

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084210.D
 Acq On : 31 Dec 2015 22:21
 Operator : UM/SJ
 Sample : PB87627BSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Quant Time: Jan 01 23:35:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	290550	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1245731	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	557103	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1010536	20.00	ng	0.00
75) Chrysene-d12	14.07	240	769572	20.00	ng	0.00
86) Perylene-d12	15.51	264	563840	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1392874	77.54	ng	0.01
7) Phenol-d6	6.53	99	2041670	90.50	ng	0.00
23) Nitrobenzene-d5	7.47	82	1889832	84.43	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	486945	86.58	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2719427	85.94	ng	0.00
78) Terphenyl-d14	13.01	244	2416158	70.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	301382	35.42	ng	# 72
3) Pyridine	3.34	79	862693	36.36	ng	# 71
4) n-Nitrosodimethylamine	3.30	42	485505	39.87	ng	# 75
6) Aniline	6.56	93	768799	23.29	ng	# 83
8) 2-Chlorophenol	6.68	128	823272	40.40	ng	86
9) Benzaldehyde	6.44	77	353509	24.06	ng	95
10) Phenol	6.54	94	1192760	46.50	ng	85
11) bis(2-Chloroethyl)ether	6.64	93	777454	39.13	ng	# 83
12) 1,3-Dichlorobenzene	6.92	146	888862	42.28	ng	96
13) 1,4-Dichlorobenzene	6.92	146	888862	42.16	ng	93
14) 1,2-Dichlorobenzene	7.07	146	769911	38.13	ng	97
15) Benzyl Alcohol	7.05	79	825050	43.47	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1437854	39.74	ng	84
17) 2-Methylphenol	7.16	107	731443	42.82	ng	97
18) Hexachloroethane	7.41	117	339326	40.25	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	639851	41.90	ng	# 72
20) 3+4-Methylphenols	7.31	107	825973	41.14	ng	# 79
22) Acetophenone	7.31	105	1150453	38.41	ng	# 81
24) Nitrobenzene	7.48	77	844162	37.18	ng	93
25) Isophorone	7.72	82	1690989	39.50	ng	98
26) 2-Nitrophenol	7.80	139	424911	41.13	ng	# 83
27) 2,4-Dimethylphenol	7.85	122	835782	39.96	ng	88
28) bis(2-Chloroethoxy)methane	7.94	93	1005417	38.45	ng	98
29) 2,4-Dichlorophenol	8.04	162	669554	38.43	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	755084	41.98	ng	# 96
31) Naphthalene	8.21	128	2408900	42.62	ng	98
32) Benzoic acid	7.96	122	499349	38.53	ng	96
33) 4-Chloroaniline	8.26	127	369195	14.25	ng	# 92
34) Hexachlorobutadiene	8.33	225	400022	38.69	ng	98
35) Caprolactam	8.62	113	222758	37.93	ng	# 32
36) 4-Chloro-3-methylphenol	8.74	107	771120	39.52	ng	95
37) 2-Methylnaphthalene	8.90	142	1526678	37.63	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	682441	42.61	ng	98
40) Hexachlorocyclopentadiene	9.06	237	849446	87.86	ng	98

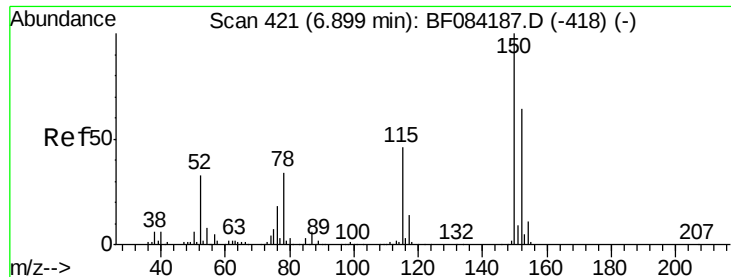
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	489785	40.88	ng	92
43) 2,4,5-Trichlorophenol	9.22	196	494738	43.07	ng #	90
45) 1,1'-Biphenyl	9.37	154	1882494	42.52	ng	99
46) 2-Chloronaphthalene	9.39	162	1395033	40.11	ng	96
47) 2-Nitroaniline	9.48	65	473640	41.26	ng	97
48) Acenaphthylene	9.80	152	2164745	42.13	ng	97
49) Dimethylphthalate	9.68	163	1729704	43.43	ng #	91
50) 2,6-Dinitrotoluene	9.73	165	392193	44.90	ng	95
51) Acenaphthene	9.98	154	1568559	45.51	ng	94
52) 3-Nitroaniline	9.89	138	243476	22.49	ng	89
53) 2,4-Dinitrophenol	10.00	184	272894	73.63	ng #	77
54) Dibenzofuran	10.16	168	2018557	45.24	ng	100
55) 4-Nitrophenol	10.05	139	584767	74.43	ng #	79
56) 2,4-Dinitrotoluene	10.13	165	567213	51.31	ng #	89
57) Fluorene	10.50	166	1464102	42.27	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	428425	43.69	ng	91
59) Diethylphthalate	10.37	149	1736568	44.22	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	739984	52.05	ng	99
61) 4-Nitroaniline	10.51	138	391700	40.60	ng	95
62) Azobenzene	10.65	77	1949899	45.27	ng	91
64) 4,6-Dinitro-2-methylphenol	10.53	198	228143	36.99	ng #	70
65) n-Nitrosodiphenylamine	10.60	169	1251060	38.72	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	488171	44.88	ng	96
67) Hexachlorobenzene	11.04	284	466995	38.15	ng #	81
68) Atrazine	11.14	200	466966	44.16	ng	90
69) Pentachlorophenol	11.23	266	517767	81.57	ng	97
70) Phenanthrene	11.45	178	2271005	42.96	ng	97
71) Anthracene	11.50	178	2275940	43.92	ng	96
72) Carbazole	11.65	167	1868988	36.90	ng	98
73) Di-n-butylphthalate	12.00	149	2524247	47.57	ng #	95
74) Fluoranthene	12.64	202	2144221	38.83	ng	98
76) Benzidine	12.76	184	665853	24.13	ng	98
77) Pyrene	12.87	202	2177080	36.05	ng	97
79) Butylbenzylphthalate	13.49	149	1102358	42.18	ng #	97
80) Benzo(a)anthracene	14.05	228	1779307	39.38	ng	98
81) 3,3'-Dichlorobenzidine	14.02	252	363188	23.03	ng #	99
82) Chrysene	14.09	228	1442427	33.22	ng	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1299507	39.36	ng #	96
84) Di-n-octyl phthalate	14.66	149	2078511	37.29	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1387153	40.30	ng	100
87) Benzo(b)fluoranthene	15.12	252	2799638	75.91	ng #	97
88) Benzo(k)fluoranthene	15.12	252	2799638	92.81	ng	99
89) Benzo(a)pyrene	15.44	252	1327838	42.44	ng #	96
90) Dibenzo(a,h)anthracene	16.95	278	1152616	42.82	ng	95
91) Benzo(g,h,i)perylene	17.36	276	1185038	42.51	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

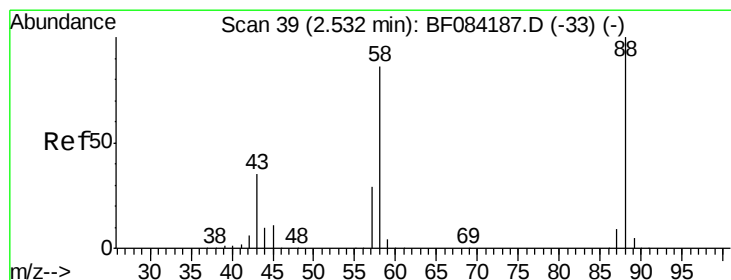
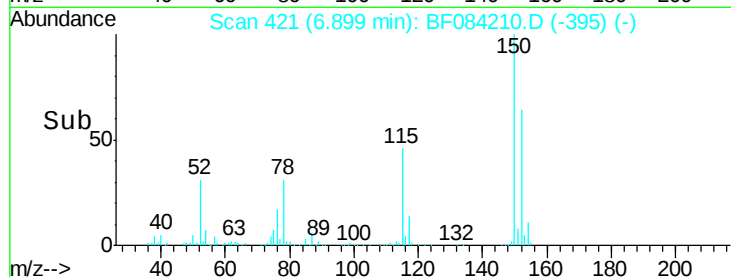
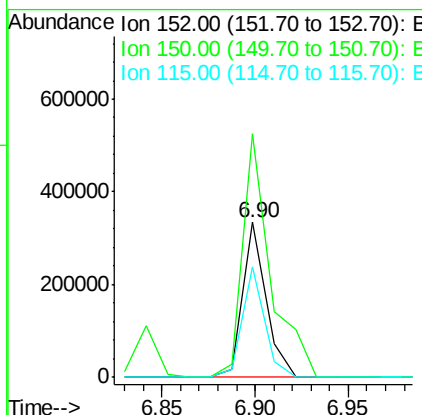
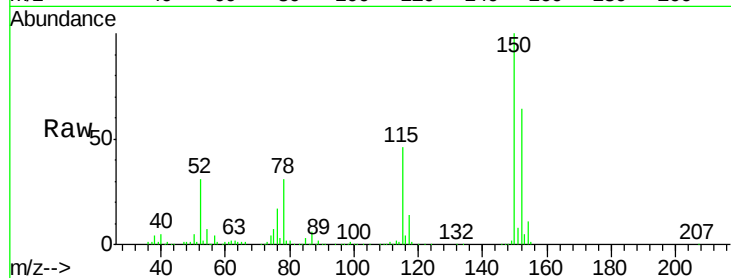


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

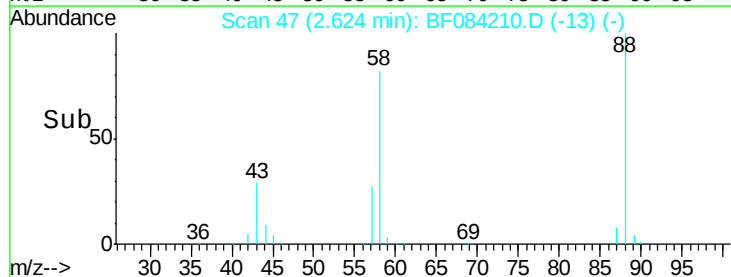
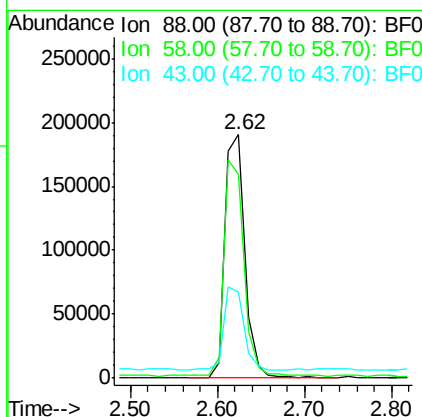
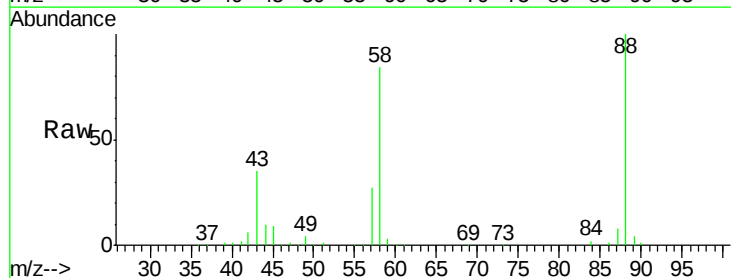
Tgt Ion:152 Resp: 290550
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.4
115 71.8 51.4 77.2

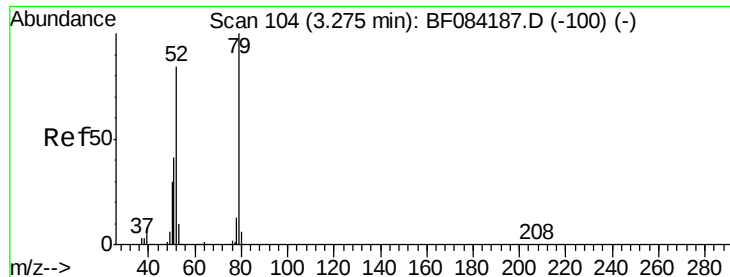


#2

1,4-Dioxane
Concen: 35.42 ng
RT: 2.62 min Scan# 47
Delta R.T. 0.09 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion: 88 Resp: 301382
Ion Ratio Lower Upper
88 100
58 88.6 51.2 76.8#
43 34.5 19.5 29.3#





#3

Pyridine

Concen: 36.36 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

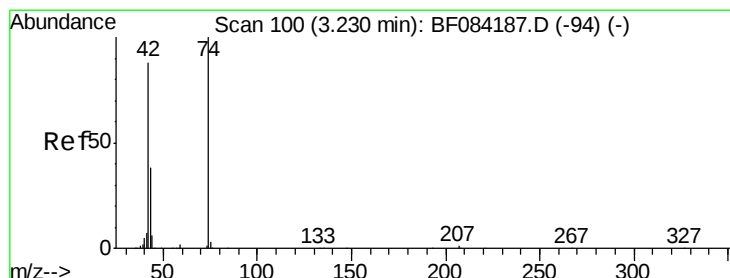
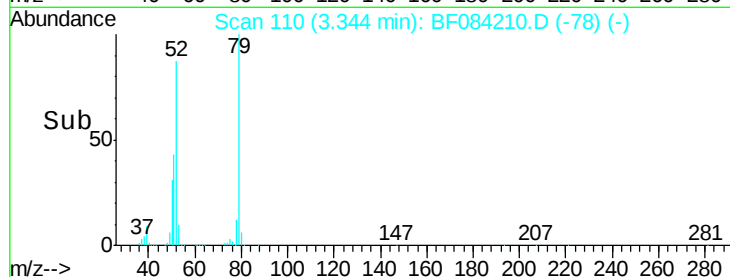
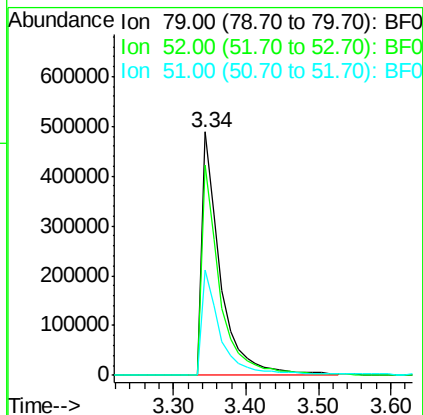
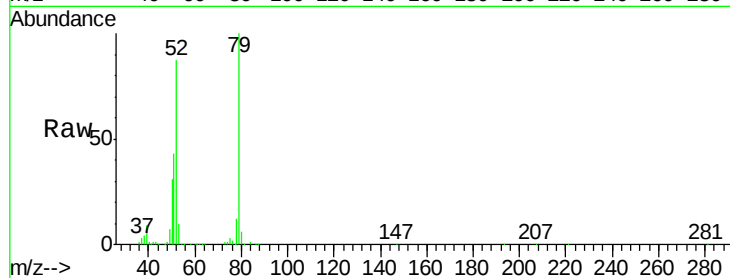
Tgt Ion: 79 Resp: 862693

Ion Ratio Lower Upper

79 100

52 86.6 49.0 73.4#

51 43.2 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 39.87 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.07 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

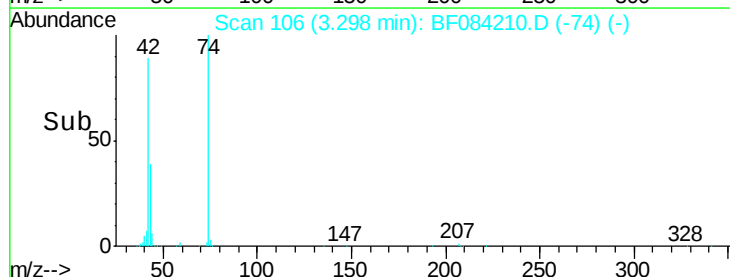
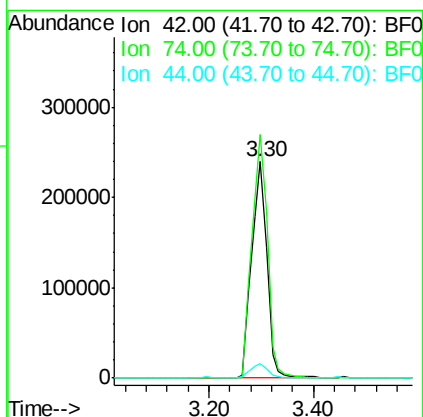
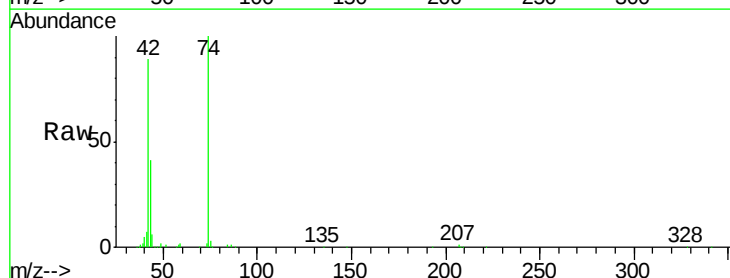
Tgt Ion: 42 Resp: 485505

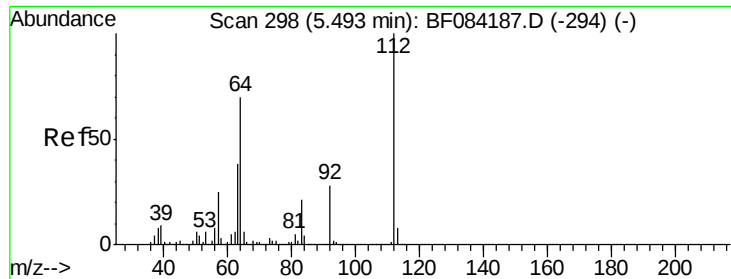
Ion Ratio Lower Upper

42 100

74 112.4 115.7 173.5#

44 7.0 5.1 7.7





#5

2-Fluorophenol

Concen: 77.54 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

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ClientSampleId :

PB87627BSD

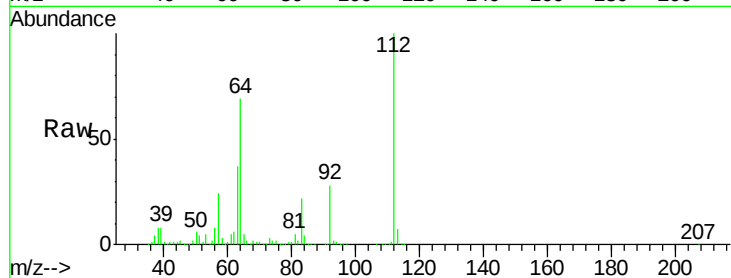
Tgt Ion:112 Resp: 1392874

Ion Ratio Lower Upper

112 100

64 68.9 36.6 55.0#

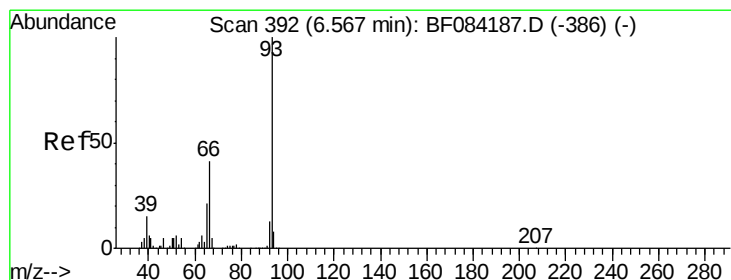
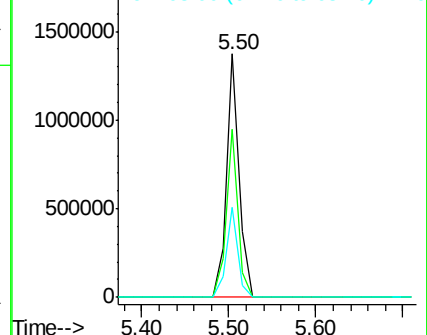
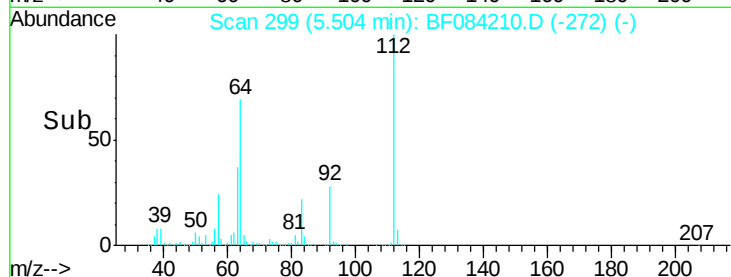
63 37.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.29 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

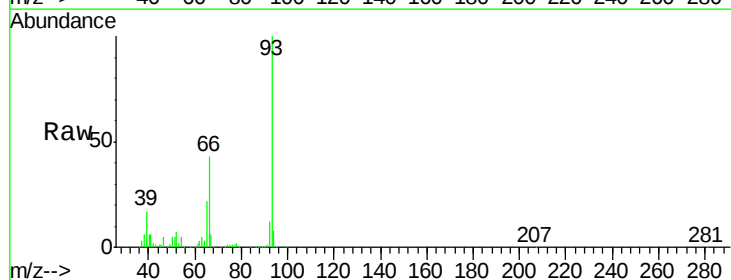
Tgt Ion: 93 Resp: 768799

Ion Ratio Lower Upper

93 100

66 43.2 44.9 67.3#

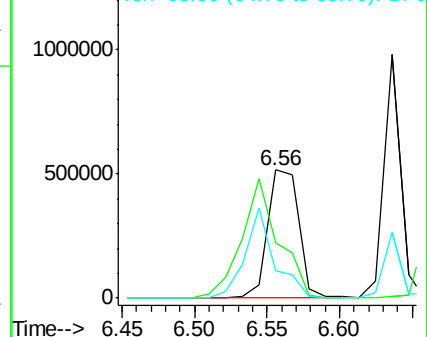
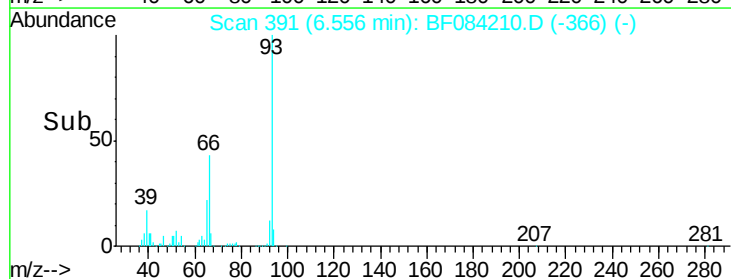
65 21.7 23.7 35.5#

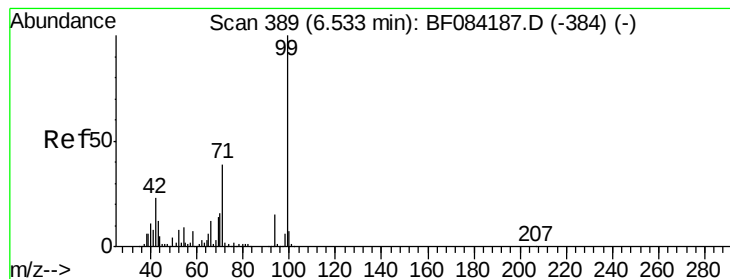


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.50 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

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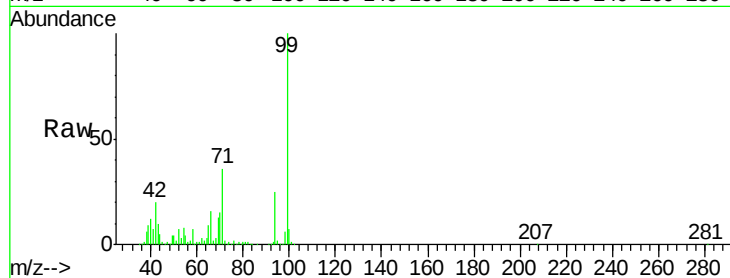
Tgt Ion: 99 Resp: 2041670

Ion Ratio Lower Upper

99 100

42 19.8 12.8 19.2#

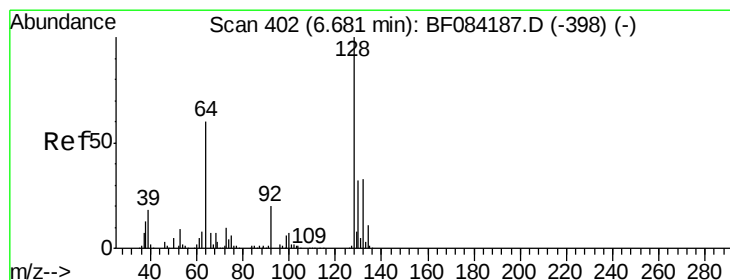
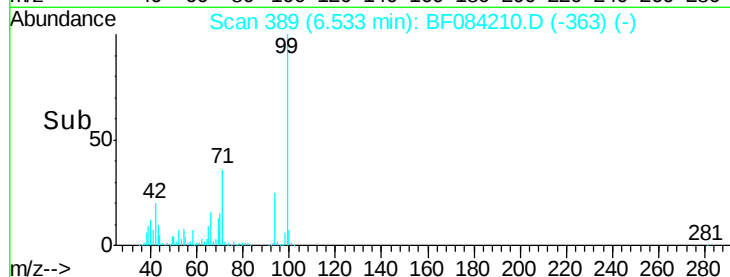
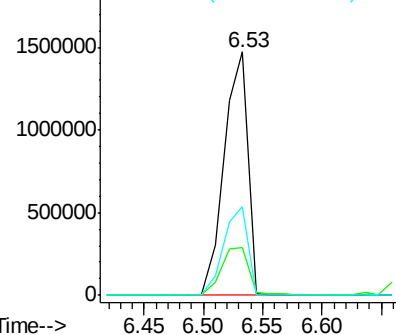
71 36.2 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.40 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

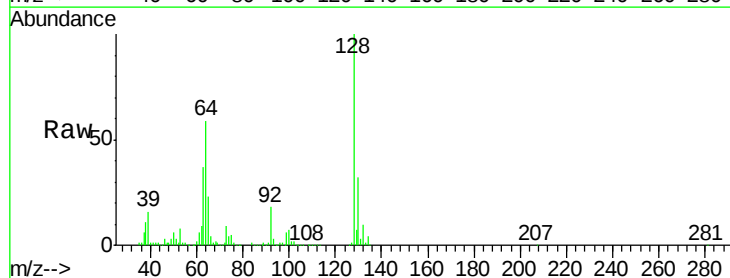
Tgt Ion: 128 Resp: 823272

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

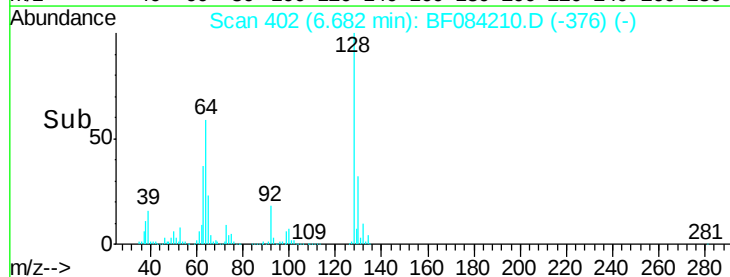
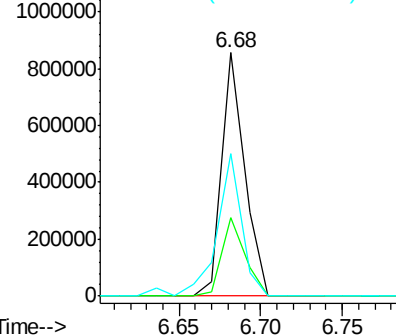
64 58.8 23.8 63.8

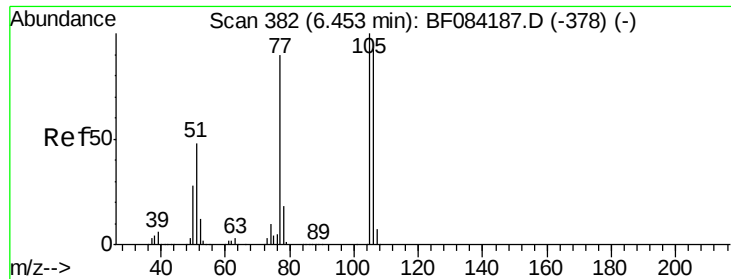


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.06 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

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PB87627BSD

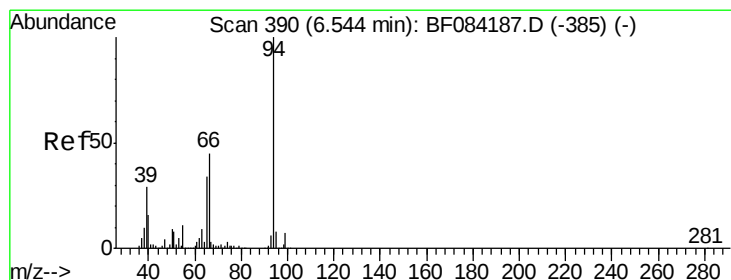
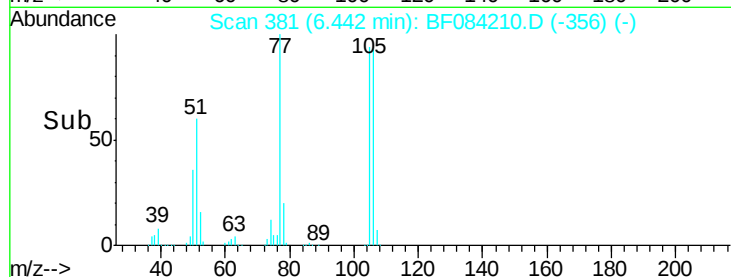
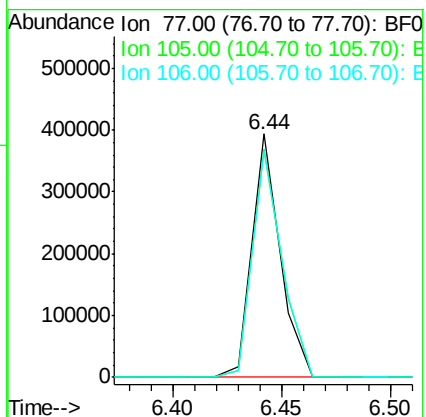
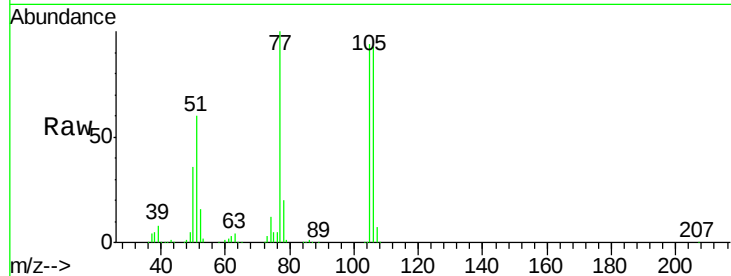
Tgt Ion: 77 Resp: 353509

Ion Ratio Lower Upper

77 100

105 93.6 83.0 123.0

106 93.3 74.6 114.6



#10

Phenol

Concen: 46.50 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

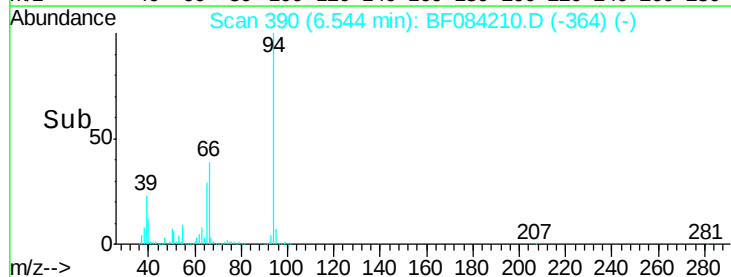
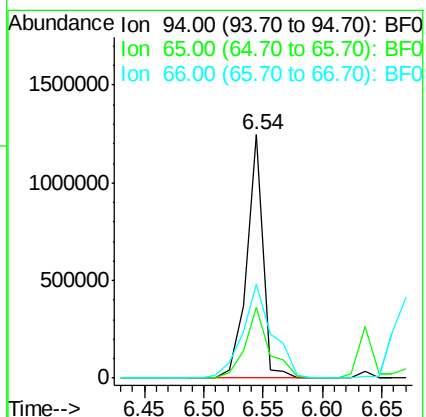
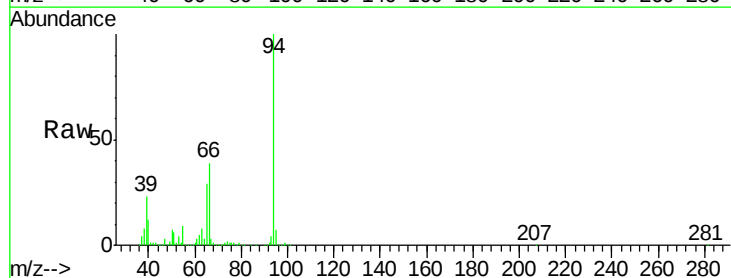
Tgt Ion: 94 Resp: 1192760

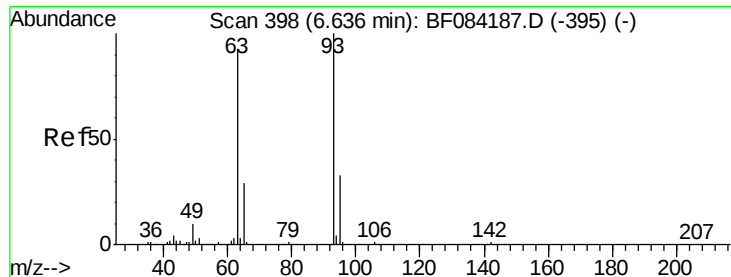
Ion Ratio Lower Upper

94 100

65 29.2 12.9 52.9

66 38.7 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 39.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

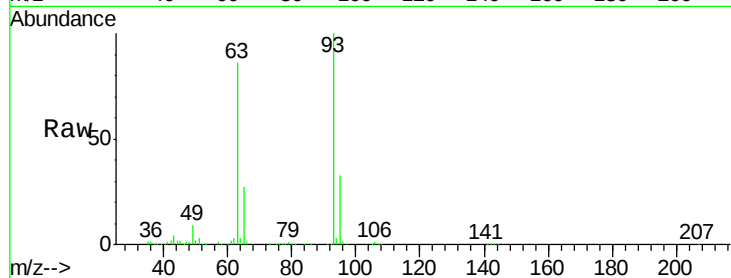
Tgt Ion: 93 Resp: 777454

Ion Ratio Lower Upper

93 100

63 86.0 45.9 85.9#

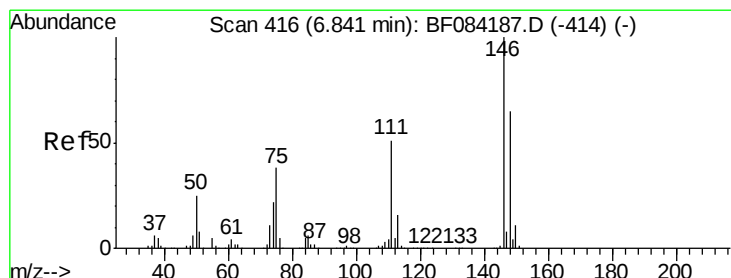
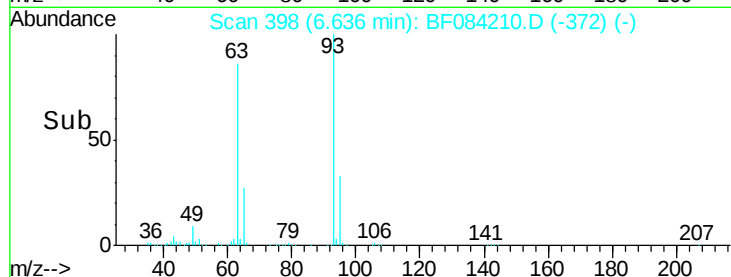
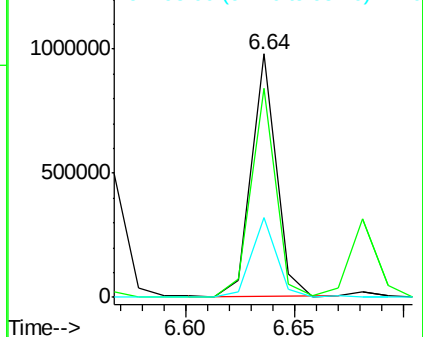
95 33.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.28 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.08 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

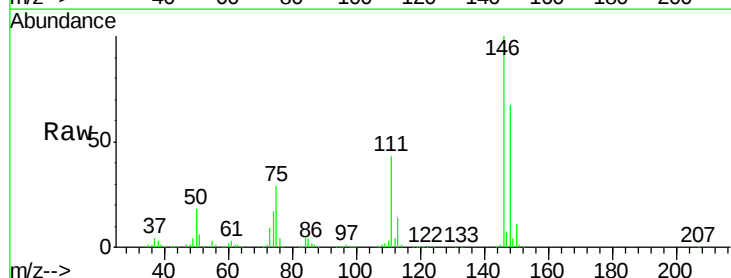
Tgt Ion: 146 Resp: 888862

Ion Ratio Lower Upper

146 100

148 67.1 51.9 77.9

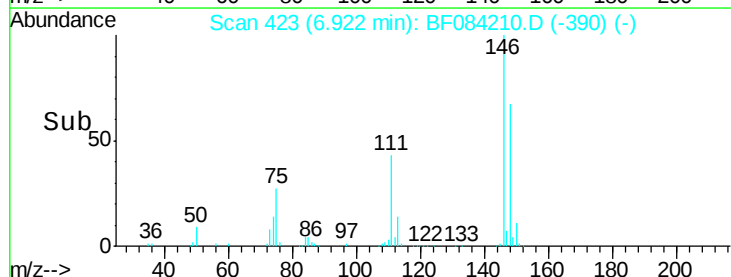
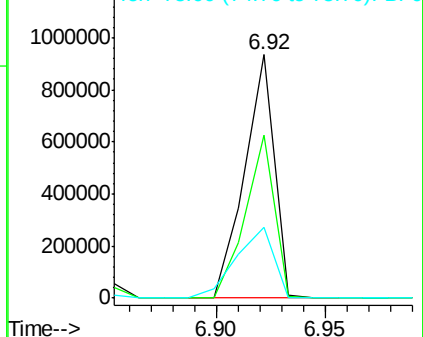
75 29.1 20.5 30.7

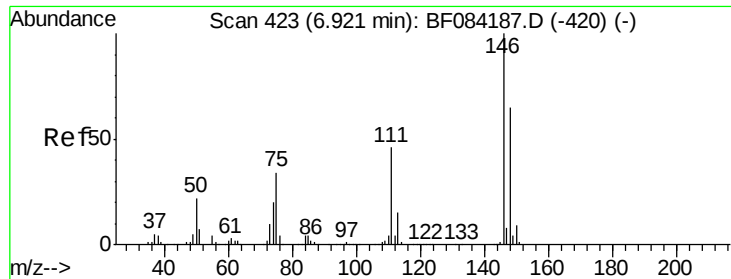


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

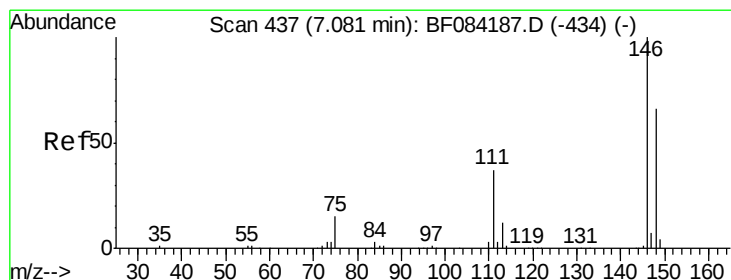
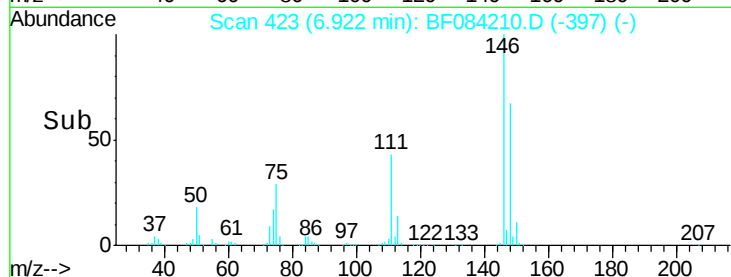
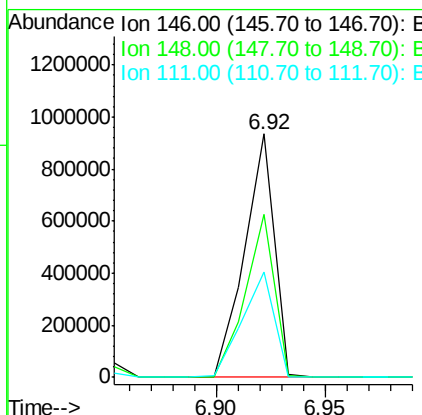
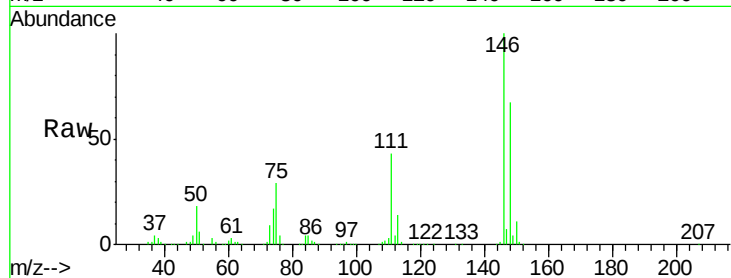




#13
 1,4-Dichlorobenzene
 Concen: 42.16 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

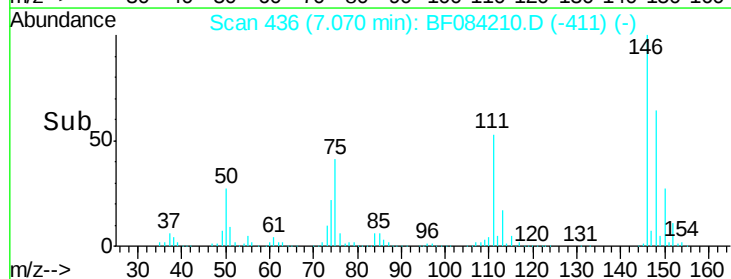
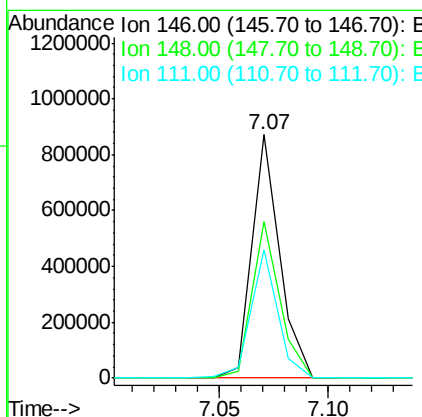
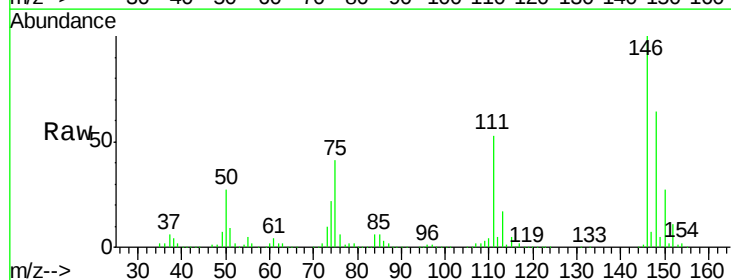
Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

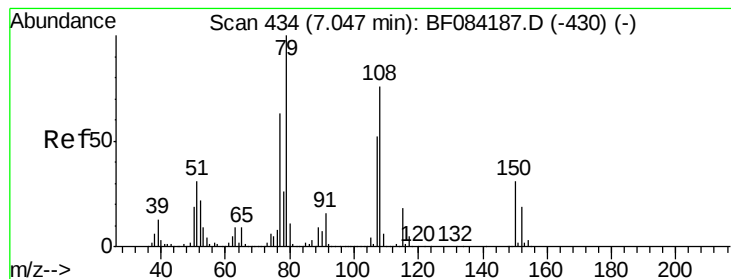
Tgt Ion:146 Resp: 888862
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.9 77.9
 111 43.0 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.13 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:146 Resp: 769911
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 52.7 38.0 57.0





#15

Benzyl Alcohol

Concen: 43.47 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

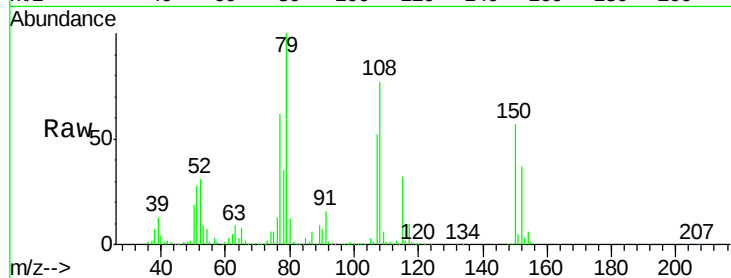
Tgt Ion: 79 Resp: 825050

Ion Ratio Lower Upper

79 100

108 76.6 69.0 103.4

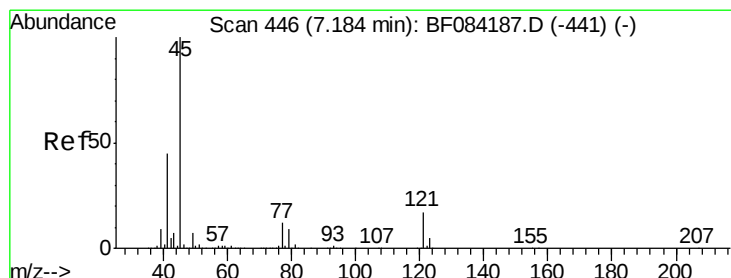
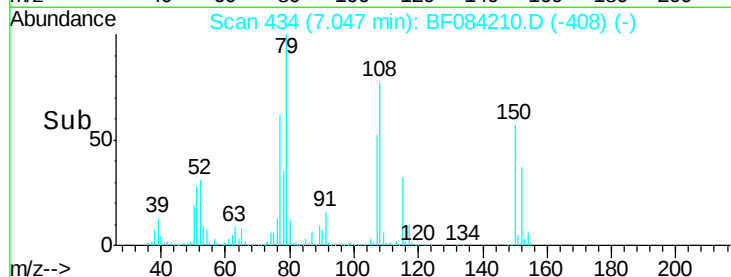
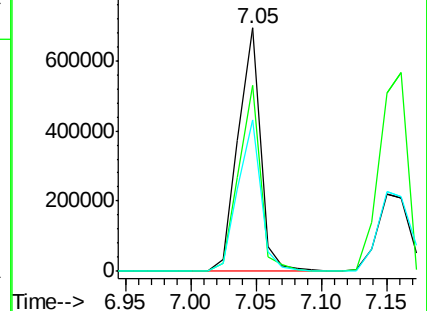
77 62.3 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.74 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

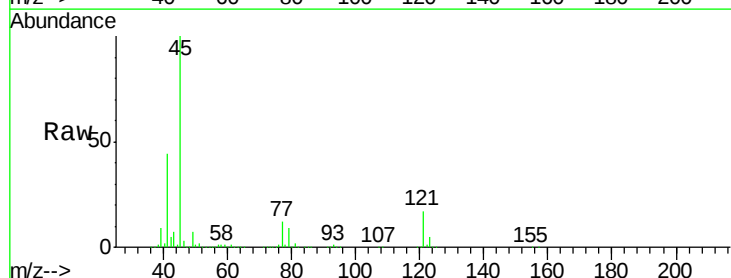
Tgt Ion: 45 Resp: 1437854

Ion Ratio Lower Upper

45 100

77 11.6 0.0 39.6

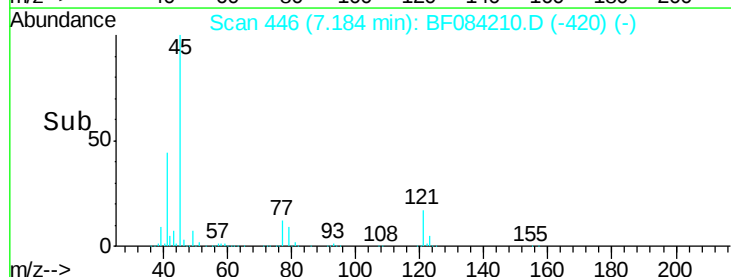
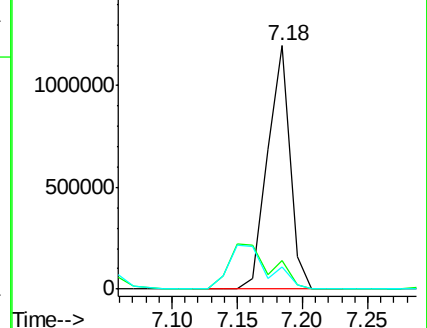
79 9.0 0.0 35.0

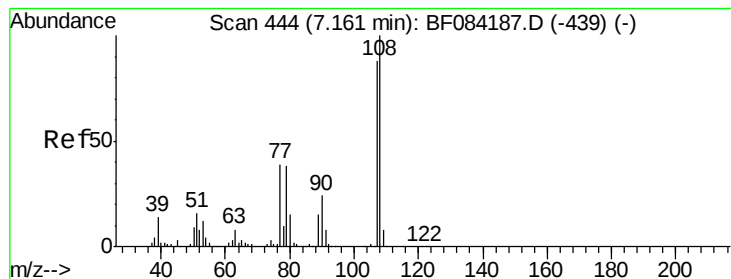


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.82 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tgt Ion:107 Resp: 731443

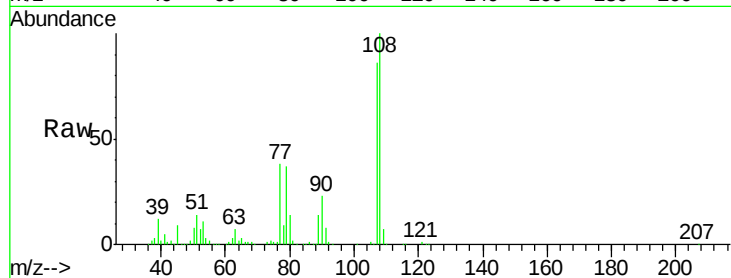
Ion Ratio Lower Upper

107 100

108 116.4 89.8 134.6

77 43.8 35.7 53.5

79 43.1 35.7 53.5

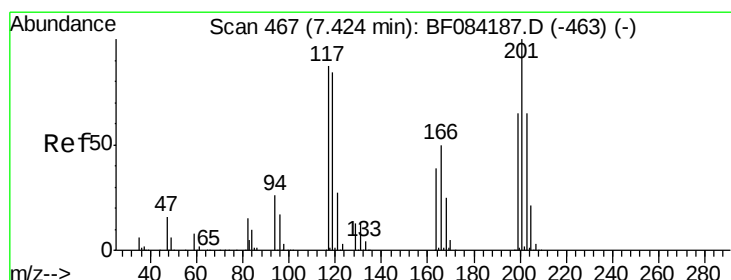
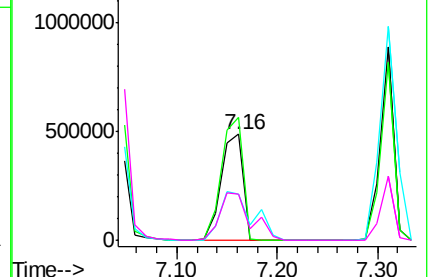
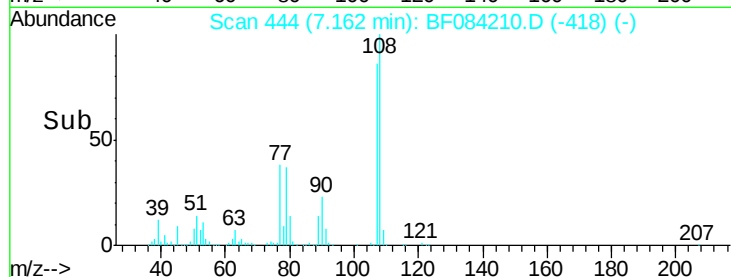


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.25 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

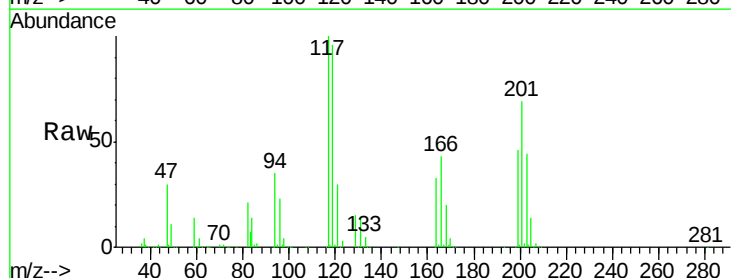
Tgt Ion:117 Resp: 339326

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

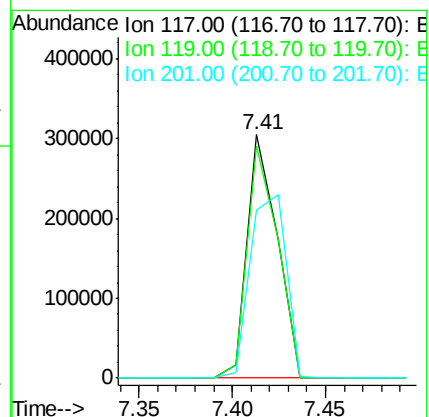
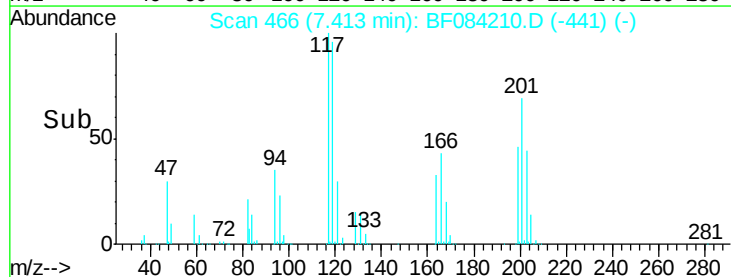
201 69.2 68.6 103.0

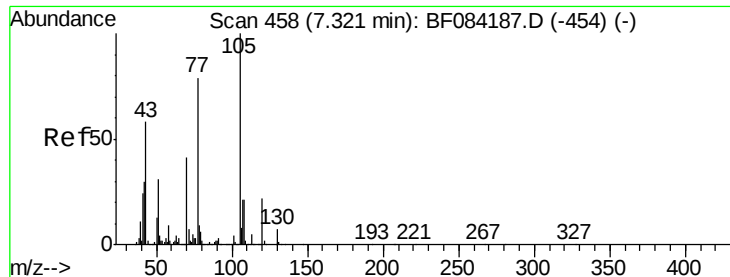


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

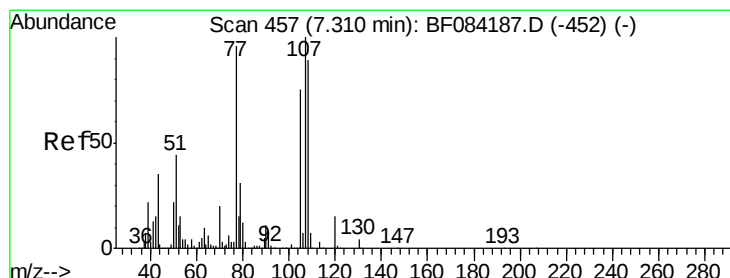
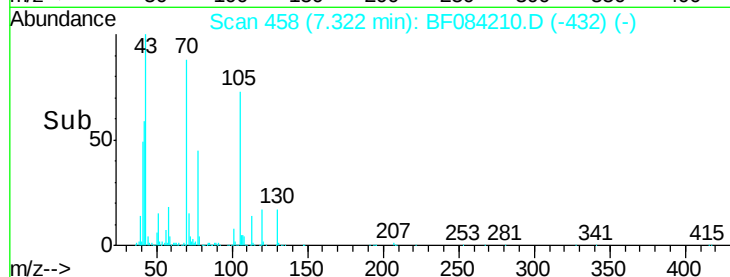
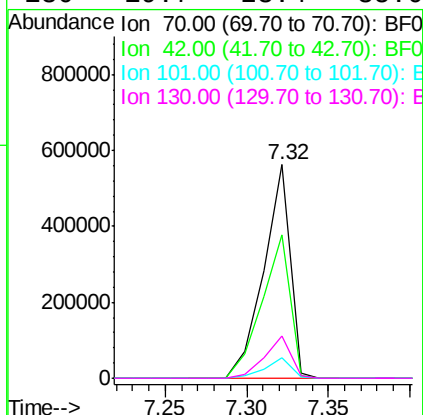
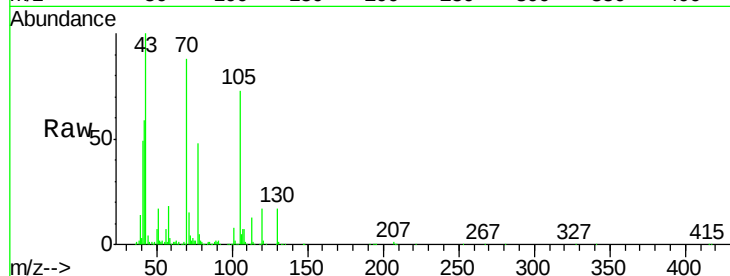




#19
n-Nitroso-di-n-propylamine
Concen: 41.90 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

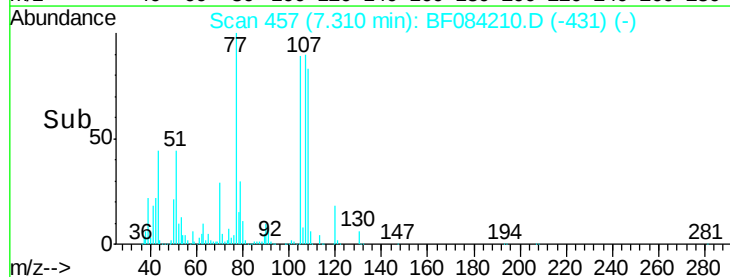
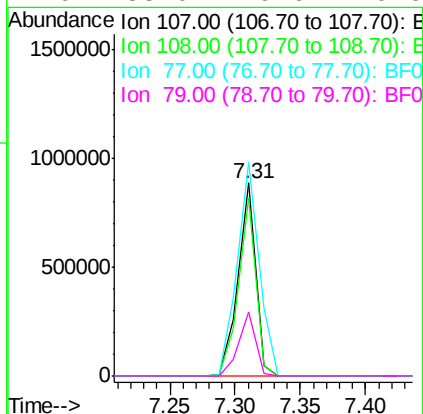
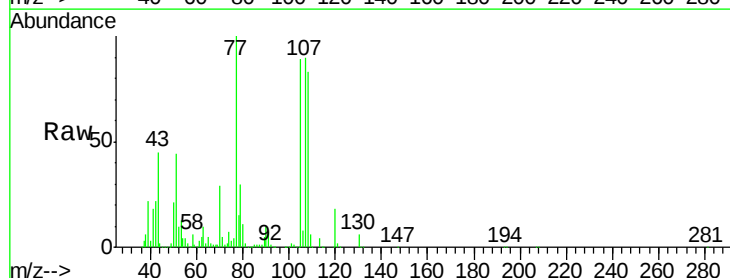
Instrument :
BNA_F
ClientSampleId :
PB87627BSD

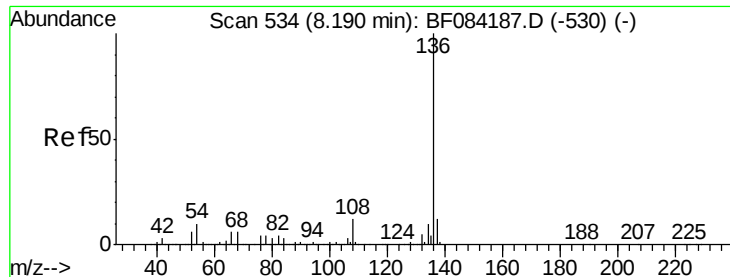
Tgt Ion: 70 Resp: 639851
Ion Ratio Lower Upper
70 100
42 67.0 33.3 49.9#
101 9.3 9.3 13.9
130 19.7 23.4 35.0#



#20
3+4-Methylphenols
Concen: 41.14 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion: 107 Resp: 825973
Ion Ratio Lower Upper
107 100
108 92.1 64.1 104.1
77 110.6 128.9 168.9#
79 33.0 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tgt Ion:136 Resp: 1245731

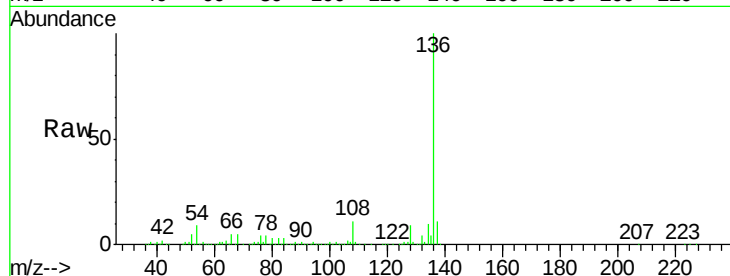
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 5.8 8.8

68 4.9 4.2 6.2

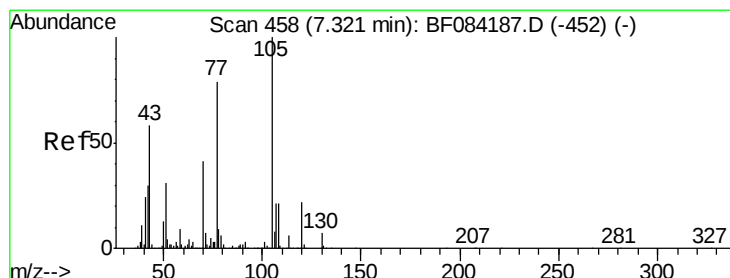
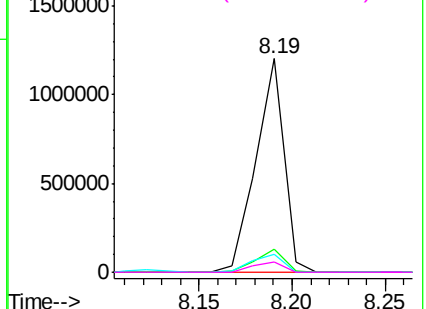
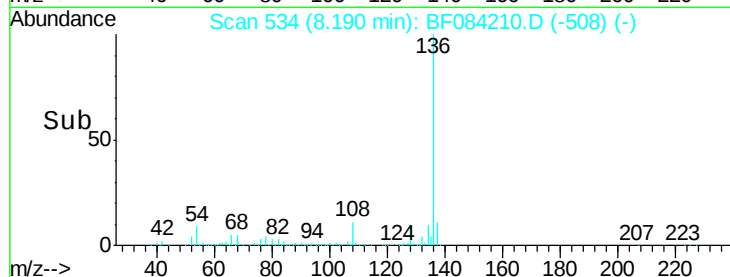


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.41 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:105 Resp: 1150453

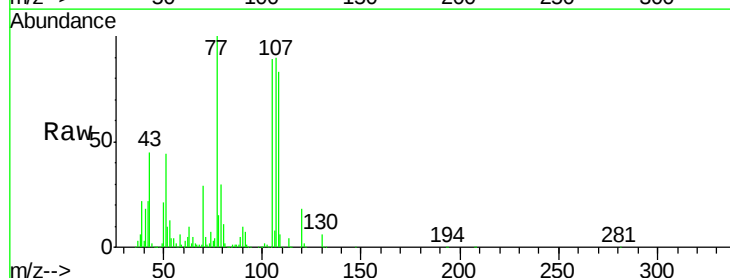
Ion Ratio Lower Upper

105 100

71 5.3 3.7 5.5

51 49.3 25.1 37.7#

120 19.9 16.6 25.0

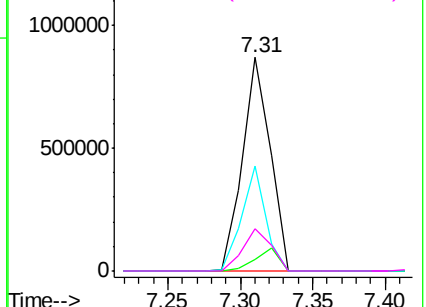
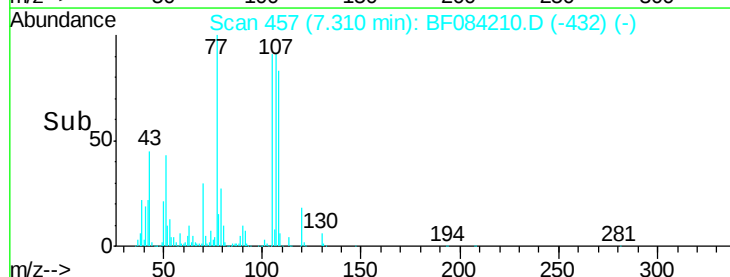


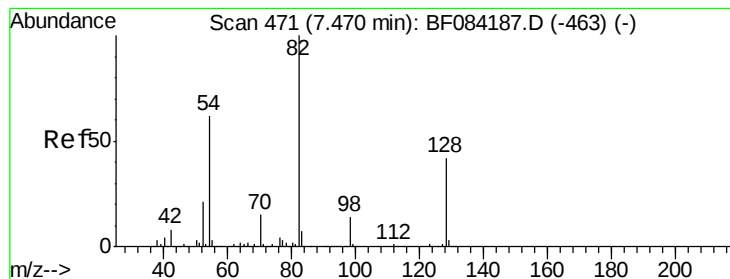
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.43 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

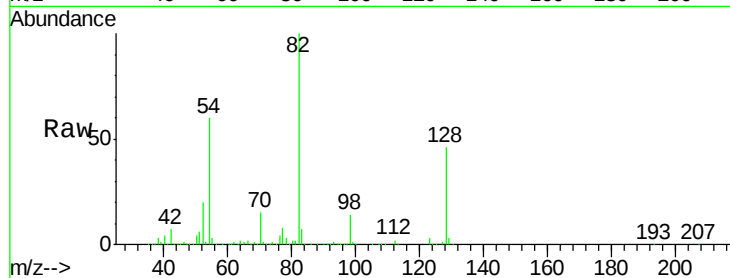
Tgt Ion: 82 Resp: 1889832

Ion Ratio Lower Upper

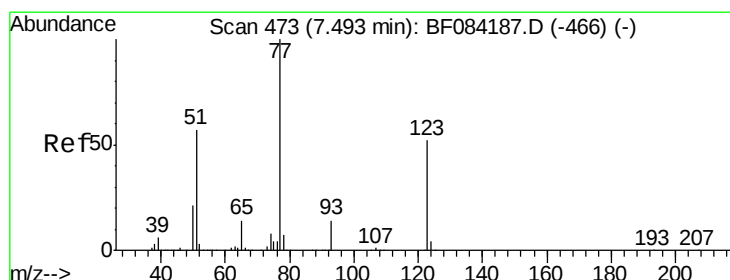
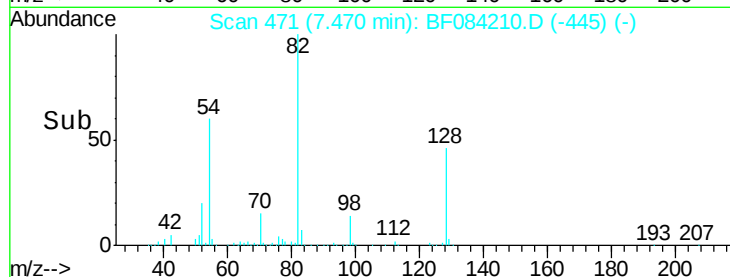
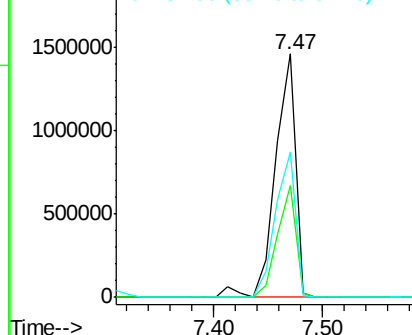
82 100

128 45.9 34.6 51.8

54 59.6 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.18 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

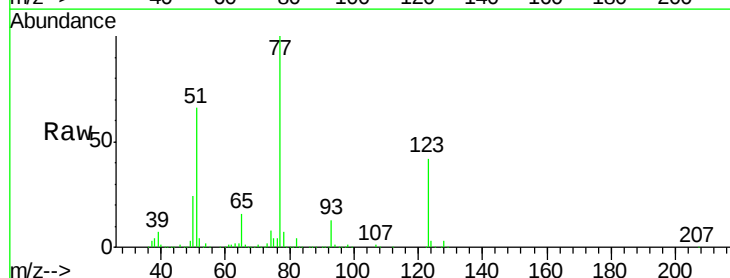
Tgt Ion: 77 Resp: 844162

Ion Ratio Lower Upper

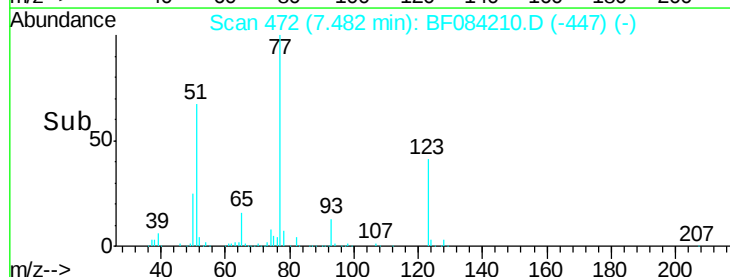
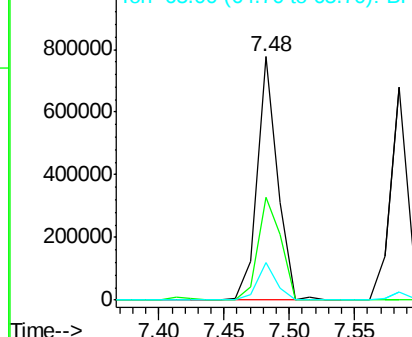
77 100

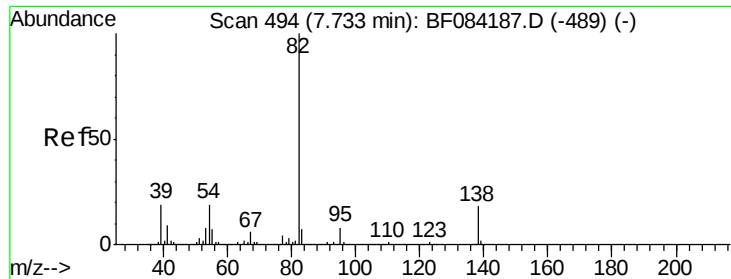
123 42.0 37.4 56.2

65 15.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.50 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

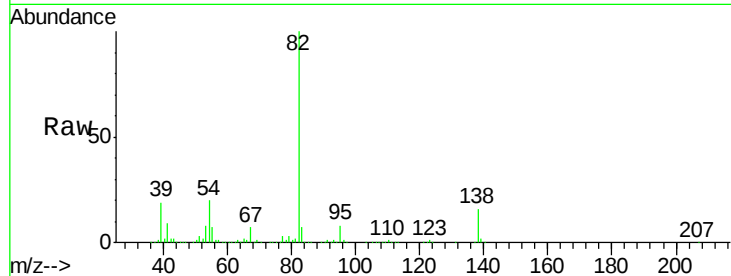
Tgt Ion: 82 Resp: 1690989

Ion Ratio Lower Upper

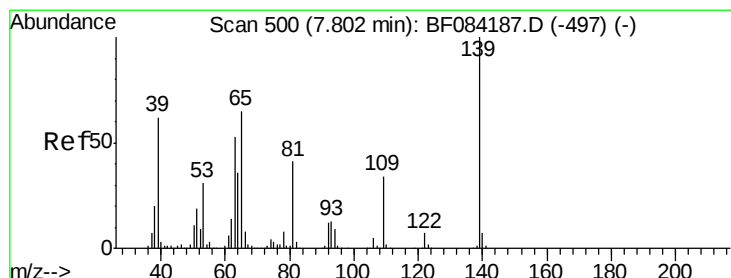
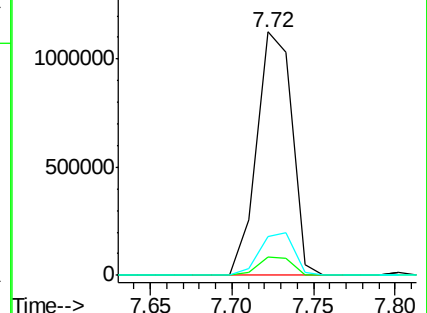
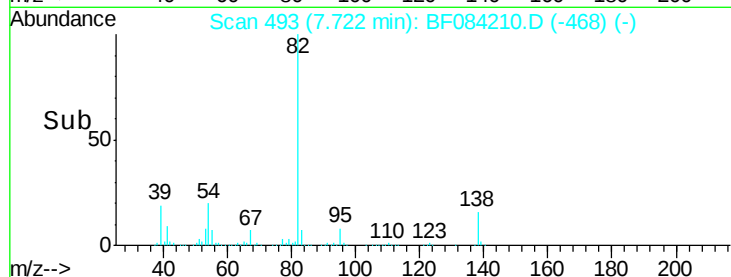
82 100

95 7.6 6.6 10.0

138 16.1 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.13 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

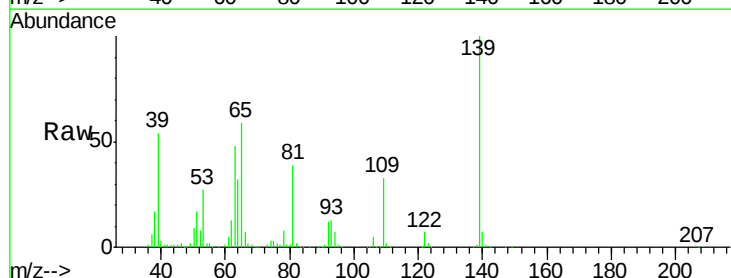
Tgt Ion: 139 Resp: 424911

Ion Ratio Lower Upper

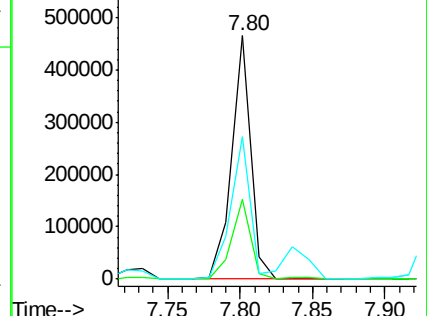
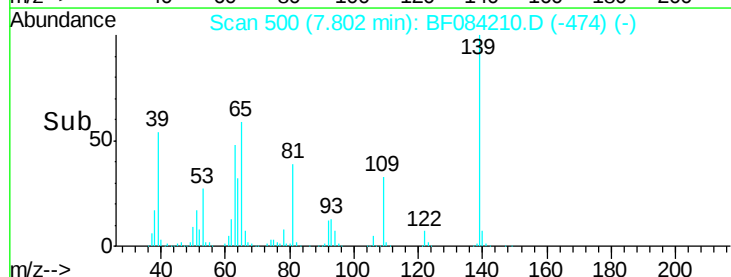
139 100

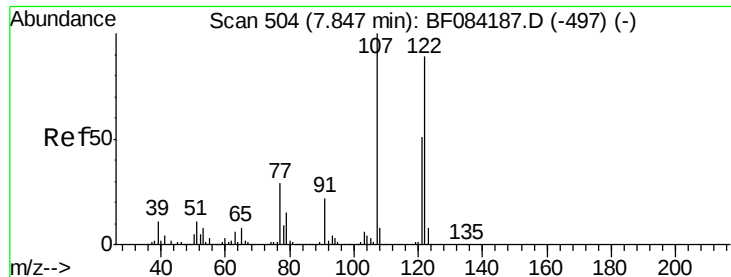
109 33.0 25.4 38.2

65 58.6 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.96 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

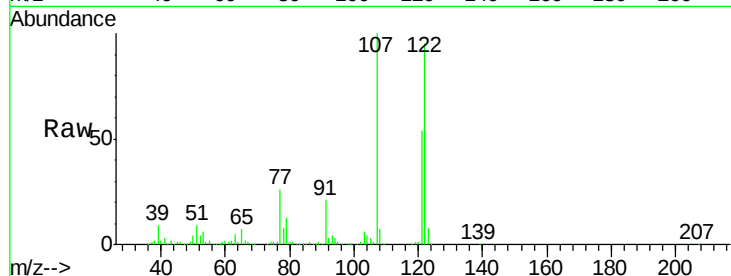
Tgt Ion:122 Resp: 835782

Ion Ratio Lower Upper

122 100

107 105.4 99.1 148.7

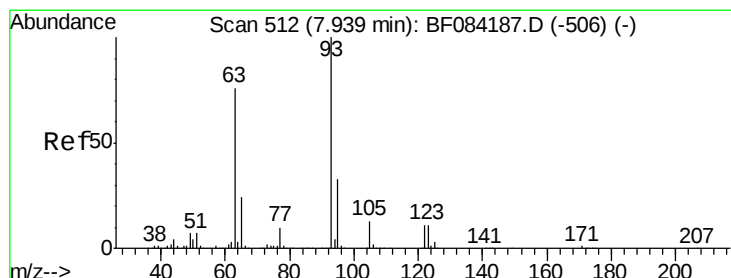
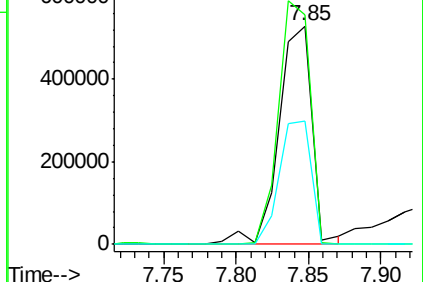
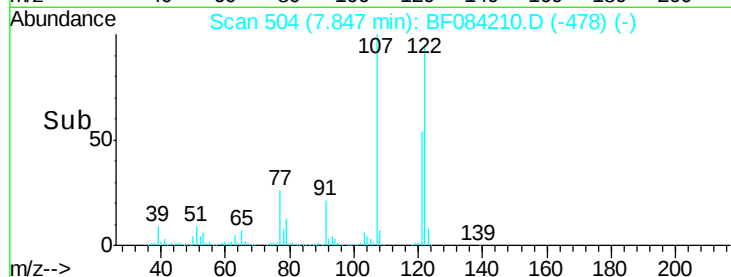
121 56.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.45 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

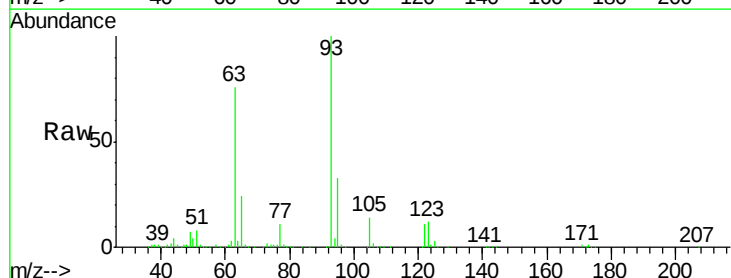
Tgt Ion: 93 Resp: 1005417

Ion Ratio Lower Upper

93 100

95 33.4 25.8 38.6

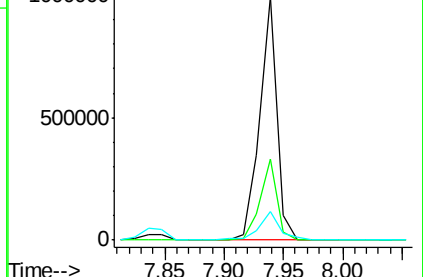
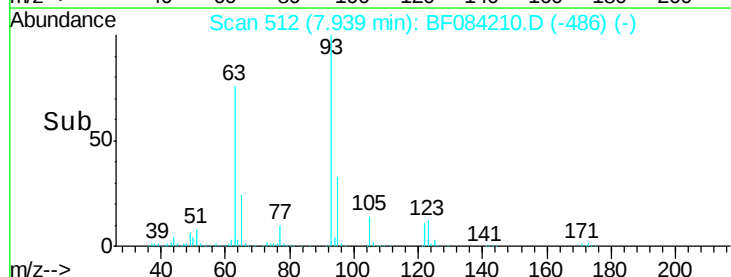
123 11.6 8.6 12.8

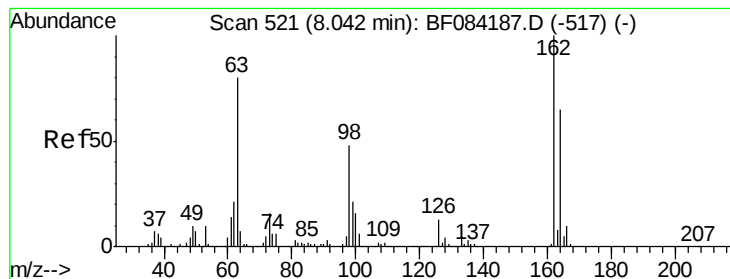


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.43 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

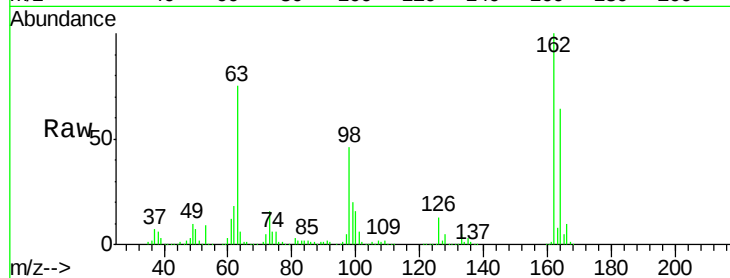
Tgt Ion:162 Resp: 669554

Ion Ratio Lower Upper

162 100

164 63.7 44.1 84.1

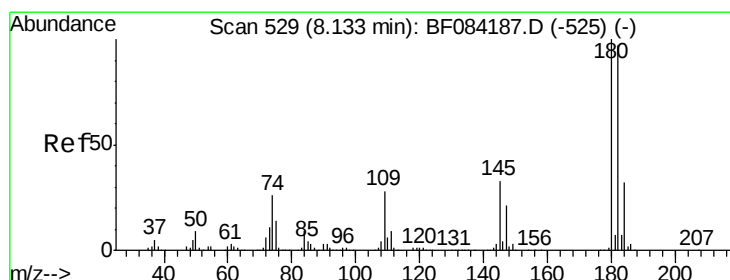
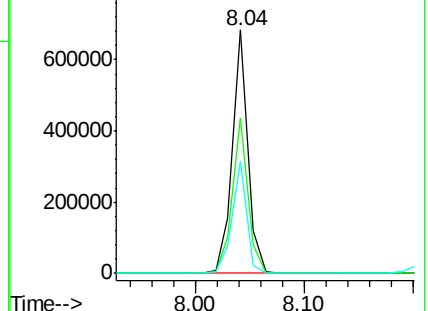
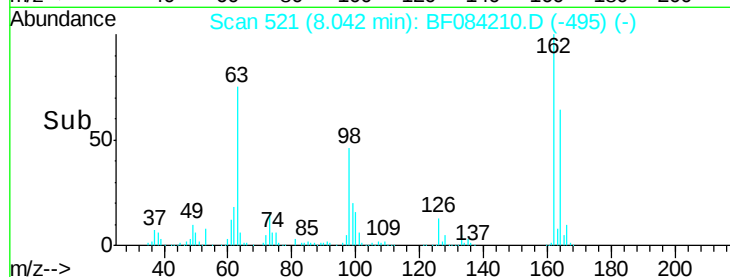
98 45.7 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.98 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

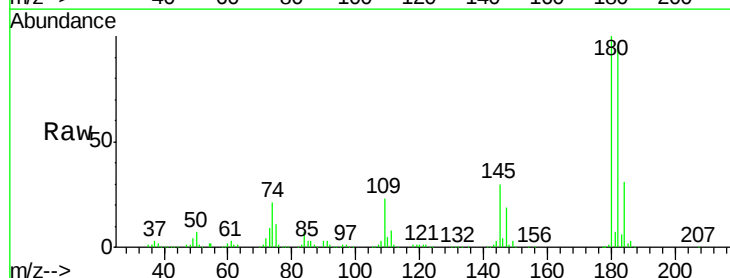
Tgt Ion:180 Resp: 755084

Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

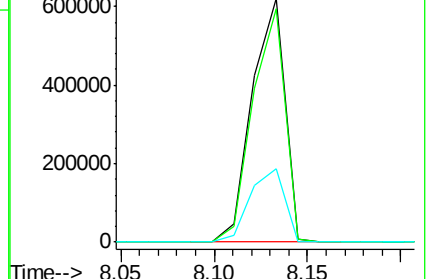
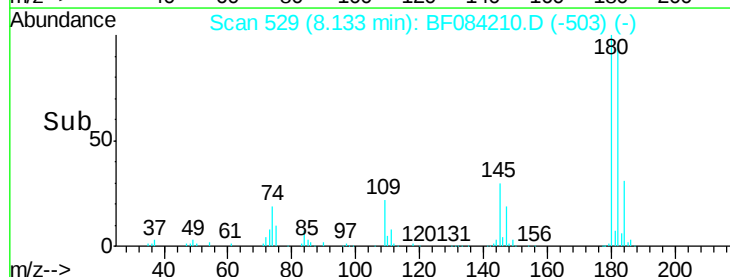
145 30.4 31.6 47.4#

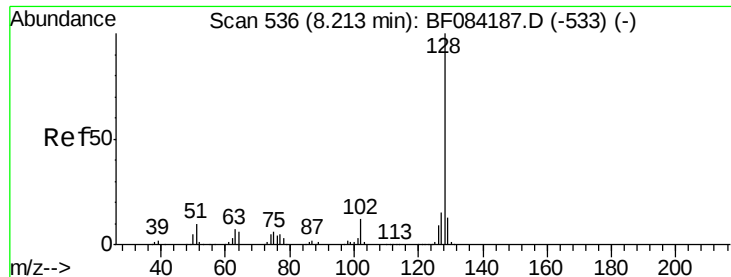


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

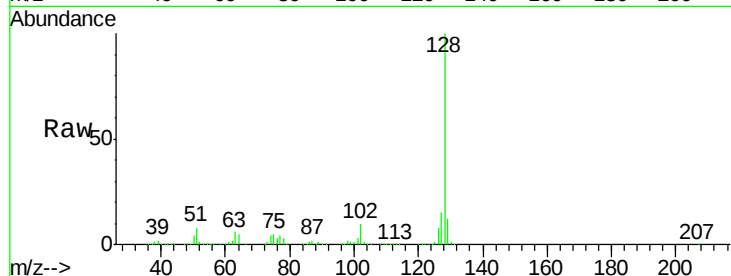




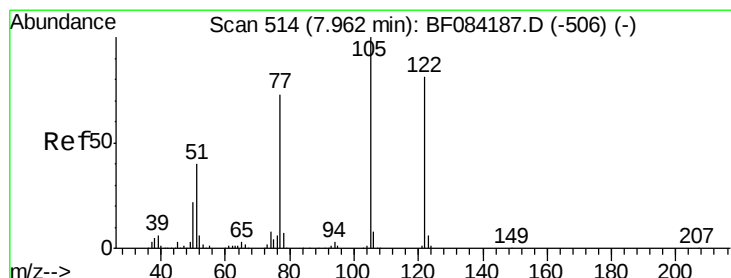
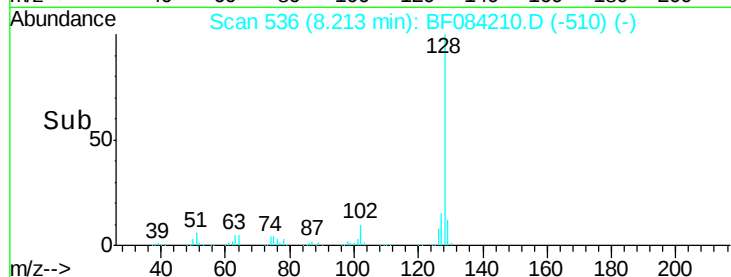
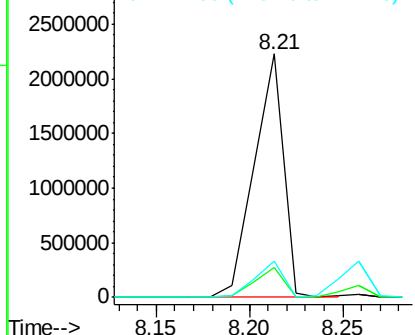
#31
Naphthalene
Concen: 42.62 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tgt Ion:128 Resp: 2408900
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.7 11.1 16.7

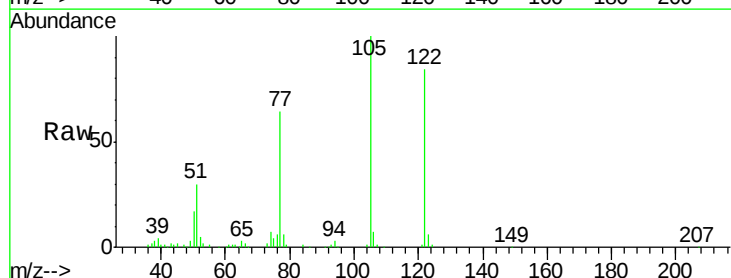


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

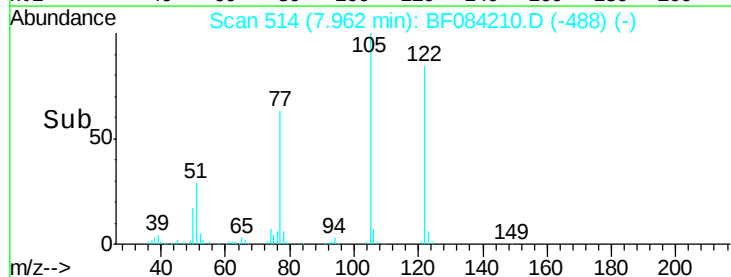
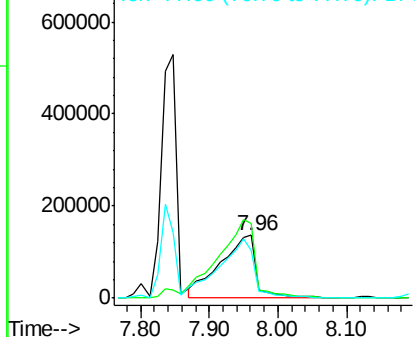


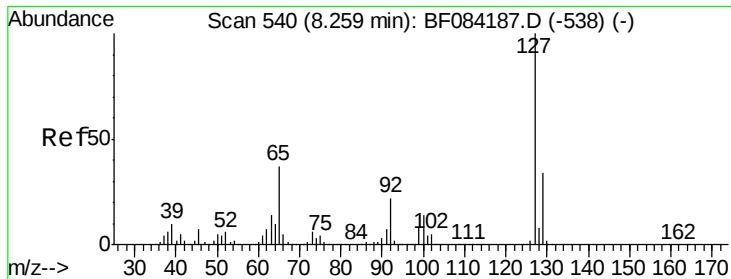
#32
Benzoic acid
Concen: 38.53 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion:122 Resp: 499349
Ion Ratio Lower Upper
122 100
105 119.5 100.3 140.3
77 76.2 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

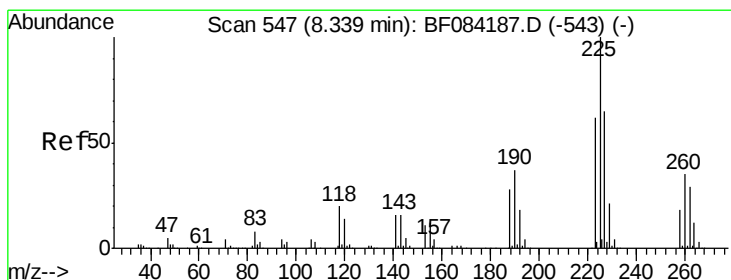
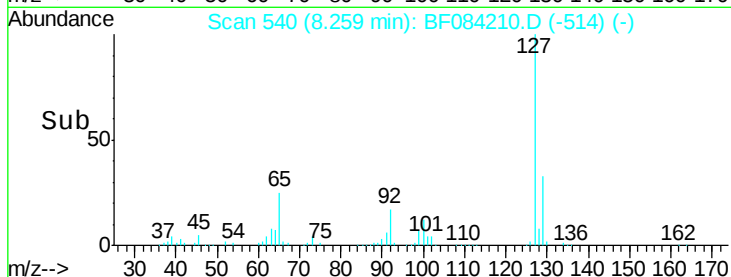
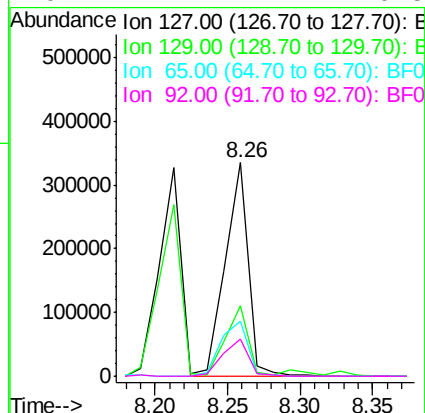
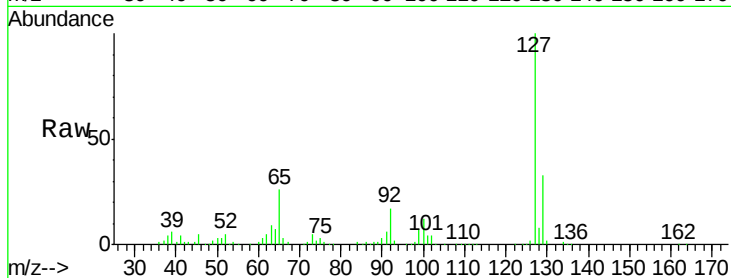




#33
4-Chloroaniline
Concen: 14.25 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

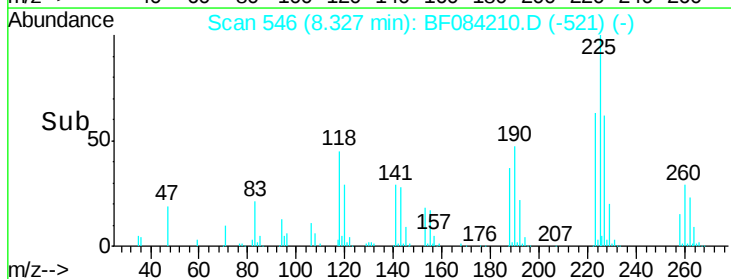
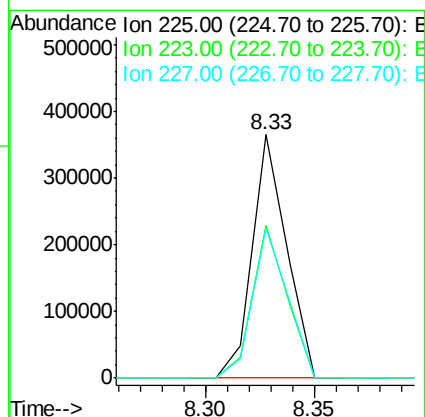
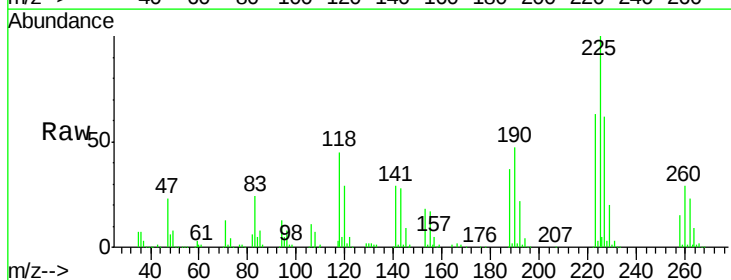
Instrument :
BNA_F
ClientSampleId :
PB87627BSD

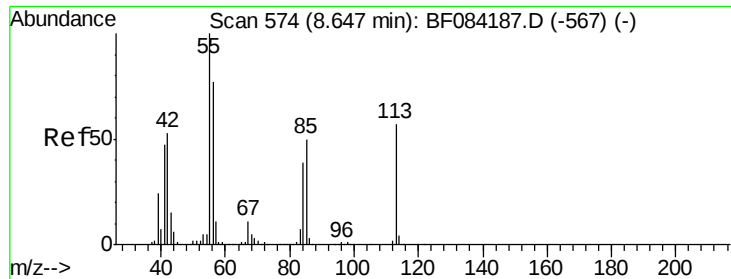
Tgt Ion:	127	Resp:	369195
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	25.9	27.2	40.8#
92	17.4	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 38.69 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion:	225	Resp:	400022
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	61.9	50.8	76.2

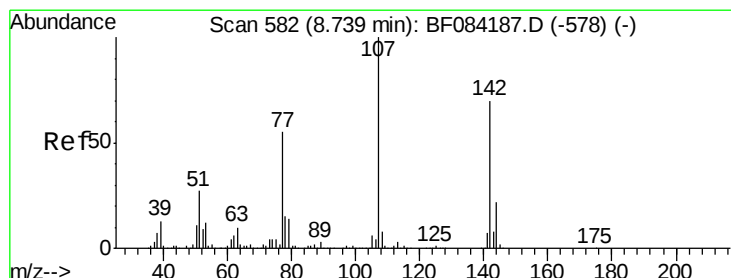
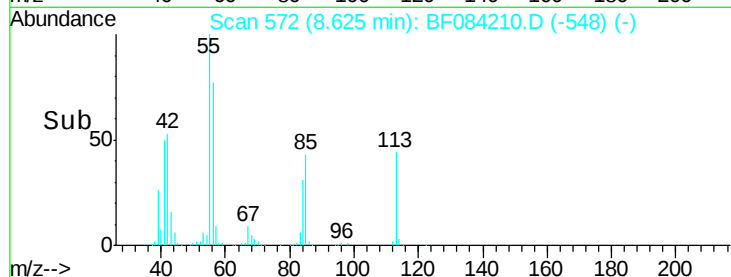
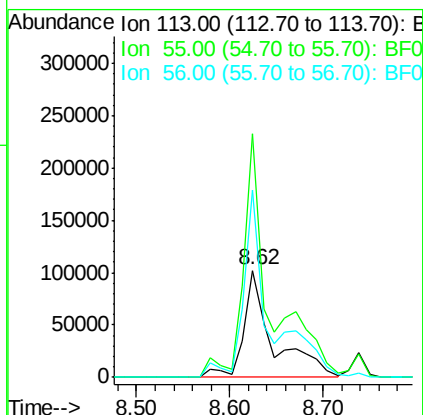
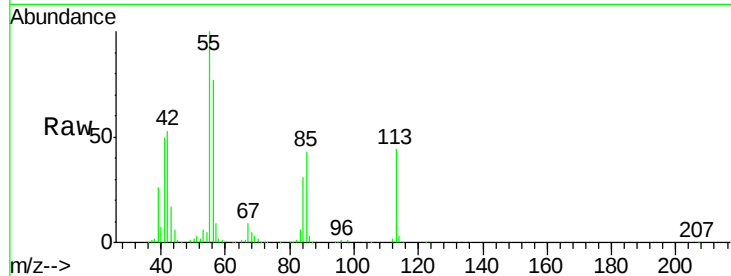




#35
 Caprolactam
 Concen: 37.93 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

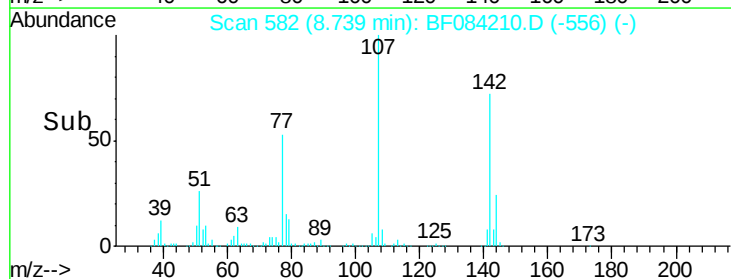
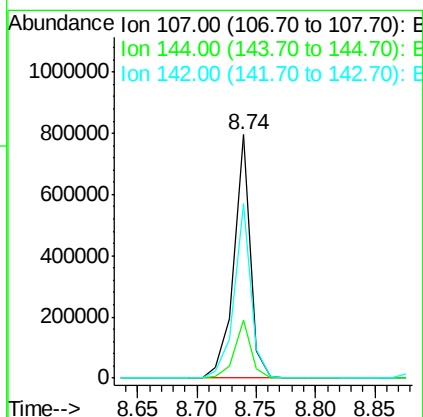
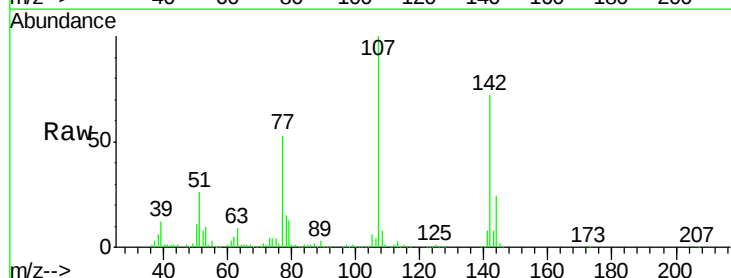
Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

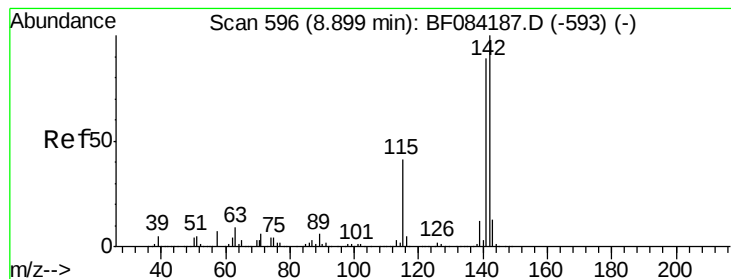
Tgt Ion:113 Resp: 222758
 Ion Ratio Lower Upper
 113 100
 55 228.0 116.9 156.9#
 56 176.0 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.52 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:107 Resp: 771120
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.7 29.5
 142 71.6 61.8 92.6

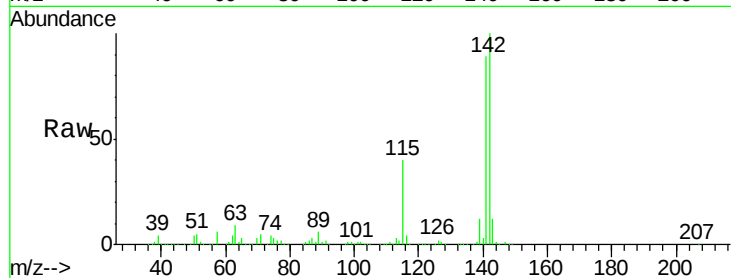




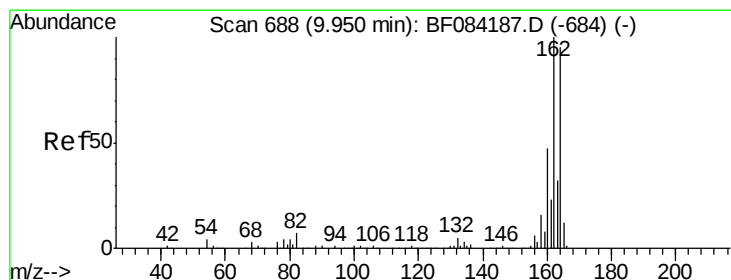
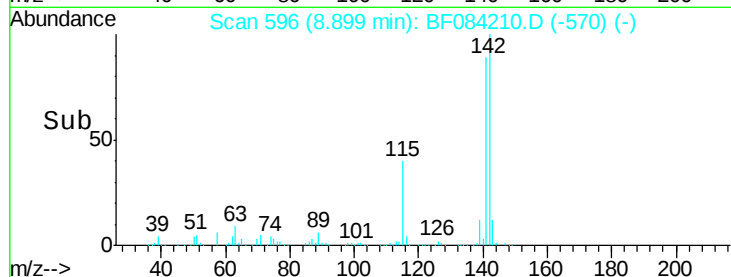
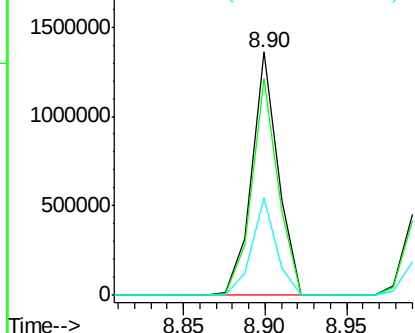
#37
 2-Methylnaphthalene
 Concen: 37.63 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tgt Ion:142 Resp: 1526678
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.4 108.6
 115 40.0 27.9 41.9

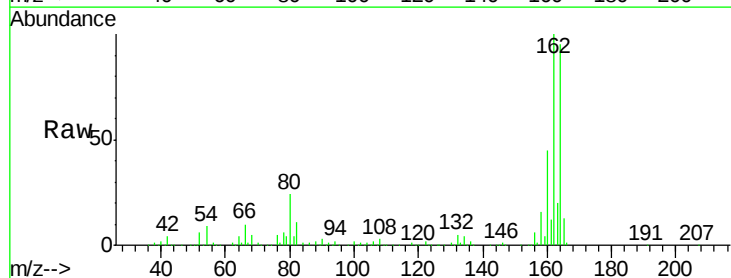


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

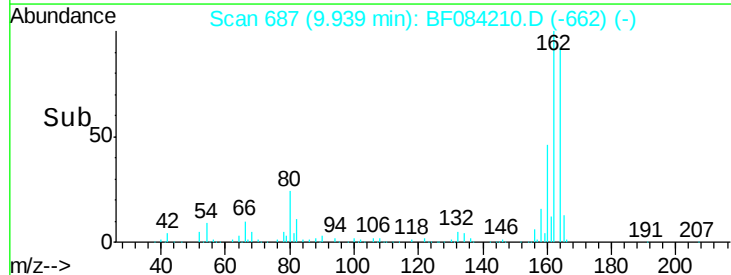
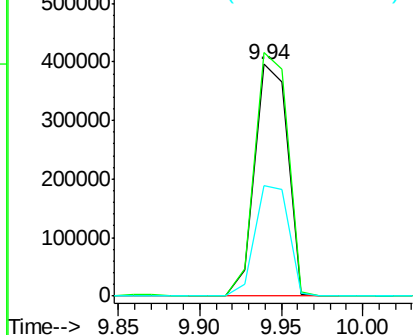


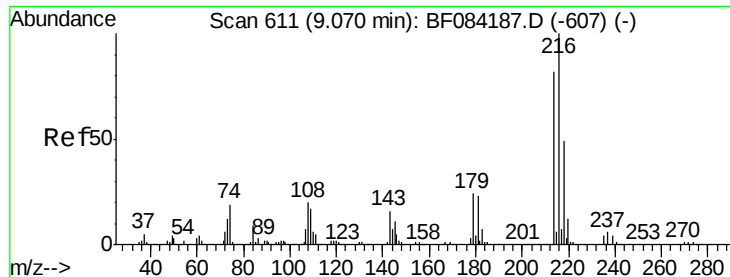
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:164 Resp: 557103
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 47.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.61 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

Tgt Ion:216 Resp: 682441

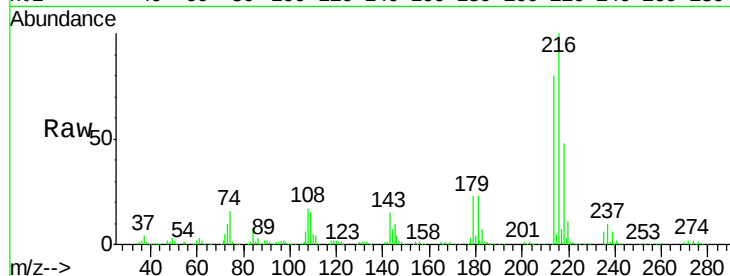
Ion Ratio Lower Upper

216 100

214 79.1 64.2 96.2

179 24.1 18.7 28.1

108 24.6 16.8 25.2

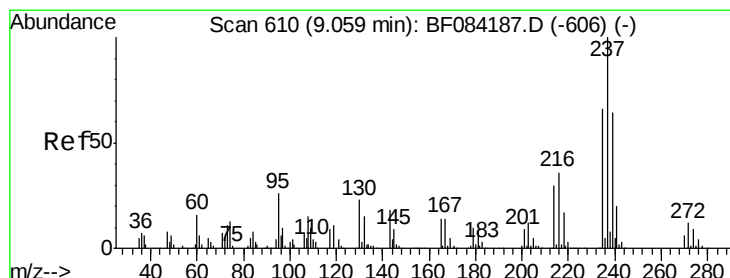
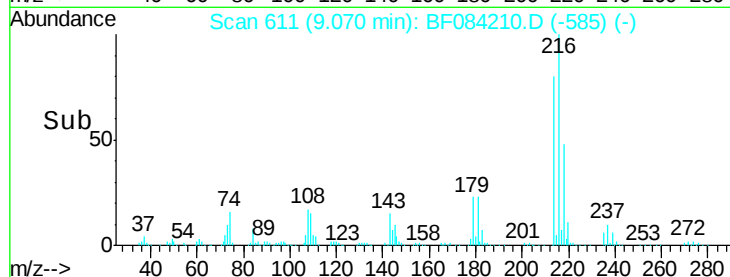
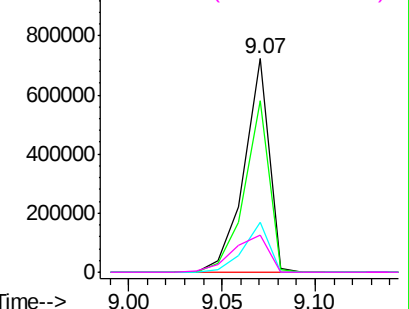


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.86 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

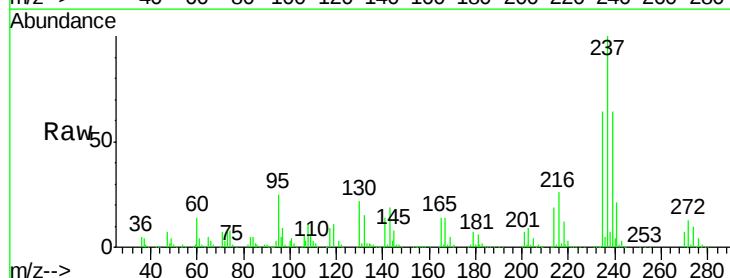
Tgt Ion:237 Resp: 849446

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

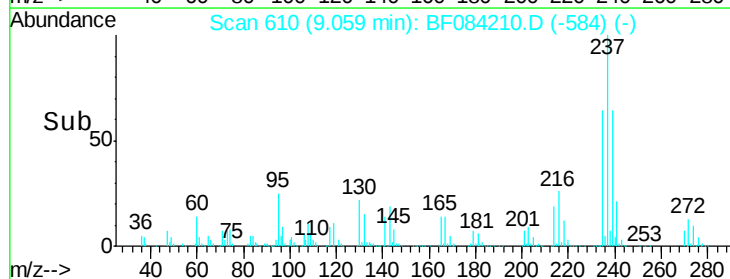
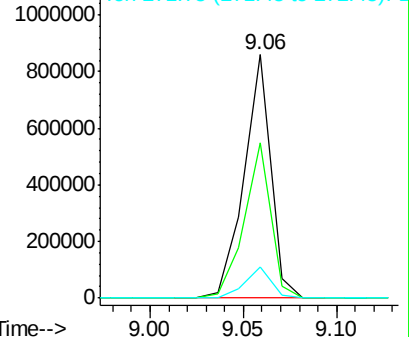
272 12.6 0.0 35.1

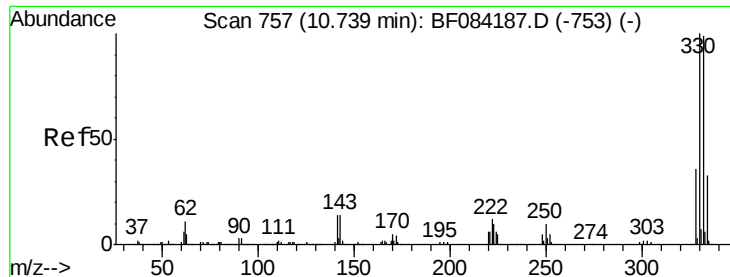


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

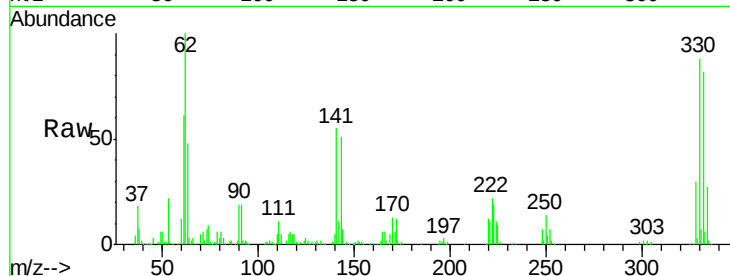




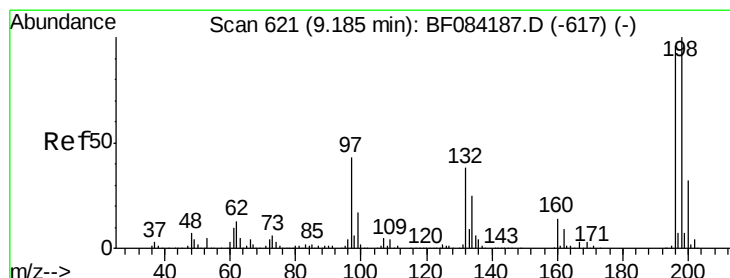
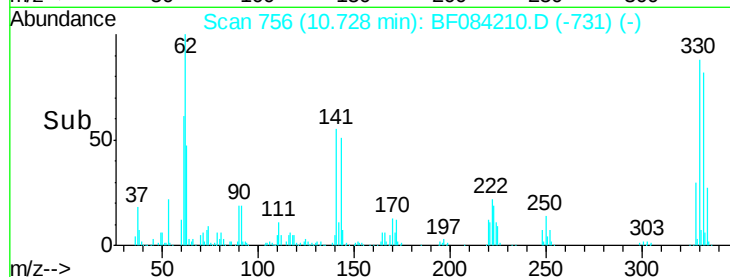
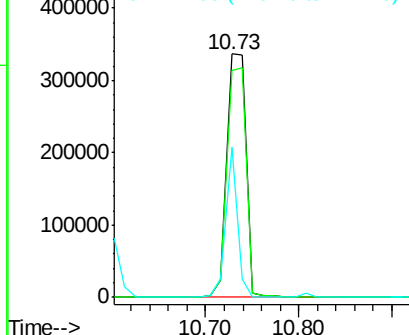
#41
 2,4,6-Tribromophenol
 Concen: 86.58 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tgt Ion:330 Resp: 486945
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 37.4 27.8 41.6

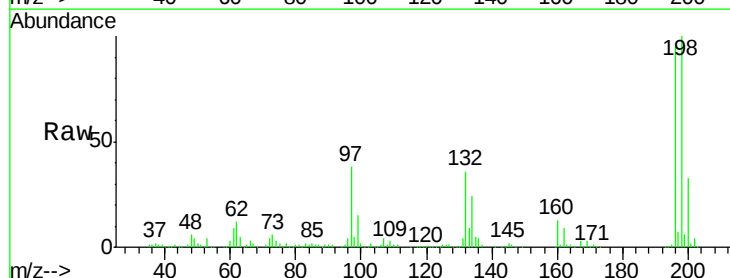


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

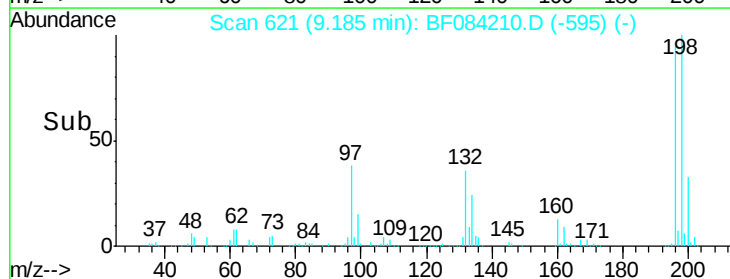
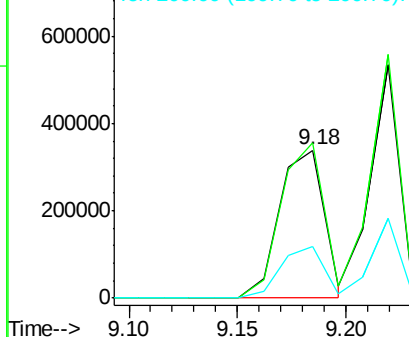


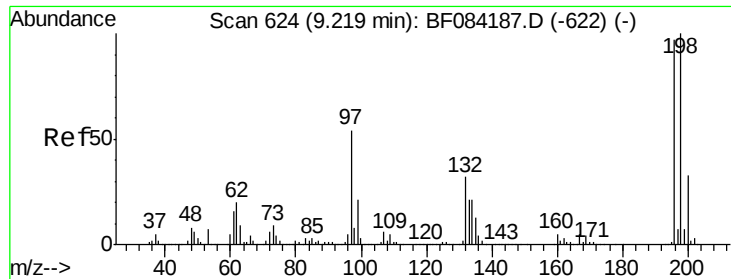
#42
 2,4,6-Trichlorophenol
 Concen: 40.88 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:196 Resp: 489785
 Ion Ratio Lower Upper
 196 100
 198 104.8 77.7 116.5
 200 35.0 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

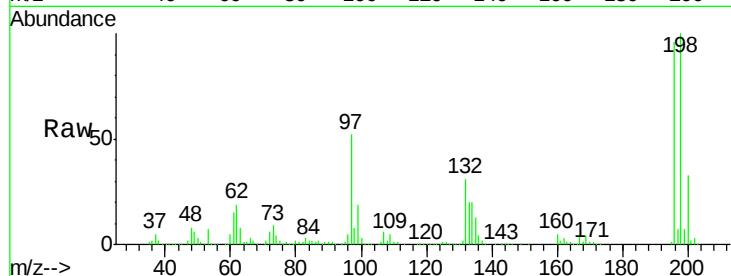




#43
 2,4,5-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.2	79.0	118.6
97	54.5	33.0	49.6
132	31.8	21.1	31.7



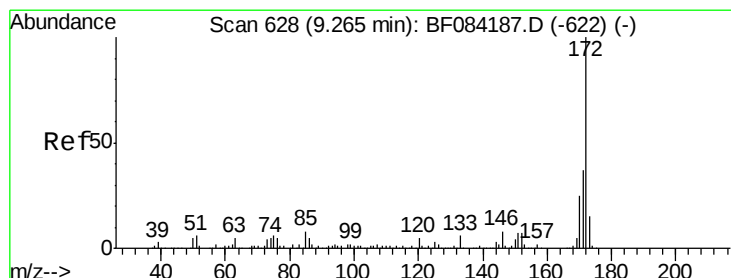
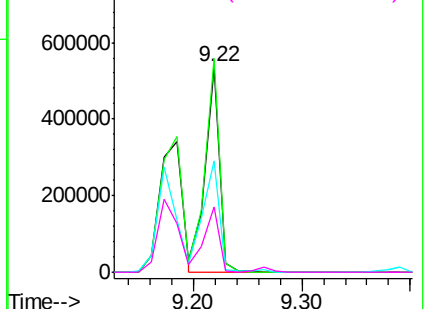
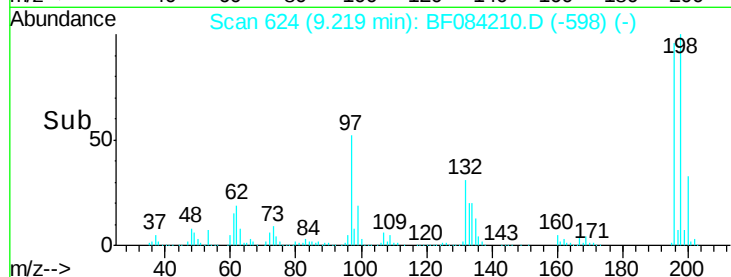
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

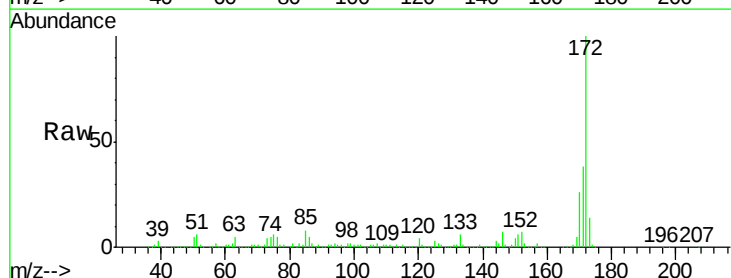
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.94 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.9	43.3
170	26.1	18.6	27.8

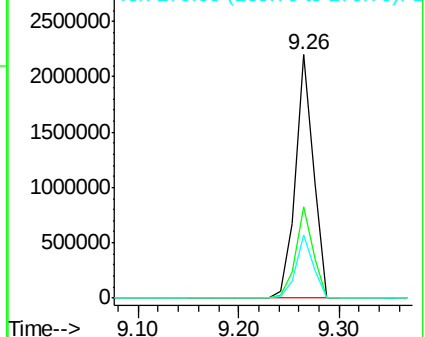
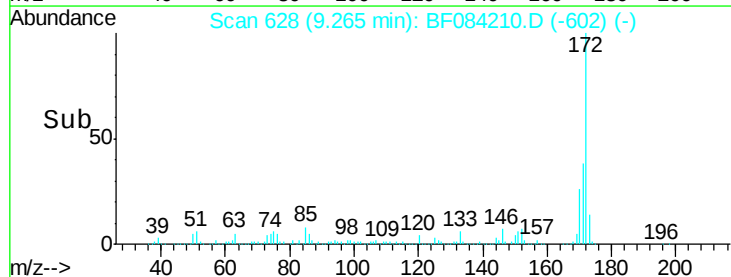


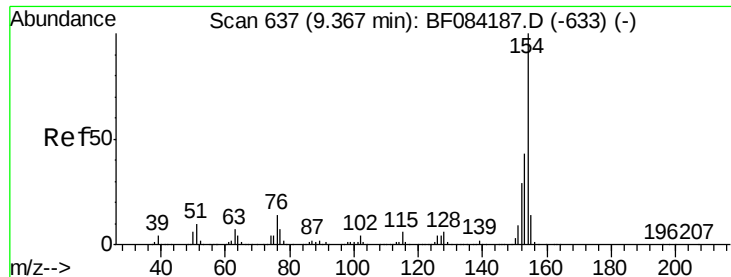
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

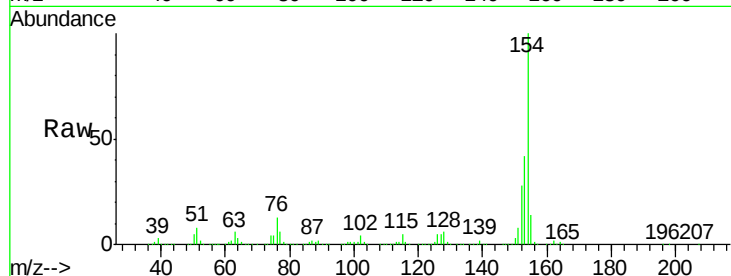




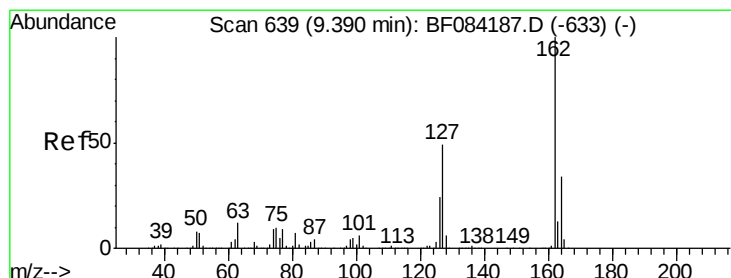
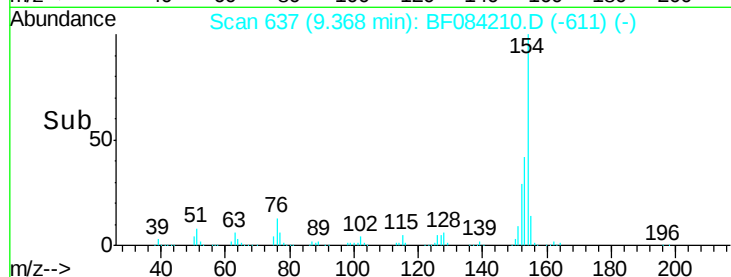
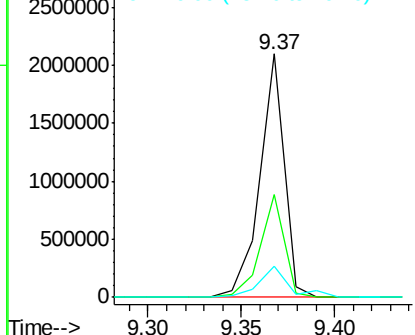
#45
 1,1'-Biphenyl
 Concen: 42.52 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tgt Ion:154 Resp: 1882494
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.6 61.6
 76 12.9 0.0 32.7

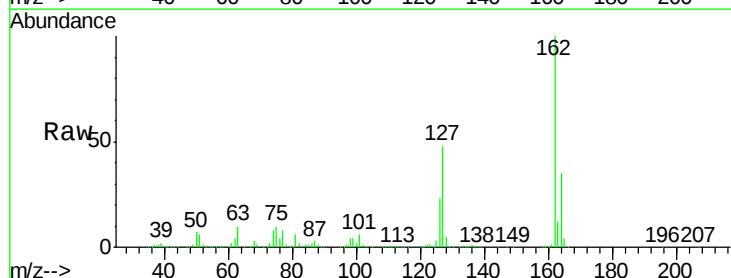


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

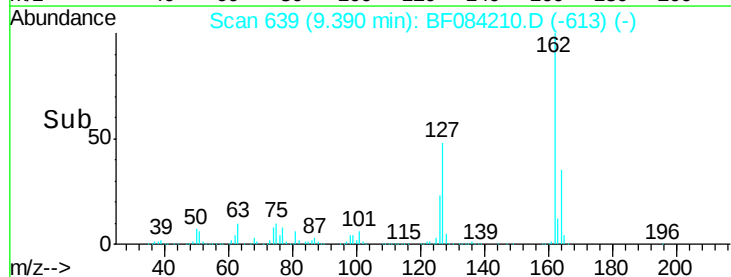
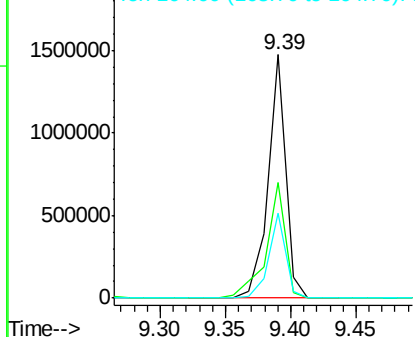


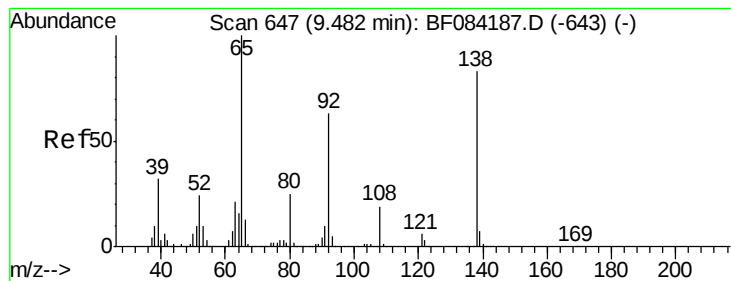
#46
 2-Chloronaphthalene
 Concen: 40.11 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:162 Resp: 1395033
 Ion Ratio Lower Upper
 162 100
 127 47.5 40.2 60.4
 164 34.6 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.26 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

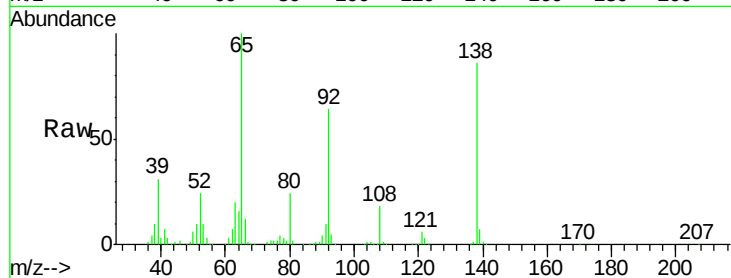
Tgt Ion: 65 Resp: 473640

Ion Ratio Lower Upper

65 100

92 64.1 53.4 80.2

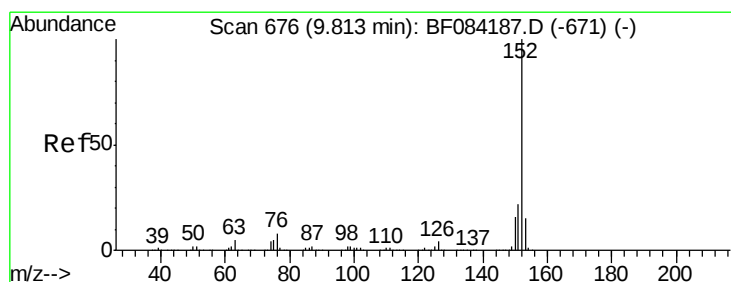
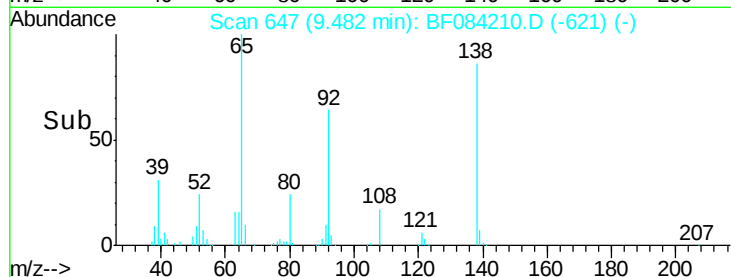
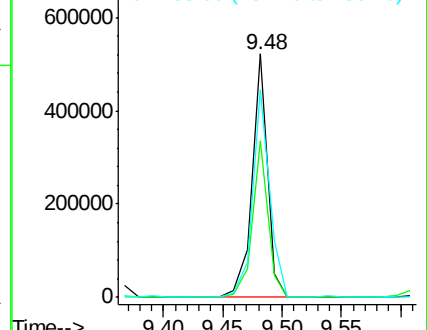
138 85.5 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.13 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

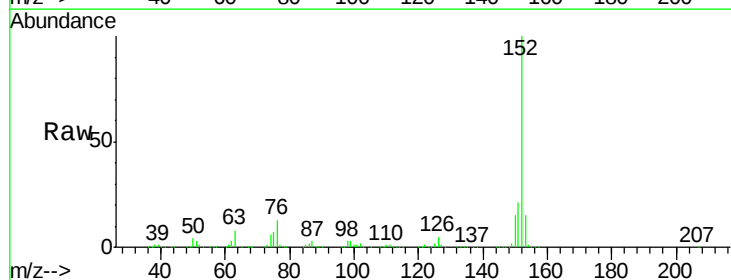
Tgt Ion: 152 Resp: 2164745

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

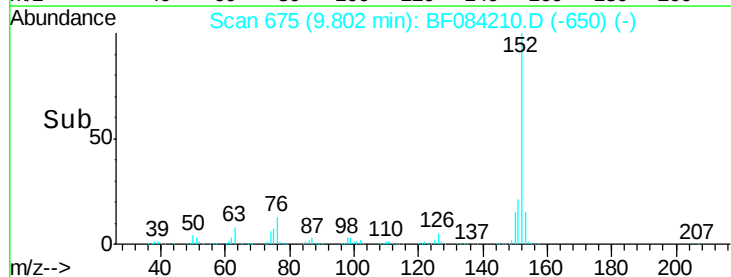
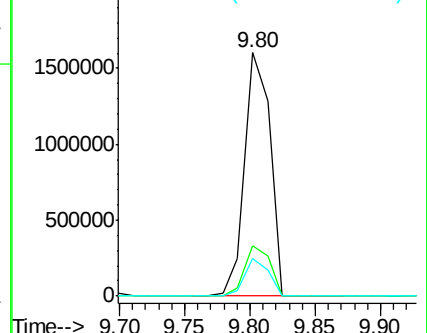
153 15.3 10.4 15.6

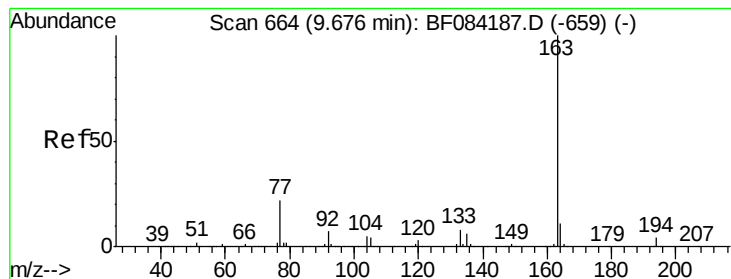


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.43 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

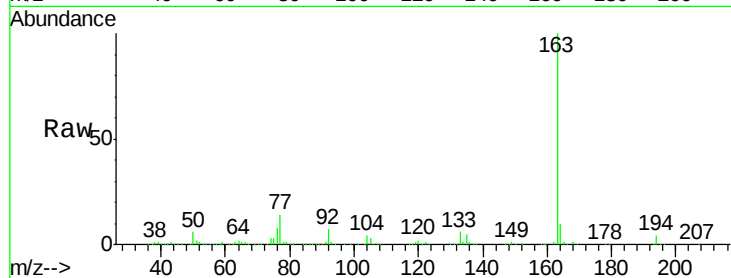
Tgt Ion:163 Resp: 1729704

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

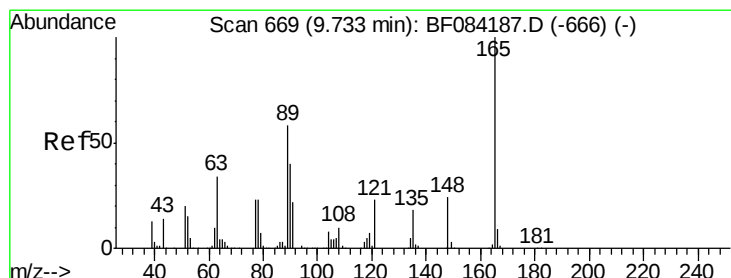
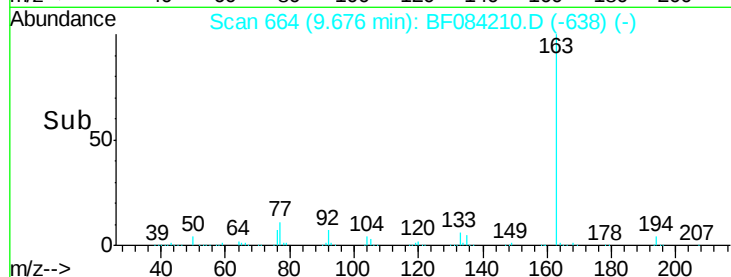
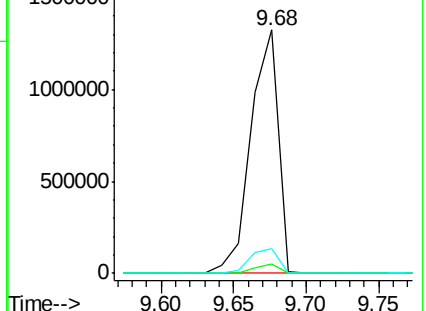
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.90 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

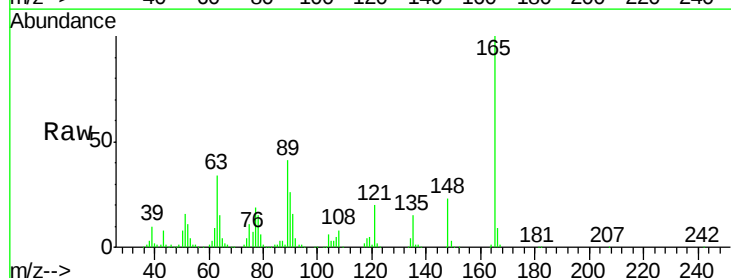
Tgt Ion:165 Resp: 392193

Ion Ratio Lower Upper

165 100

63 33.5 28.8 43.2

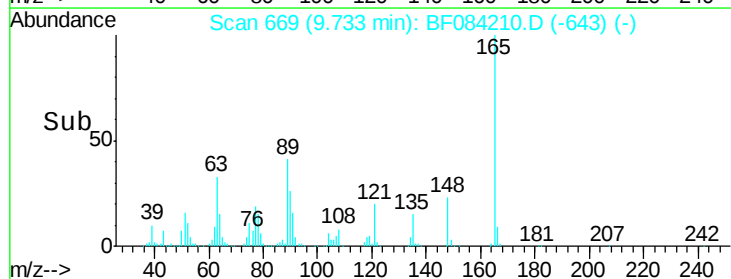
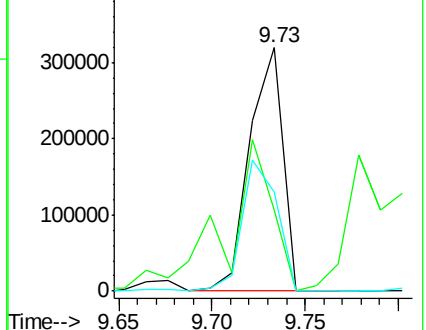
89 40.6 35.1 52.7

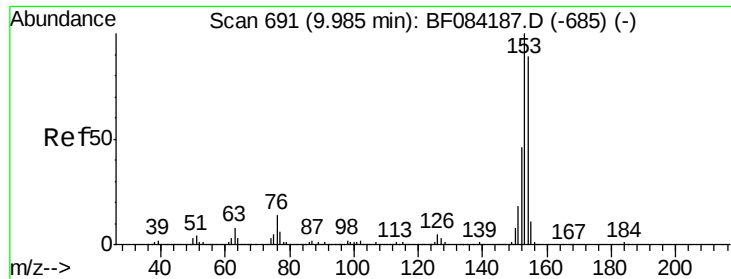


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.51 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

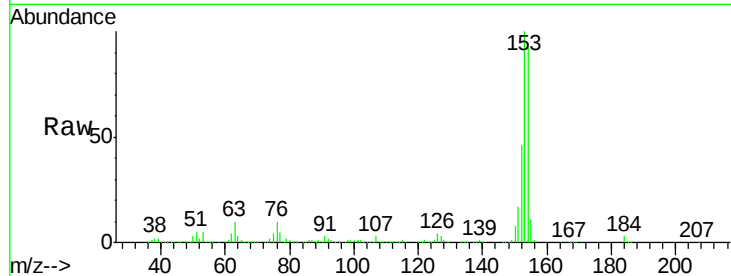
Tgt Ion:154 Resp: 1568559

Ion Ratio Lower Upper

154 100

153 108.3 91.5 137.3

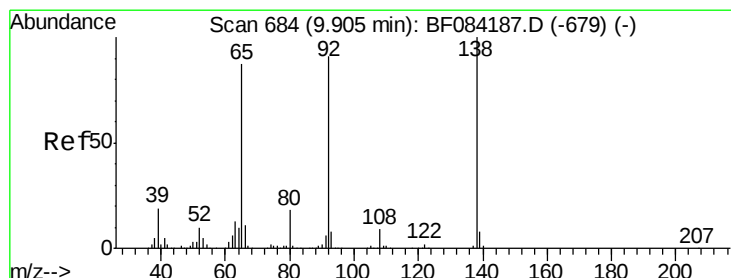
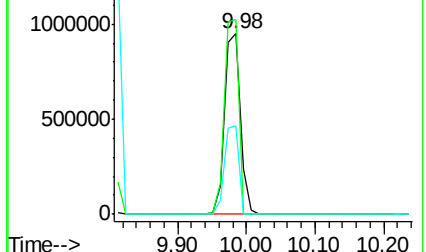
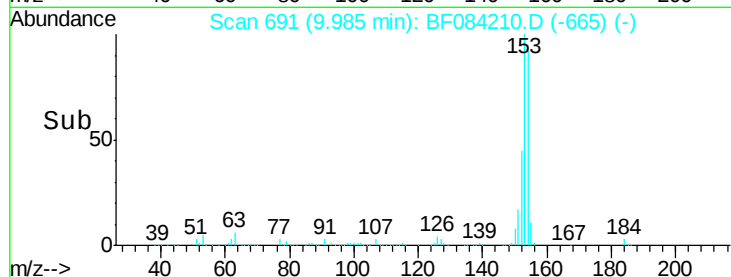
152 49.4 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.49 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

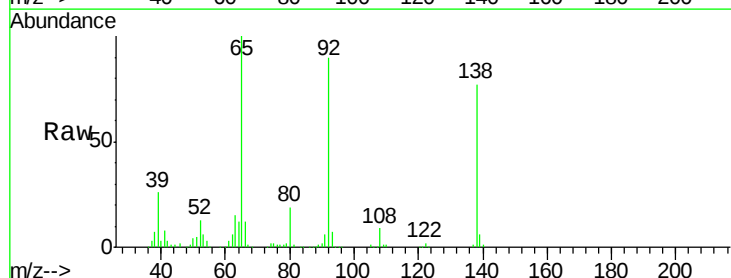
Tgt Ion:138 Resp: 243476

Ion Ratio Lower Upper

138 100

108 11.0 10.5 15.7

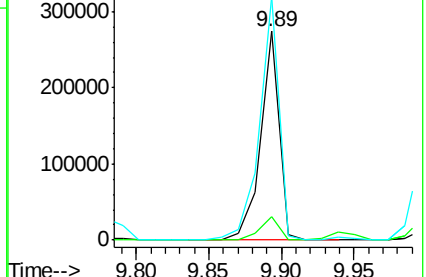
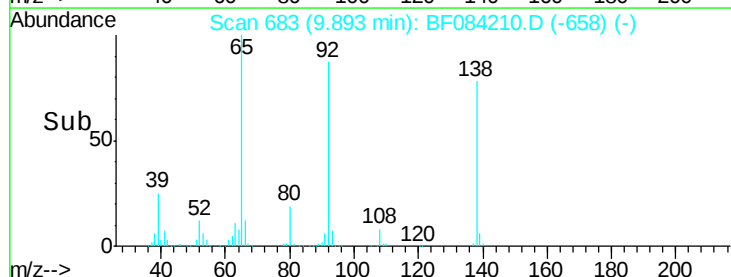
92 116.5 103.9 155.9

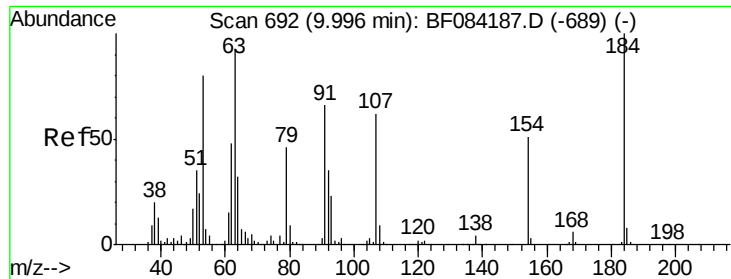


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

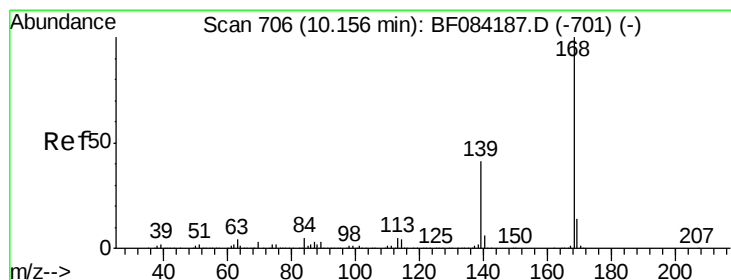
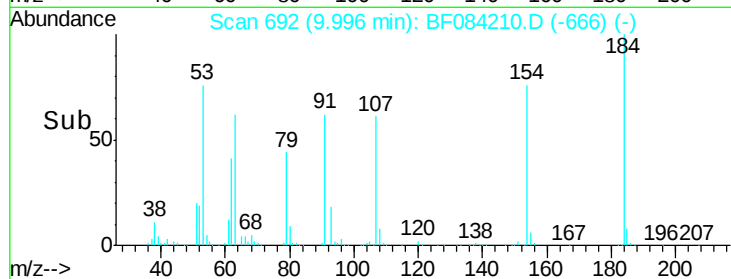
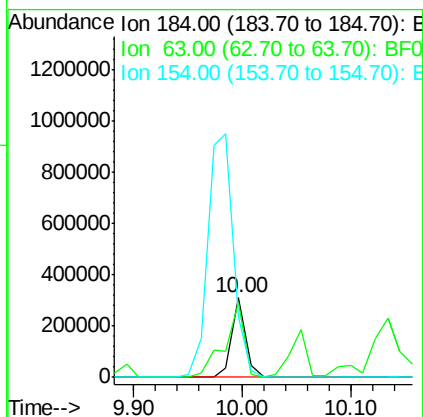
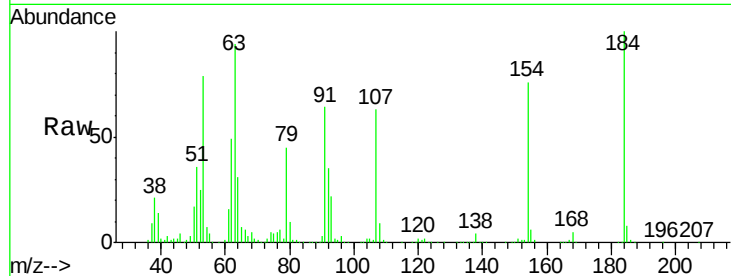




#53
2,4-Dinitrophenol
Concen: 73.63 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

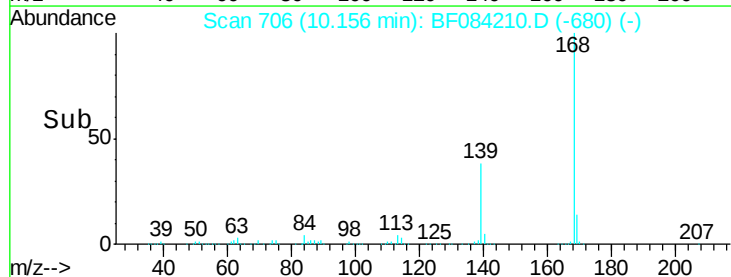
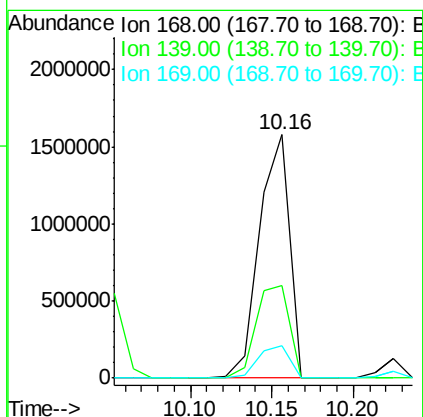
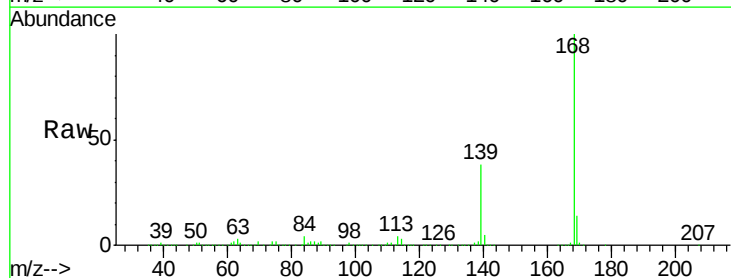
Instrument :
BNA_F
ClientSampleId :
PB87627BSD

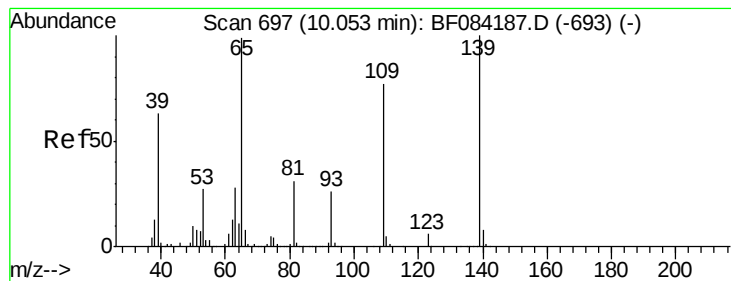
Tgt Ion:184 Resp: 272894
Ion Ratio Lower Upper
184 100
63 93.9 43.1 64.7#
154 75.9 60.5 90.7



#54
Dibenzofuran
Concen: 45.24 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion:168 Resp: 2018557
Ion Ratio Lower Upper
168 100
139 38.1 30.5 45.7
169 13.6 10.4 15.6





#55

4-Nitrophenol

Concen: 74.43 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

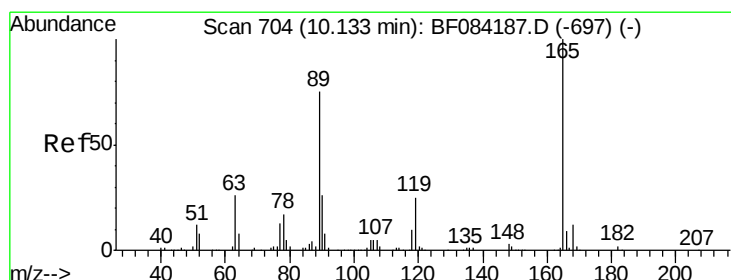
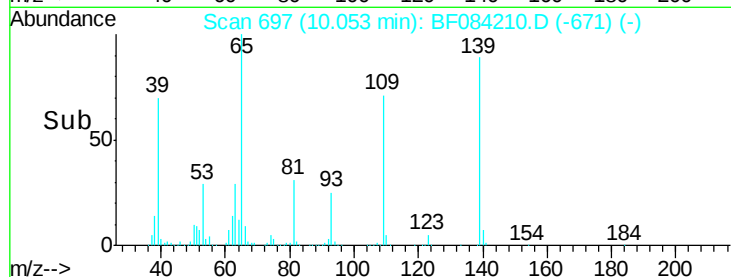
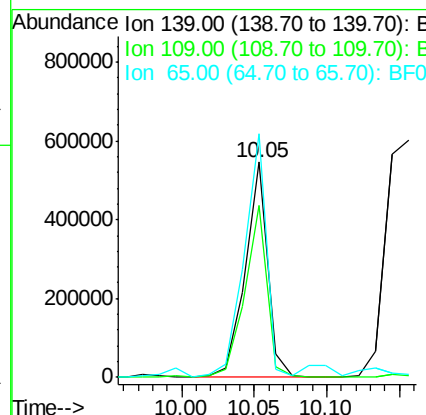
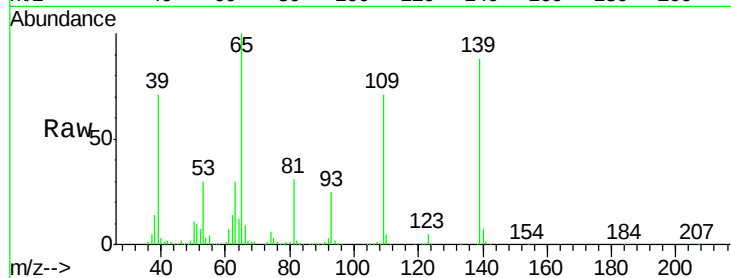
Tgt Ion:139 Resp: 584767

Ion Ratio Lower Upper

139 100

109 79.9 58.5 98.5

65 113.1 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 51.31 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:165 Resp: 567213

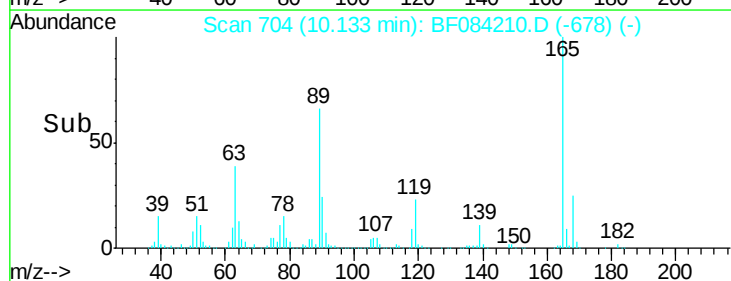
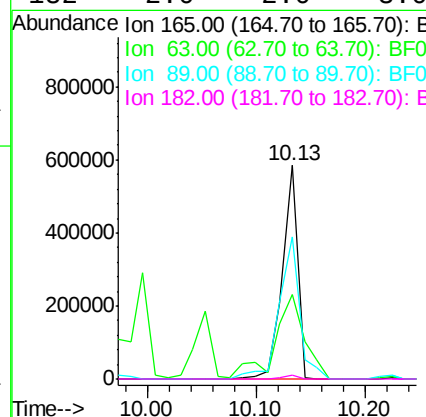
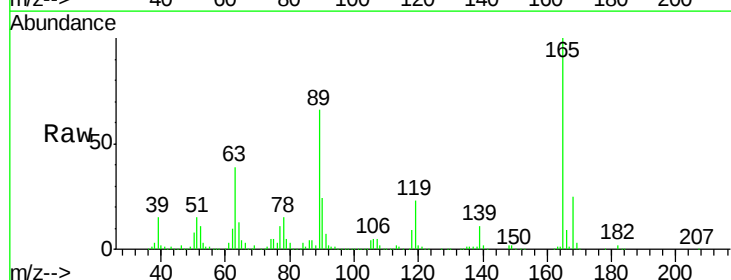
Ion Ratio Lower Upper

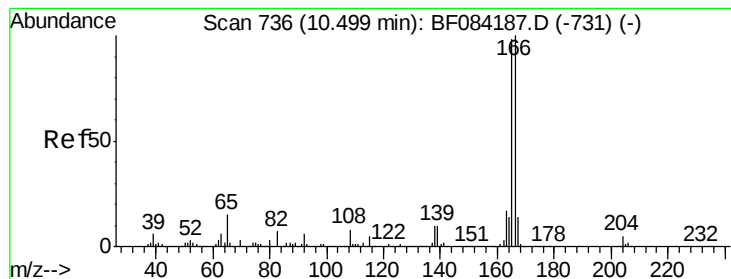
165 100

63 39.4 36.7 55.1

89 66.3 61.9 92.9

182 2.0 2.0 3.0#





#57

Fluorene

Concen: 42.27 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

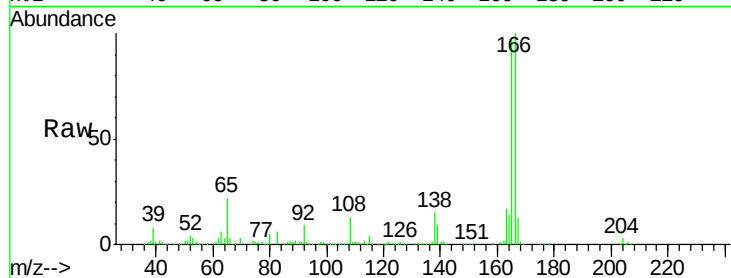
Tgt Ion:166 Resp: 1464102

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

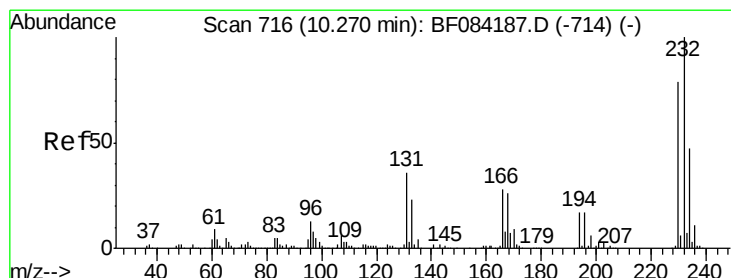
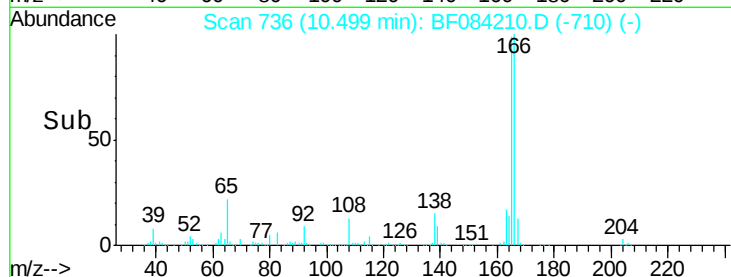
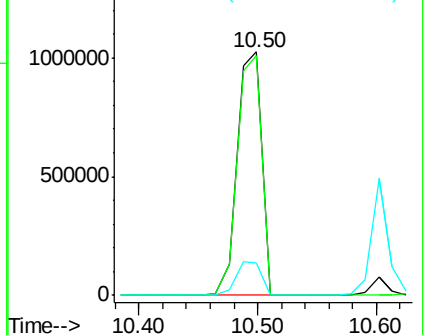
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.69 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Tgt Ion:232 Resp: 428425

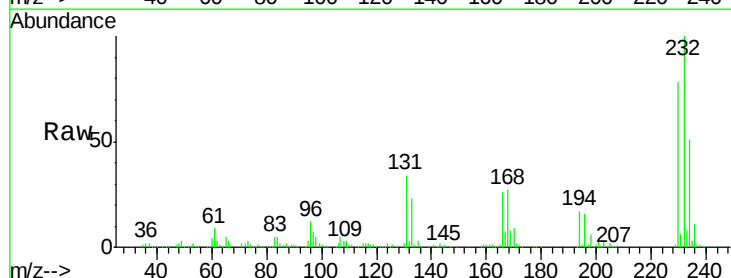
Ion Ratio Lower Upper

232 100

131 51.3 47.0 70.6

130 2.3 2.0 3.0

166 32.6 30.5 45.7

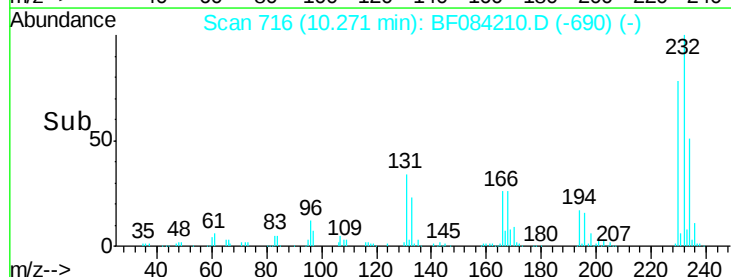
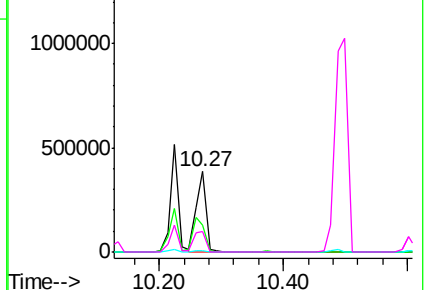


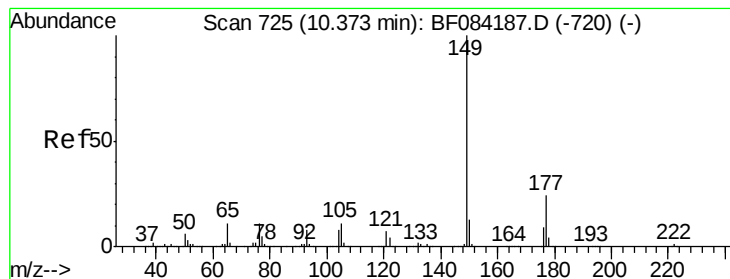
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.22 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

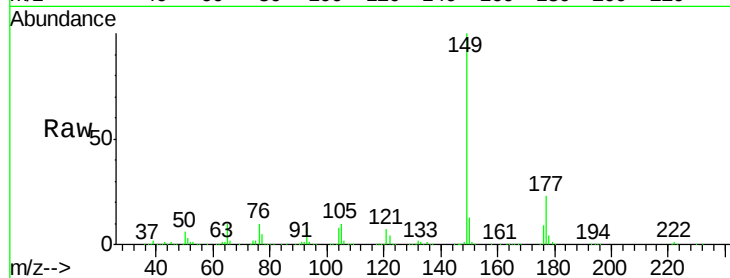
Tgt Ion:149 Resp: 1736568

Ion Ratio Lower Upper

149 100

177 23.3 17.3 25.9

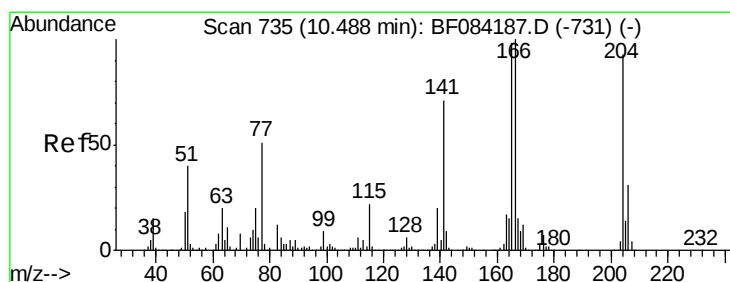
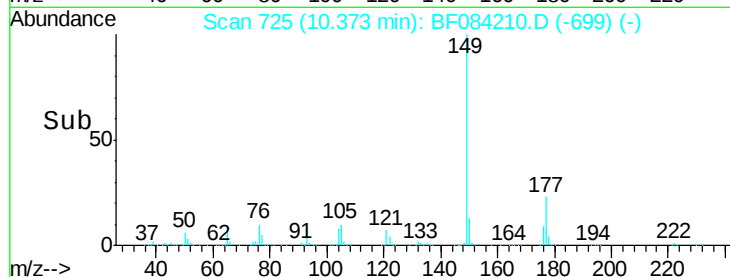
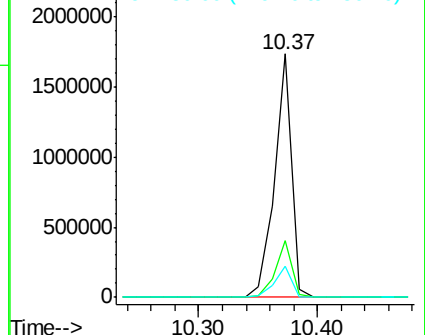
150 13.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.05 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

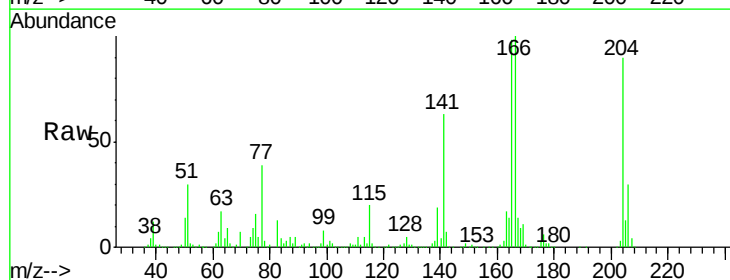
Tgt Ion:204 Resp: 739984

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

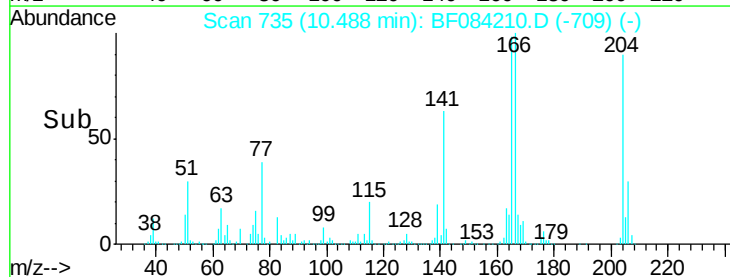
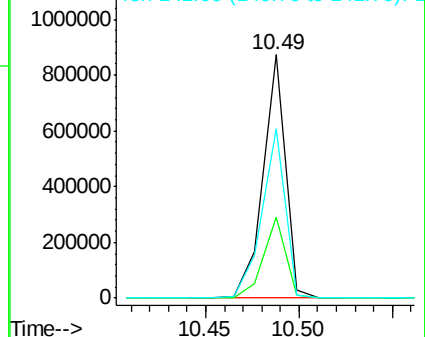
141 69.4 55.1 82.7

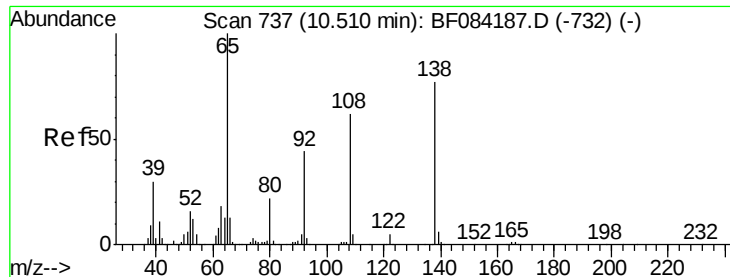


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

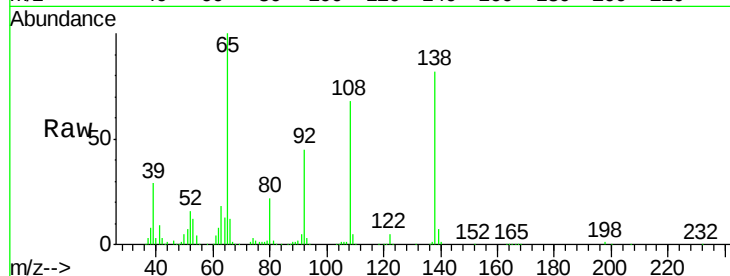




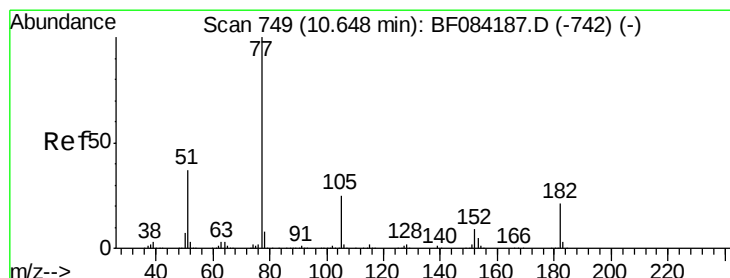
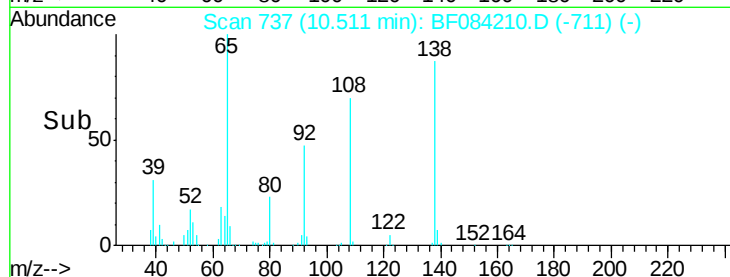
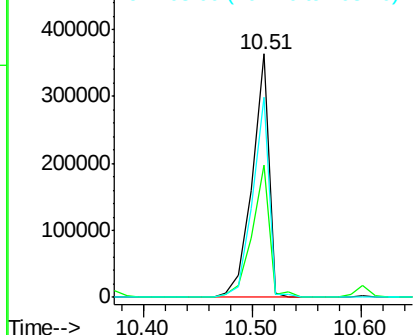
#61
4-Nitroaniline
Concen: 40.60 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Instrument :
BNA_F
ClientSampleId :
PB87627BSD

Tgt Ion: 138 Resp: 391700
Ion Ratio Lower Upper
138 100
92 54.3 32.6 72.6
108 82.3 68.6 108.6

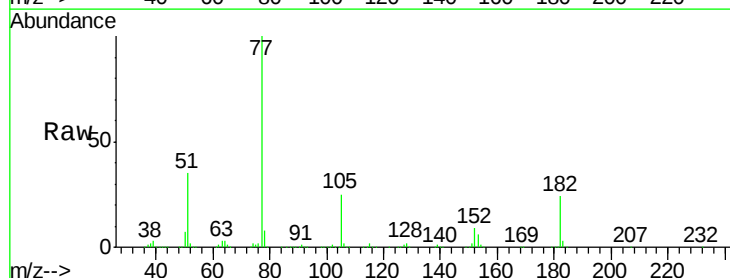


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

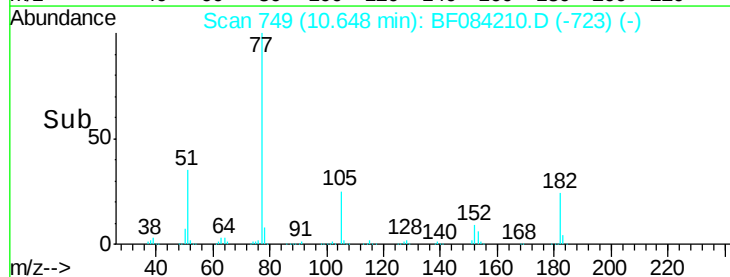
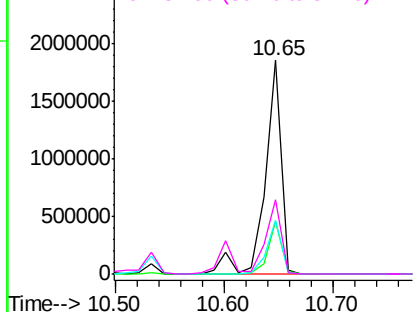


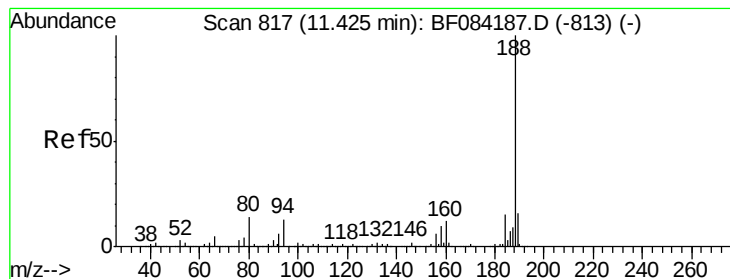
#62
Azobenzene
Concen: 45.27 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion: 77 Resp: 1949899
Ion Ratio Lower Upper
77 100
182 24.3 8.3 48.3
105 25.2 4.6 44.6
51 34.9 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

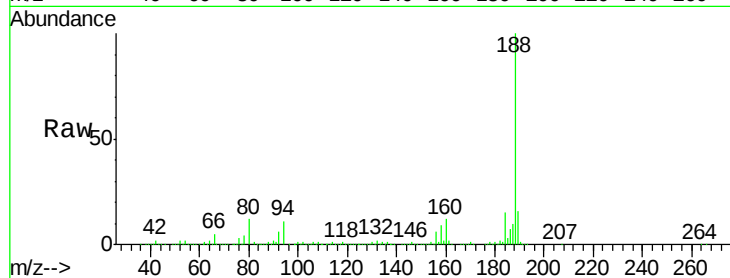
Tgt Ion:188 Resp: 1010536

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.4

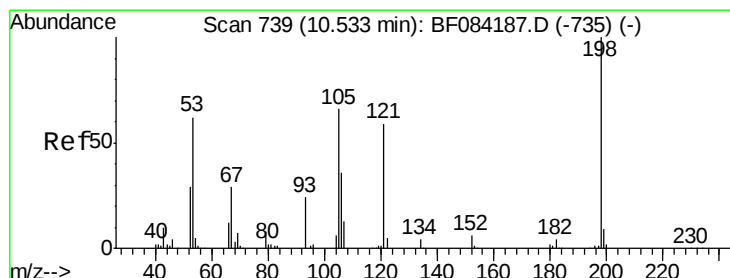
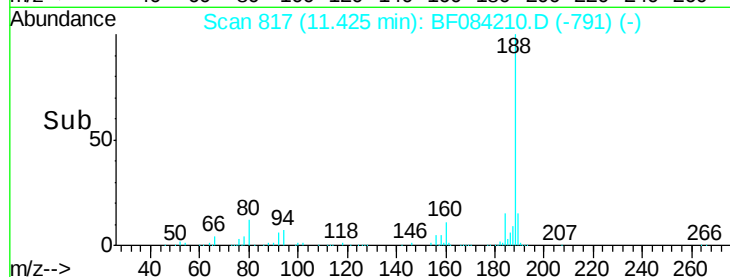
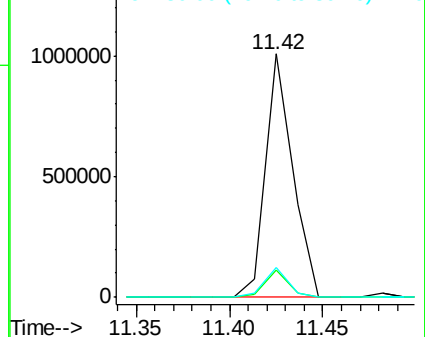
80 12.2 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.99 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

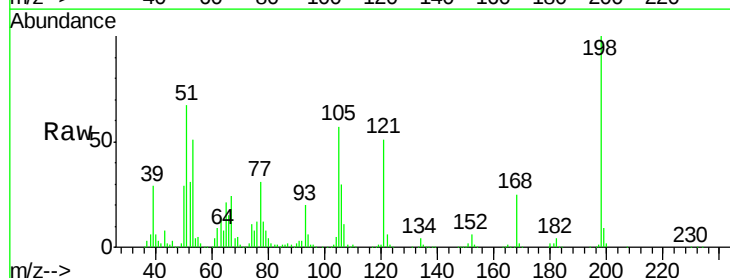
Tgt Ion:198 Resp: 228143

Ion Ratio Lower Upper

198 100

51 67.1 18.9 58.9#

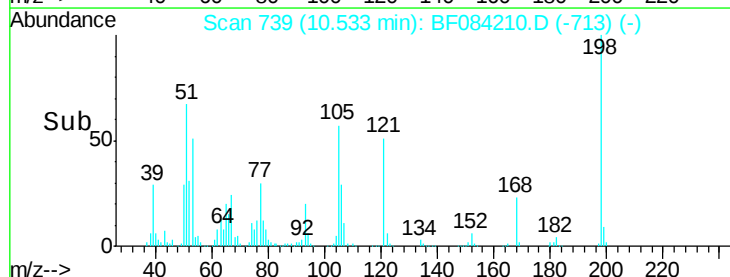
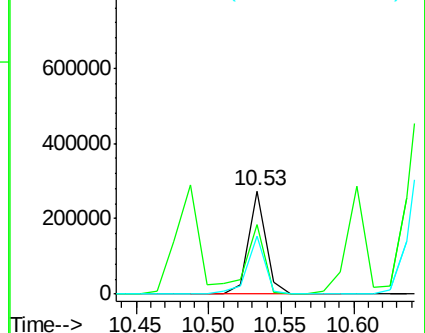
105 56.7 26.4 66.4

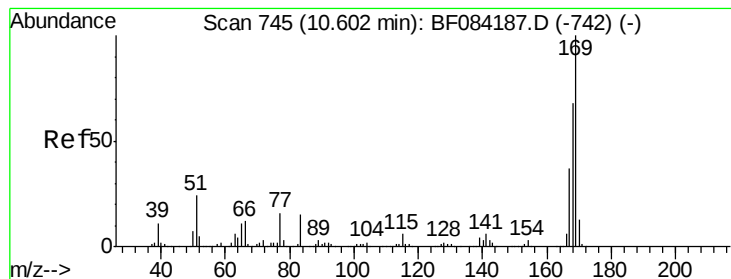


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.72 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

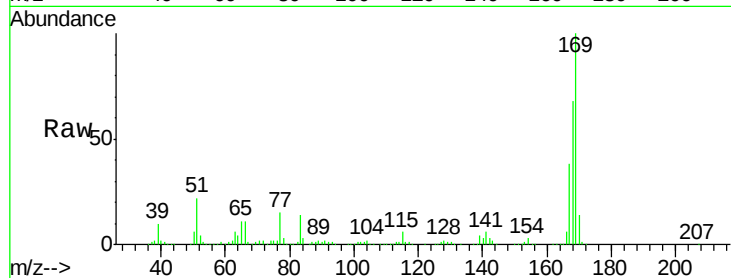
Tgt Ion:169 Resp: 1251060

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

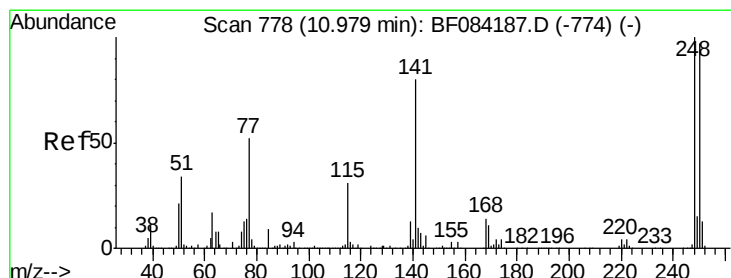
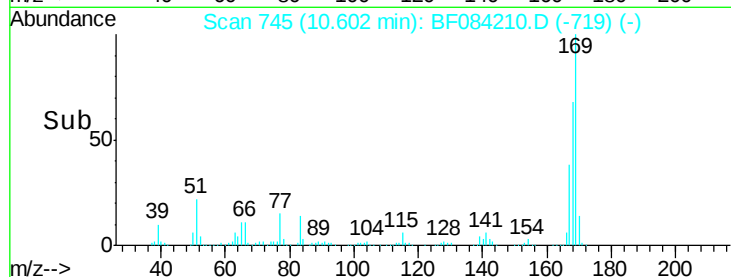
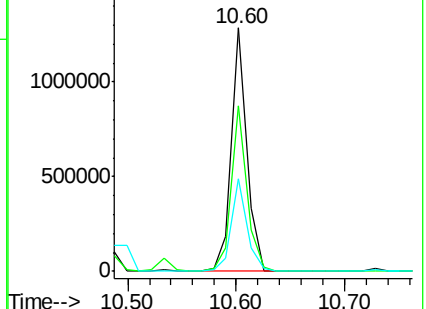
167 38.1 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.88 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

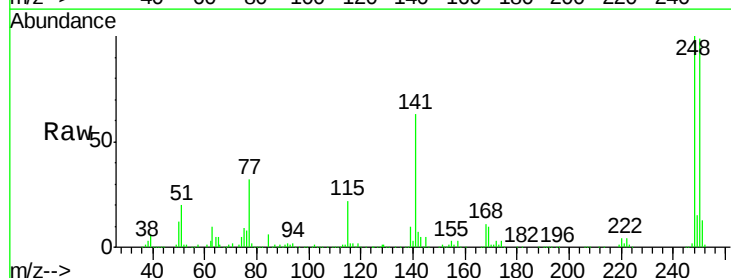
Tgt Ion:248 Resp: 488171

Ion Ratio Lower Upper

248 100

250 98.5 78.4 117.6

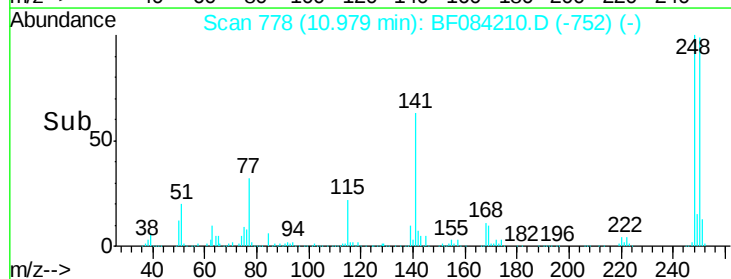
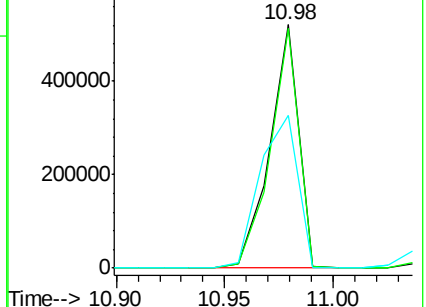
141 62.7 44.0 66.0

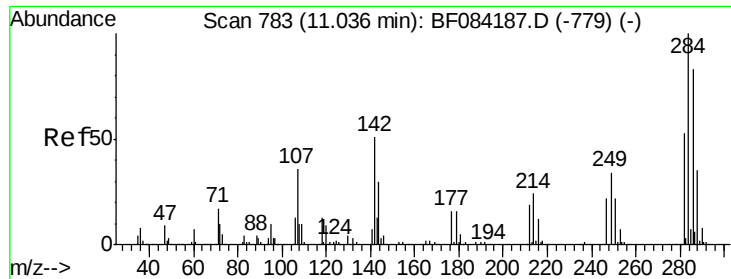


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

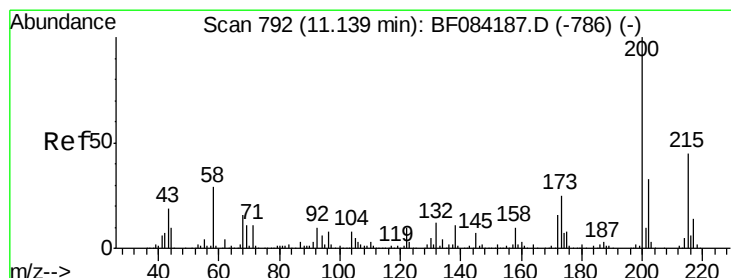
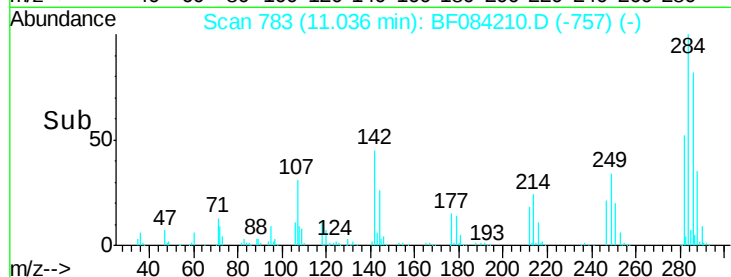
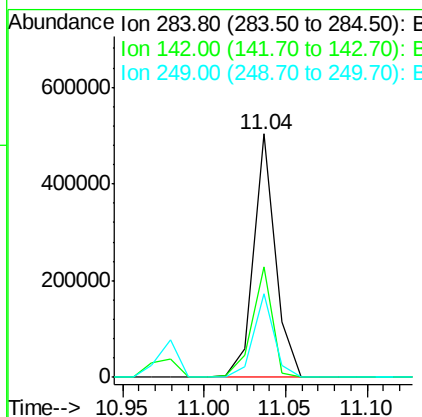
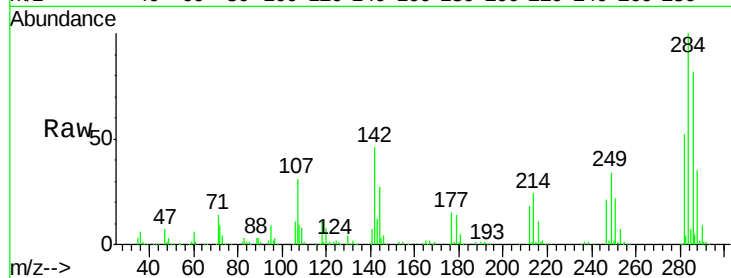




#67
Hexachlorobenzene
Concen: 38.15 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

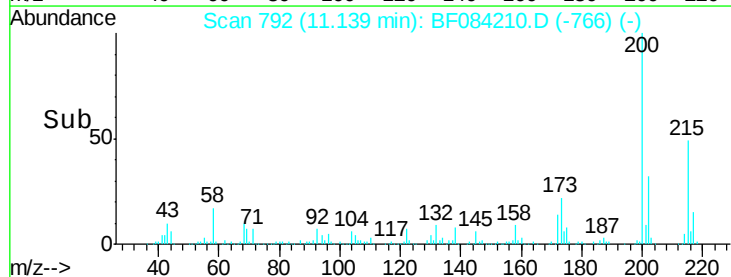
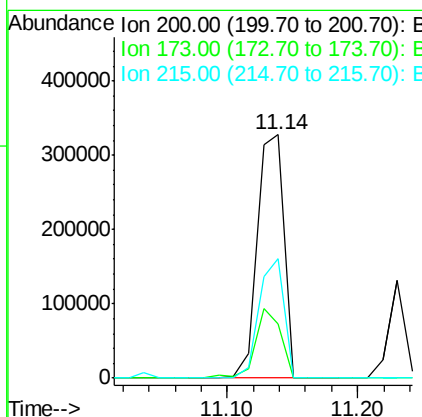
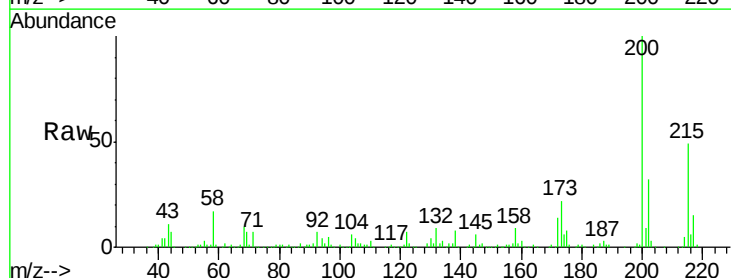
Instrument :
BNA_F
ClientSampleId :
PB87627BSD

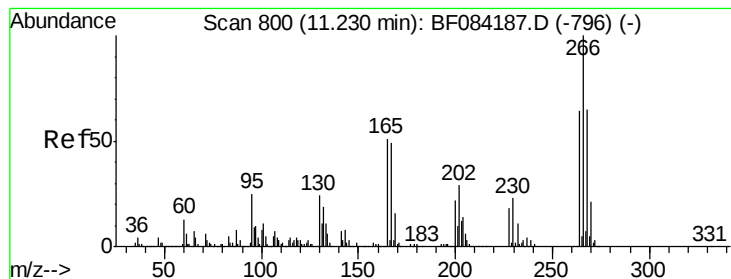
Tgt Ion:284 Resp: 466995
Ion Ratio Lower Upper
284 100
142 45.6 22.2 33.4#
249 34.2 24.6 37.0



#68
Atrazine
Concen: 44.16 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion:200 Resp: 466966
Ion Ratio Lower Upper
200 100
173 22.2 9.5 49.5
215 49.1 23.8 63.8





#69

Pentachlorophenol

Concen: 81.57 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

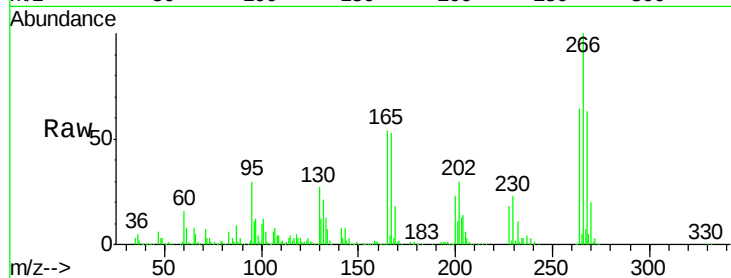
Tgt Ion:266 Resp: 517767

Ion Ratio Lower Upper

266 100

268 63.0 52.4 78.6

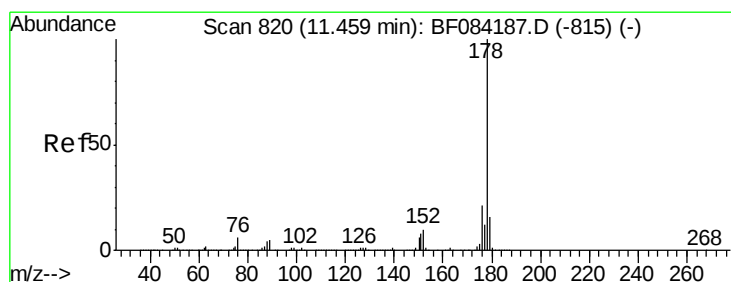
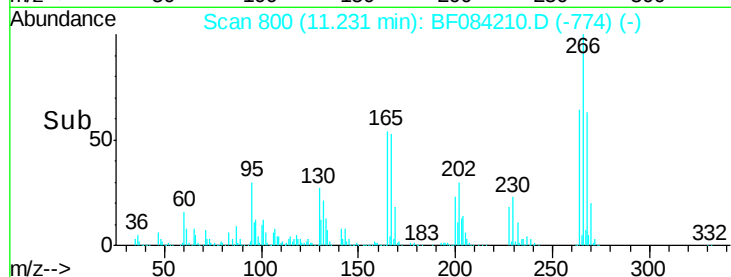
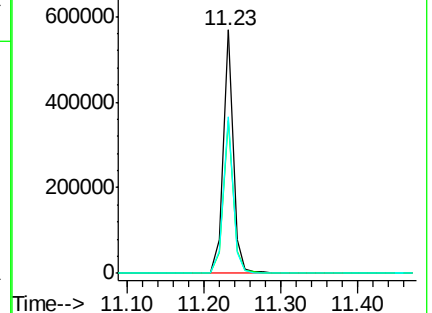
264 64.1 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.96 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

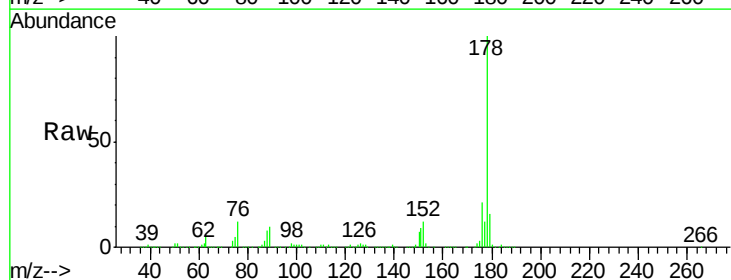
Tgt Ion:178 Resp: 2271005

Ion Ratio Lower Upper

178 100

176 20.7 15.3 22.9

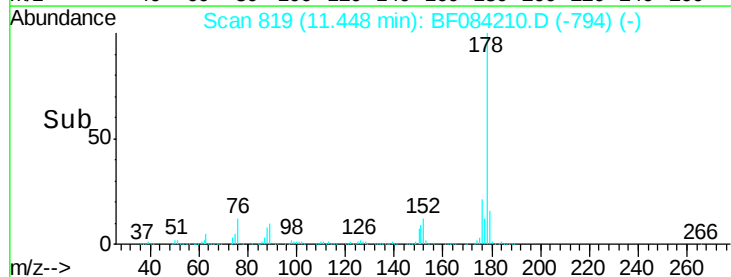
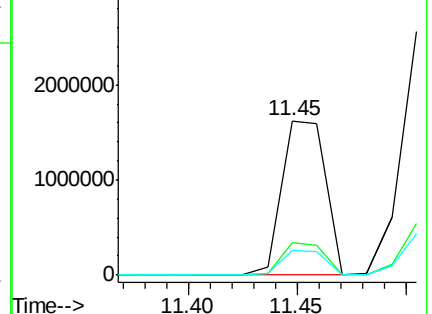
179 16.2 12.0 18.0

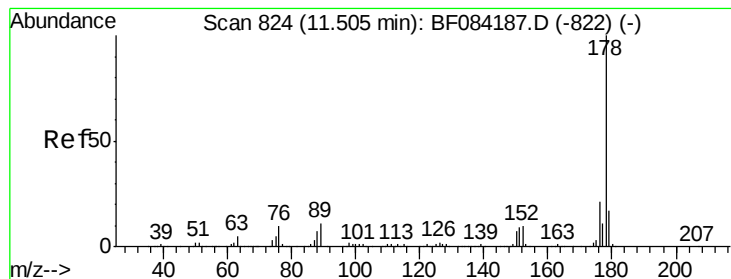


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

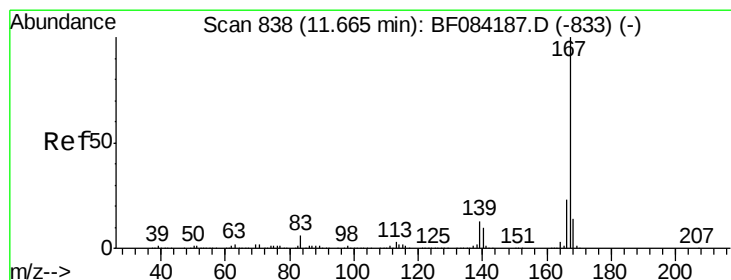
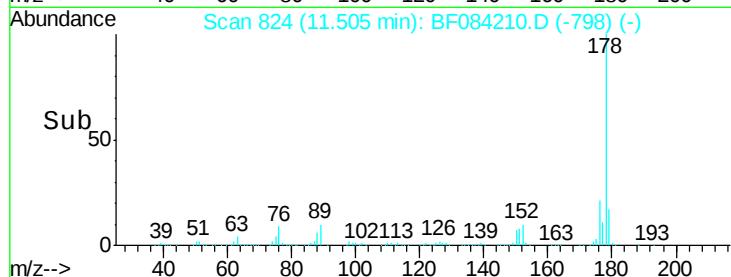
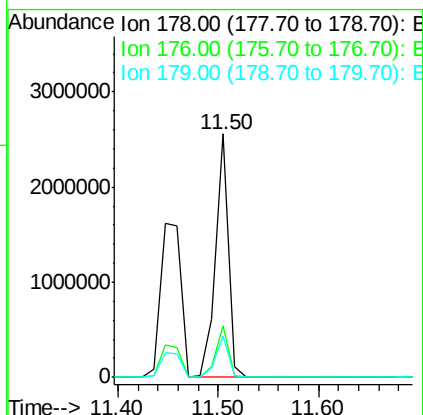
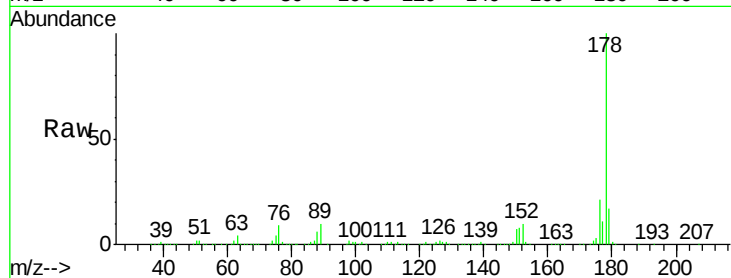




#71
 Anthracene
 Concen: 43.92 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

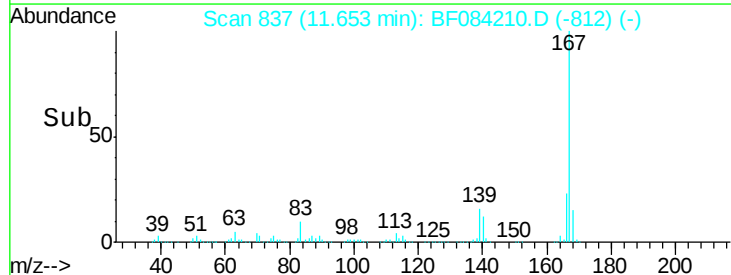
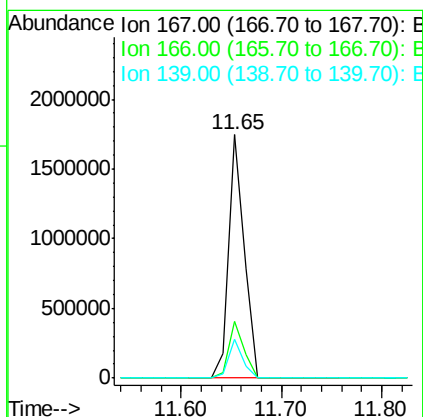
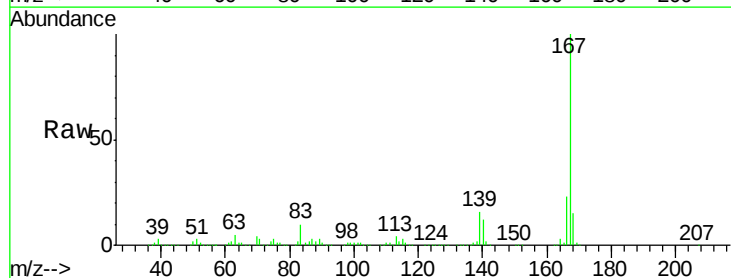
Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

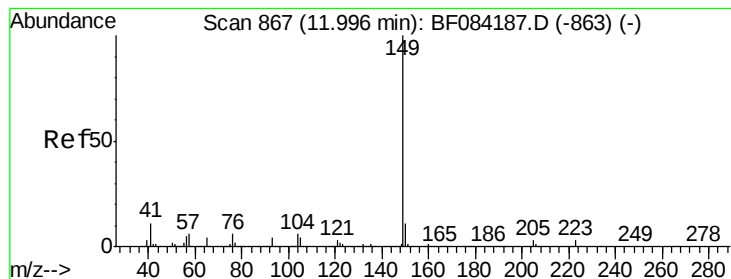
Tgt Ion:178 Resp: 2275940
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.4 23.0
 179 17.0 12.5 18.7



#72
 Carbazole
 Concen: 36.90 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:167 Resp: 1868988
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 15.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 47.57 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

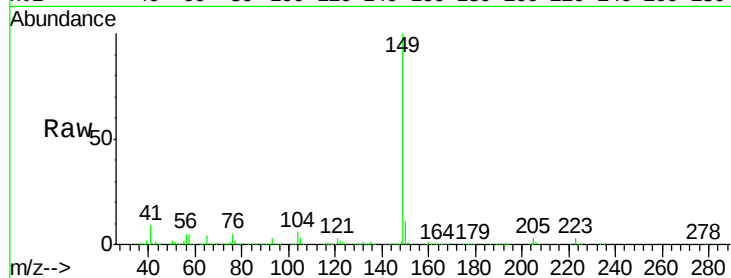
Tgt Ion:149 Resp: 2524247

Ion Ratio Lower Upper

149 100

150 10.7 7.1 10.7

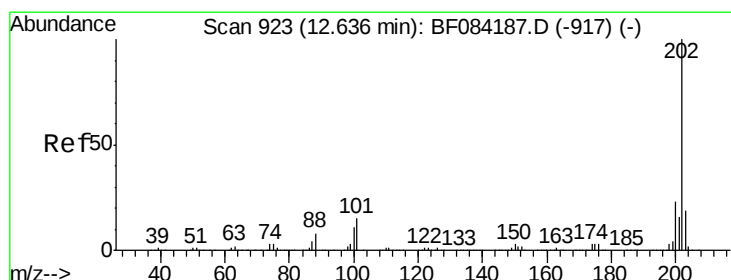
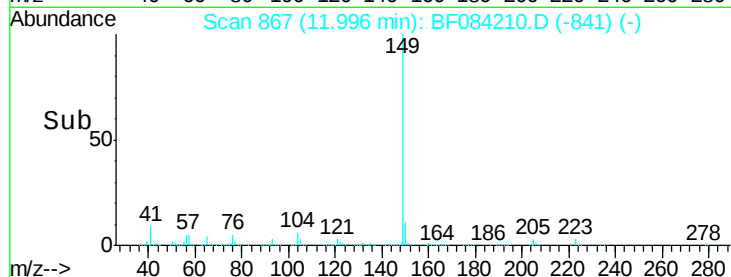
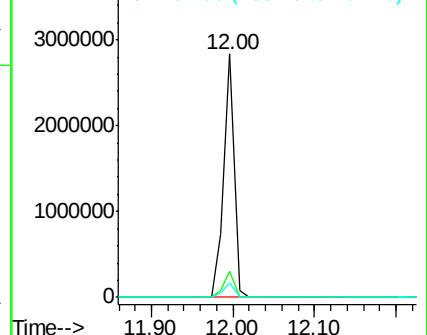
104 5.8 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.83 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

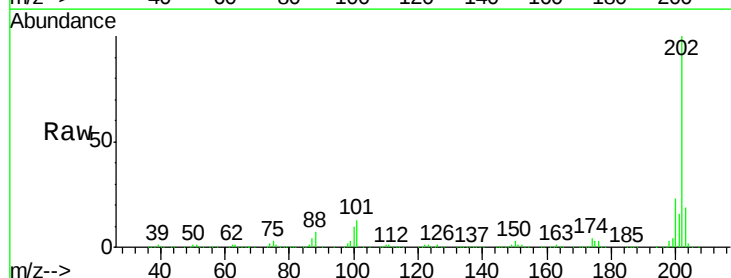
Tgt Ion:202 Resp: 2144221

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.8

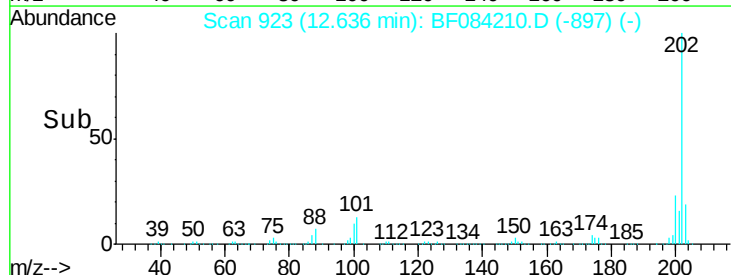
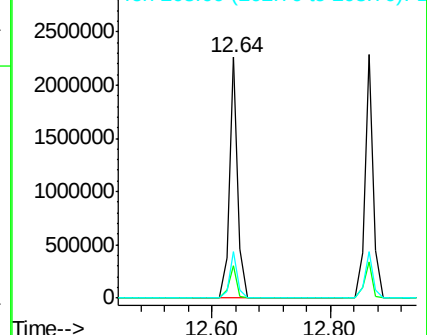
203 19.3 0.0 37.9

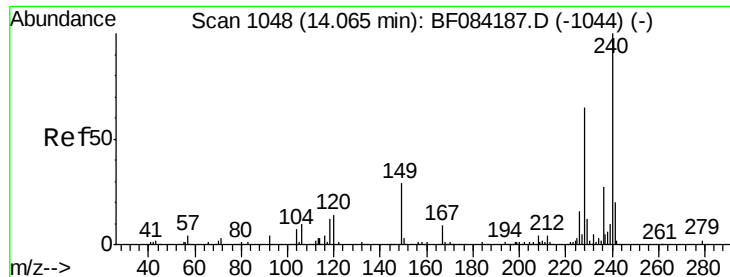


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

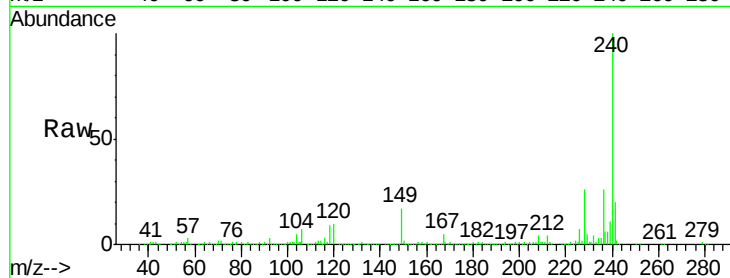
Tgt Ion:240 Resp: 769572

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

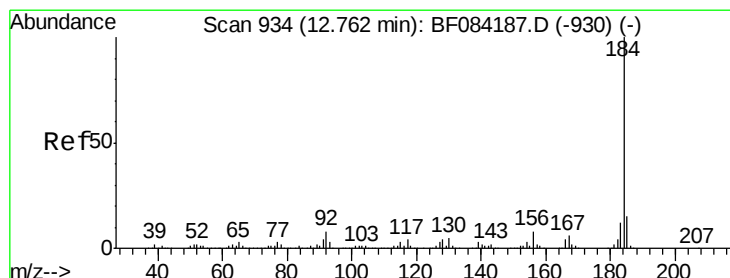
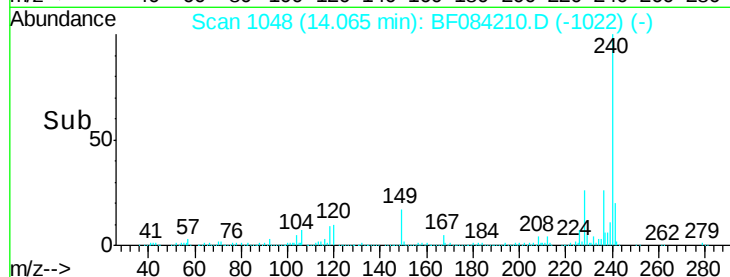
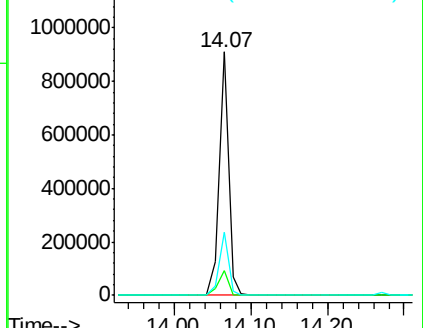
236 26.1 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.13 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

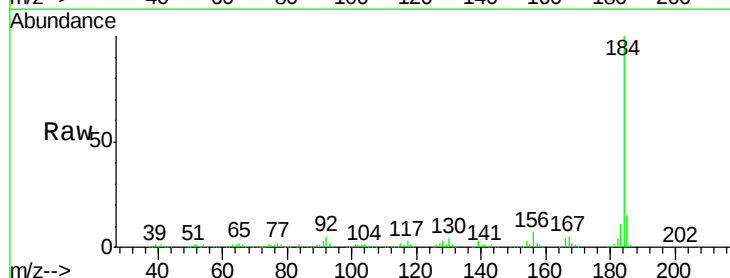
Tgt Ion:184 Resp: 665853

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

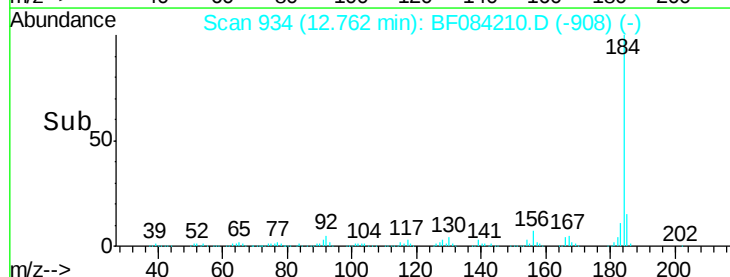
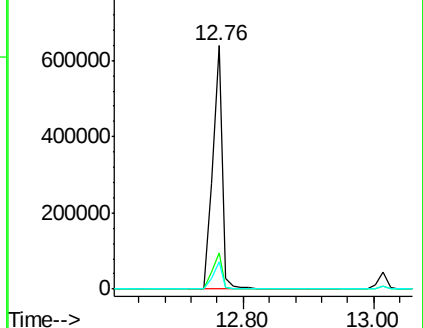
183 11.3 9.8 14.8

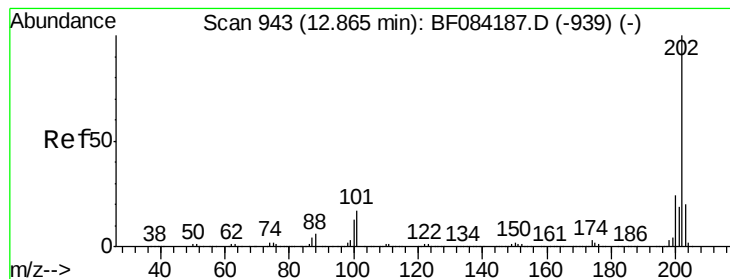


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.05 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

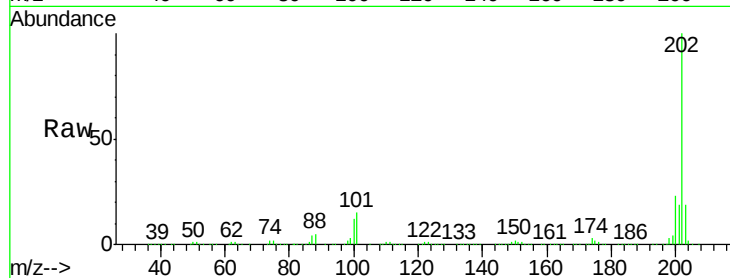
Tgt Ion:202 Resp: 2177080

Ion Ratio Lower Upper

202 100

200 22.8 17.2 25.8

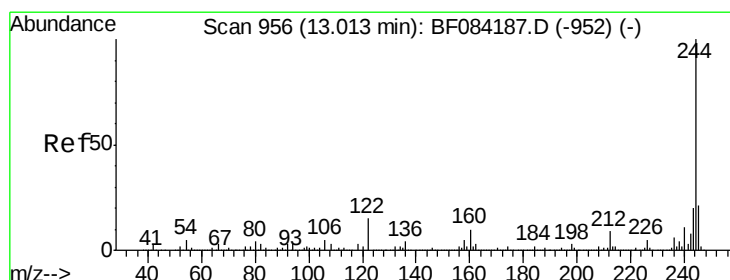
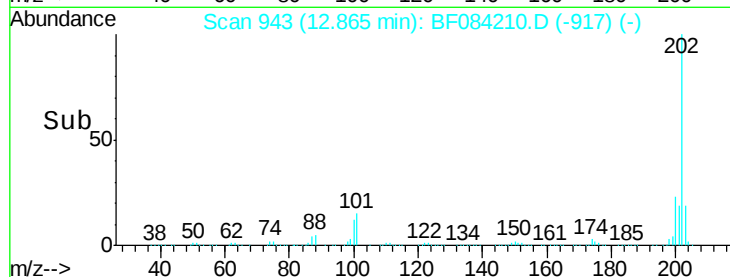
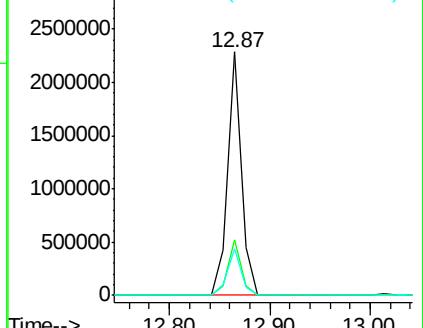
203 19.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.08 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

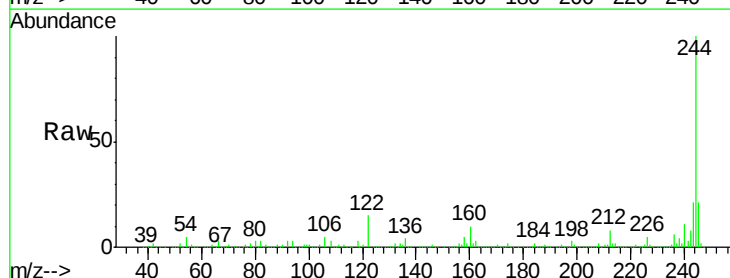
Tgt Ion:244 Resp: 2416158

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

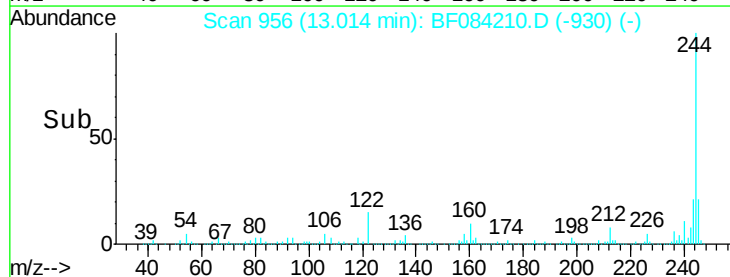
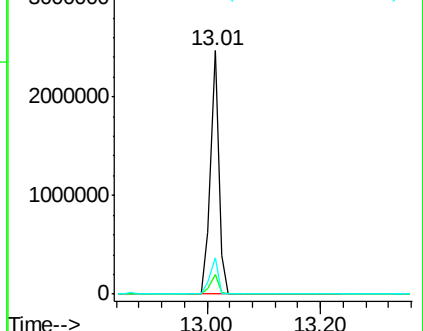
122 14.7 7.4 11.0#

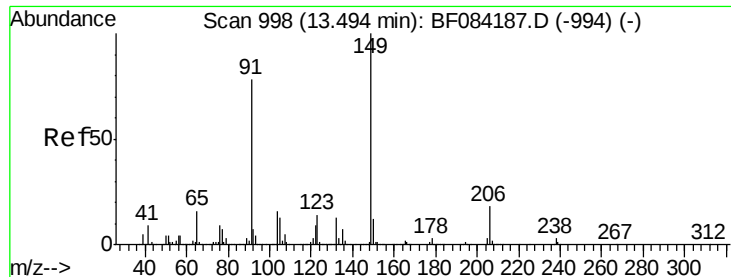


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

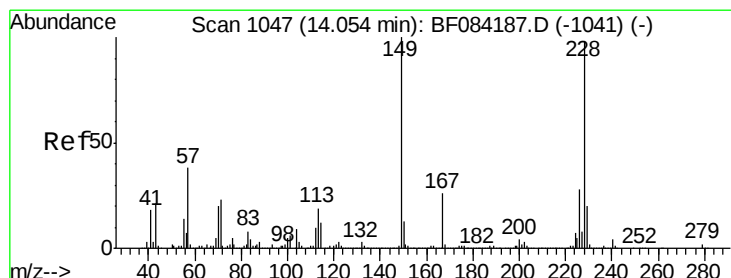
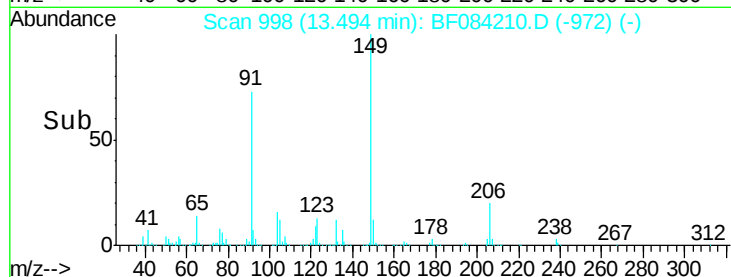
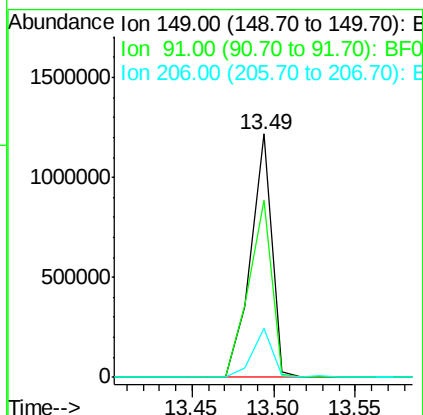
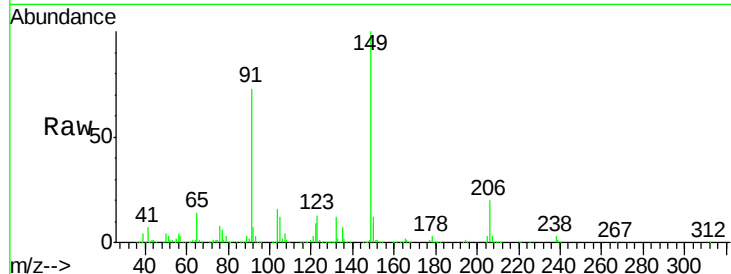




#79
 Butylbenzylphthalate
 Concen: 42.18 ng
 RT: 13.49 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

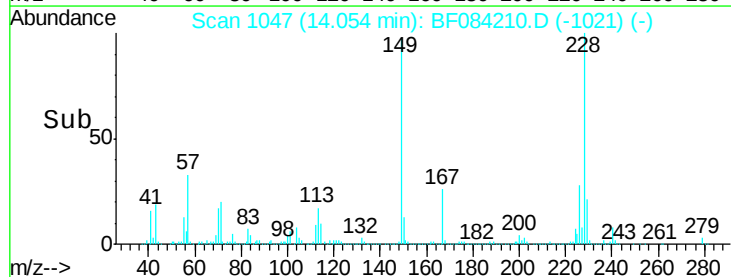
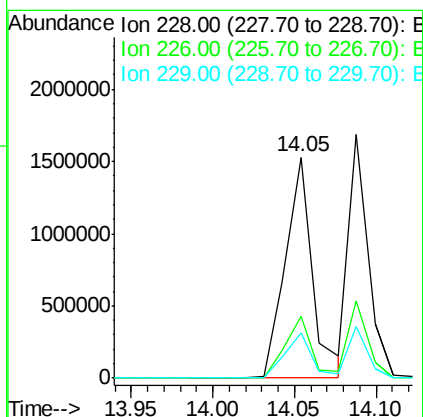
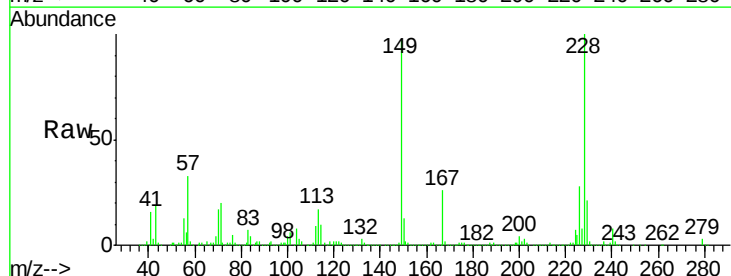
Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

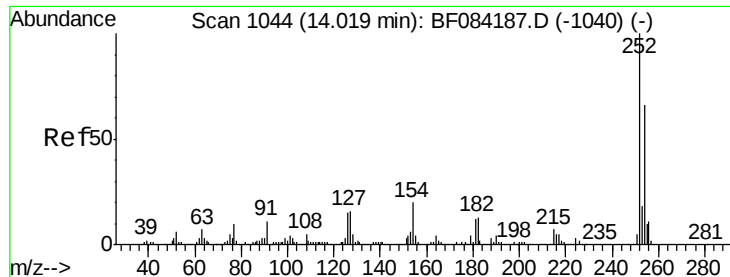
Tgt Ion:149 Resp: 1102358
 Ion Ratio Lower Upper
 149 100
 91 72.9 57.6 86.4
 206 20.3 13.2 19.8#



#80
 Benzo(a)anthracene
 Concen: 39.38 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:228 Resp: 1779307
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.8 32.6
 229 20.5 15.8 23.8

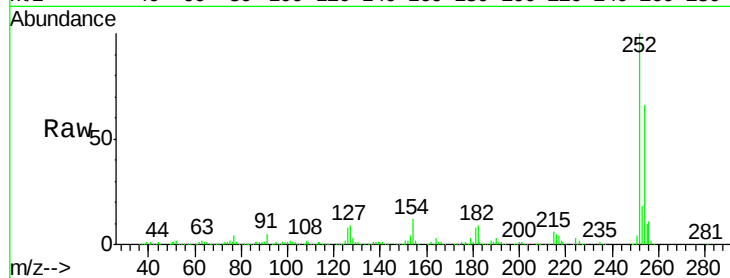




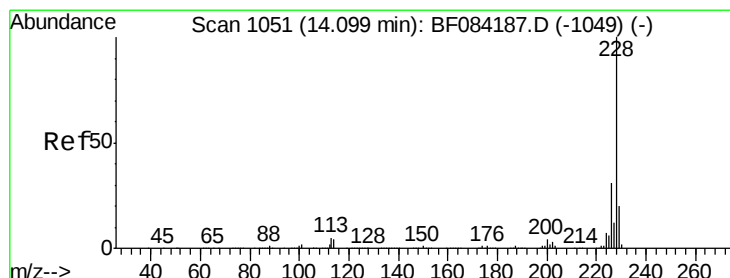
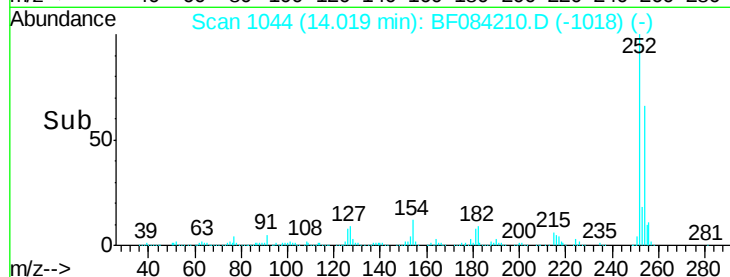
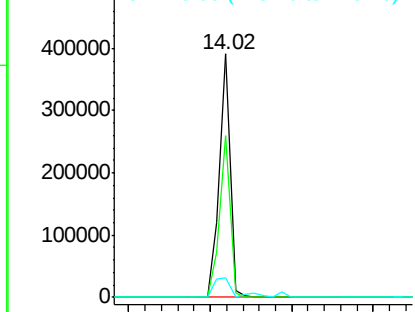
#81
 3,3'-Dichlorobenzidine
 Concen: 23.03 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tgt Ion:252 Resp: 363188
 Ion Ratio Lower Upper
 252 100
 254 66.3 53.5 80.3
 126 7.9 4.9 7.3#

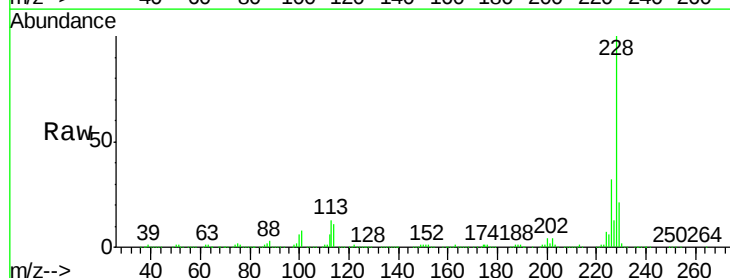


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

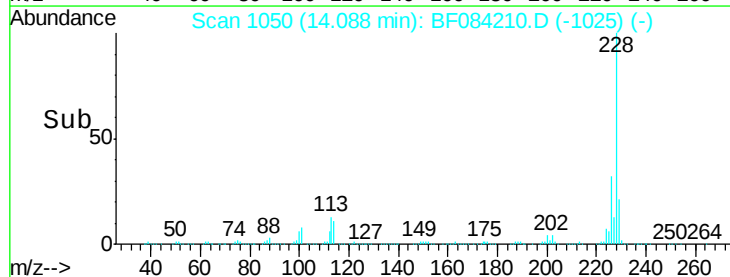
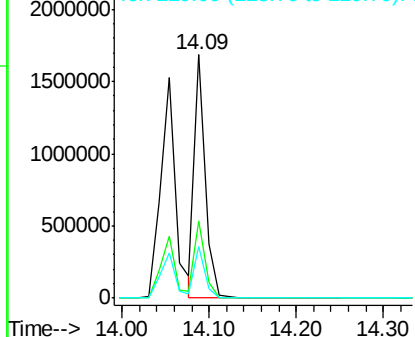


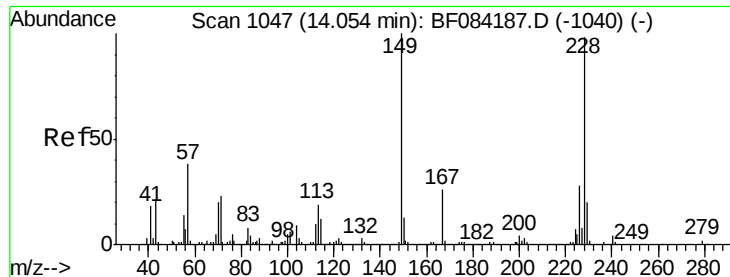
#82
 Chrysene
 Concen: 33.22 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:228 Resp: 1442427
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.3 36.5
 229 21.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

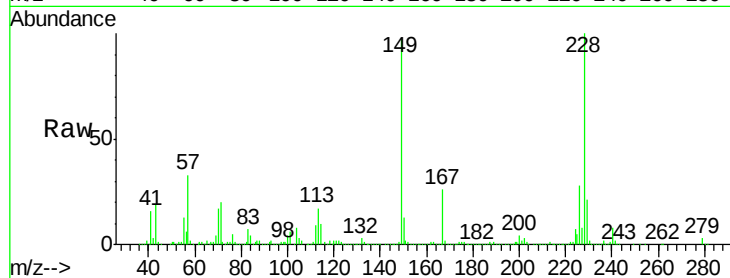




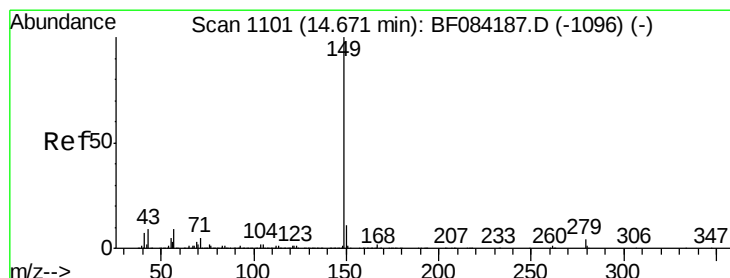
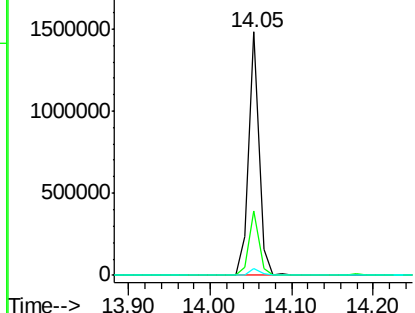
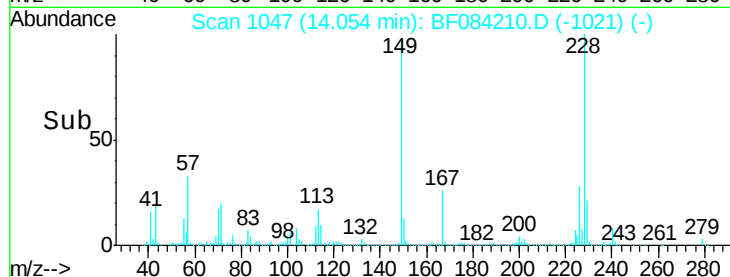
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.36 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tgt Ion:149 Resp: 1299507
 Ion Ratio Lower Upper
 149 100
 167 26.5 19.7 29.5
 279 2.7 1.8 2.6#

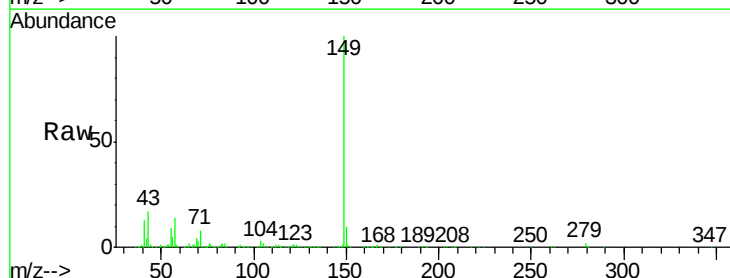


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

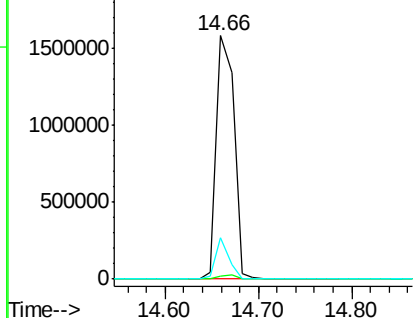
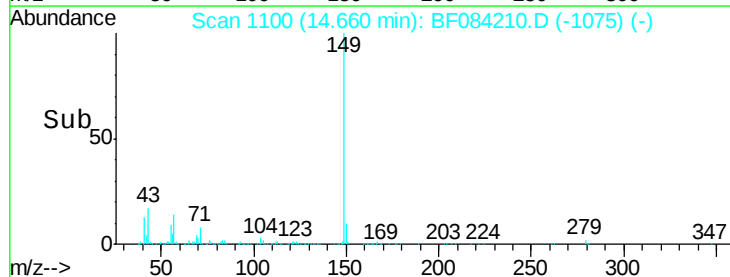


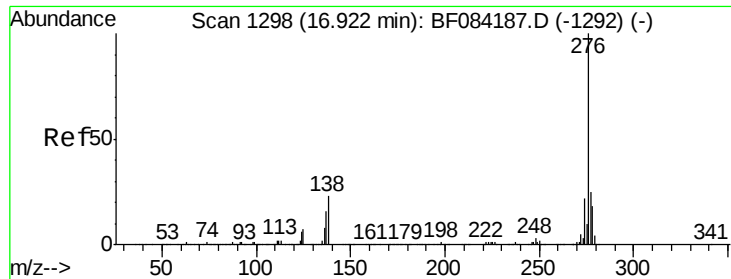
#84
 Di-n-octyl phthalate
 Concen: 37.29 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:149 Resp: 2078511
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.6 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

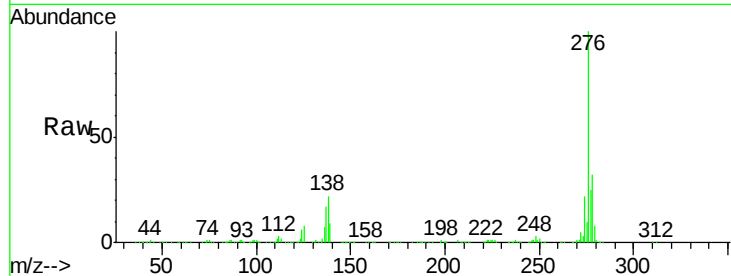




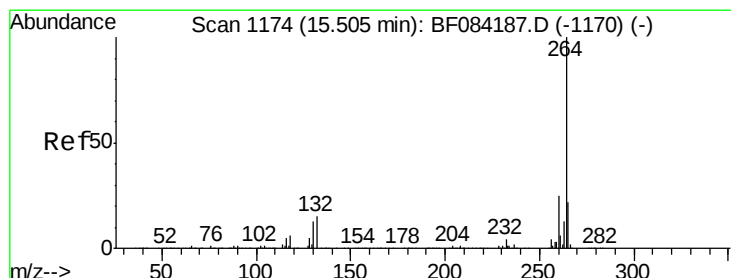
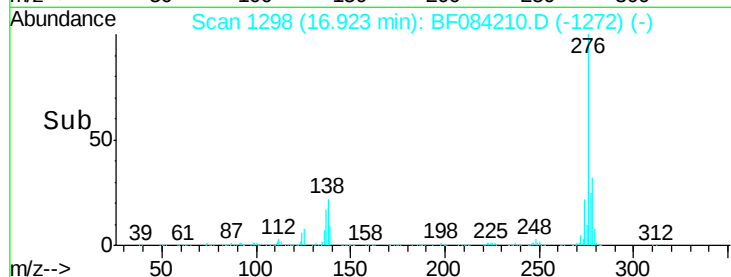
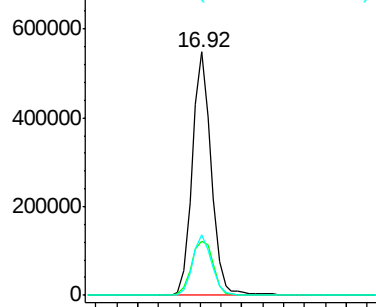
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.30 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87627BSD

Tgt Ion:276 Resp: 1387153
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.6 30.8
 277 25.1 20.1 30.1

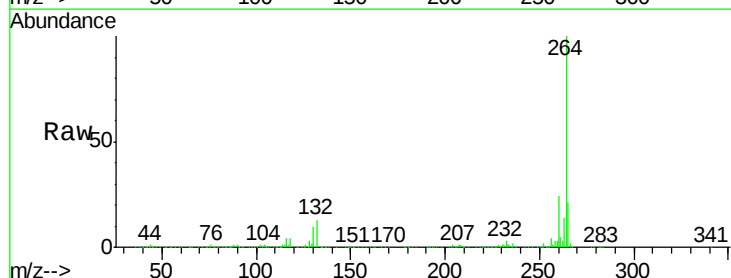


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

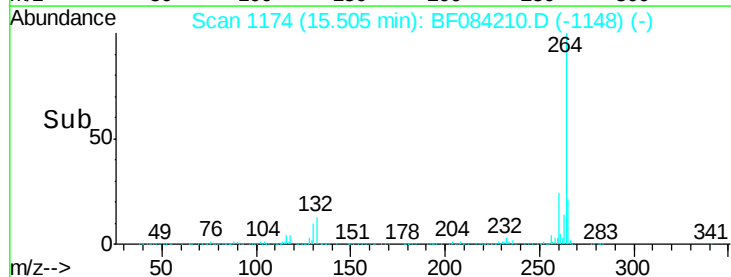
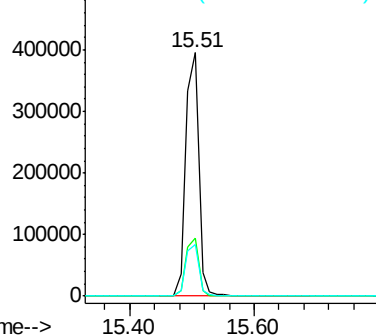


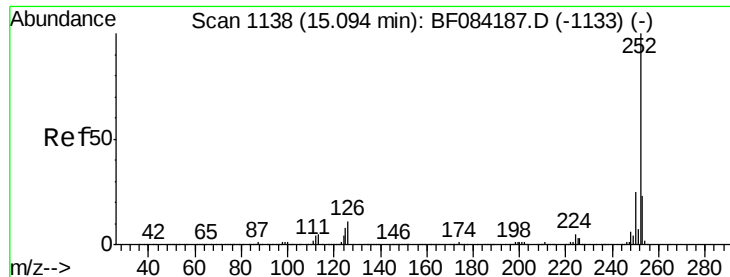
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF084210.D
 Acq: 31 Dec 2015 22:21

Tgt Ion:264 Resp: 563840
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.4 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

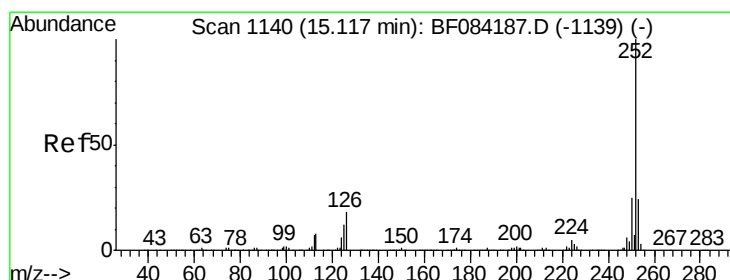
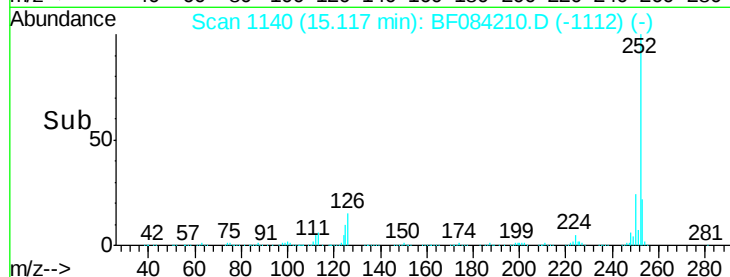
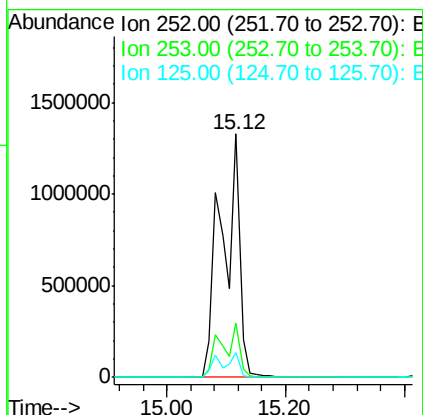
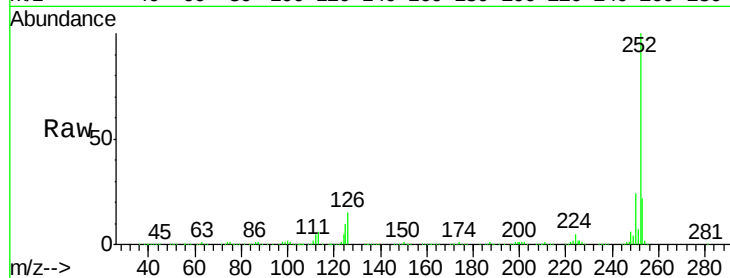




#87
Benzo(b)fluoranthene
Concen: 75.91 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

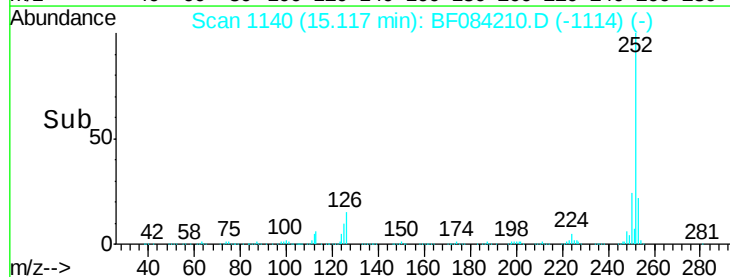
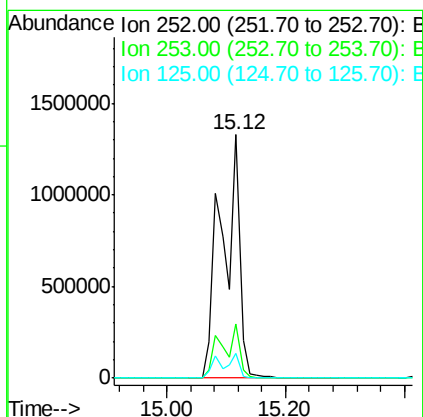
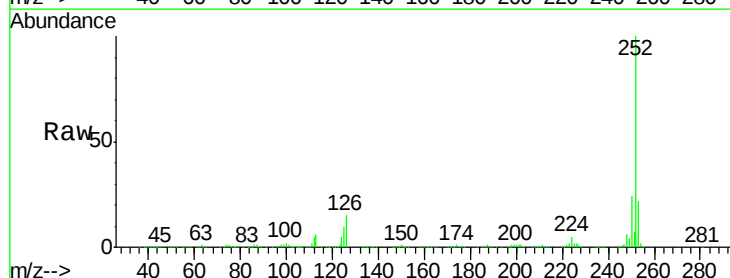
Instrument :
BNA_F
ClientSampleId :
PB87627BSD

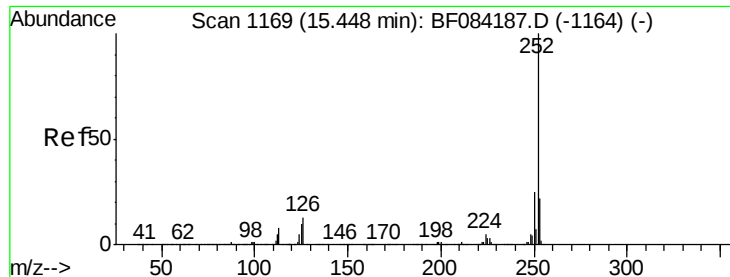
Tgt Ion:252 Resp: 2799638
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.0 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 92.81 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084210.D
Acq: 31 Dec 2015 22:21

Tgt Ion:252 Resp: 2799638
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.0 9.0 13.6





#89

Benzo(a)pyrene

Concen: 42.44 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD

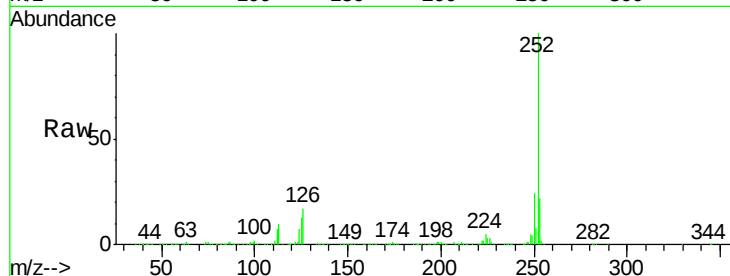
Tgt Ion:252 Resp: 1327838

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

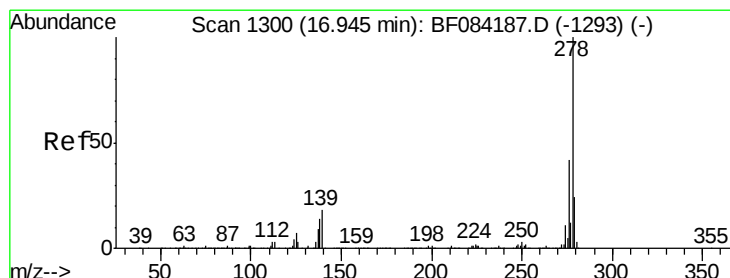
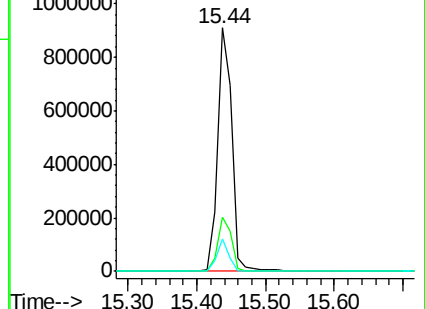
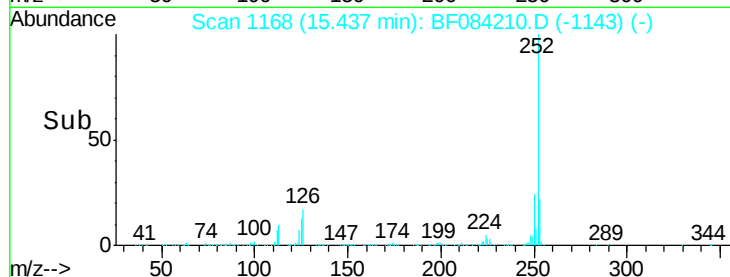
125 13.2 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.82 ng

RT: 16.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF084210.D

Acq: 31 Dec 2015 22:21

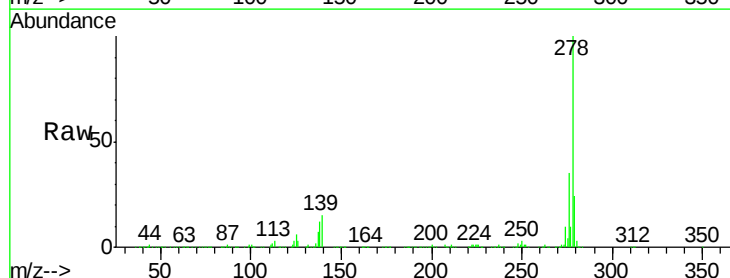
Tgt Ion:278 Resp: 1152616

Ion Ratio Lower Upper

278 100

139 15.0 15.0 22.4

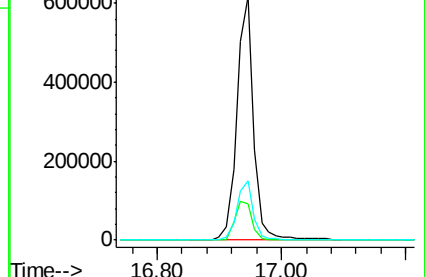
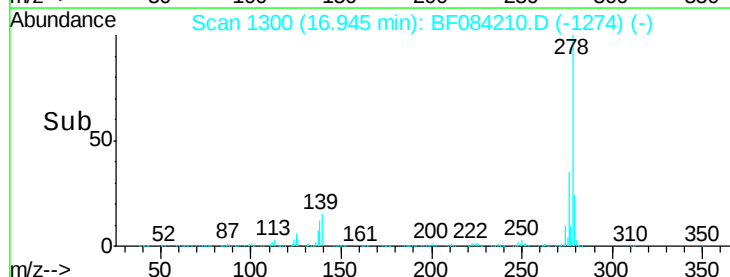
279 24.4 18.9 28.3

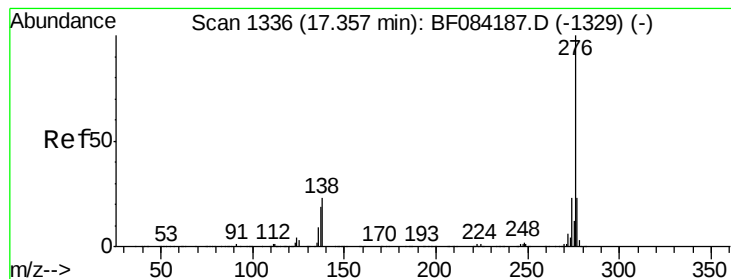


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.51 ng

RT: 17.36 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF084210.D

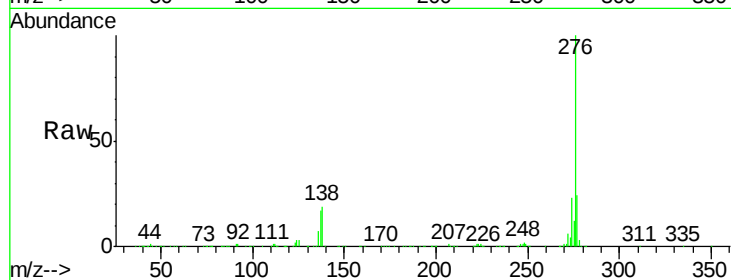
Acq: 31 Dec 2015 22:21

Instrument :

BNA_F

ClientSampleId :

PB87627BSD



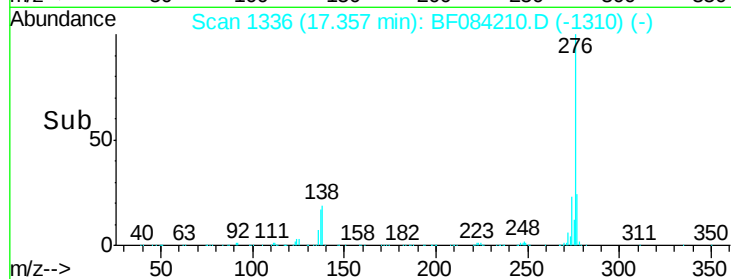
Tgt Ion: 276 Resp: 1185038

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 19.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

