

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084306.D
 Acq On : 7 Jan 2016 15:38
 Operator : SJ/UM
 Sample : PB87680BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Quant Time: Jan 08 00:01:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	242619	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1016855	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	466108	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	845720	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	705435	20.00	ng	-0.03
86) Perylene-d12	15.46	264	577140	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1866598	124.44	ng	0.00
7) Phenol-d6	6.52	99	2220122	117.85	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1342319	73.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	553416	117.60	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2242392	84.60	ng	-0.03
78) Terphenyl-d14	12.98	244	2059927	65.18	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	241917	34.05	ng	# 78
3) Pyridine	3.26	79	685943	34.62	ng	# 76
4) n-Nitrosodimethylamine	3.22	42	384329	37.79	ng	83
6) Aniline	6.53	93	546576	19.83	ng	# 1
8) 2-Chlorophenol	6.66	128	725301	42.62	ng	92
9) Benzaldehyde	6.41	77	193409	15.77	ng	92
10) Phenol	6.53	94	981596	45.83	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	702455	42.34	ng	91
12) 1,3-Dichlorobenzene	6.81	146	687156	39.14	ng	# 94
13) 1,4-Dichlorobenzene	6.89	146	735694	41.79	ng	95
14) 1,2-Dichlorobenzene	7.04	146	611246	36.26	ng	95
15) Benzyl Alcohol	7.01	79	590127	37.24	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1096656	36.29	ng	86
17) 2-Methylphenol	7.14	107	613282	43.00	ng	95
18) Hexachloroethane	7.38	117	269215	38.24	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	460673	36.12	ng	# 70
20) 3+4-Methylphenols	7.29	107	671673	40.06	ng	# 60
22) Acetophenone	7.29	105	980536	40.10	ng	# 90
24) Nitrobenzene	7.46	77	821193	44.31	ng	95
25) Isophorone	7.70	82	1396258	39.96	ng	99
26) 2-Nitrophenol	7.77	139	360888	42.79	ng	# 74
27) 2,4-Dimethylphenol	7.81	122	666599	39.05	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	845919	39.63	ng	# 96
29) 2,4-Dichlorophenol	8.02	162	569795	40.07	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	609768	41.54	ng	96
31) Naphthalene	8.18	128	1881267	40.78	ng	99
32) Benzoic acid	7.94	122	331754	32.52	ng	93
33) 4-Chloroaniline	8.22	127	199842	9.45	ng	97
34) Hexachlorobutadiene	8.29	225	331378	39.27	ng	97
35) Caprolactam	8.60	113	120186	25.07	ng	# 43
36) 4-Chloro-3-methylphenol	8.72	107	668813	41.99	ng	92
37) 2-Methylnaphthalene	8.86	142	1253336	37.84	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	556689	41.54	ng	98
40) Hexachlorocyclopentadiene	9.02	237	644204	79.64	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	397407	39.64	ng	95
43) 2,4,5-Trichlorophenol	9.20	196	422435	43.96	ng #	93
45) 1,1'-Biphenyl	9.33	154	1496786	40.40	ng	100
46) 2-Chloronaphthalene	9.36	162	1114298	38.29	ng	96
47) 2-Nitroaniline	9.46	65	467824	48.71	ng #	87
48) Acenaphthylene	9.78	152	1833742	42.66	ng	98
49) Dimethylphthalate	9.64	163	1481966	44.47	ng #	91
50) 2,6-Dinitrotoluene	9.70	165	316634	43.32	ng #	60
51) Acenaphthene	9.95	154	1323230	45.89	ng	97
52) 3-Nitroaniline	9.87	138	217192	23.98	ng #	75
53) 2,4-Dinitrophenol	9.97	184	273636	87.54	ng #	88
54) Dibenzofuran	10.12	168	1714577	45.97	ng	99
55) 4-Nitrophenol	10.04	139	460650	70.08	ng #	77
56) 2,4-Dinitrotoluene	10.10	165	380428	41.13	ng #	84
57) Fluorene	10.46	166	1249737	43.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	330749	40.31	ng	95
59) Diethylphthalate	10.34	149	1377684	41.93	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	612110	51.35	ng	100
61) 4-Nitroaniline	10.49	138	362242	44.87	ng	92
62) Azobenzene	10.61	77	1560441	43.30	ng	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	208908	40.44	ng	88
65) n-Nitrosodiphenylamine	10.58	169	1150170	42.54	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	409818	45.02	ng	94
67) Hexachlorobenzene	11.00	284	388198	37.89	ng #	82
68) Atrazine	11.10	200	402606	45.50	ng	98
69) Pentachlorophenol	11.21	266	398042	74.93	ng	98
70) Phenanthrene	11.42	178	1908754	43.15	ng	98
71) Anthracene	11.47	178	1808203	41.70	ng	97
72) Carbazole	11.63	167	1807007	42.62	ng	98
73) Di-n-butylphthalate	11.96	149	2135601	48.27	ng #	96
74) Fluoranthene	12.60	202	1822473	39.44	ng	98
76) Benzidine	12.73	184	789493	31.21	ng	99
77) Pyrene	12.83	202	1856479	33.54	ng	99
79) Butylbenzylphthalate	13.46	149	981231	40.96	ng	98
80) Benzo(a)anthracene	14.02	228	1556672	37.58	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	318159	22.01	ng #	96
82) Chrysene	14.05	228	1452623	36.50	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1193026	39.42	ng #	95
84) Di-n-octyl phthalate	14.63	149	2010800	39.36	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1391310	44.10	ng	100
87) Benzo(b)fluoranthene	15.08	252	2866904	75.94	ng	98
88) Benzo(k)fluoranthene	15.08	252	2866904	92.85	ng #	97
89) Benzo(a)pyrene	15.40	252	1304744	40.74	ng #	96
90) Dibenzo(a,h)anthracene	16.88	278	1144586	41.54	ng	99
91) Benzo(g,h,i)perylene	17.29	276	1159494	40.63	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

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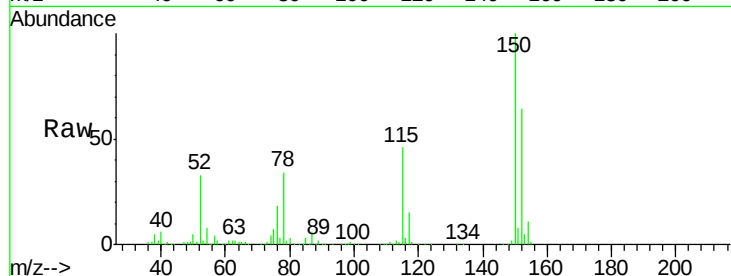
Tgt Ion:152 Resp: 242619

Ion Ratio Lower Upper

152 100

150 155.7 123.0 184.4

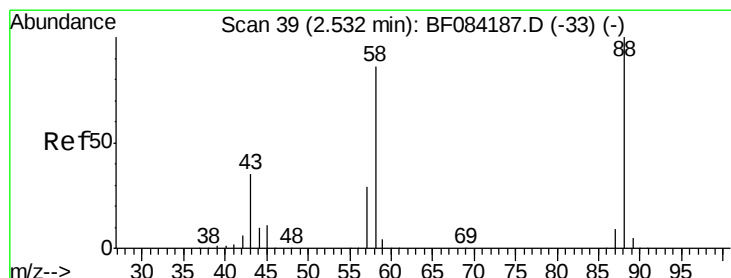
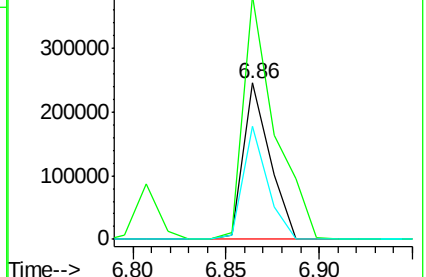
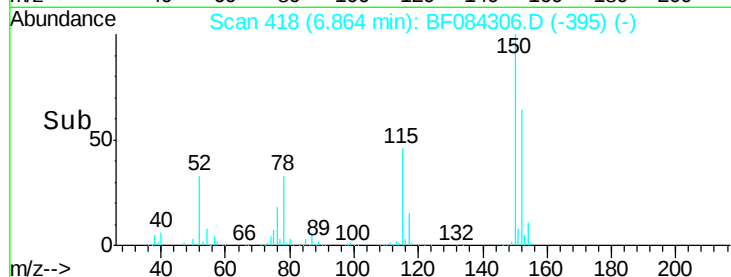
115 72.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.05 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.00 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

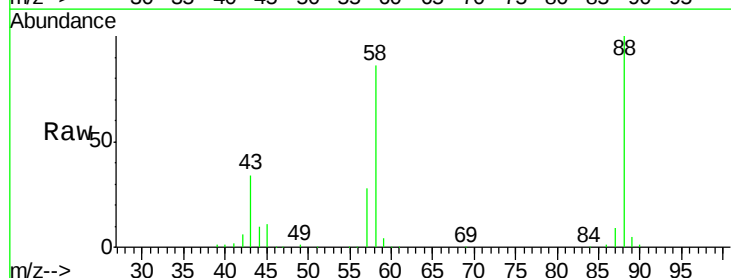
Tgt Ion: 88 Resp: 241917

Ion Ratio Lower Upper

88 100

58 82.8 51.2 76.8#

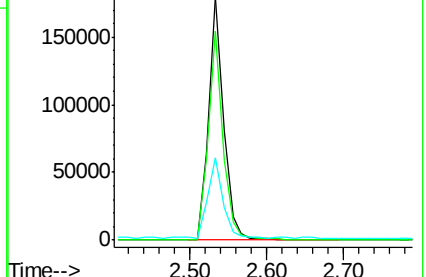
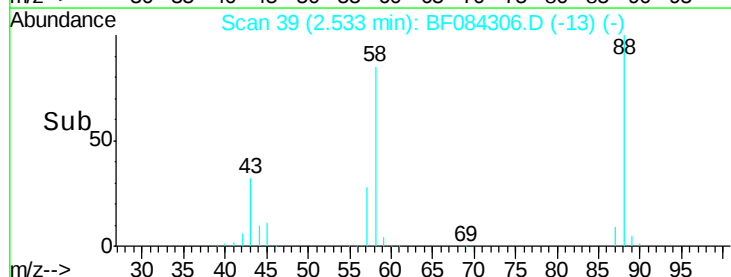
43 32.7 19.5 29.3#

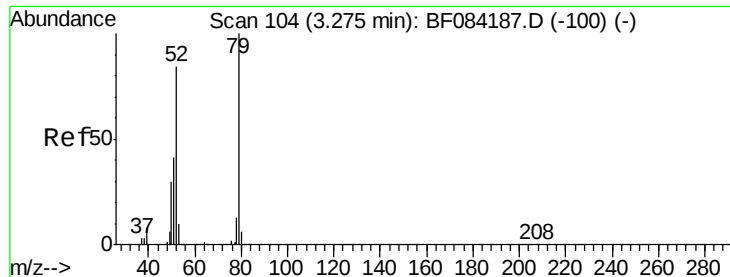


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.62 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

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PB87680BS

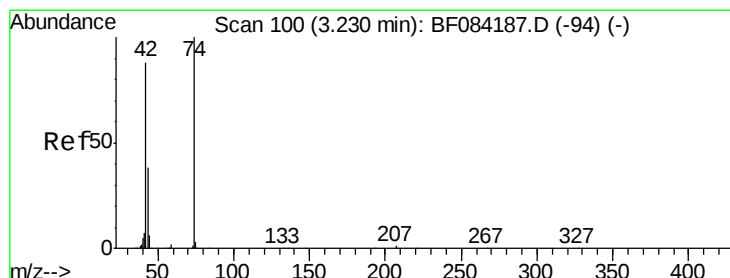
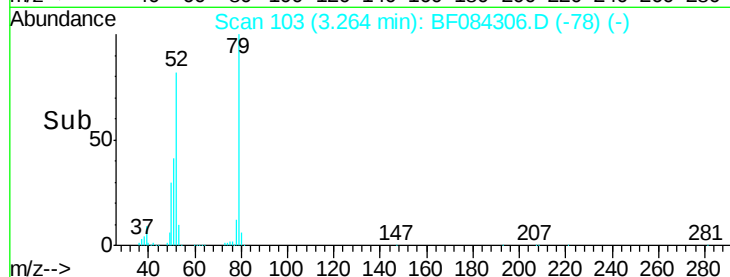
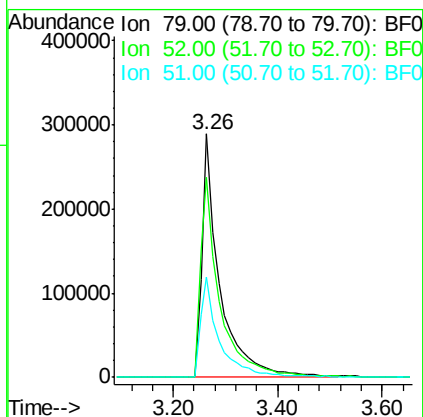
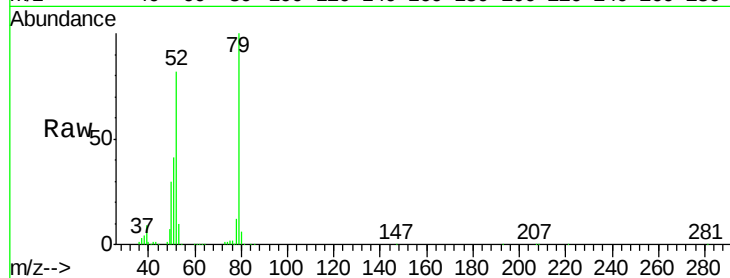
Tgt Ion: 79 Resp: 685943

Ion Ratio Lower Upper

79 100

52 82.3 49.0 73.4#

51 41.2 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 37.79 ng

RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

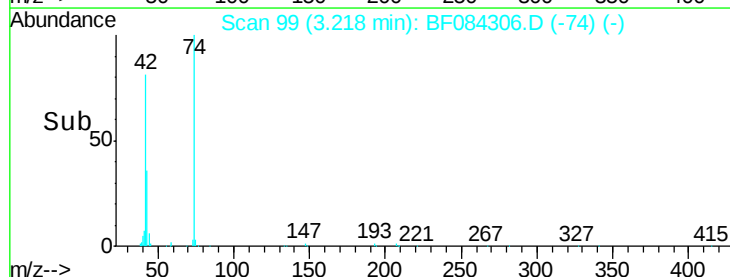
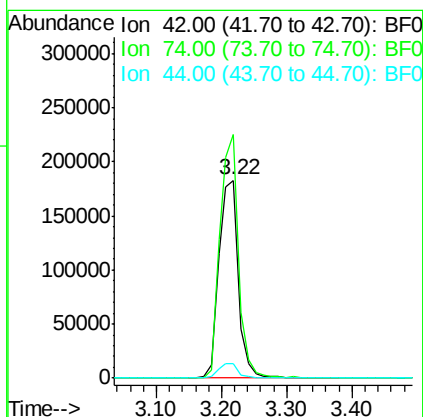
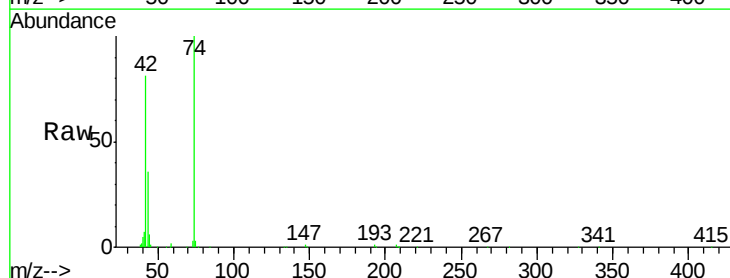
Tgt Ion: 42 Resp: 384329

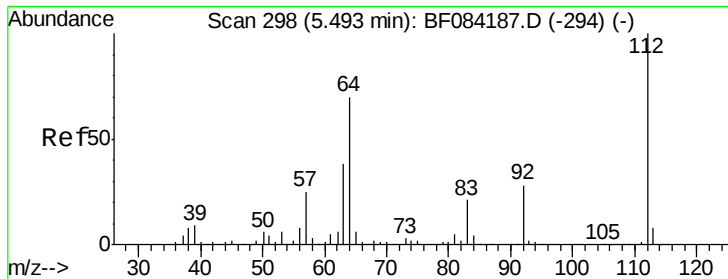
Ion Ratio Lower Upper

42 100

74 123.0 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 124.44 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

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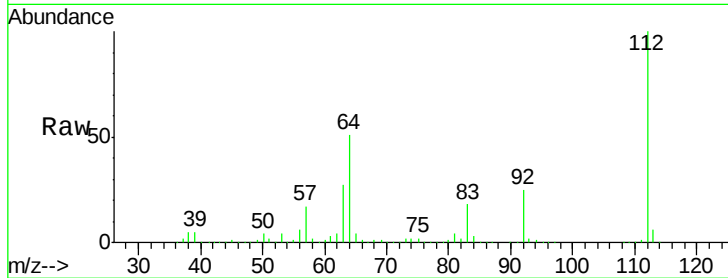
Tgt Ion: 112 Resp: 1866598

Ion Ratio Lower Upper

112 100

64 51.5 36.6 55.0

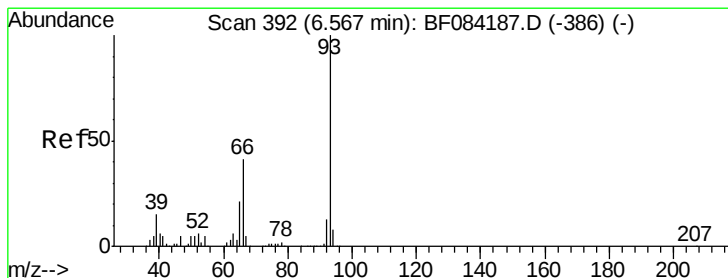
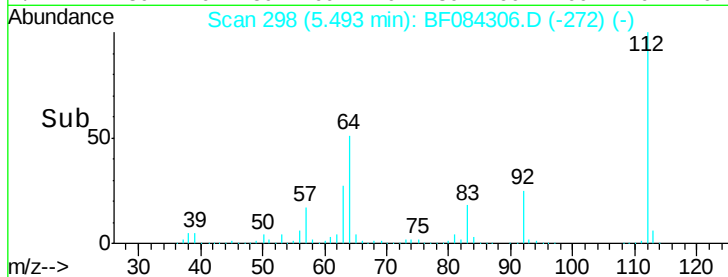
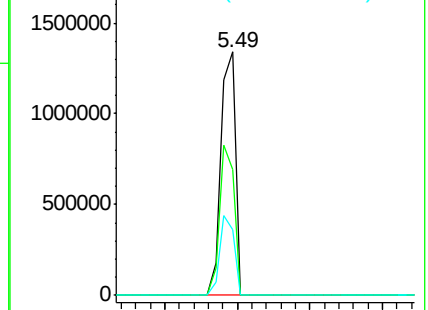
63 27.1 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.83 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

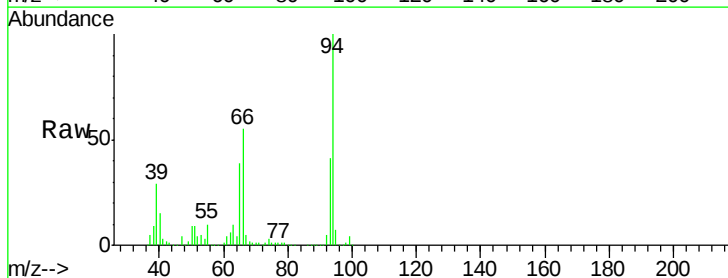
Tgt Ion: 93 Resp: 546576

Ion Ratio Lower Upper

93 100

66 135.2 44.9 67.3#

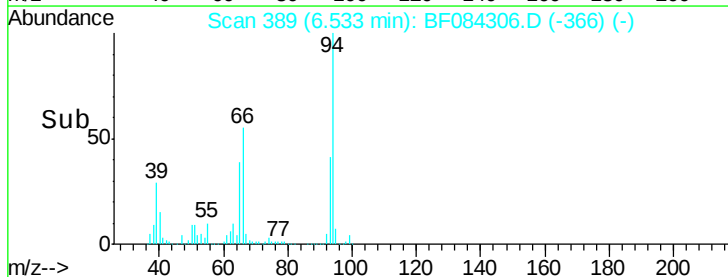
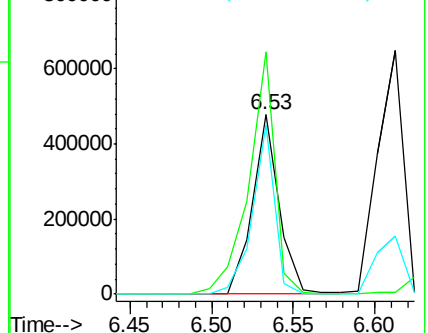
65 94.5 23.7 35.5#

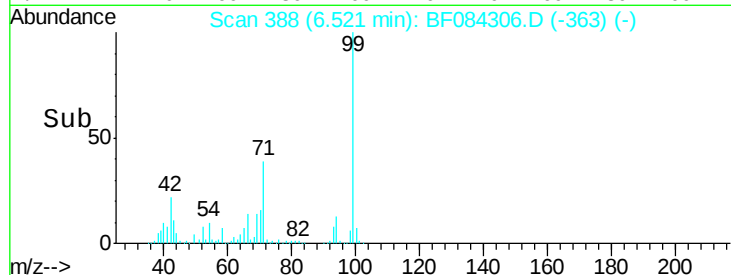
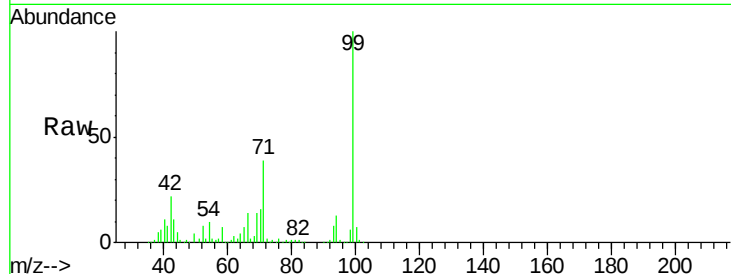


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.85 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

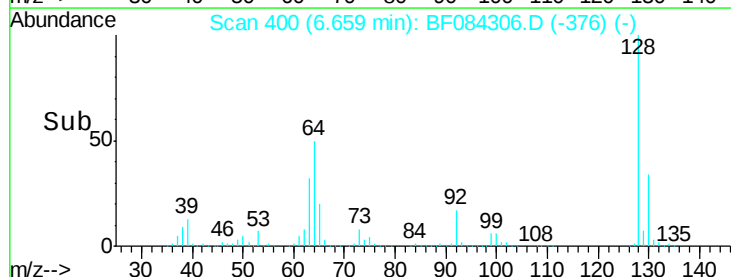
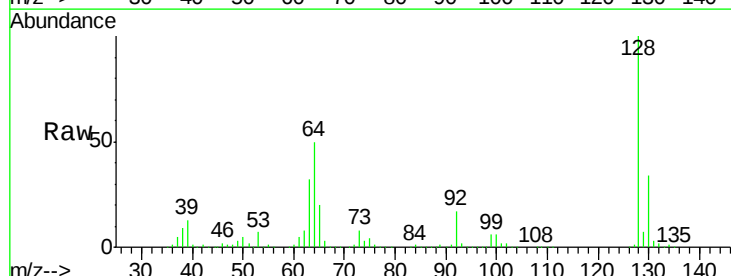
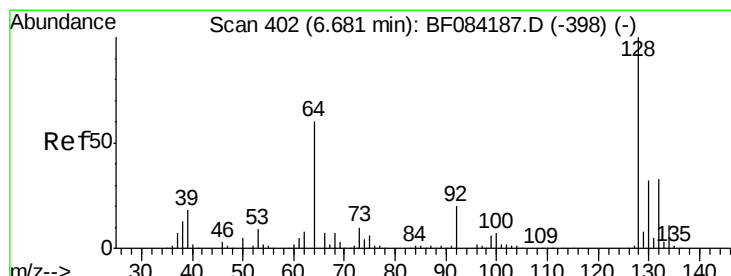
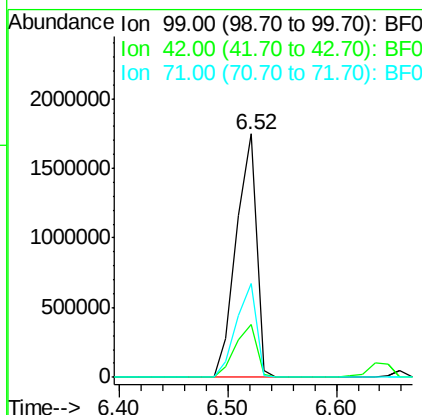
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Tgt Ion: 99 Resp: 2220122

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	38.6	30.9	46.3

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#8

2-Chlorophenol

Concen: 42.62 ng

RT: 6.66 min Scan# 400

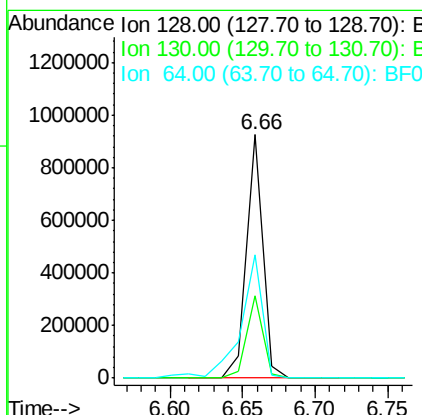
Delta R.T. -0.02 min

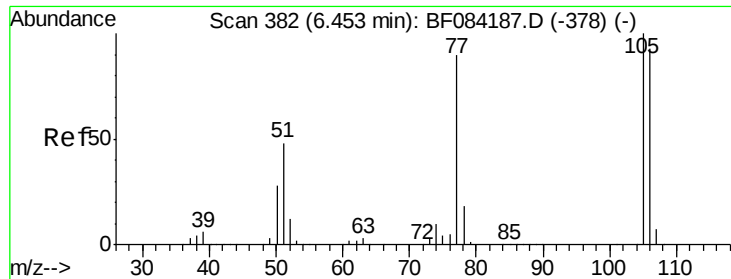
Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Tgt Ion: 128 Resp: 725301

Ion	Ratio	Lower	Upper
128	100		
130	33.7	11.6	51.6
64	50.5	23.8	63.8

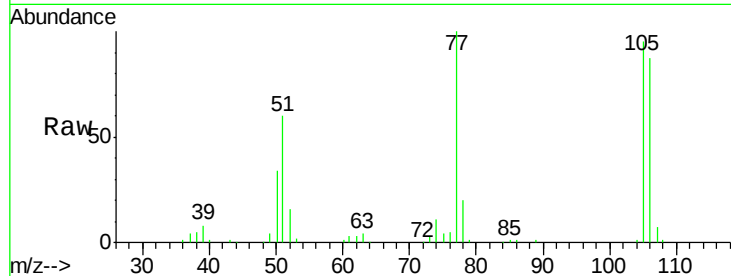




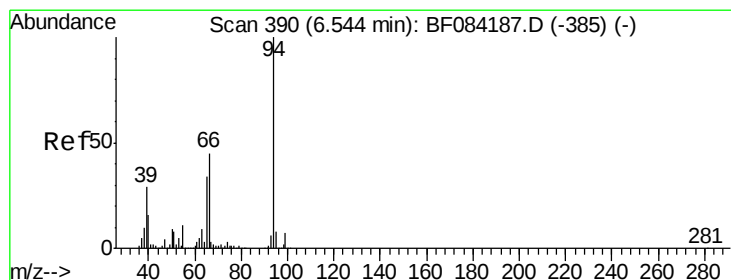
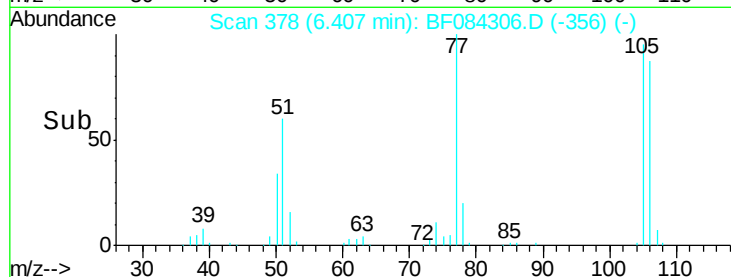
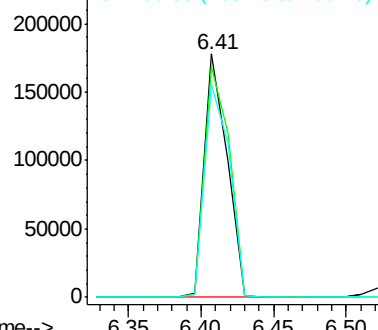
#9
Benzaldehyde
Concen: 15.77 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.04 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB87680BS

Tgt Ion: 77 Resp: 193409
Ion Ratio Lower Upper
77 100
105 95.0 83.0 123.0
106 87.5 74.6 114.6

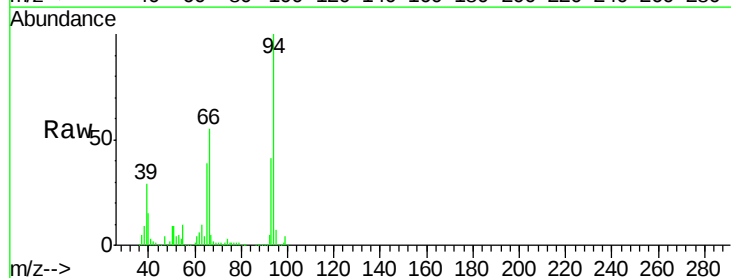


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

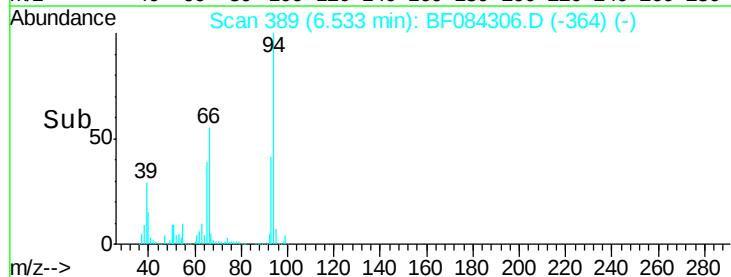
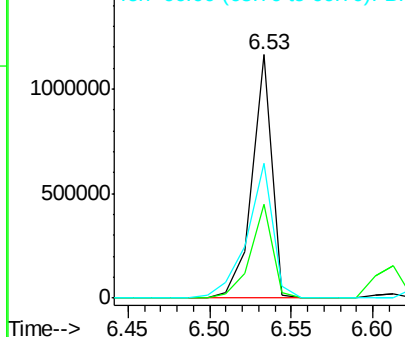


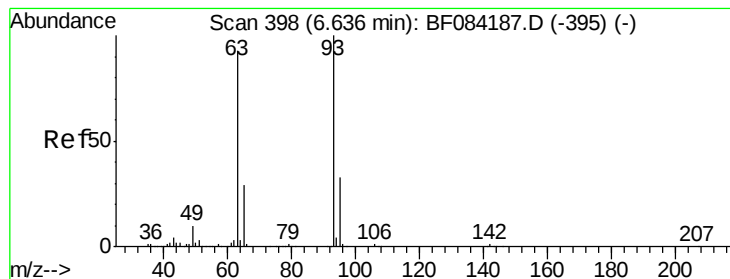
#10
Phenol
Concen: 45.83 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
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Tgt Ion: 94 Resp: 981596
Ion Ratio Lower Upper
94 100
65 38.8 12.9 52.9
66 55.5 32.7 72.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.34 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

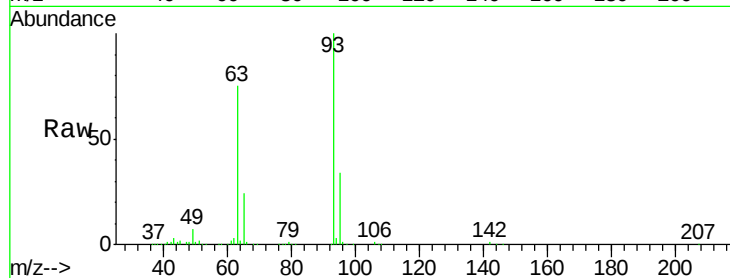
Tgt Ion: 93 Resp: 702455

Ion Ratio Lower Upper

93 100

63 75.4 45.9 85.9

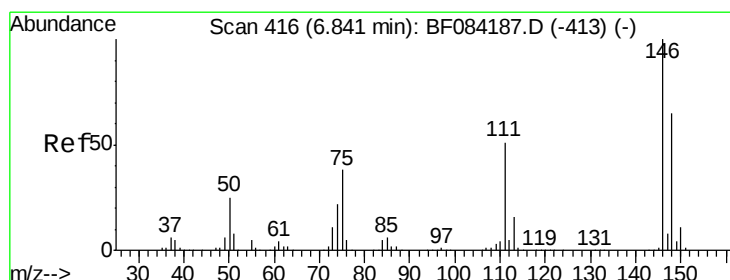
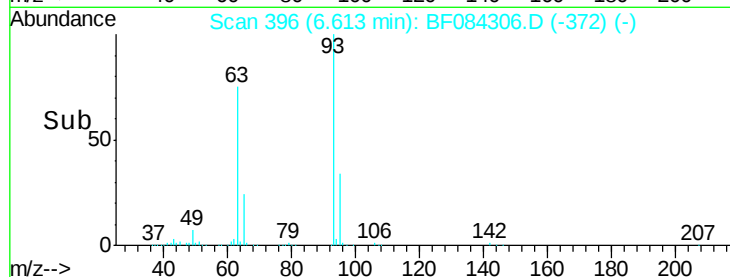
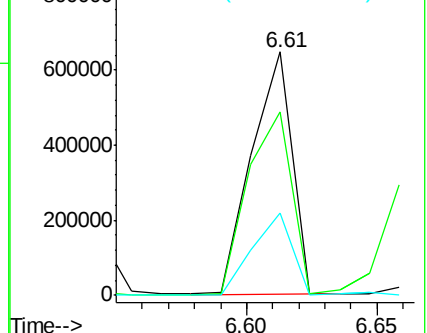
95 34.1 12.3 52.3



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: 39.14 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

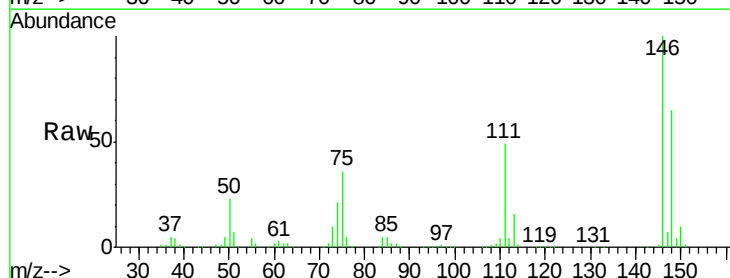
Tgt Ion: 146 Resp: 687156

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

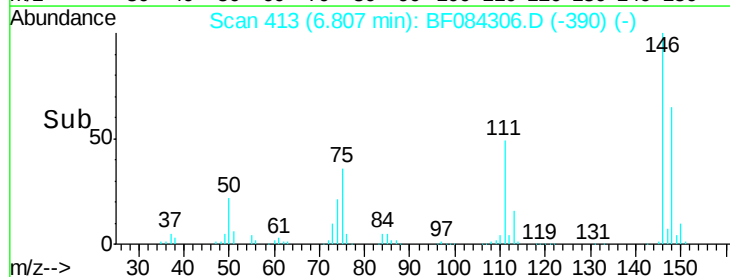
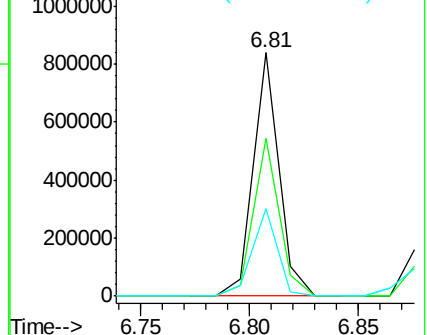
75 36.1 20.5 30.7#

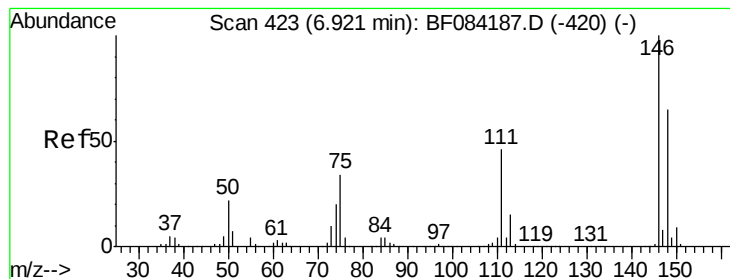


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.79 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

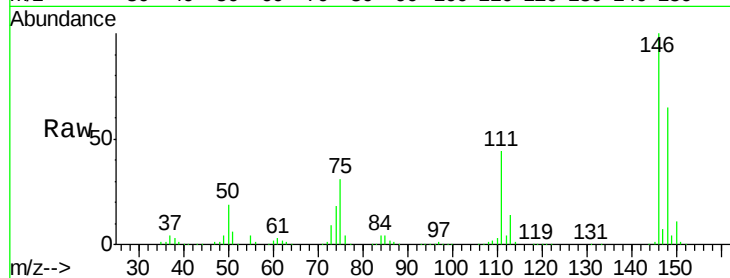
Tgt Ion:146 Resp: 735694

Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

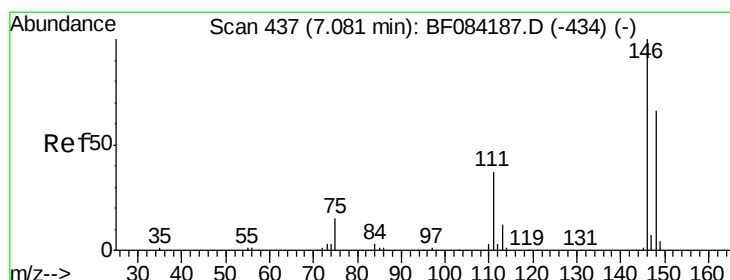
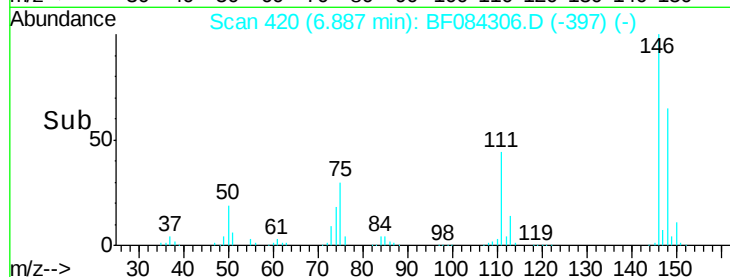
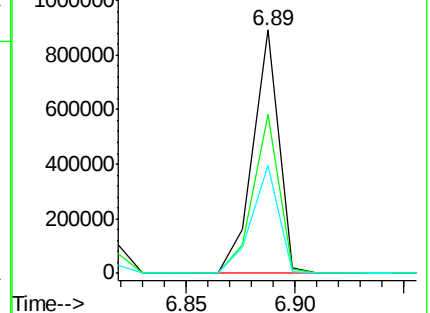
111 44.4 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.26 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

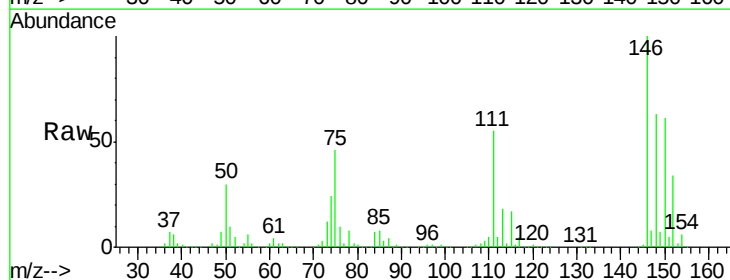
Tgt Ion:146 Resp: 611246

Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

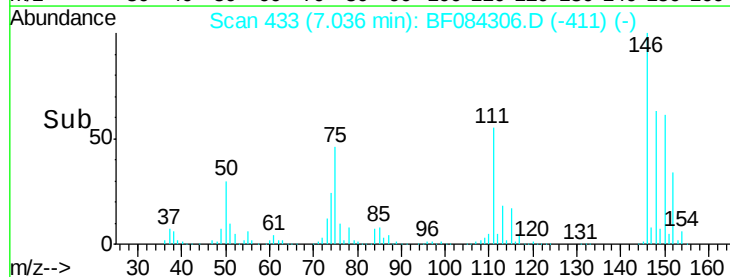
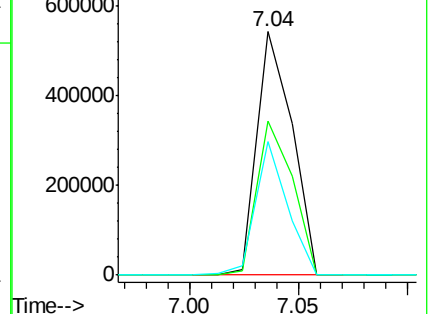
111 54.9 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.24 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

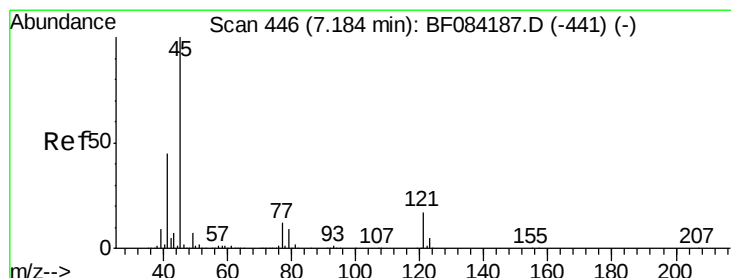
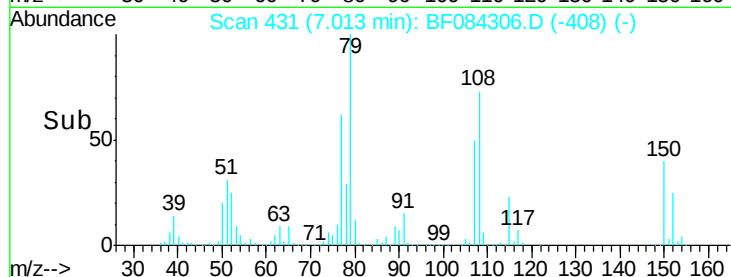
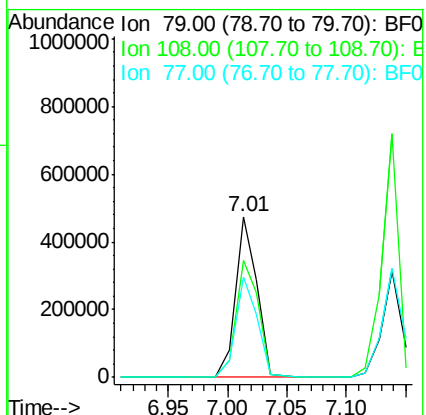
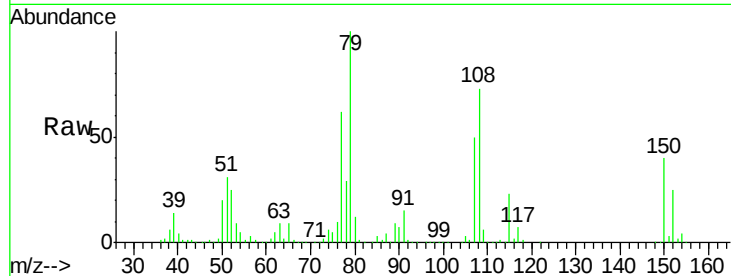
Tgt Ion: 79 Resp: 590127

Ion Ratio Lower Upper

79 100

108 72.5 69.0 103.4

77 62.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.29 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

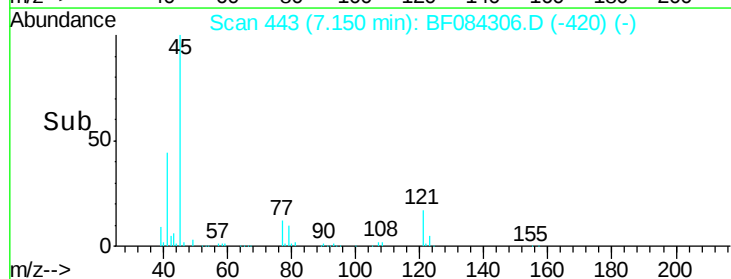
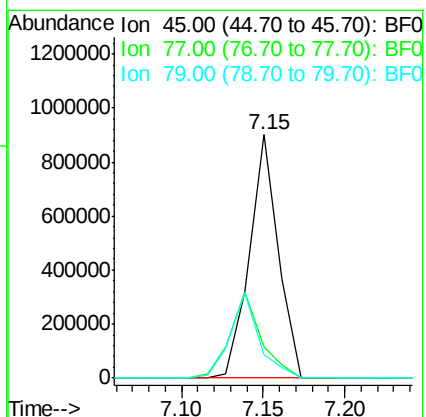
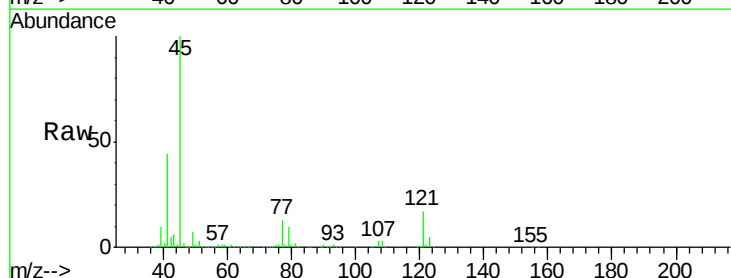
Tgt Ion: 45 Resp: 1096656

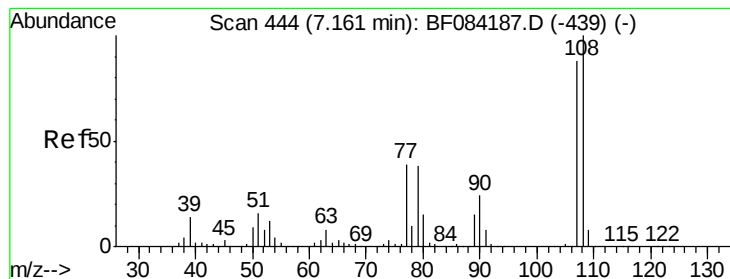
Ion Ratio Lower Upper

45 100

77 12.6 0.0 39.6

79 9.8 0.0 35.0





#17

2-Methylphenol

Concen: 43.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

Tgt Ion:107 Resp: 613282

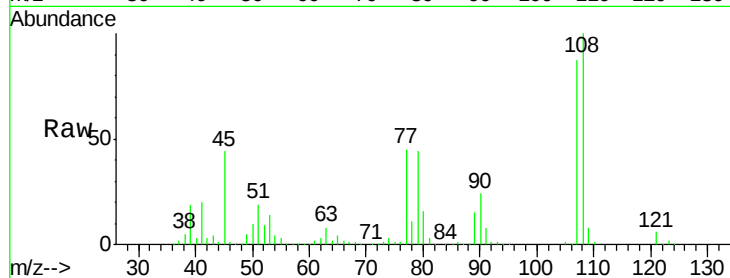
Ion Ratio Lower Upper

107 100

108 114.5 89.8 134.6

77 51.1 35.7 53.5

79 50.3 35.7 53.5

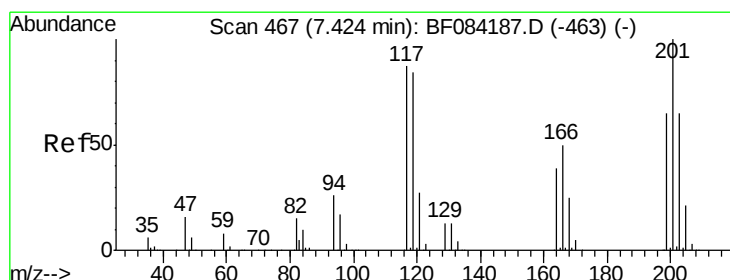
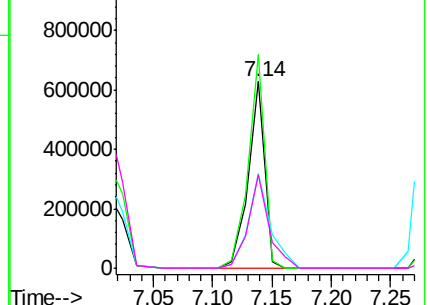
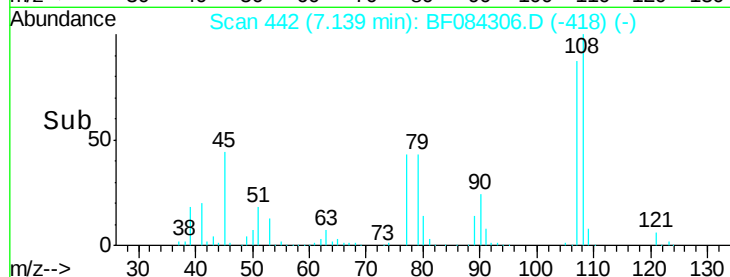


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.24 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

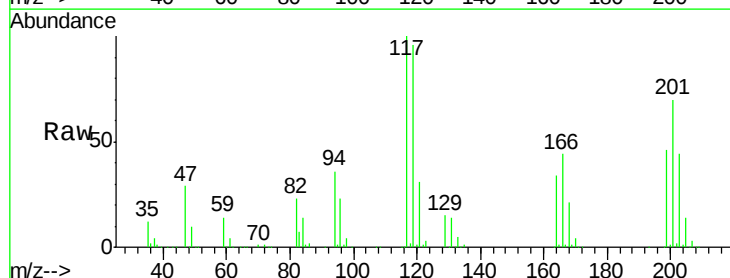
Tgt Ion:117 Resp: 269215

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.0

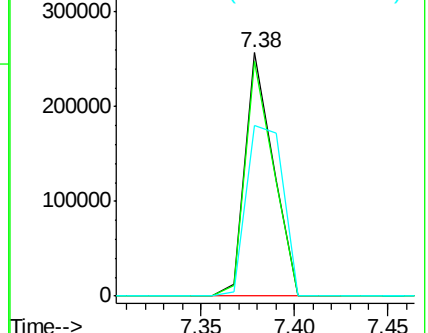
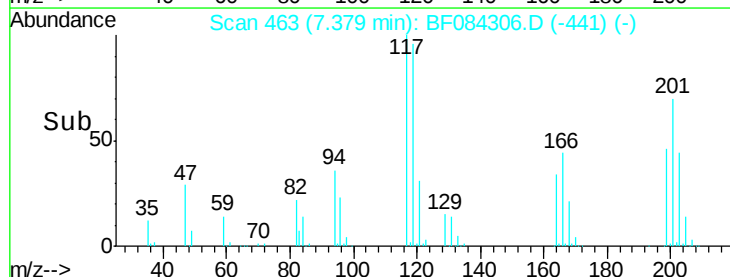
201 70.0 68.6 103.0

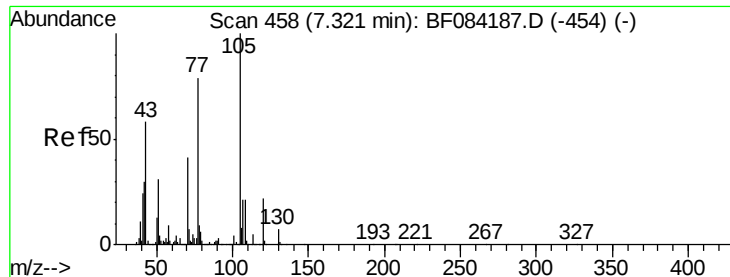


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

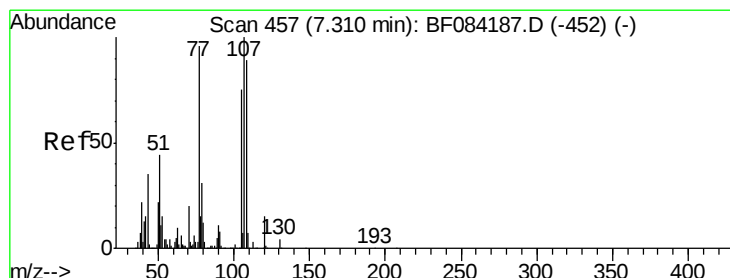
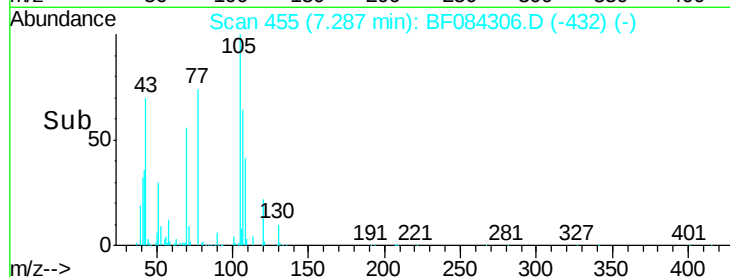
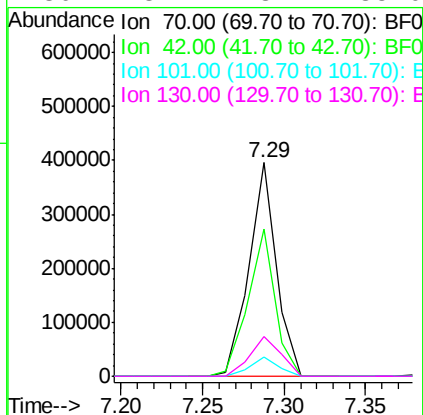
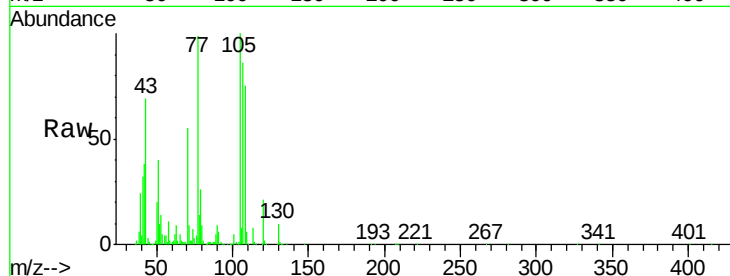




#19
n-Nitroso-di-n-propylamine
Concen: 36.12 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

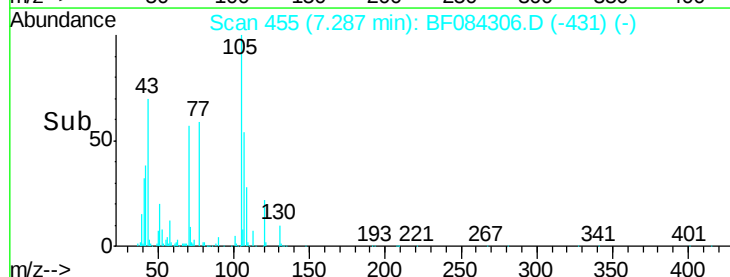
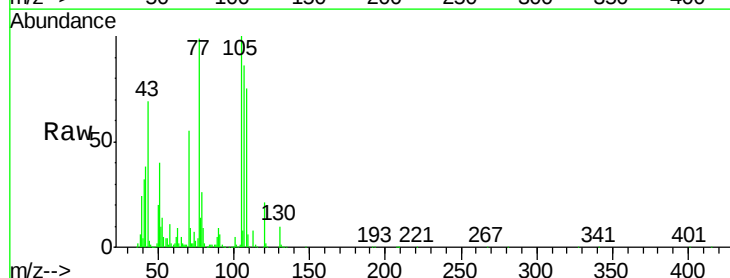
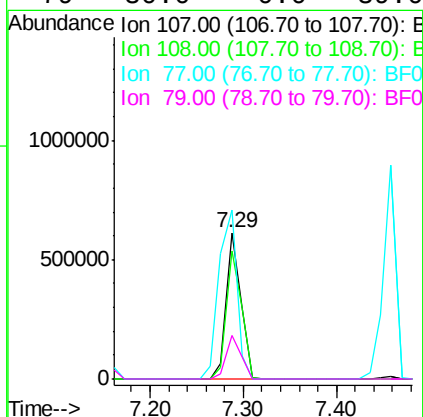
Instrument :
BNA_F
ClientSampleId :
PB87680BS

Tgt Ion: 70 Resp: 460673
Ion Ratio Lower Upper
70 100
42 69.0 33.3 49.9#
101 8.7 9.3 13.9#
130 18.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.06 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion: 107 Resp: 671673
Ion Ratio Lower Upper
107 100
108 87.6 74.6 114.6
77 115.2 0.7 40.7#
79 30.0 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

Tgt Ion:136 Resp: 1016855

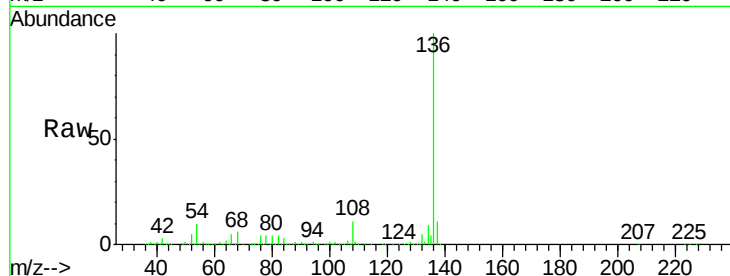
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.6 5.8 8.8#

68 5.5 4.2 6.2

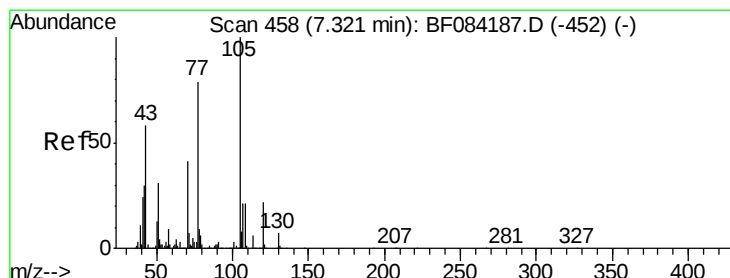
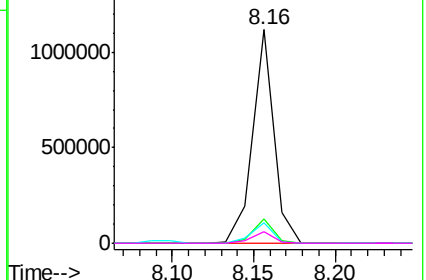
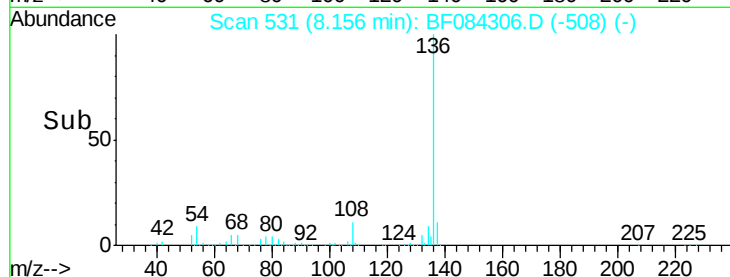


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.10 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Tgt Ion:105 Resp: 980536

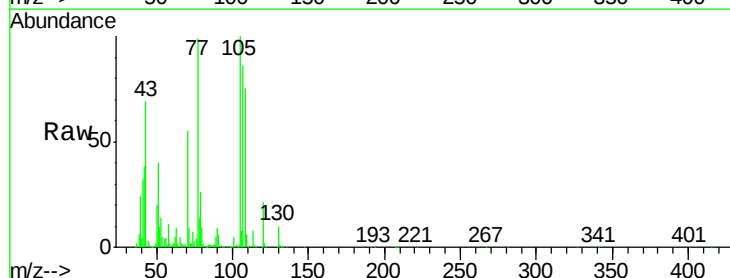
Ion Ratio Lower Upper

105 100

71 9.3 3.7 5.5#

51 40.2 25.1 37.7#

120 21.5 16.6 25.0

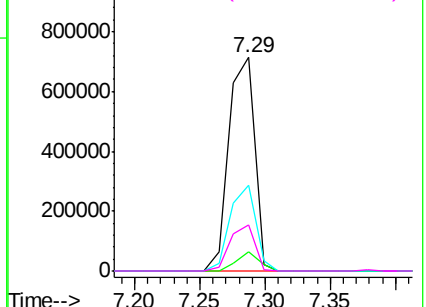
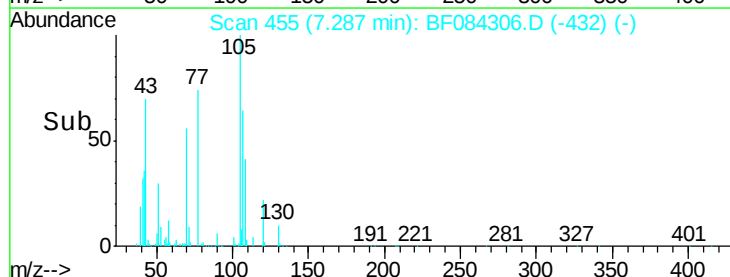


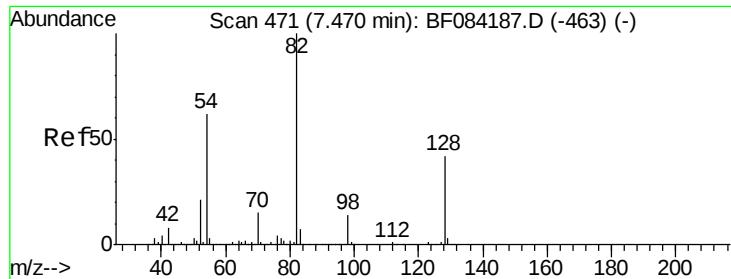
Abundance Ion 105.00 (104.70 to 105.70): E

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

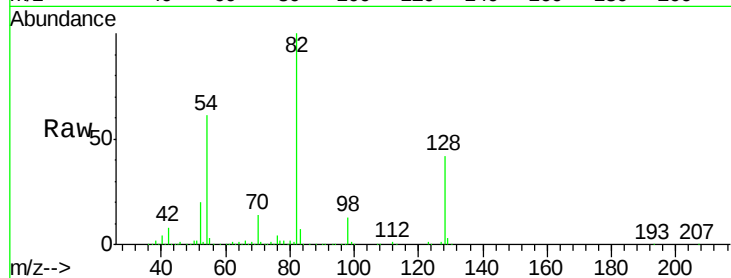




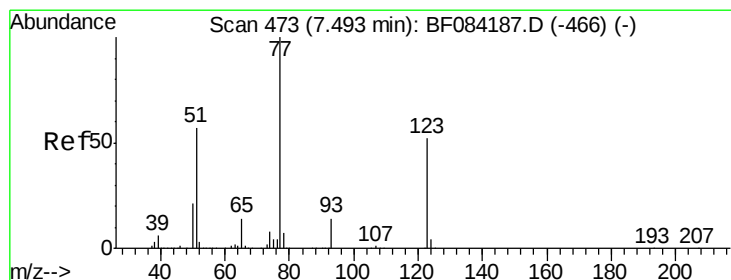
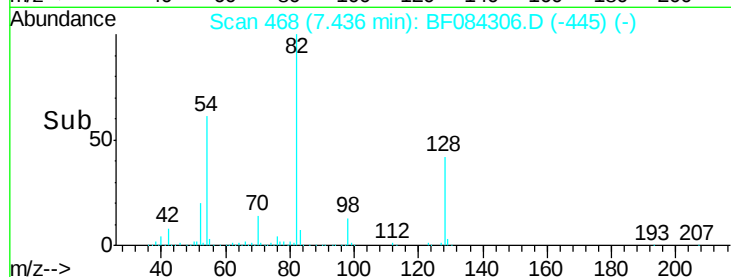
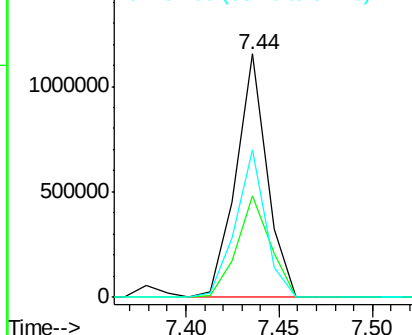
#23
 Nitrobenzene-d5
 Concen: 73.47 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion: 82 Resp: 1342319
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 51.8
 54 60.8 38.4 57.6#

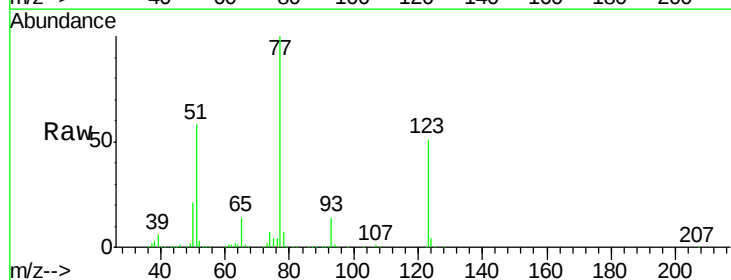


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

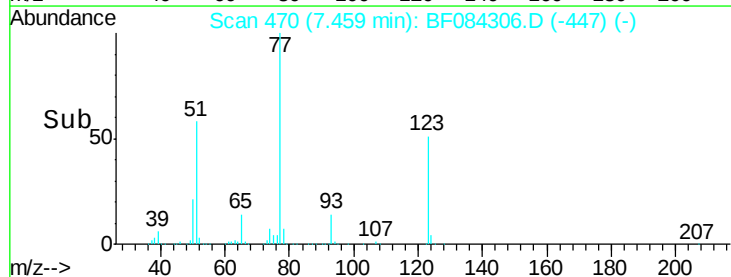
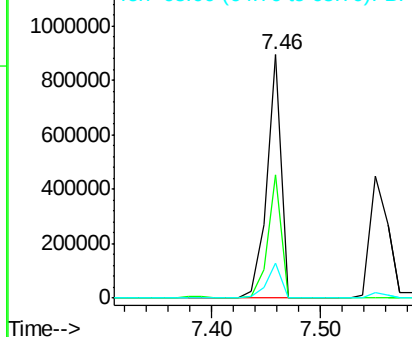


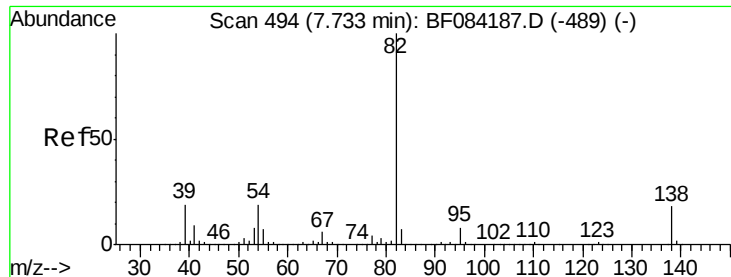
#24
 Nitrobenzene
 Concen: 44.31 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion: 77 Resp: 821193
 Ion Ratio Lower Upper
 77 100
 123 50.5 37.4 56.2
 65 14.5 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: 39.96 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

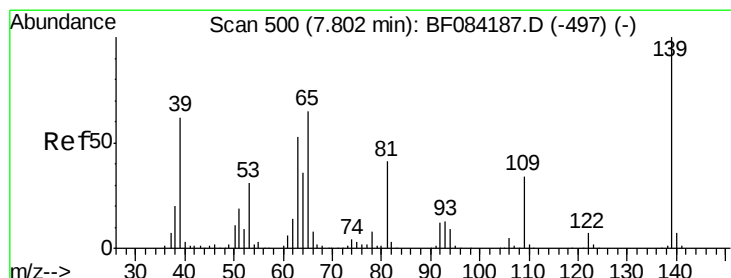
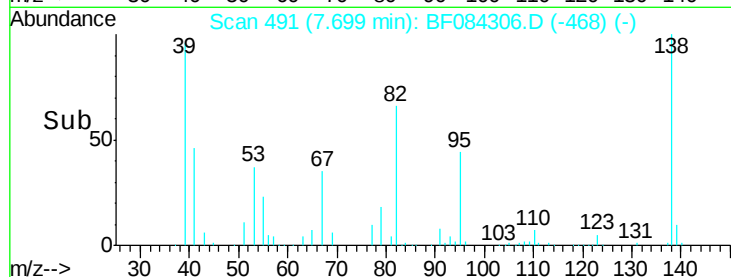
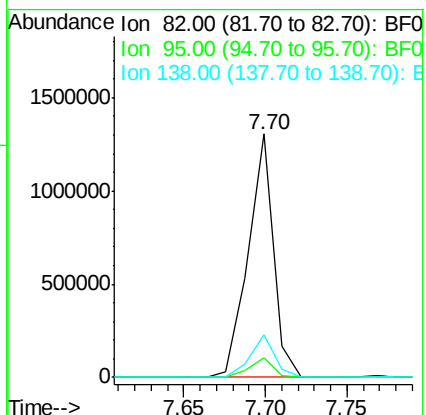
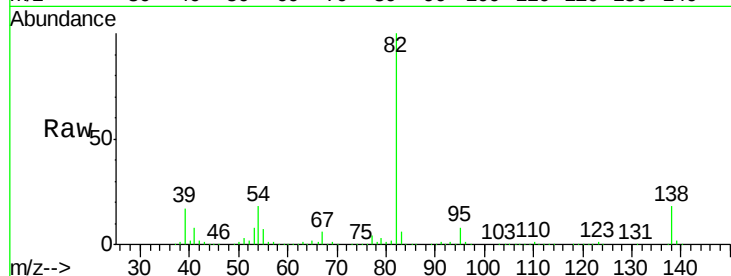
Tgt Ion: 82 Resp: 1396258

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

138 17.6 13.6 20.4



#26

2-Nitrophenol

Concen: 42.79 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

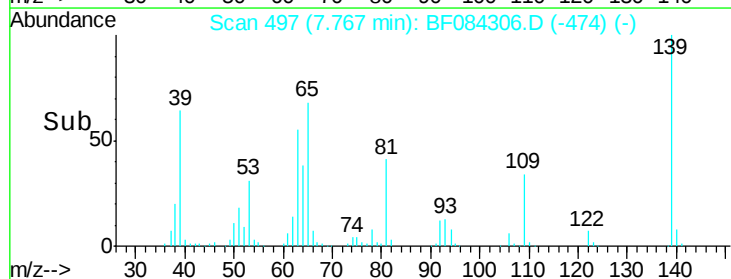
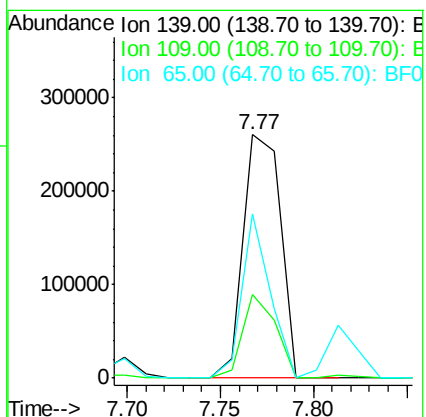
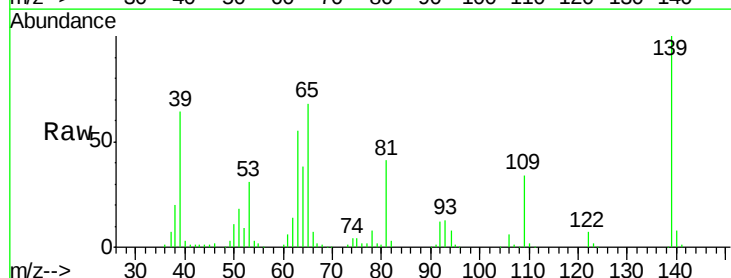
Tgt Ion: 139 Resp: 360888

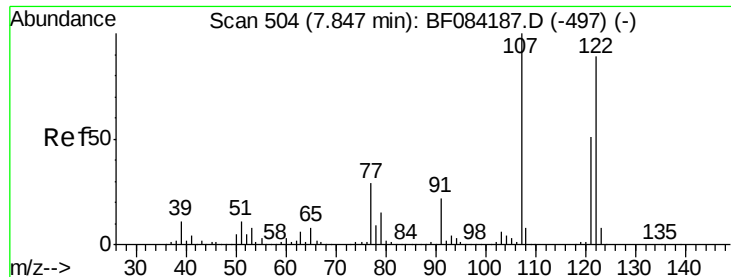
Ion Ratio Lower Upper

139 100

109 34.1 25.4 38.2

65 67.7 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 39.05 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

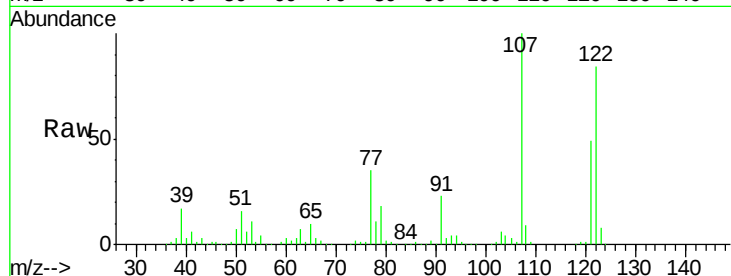
Tgt Ion:122 Resp: 666599

Ion Ratio Lower Upper

122 100

107 118.5 99.1 148.7

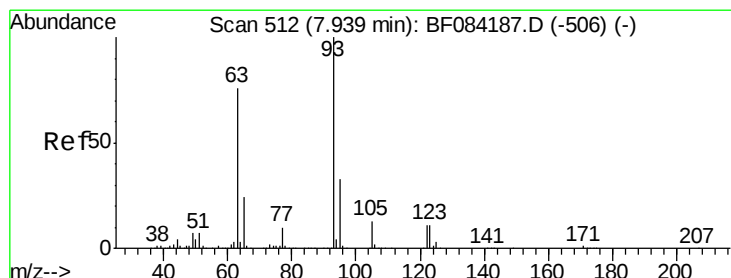
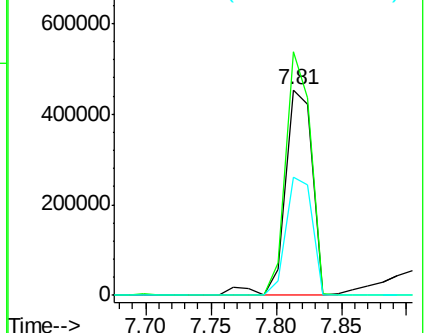
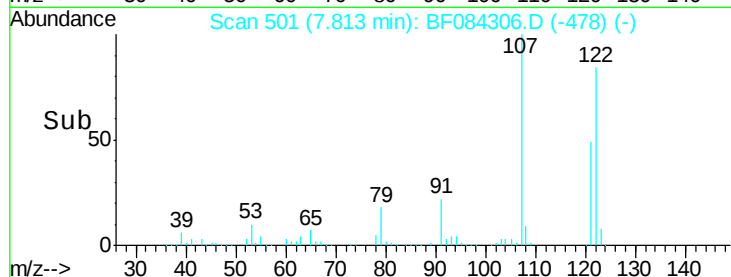
121 57.5 47.9 71.9



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: 39.63 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

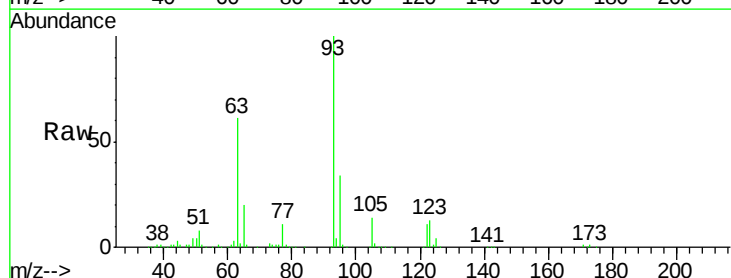
Tgt Ion: 93 Resp: 845919

Ion Ratio Lower Upper

93 100

95 33.7 25.8 38.6

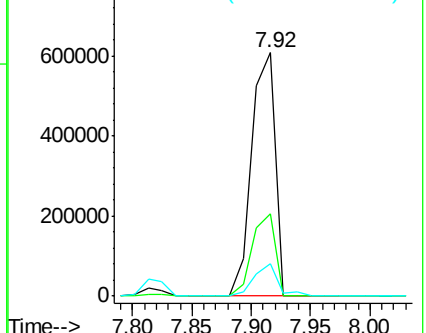
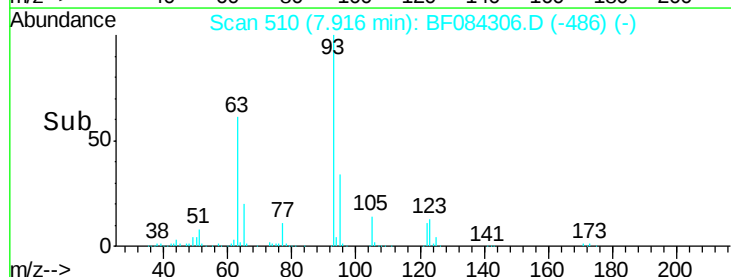
123 13.1 8.6 12.8#



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: 40.07 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

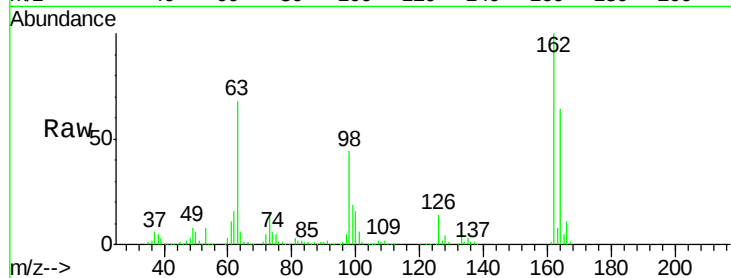
Tgt Ion:162 Resp: 569795

Ion Ratio Lower Upper

162 100

164 64.5 44.1 84.1

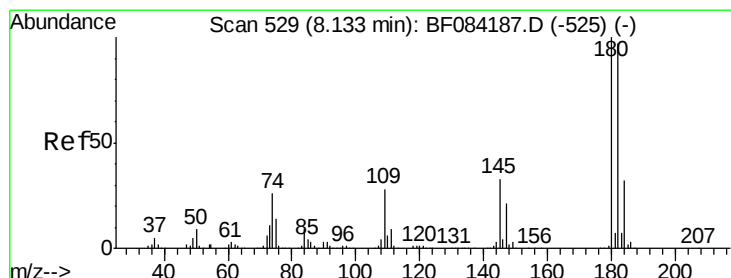
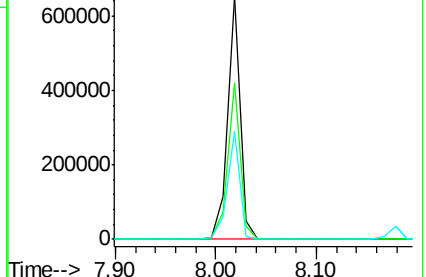
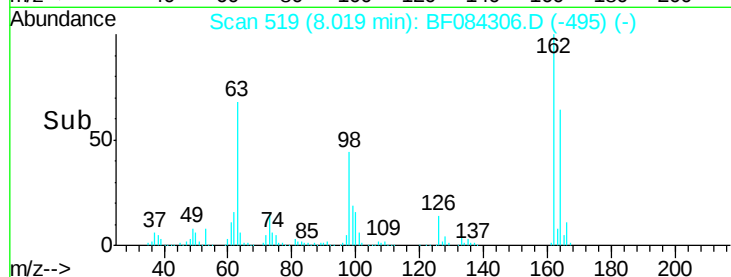
98 44.2 20.2 60.2



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: 41.54 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

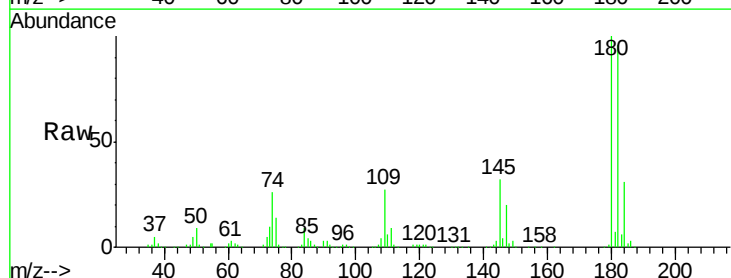
Tgt Ion:180 Resp: 609768

Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

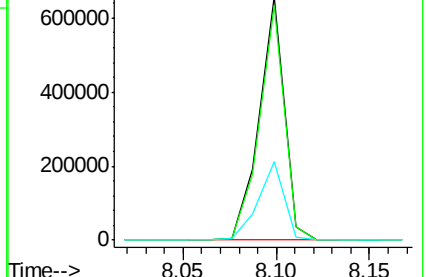
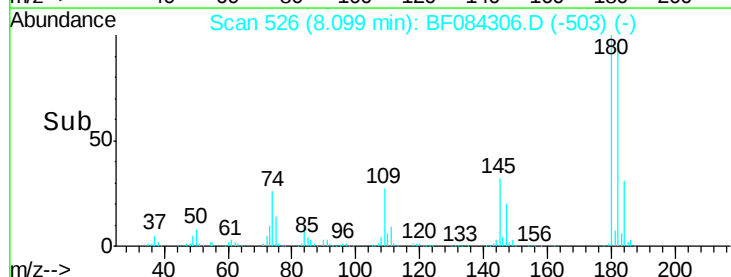
145 32.3 31.6 47.4

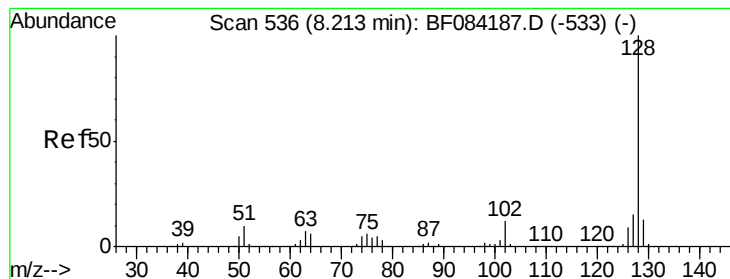


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.78 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampled :

PB87680BS

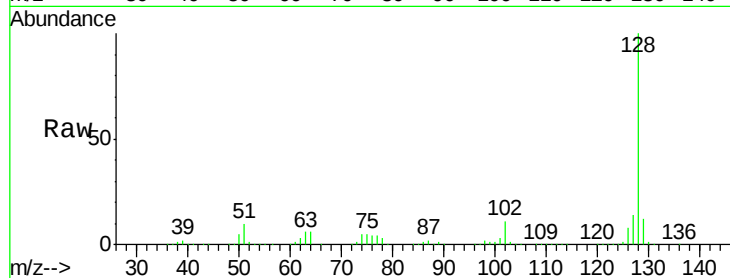
Tgt Ion:128 Resp: 1881267

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

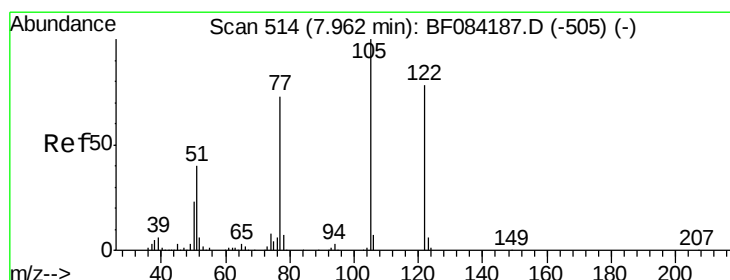
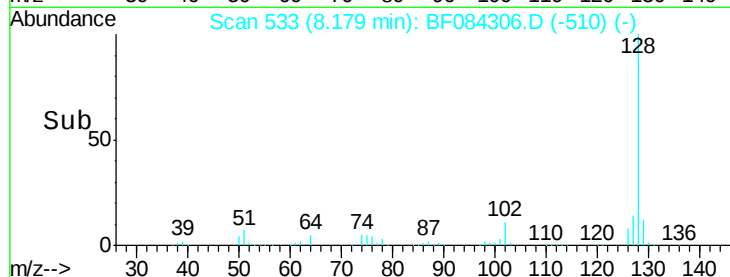
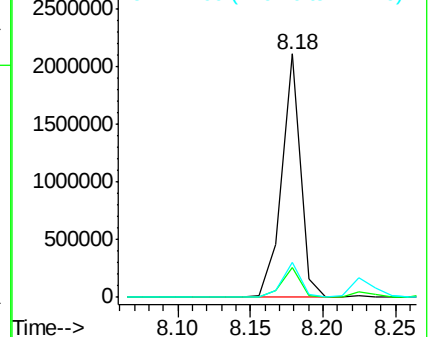
127 14.3 11.1 16.7



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: 32.52 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

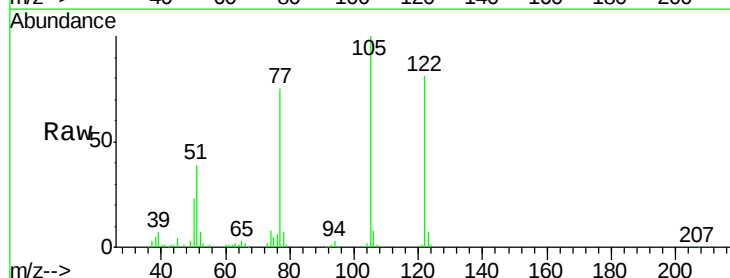
Tgt Ion:122 Resp: 331754

Ion Ratio Lower Upper

122 100

105 124.2 100.3 140.3

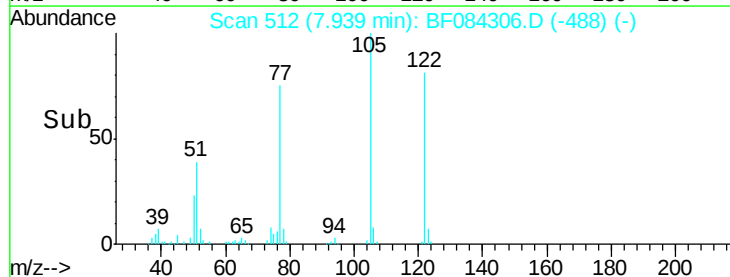
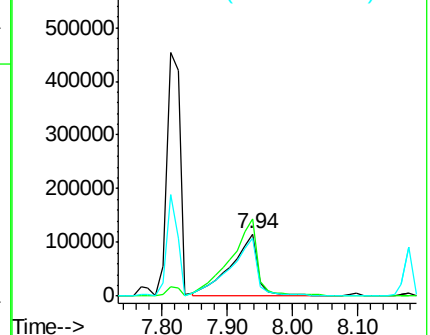
77 93.7 63.5 103.5



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

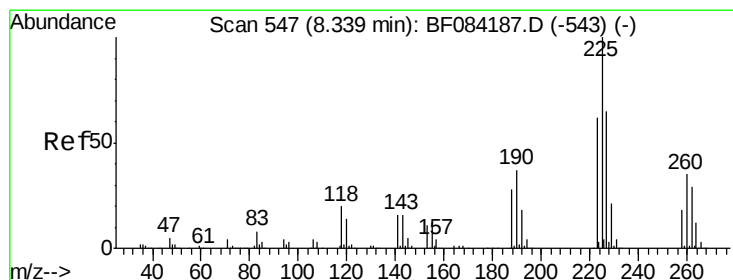
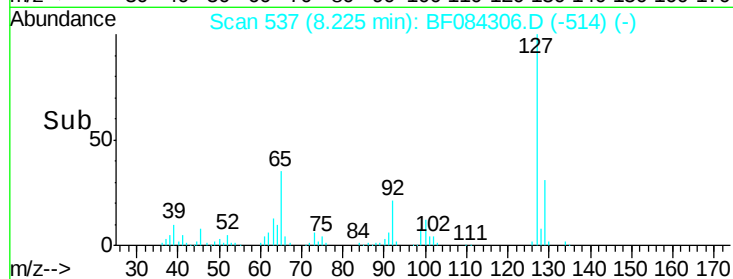
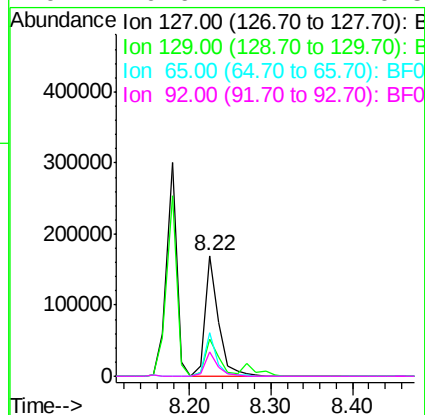
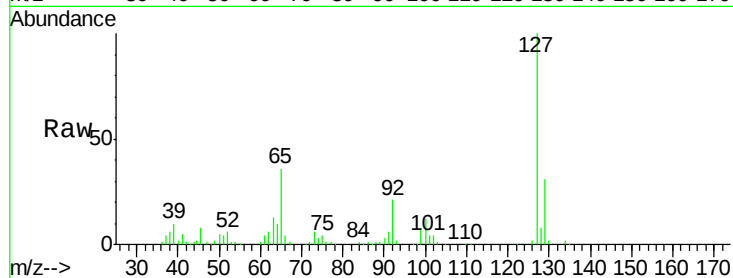




#33
4-Chloroaniline
Concen: 9.45 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

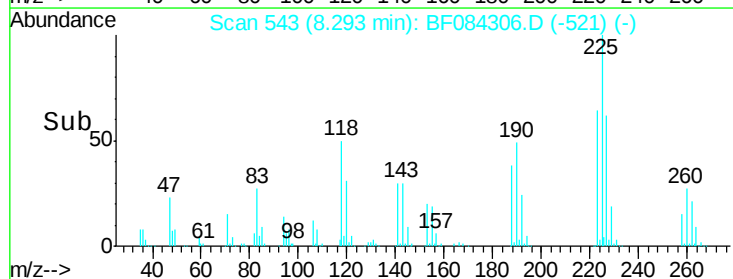
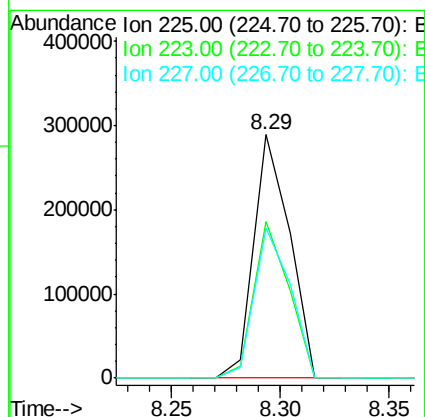
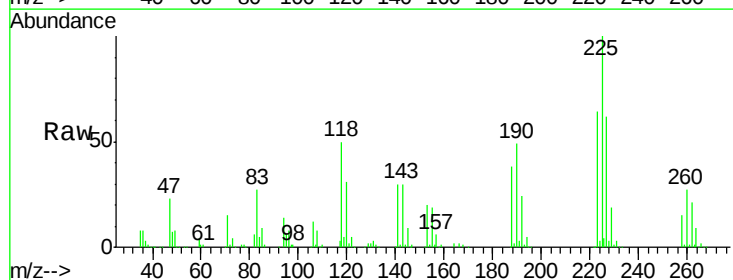
Instrument :
BNA_F
ClientSampleId :
PB87680BS

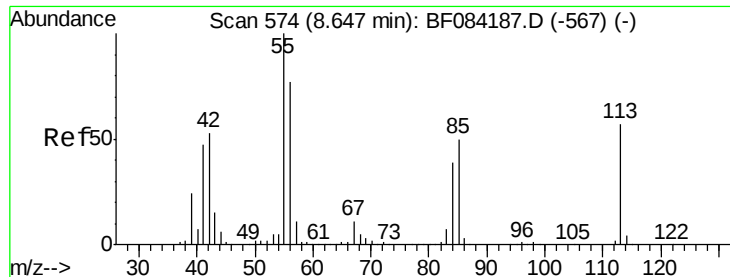
Tgt Ion:	127	Resp:	199842
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	35.8	27.2	40.8
92	20.6	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.27 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion:	225	Resp:	331378
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	61.6	50.8	76.2

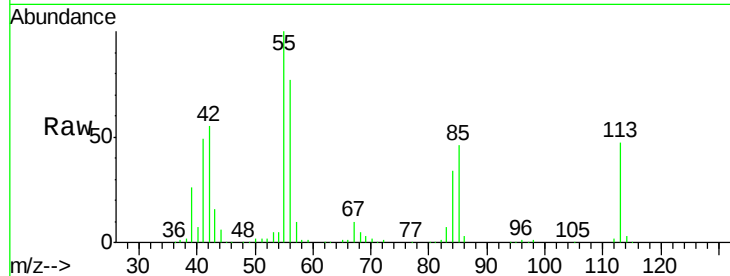




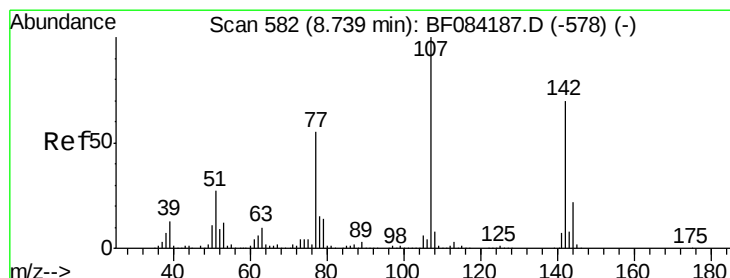
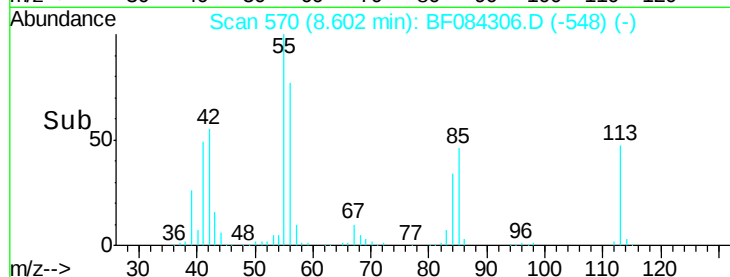
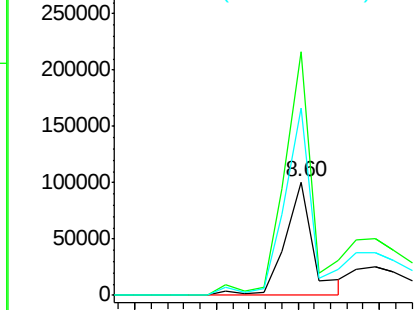
#35
 Caprolactam
 Concen: 25.07 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion:113 Resp: 120186
 Ion Ratio Lower Upper
 113 100
 55 215.0 116.9 156.9#
 56 165.6 93.8 133.8#

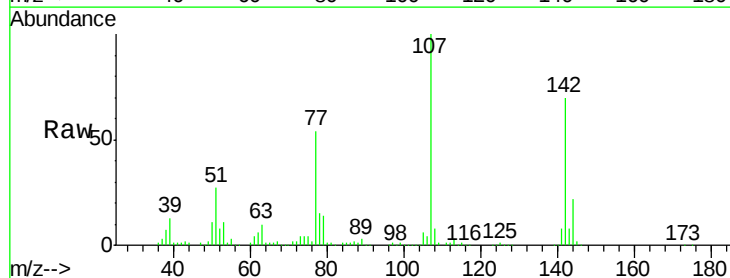


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

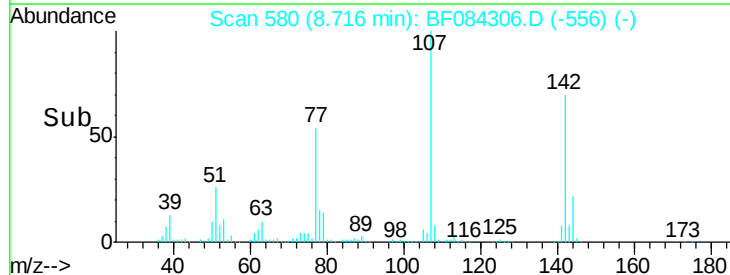
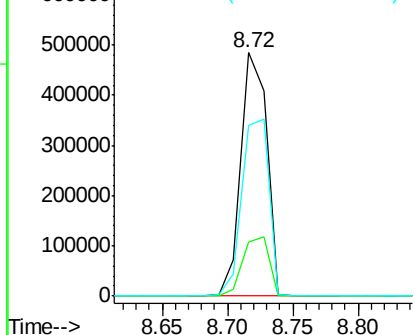


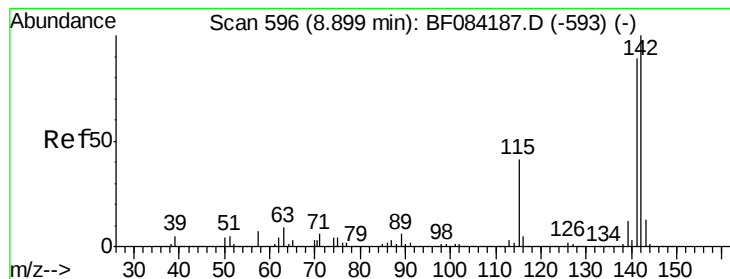
#36
 4-Chloro-3-methylphenol
 Concen: 41.99 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion:107 Resp: 668813
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.7 29.5
 142 70.0 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.84 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

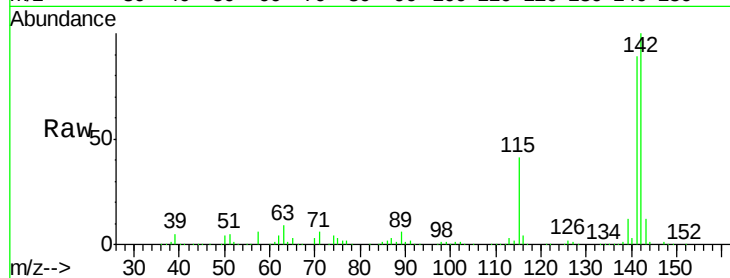
Tgt Ion:142 Resp: 1253336

Ion Ratio Lower Upper

142 100

141 88.7 72.4 108.6

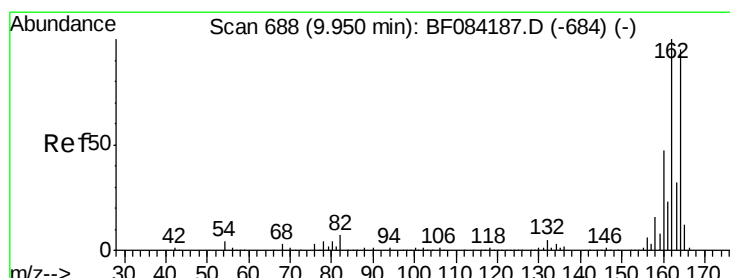
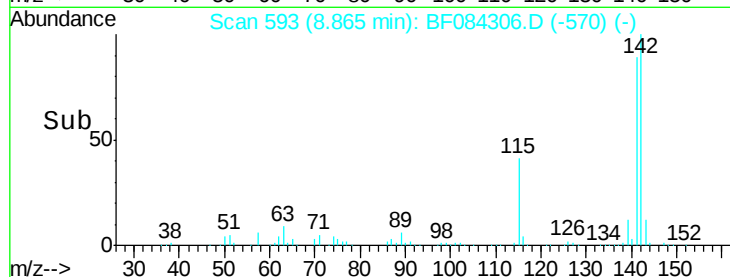
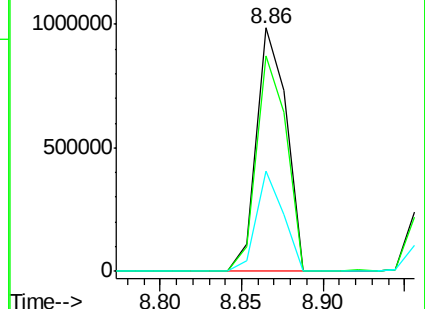
115 40.9 27.9 41.9



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: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

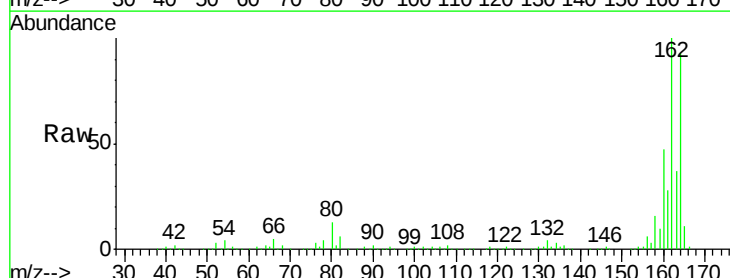
Tgt Ion:164 Resp: 466108

Ion Ratio Lower Upper

164 100

162 107.2 85.1 127.7

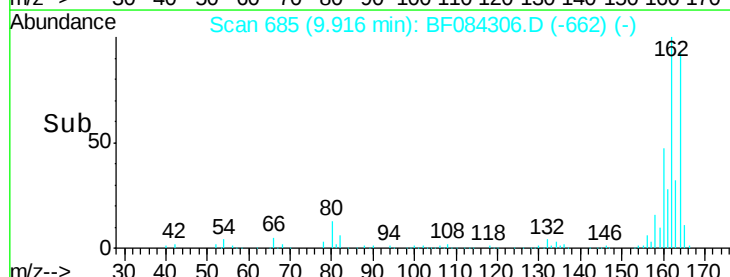
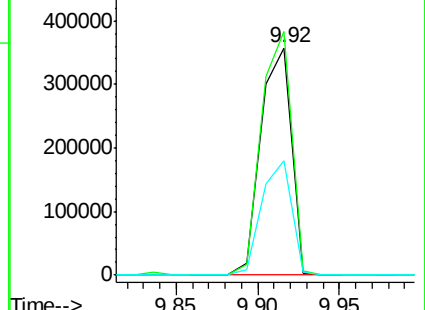
160 50.2 37.5 56.3

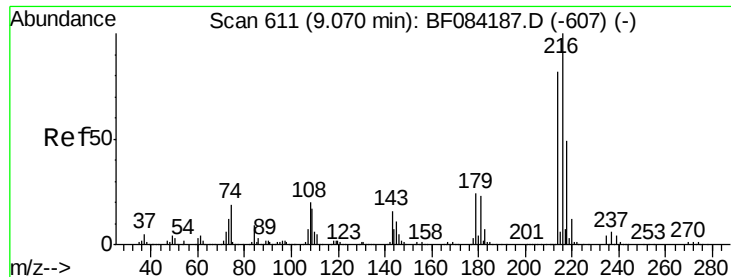


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.54 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

Tgt Ion:216 Resp: 556689

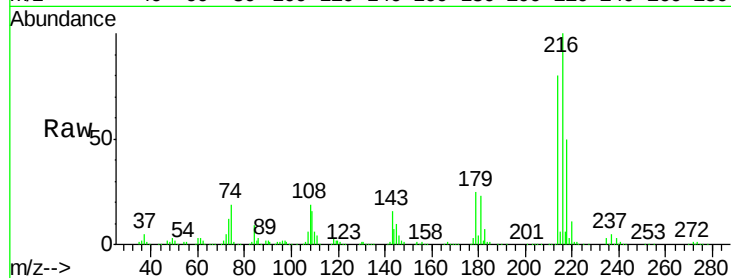
Ion Ratio Lower Upper

216 100

214 80.2 64.2 96.2

179 24.9 18.7 28.1

108 24.6 16.8 25.2

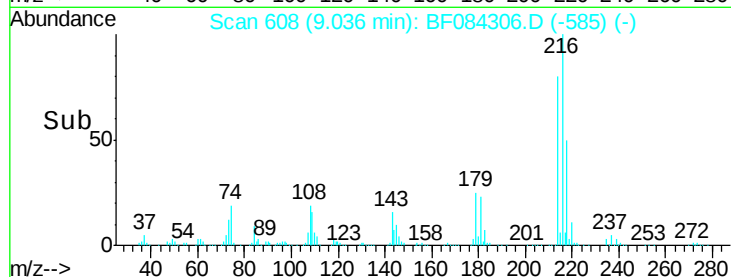


Abundance Ion 216.00 (215.70 to 216.70): E

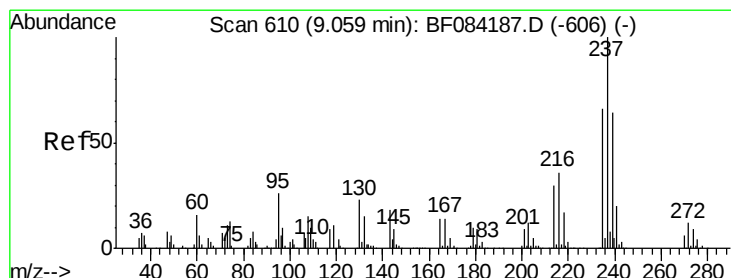
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.64 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

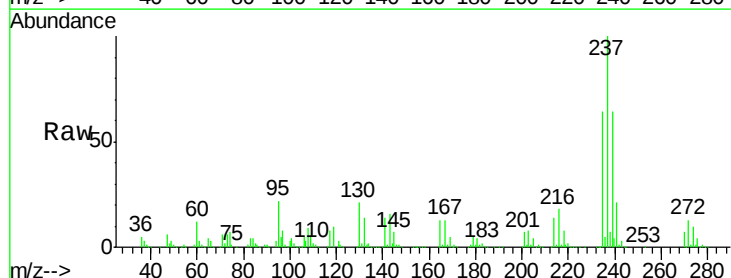
Tgt Ion:237 Resp: 644204

Ion Ratio Lower Upper

237 100

235 64.1 43.1 83.1

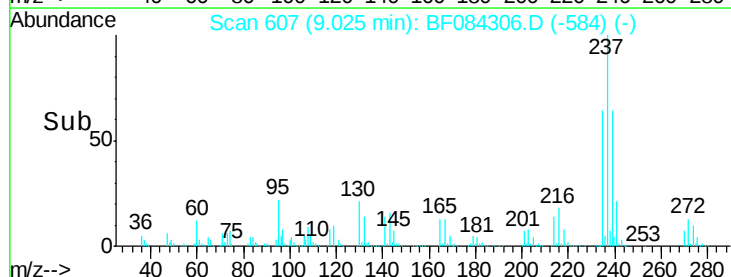
272 13.1 0.0 35.1



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



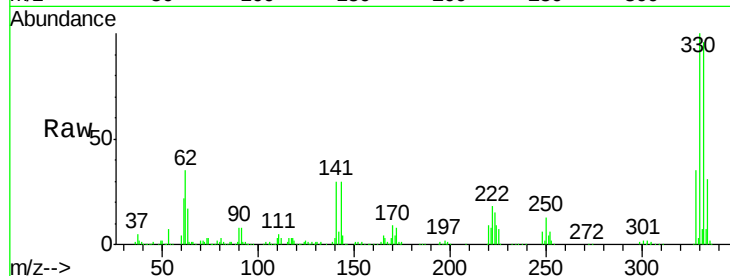
Time-->



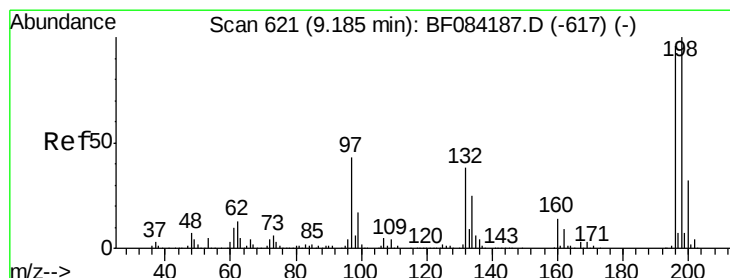
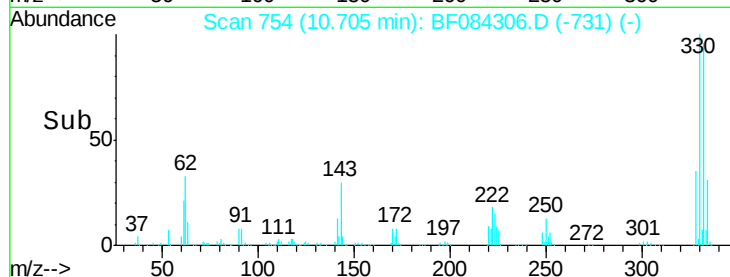
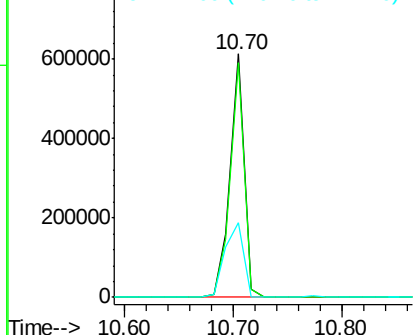
#41
 2,4,6-Tribromophenol
 Concen: 117.60 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion:330 Resp: 553416
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 40.0 27.8 41.6

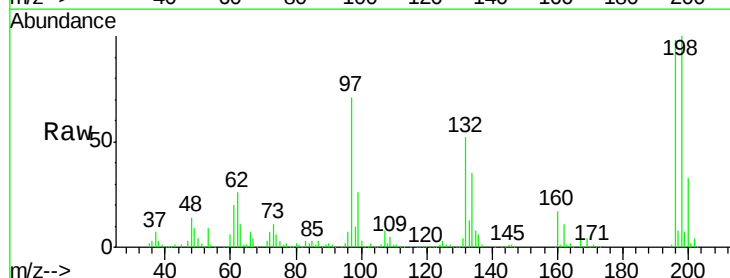


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

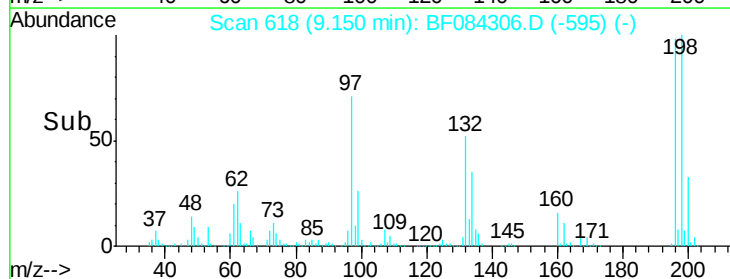
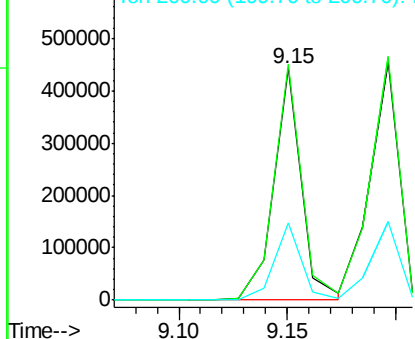


#42
 2,4,6-Trichlorophenol
 Concen: 39.64 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion:196 Resp: 397407
 Ion Ratio Lower Upper
 196 100
 198 101.9 77.7 116.5
 200 33.6 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

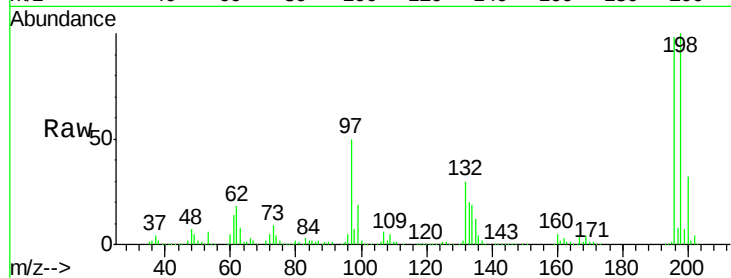




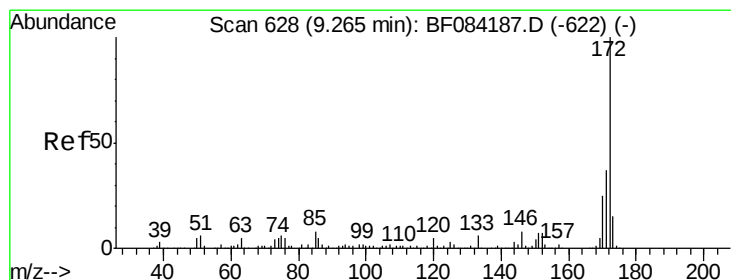
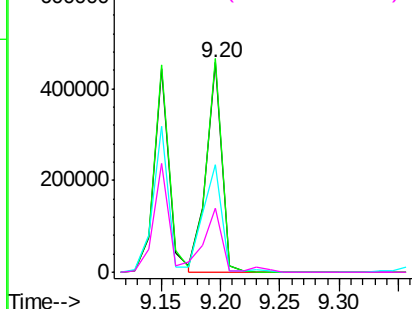
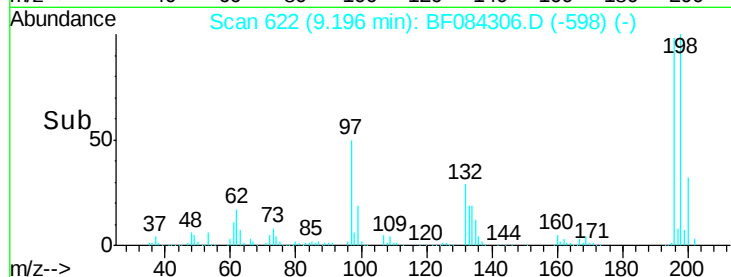
#43
 2,4,5-Trichlorophenol
 Concen: 43.96 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion:196 Resp: 422435
 Ion Ratio Lower Upper
 196 100
 198 101.9 79.0 118.6
 97 51.1 33.0 49.6#
 132 30.4 21.1 31.7

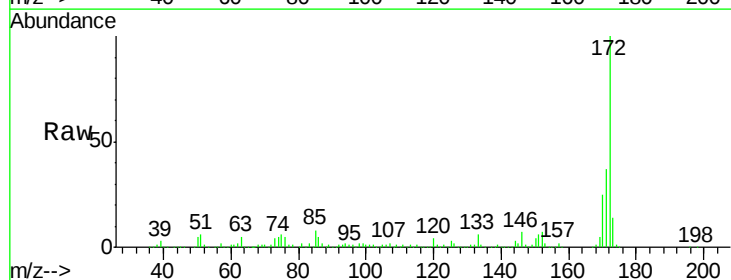


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

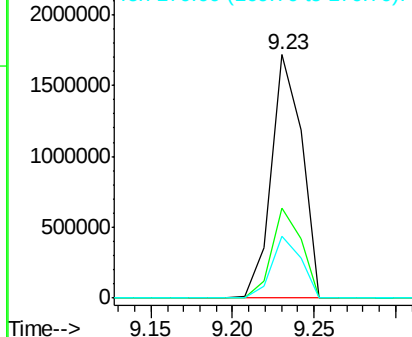
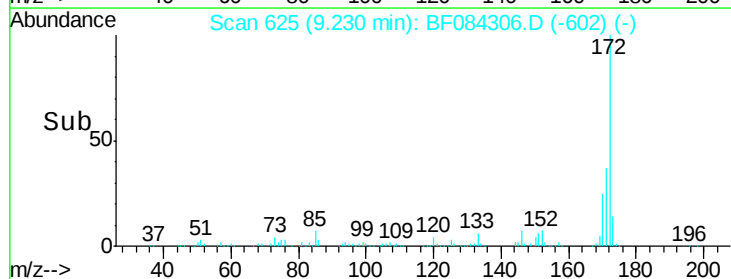


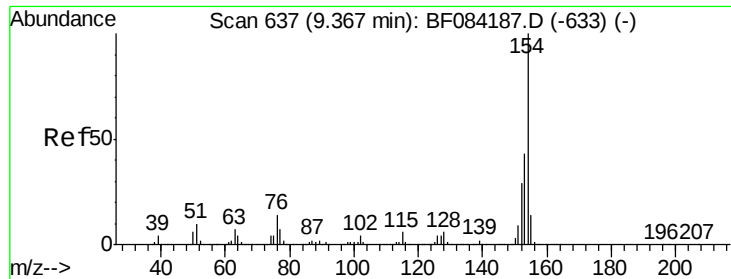
#44
 2-Fluorobiphenyl
 Concen: 84.60 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion:172 Resp: 2242392
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.4 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: 40.40 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

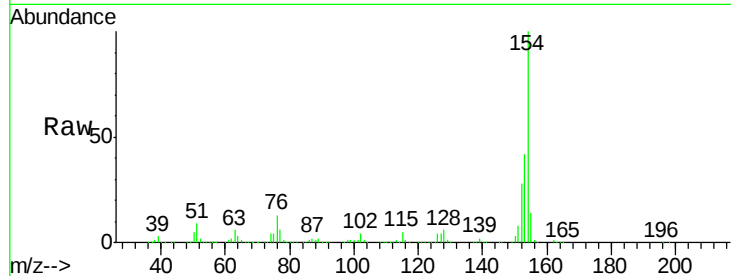
Tgt Ion:154 Resp: 1496786

Ion Ratio Lower Upper

154 100

153 41.6 21.6 61.6

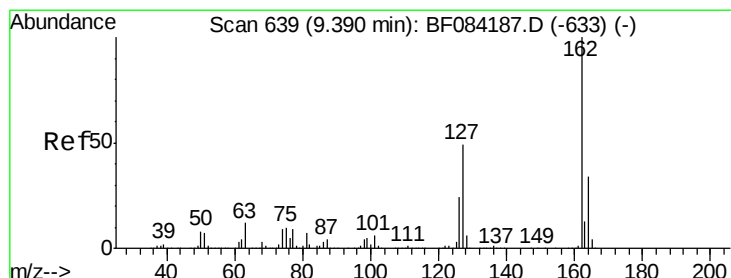
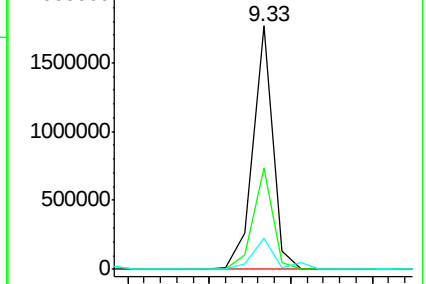
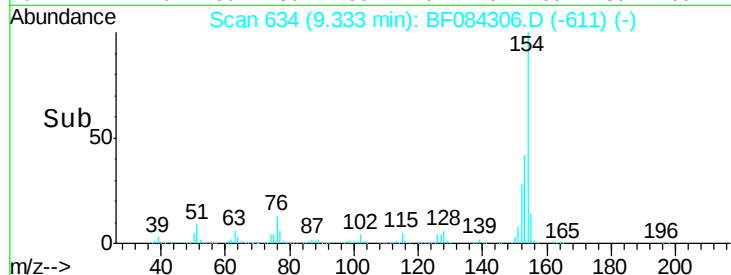
76 12.8 0.0 32.7



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: 38.29 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

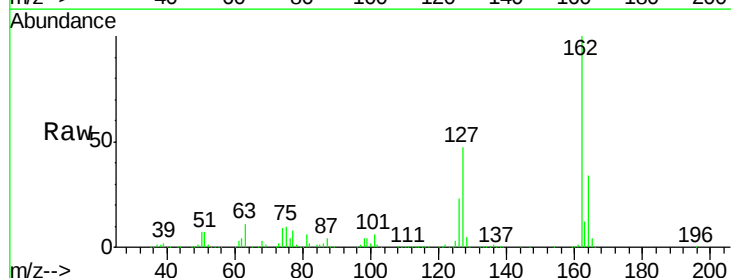
Tgt Ion:162 Resp: 1114298

Ion Ratio Lower Upper

162 100

127 47.0 40.2 60.4

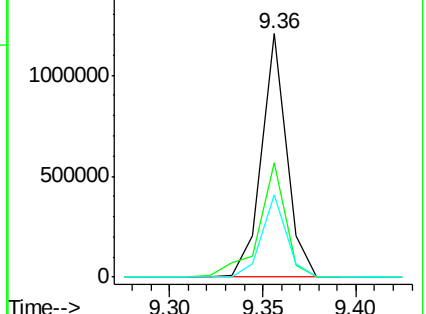
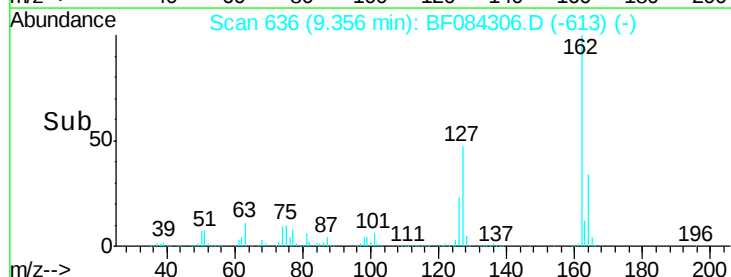
164 33.7 25.7 38.5

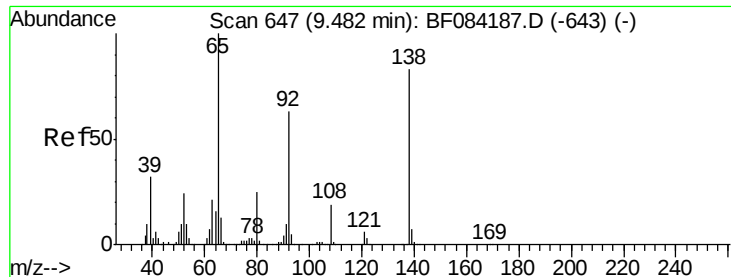


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

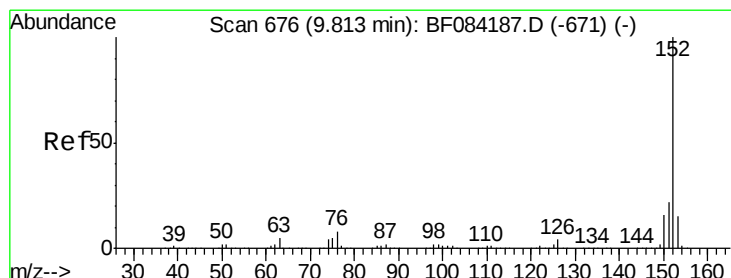
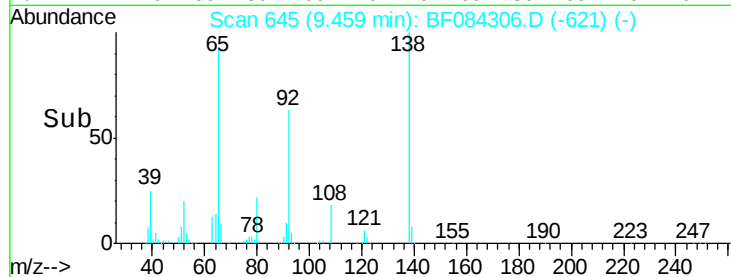
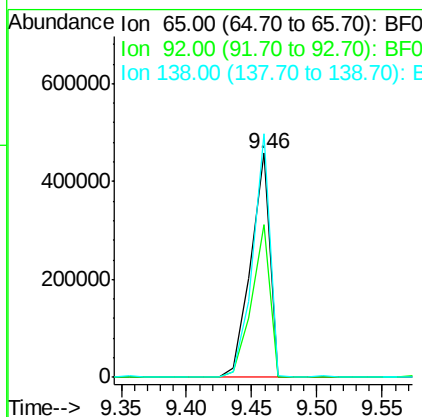
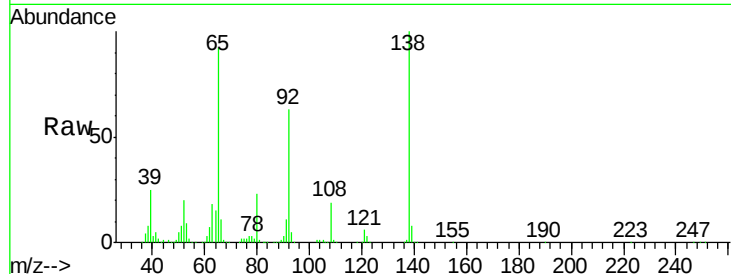




#47
 2-Nitroaniline
 Concen: 48.71 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

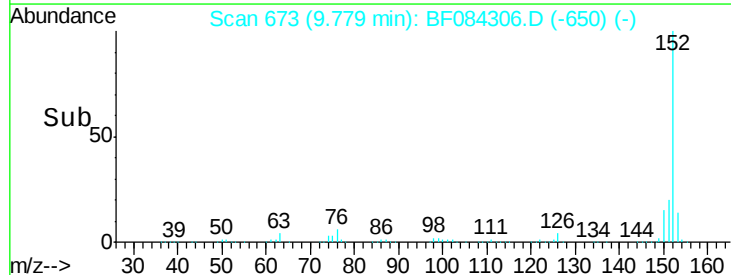
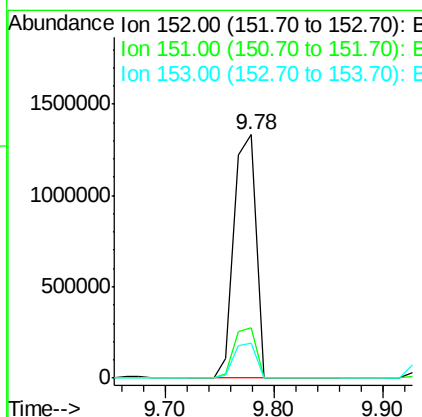
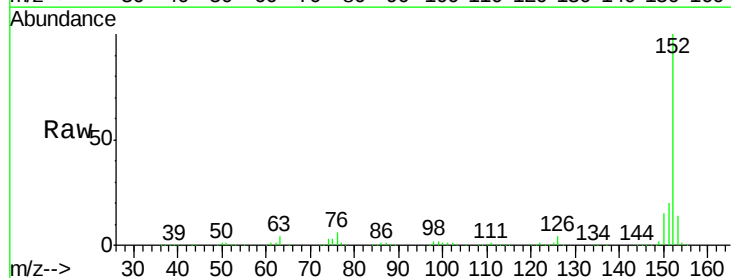
Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

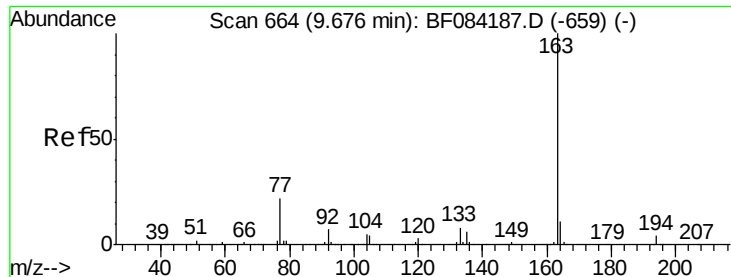
Tgt Ion: 65 Resp: 467824
 Ion Ratio Lower Upper
 65 100
 92 67.9 53.4 80.2
 138 108.5 71.1 106.7#



#48
 Acenaphthylene
 Concen: 42.66 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion: 152 Resp: 1833742
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 14.4 10.4 15.6





#49

Dimethylphthalate

Concen: 44.47 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

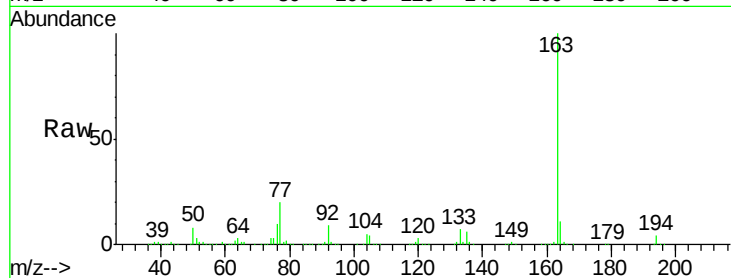
Tgt Ion:163 Resp: 1481966

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

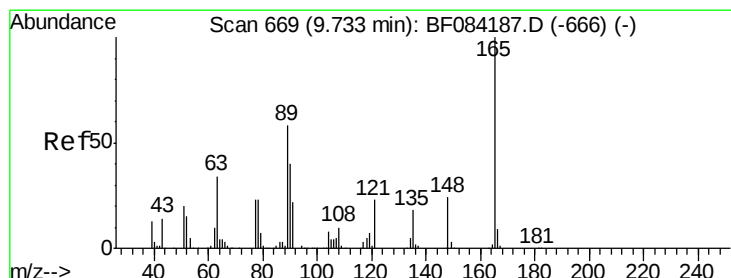
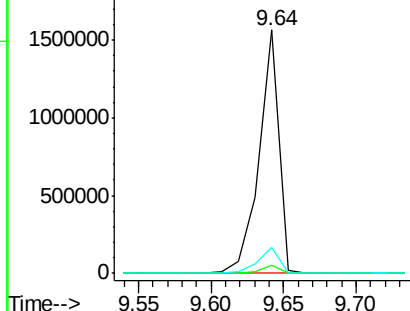
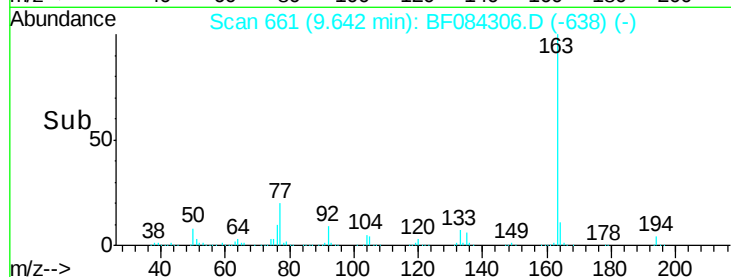
164 10.5 8.0 12.0



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: 43.32 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

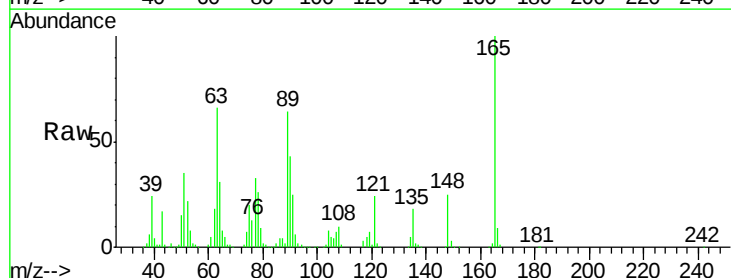
Tgt Ion:165 Resp: 316634

Ion Ratio Lower Upper

165 100

63 65.8 28.8 43.2#

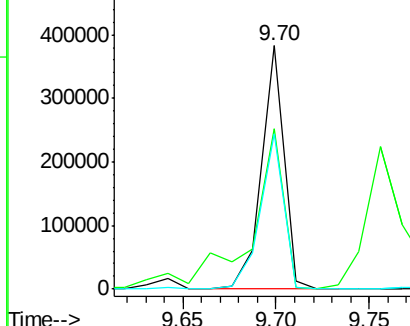
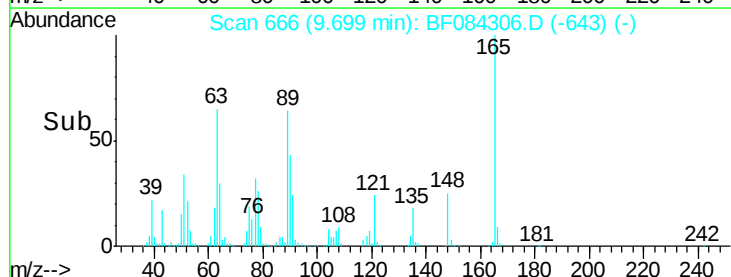
89 63.8 35.1 52.7#

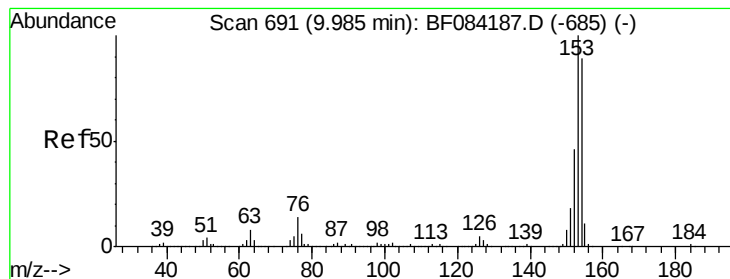


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.89 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleID :

PB87680BS

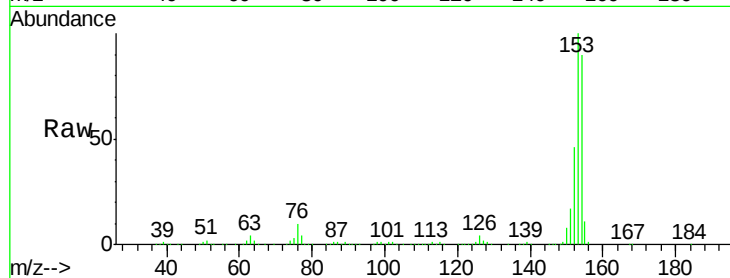
Tgt Ion:154 Resp: 1323230

Ion Ratio Lower Upper

154 100

153 111.5 91.5 137.3

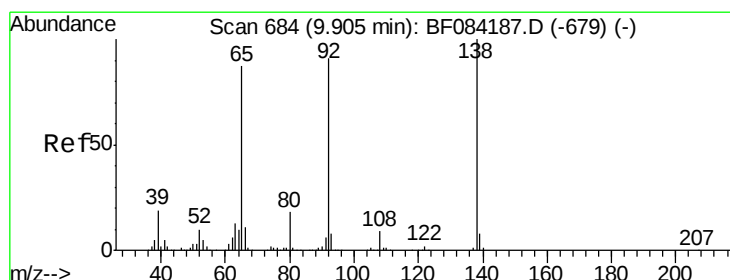
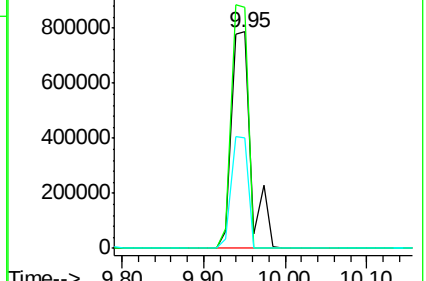
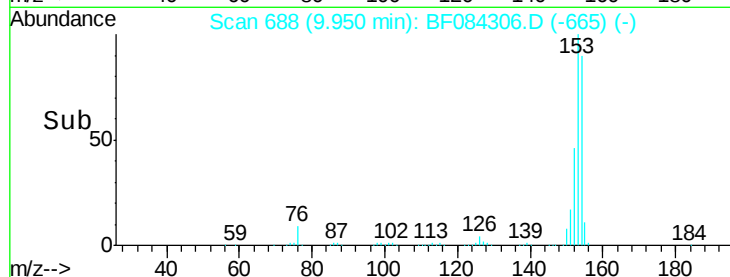
152 50.9 43.0 64.6



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: 23.98 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

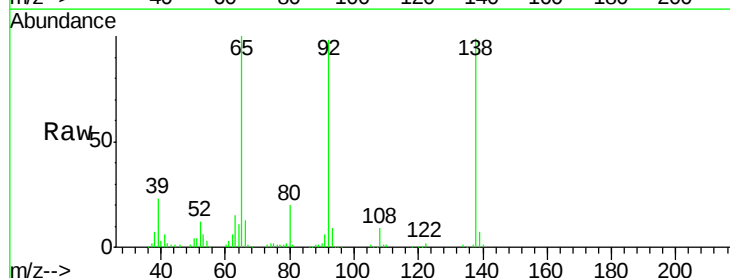
Tgt Ion:138 Resp: 217192

Ion Ratio Lower Upper

138 100

108 9.2 10.5 15.7#

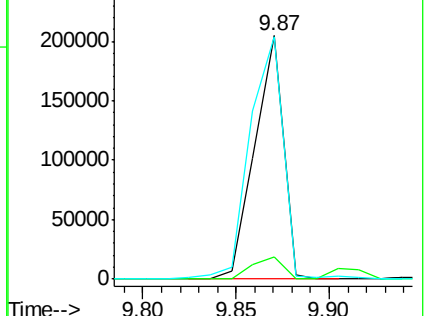
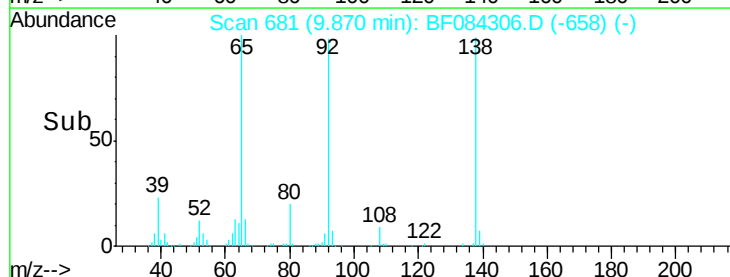
92 99.4 103.9 155.9#



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

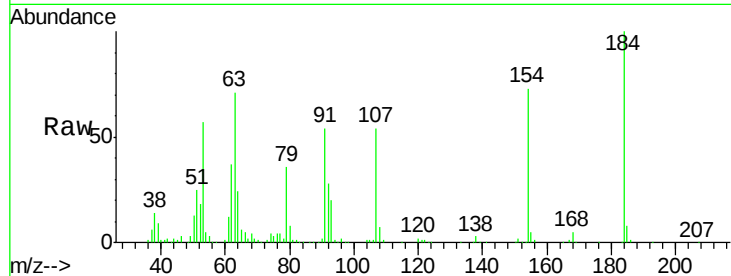




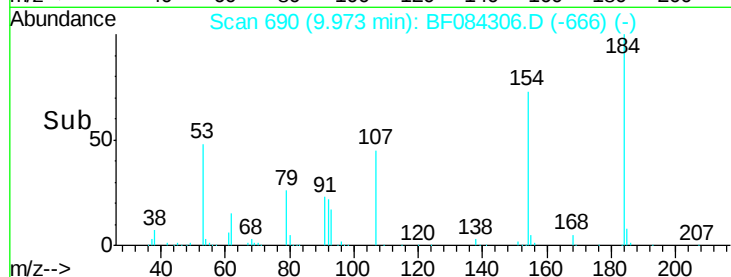
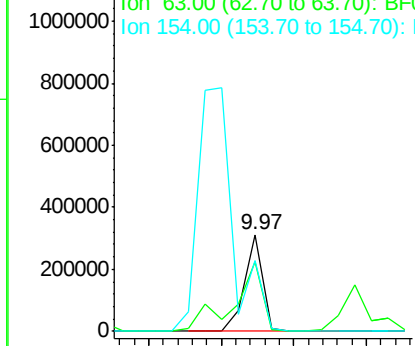
#53
2,4-Dinitrophenol
Concen: 87.54 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB87680BS

Tgt Ion:184 Resp: 273636
Ion Ratio Lower Upper
184 100
63 71.3 43.1 64.7#
154 72.9 60.5 90.7

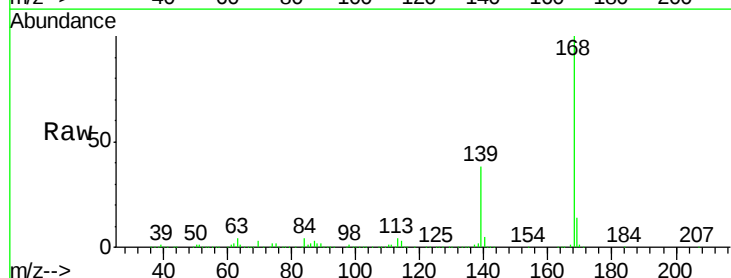


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

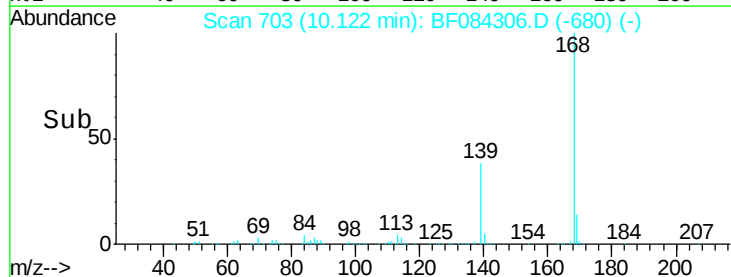
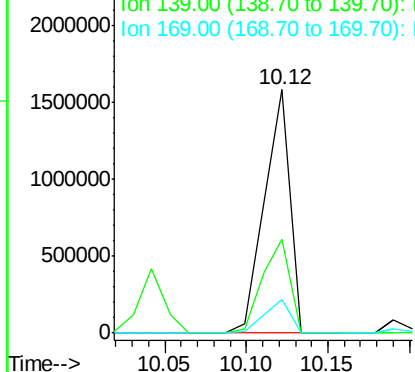


#54
Dibenzofuran
Concen: 45.97 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion:168 Resp: 1714577
Ion Ratio Lower Upper
168 100
139 38.4 30.5 45.7
169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

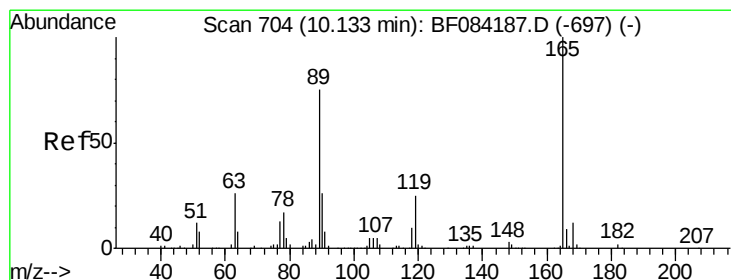
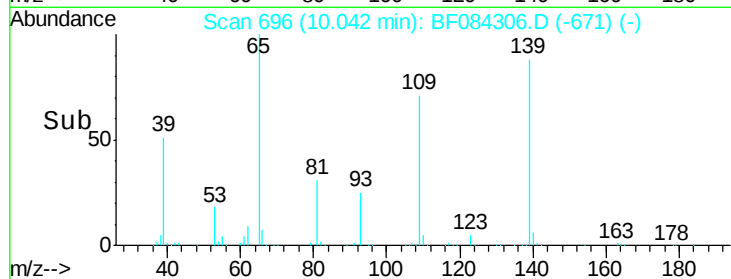
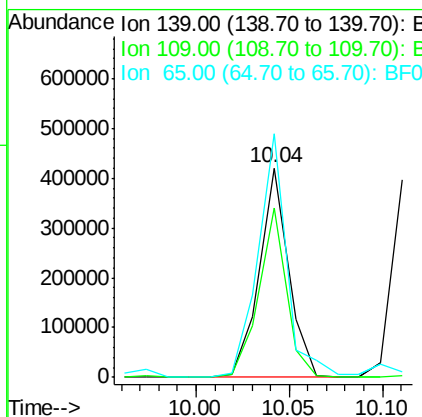
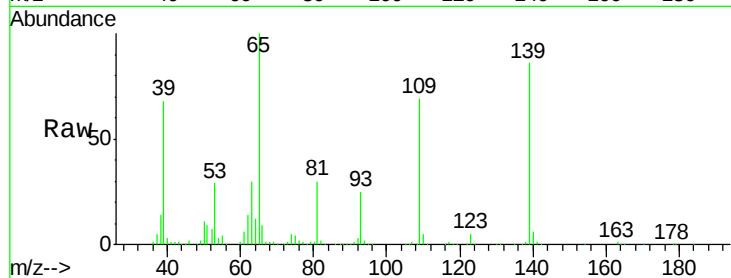




#55
4-Nitrophenol
Concen: 70.08 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

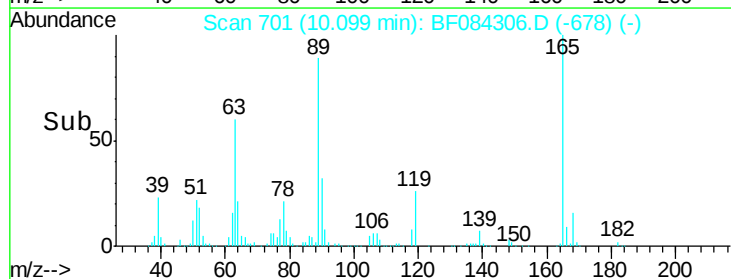
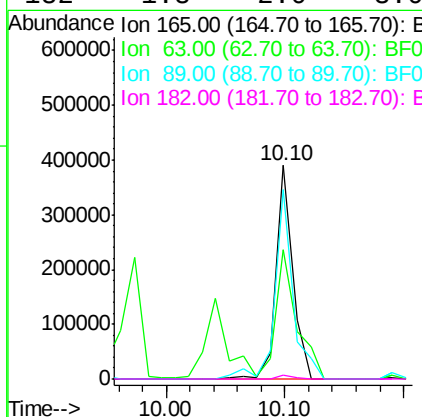
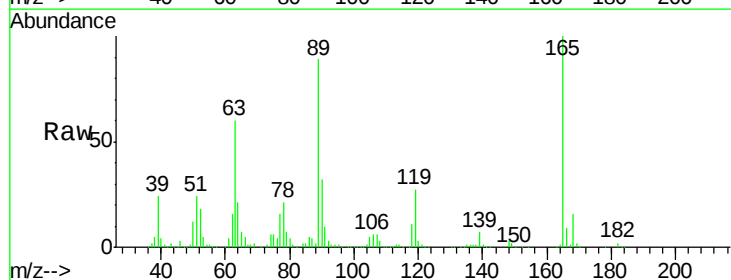
Instrument :
BNA_F
ClientSampleId :
PB87680BS

Tgt Ion:139 Resp: 460650
Ion Ratio Lower Upper
139 100
109 80.8 58.5 98.5
65 116.3 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 41.13 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion:165 Resp: 380428
Ion Ratio Lower Upper
165 100
63 60.4 36.7 55.1#
89 88.9 61.9 92.9
182 1.8 2.0 3.0#





#57

Fluorene

Concen: 43.18 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

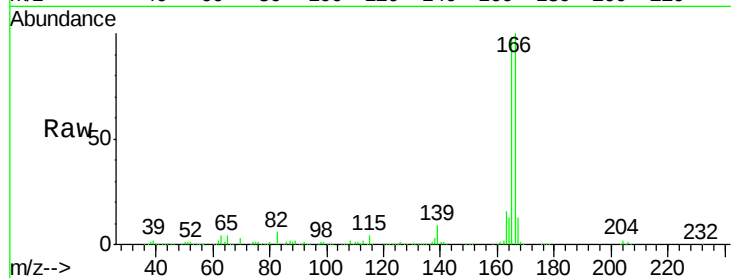
Tgt Ion:166 Resp: 1249737

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

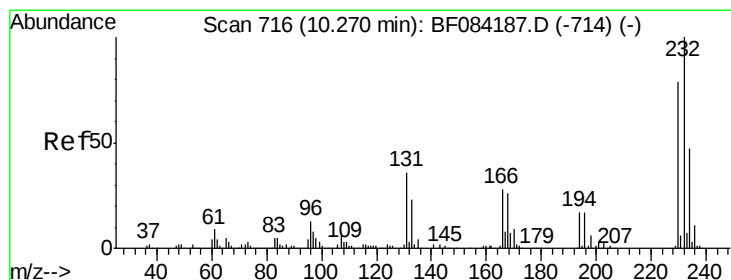
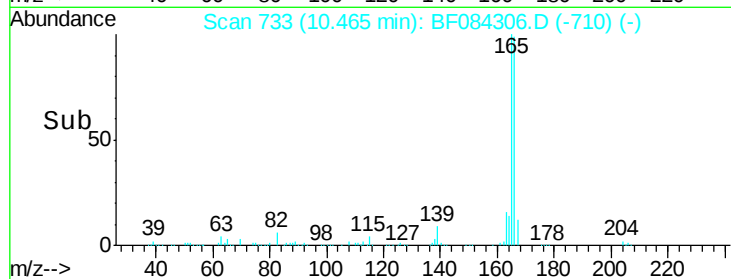
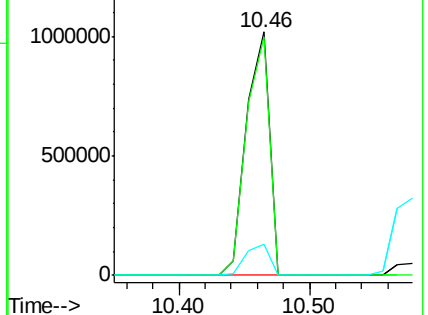
167 12.9 10.4 15.6



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: 40.31 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Tgt Ion:232 Resp: 330749

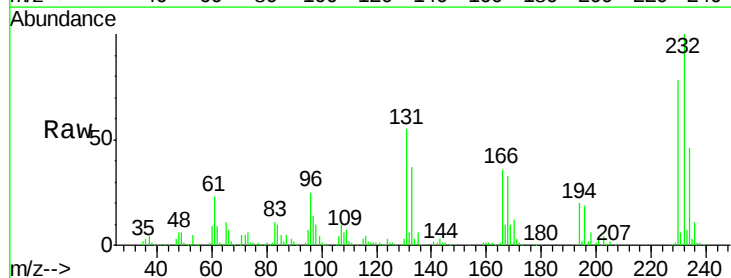
Ion Ratio Lower Upper

232 100

131 54.8 47.0 70.6

130 2.8 2.0 3.0

166 34.9 30.5 45.7

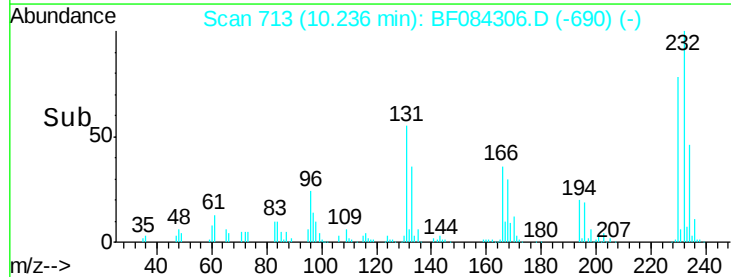
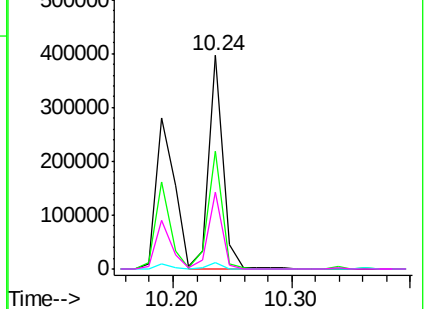


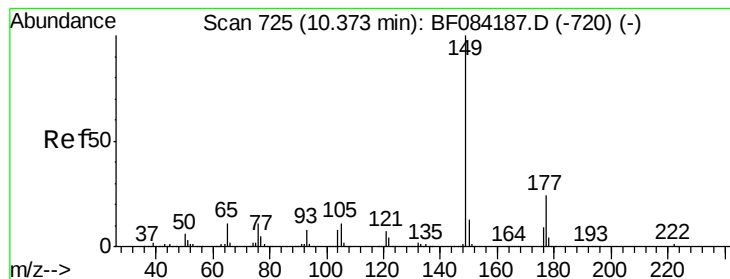
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.93 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

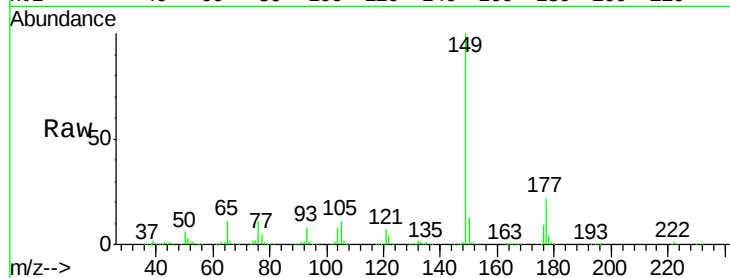
Tgt Ion:149 Resp: 1377684

Ion Ratio Lower Upper

149 100

177 22.2 17.3 25.9

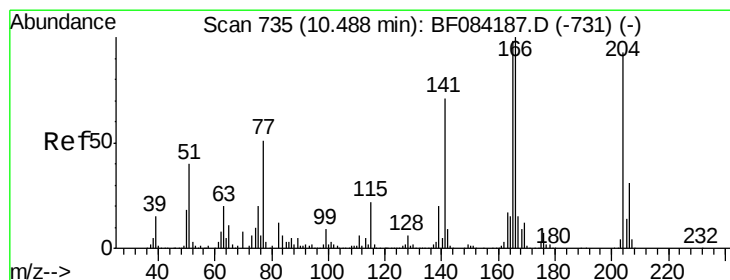
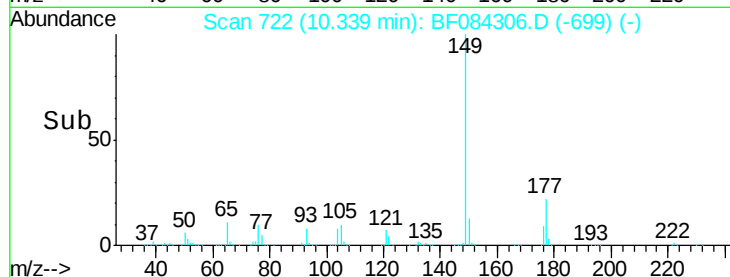
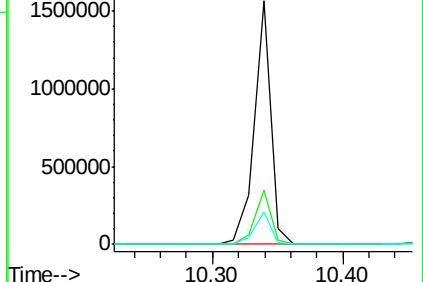
150 13.3 9.8 14.8



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: 51.35 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

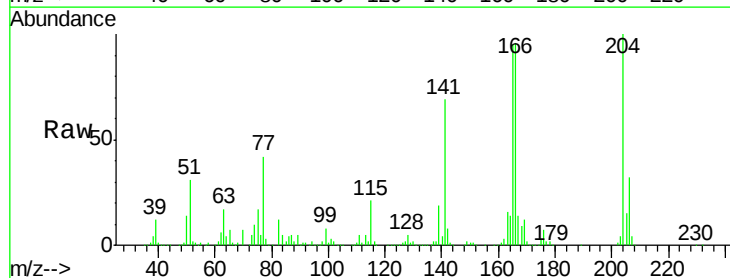
Tgt Ion:204 Resp: 612110

Ion Ratio Lower Upper

204 100

206 32.2 25.7 38.5

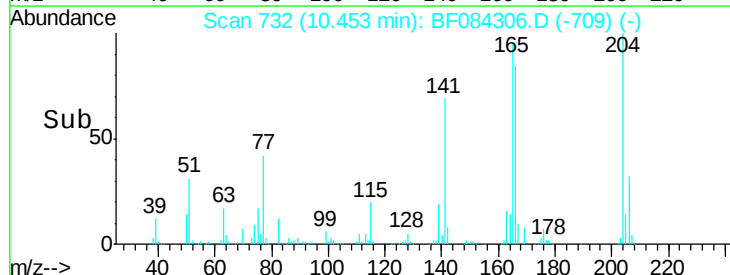
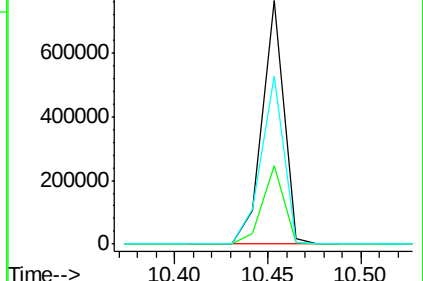
141 69.3 55.1 82.7

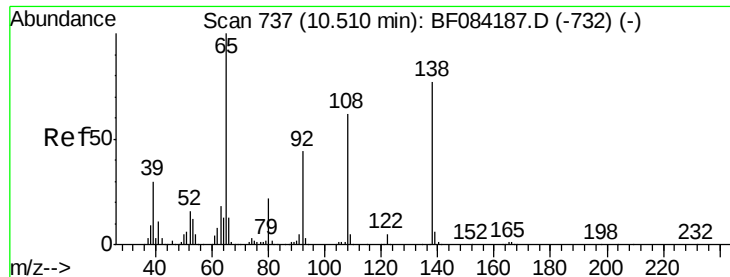


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

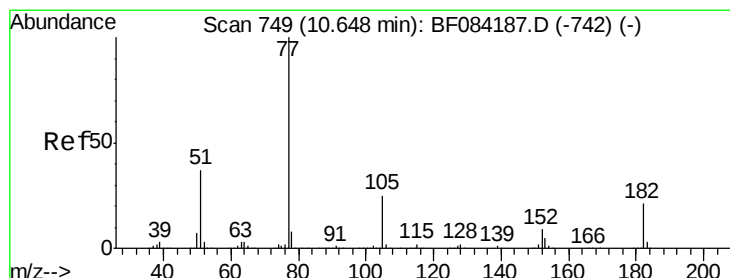
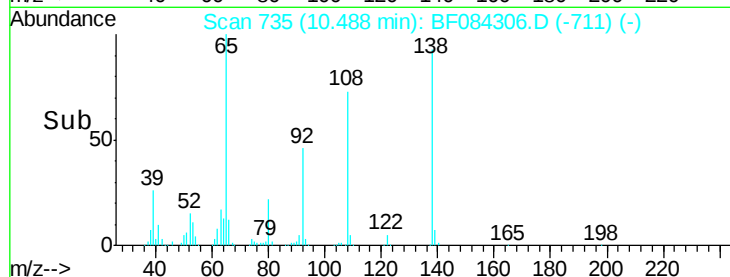
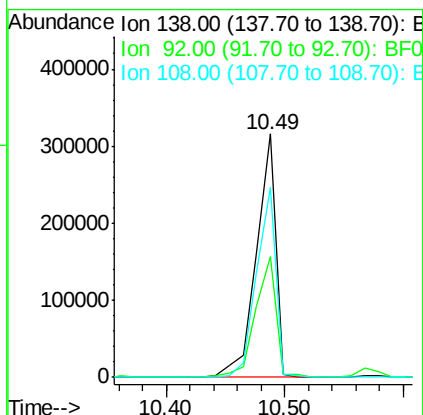
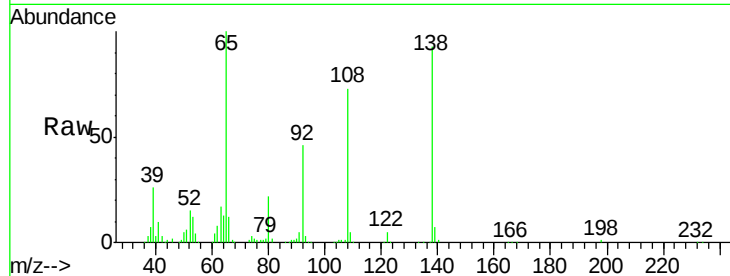




#61
4-Nitroaniline
Concen: 44.87 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

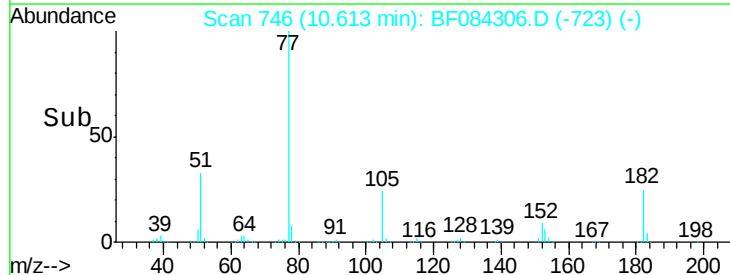
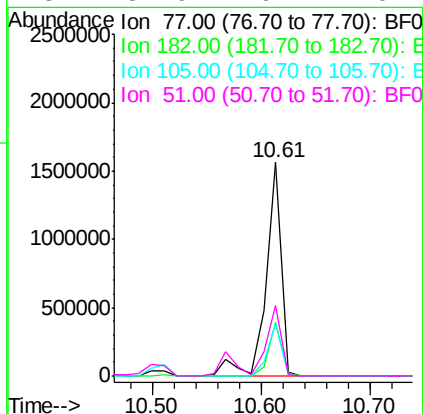
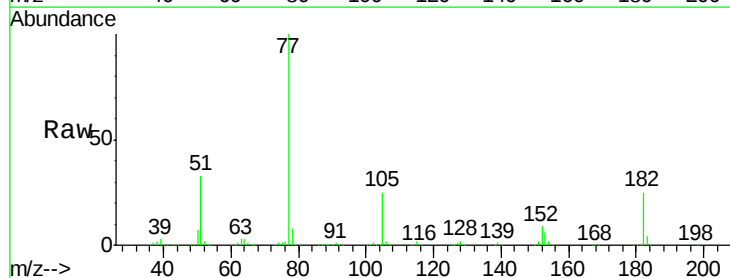
Instrument :
BNA_F
ClientSampleId :
PB87680BS

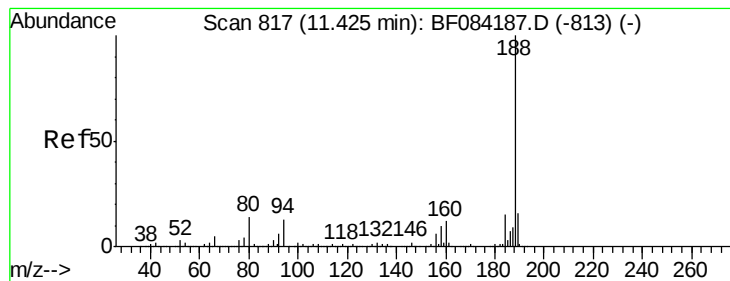
Tgt Ion:138 Resp: 362242
Ion Ratio Lower Upper
138 100
92 49.8 32.6 72.6
108 78.2 68.6 108.6



#62
Azobenzene
Concen: 43.30 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion: 77 Resp: 1560441
Ion Ratio Lower Upper
77 100
182 25.2 8.3 48.3
105 24.5 4.6 44.6
51 32.9 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

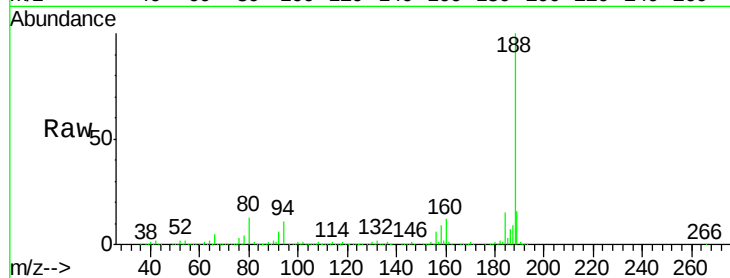
Tgt Ion:188 Resp: 845720

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

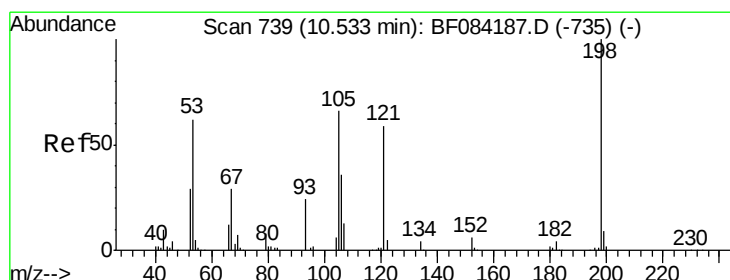
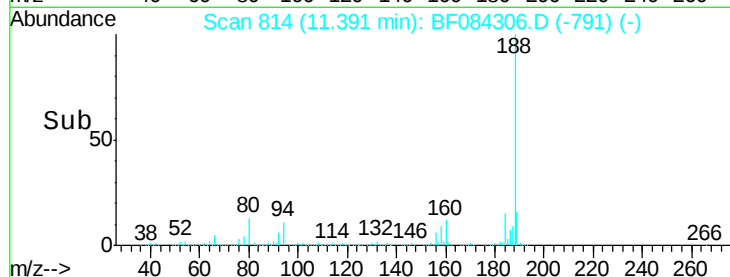
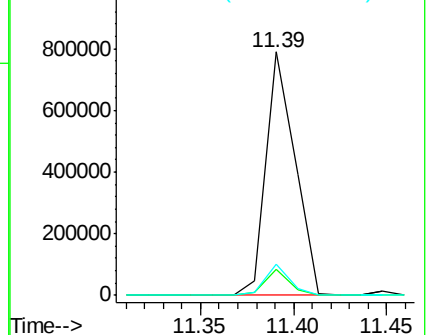
80 12.6 9.6 14.4



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: 40.44 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

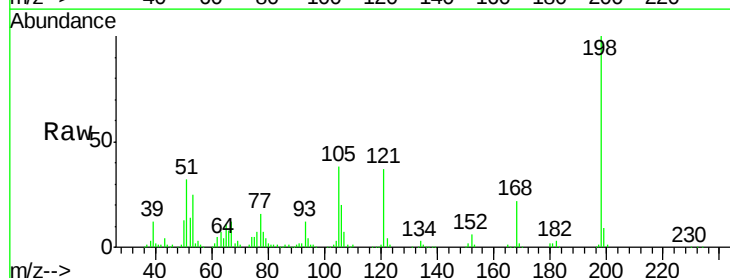
Tgt Ion:198 Resp: 208908

Ion Ratio Lower Upper

198 100

51 32.0 18.9 58.9

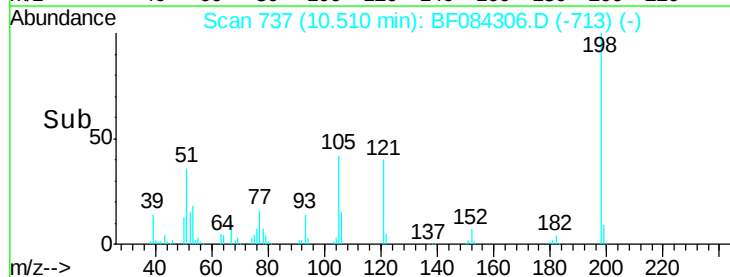
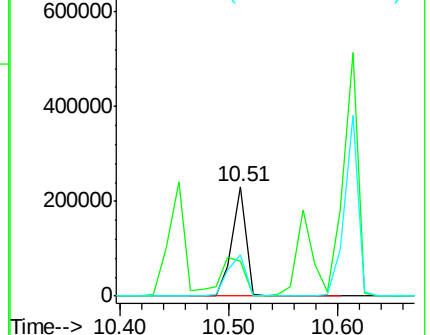
105 37.6 26.4 66.4

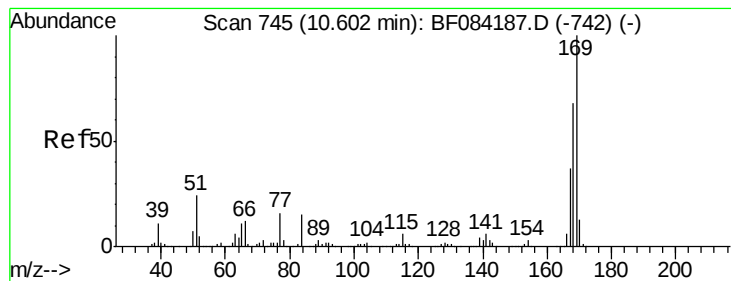


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.54 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

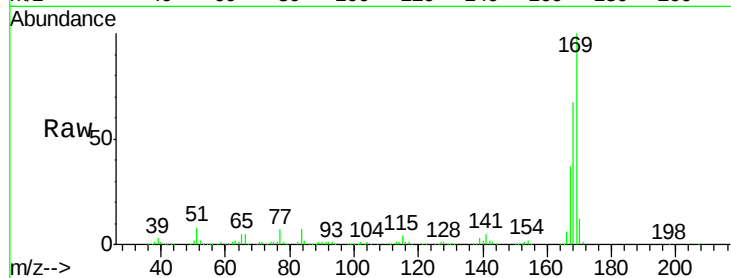
Tgt Ion:169 Resp: 1150170

Ion Ratio Lower Upper

169 100

168 66.9 55.1 82.7

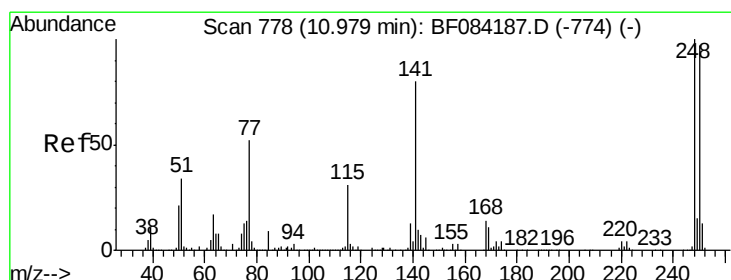
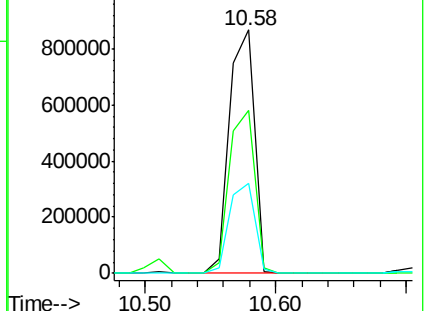
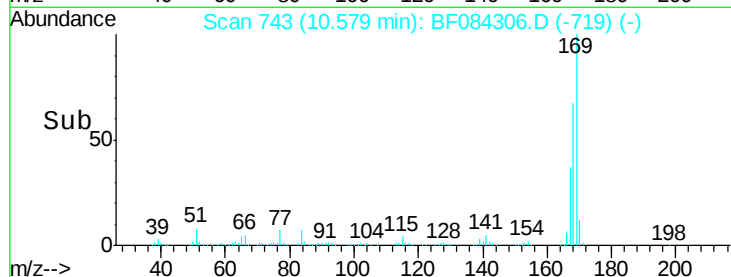
167 37.1 30.0 45.0



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: 45.02 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

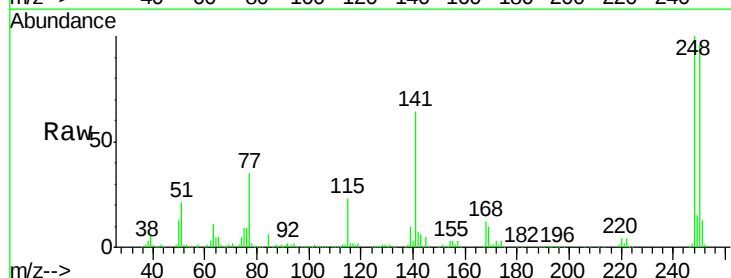
Tgt Ion:248 Resp: 409818

Ion Ratio Lower Upper

248 100

250 95.6 78.4 117.6

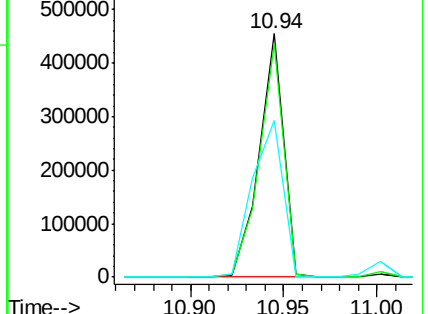
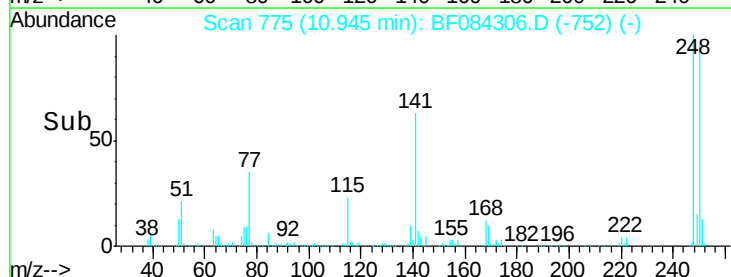
141 64.4 44.0 66.0

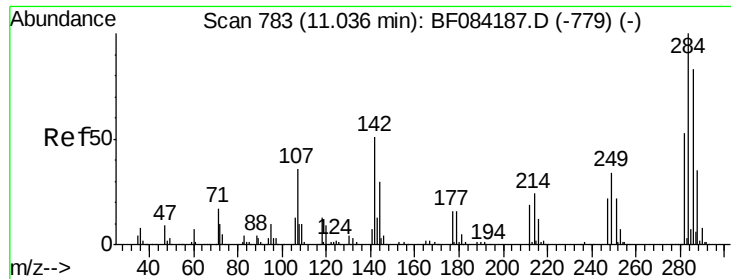


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

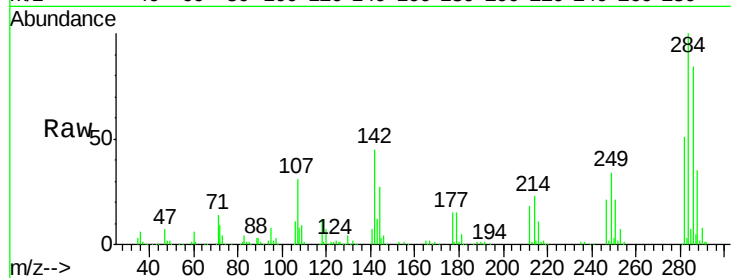




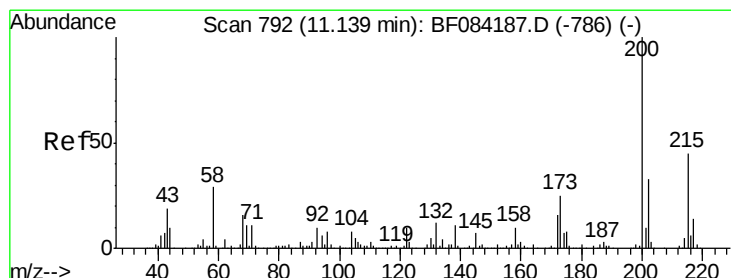
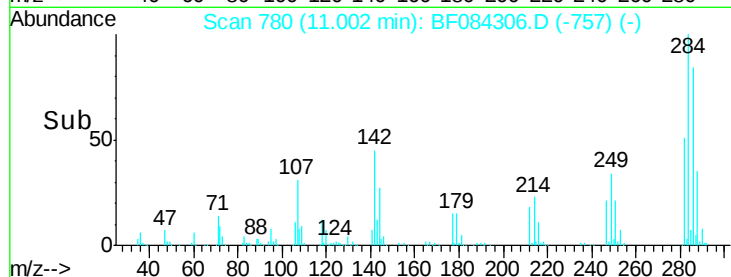
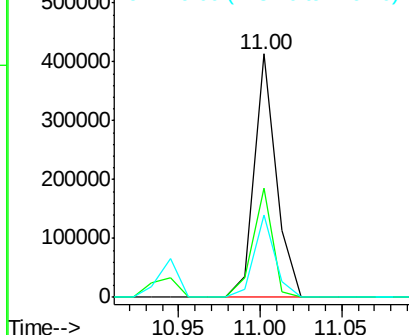
#67
Hexachlorobenzene
Concen: 37.89 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Instrument :
BNA_F
ClientSampled :
PB87680BS

Tgt Ion:284 Resp: 388198
Ion Ratio Lower Upper
284 100
142 45.1 22.2 33.4#
249 33.6 24.6 37.0

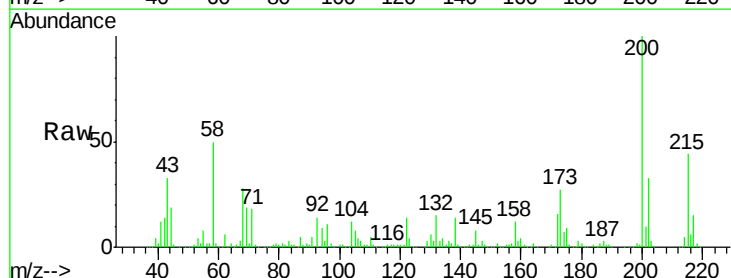


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

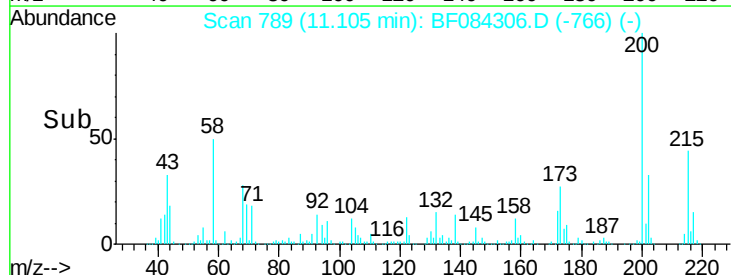
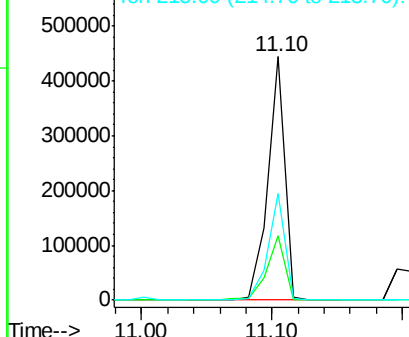


#68
Atrazine
Concen: 45.50 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion:200 Resp: 402606
Ion Ratio Lower Upper
200 100
173 26.6 9.5 49.5
215 43.9 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

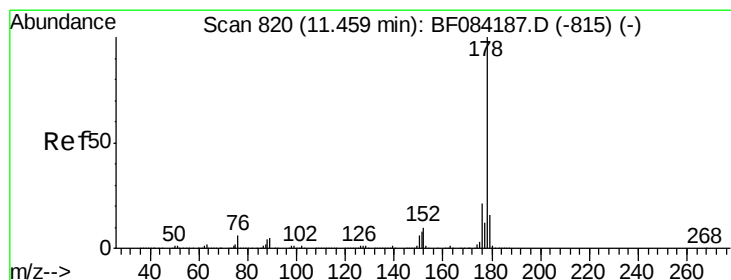
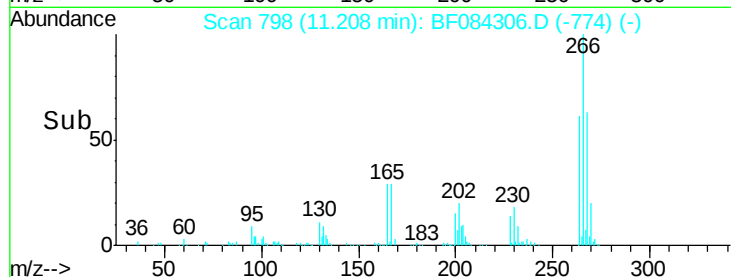
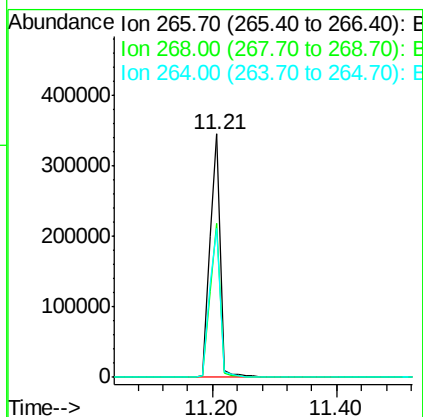
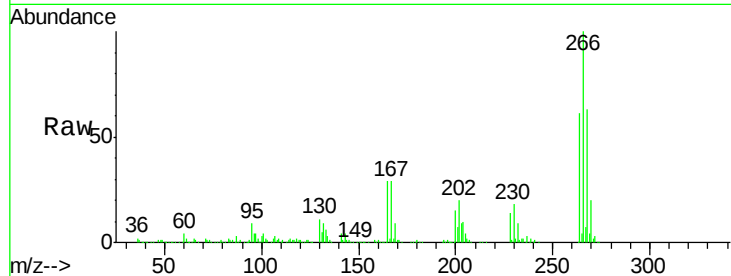




#69
 Pentachlorophenol
 Concen: 74.93 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

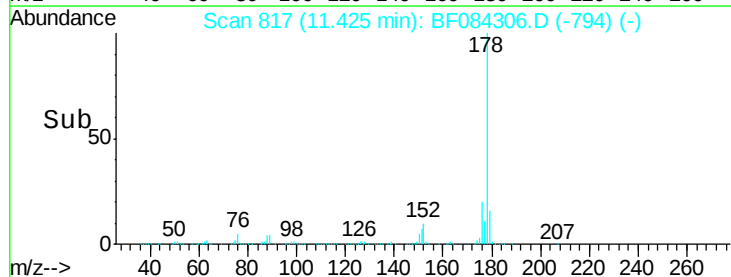
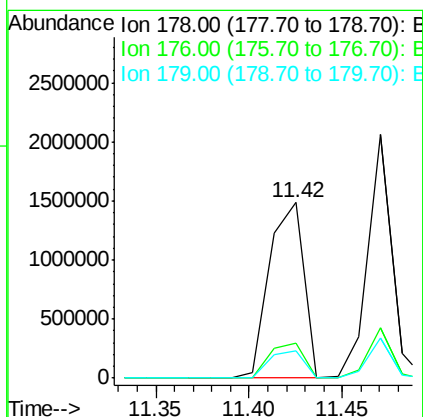
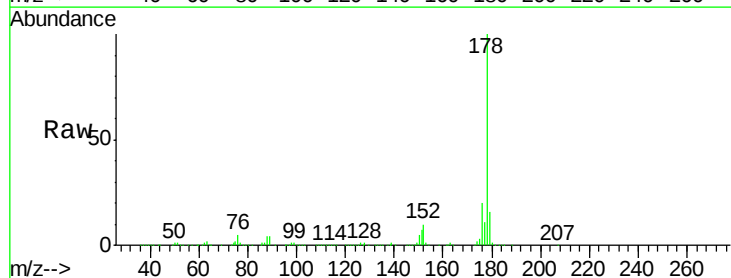
Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion:266 Resp: 398042
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.4 78.6
 264 61.3 50.2 75.2



#70
 Phenanthrene
 Concen: 43.15 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion:178 Resp: 1908754
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 15.8 12.0 18.0





#71

Anthracene

Concen: 41.70 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

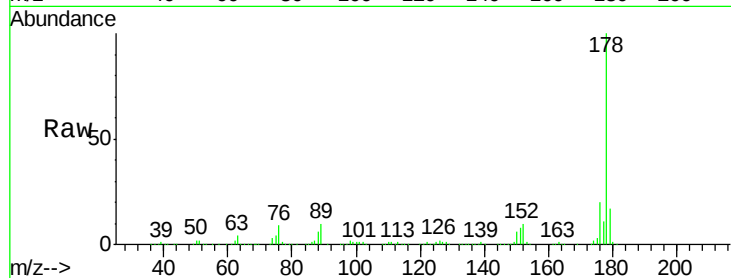
Tgt Ion:178 Resp: 1808203

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

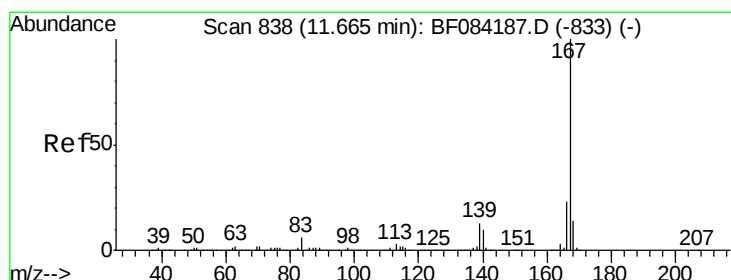
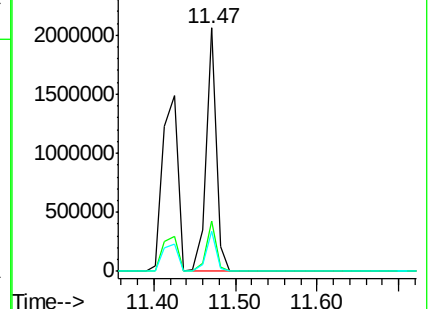
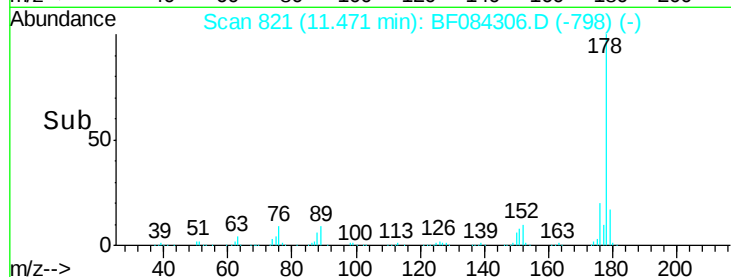
179 16.6 12.5 18.7



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



#72

Carbazole

Concen: 42.62 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

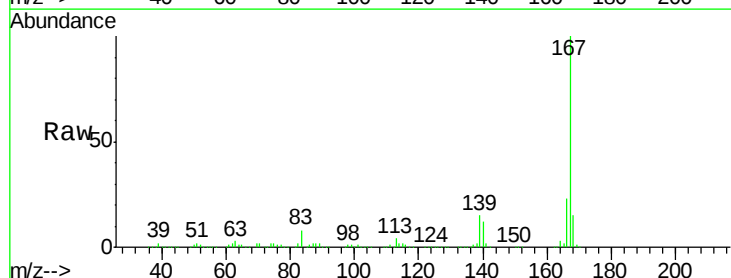
Tgt Ion:167 Resp: 1807007

Ion Ratio Lower Upper

167 100

166 23.4 17.6 26.4

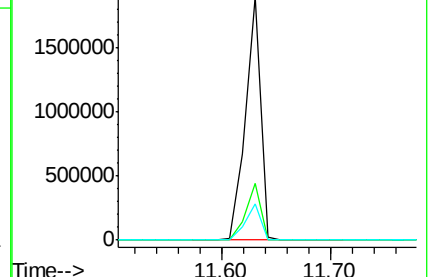
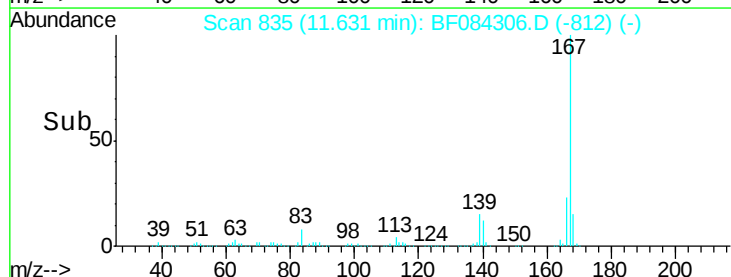
139 14.8 11.8 17.8

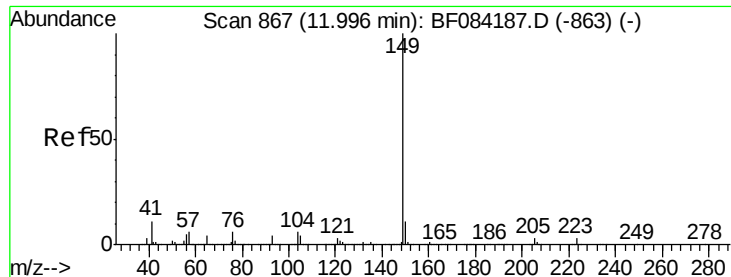


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.27 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

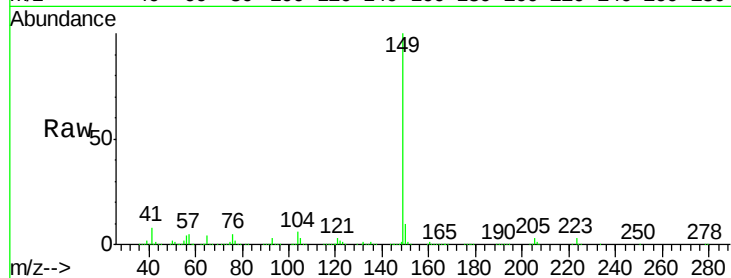
Tgt Ion:149 Resp: 2135601

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

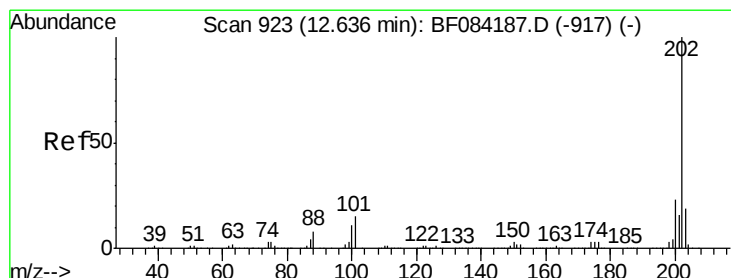
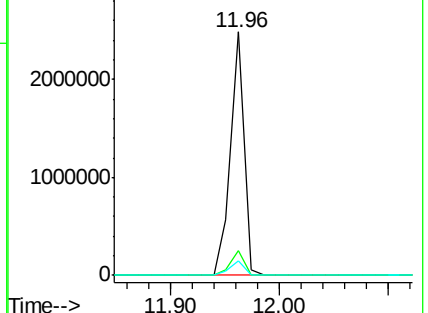
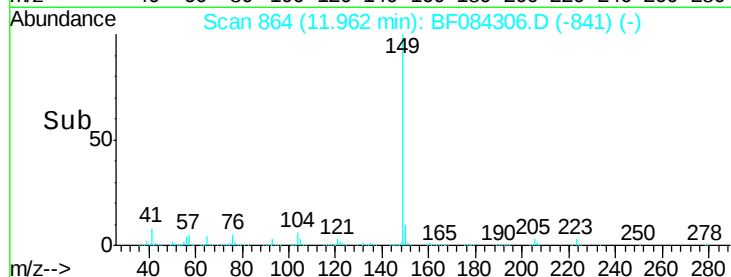
104 5.8 3.2 4.8#



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: 39.44 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

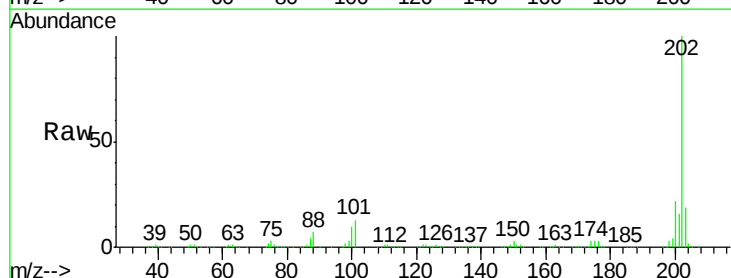
Tgt Ion:202 Resp: 1822473

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.8

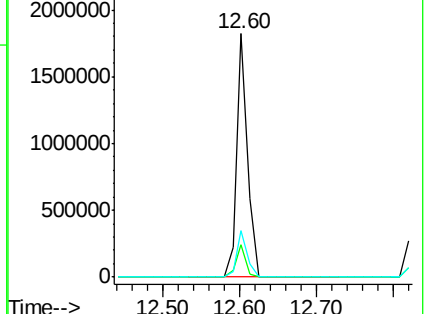
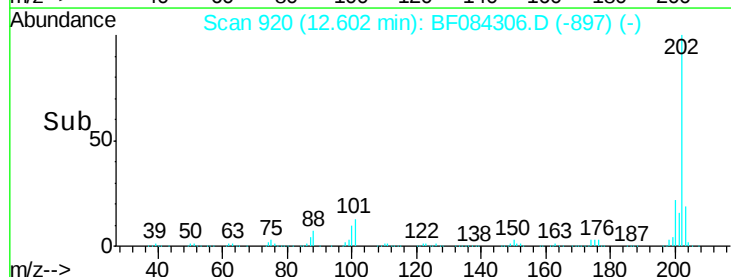
203 19.0 0.0 37.9

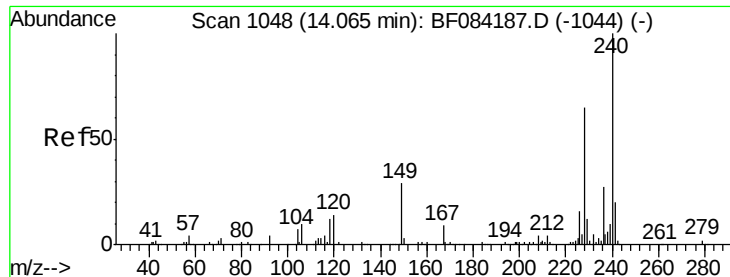


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampled :

PB87680BS

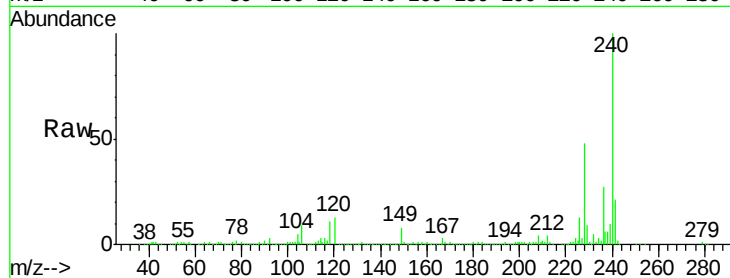
Tgt Ion:240 Resp: 705435

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

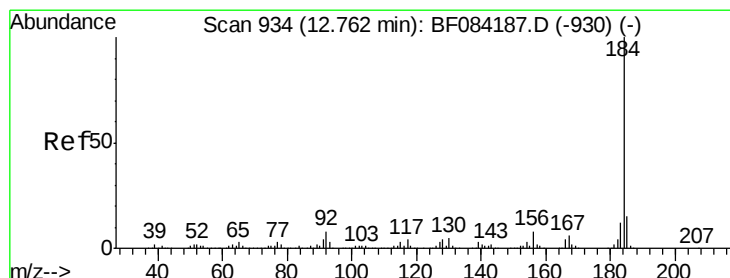
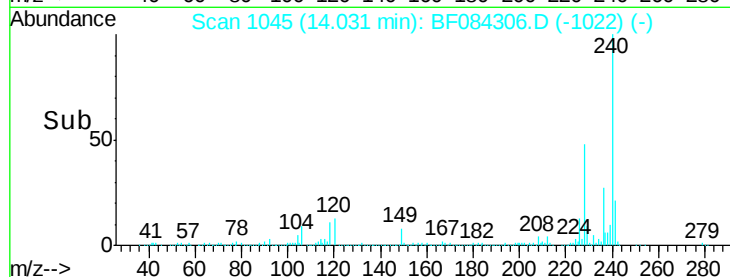
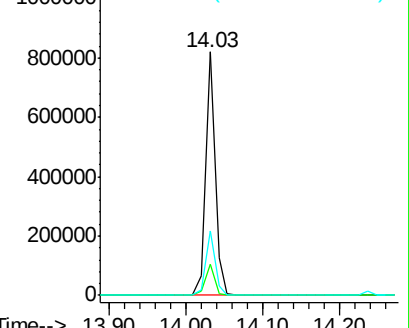
236 26.7 20.6 31.0



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: 31.21 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

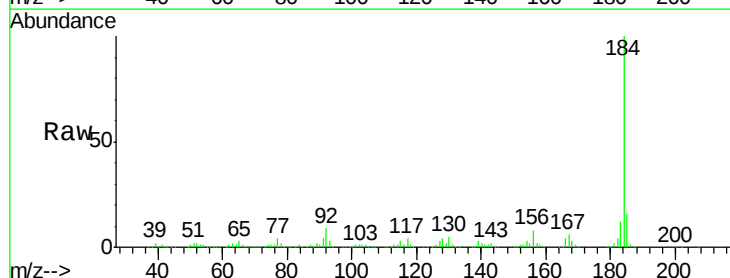
Tgt Ion:184 Resp: 789493

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

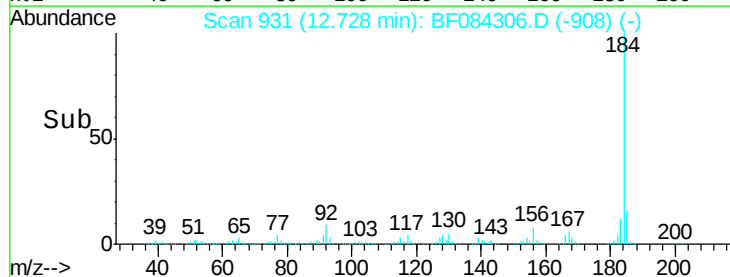
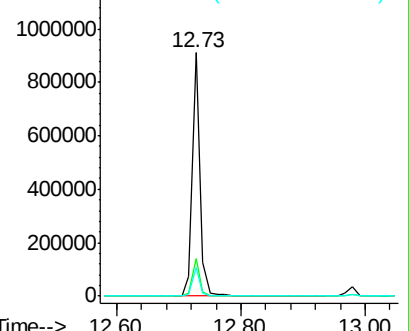
183 11.6 9.8 14.8

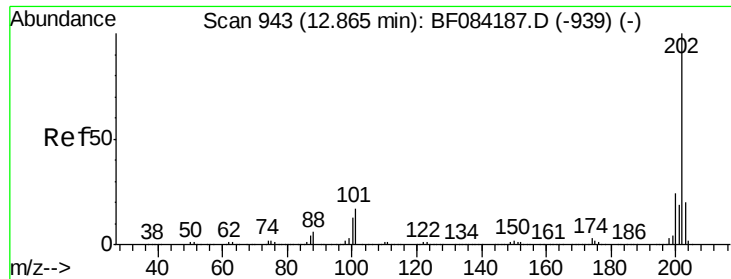


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

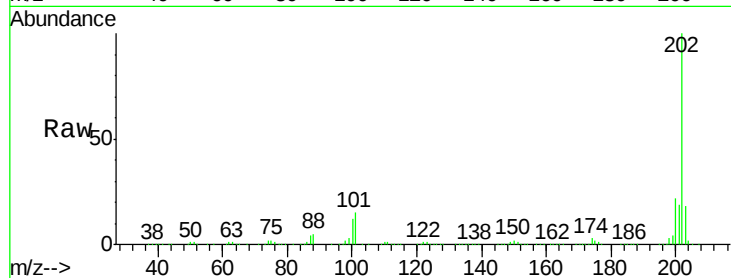




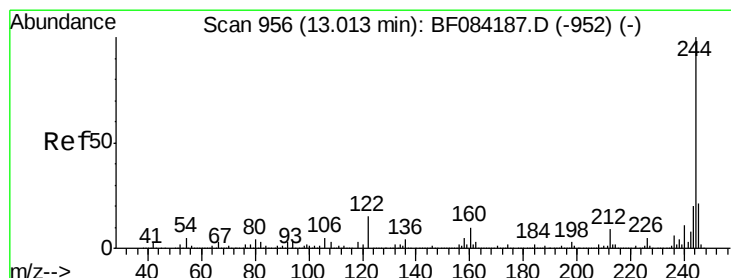
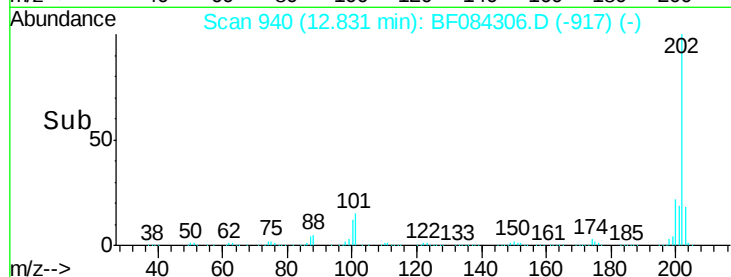
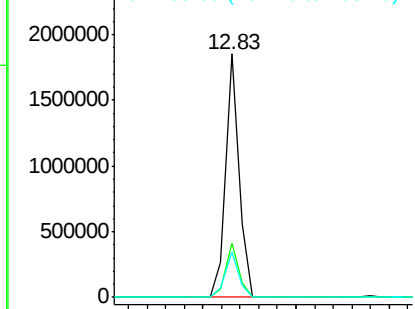
#77
 Pyrene
 Concen: 33.54 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion: 202 Resp: 1856479
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.2 25.8
 203 18.5 14.3 21.5

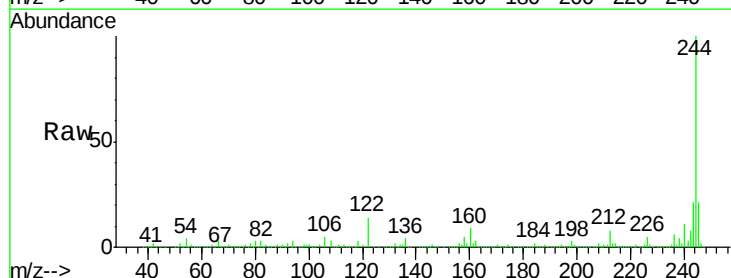


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

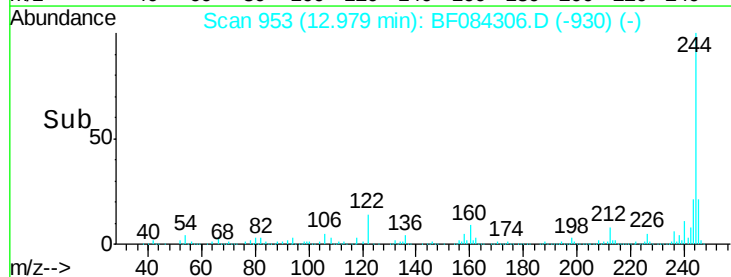
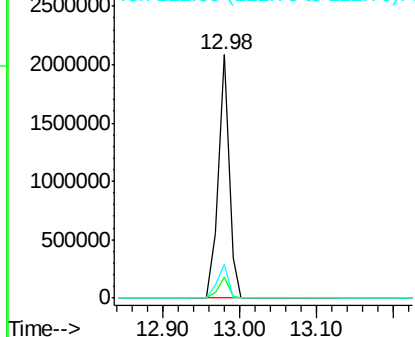


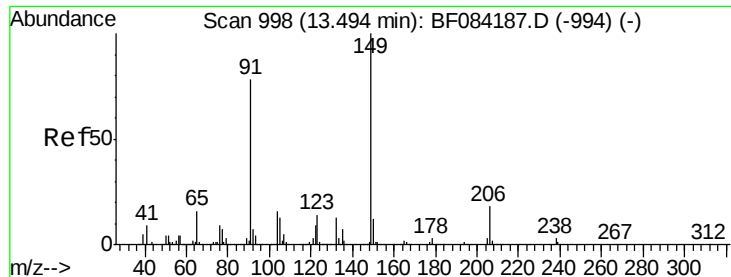
#78
 Terphenyl-d14
 Concen: 65.18 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion: 244 Resp: 2059927
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 13.9 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 2500000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

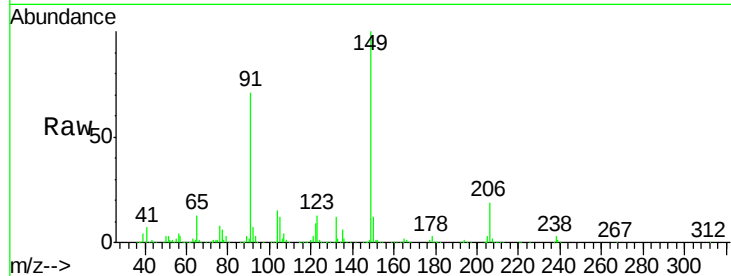




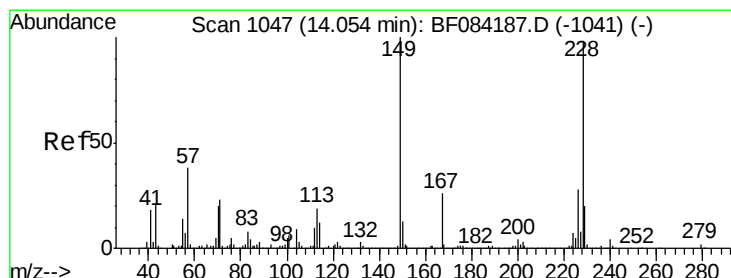
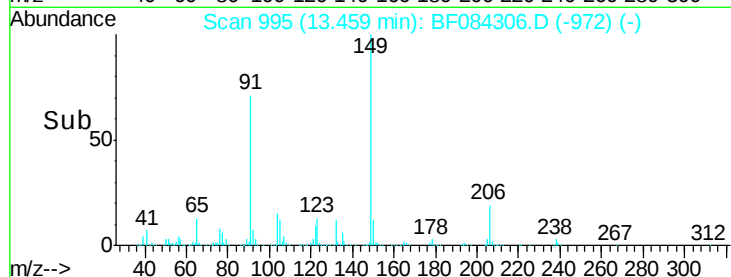
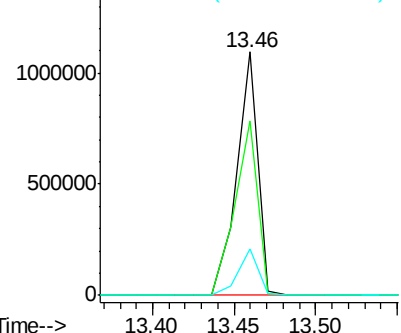
#79
Butylbenzylphthalate
Concen: 40.96 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Instrument :
BNA_F
ClientSampleID :
PB87680BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	57.6	86.4
206	19.1	13.2	19.8

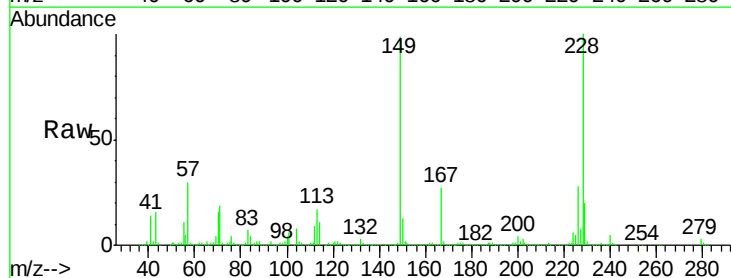


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

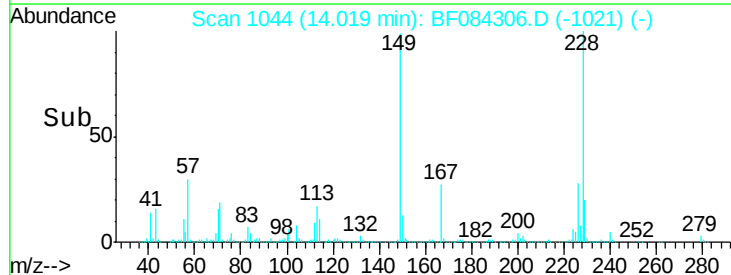
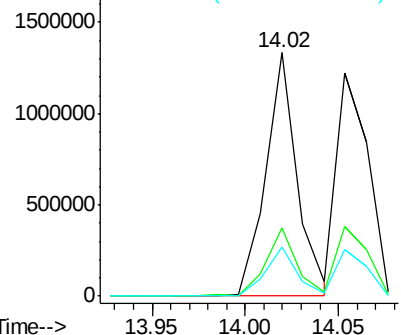


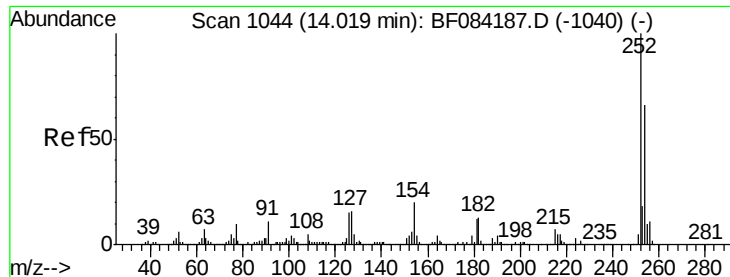
#80
Benzo(a)anthracene
Concen: 37.58 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.4	15.8	23.8



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

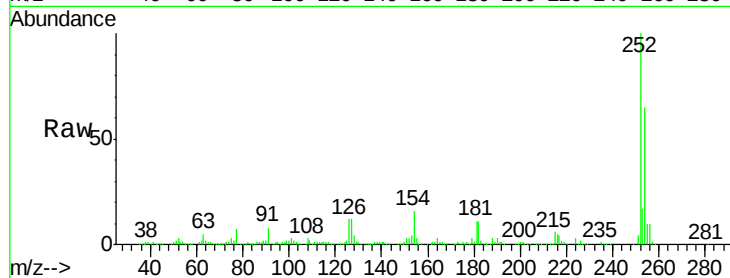




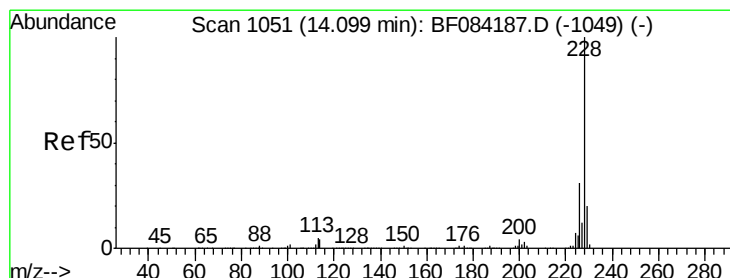
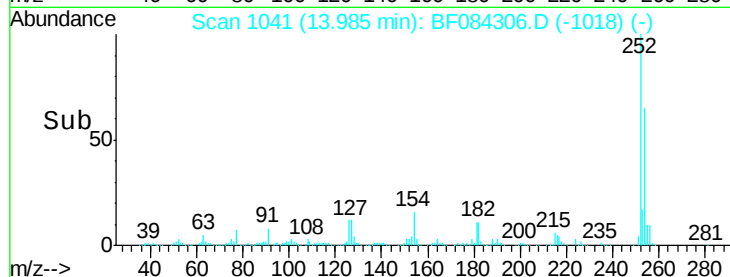
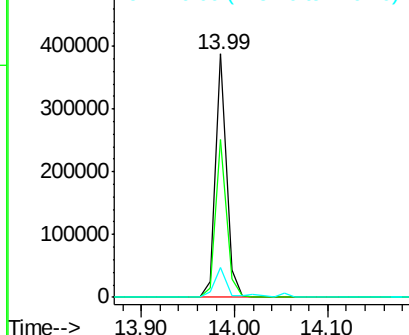
#81
 3,3'-Dichlorobenzidine
 Concen: 22.01 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion:252 Resp: 318159
 Ion Ratio Lower Upper
 252 100
 254 65.0 53.5 80.3
 126 12.0 4.9 7.3#

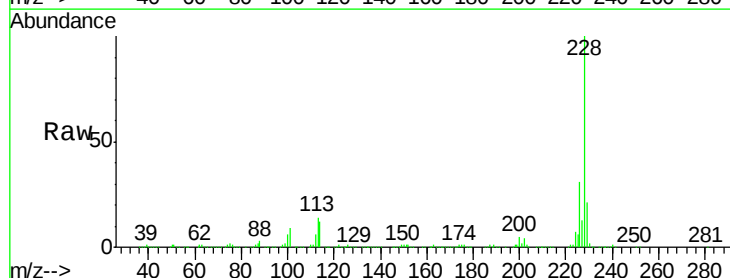


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

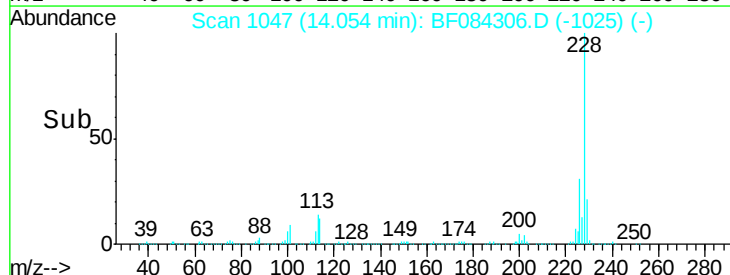
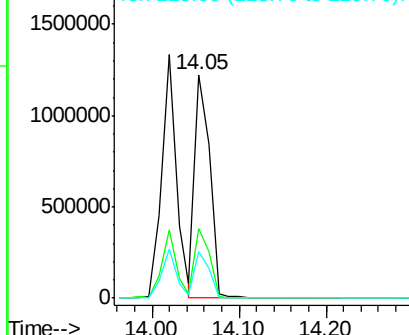


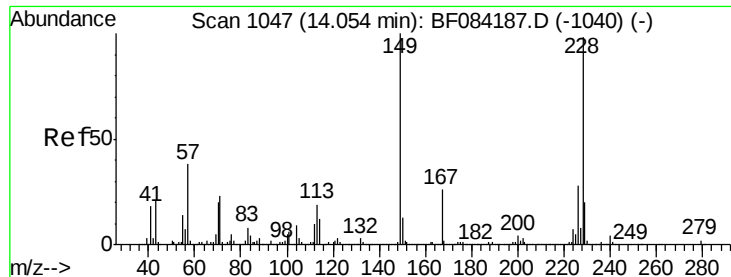
#82
 Chrysene
 Concen: 36.50 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion:228 Resp: 1452623
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 20.9 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

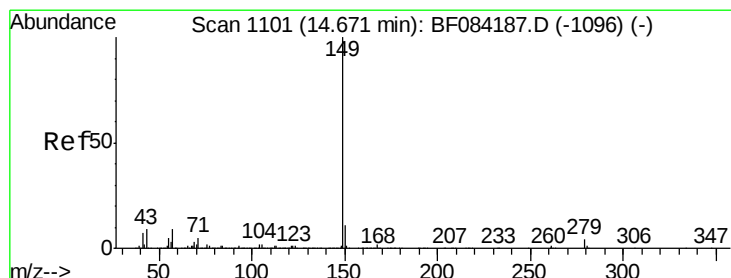
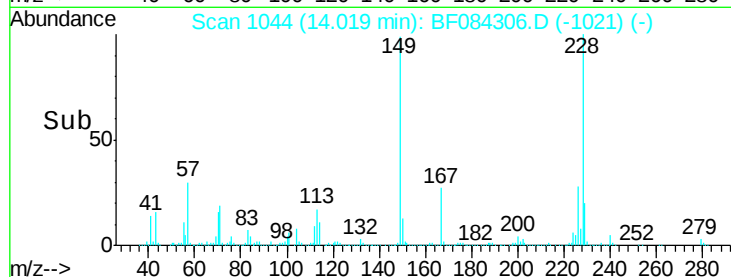
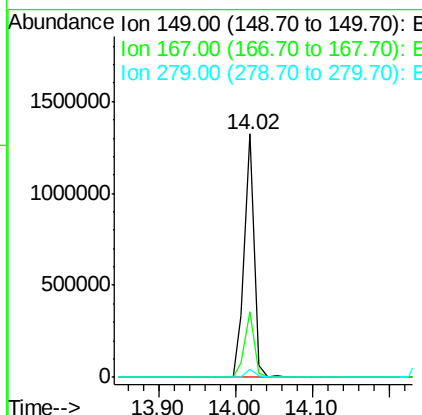
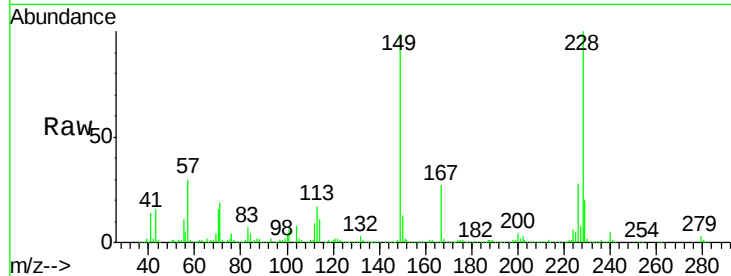




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.42 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

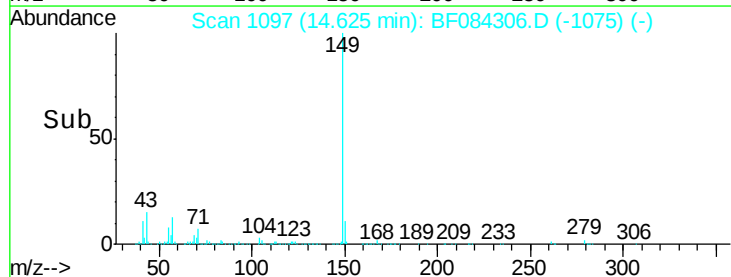
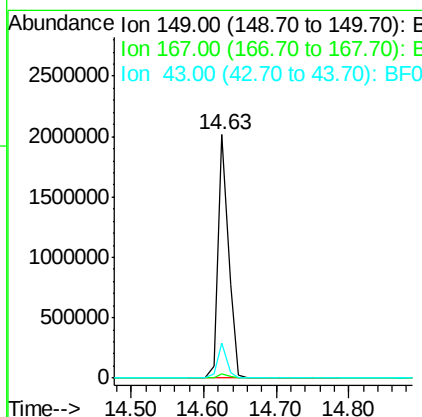
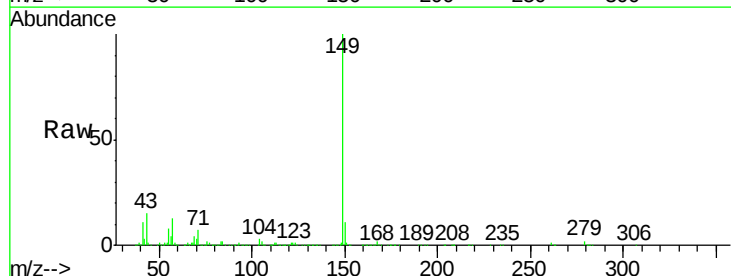
Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

Tgt Ion:149 Resp: 1193026
 Ion Ratio Lower Upper
 149 100
 167 27.0 19.7 29.5
 279 3.1 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 39.36 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion:149 Resp: 2010800
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.8 5.6 8.4#

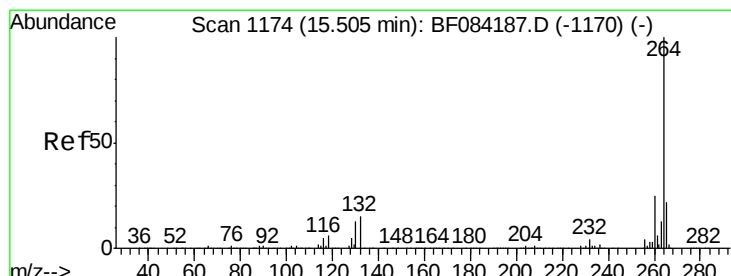
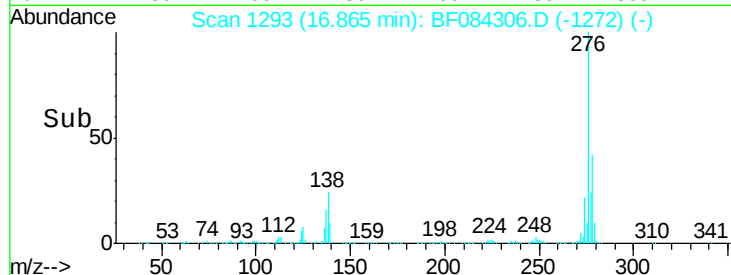
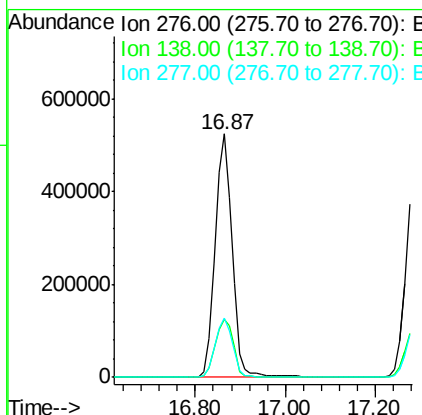
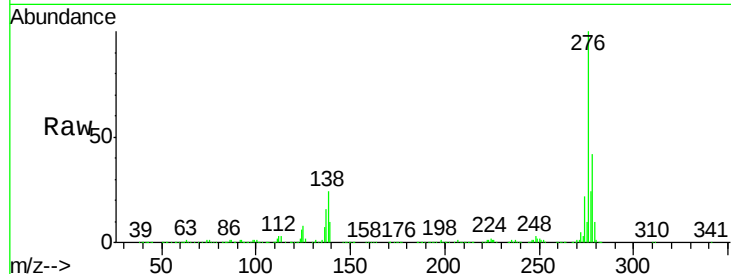




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.10 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.06 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

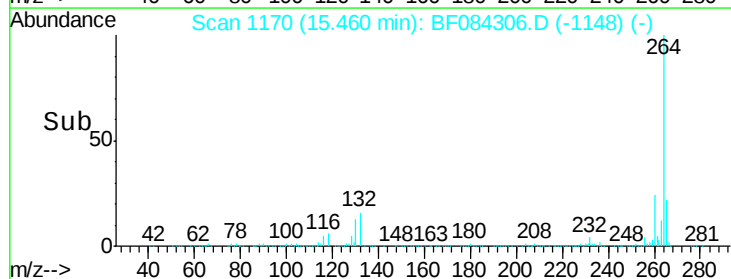
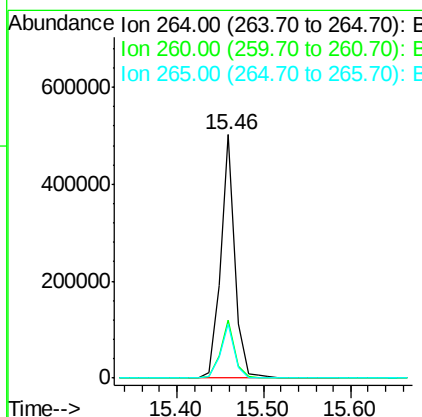
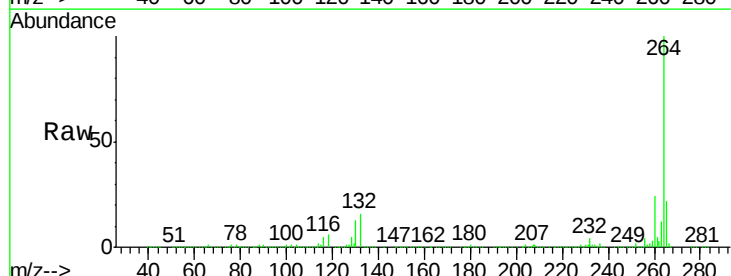
Instrument :
 BNA_F
 ClientSampleId :
 PB87680BS

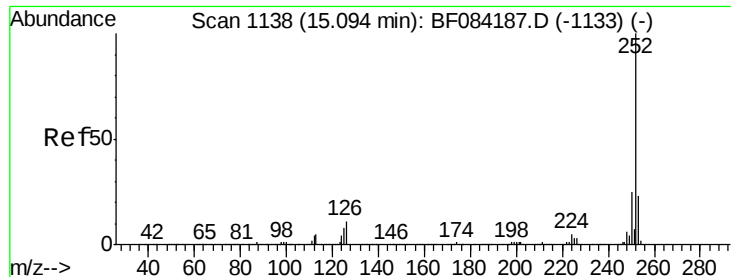
Tgt Ion: 276 Resp: 1391310
 Ion Ratio Lower Upper
 276 100
 138 25.6 20.6 30.8
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF084306.D
 Acq: 7 Jan 2016 15:38

Tgt Ion: 264 Resp: 577140
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.4 17.8 26.6

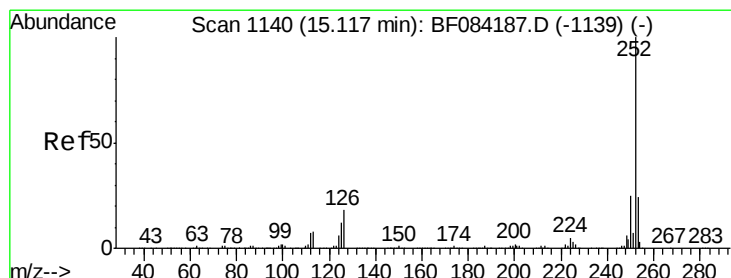
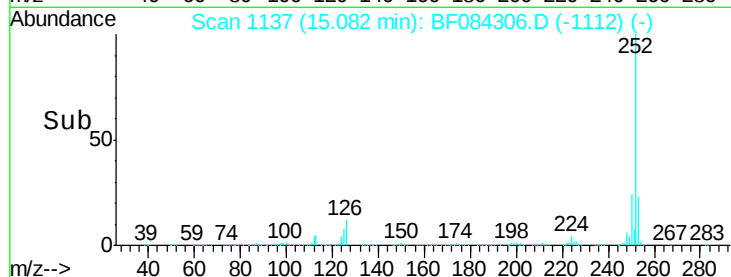
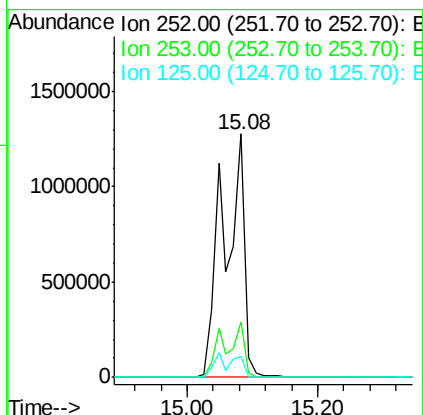
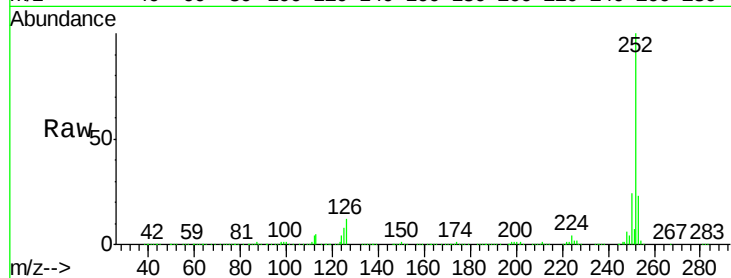




#87
Benzo(b)fluoranthene
Concen: 75.94 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

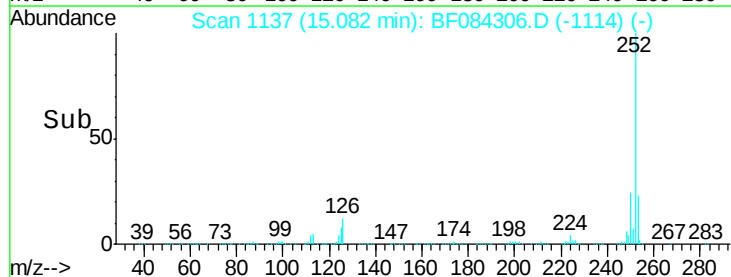
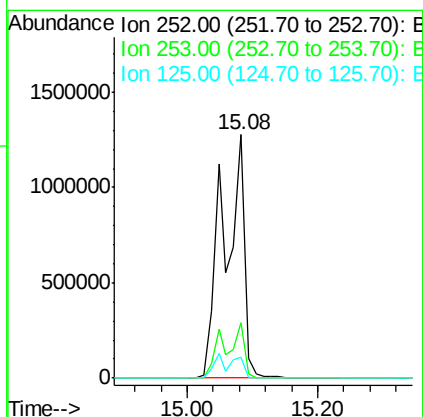
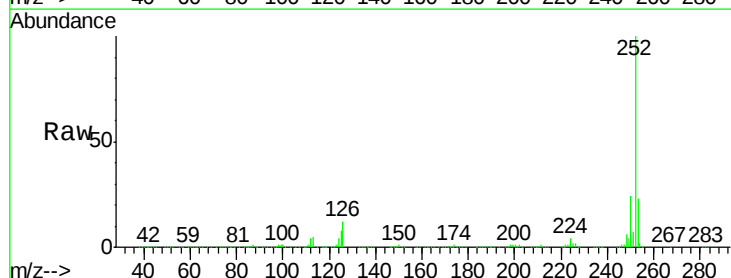
Instrument :
BNA_F
ClientSampleId :
PB87680BS

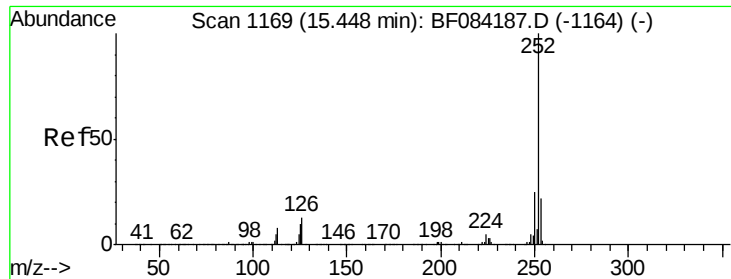
Tgt Ion:252 Resp: 2866904
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.4 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 92.85 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion:252 Resp: 2866904
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 8.4 9.0 13.6#

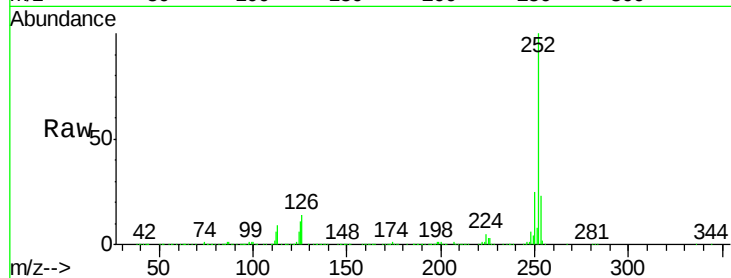




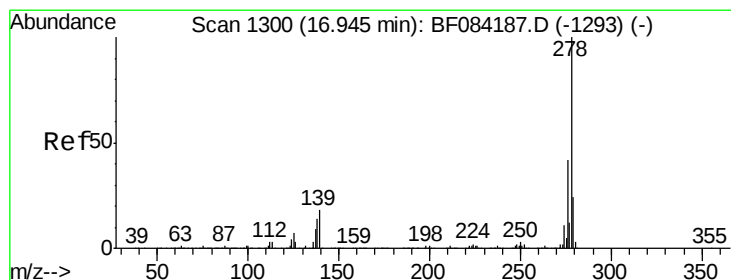
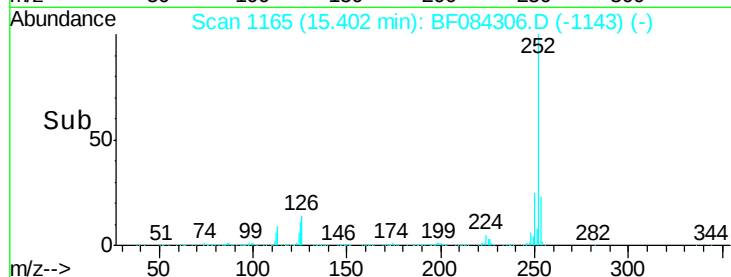
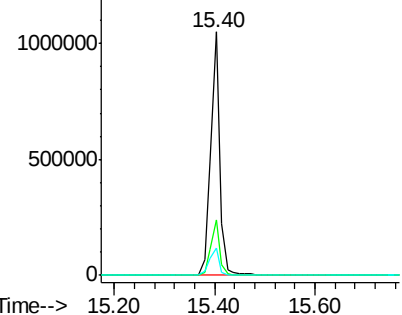
#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB87680BS

Tgt Ion:252 Resp: 1304744
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.2 7.0 10.4#

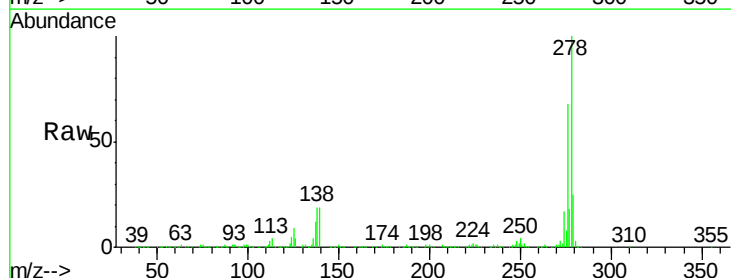


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

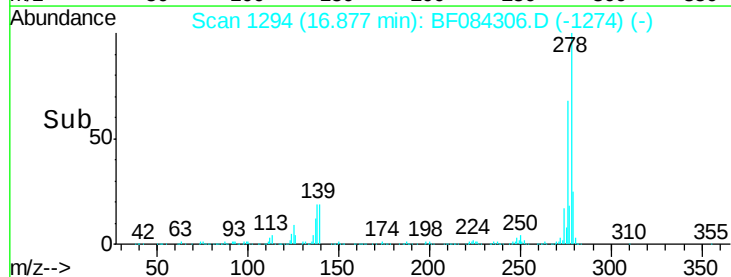
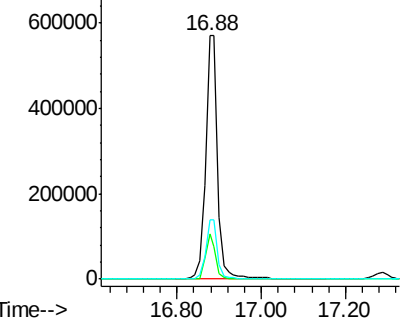


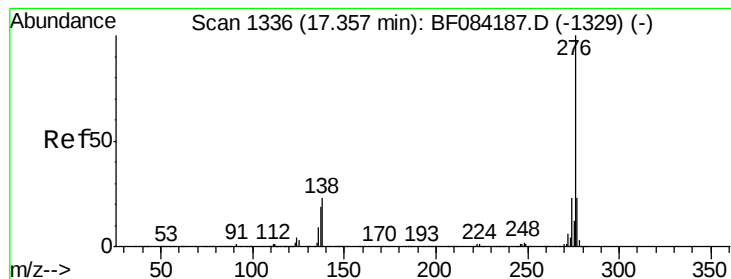
#90
Dibenzo(a,h)anthracene
Concen: 41.54 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084306.D
Acq: 7 Jan 2016 15:38

Tgt Ion:278 Resp: 1144586
Ion Ratio Lower Upper
278 100
139 18.5 15.0 22.4
279 24.6 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: 40.63 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF084306.D

Acq: 7 Jan 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB87680BS

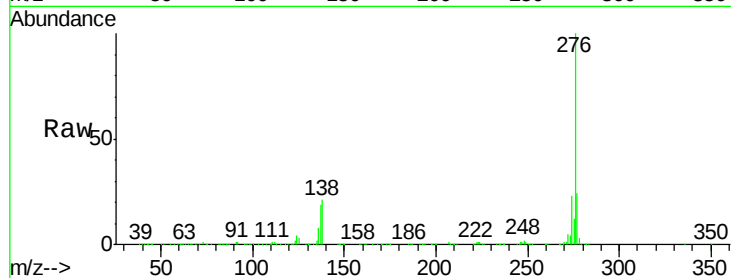
Tgt Ion:276 Resp: 1159494

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 21.4 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

