

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084454.D
 Acq On : 13 Jan 2016 21:08
 Operator : SJ/UM
 Sample : PB87806BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BS

Quant Time: Jan 14 15:13:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	245040	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1048987	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	454965	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	875357	20.00	ng	0.00
75) Chrysene-d12	14.00	240	715290	20.00	ng	0.00
86) Perylene-d12	15.41	264	493716	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1703509	112.45	ng	0.01
7) Phenol-d6	6.48	99	2414539	126.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	1445305	76.68	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	607442	132.25	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2275516	88.22	ng	0.00
78) Terphenyl-d14	12.95	244	2253497	70.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	278451	38.80	ng	# 79
3) Pyridine	3.21	79	801420	40.05	ng	# 78
4) n-Nitrosodimethylamine	3.16	42	375293	36.54	ng	# 91
6) Aniline	6.50	93	152053	5.46	ng	# 1
8) 2-Chlorophenol	6.62	128	731810	42.58	ng	97
9) Benzaldehyde	6.37	77	98535	7.95	ng	92
10) Phenol	6.50	94	830497	38.39	ng	81
11) bis(2-Chloroethyl)ether	6.58	93	709577	42.34	ng	96
12) 1,3-Dichlorobenzene	6.77	146	744847m	42.01	ng	
13) 1,4-Dichlorobenzene	6.85	146	766241m	43.09	ng	
14) 1,2-Dichlorobenzene	7.00	146	663513	38.97	ng	97
15) Benzyl Alcohol	6.98	79	547533	34.21	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1127795	36.96	ng	86
17) 2-Methylphenol	7.10	107	618358	42.93	ng	96
18) Hexachloroethane	7.34	117	285004	40.08	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	482864	37.49	ng	# 76
20) 3+4-Methylphenols	7.25	107	714907	42.22	ng	# 69
22) Acetophenone	7.24	105	955675	37.89	ng	96
24) Nitrobenzene	7.42	77	766103	40.08	ng	# 87
25) Isophorone	7.66	82	1439495	39.93	ng	96
26) 2-Nitrophenol	7.73	139	363929	41.83	ng	# 81
27) 2,4-Dimethylphenol	7.78	122	654105	37.14	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	848028	38.51	ng	99
29) 2,4-Dichlorophenol	7.98	162	621593	42.37	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	634685	41.91	ng	# 95
31) Naphthalene	8.14	128	2042536	42.92	ng	99
32) Benzoic acid	7.90	122	351418	33.23	ng	95
33) 4-Chloroaniline	8.20	127	58742	2.69	ng	93
34) Hexachlorobutadiene	8.26	225	324216	37.24	ng	98
35) Caprolactam	8.56	113	205085m	41.47	ng	
36) 4-Chloro-3-methylphenol	8.69	107	698168	42.49	ng	95
37) 2-Methylnaphthalene	8.83	142	1289684	37.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	569736	43.56	ng	98
40) Hexachlorocyclopentadiene	8.99	237	605961	76.75	ng	98

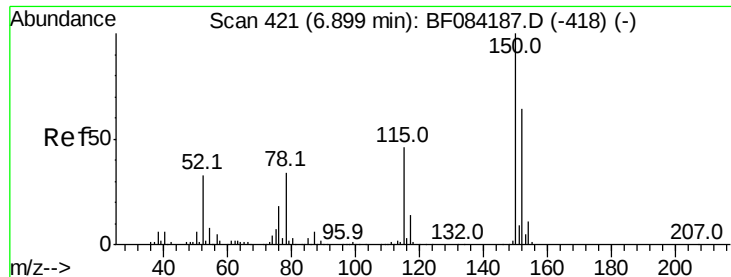
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084454.D
 Acq On : 13 Jan 2016 21:08
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Quant Time: Jan 14 15:13:05 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	414196	42.33	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	410541	43.76	nq	# 90
45) 1,1'-Biphenyl	9.30	154	1582594	43.77	nq	100
46) 2-Chloronaphthalene	9.32	162	1187838	41.82	nq	94
47) 2-Nitroaniline	9.42	65	409517	43.69	nq	# 68
48) Acenaphthylene	9.73	152	1788616	42.63	nq	97
49) Dimethylphthalate	9.61	163	1529984	47.04	nq	# 91
50) 2,6-Dinitrotoluene	9.66	165	344757	48.33	nq	# 77
51) Acenaphthene	9.90	154	1319165	46.87	nq	99
52) 3-Nitroaniline	9.82	138	34722	3.93	nq	98
53) 2,4-Dinitrophenol	9.94	184	318359	103.66	nq	# 85
54) Dibenzofuran	10.08	168	1640539	45.00	nq	91
55) 4-Nitrophenol	10.01	139	457583	71.31	nq	# 78
56) 2,4-Dinitrotoluene	10.06	165	395961	43.86	nq	# 88
57) Fluorene	10.42	166	1187716	41.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	346484	43.26	nq	92
59) Diethylphthalate	10.30	149	1446713	45.11	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	613833	53.02	nq	93
61) 4-Nitroaniline	10.44	138	229660	29.15	nq	87
62) Azobenzene	10.58	77	1593653	45.31	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	242280	45.51	nq	83
65) n-Nitrosodiphenylamine	10.53	169	1037414	37.07	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	405773	43.07	nq	97
67) Hexachlorobenzene	10.97	284	408679	38.54	nq	# 87
68) Atrazine	11.07	200	335153	36.59	nq	94
69) Pentachlorophenol	11.16	266	409310	74.44	nq	97
70) Phenanthrene	11.38	178	1835779	40.09	nq	96
71) Anthracene	11.44	178	2059728	45.89	nq	97
72) Carbazole	11.60	167	1710762	38.99	nq	98
73) Di-n-butylphthalate	11.93	149	2237615	49.09	nq	# 97
74) Fluoranthene	12.57	202	1938409	40.53	nq	98
77) Pyrene	12.80	202	1999528	35.62	nq	97
79) Butylbenzylphthalate	13.43	149	961974	39.60	nq	# 87
80) Benzo(a)anthracene	13.99	228	1530557	36.44	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	99747	6.80	nq	# 95
82) Chrysene	14.02	228	1463905	36.27	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1141721	37.21	nq	# 95
84) Di-n-octyl phthalate	14.59	149	1858524	35.87	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.80	276	1167026	36.48	nq	97
87) Benzo(b)fluoranthene	15.00	252	1595427m	49.40	nq	
88) Benzo(k)fluoranthene	15.04	252	1020968m	38.65	nq	
89) Benzo(a)pyrene	15.36	252	1228224	44.84	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	974359	41.34	nq	99
91) Benzo(g,h,i)perylene	17.21	276	1000523	40.99	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

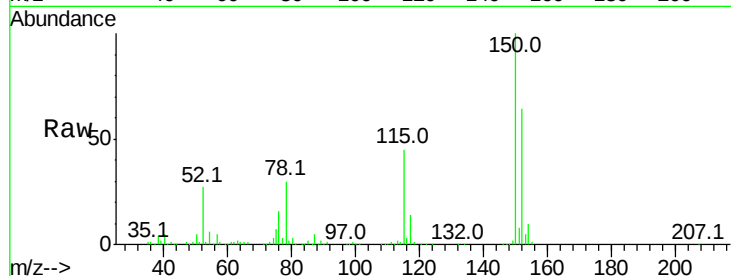
Tot Ion:152 Resp: 245040

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

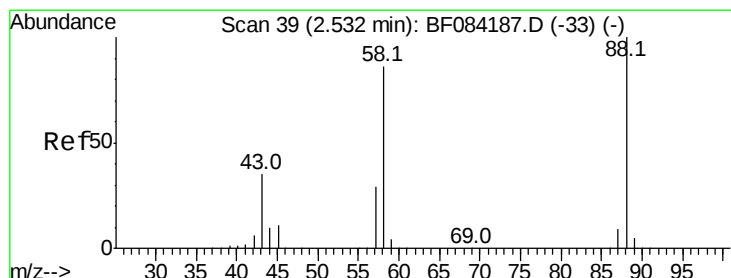
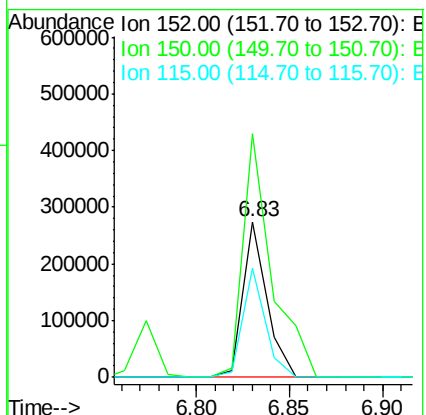
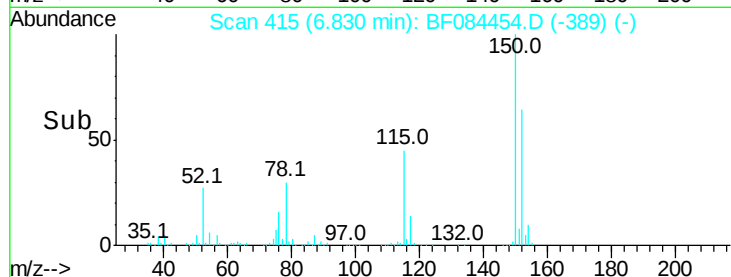
115 70.1 51.4 77.2



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: 38.80 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.10 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

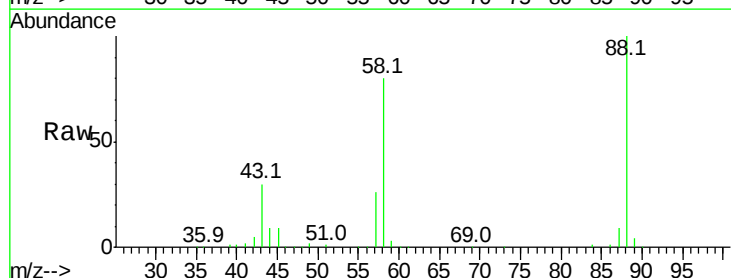
Tgt Ion: 88 Resp: 278451

Ion Ratio Lower Upper

88 100

58 82.2 51.2 76.8#

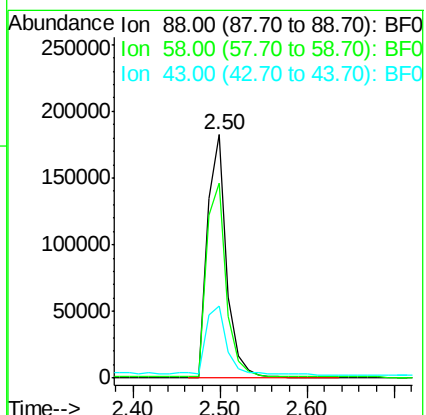
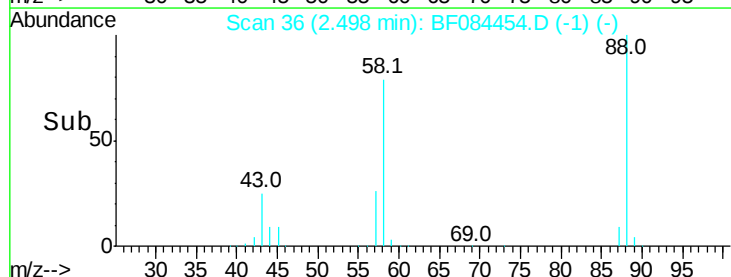
43 32.1 19.5 29.3#

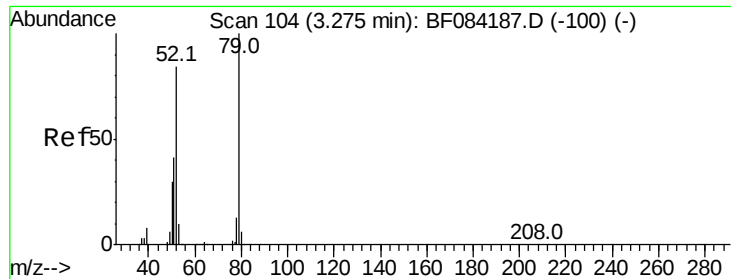


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.05 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

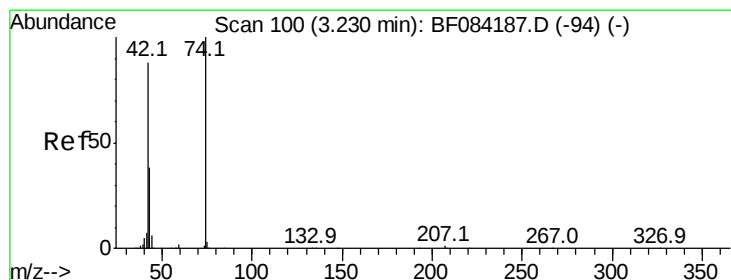
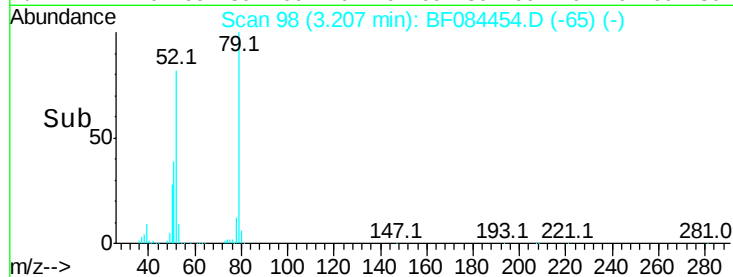
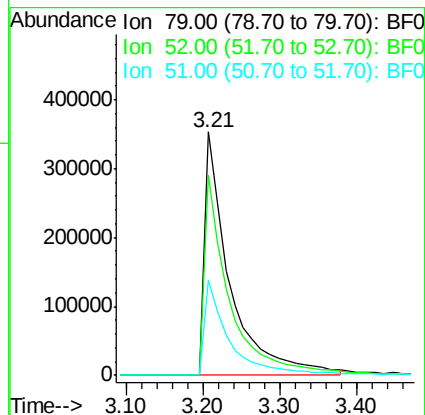
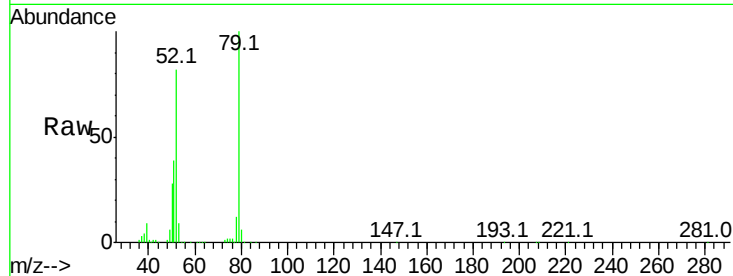
Tot Ion: 79 Resp: 801420

Ion Ratio Lower Upper

79 100

52 81.9 49.0 73.4#

51 38.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 36.54 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.09 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

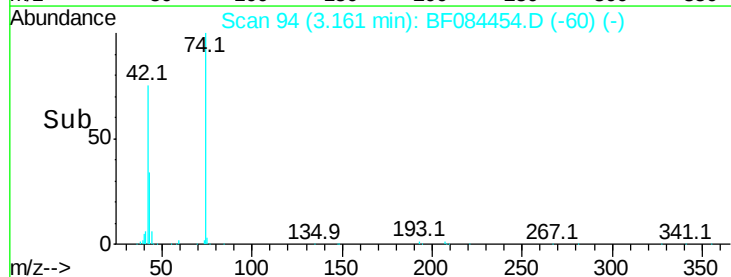
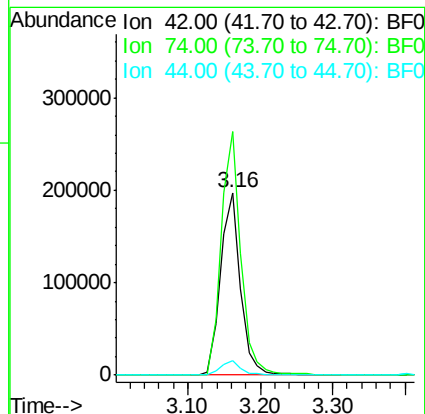
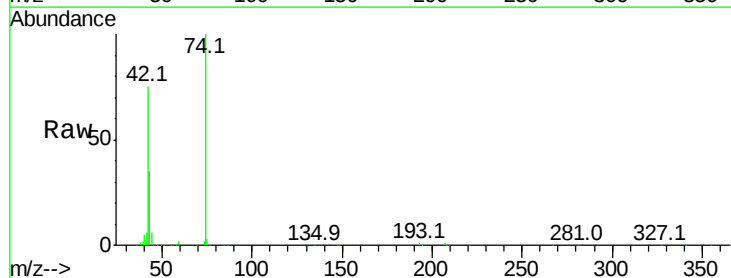
Tgt Ion: 42 Resp: 375293

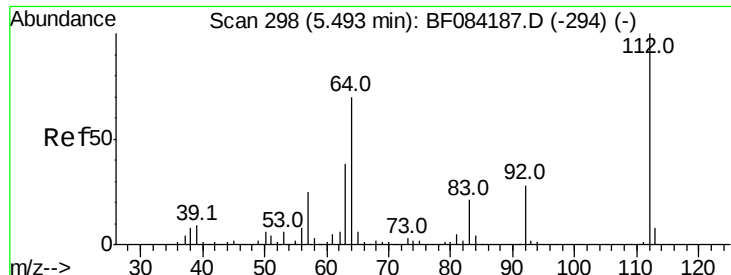
Ion Ratio Lower Upper

42 100

74 133.4 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 112.45 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

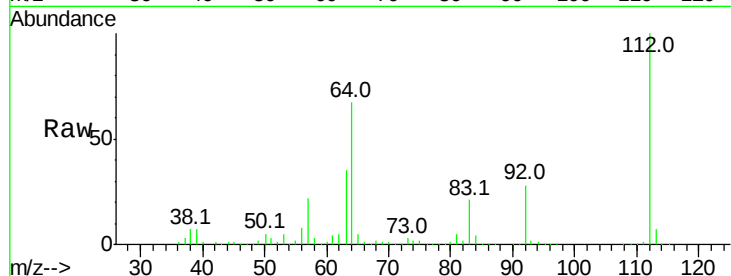
Tot Ion:112 Resp: 1703509

Ion Ratio Lower Upper

112 100

64 67.3 36.6 55.0#

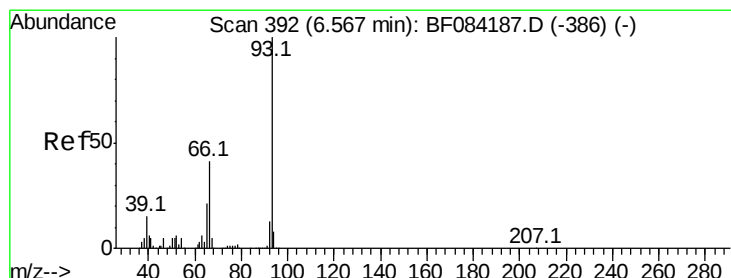
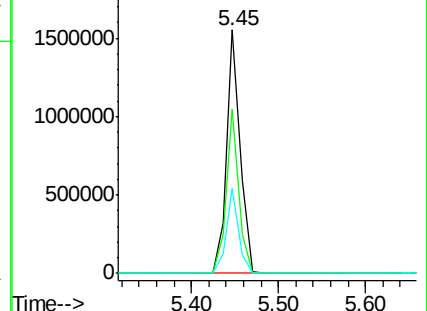
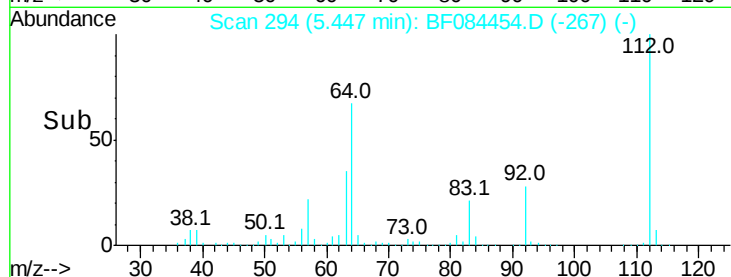
63 34.9 19.4 29.0#



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: 5.46 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

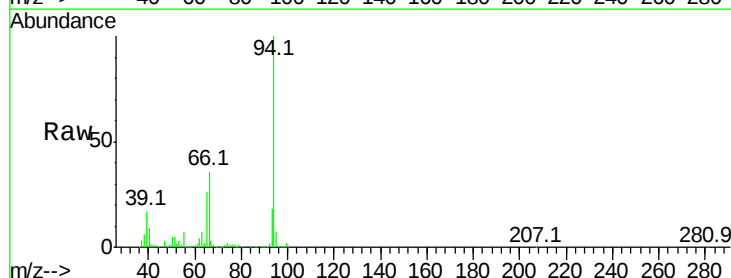
Tgt Ion: 93 Resp: 152053

Ion Ratio Lower Upper

93 100

66 206.6 44.9 67.3#

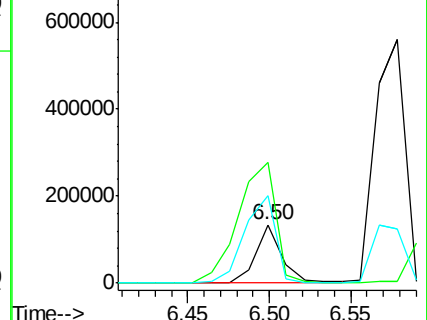
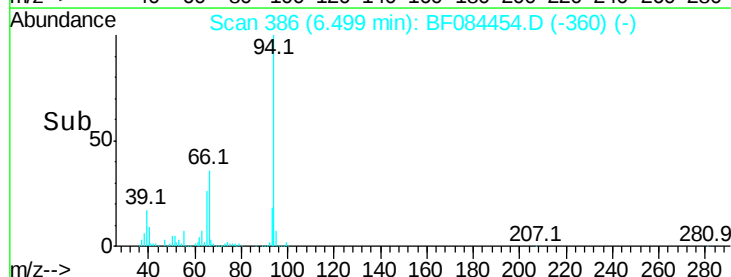
65 149.3 23.7 35.5#

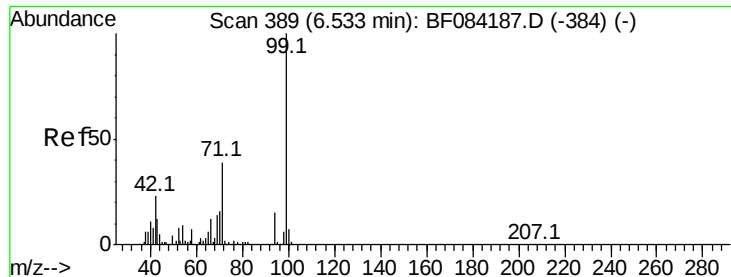


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.90 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

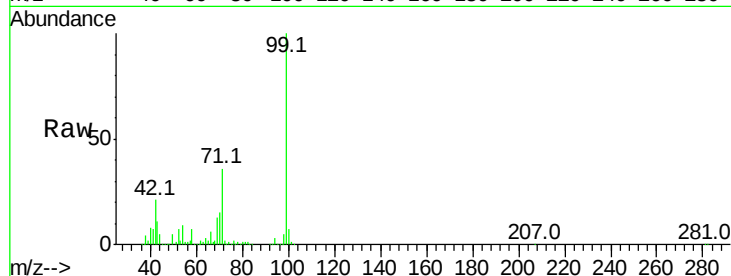
BNA_F

ClientSampleId :

PB87806BS

Tot Ion: 99 Resp: 2414539

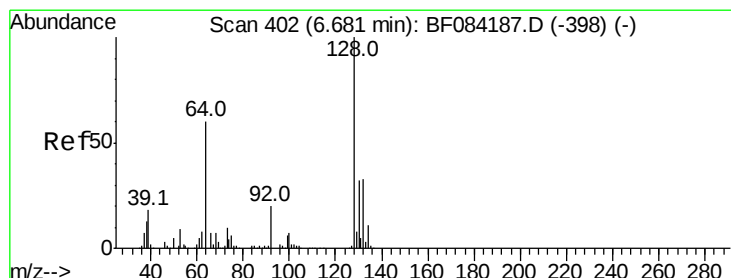
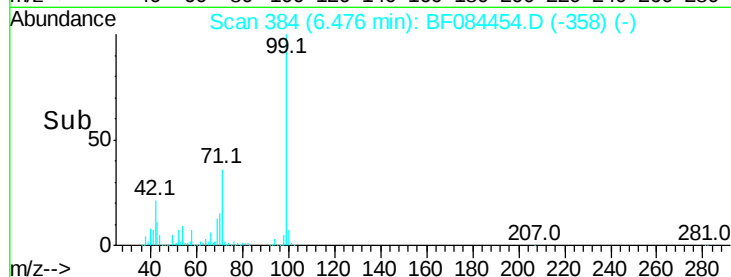
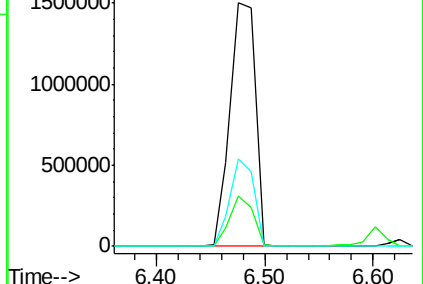
Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	35.7	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.58 ng

RT: 6.62 min Scan# 397

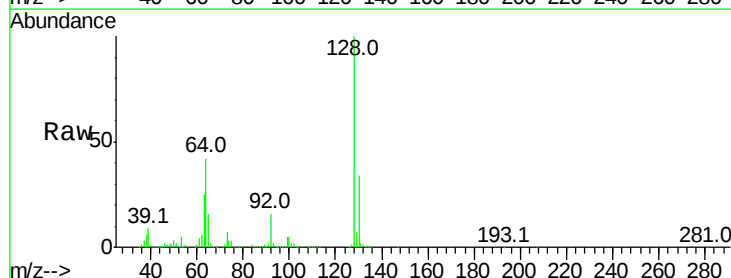
Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Tgt Ion: 128 Resp: 731810

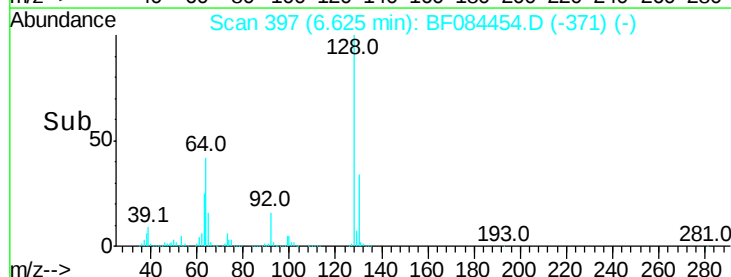
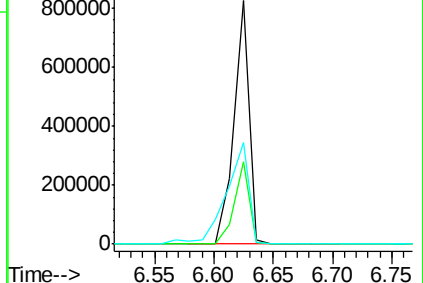
Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.6	51.6
64	41.8	23.8	63.8

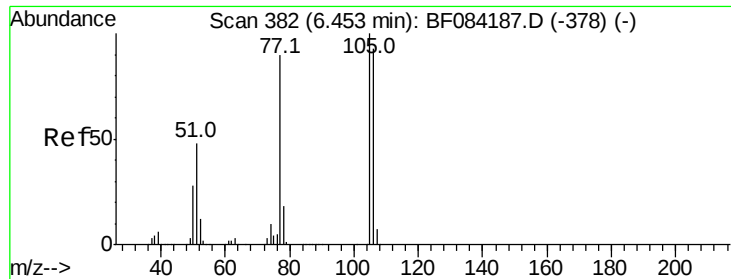


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.95 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

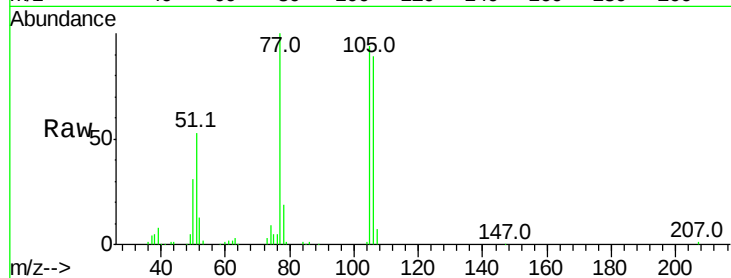
Tot Ion: 77 Resp: 98535

Ion Ratio Lower Upper

77 100

105 93.6 83.0 123.0

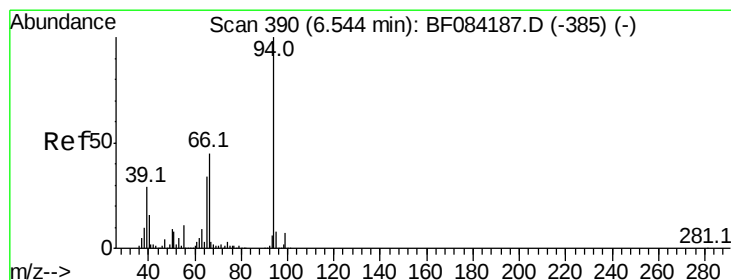
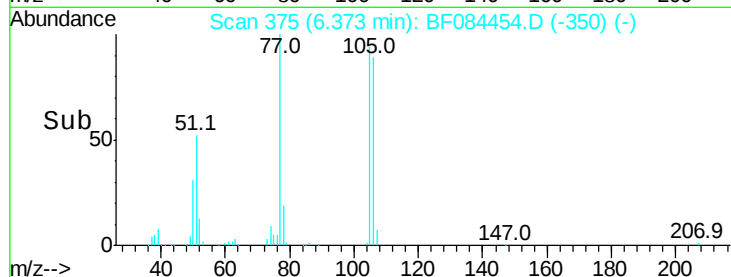
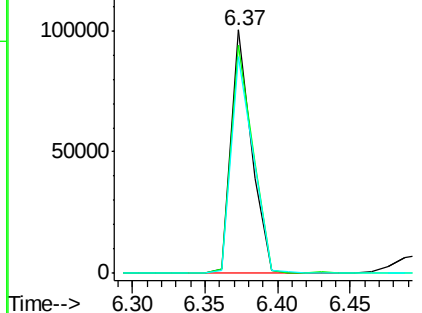
106 88.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.39 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

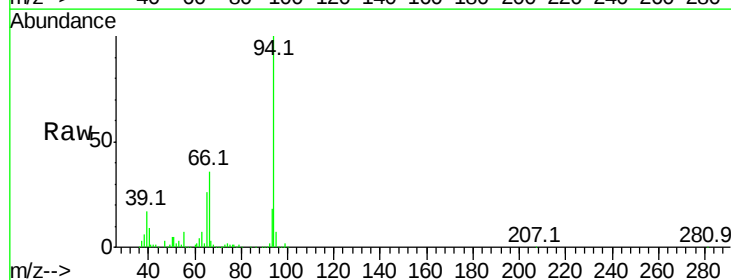
Tgt Ion: 94 Resp: 830497

Ion Ratio Lower Upper

94 100

65 26.3 12.9 52.9

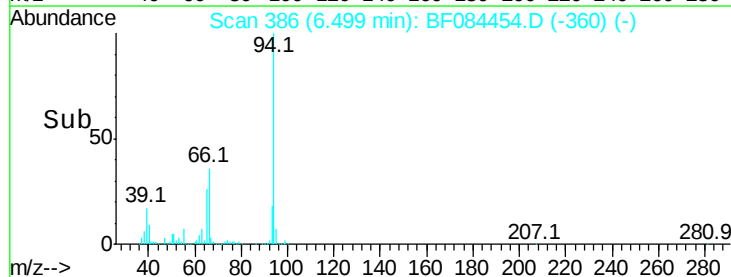
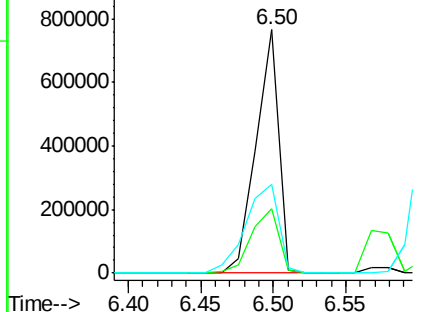
66 36.4 32.7 72.7

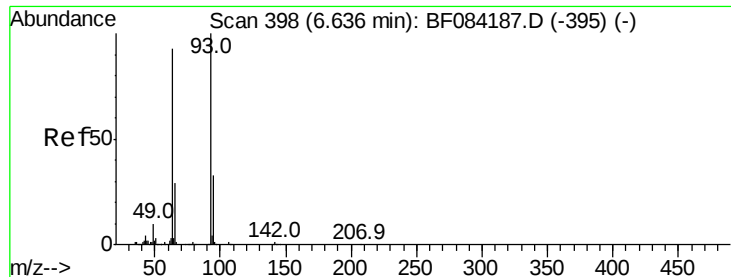


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

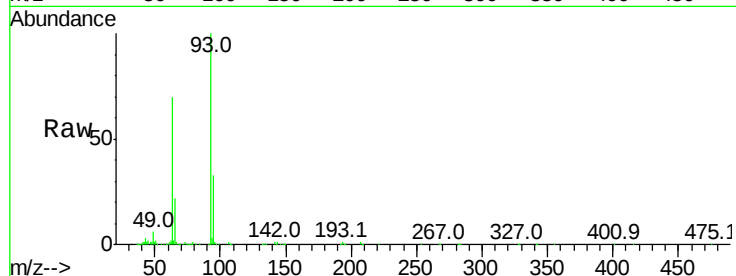
Tot Ion: 93 Resp: 709577

Ion Ratio Lower Upper

93 100

63 70.0 45.9 85.9

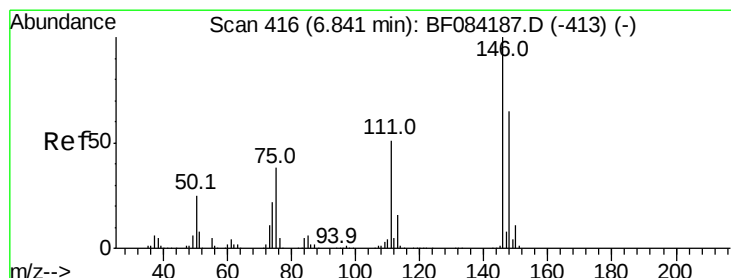
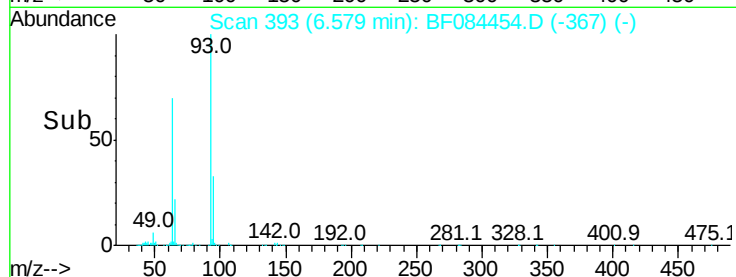
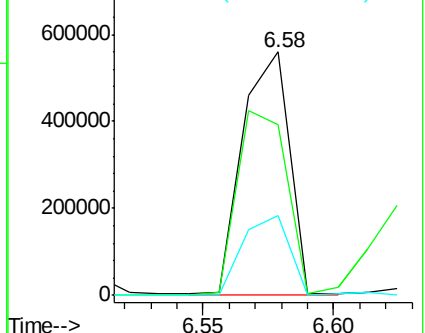
95 32.8 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.01 ng m

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

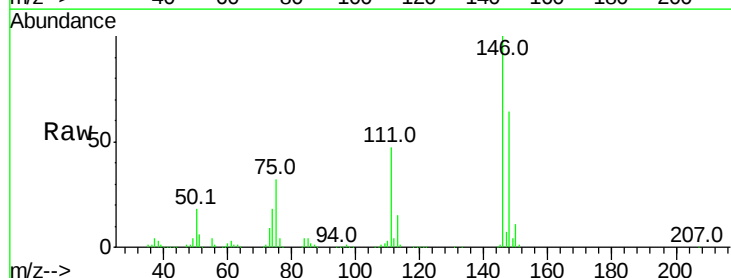
Tgt Ion: 146 Resp: 744847

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

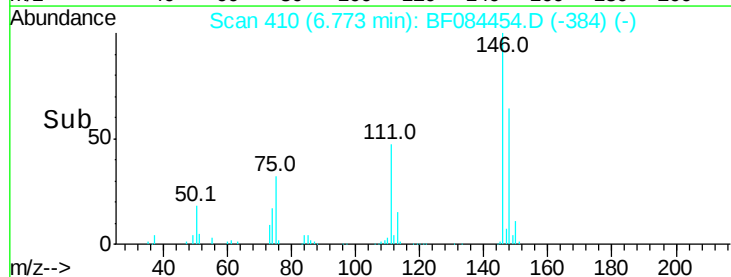
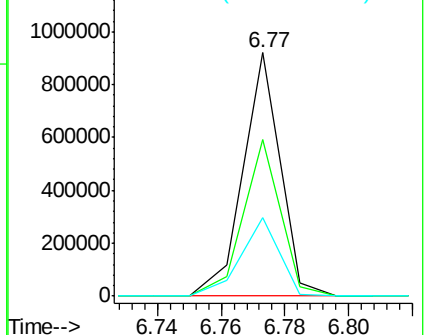
75 32.0 20.5 30.7#

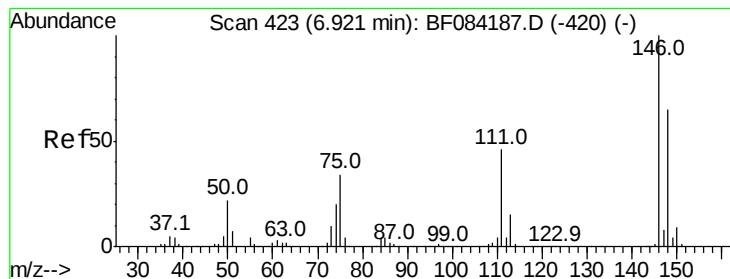


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.09 ng/mL

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleID :

PB87806BS

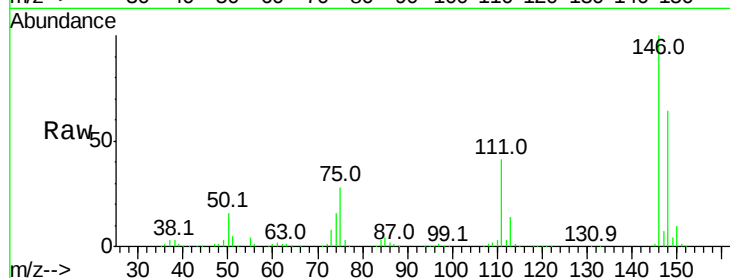
Tot Ion:146 Resp: 766241

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

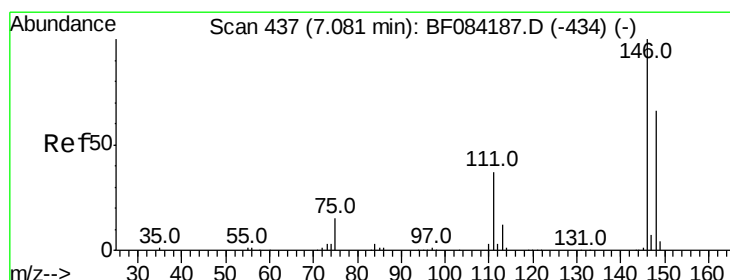
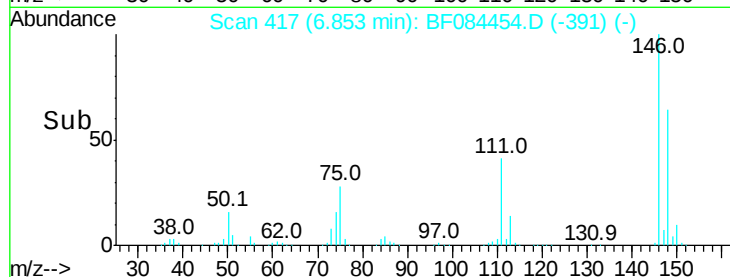
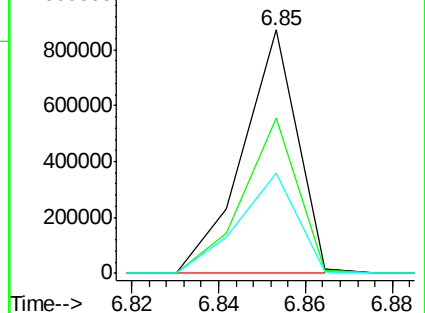
111 41.2 41.6 62.4#



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: 38.97 ng/mL

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

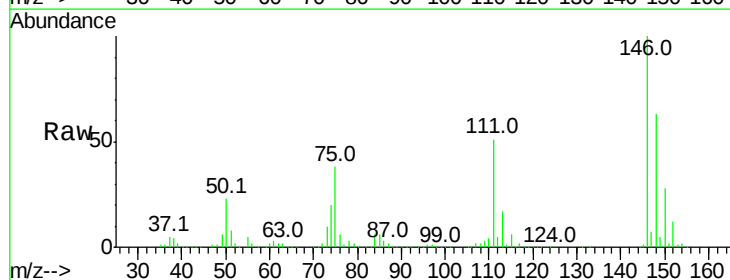
Tgt Ion:146 Resp: 663513

Ion Ratio Lower Upper

146 100

148 62.6 51.6 77.4

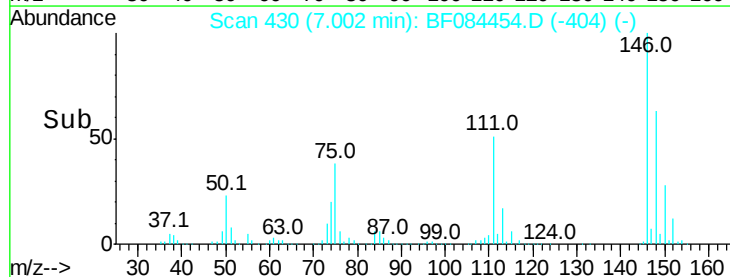
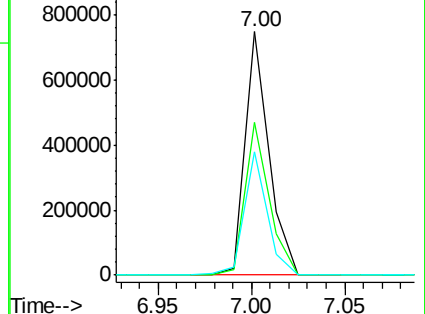
111 50.6 38.0 57.0

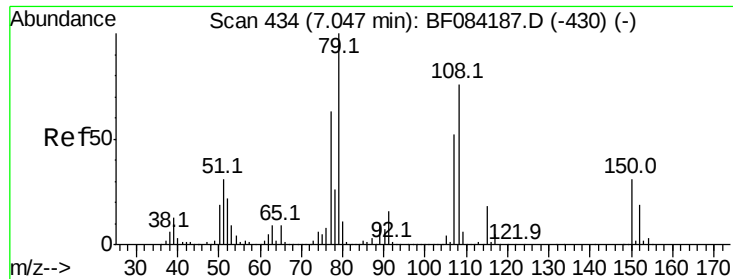


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.21 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

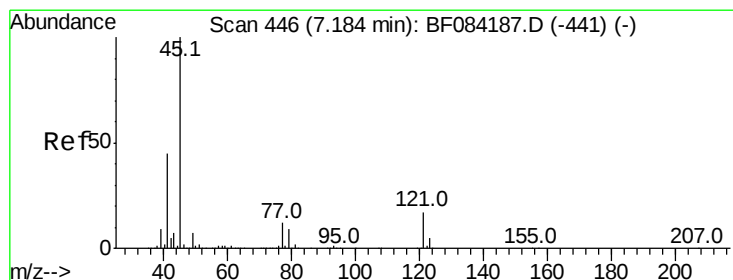
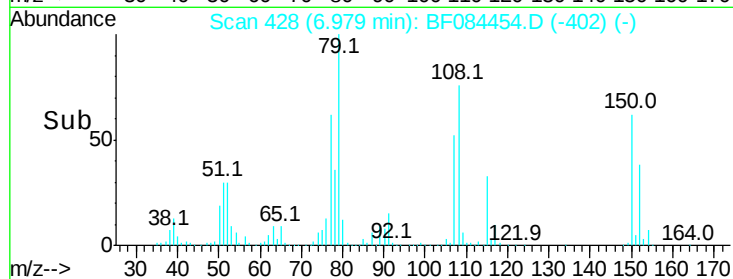
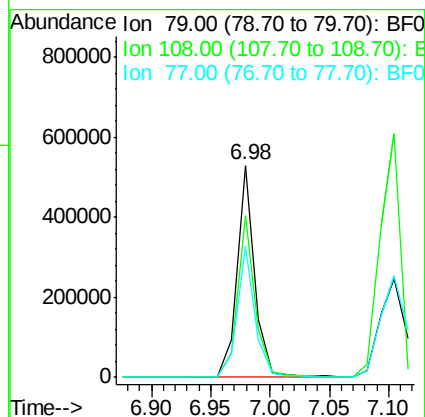
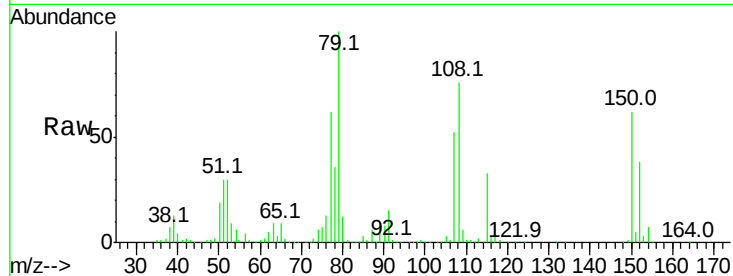
Tot Ion: 79 Resp: 547533

Ion Ratio Lower Upper

79 100

108 76.2 69.0 103.4

77 61.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.96 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

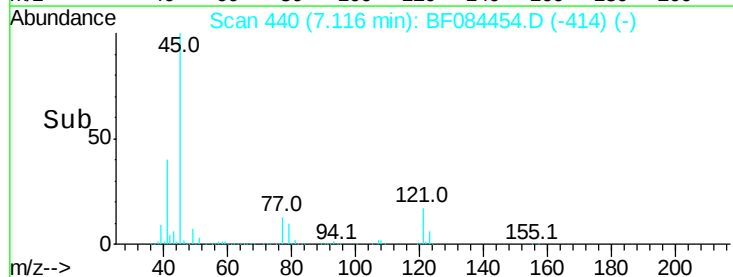
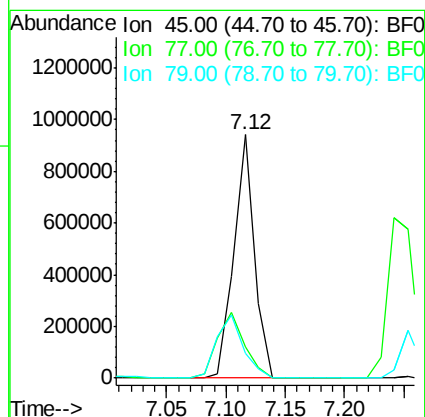
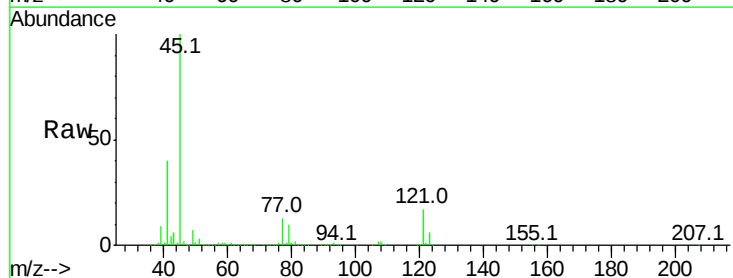
Tgt Ion: 45 Resp: 1127795

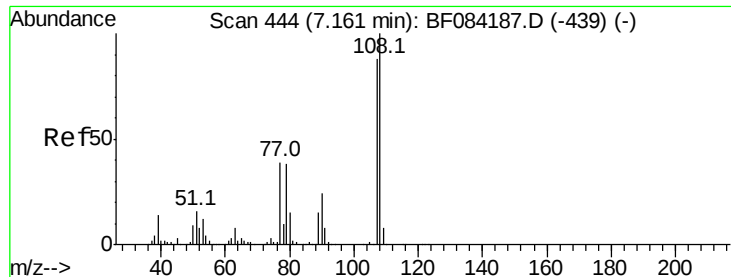
Ion Ratio Lower Upper

45 100

77 12.8 0.0 39.6

79 10.2 0.0 35.0





#17

2-Methylphenol

Concen: 42.93 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

Tot Ion:107 Resp: 618358

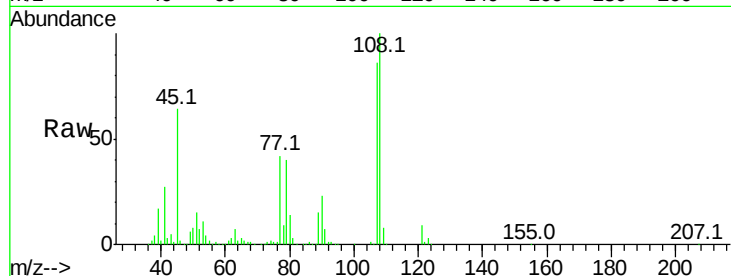
Ion Ratio Lower Upper

107 100

108 116.3 89.8 134.6

77 48.7 35.7 53.5

79 47.1 35.7 53.5

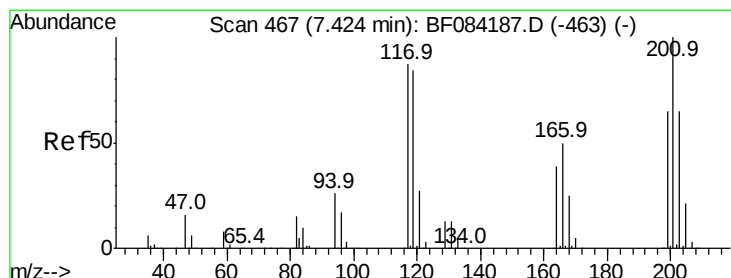
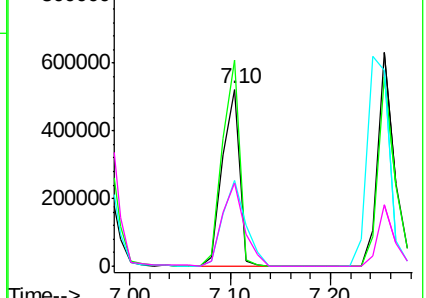
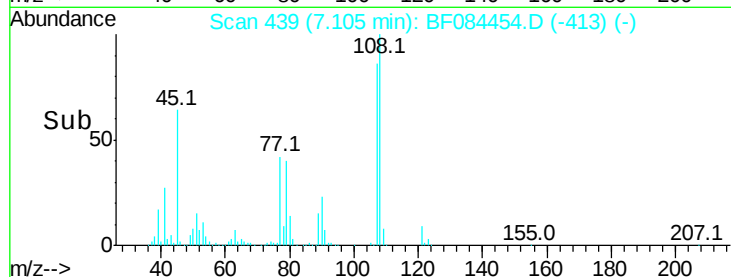


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.08 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

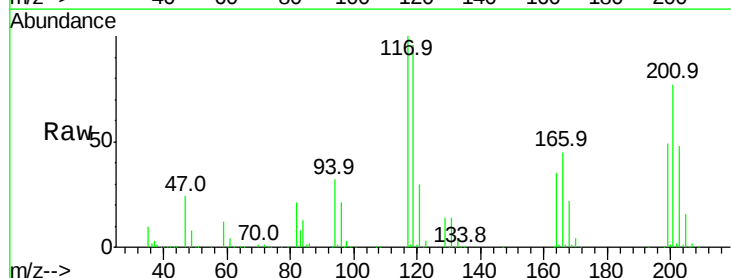
Tgt Ion:117 Resp: 285004

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0

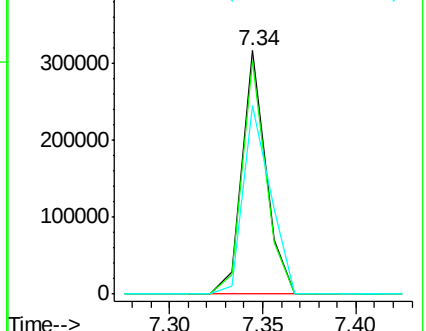
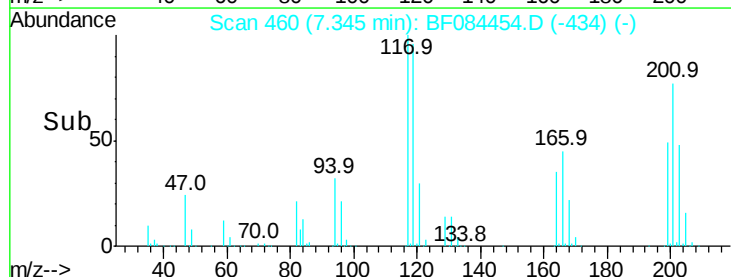
201 77.3 68.6 103.0

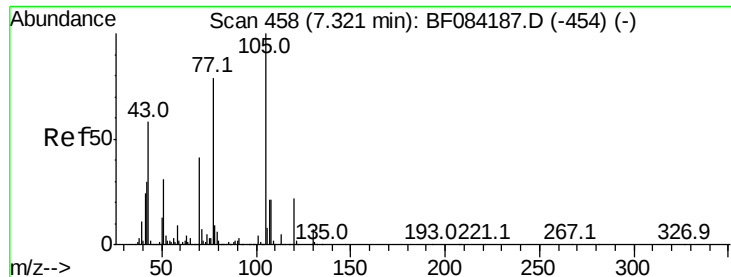


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

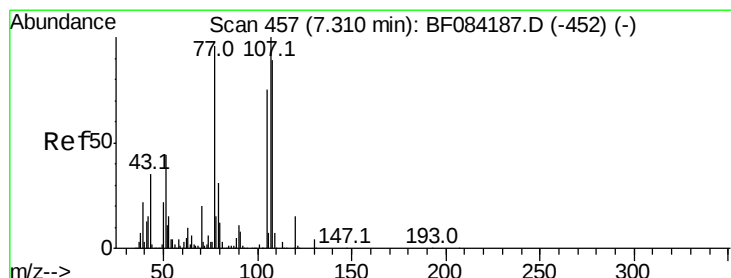
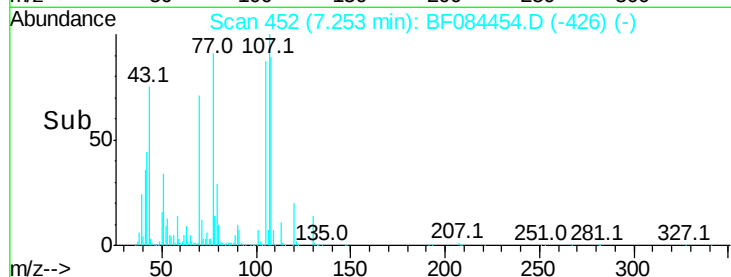
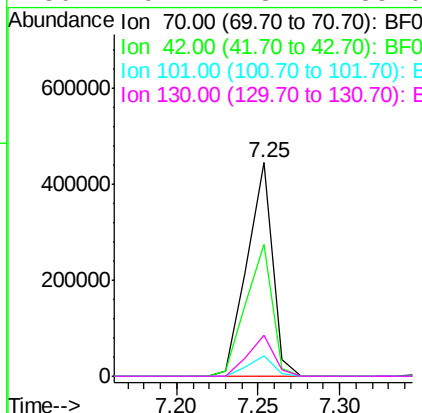
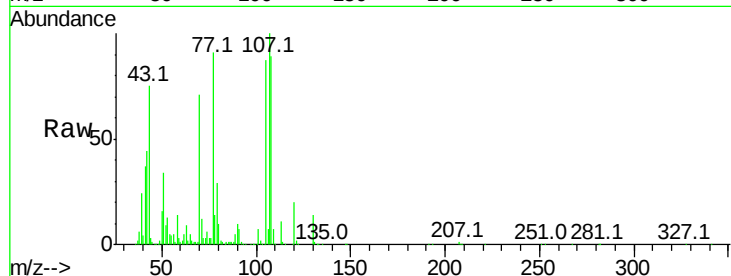




#19
n-Nitroso-di-n-propylamine
Concen: 37.49 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

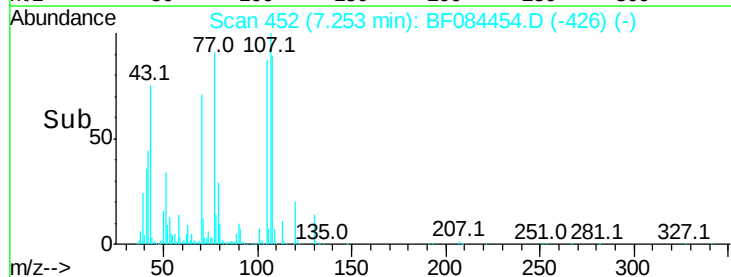
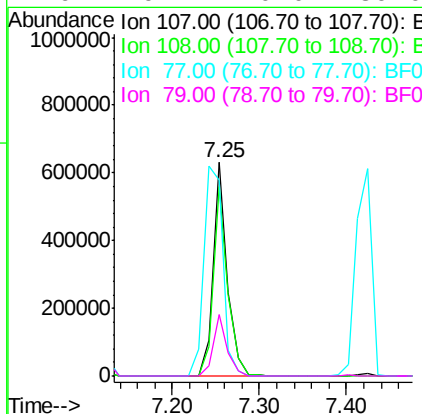
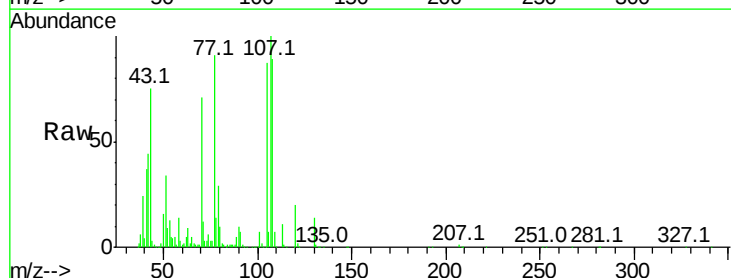
Instrument :
BNA_F
ClientSampleId :
PB87806BS

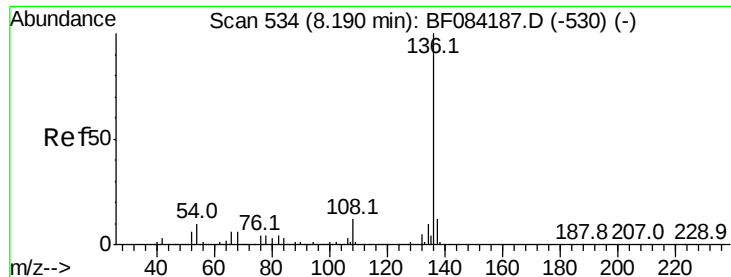
Tot Ion: 70 Resp: 482864
Ion Ratio Lower Upper
70 100
42 61.8 33.3 49.9#
101 9.3 9.3 13.9
130 19.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 42.22 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Tgt Ion: 107 Resp: 714907
Ion Ratio Lower Upper
107 100
108 88.9 74.6 114.6
77 91.5 0.7 40.7#
79 29.1 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

Tot Ion:136 Resp: 1048987

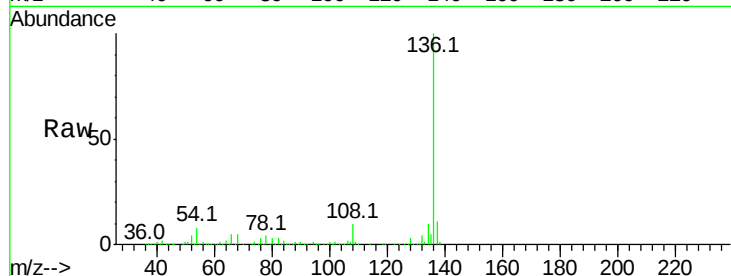
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 5.8 8.8

68 5.3 4.2 6.2

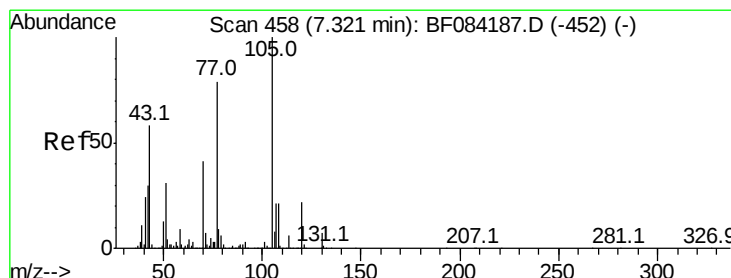
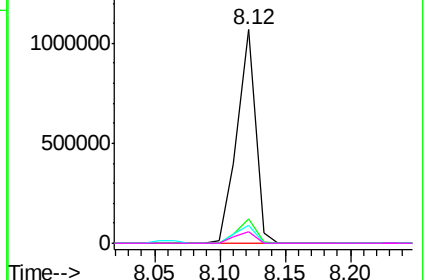
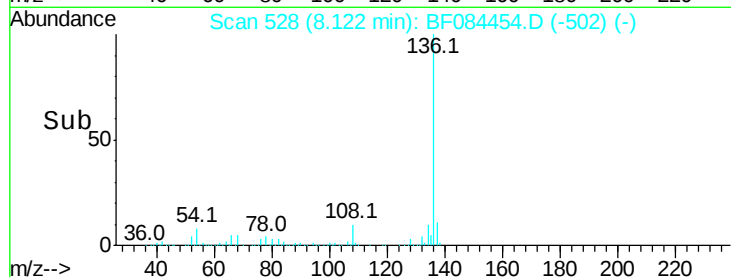


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.89 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Tgt Ion:105 Resp: 955675

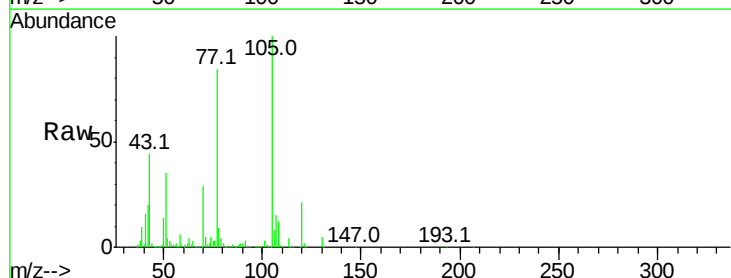
Ion Ratio Lower Upper

105 100

71 4.8 3.7 5.5

51 34.8 25.1 37.7

120 20.7 16.6 25.0

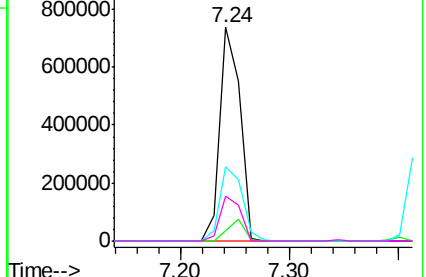
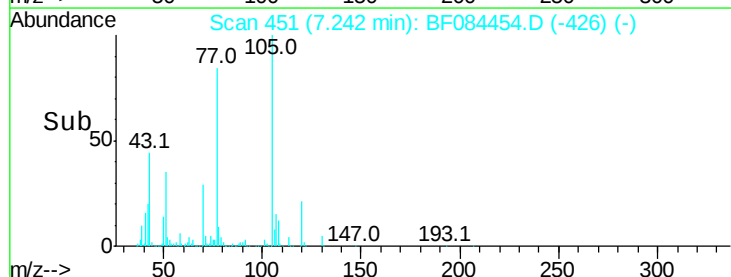


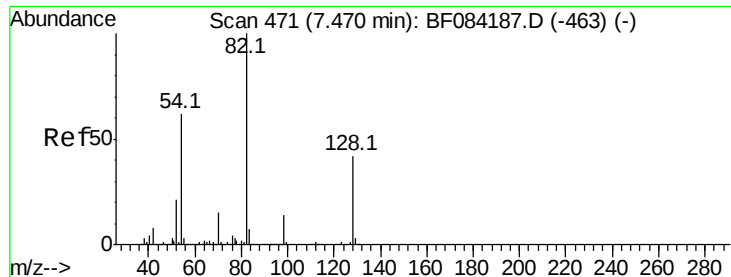
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.68 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

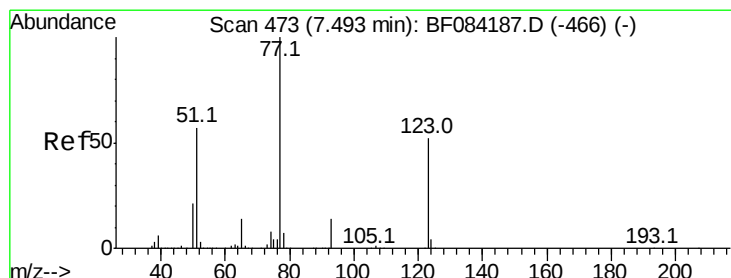
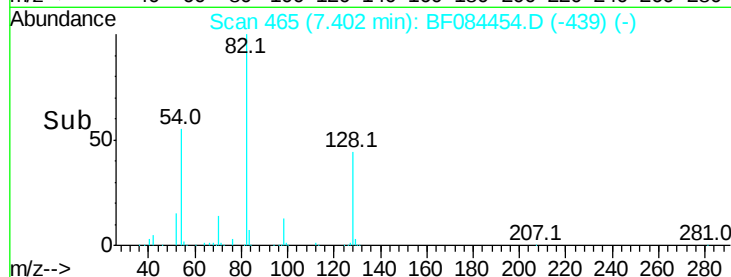
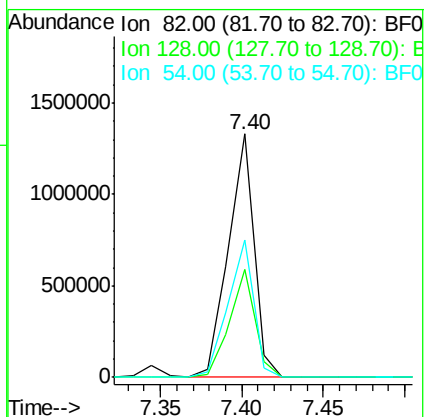
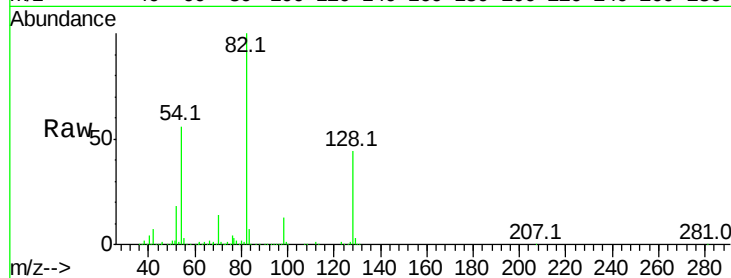
Tot Ion: 82 Resp: 1445305

Ion Ratio Lower Upper

82 100

128 44.1 34.6 51.8

54 56.4 38.4 57.6



#24

Nitrobenzene

Concen: 40.08 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

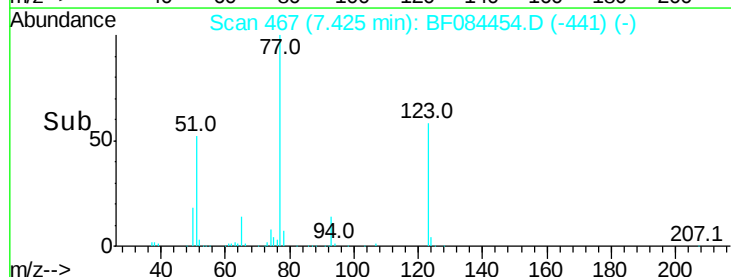
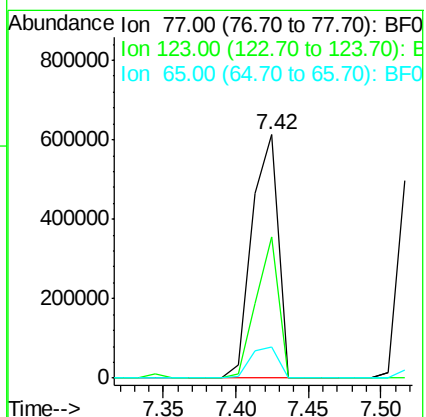
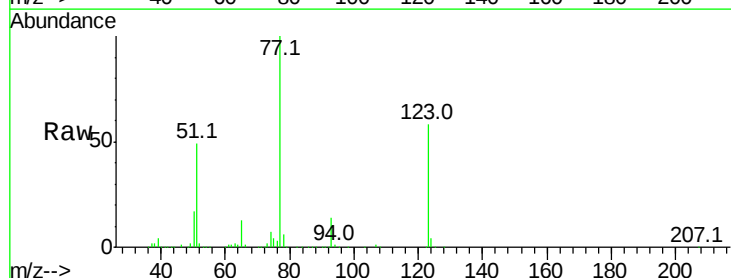
Tgt Ion: 77 Resp: 766103

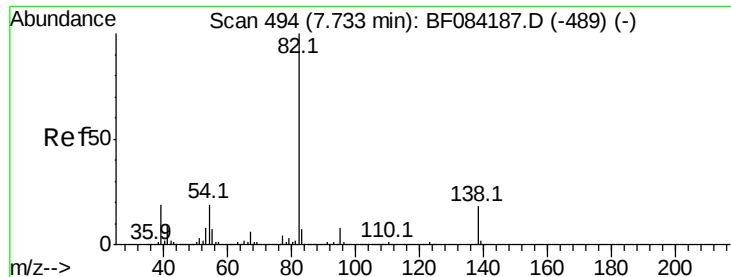
Ion Ratio Lower Upper

77 100

123 58.1 37.4 56.2#

65 13.0 10.9 16.3





#25

Isophorone

Concen: 39.93 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

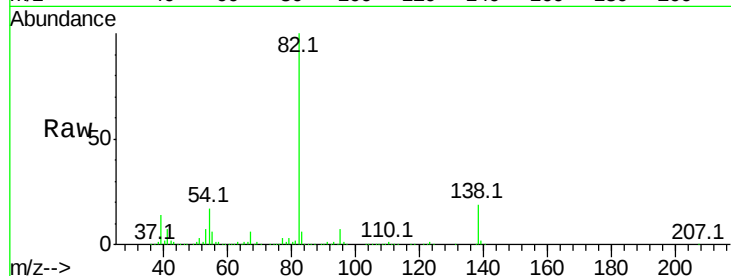
Tot Ion: 82 Resp: 1439495

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

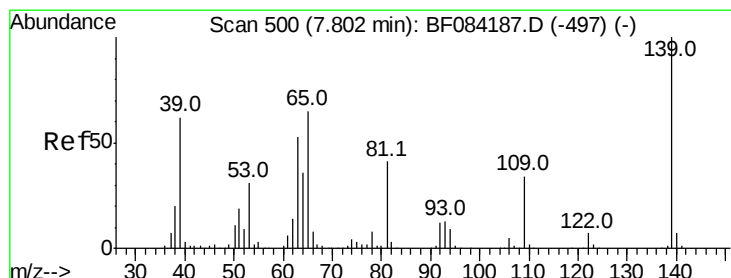
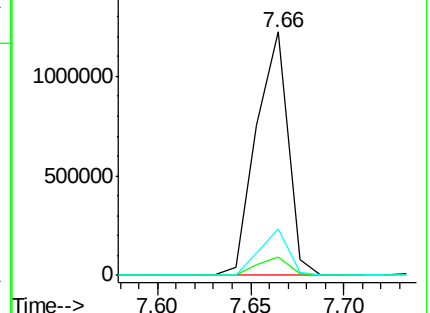
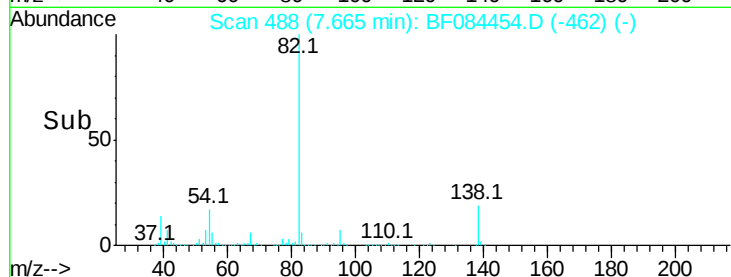
138 19.0 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.83 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

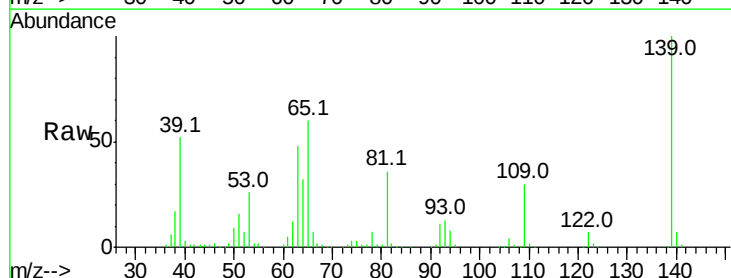
Tgt Ion: 139 Resp: 363929

Ion Ratio Lower Upper

139 100

109 29.8 25.4 38.2

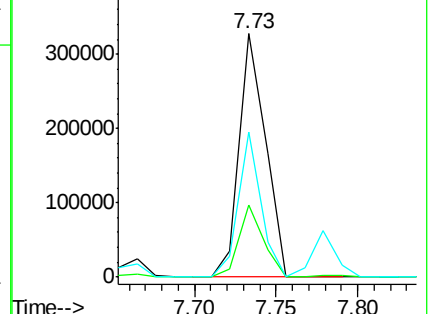
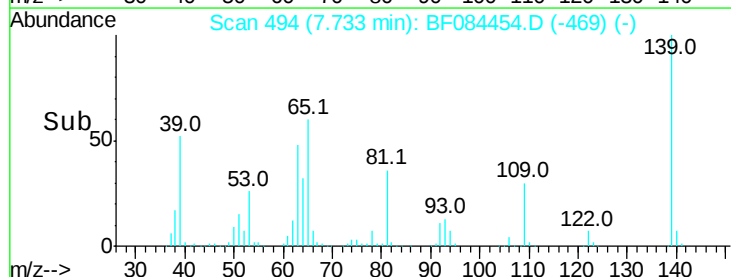
65 59.5 32.3 48.5#

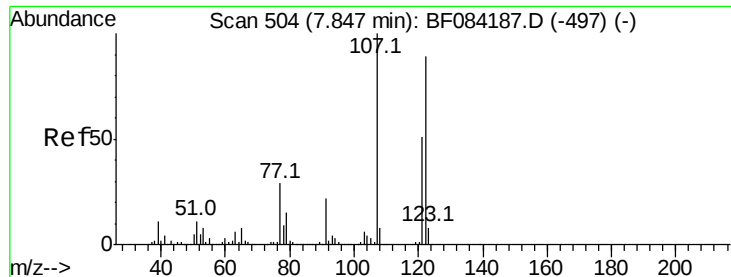


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.14 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

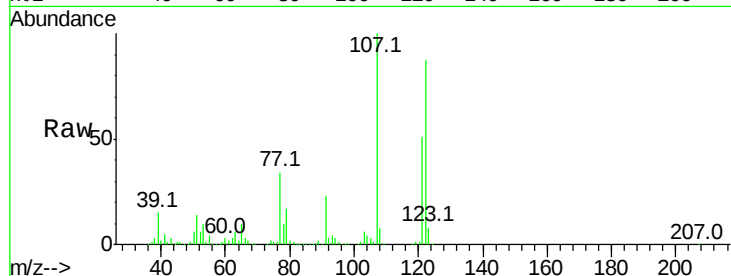
Tot Ion:122 Resp: 654105

Ion Ratio Lower Upper

122 100

107 114.7 99.1 148.7

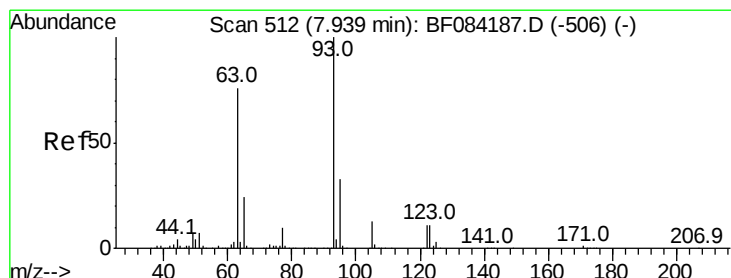
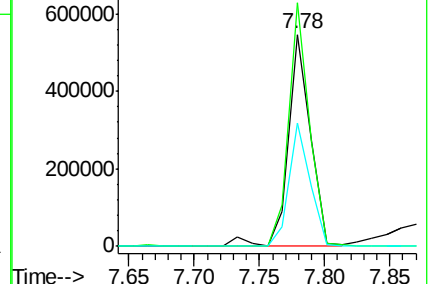
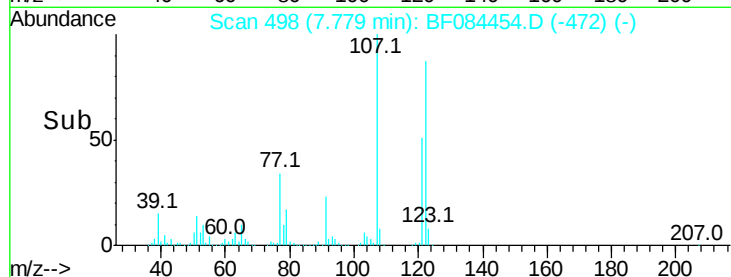
121 58.1 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.51 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

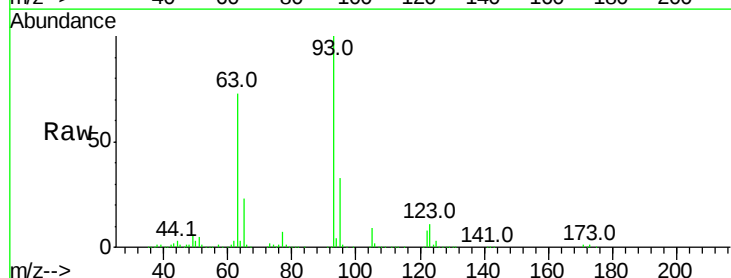
Tgt Ion: 93 Resp: 848028

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

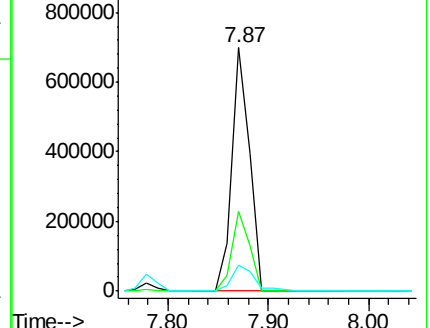
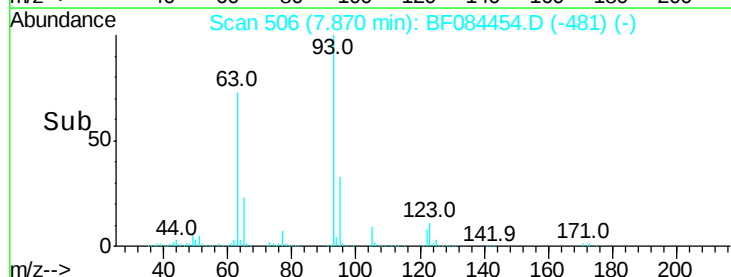
123 10.9 8.6 12.8

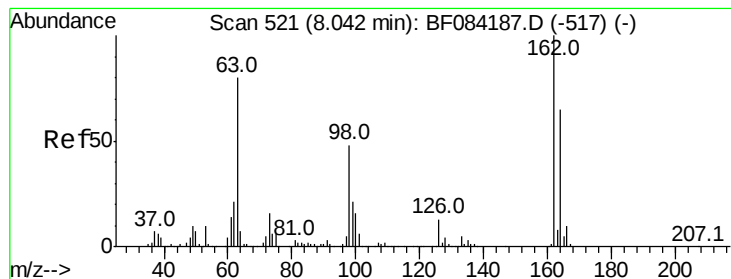


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.37 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

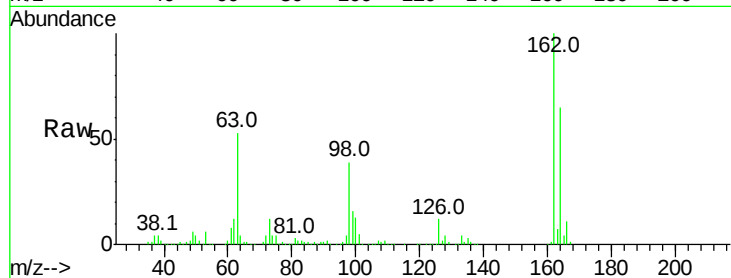
Tot Ion:162 Resp: 621593

Ion Ratio Lower Upper

162 100

164 64.5 44.1 84.1

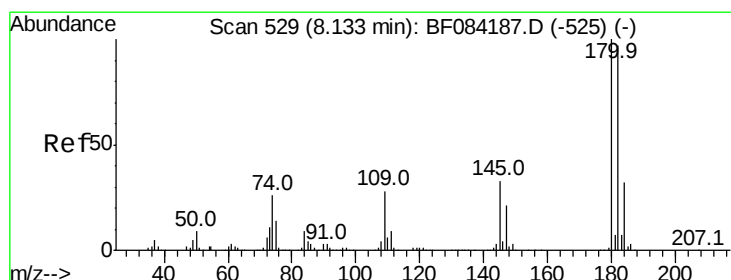
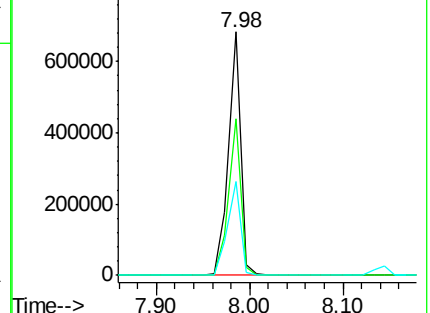
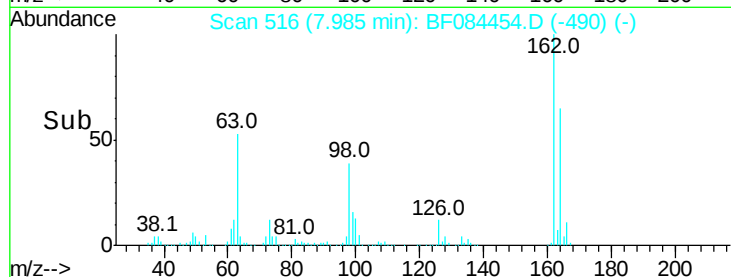
98 38.7 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.91 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

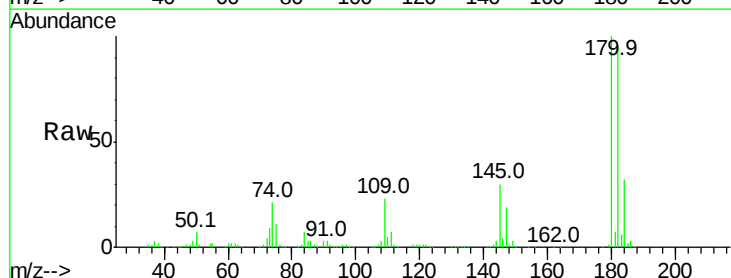
Tgt Ion:180 Resp: 634685

Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

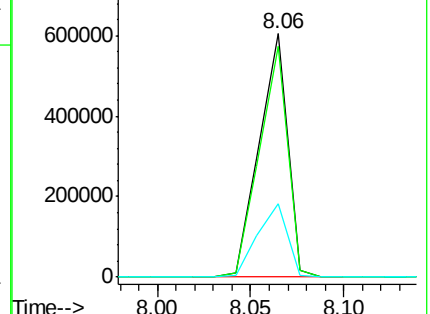
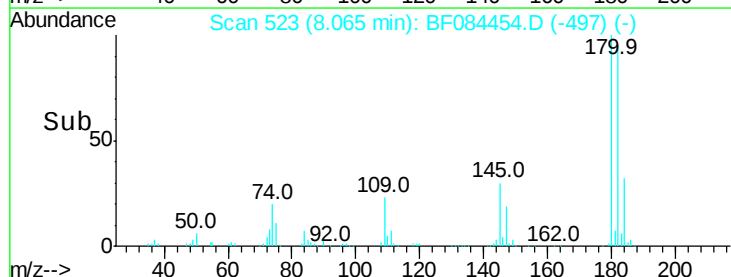
145 30.3 31.6 47.4#

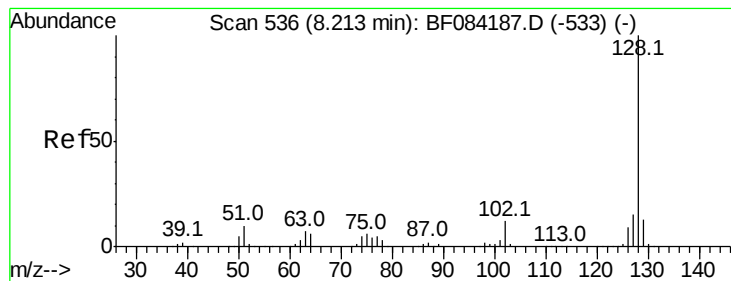


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.92 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

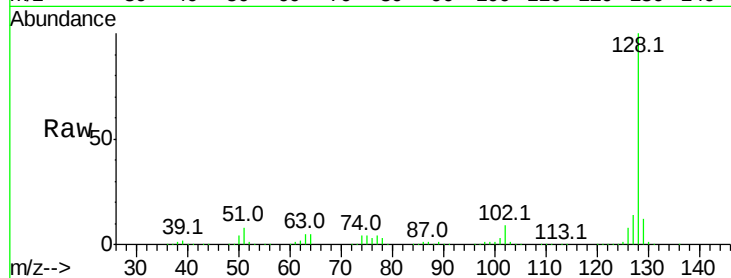
Tot Ion:128 Resp: 2042536

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

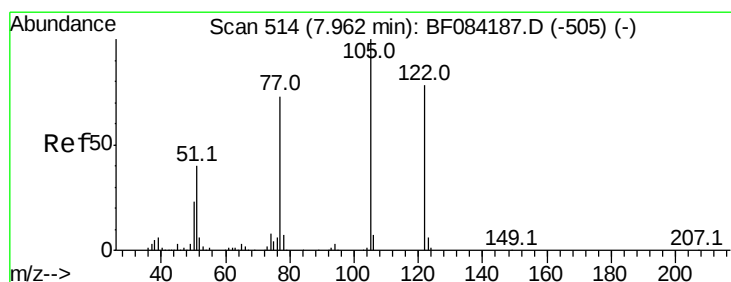
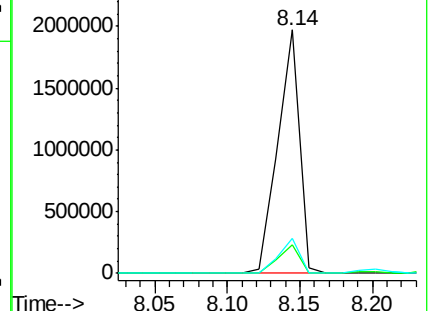
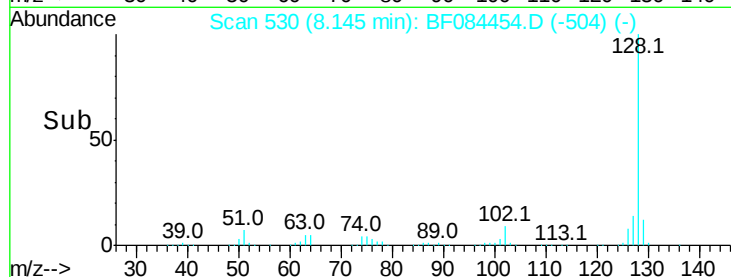
127 14.2 11.1 16.7



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: 33.23 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

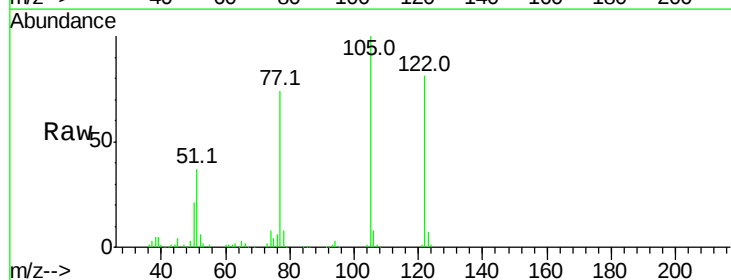
Tgt Ion:122 Resp: 351418

Ion Ratio Lower Upper

122 100

105 123.8 100.3 140.3

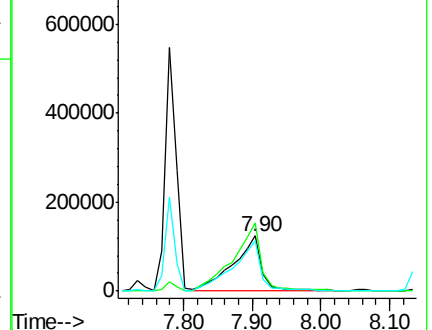
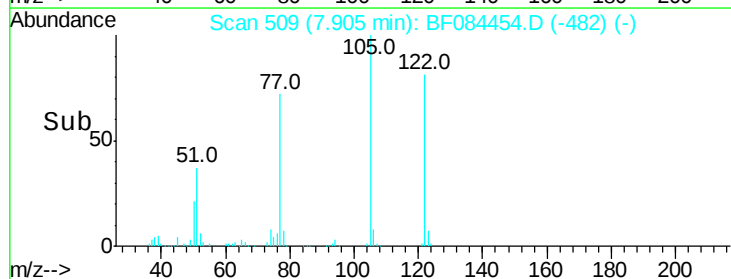
77 91.5 63.5 103.5

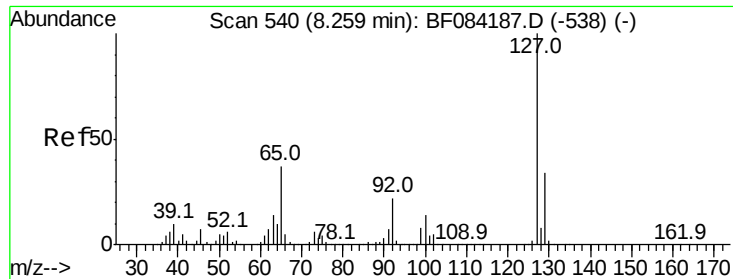


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

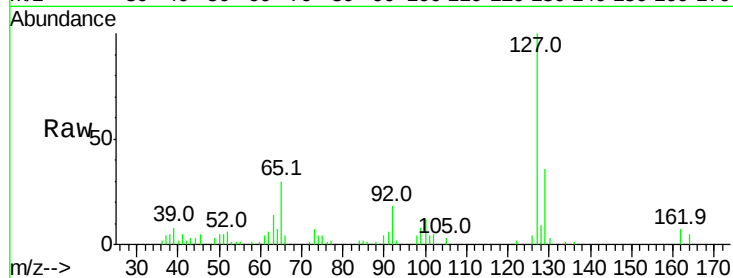




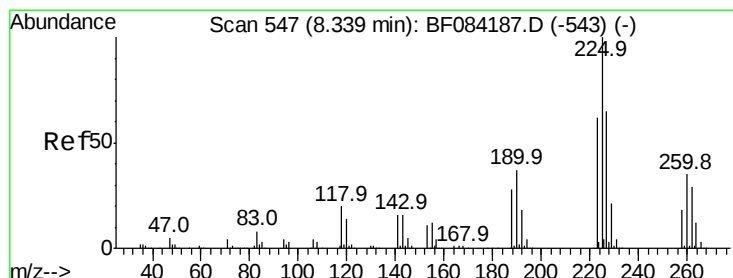
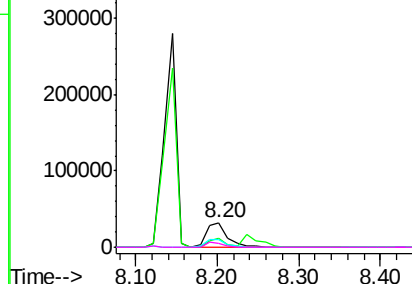
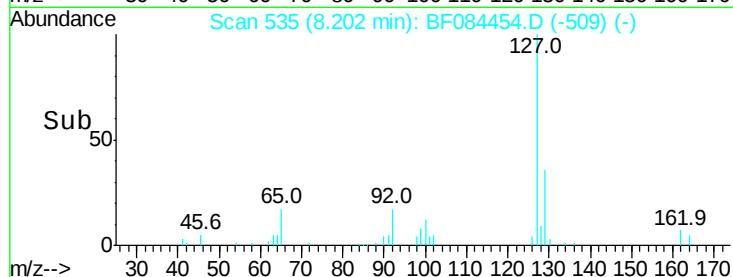
#33
4-Chloroaniline
Concen: 2.69 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB87806BS

Tot Ion:	127	Resp:	58742
Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.5	39.7
65	29.6	27.2	40.8
92	18.1	17.7	26.5

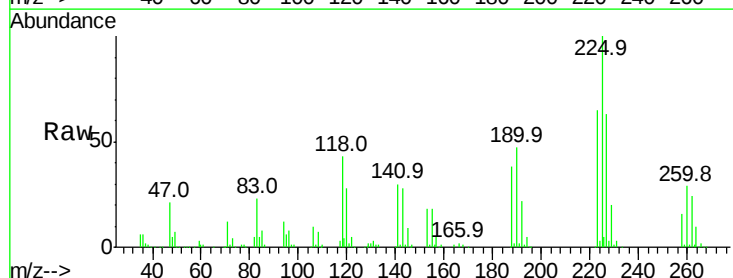


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

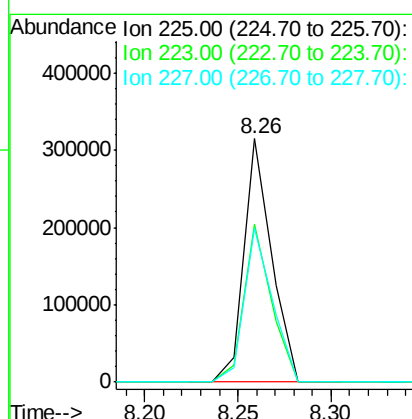
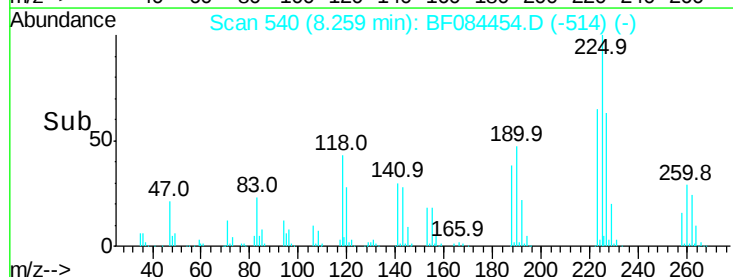


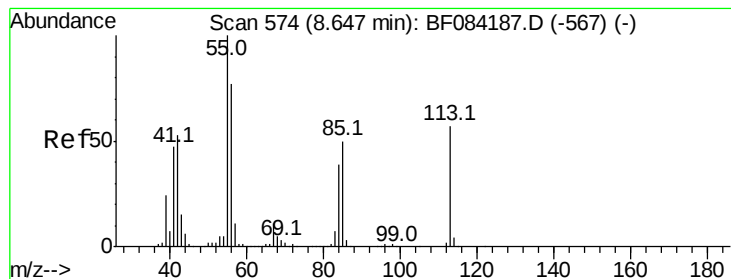
#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Tgt Ion:	225	Resp:	324216
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.4	74.0
227	63.3	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.47 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

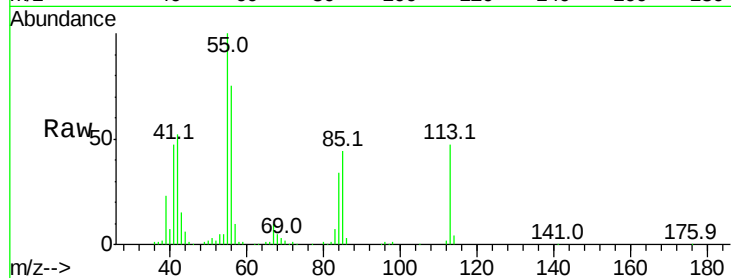
Tot Ion:113 Resp: 205085

Ion Ratio Lower Upper

113 100

55 213.9 116.9 156.9#

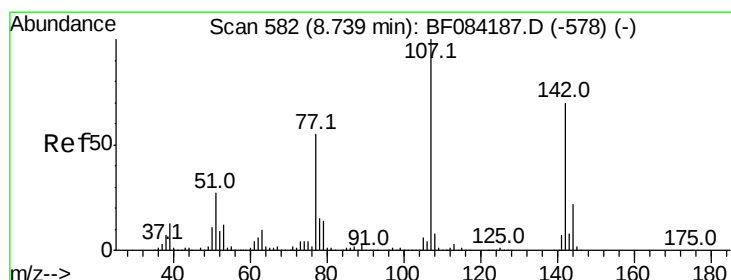
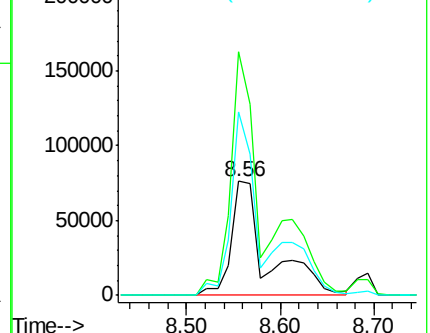
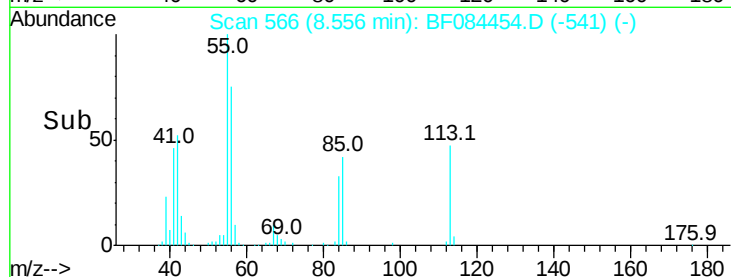
56 160.7 93.8 133.8#



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: 42.49 ng/ml

RT: 8.69 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

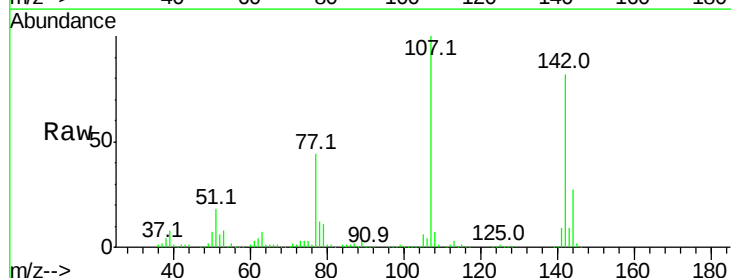
Tgt Ion:107 Resp: 698168

Ion Ratio Lower Upper

107 100

144 26.7 19.7 29.5

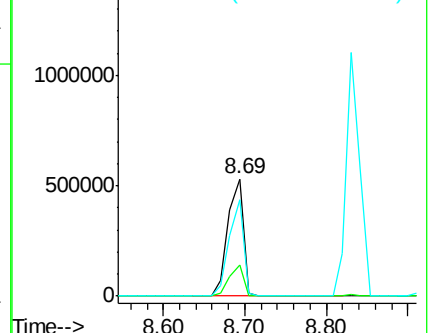
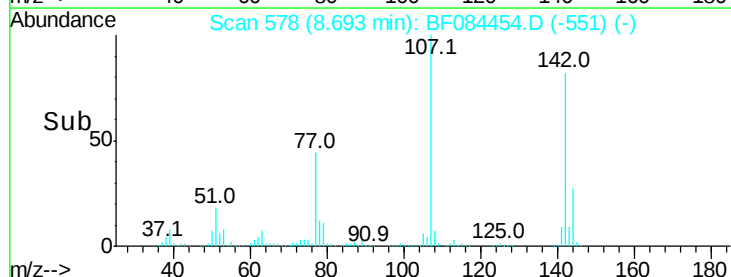
142 81.9 61.8 92.6

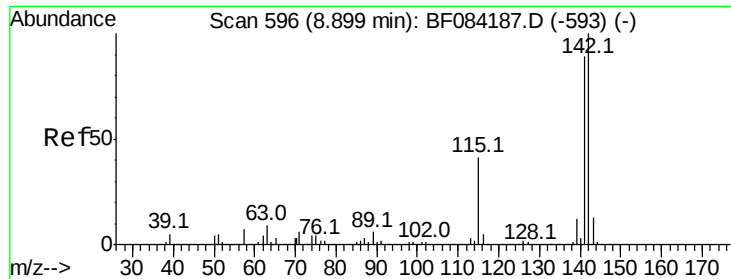


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



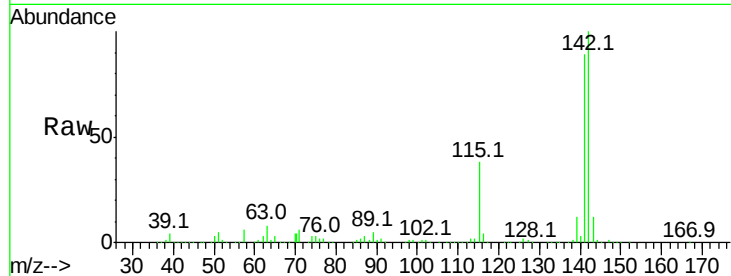


#37
 2-Methylnaphthalene
 Concen: 37.75 ng
 RT: 8.83 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

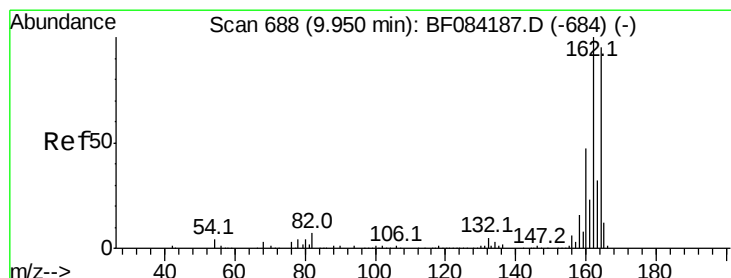
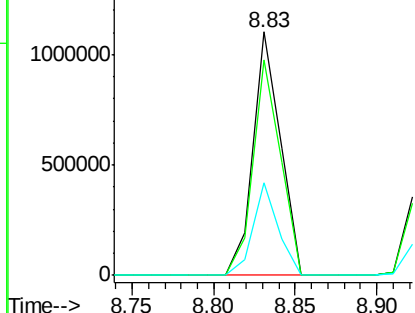
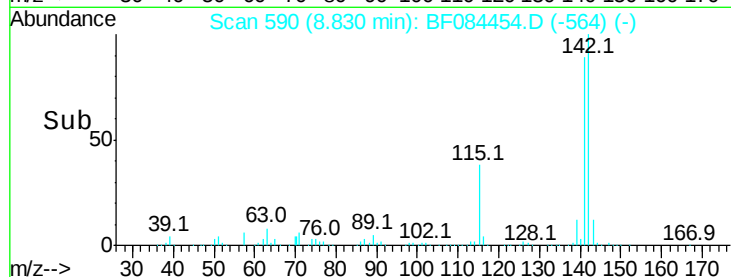
Instrument :
 BNA_F
 ClientSampleId :
 PB87806BS

Tot Ion:142 Resp: 1289684

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	38.1	27.9	41.9



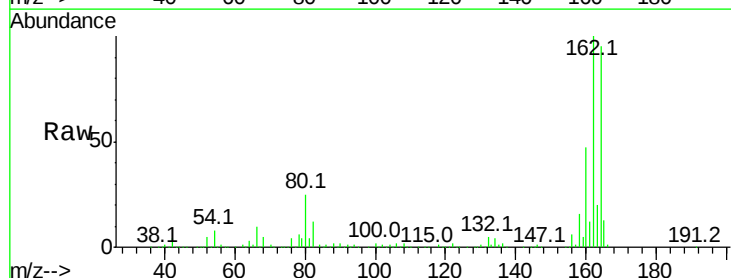
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



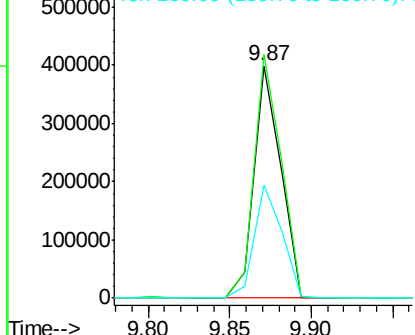
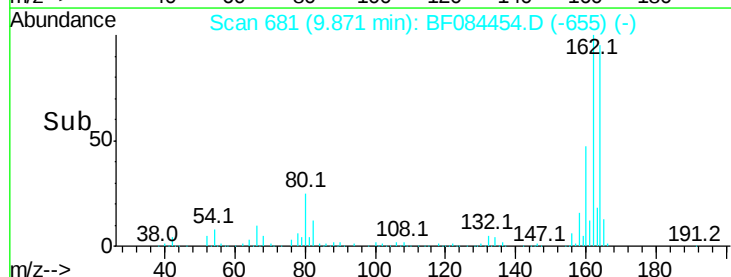
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

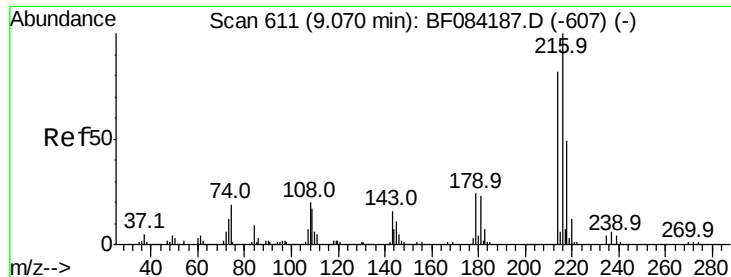
Tgt Ion:164 Resp: 454965

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.1	127.7
160	48.8	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: 43.56 ng

RT: 9.00 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

Tot Ion:216 Resp: 569736

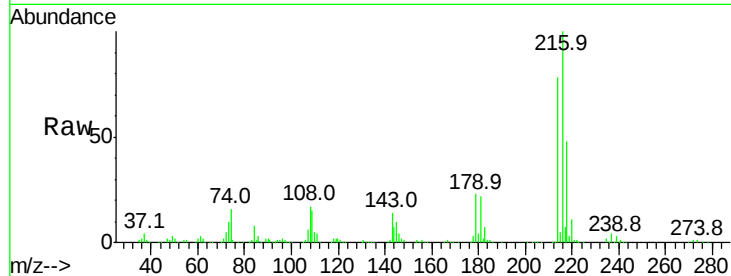
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 23.4 18.7 28.1

108 23.2 16.8 25.2

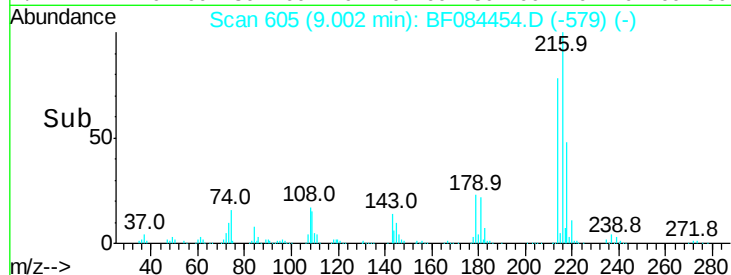


Abundance Ion 216.00 (215.70 to 216.70): E

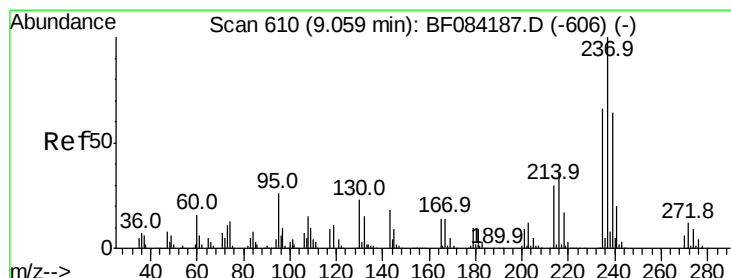
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 76.75 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

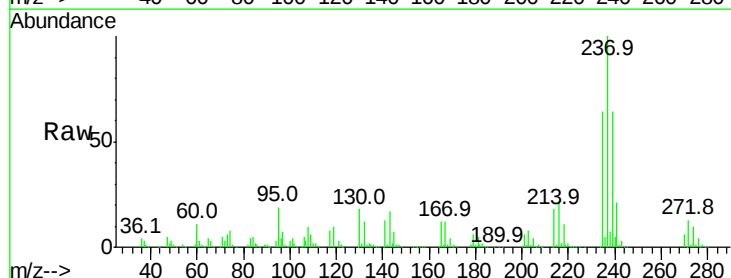
Tgt Ion:237 Resp: 605961

Ion Ratio Lower Upper

237 100

235 63.9 43.1 83.1

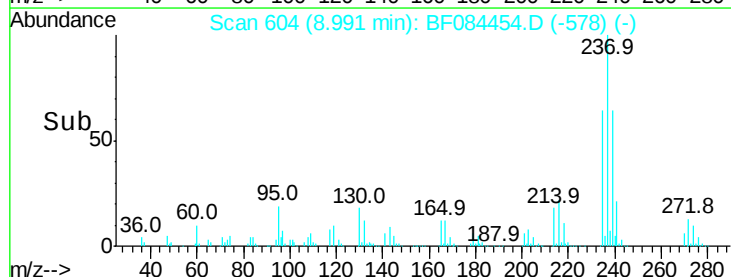
272 13.1 0.0 35.1



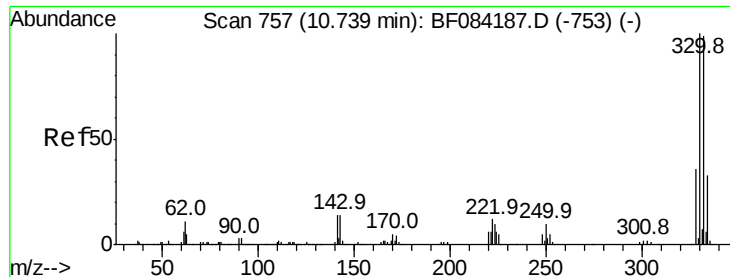
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



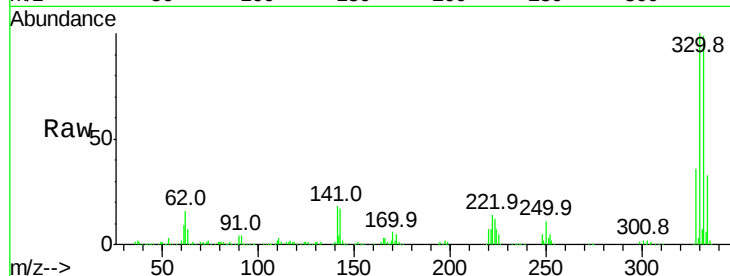
Time-->



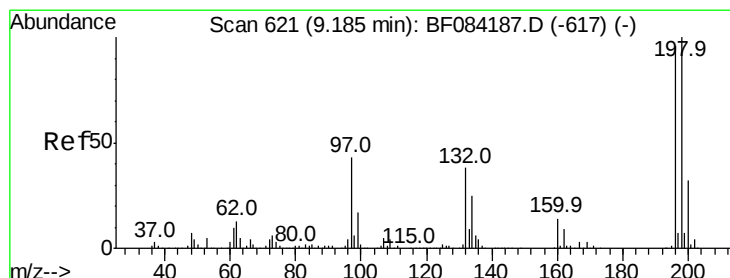
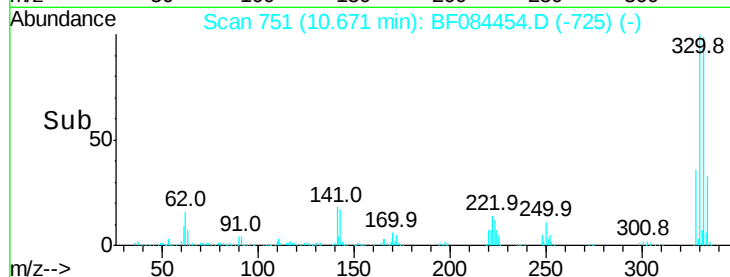
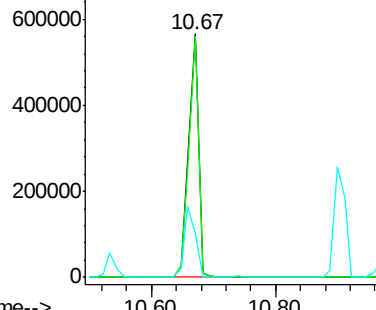
#41
 2,4,6-Tribromophenol
 Concen: 132.25 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BS

Tot Ion:330 Resp: 607442
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 33.0 27.8 41.6

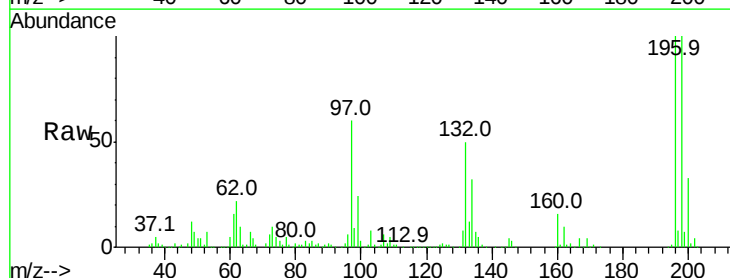


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

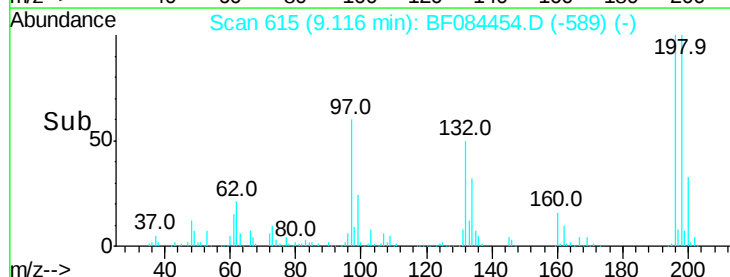
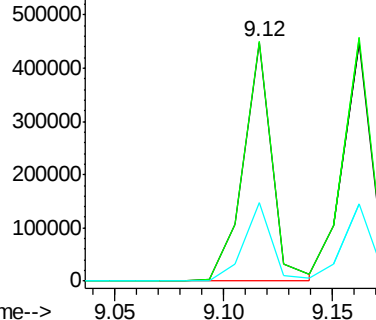


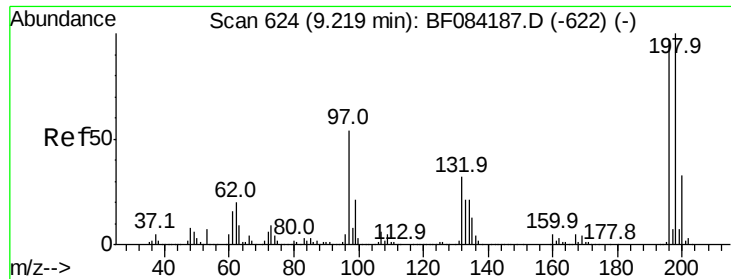
#42
 2,4,6-Trichlorophenol
 Concen: 42.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

Tgt Ion:196 Resp: 414196
 Ion Ratio Lower Upper
 196 100
 198 100.3 77.7 116.5
 200 32.9 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

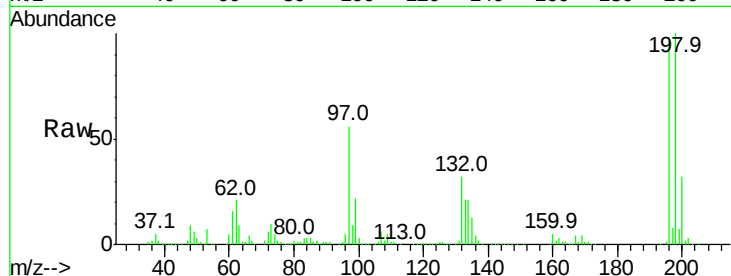




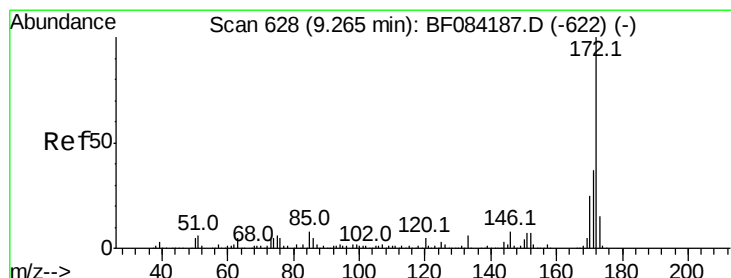
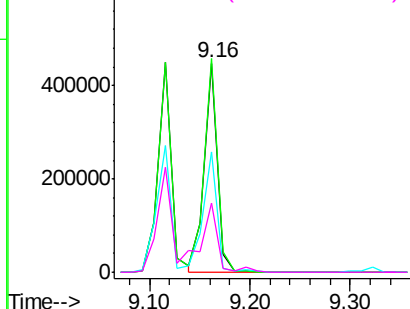
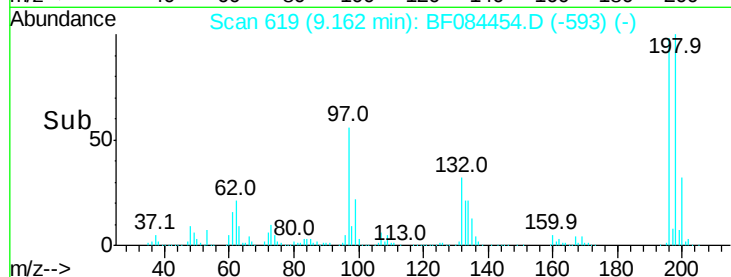
#43
 2,4,5-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BS

Tot Ion:196 Resp: 410541
 Ion Ratio Lower Upper
 196 100
 198 102.2 79.0 118.6
 97 57.3 33.0 49.6#
 132 33.0 21.1 31.7#

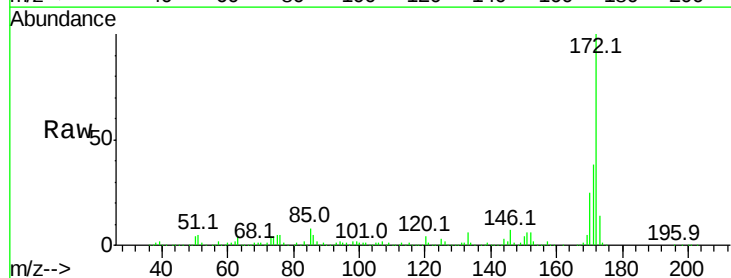


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

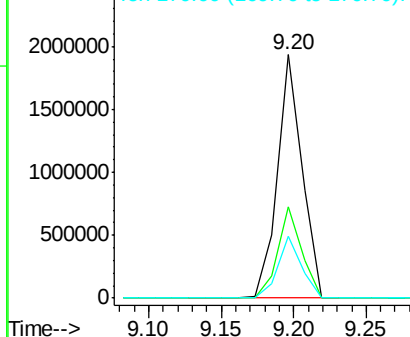
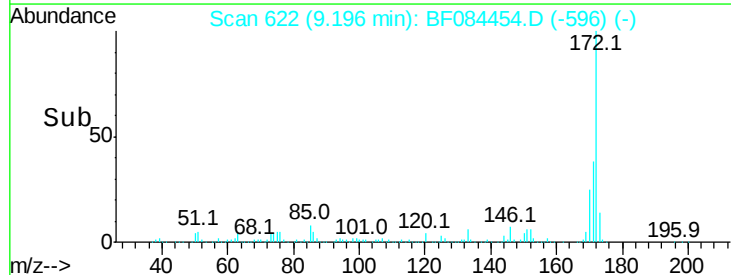


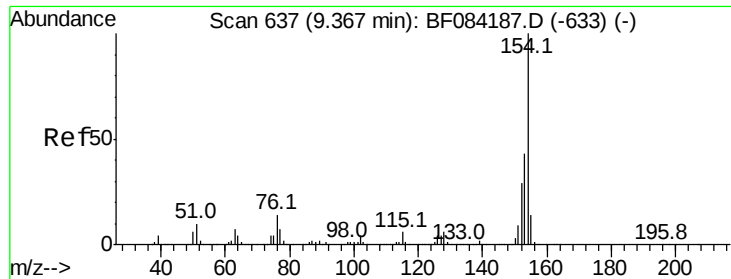
#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

Tgt Ion:172 Resp: 2275516
 Ion Ratio Lower Upper
 172 100
 171 37.7 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: 43.77 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

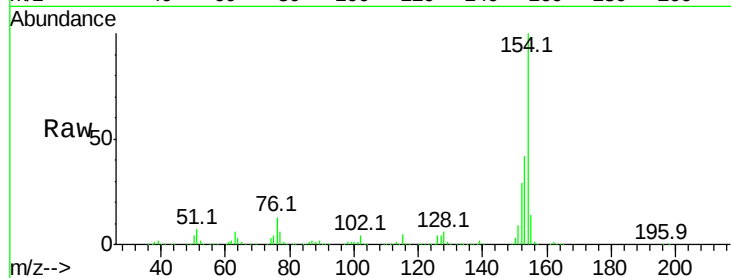
Tot Ion:154 Resp: 1582594

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

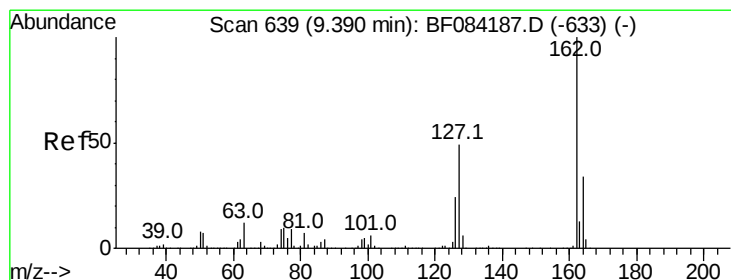
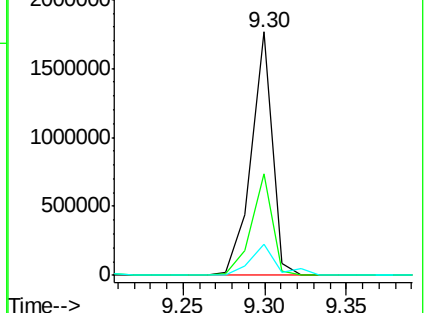
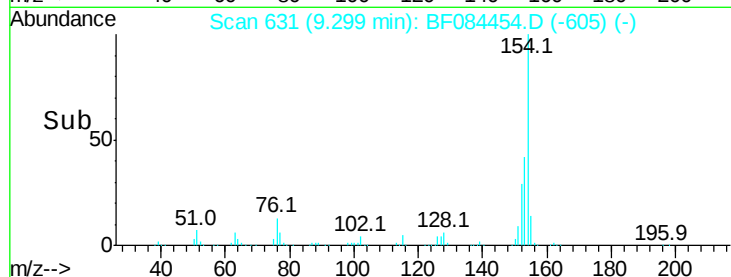
76 12.6 0.0 32.7



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: 41.82 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

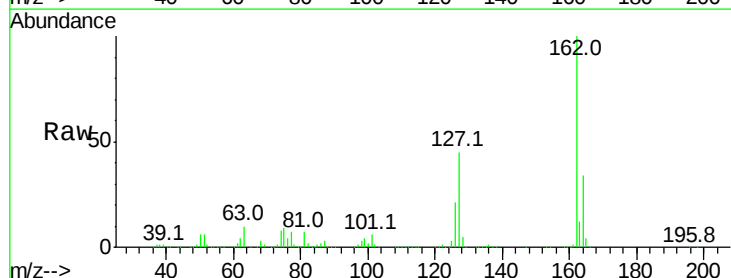
Tgt Ion:162 Resp: 1187838

Ion Ratio Lower Upper

162 100

127 44.9 40.2 60.4

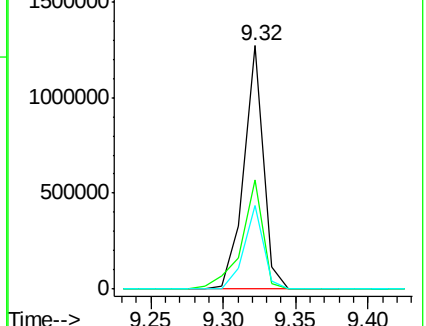
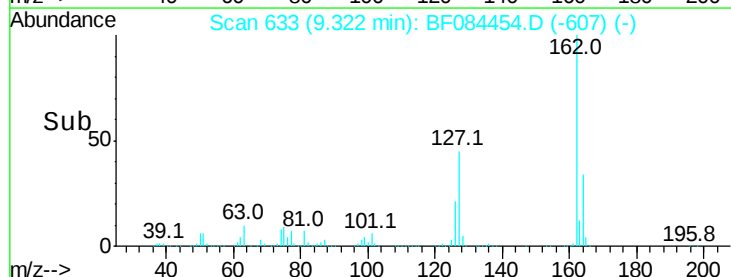
164 34.1 25.7 38.5

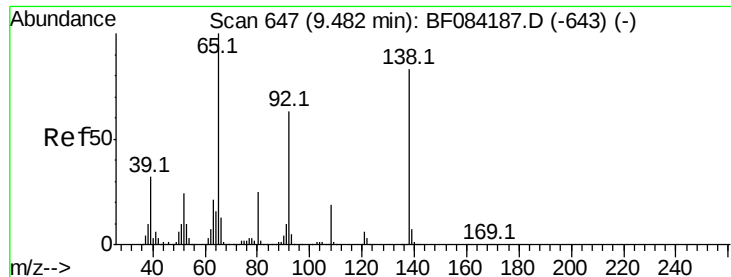


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.69 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

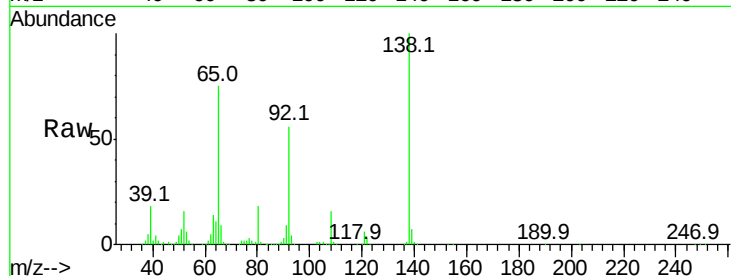
Tot Ion: 65 Resp: 409517

Ion Ratio Lower Upper

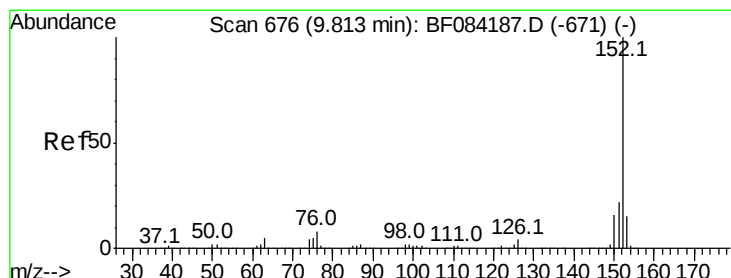
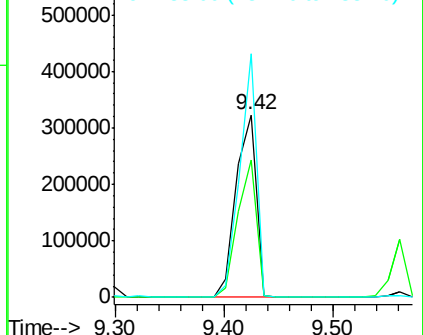
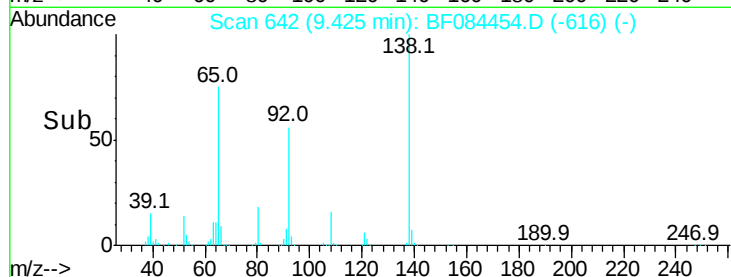
65 100

92 75.1 53.4 80.2

138 133.4 71.1 106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.63 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

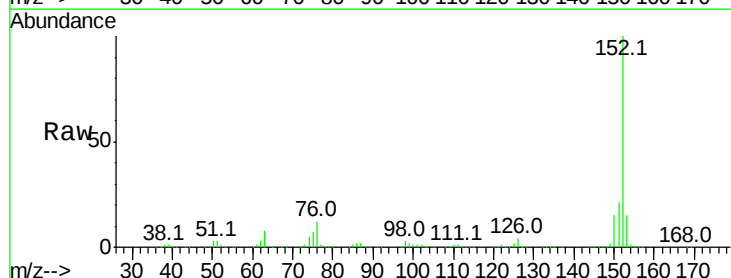
Tgt Ion: 152 Resp: 1788616

Ion Ratio Lower Upper

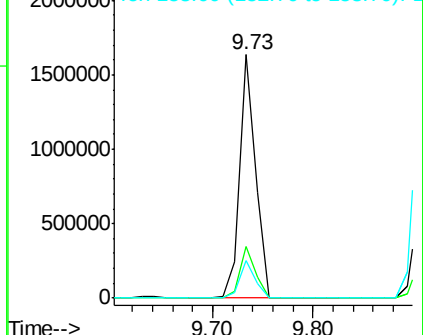
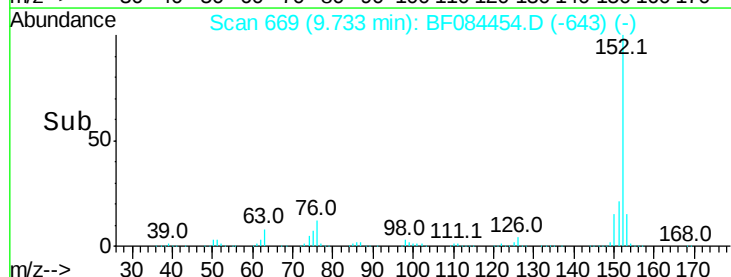
152 100

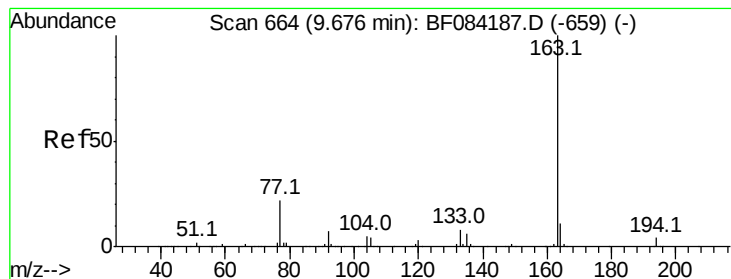
151 21.3 16.3 24.5

153 15.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.04 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

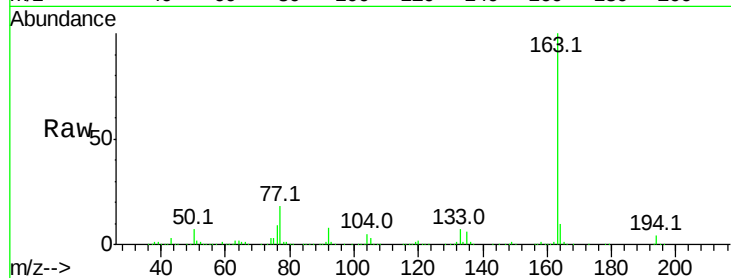
Tot Ion:163 Resp: 1529984

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

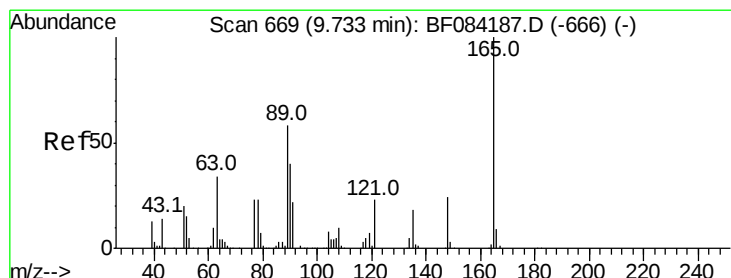
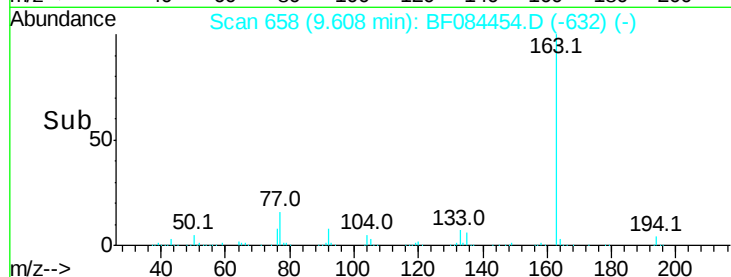
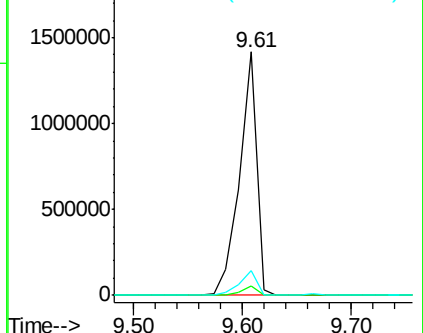
164 10.2 8.0 12.0



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: 48.33 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

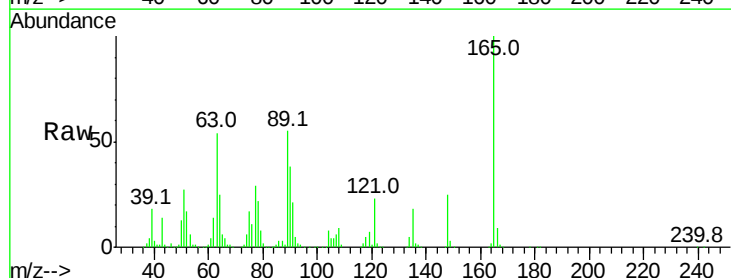
Tgt Ion:165 Resp: 344757

Ion Ratio Lower Upper

165 100

63 53.7 28.8 43.2#

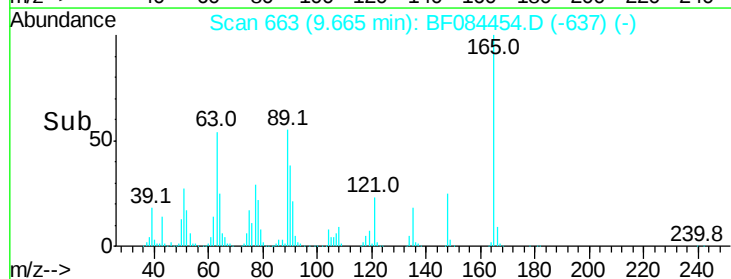
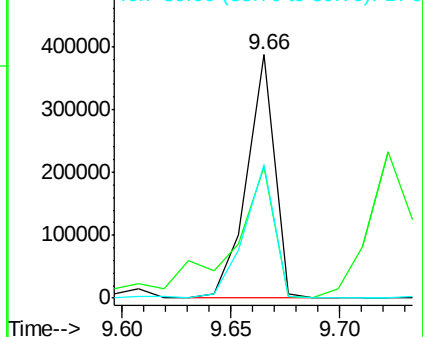
89 55.0 35.1 52.7#

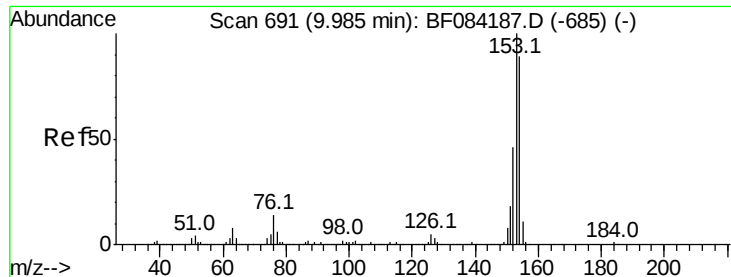


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.87 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

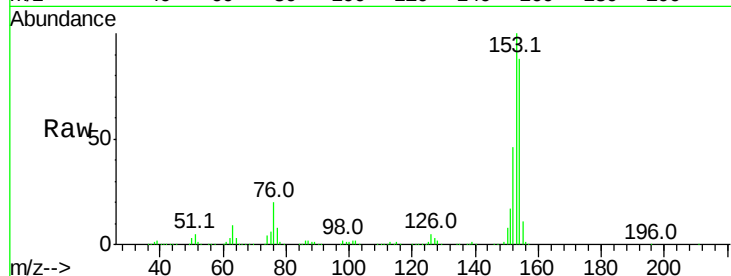
Tot Ion:154 Resp: 1319165

Ion Ratio Lower Upper

154 100

153 113.5 91.5 137.3

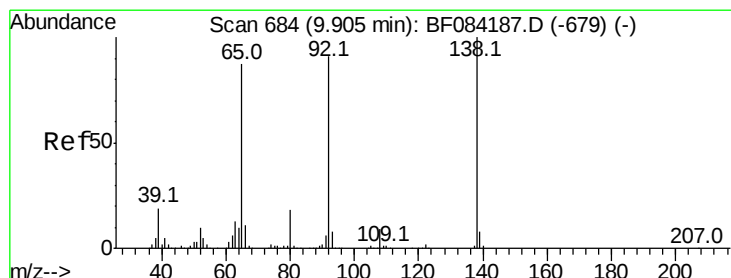
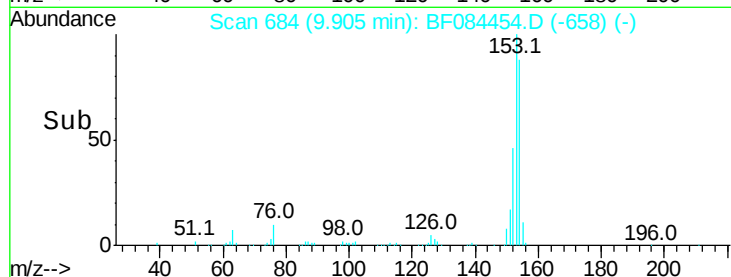
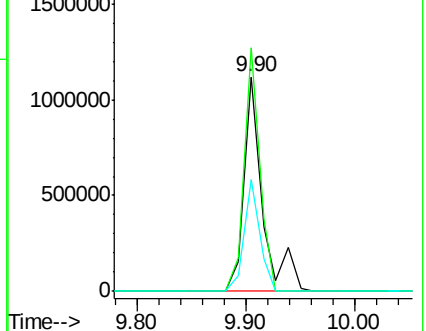
152 51.9 43.0 64.6



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: 3.93 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

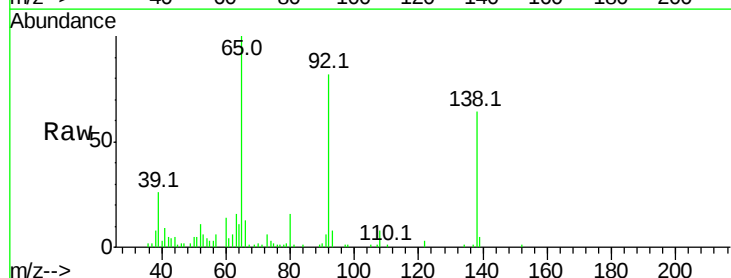
Tgt Ion:138 Resp: 34722

Ion Ratio Lower Upper

138 100

108 12.2 10.5 15.7

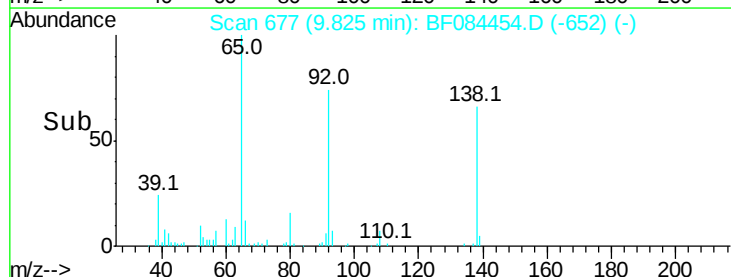
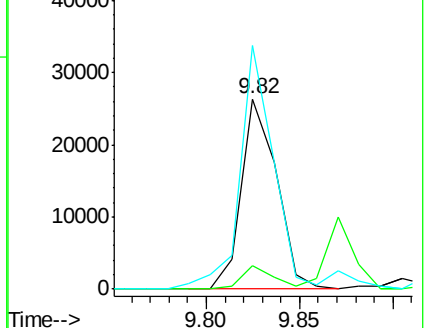
92 128.1 103.9 155.9

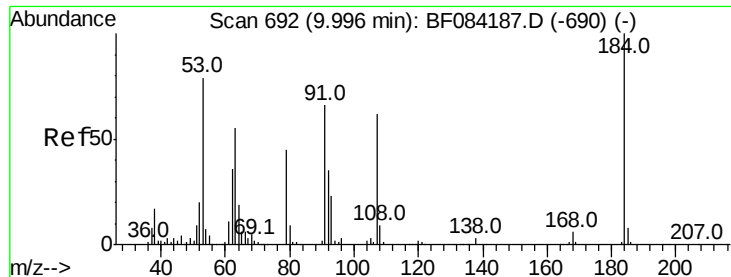


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

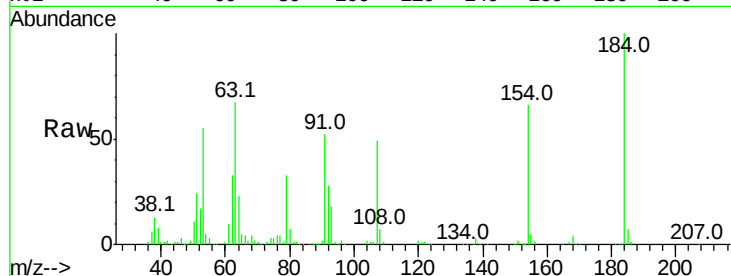




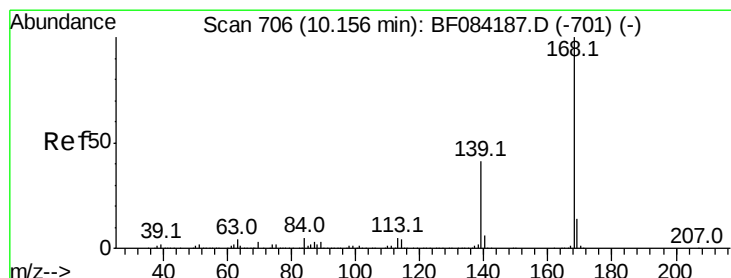
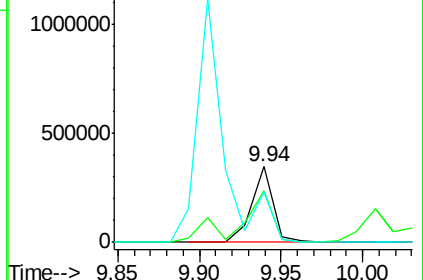
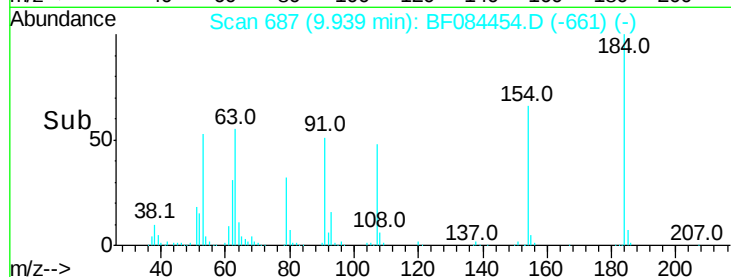
#53
2,4-Dinitrophenol
Concen: 103.66 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB87806BS

Tot Ion:184 Resp: 318359
Ion Ratio Lower Upper
184 100
63 67.5 43.1 64.7#
154 65.9 60.5 90.7

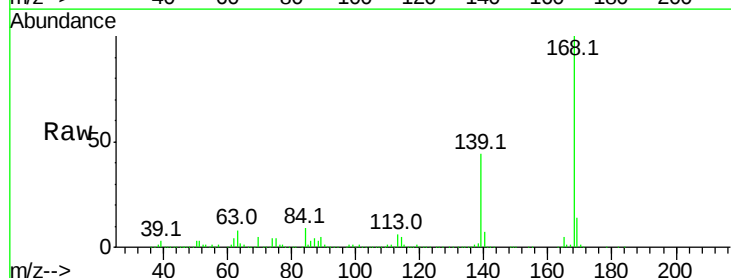


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

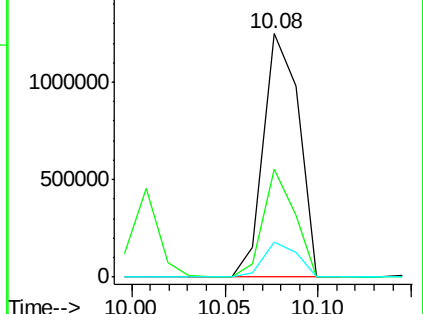
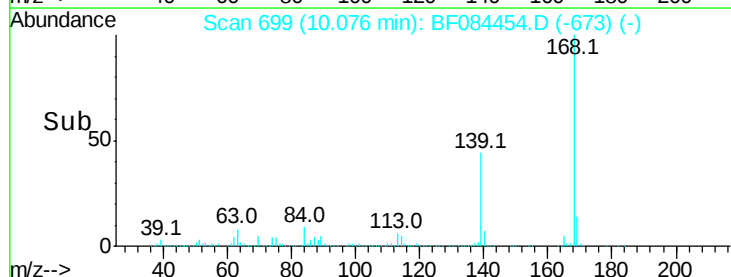


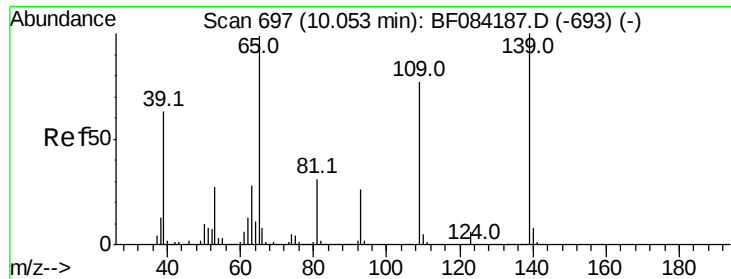
#54
Dibenzofuran
Concen: 45.00 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Tgt Ion:168 Resp: 1640539
Ion Ratio Lower Upper
168 100
139 44.4 30.5 45.7
169 14.4 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: 71.31 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

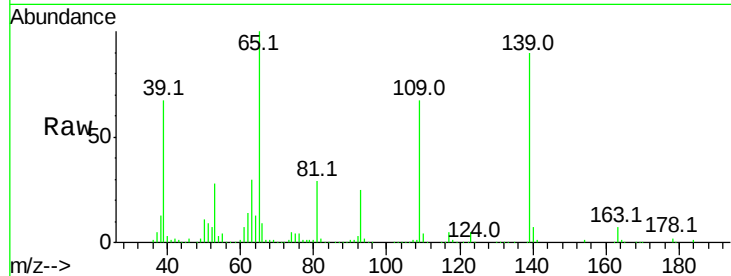
Tot Ion:139 Resp: 457583

Ion Ratio Lower Upper

139 100

109 74.4 58.5 98.5

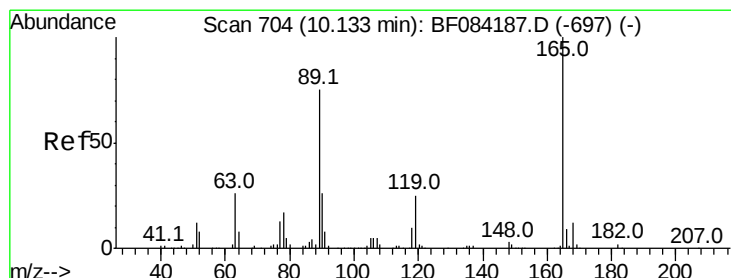
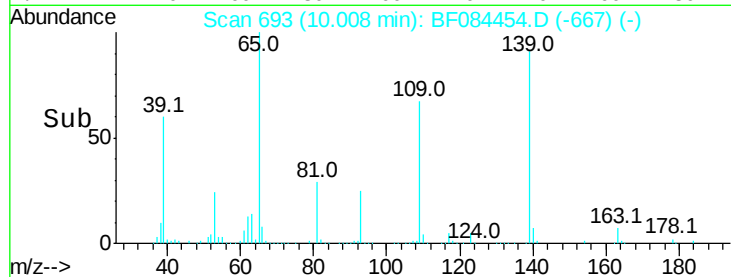
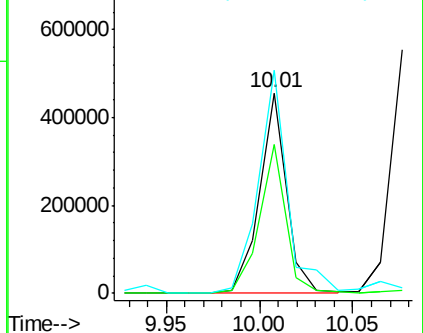
65 111.1 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.86 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Tgt Ion:165 Resp: 395961

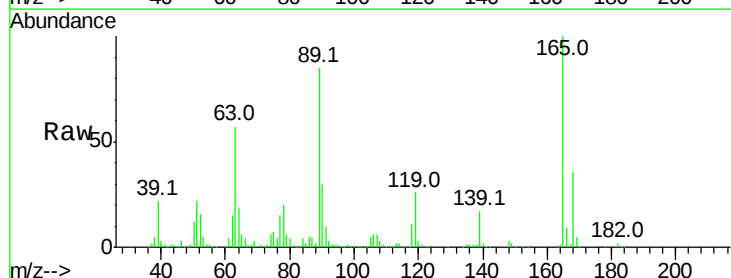
Ion Ratio Lower Upper

165 100

63 56.7 36.7 55.1#

89 85.4 61.9 92.9

182 2.1 2.0 3.0

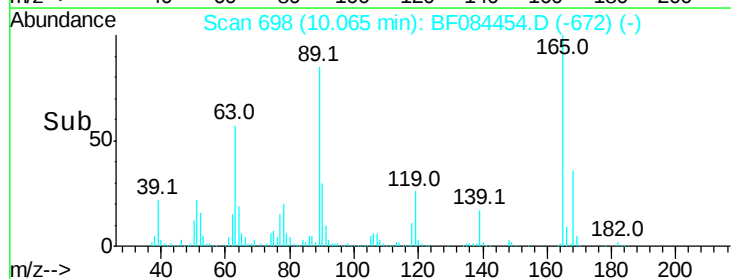
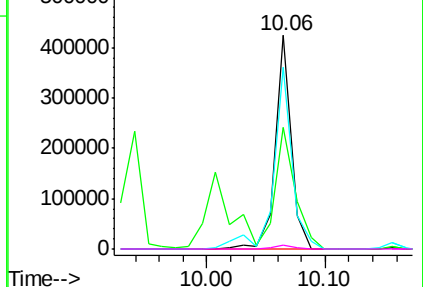


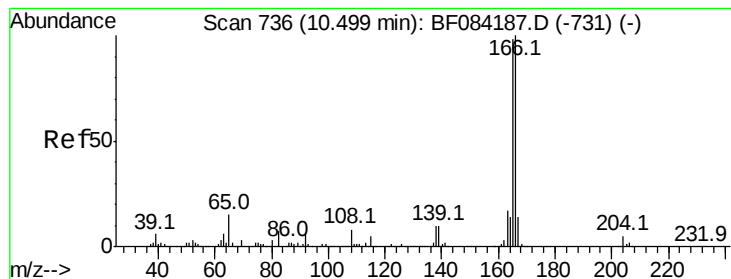
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.97 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

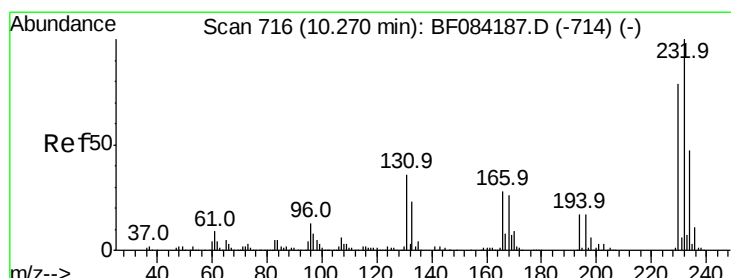
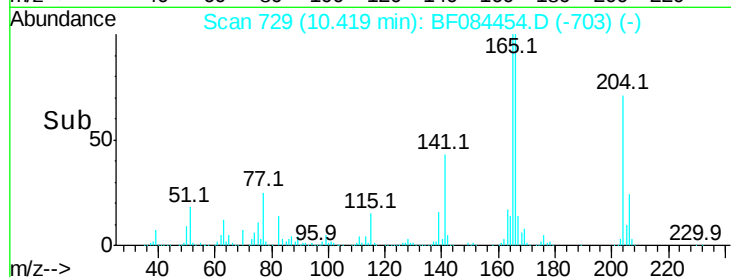
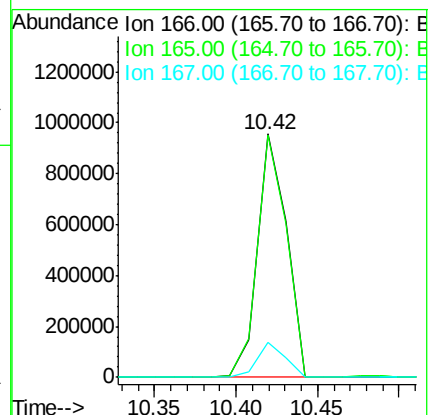
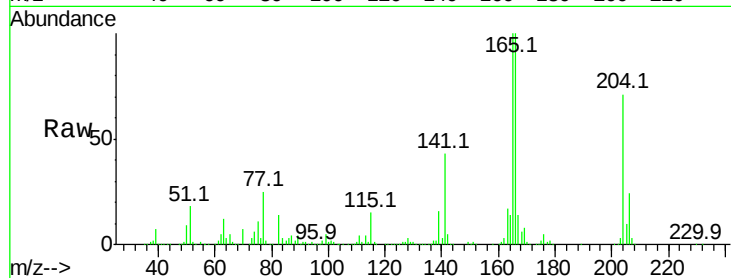
Tot Ion:166 Resp: 1187716

Ion Ratio Lower Upper

166 100

165 99.5 79.1 118.7

167 14.3 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.26 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Tgt Ion:232 Resp: 346484

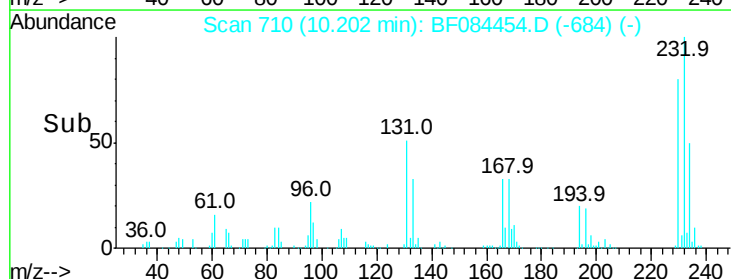
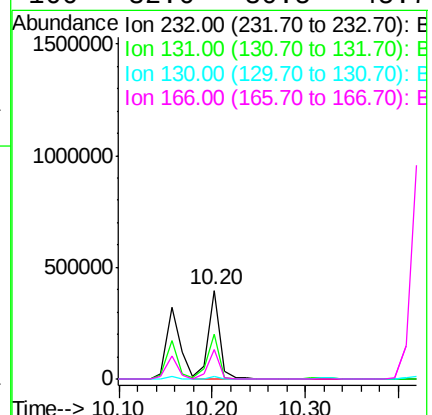
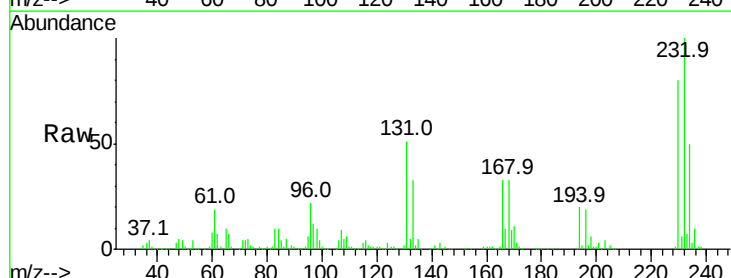
Ion Ratio Lower Upper

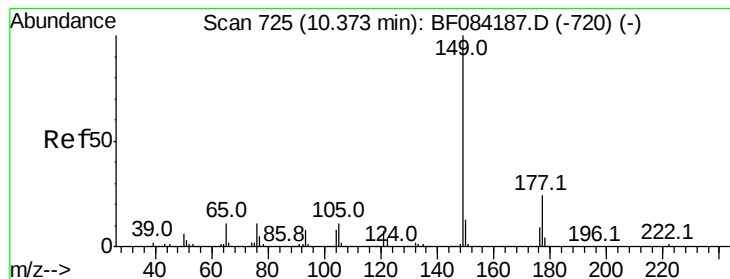
232 100

131 52.8 47.0 70.6

130 2.5 2.0 3.0

166 32.6 30.5 45.7





#59

Diethylphthalate

Concen: 45.11 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

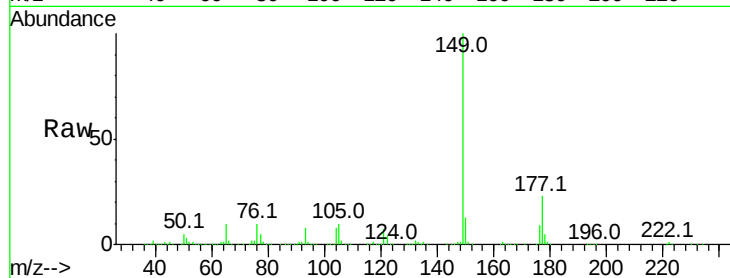
Tot Ion:149 Resp: 1446713

Ion Ratio Lower Upper

149 100

177 23.5 17.3 25.9

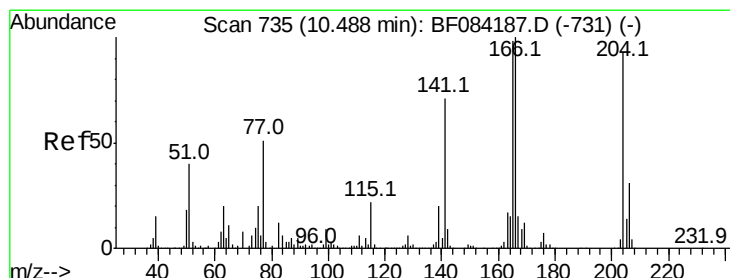
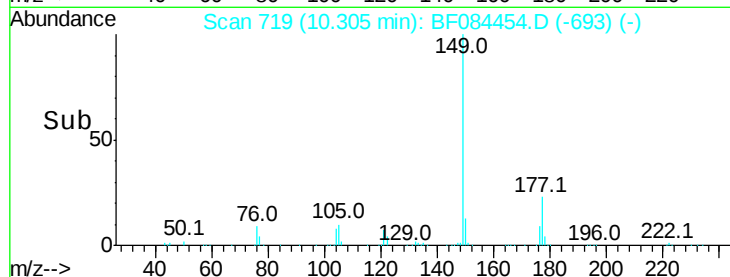
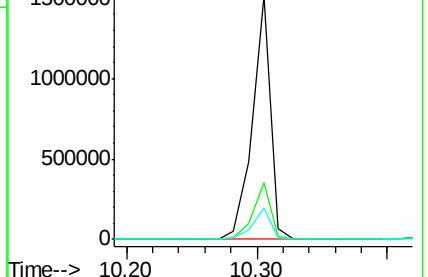
150 13.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.02 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

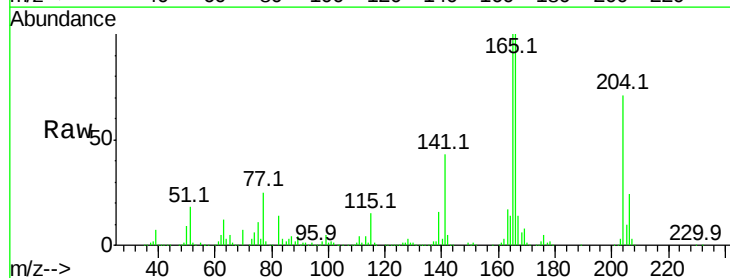
Tgt Ion:204 Resp: 613833

Ion Ratio Lower Upper

204 100

206 33.7 25.7 38.5

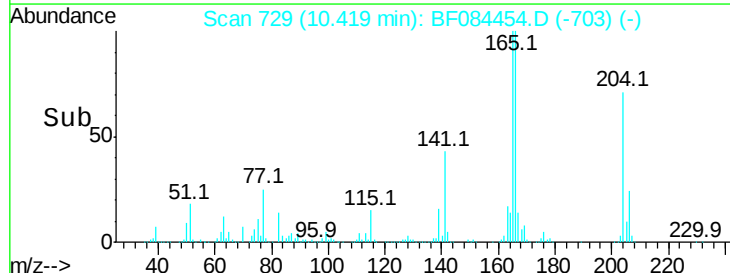
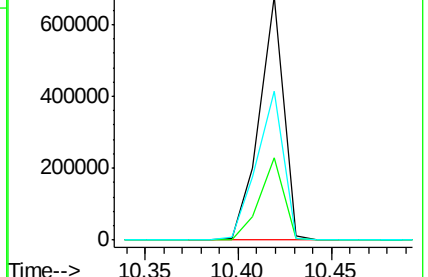
141 61.2 55.1 82.7

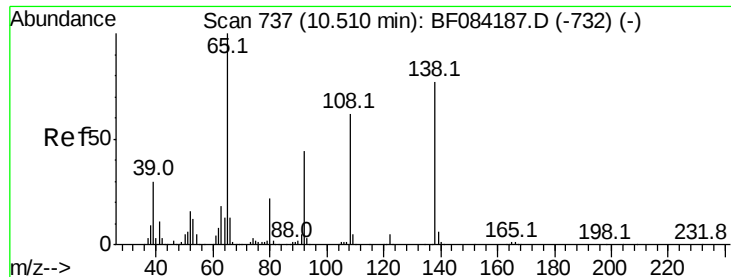


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.15 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

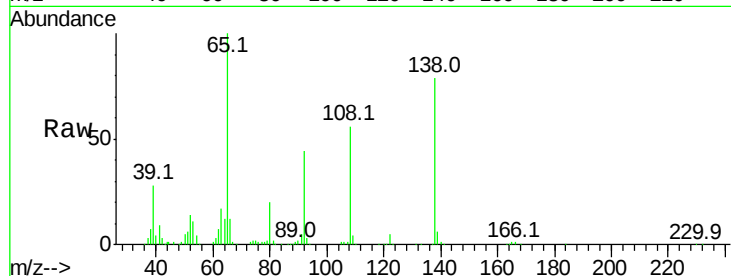
Tot Ion:138 Resp: 229660

Ion Ratio Lower Upper

138 100

92 55.4 32.6 72.6

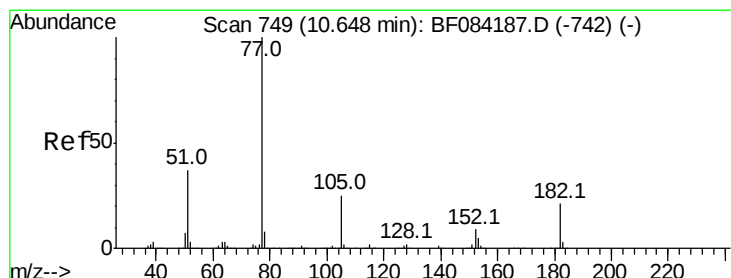
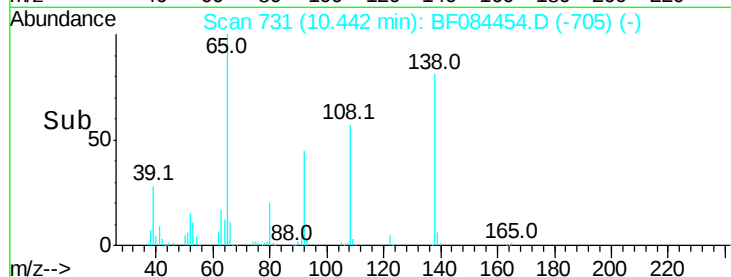
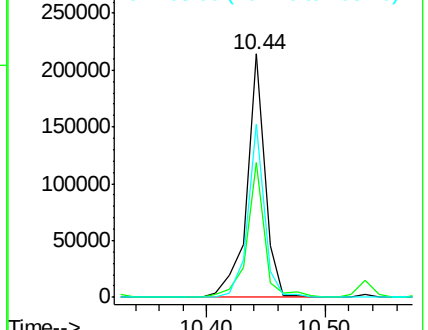
108 71.4 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.31 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Tgt Ion: 77 Resp: 1593653

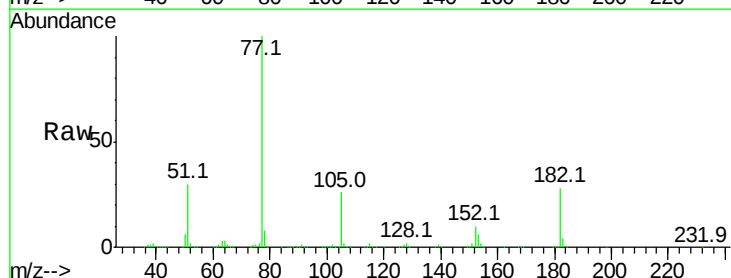
Ion Ratio Lower Upper

77 100

182 28.1 8.3 48.3

105 26.0 4.6 44.6

51 29.6 6.2 46.2

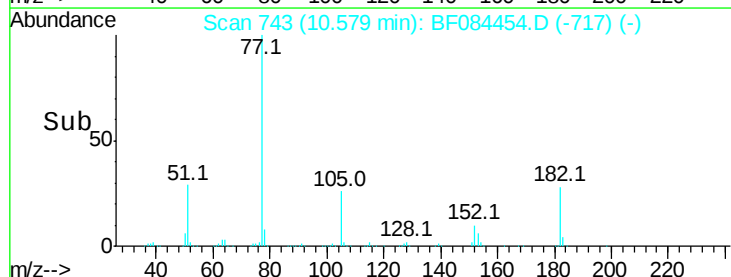
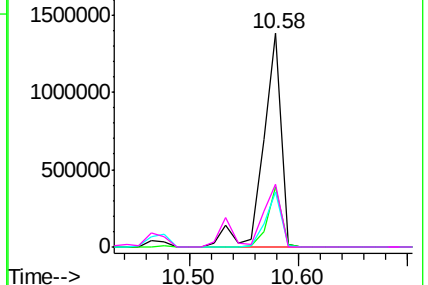


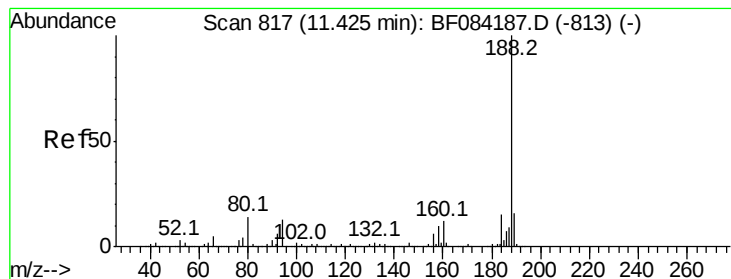
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

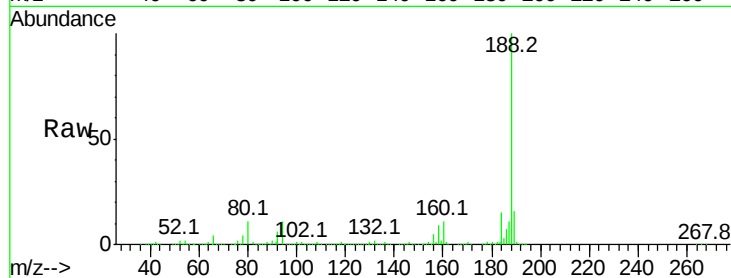
Tot Ion:188 Resp: 875357

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.4

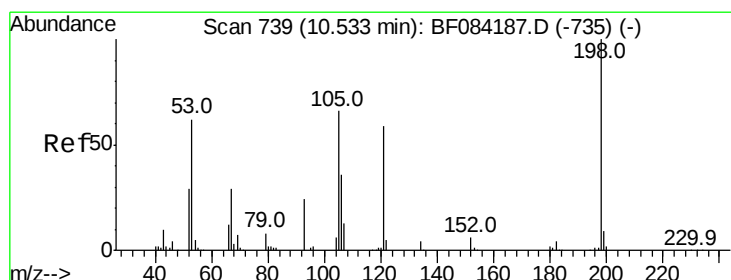
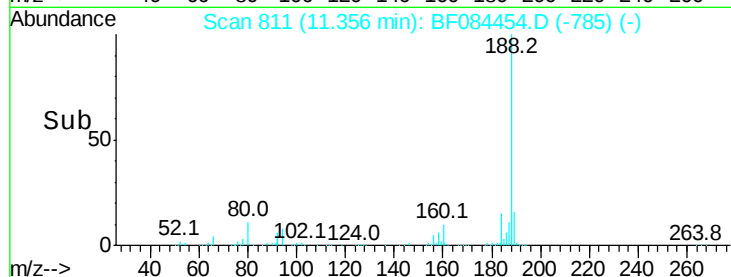
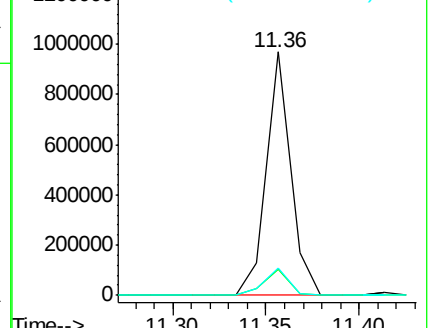
80 11.2 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.51 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

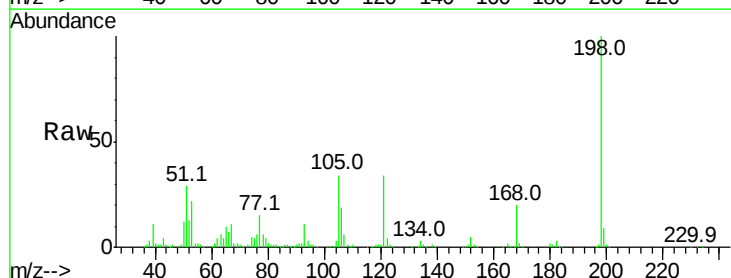
Tgt Ion:198 Resp: 242280

Ion Ratio Lower Upper

198 100

51 28.8 18.9 58.9

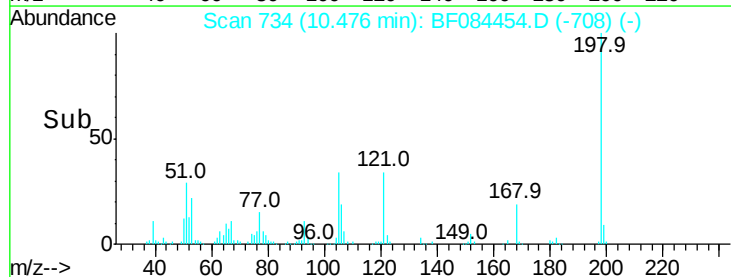
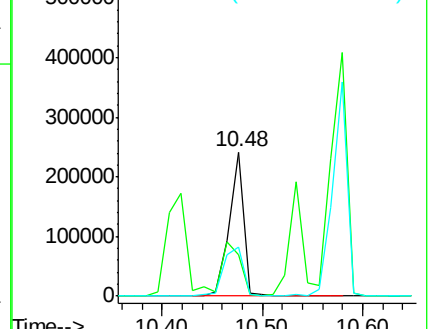
105 34.3 26.4 66.4

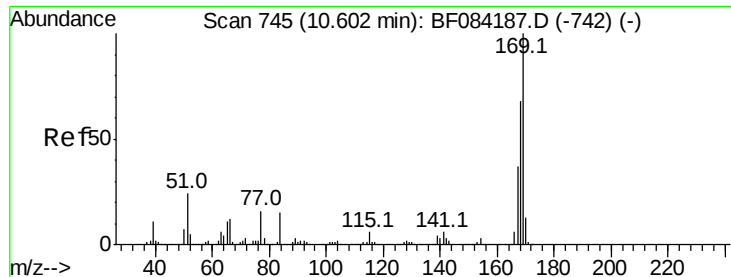


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.07 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

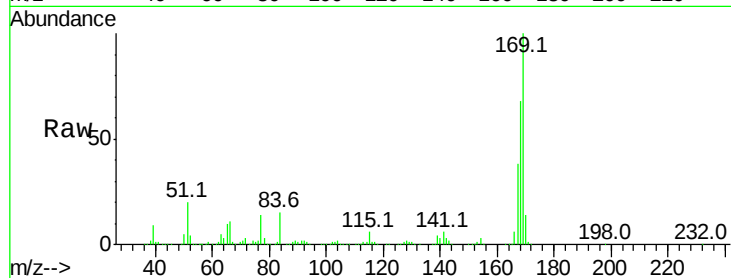
Tot Ion:169 Resp: 1037414

Ion Ratio Lower Upper

169 100

168 67.7 55.1 82.7

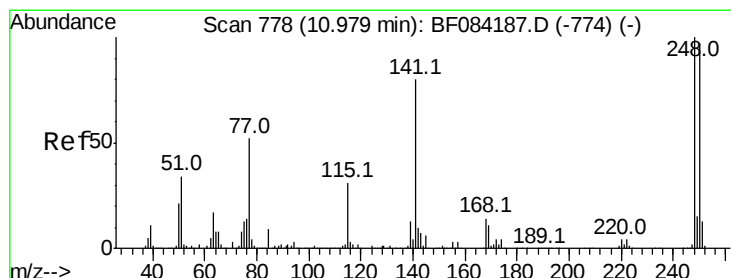
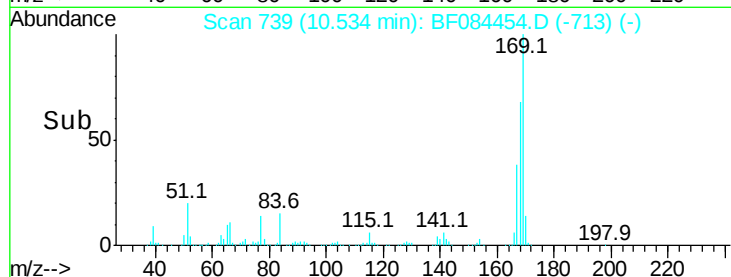
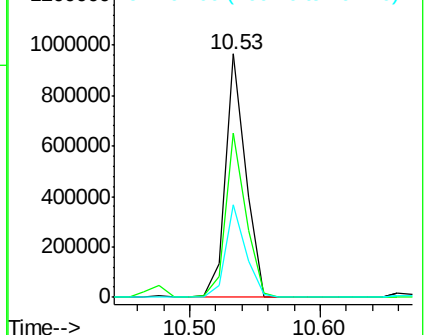
167 37.8 30.0 45.0



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: 43.07 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

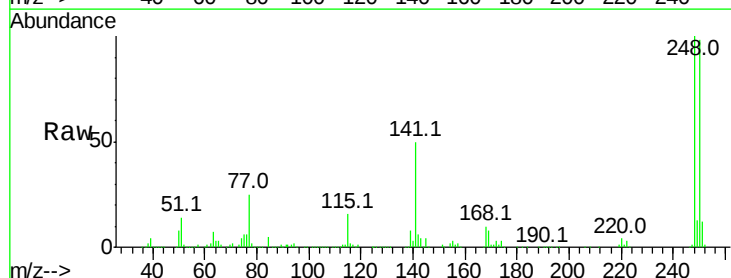
Tgt Ion:248 Resp: 405773

Ion Ratio Lower Upper

248 100

250 97.9 78.4 117.6

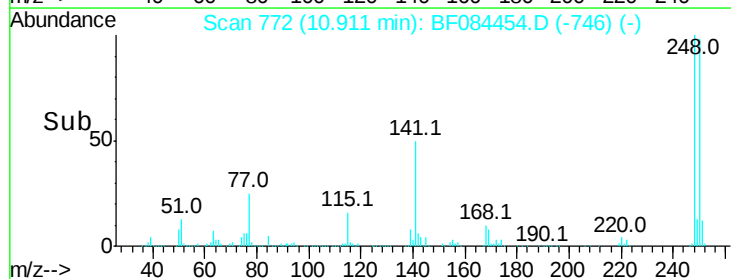
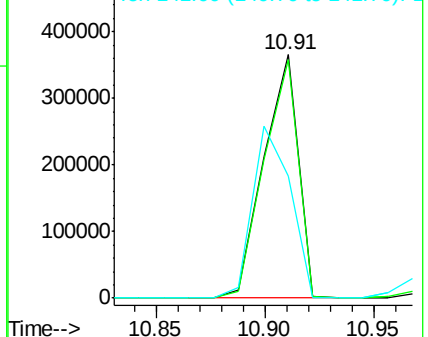
141 50.1 44.0 66.0

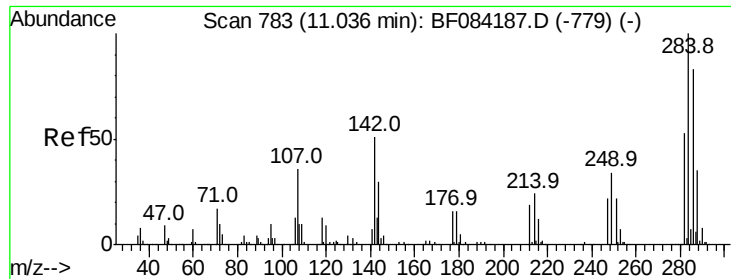


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

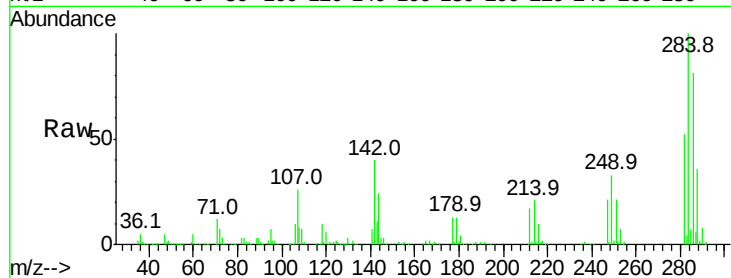




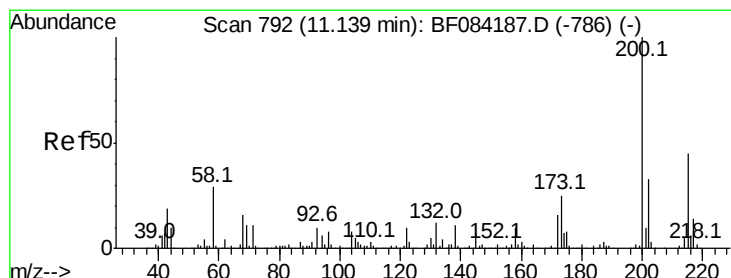
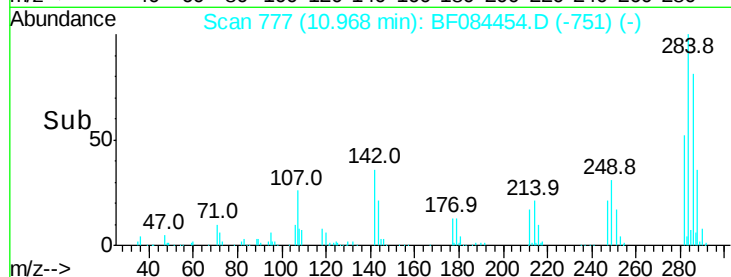
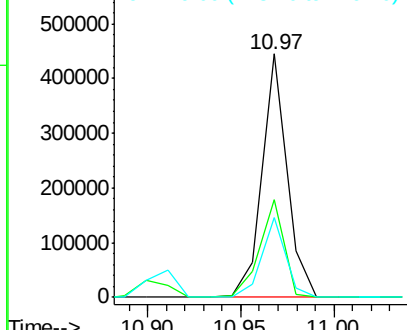
#67
Hexachlorobenzene
Concen: 38.54 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB87806BS

Tot Ion:284 Resp: 408679
Ion Ratio Lower Upper
284 100
142 40.4 22.2 33.4#
249 32.8 24.6 37.0

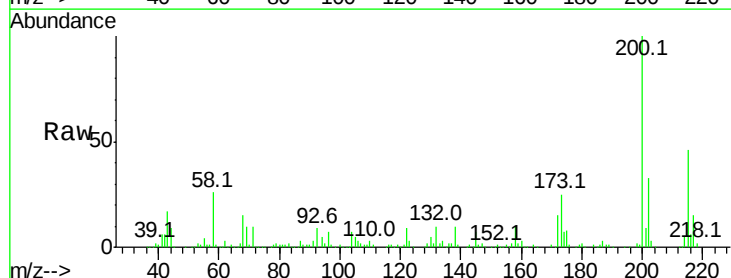


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

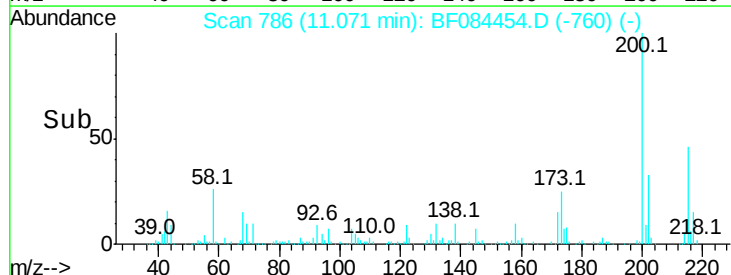
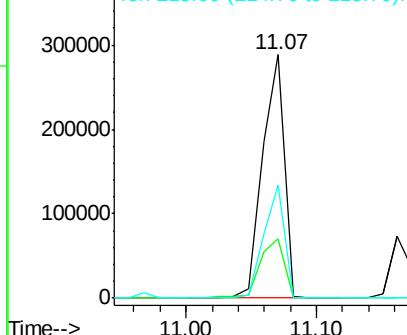


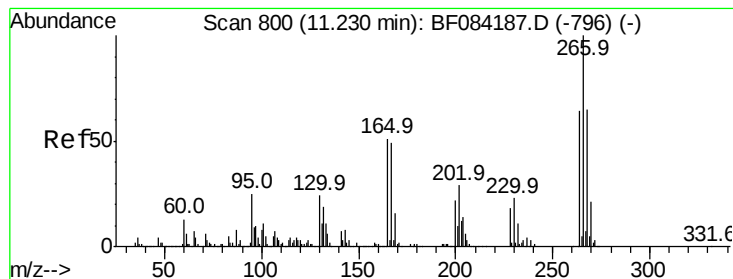
#68
Atrazine
Concen: 36.59 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Tgt Ion:200 Resp: 335153
Ion Ratio Lower Upper
200 100
173 24.5 9.5 49.5
215 46.4 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: 74.44 ng

RT: 11.16 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

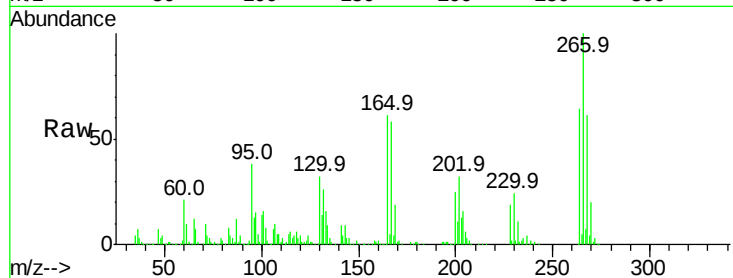
Tot Ion:266 Resp: 409310

Ion Ratio Lower Upper

266 100

268 61.2 52.4 78.6

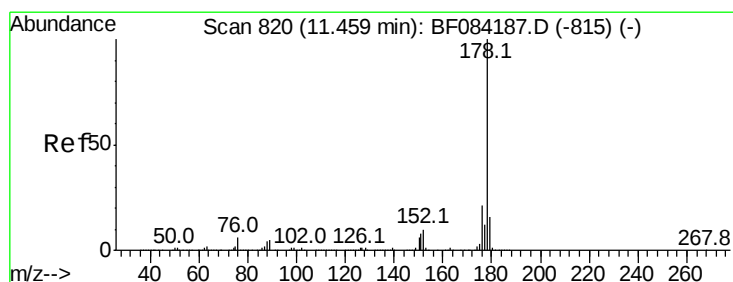
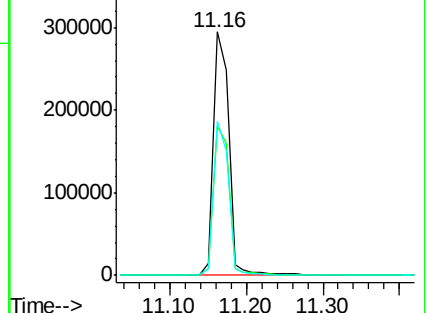
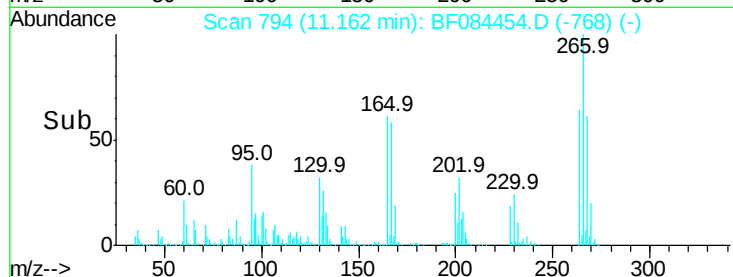
264 63.5 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.09 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

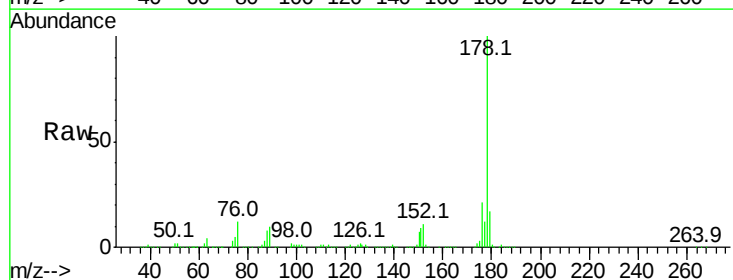
Tgt Ion:178 Resp: 1835779

Ion Ratio Lower Upper

178 100

176 20.8 15.3 22.9

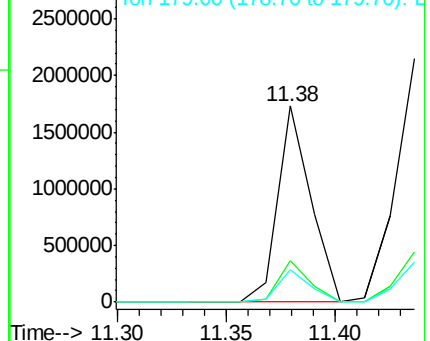
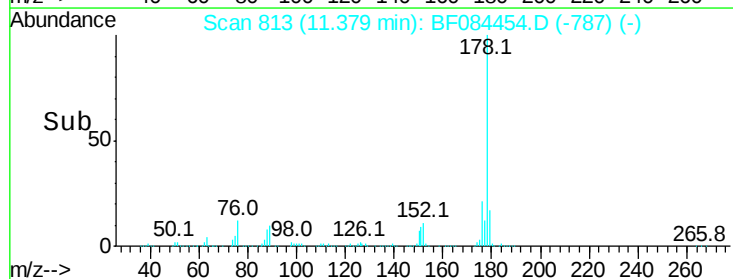
179 16.6 12.0 18.0

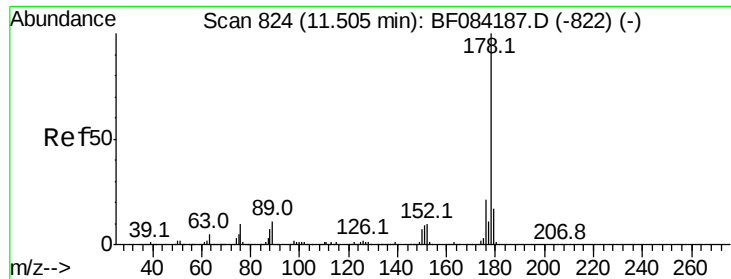


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

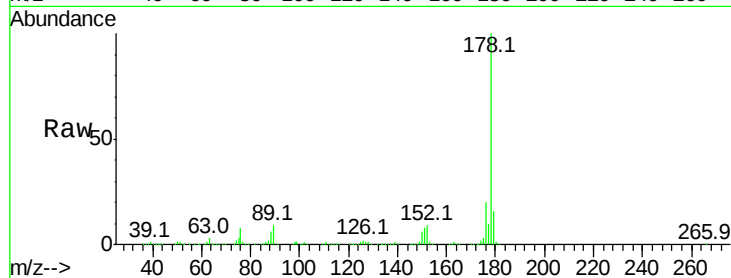




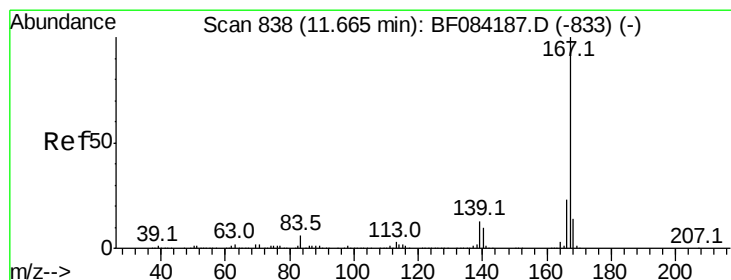
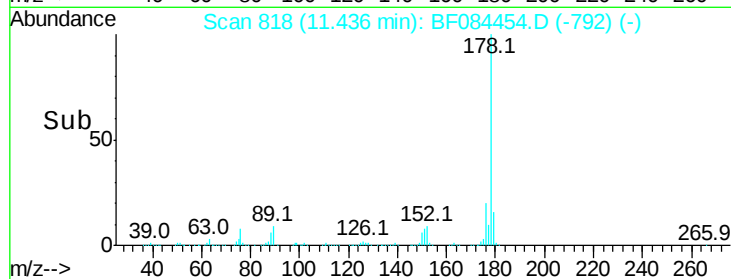
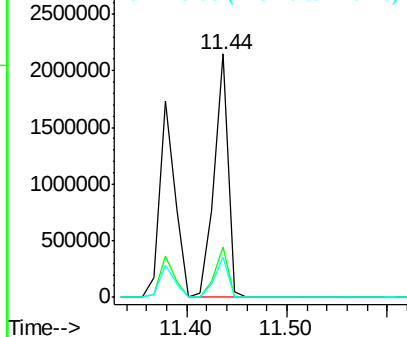
#71
 Anthracene
 Concen: 45.89 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BS

Tot Ion:178 Resp: 2059728
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.0
 179 16.5 12.5 18.7

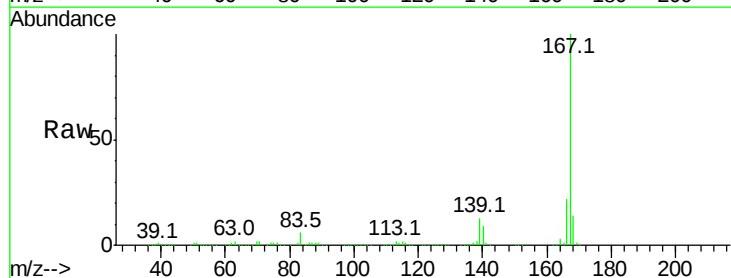


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

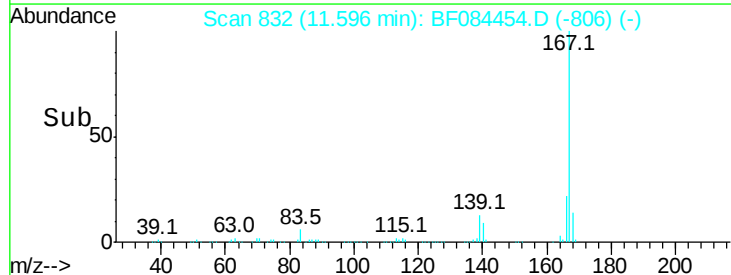
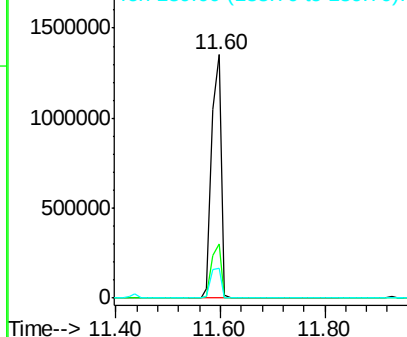


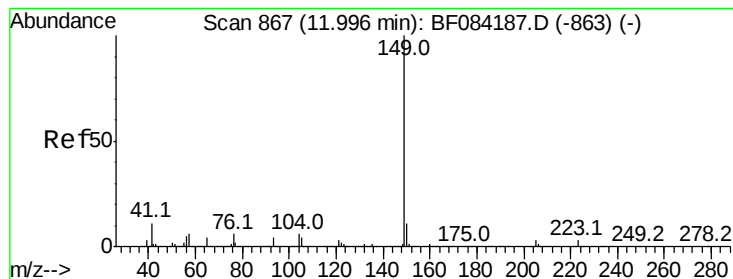
#72
 Carbazole
 Concen: 38.99 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF084454.D
 Acq: 13 Jan 2016 21:08

Tgt Ion:167 Resp: 1710762
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.5 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: 49.09 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

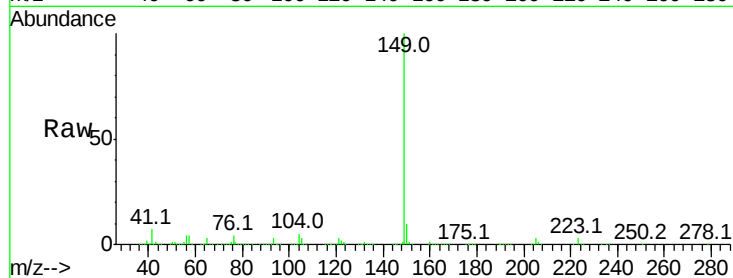
Tot Ion:149 Resp: 2237615

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

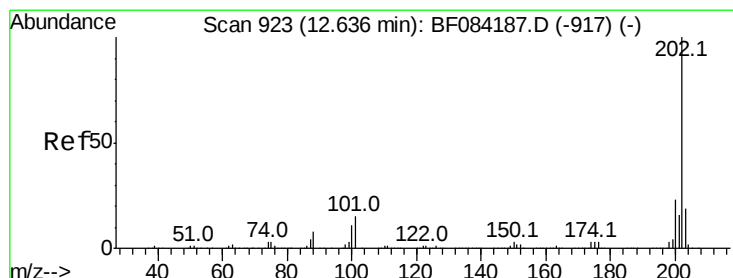
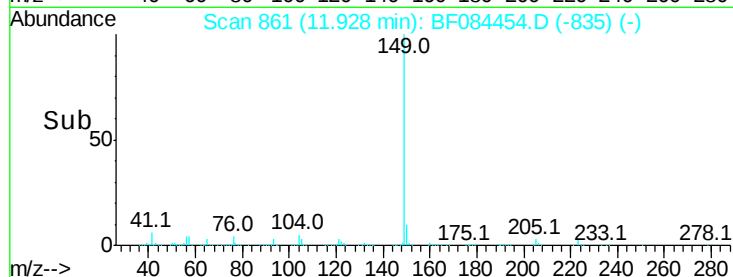
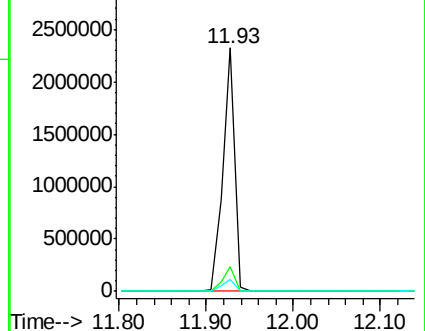
104 4.9 3.2 4.8#



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: 40.53 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

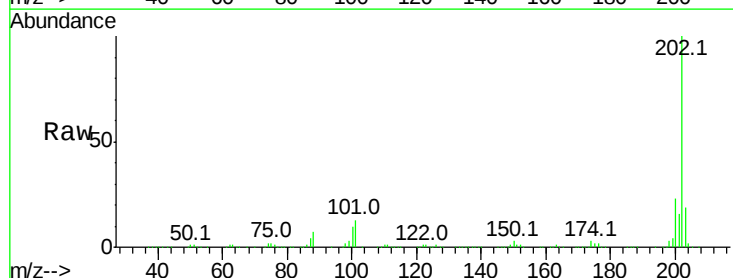
Tgt Ion:202 Resp: 1938409

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.8

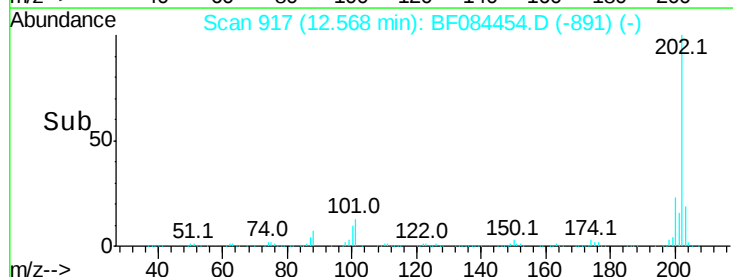
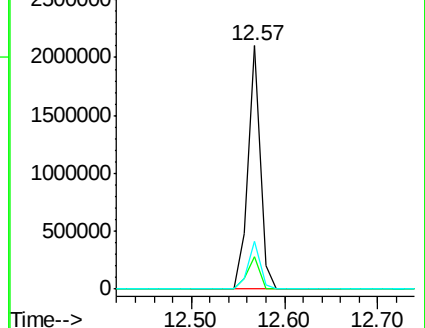
203 19.4 0.0 37.9

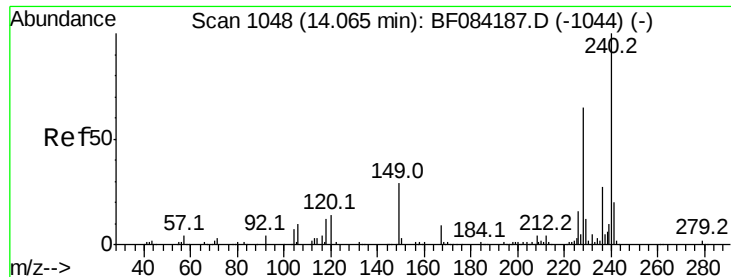


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampled :

PB87806BS

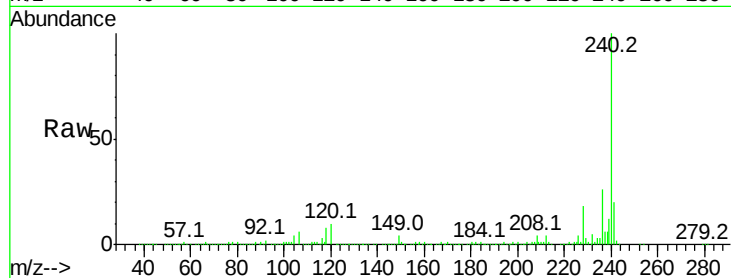
Tot Ion:240 Resp: 715290

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

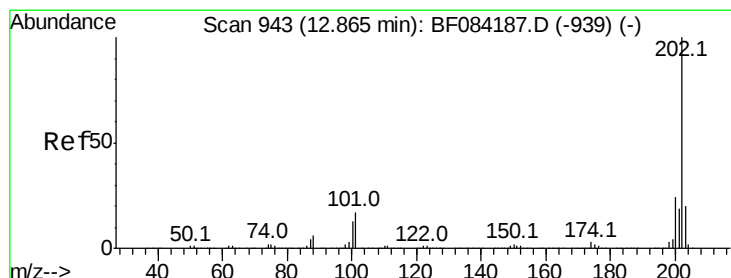
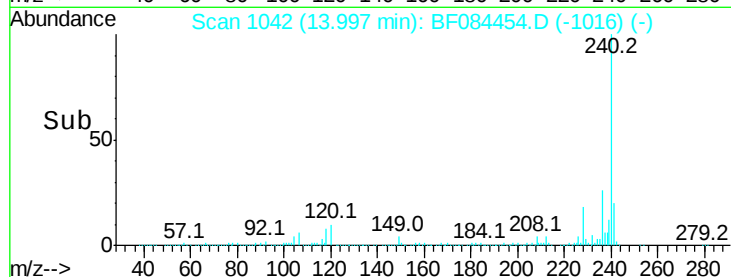
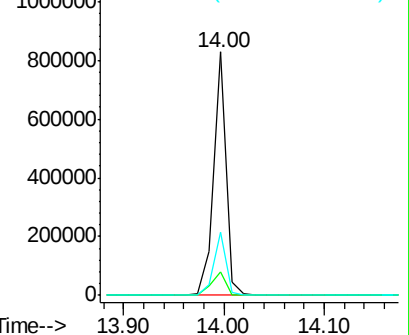
236 26.0 20.6 31.0



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



#77

Pyrene

Concen: 35.62 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

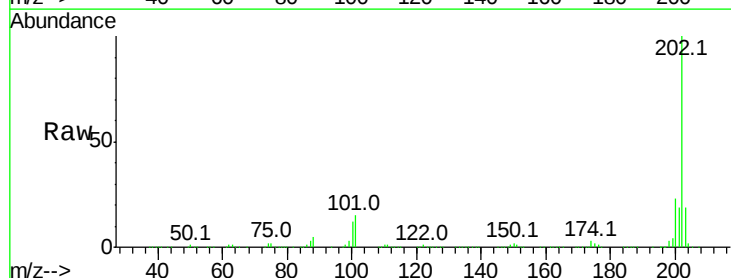
Tgt Ion:202 Resp: 1999528

Ion Ratio Lower Upper

202 100

200 23.0 17.2 25.8

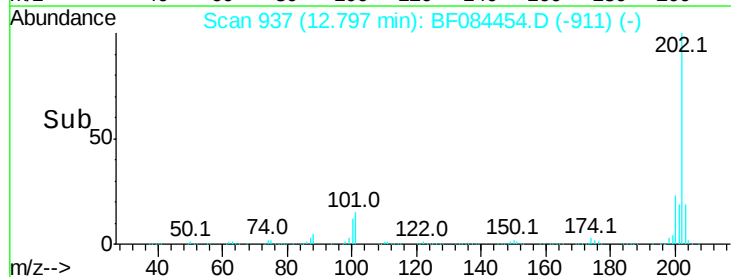
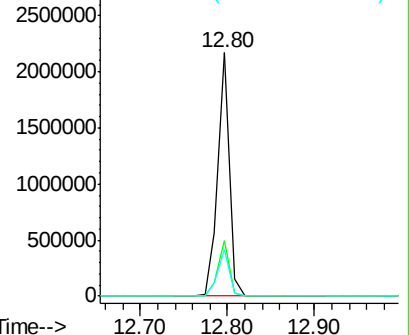
203 19.1 14.3 21.5

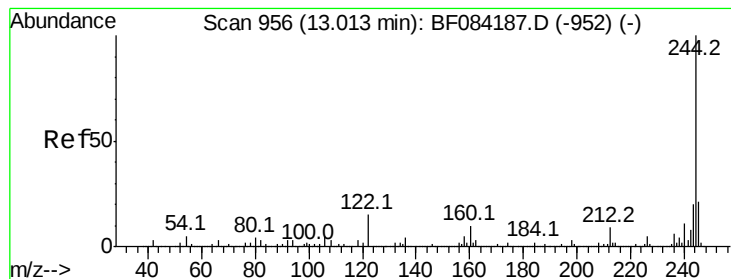


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.32 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

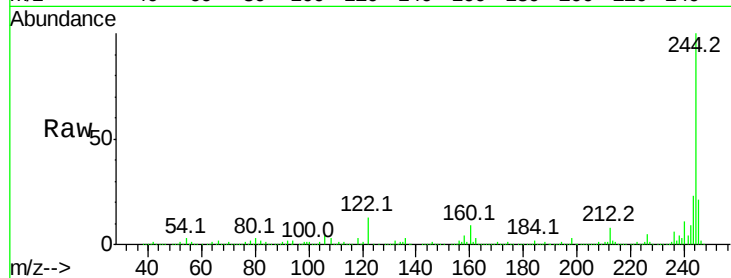
Tot Ion:244 Resp: 2253497

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

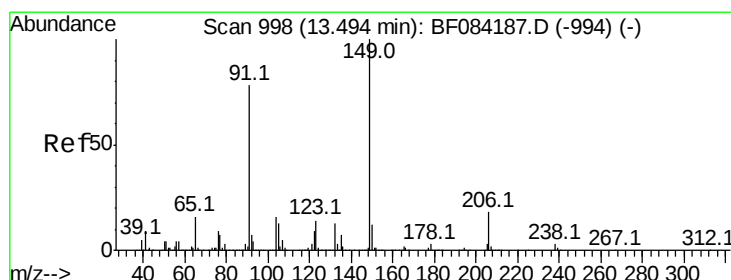
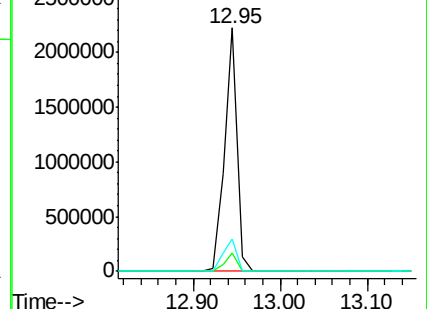
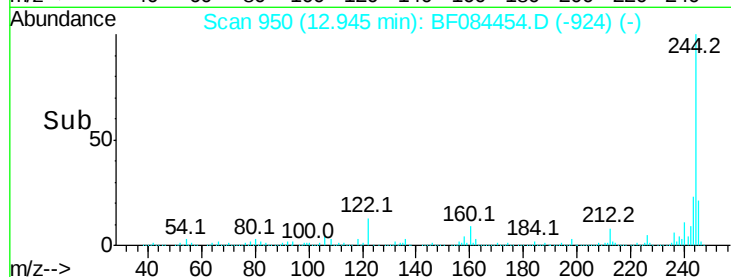
122 13.1 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 39.60 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

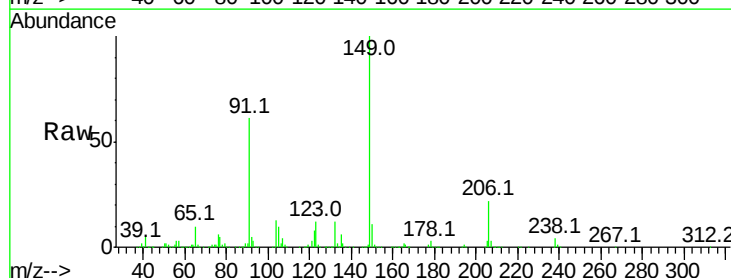
Tgt Ion:149 Resp: 961974

Ion Ratio Lower Upper

149 100

91 60.8 57.6 86.4

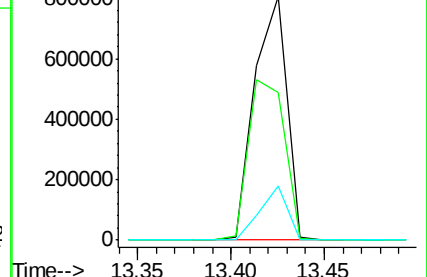
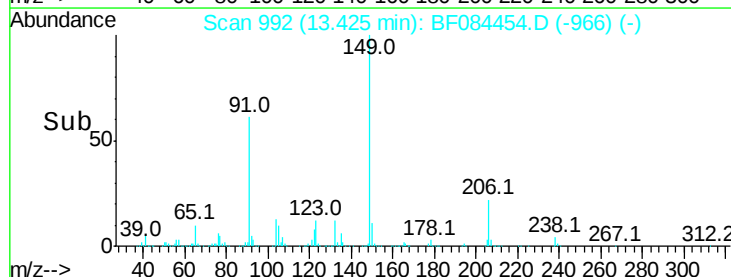
206 22.2 13.2 19.8#

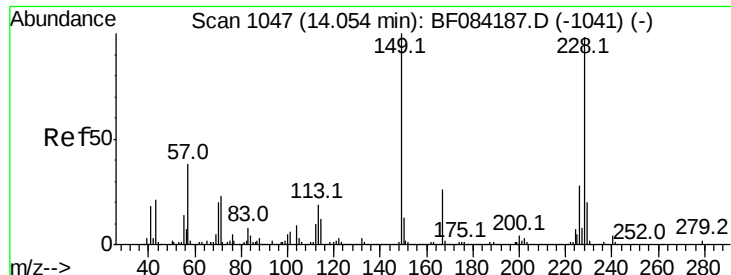


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

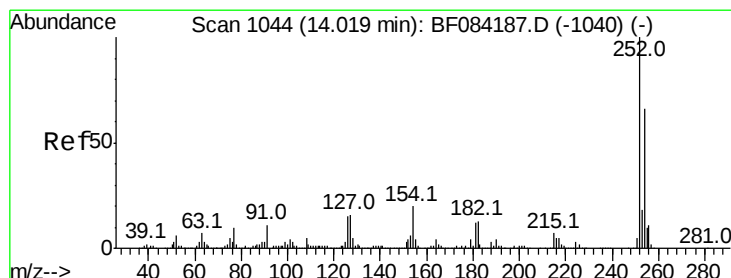
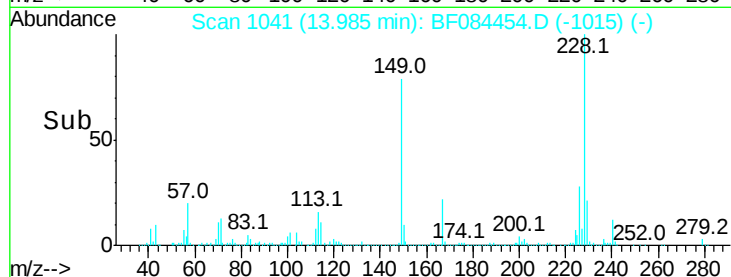
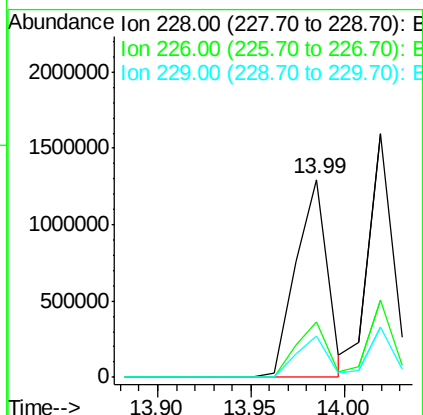
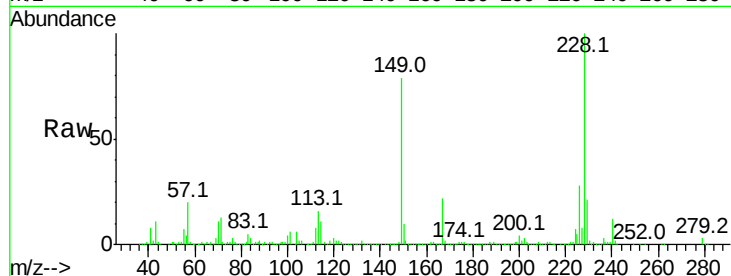




#80
Benzo(a)anthracene
Concen: 36.44 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

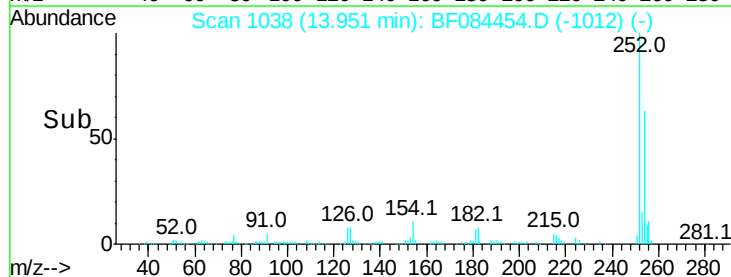
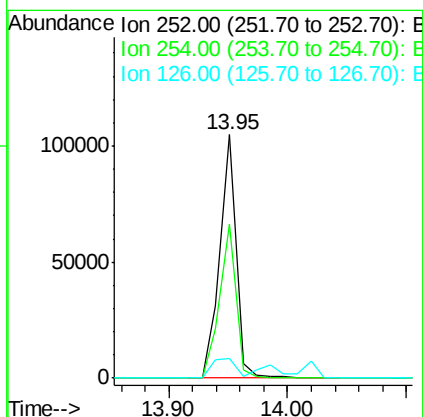
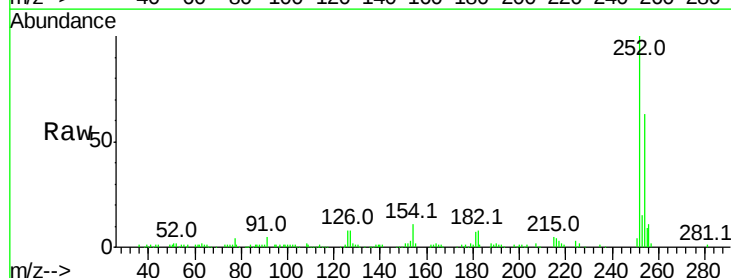
Instrument :
BNA_F
ClientSampleId :
PB87806BS

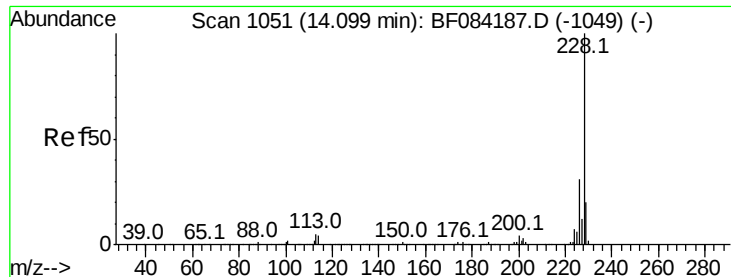
Tot Ion:228 Resp: 1530557
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.6
229 20.6 15.8 23.8



#81
3,3'-Dichlorobenzidine
Concen: 6.80 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Tgt Ion:252 Resp: 99747
Ion Ratio Lower Upper
252 100
254 63.2 53.5 80.3
126 8.0 4.9 7.3#





#82

Chrysene

Concen: 36.27 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

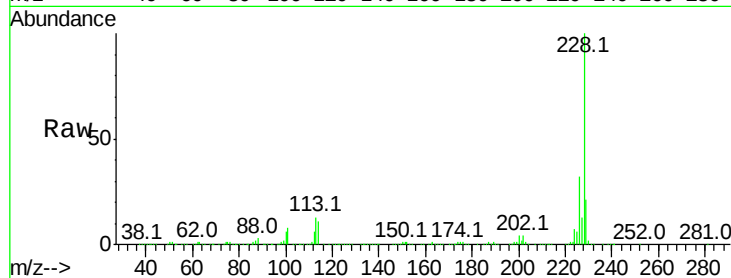
BNA_F

ClientSampleId :

PB87806BS

Tot Ion:228 Resp: 1463905

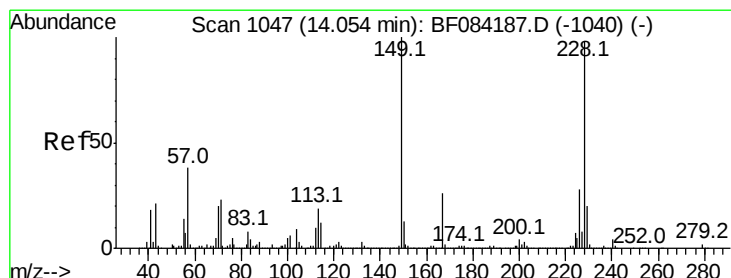
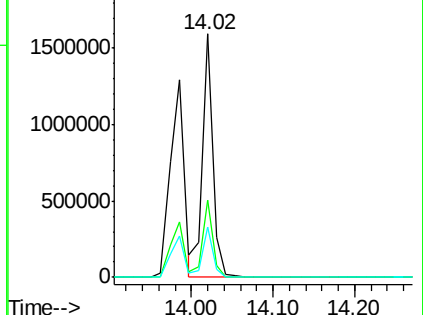
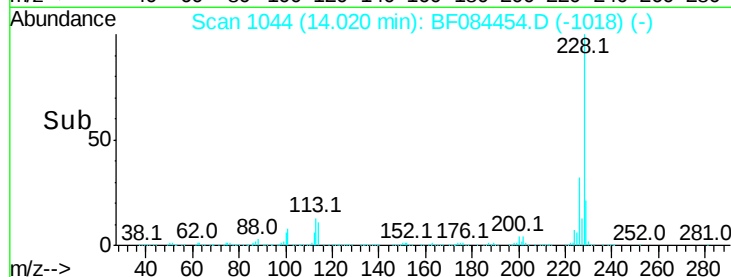
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	20.8	16.1	24.1



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: 37.21 ng

RT: 13.99 min Scan# 1041

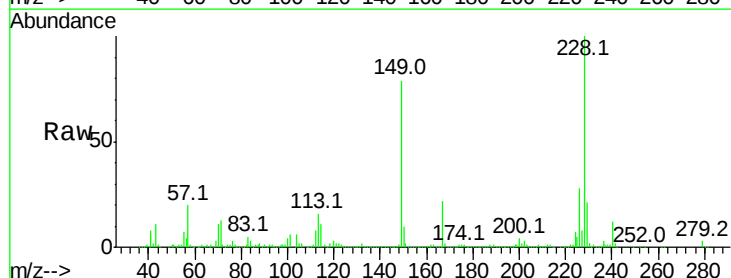
Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Tgt Ion:149 Resp: 1141721

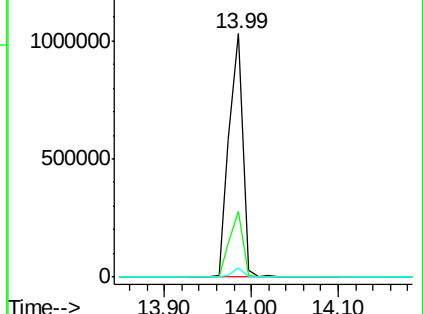
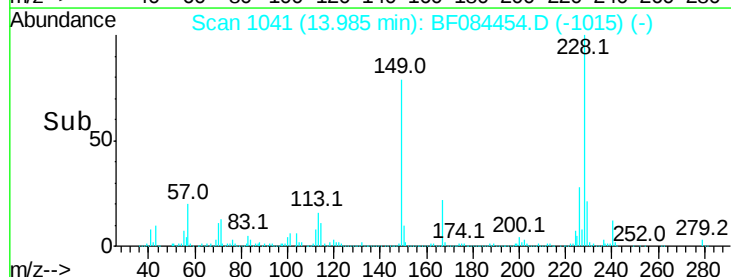
Ion	Ratio	Lower	Upper
149	100		
167	27.2	19.7	29.5
279	3.7	1.8	2.6#

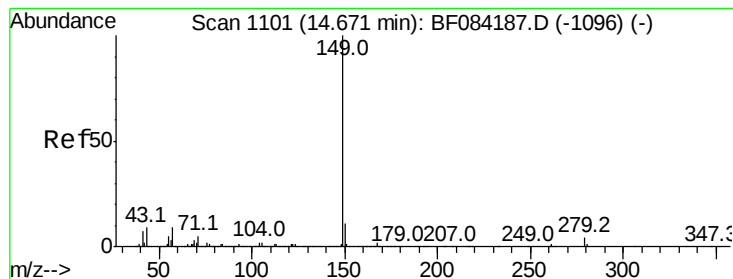


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 35.87 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB87806BS

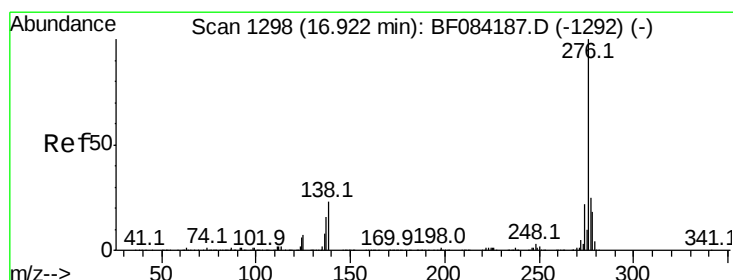
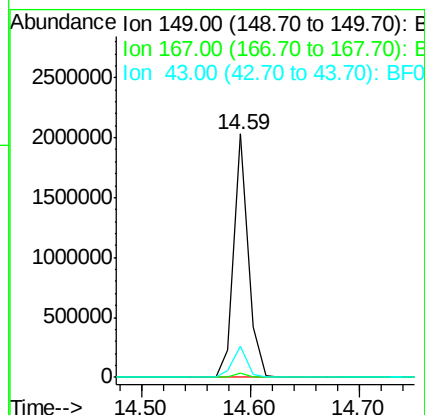
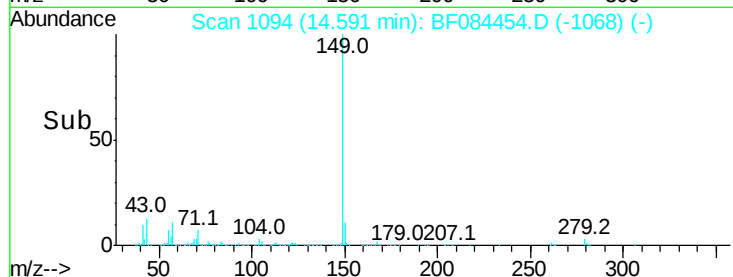
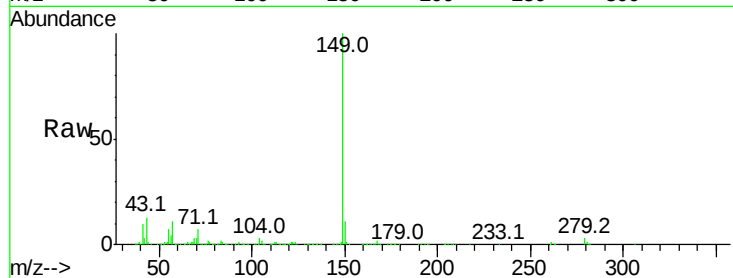
Tot Ion:149 Resp: 1858524

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.4	5.6	8.4

149 100

167 1.6 1.2 1.8

43 12.4 5.6 8.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.48 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

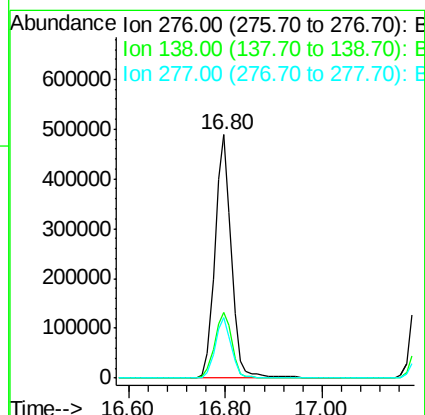
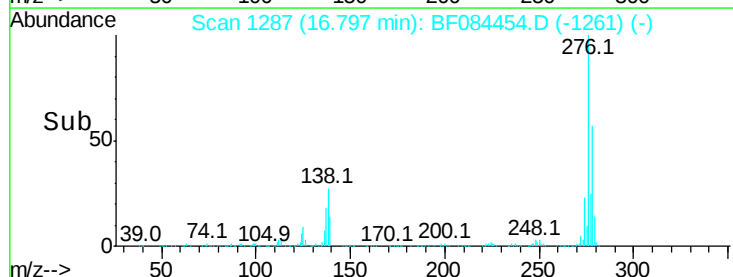
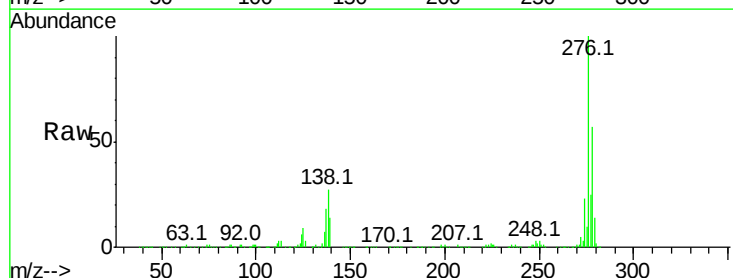
Tgt Ion:276 Resp: 1167026

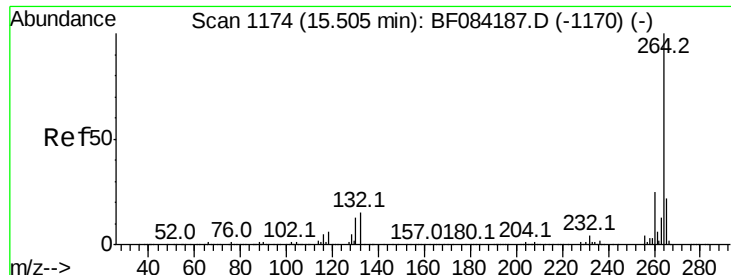
Ion	Ratio	Lower	Upper
276	100		
138	28.9	20.6	30.8
277	24.9	20.1	30.1

276 100

138 28.9 20.6 30.8

277 24.9 20.1 30.1

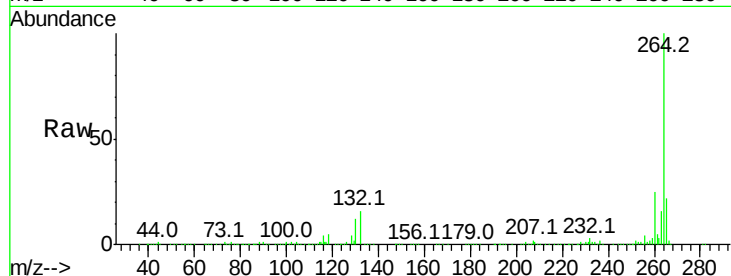




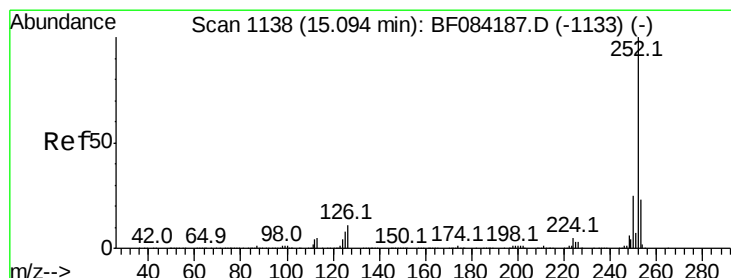
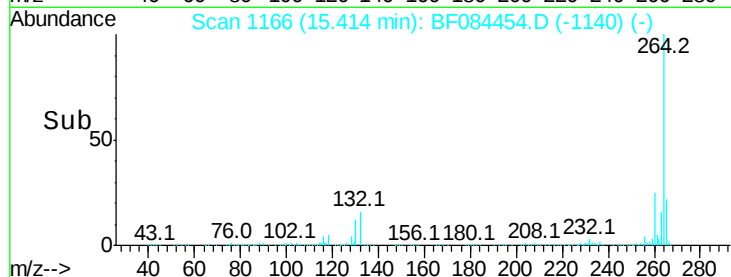
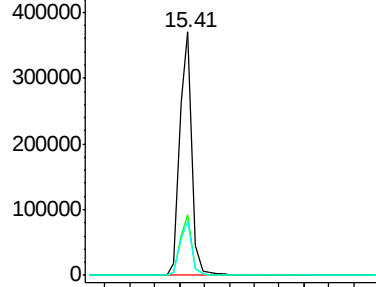
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB87806BS

Tot Ion:264 Resp: 493716
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.3 17.8 26.6

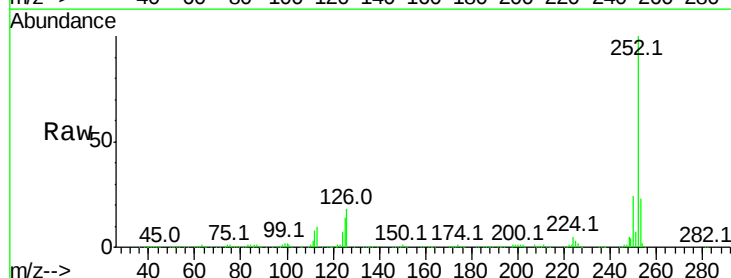


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

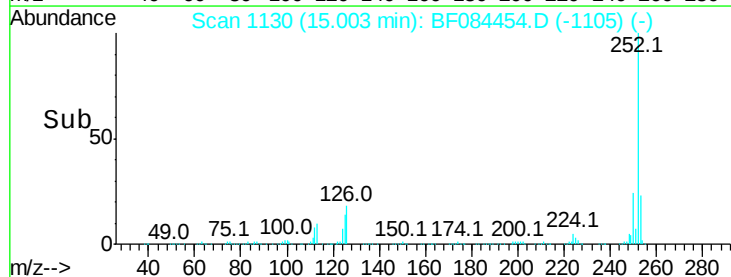
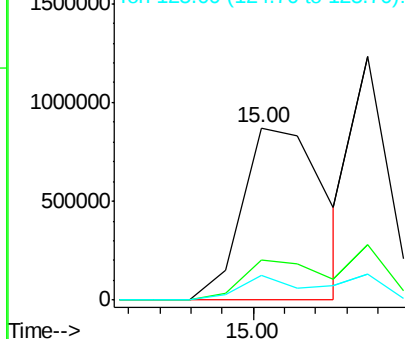


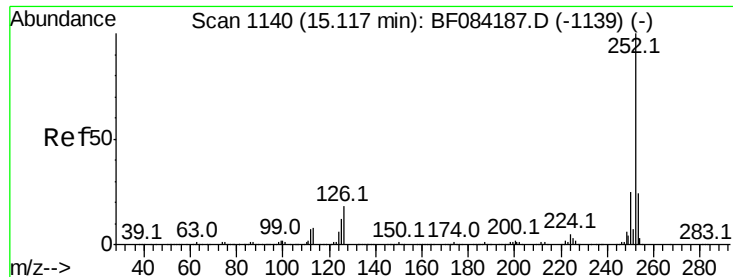
#87
Benzo(b)fluoranthene
Concen: 49.40 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Tgt Ion:252 Resp: 1595427
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 14.1 6.5 9.7#



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

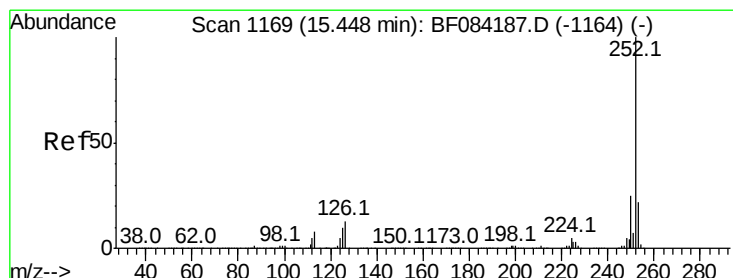
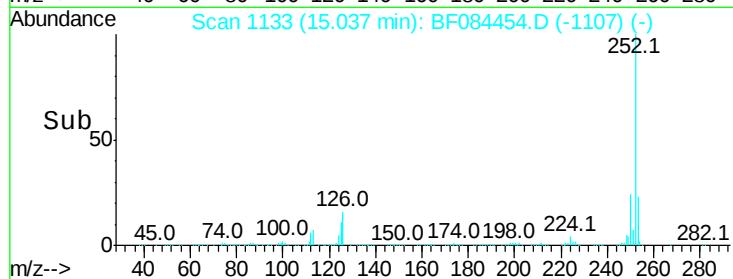
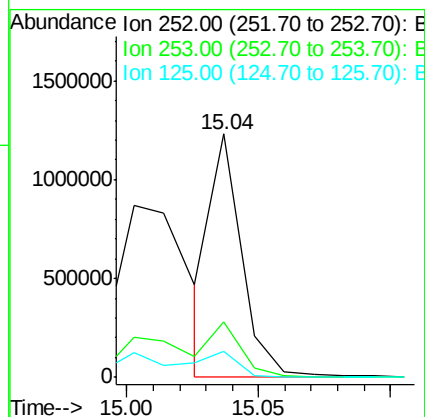
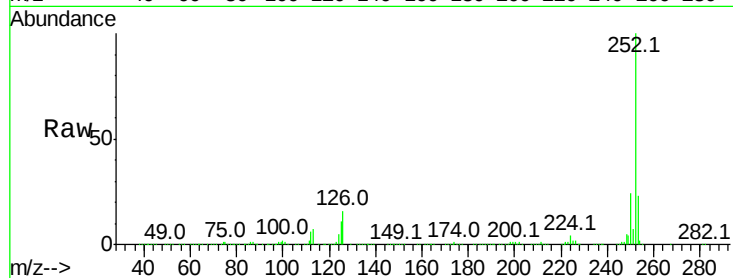




#88
Benzo(k)fluoranthene
Concen: 38.65 ng m
RT: 15.04 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

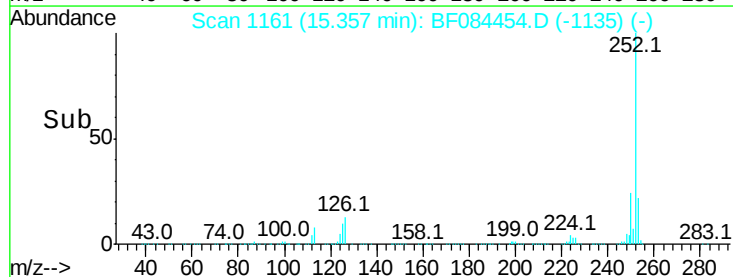
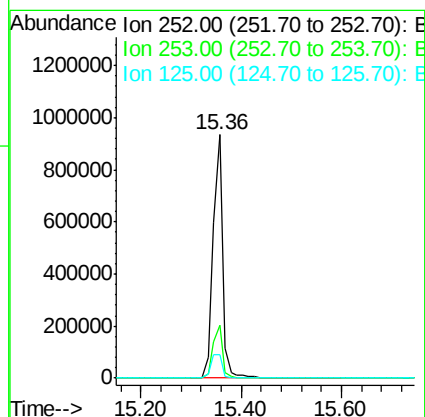
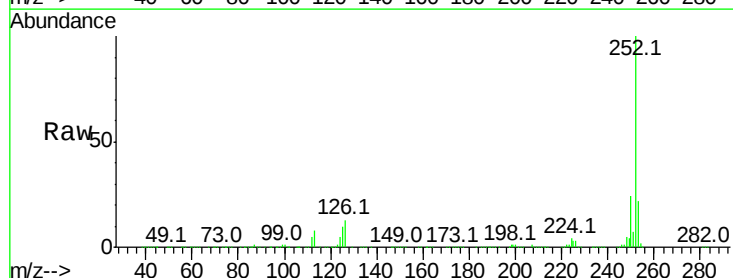
Instrument :
BNA_F
ClientSampleId :
PB87806BS

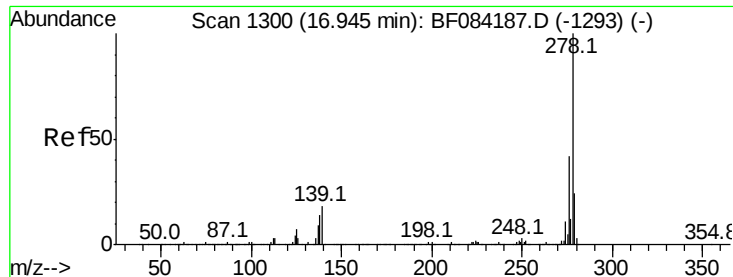
Tot Ion:252 Resp: 1020968
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.9 9.0 13.6



#89
Benzo(a)pyrene
Concen: 44.84 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF084454.D
Acq: 13 Jan 2016 21:08

Tgt Ion:252 Resp: 1228224
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.7 7.0 10.4





#90

Dibenzo(a,h)anthracene

Concen: 41.34 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Instrument :

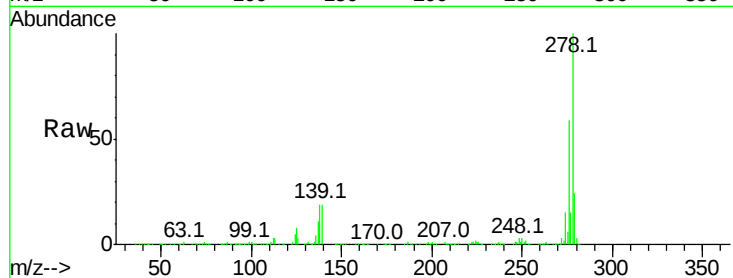
BNA_F

ClientSampleId :

PB87806BS

Tot Ion:278 Resp: 974359

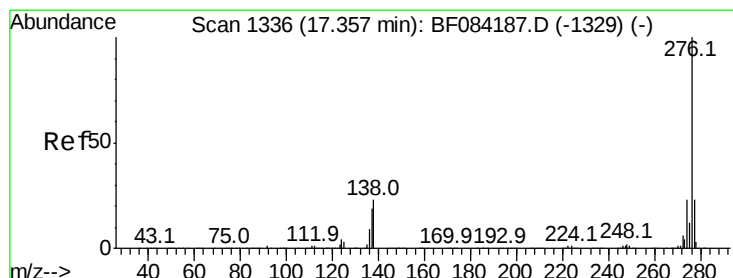
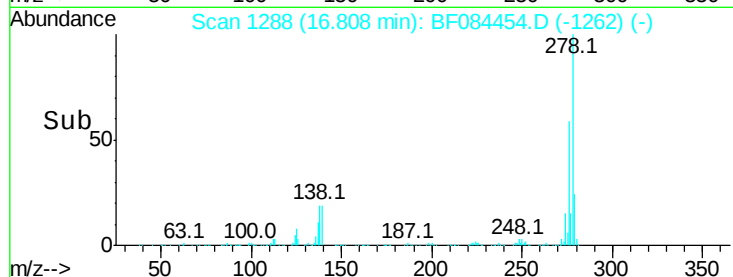
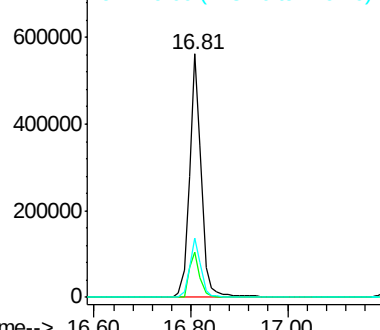
Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.0	22.4
279	24.2	18.9	28.3



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: 40.99 ng

RT: 17.21 min Scan# 1323

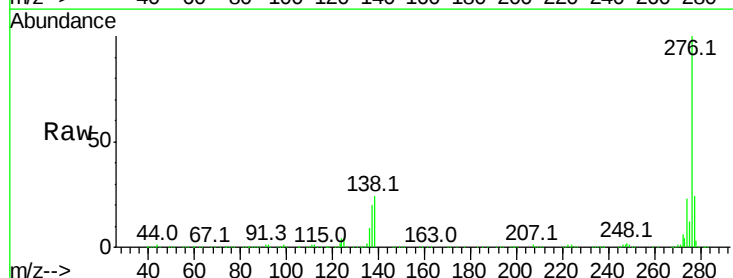
Delta R.T. -0.01 min

Lab File: BF084454.D

Acq: 13 Jan 2016 21:08

Tgt Ion:276 Resp: 1000523

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.8	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

