

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084284.D
 Acq On : 6 Jan 2016 12:37
 Operator : SJ/UM
 Sample : G4986-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

Quant Time: Jan 07 00:03:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260332	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1103343	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	504892	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	927711	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	824224	20.00	ng	-0.03
86) Perylene-d12	15.45	264	686343	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1613288	100.24	ng	-0.01
7) Phenol-d6	6.51	99	2098020	103.79	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1289336	65.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	531825	104.33	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1877322	63.83	ng	-0.03
78) Terphenyl-d14	12.98	244	1859213	50.35	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	214050	28.07	ng	# 75
3) Pyridine	3.26	79	211692	9.96	ng	# 72
4) n-Nitrosodimethylamine	3.18	42	349824	32.06	ng	79
6) Aniline	6.53	93	446970	15.12	ng	# 85
8) 2-Chlorophenol	6.66	128	661223	36.21	ng	97
9) Benzaldehyde	6.41	77	289817	22.02	ng	92
10) Phenol	6.52	94	666826	29.01	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	627971	35.27	ng	95
12) 1,3-Dichlorobenzene	6.81	146	637189	33.83	ng	# 94
13) 1,4-Dichlorobenzene	6.89	146	663777	35.14	ng	95
14) 1,2-Dichlorobenzene	7.04	146	557505	30.82	ng	94
15) Benzyl Alcohol	7.01	79	540512	31.79	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1018930	31.43	ng	84
17) 2-Methylphenol	7.14	107	517656	33.82	ng	96
18) Hexachloroethane	7.38	117	240201	31.80	ng	# 91
19) n-Nitroso-di-n-propylamine	7.29	70	440232	32.17	ng	# 72
20) 3+4-Methylphenols	7.29	107	615271	34.20	ng	# 69
22) Acetophenone	7.28	105	875173	32.99	ng	# 91
24) Nitrobenzene	7.46	77	724858	36.05	ng	90
25) Isophorone	7.70	82	1282776	33.83	ng	96
26) 2-Nitrophenol	7.77	139	316906	34.63	ng	# 77
27) 2,4-Dimethylphenol	7.81	122	529580	28.59	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	748055	32.30	ng	99
29) 2,4-Dichlorophenol	8.02	162	567759	36.80	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	568287	35.68	ng	# 95
31) Naphthalene	8.18	128	1786215	35.68	ng	99
32) Benzoic acid	7.87	122	37860	9.01	ng	94
33) 4-Chloroaniline	8.22	127	327302	14.26	ng	99
34) Hexachlorobutadiene	8.29	225	295421	32.26	ng	100
35) Caprolactam	8.62	113	54236	10.43	ng	# 52
36) 4-Chloro-3-methylphenol	8.72	107	620632	35.91	ng	99
37) 2-Methylnaphthalene	8.86	142	1104176	30.73	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	517158	35.63	ng	99
40) Hexachlorocyclopentadiene	9.02	237	624572	71.28	ng	99

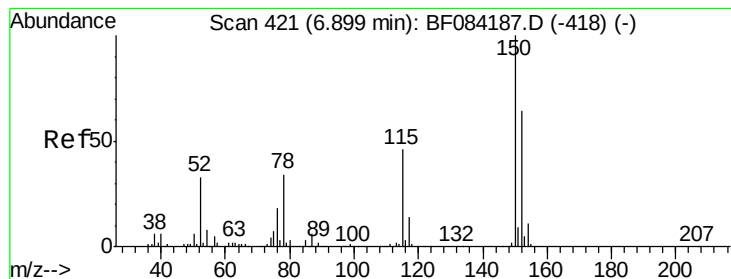
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	367460	33.84	ng	91
43) 2,4,5-Trichlorophenol	9.18	196	355169	34.12	ng #	84
45) 1,1'-Biphenyl	9.33	154	1466205	36.54	ng	99
46) 2-Chloronaphthalene	9.36	162	1092724	34.67	ng	93
47) 2-Nitroaniline	9.45	65	352632	33.90	ng	94
48) Acenaphthylene	9.77	152	1554453	33.38	ng	97
49) Dimethylphthalate	9.64	163	2112613	58.53	ng #	91
50) 2,6-Dinitrotoluene	9.70	165	315346	39.83	ng #	86
51) Acenaphthene	9.94	154	1060725	33.96	ng	97
52) 3-Nitroaniline	9.86	138	232955	23.75	ng	98
53) 2,4-Dinitrophenol	9.96	184	157739	48.25	ng #	69
54) Dibenzofuran	10.11	168	1385226	33.48	ng	90
55) 4-Nitrophenol	10.04	139	516530	72.54	ng #	77
56) 2,4-Dinitrotoluene	10.10	165	427521	42.67	ng	90
57) Fluorene	10.45	166	1024157	32.05	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	315081	35.45	ng #	86
59) Diethylphthalate	10.34	149	1287144	36.17	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	537066	39.77	ng	90
61) 4-Nitroaniline	10.48	138	277254	31.71	ng	93
62) Azobenzene	10.61	77	1357803	34.79	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	158382	28.65	ng #	61
65) n-Nitrosodiphenylamine	10.57	169	908086	30.62	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	335652	33.61	ng #	93
67) Hexachlorobenzene	11.00	284	371541	33.06	ng	95
68) Atrazine	11.09	200	336734	34.69	ng	98
69) Pentachlorophenol	11.20	266	322827	55.40	ng	98
70) Phenanthrene	11.41	178	1548199	31.90	ng	97
71) Anthracene	11.47	178	1773494	37.28	ng	99
72) Carbazole	11.62	167	1505164	32.37	ng	99
73) Di-n-butylphthalate	11.96	149	1914007	36.90	ng #	98
74) Fluoranthene	12.60	202	1749938	34.52	ng	97
77) Pyrene	12.83	202	1824370	28.21	ng	97
79) Butylbenzylphthalate	13.45	149	828264	29.59	ng #	84
80) Benzo(a)anthracene	14.02	228	1449959	29.96	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	429238	25.41	ng #	96
82) Chrysene	14.05	228	1407490	30.26	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1061646	30.02	ng #	93
84) Di-n-octyl phthalate	14.63	149	1814959	30.40	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.85	276	1239956	33.64	ng	100
87) Benzo(b)fluoranthene	15.05	252	1474231	32.84	ng	98
88) Benzo(k)fluoranthene	15.05	252	1474231	40.15	ng #	97
89) Benzo(a)pyrene	15.39	252	1300701	34.16	ng #	95
90) Dibenzo(a,h)anthracene	16.88	278	1039744	31.73	ng #	94
91) Benzo(g,h,i)perylene	17.28	276	1029634	30.34	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

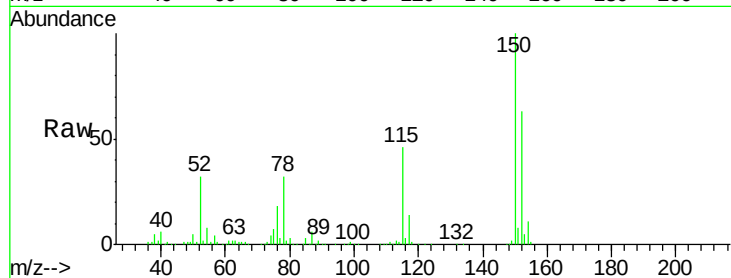
Tgt Ion:152 Resp: 260332

Ion Ratio Lower Upper

152 100

150 158.8 123.0 184.4

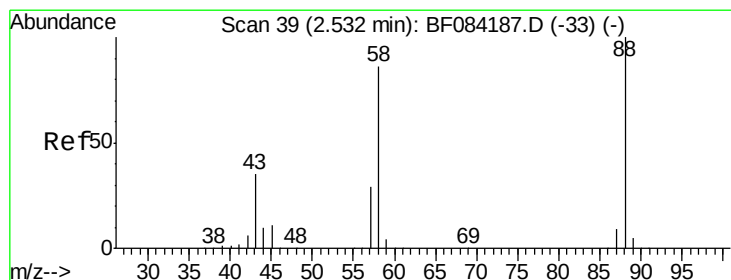
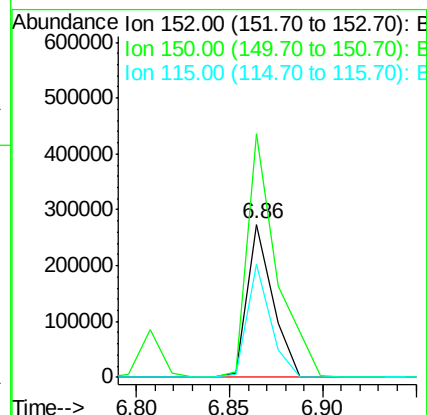
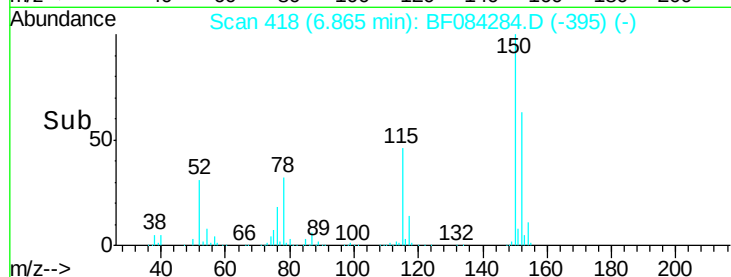
115 73.5 51.4 77.2



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: 28.07 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

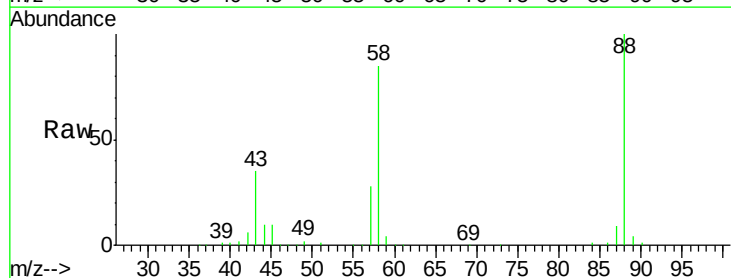
Tgt Ion: 88 Resp: 214050

Ion Ratio Lower Upper

88 100

58 84.8 51.2 76.8#

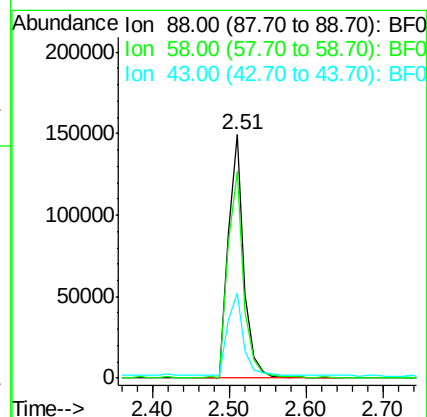
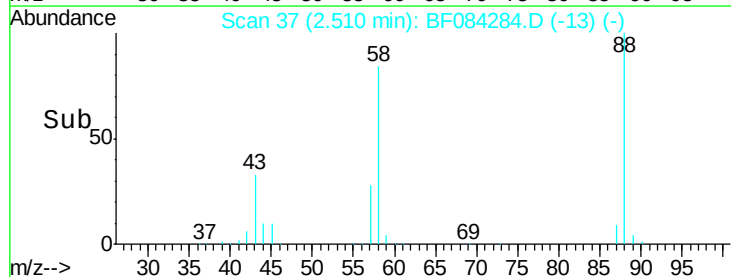
43 34.2 19.5 29.3#

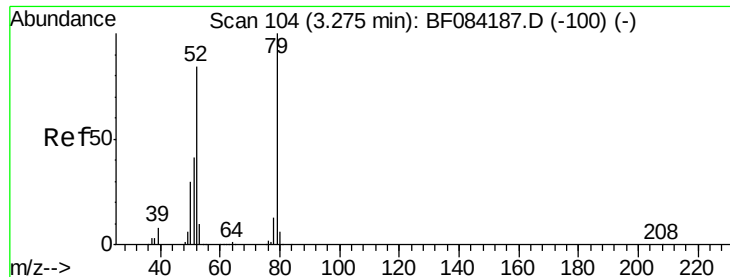


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 9.96 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

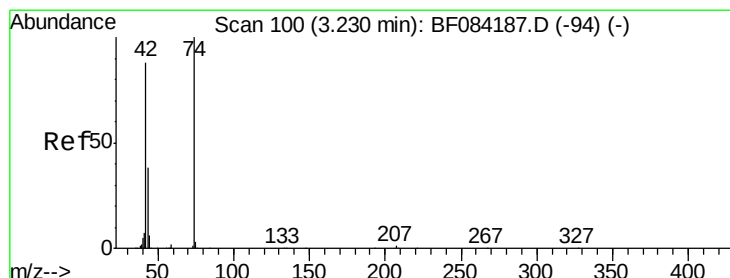
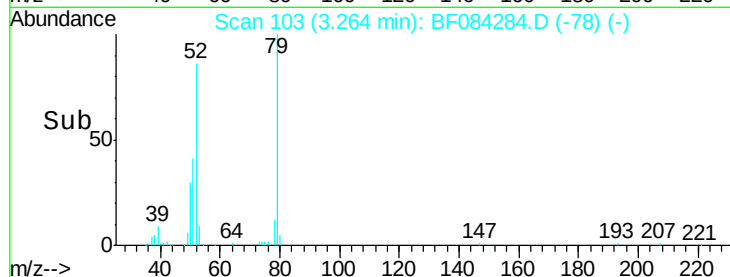
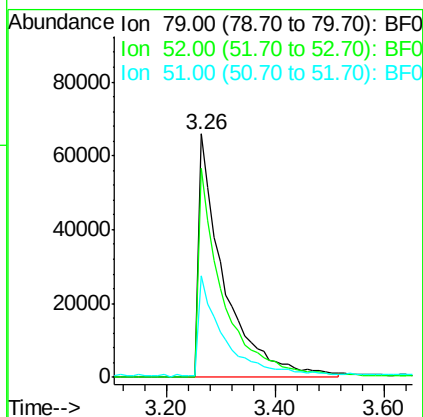
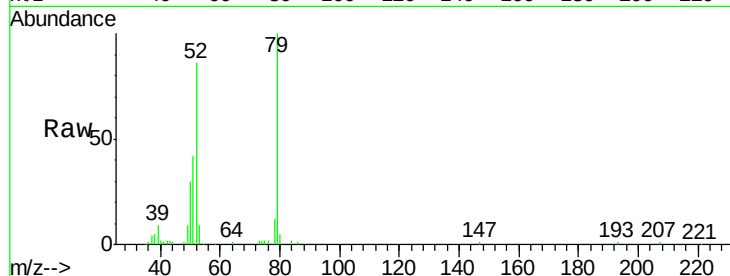
Tgt Ion: 79 Resp: 211692

Ion Ratio Lower Upper

79 100

52 86.1 49.0 73.4#

51 41.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 32.06 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

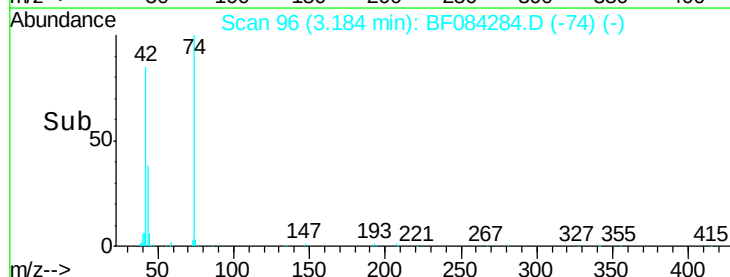
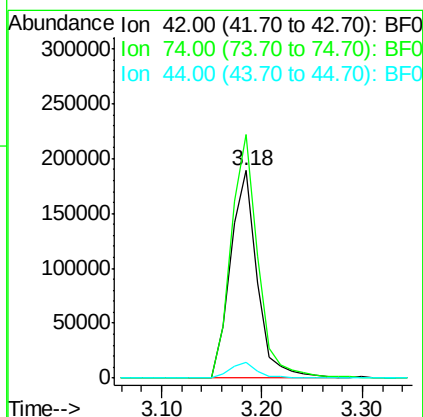
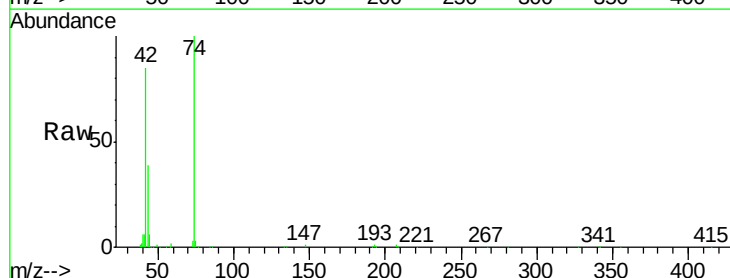
Tgt Ion: 42 Resp: 349824

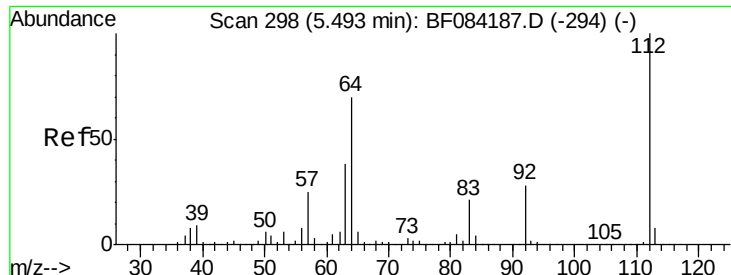
Ion Ratio Lower Upper

42 100

74 117.5 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 100.24 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

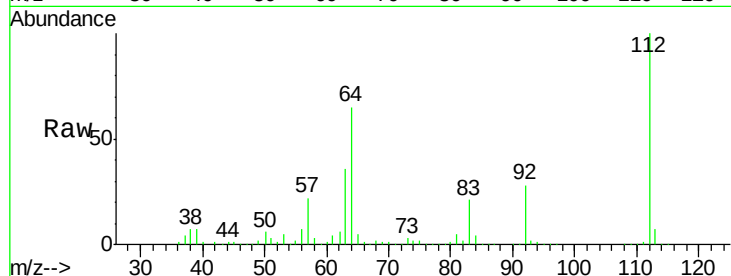
Tgt Ion: 112 Resp: 1613288

Ion Ratio Lower Upper

112 100

64 64.8 36.6 55.0#

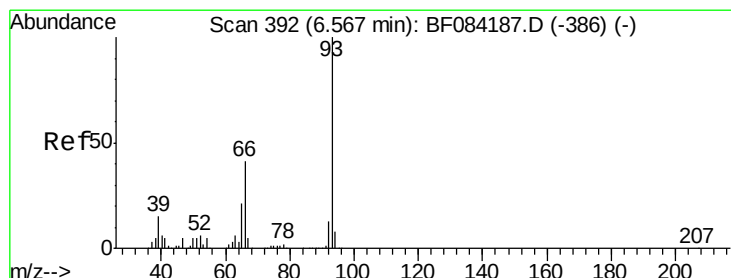
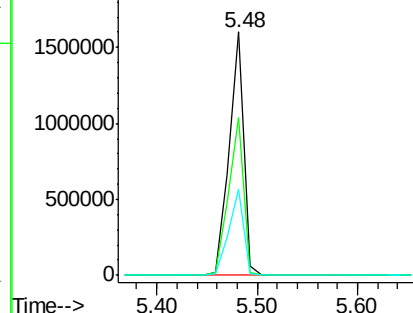
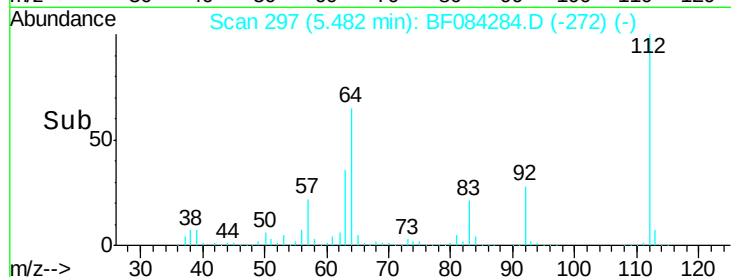
63 35.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.12 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

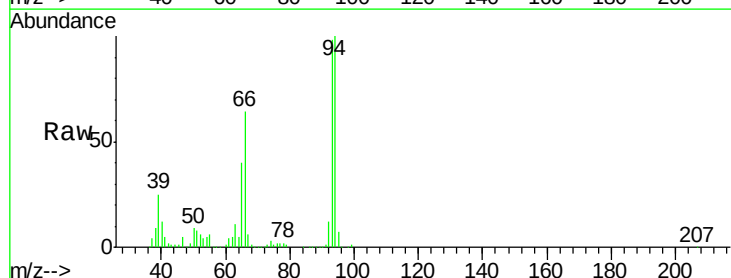
Tgt Ion: 93 Resp: 446970

Ion Ratio Lower Upper

93 100

66 65.5 44.9 67.3

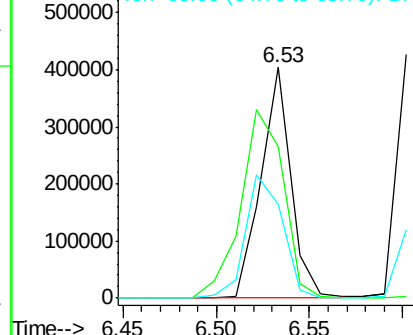
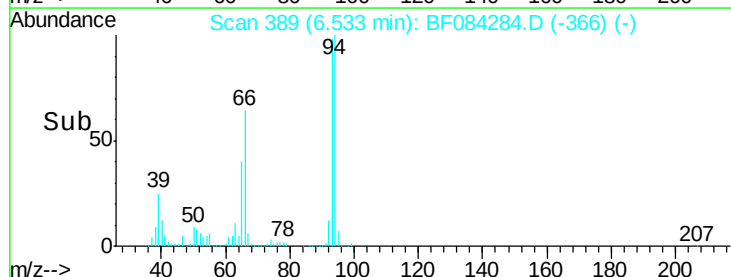
65 40.5 23.7 35.5#

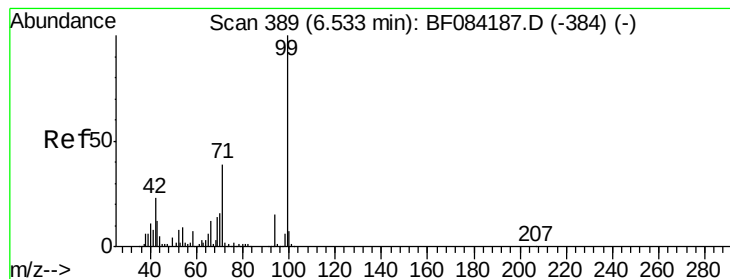


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.79 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

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ClientSampleId :

PJ-SB-4-21.0-21.5MS

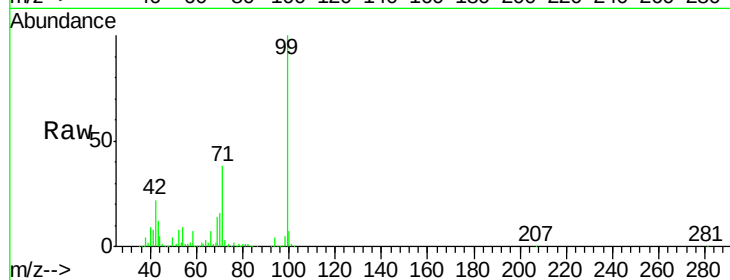
Tgt Ion: 99 Resp: 2098020

Ion Ratio Lower Upper

99 100

42 22.4 12.8 19.2#

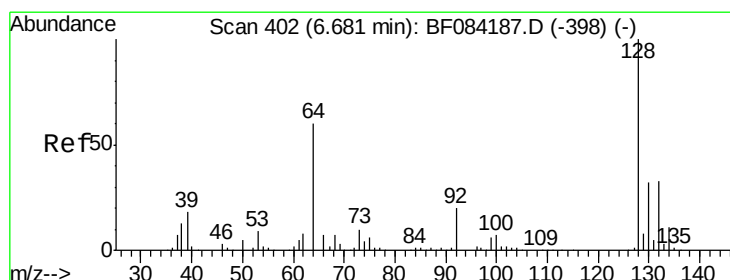
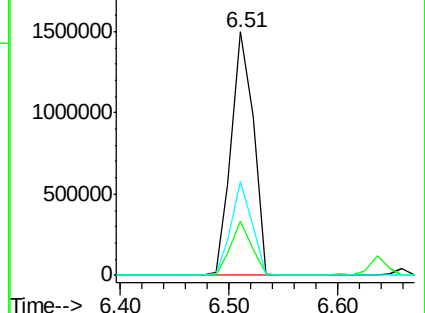
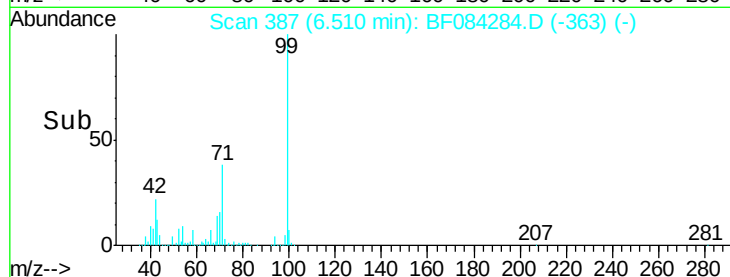
71 38.3 30.9 46.3



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: 36.21 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

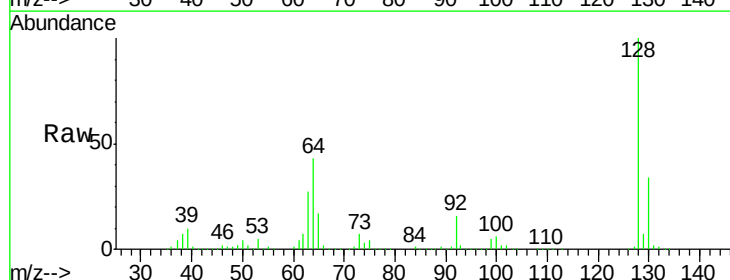
Tgt Ion: 128 Resp: 661223

Ion Ratio Lower Upper

128 100

130 33.7 11.6 51.6

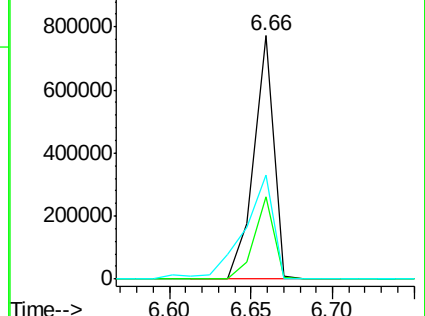
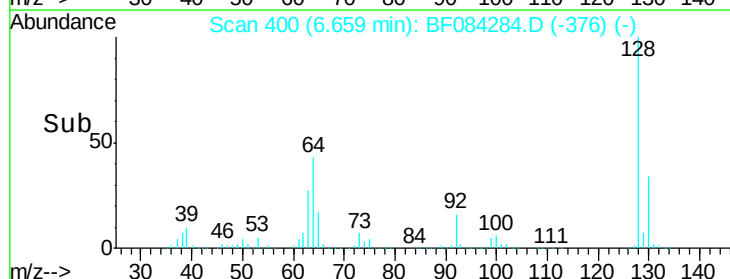
64 42.8 23.8 63.8

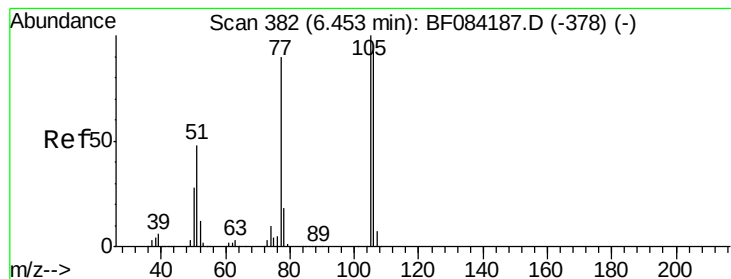


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.02 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

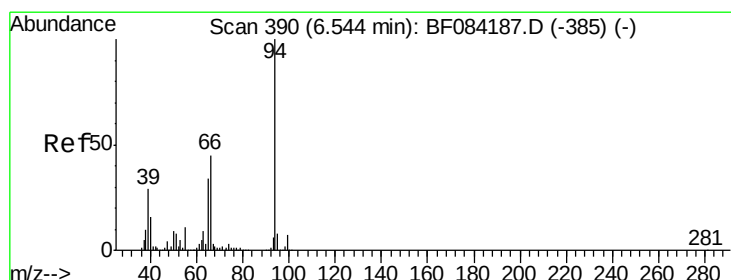
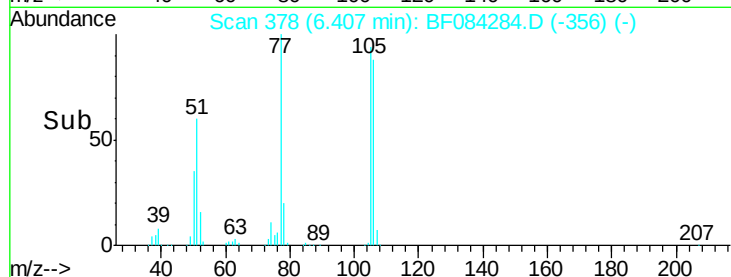
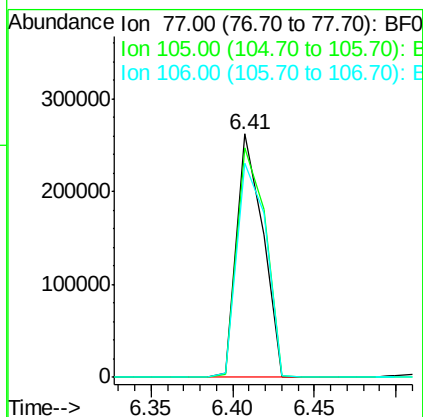
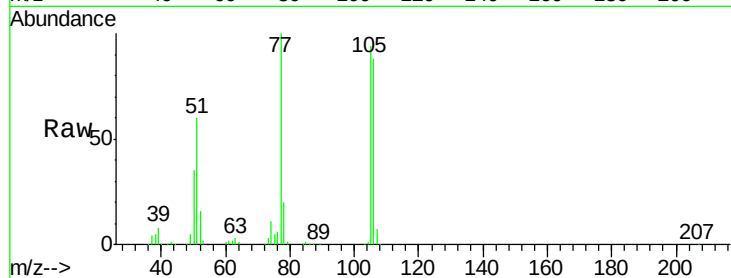
Tgt Ion: 77 Resp: 289817

Ion Ratio Lower Upper

77 100

105 94.1 83.0 123.0

106 87.9 74.6 114.6



#10

Phenol

Concen: 29.01 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

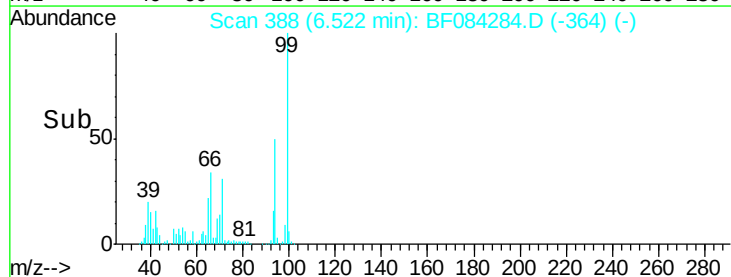
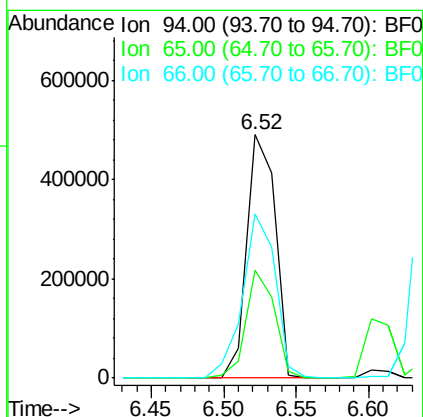
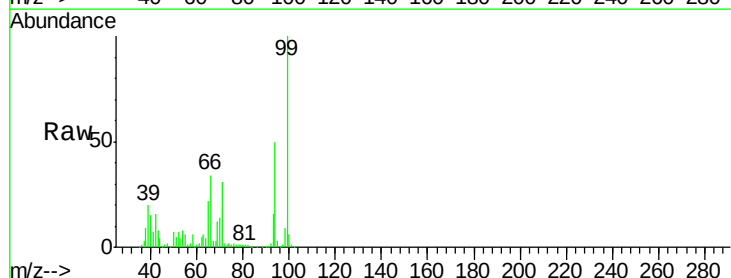
Tgt Ion: 94 Resp: 666826

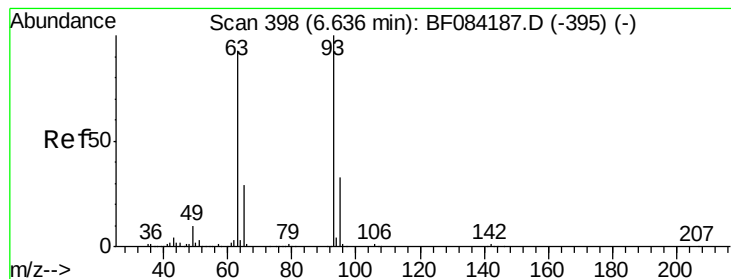
Ion Ratio Lower Upper

94 100

65 44.2 12.9 52.9

66 67.4 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.27 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

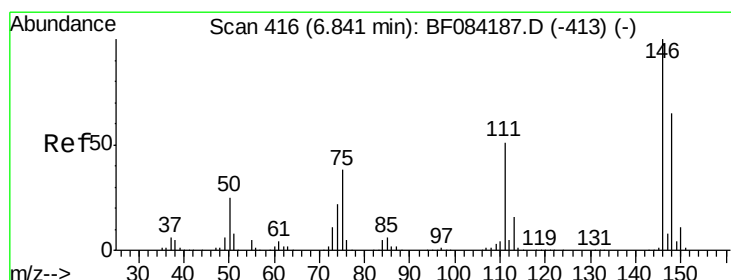
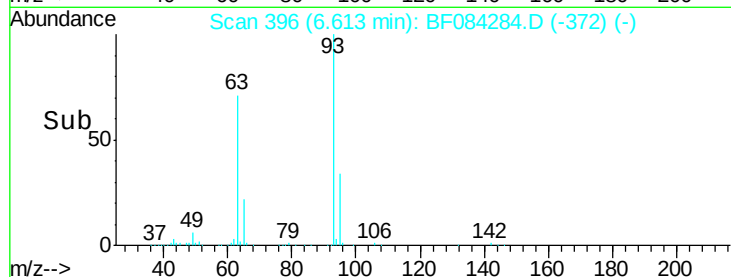
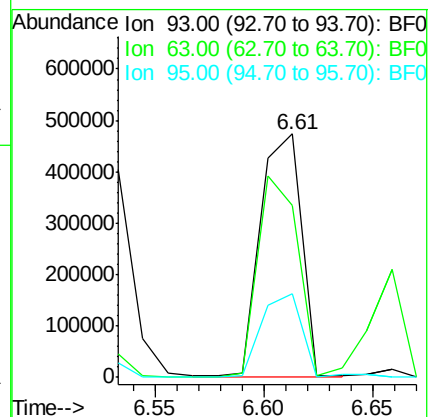
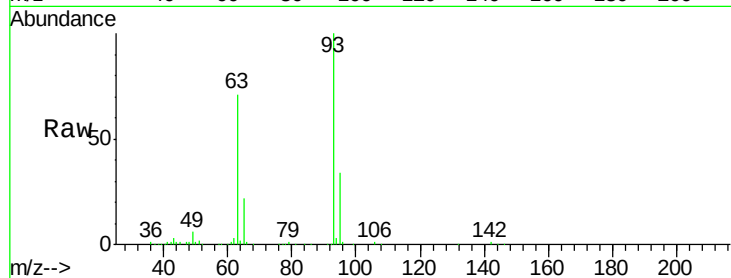
Tgt Ion: 93 Resp: 627971

Ion Ratio Lower Upper

93 100

63 70.6 45.9 85.9

95 34.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 33.83 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

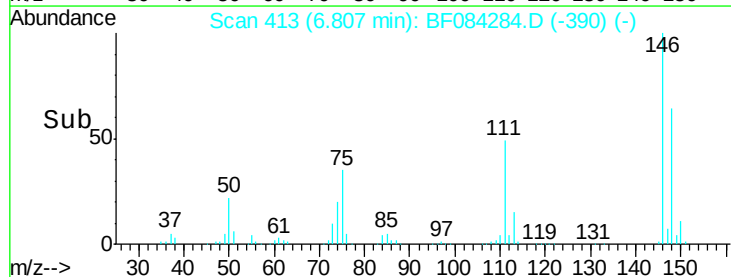
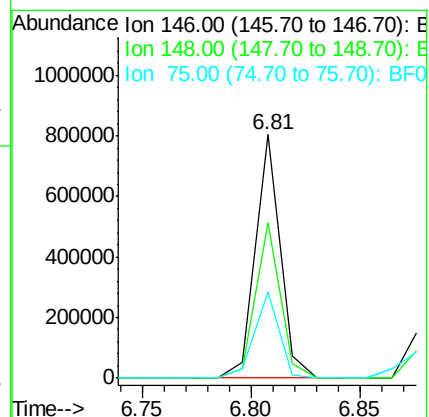
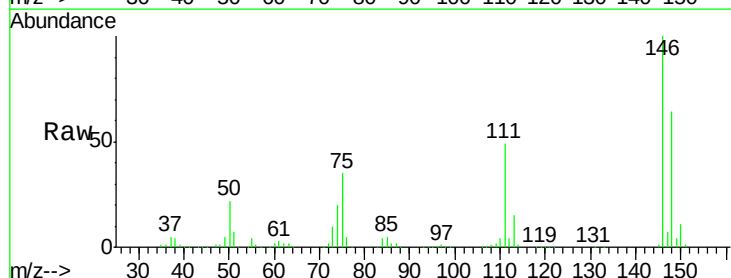
Tgt Ion: 146 Resp: 637189

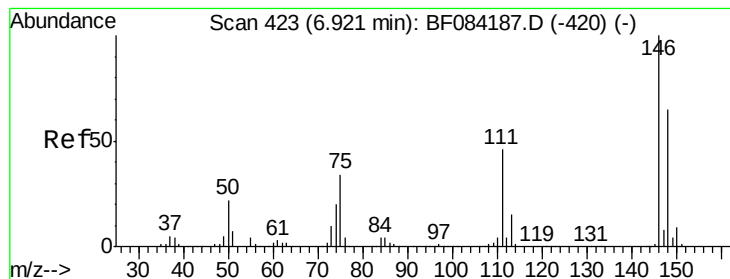
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 35.4 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 35.14 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

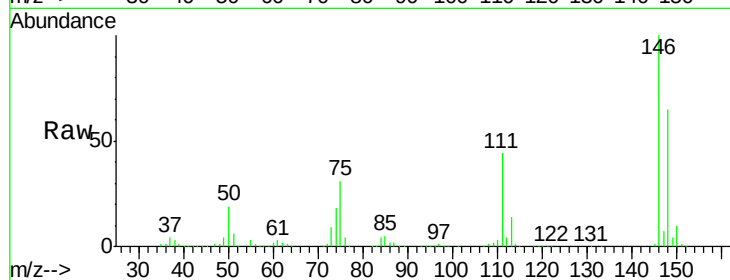
Tgt Ion:146 Resp: 663777

Ion Ratio Lower Upper

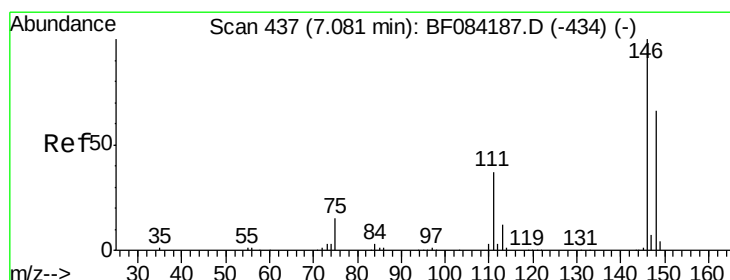
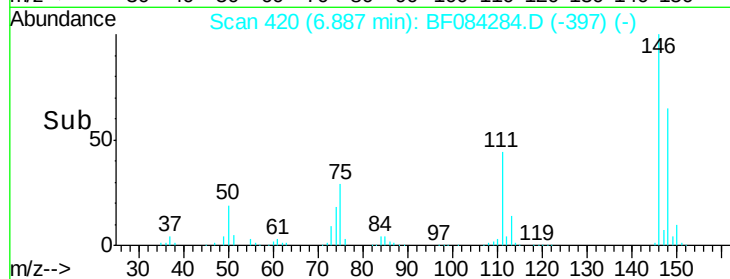
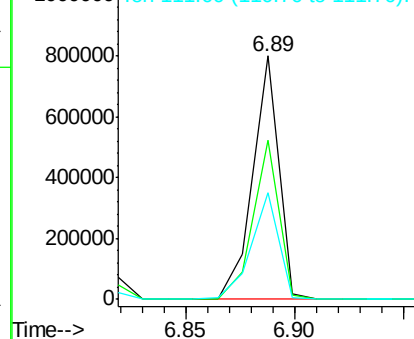
146 100

148 65.3 51.9 77.9

111 43.8 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: 30.82 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

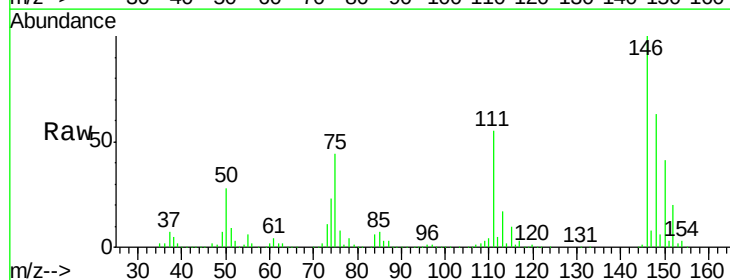
Tgt Ion:146 Resp: 557505

Ion Ratio Lower Upper

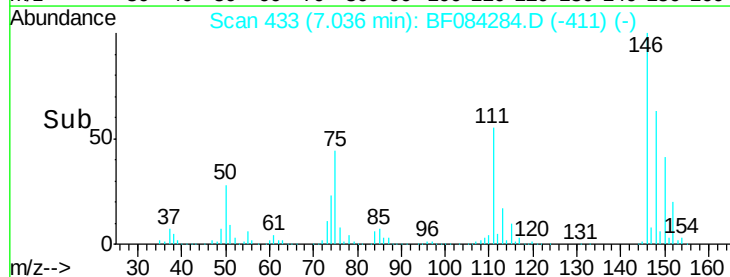
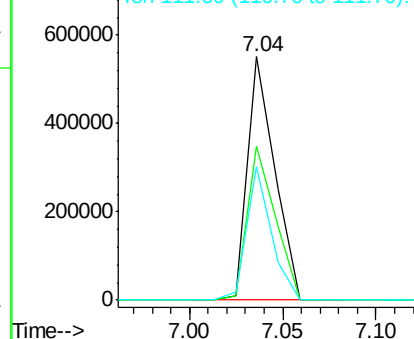
146 100

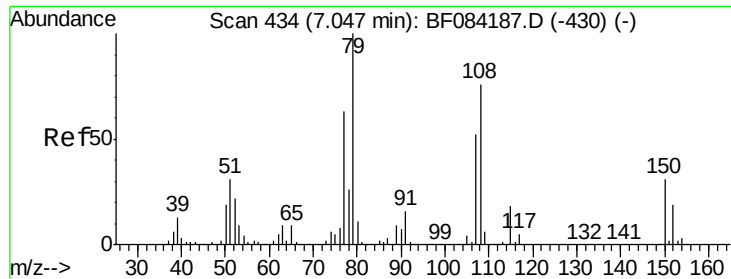
148 63.1 51.6 77.4

111 54.8 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: 31.79 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

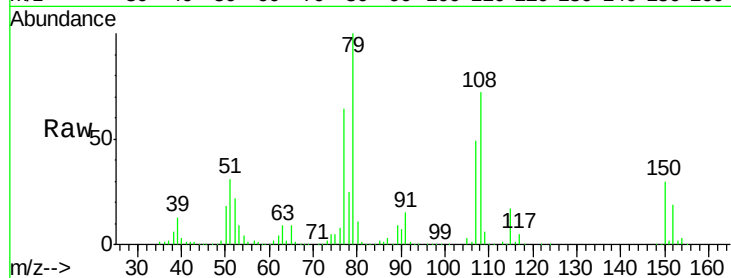
Tgt Ion: 79 Resp: 540512

Ion Ratio Lower Upper

79 100

108 72.5 69.0 103.4

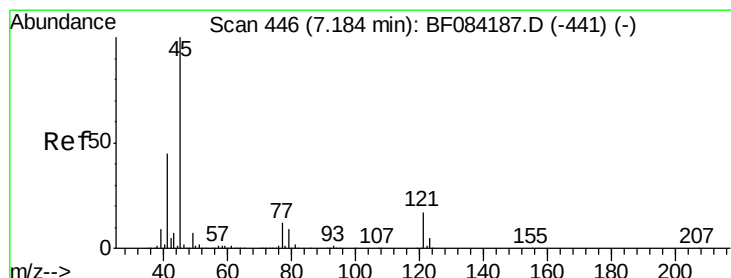
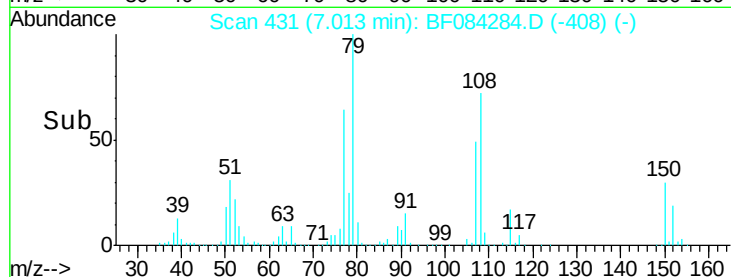
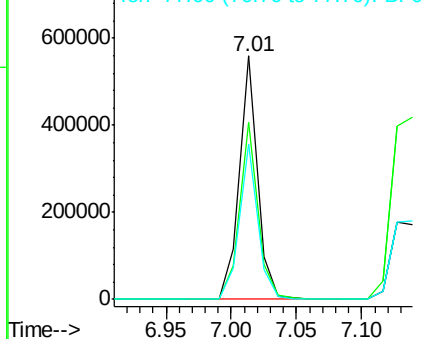
77 63.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.43 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

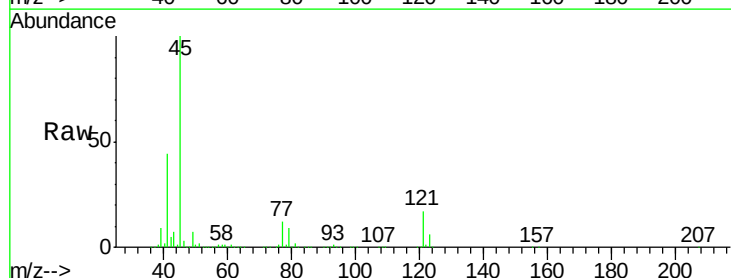
Tgt Ion: 45 Resp: 1018930

Ion Ratio Lower Upper

45 100

77 11.6 0.0 39.6

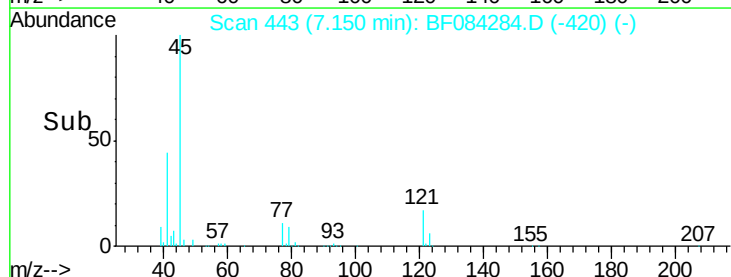
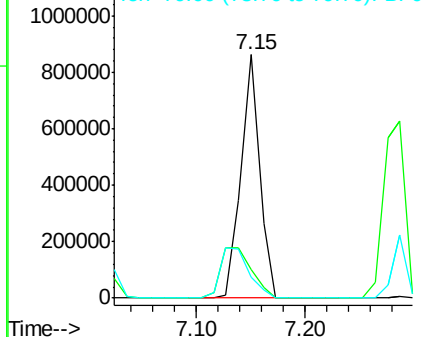
79 8.8 0.0 35.0

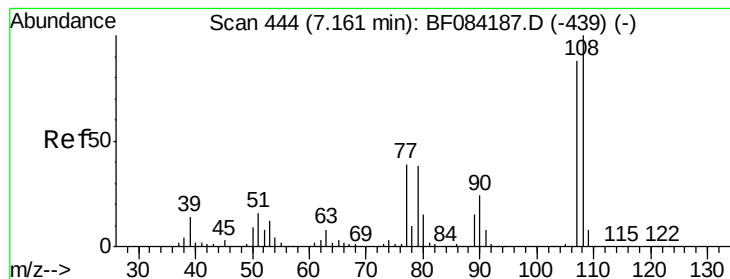


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.82 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

Tgt Ion:107 Resp: 517656

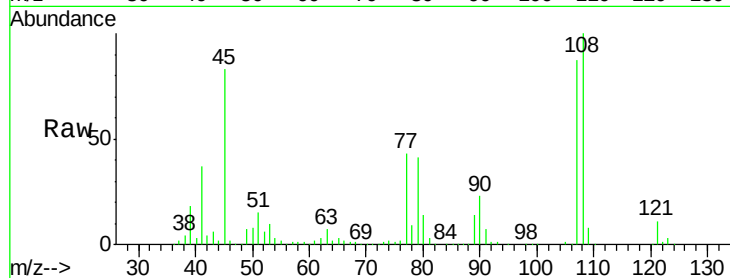
Ion Ratio Lower Upper

107 100

108 114.8 89.8 134.6

77 49.2 35.7 53.5

79 47.3 35.7 53.5

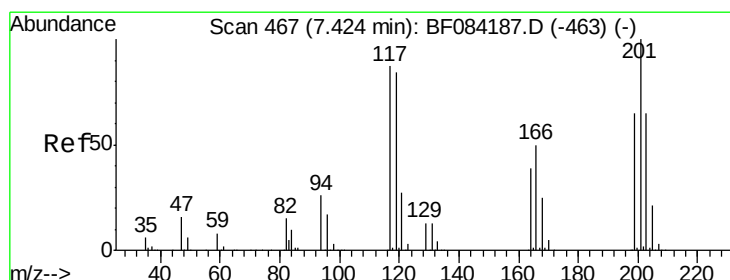
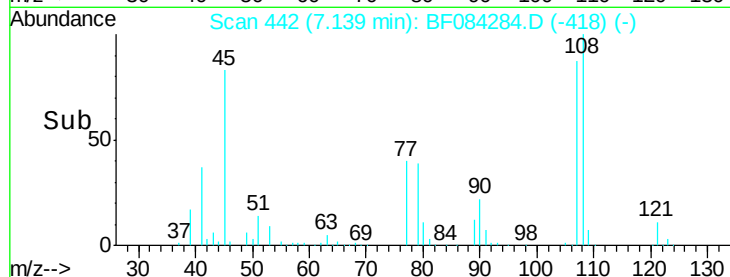
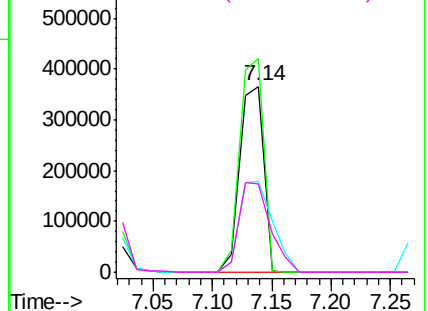


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.80 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

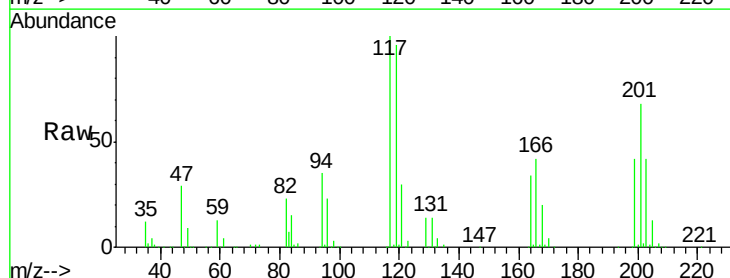
Tgt Ion:117 Resp: 240201

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

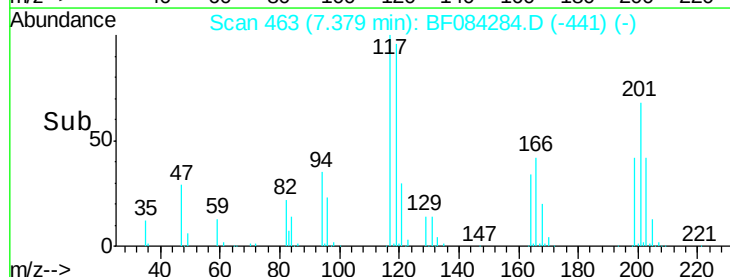
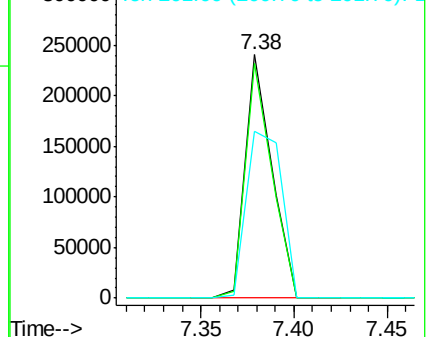
201 68.3 68.6 103.0#

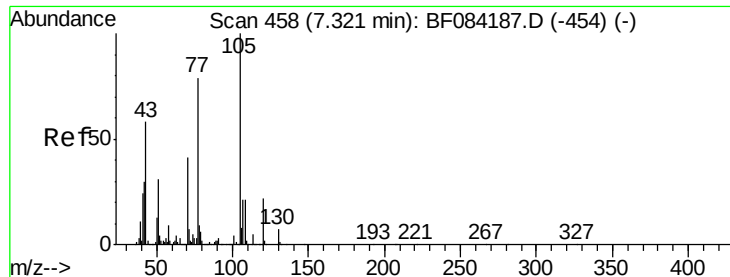


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

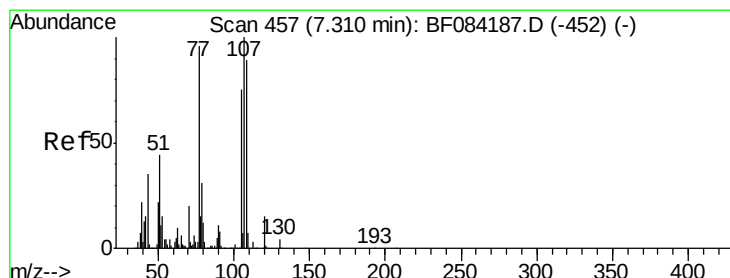
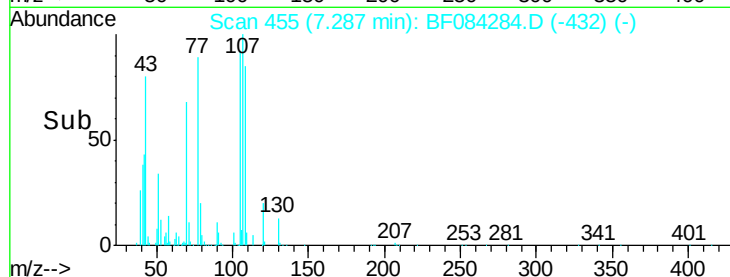
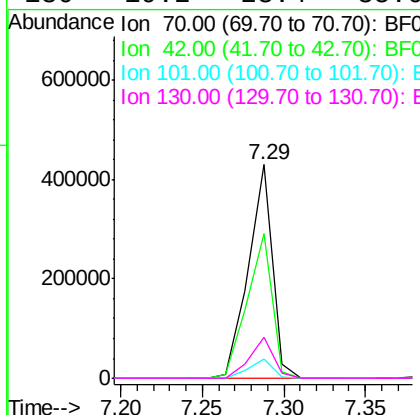
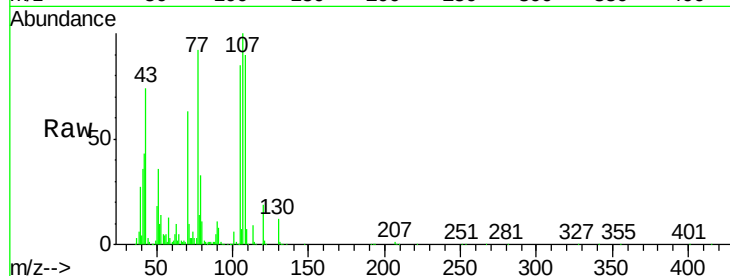




#19
n-Nitroso-di-n-propylamine
Concen: 32.17 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

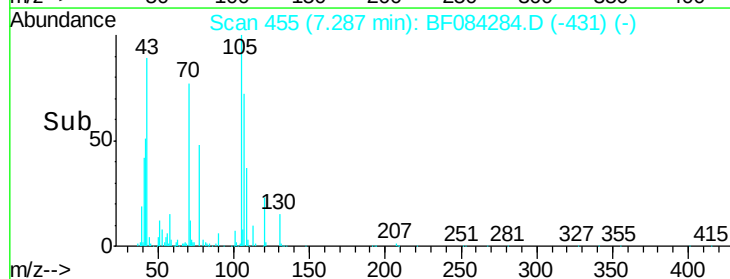
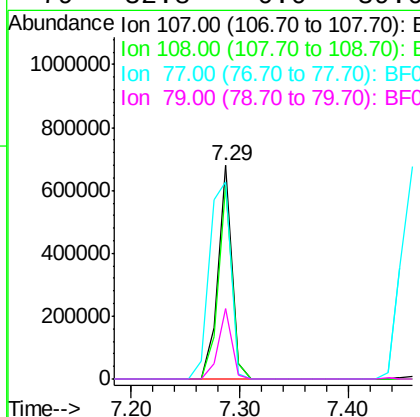
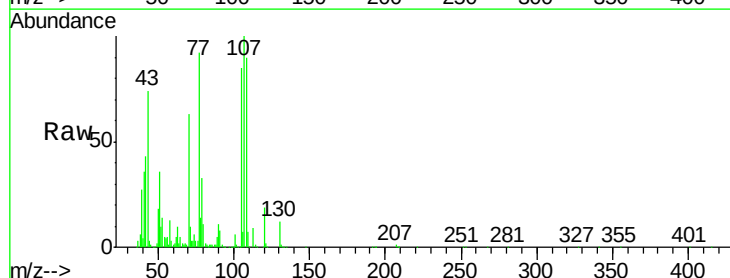
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

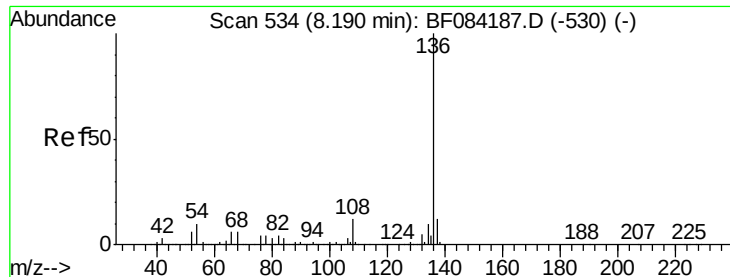
Tgt Ion: 70 Resp: 440232
Ion Ratio Lower Upper
70 100
42 67.6 33.3 49.9#
101 9.2 9.3 13.9#
130 19.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 34.20 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 107 Resp: 615271
Ion Ratio Lower Upper
107 100
108 90.4 74.6 114.6
77 92.4 0.7 40.7#
79 32.8 0.0 39.0

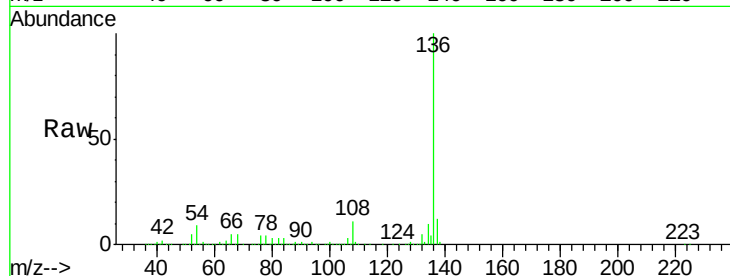




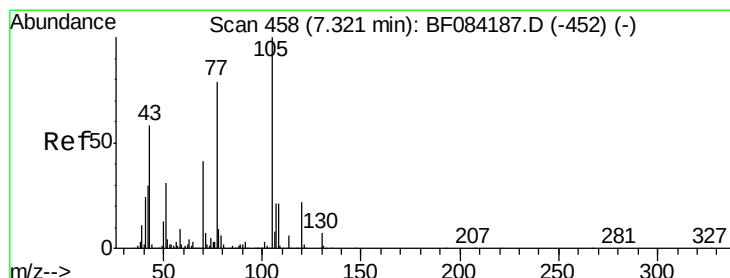
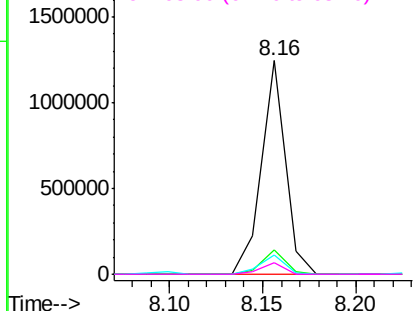
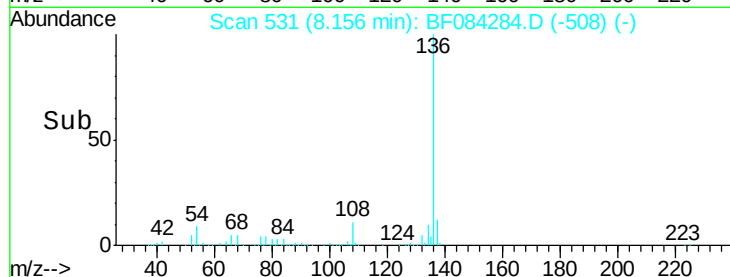
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Tgt Ion:	136	Resp:	1103343
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.3	5.8	8.8#
68	5.4	4.2	6.2

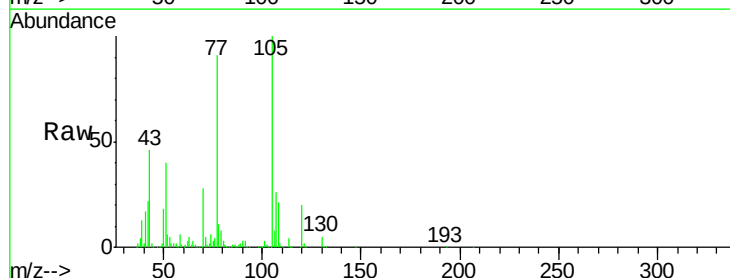


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

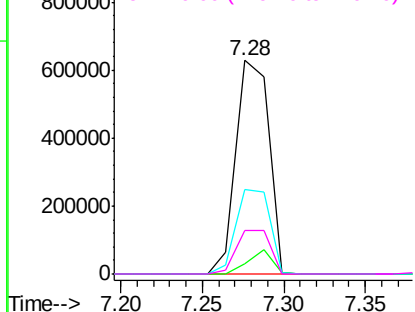
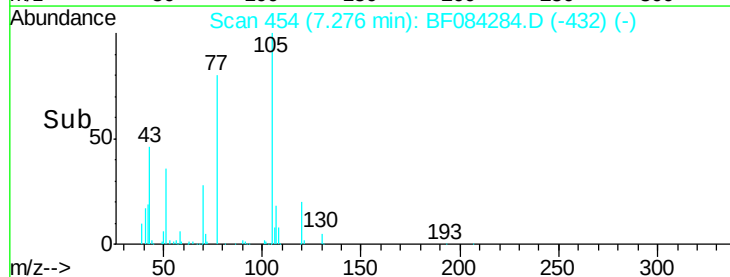


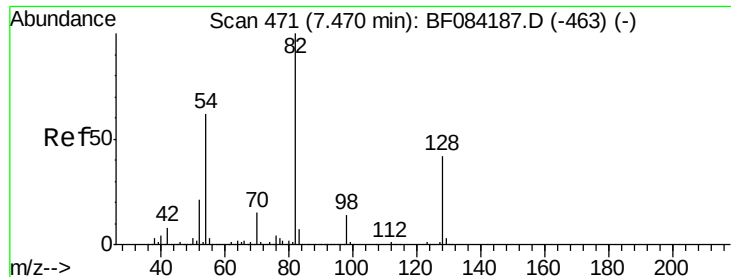
#22
Acetophenone
Concen: 32.99 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:	105	Resp:	875173
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.7	5.5
51	39.7	25.1	37.7#
120	20.2	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

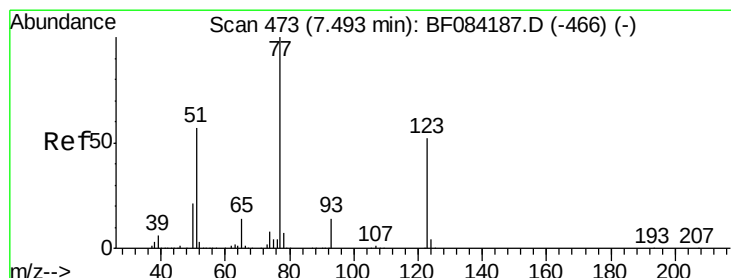
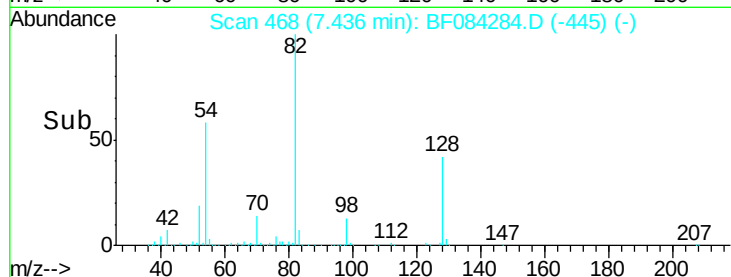
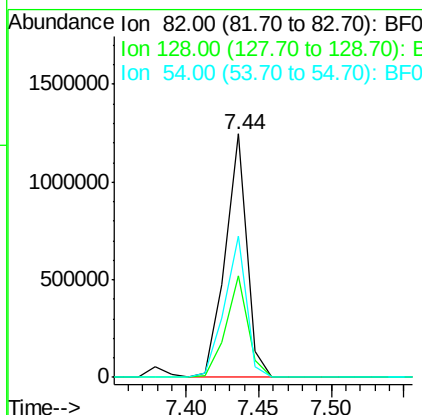
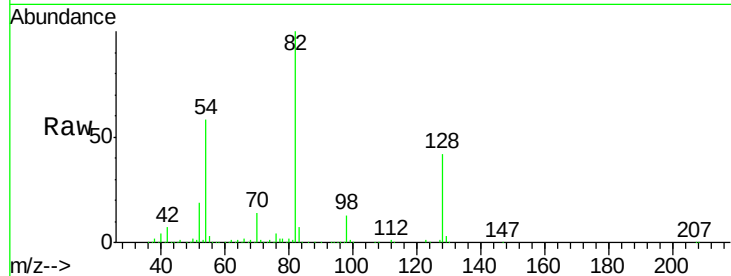




#23
 Nitrobenzene-d5
 Concen: 65.04 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

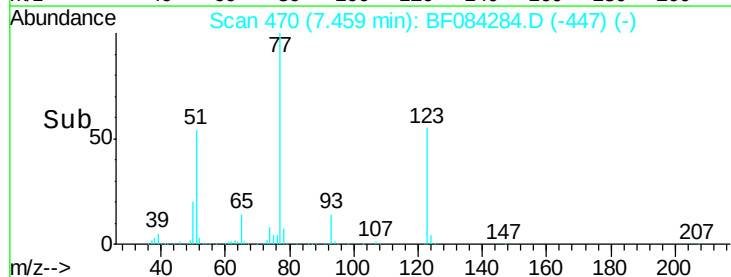
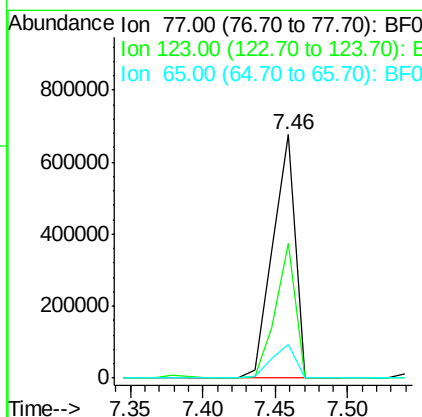
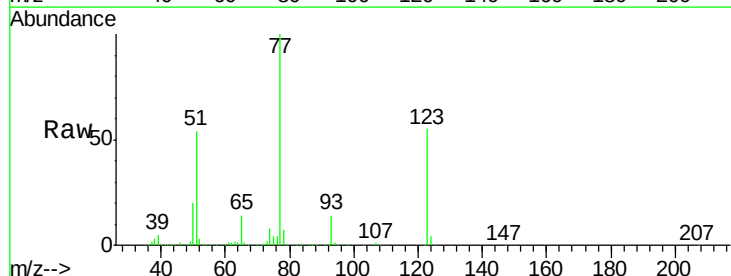
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

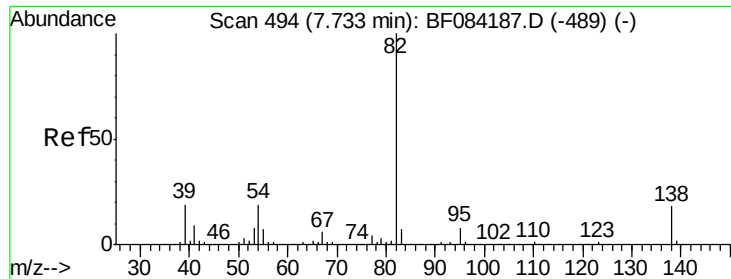
Tgt Ion: 82 Resp: 1289336
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 51.8
 54 58.2 38.4 57.6#



#24
 Nitrobenzene
 Concen: 36.05 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion: 77 Resp: 724858
 Ion Ratio Lower Upper
 77 100
 123 55.5 37.4 56.2
 65 13.7 10.9 16.3





#25

Isophorone

Concen: 33.83 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

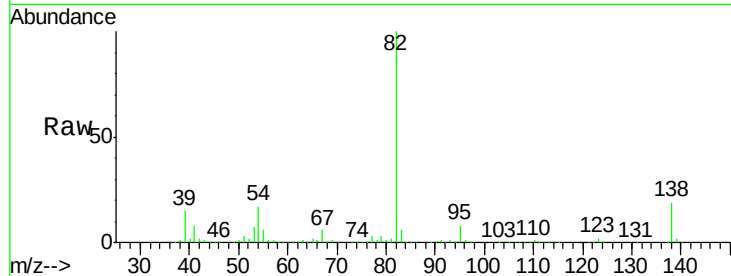
Tgt Ion: 82 Resp: 1282776

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

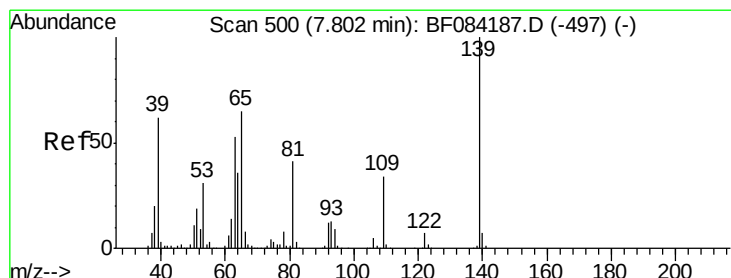
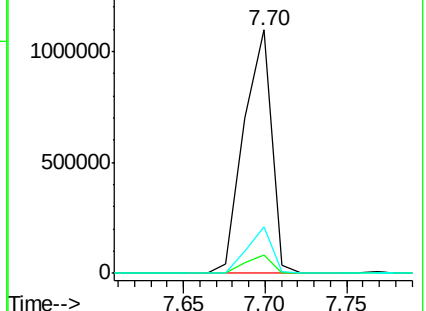
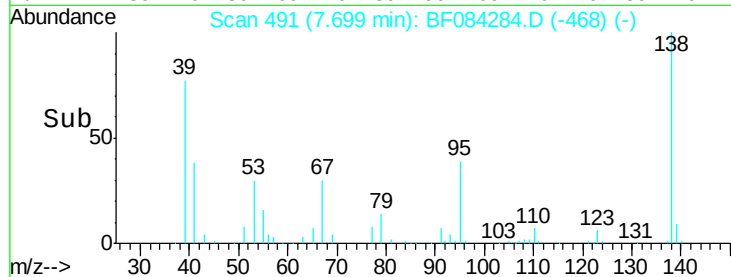
138 19.3 13.6 20.4



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: 34.63 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

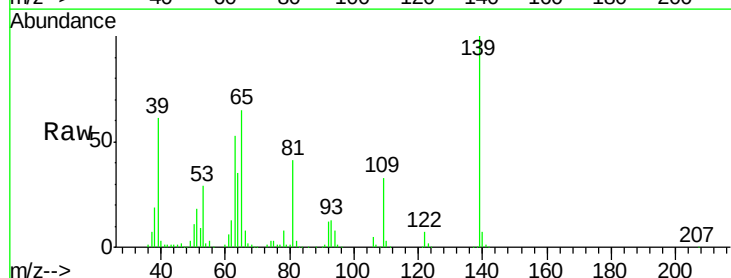
Tgt Ion: 139 Resp: 316906

Ion Ratio Lower Upper

139 100

109 33.0 25.4 38.2

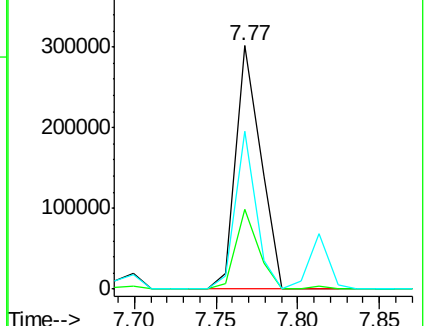
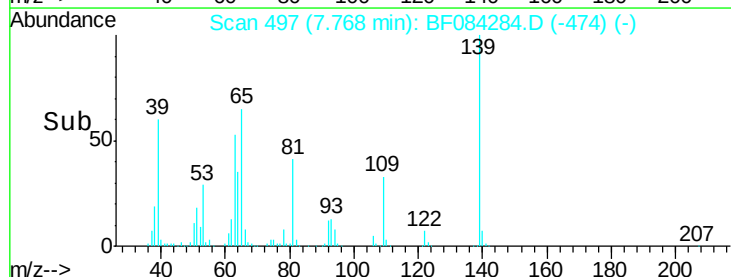
65 64.8 32.3 48.5#

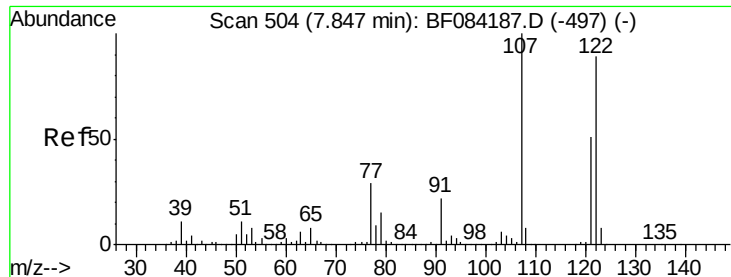


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 28.59 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

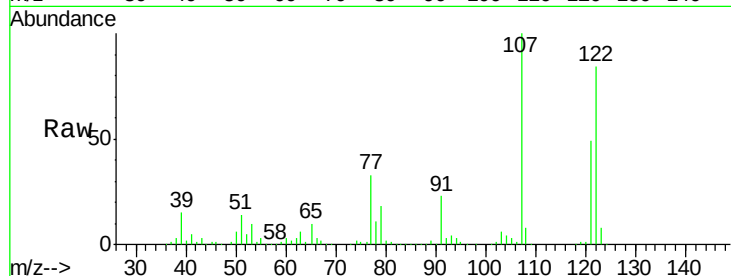
Tgt Ion:122 Resp: 529580

Ion Ratio Lower Upper

122 100

107 119.1 99.1 148.7

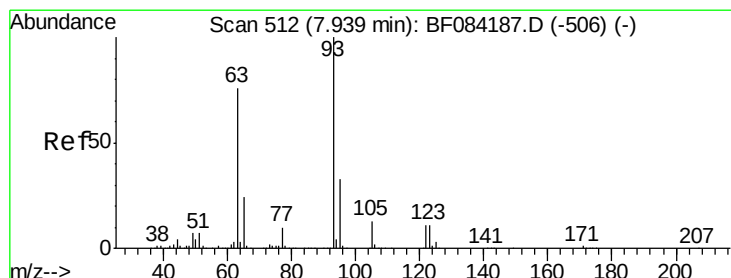
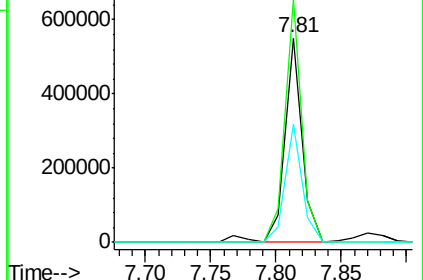
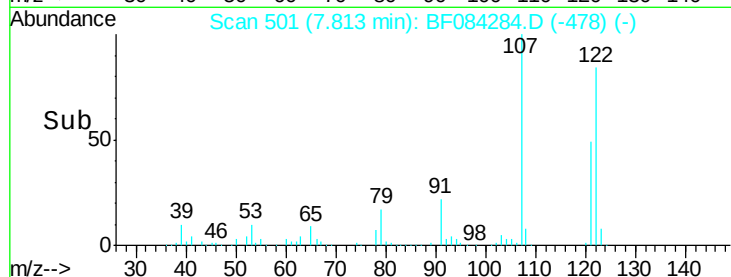
121 57.8 47.9 71.9



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: 32.30 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

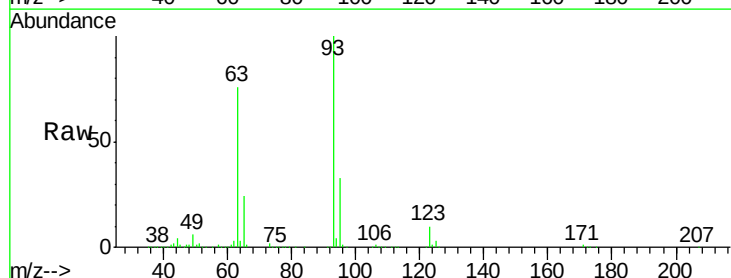
Tgt Ion: 93 Resp: 748055

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

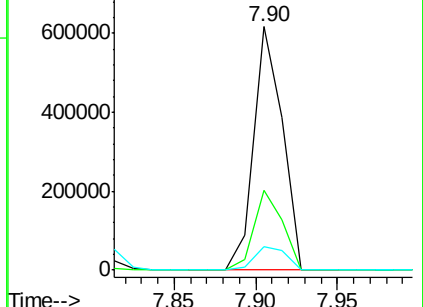
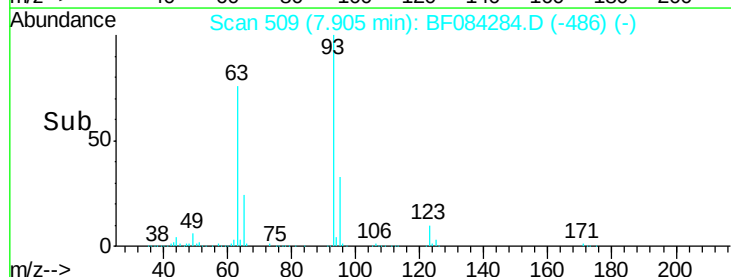
123 9.7 8.6 12.8

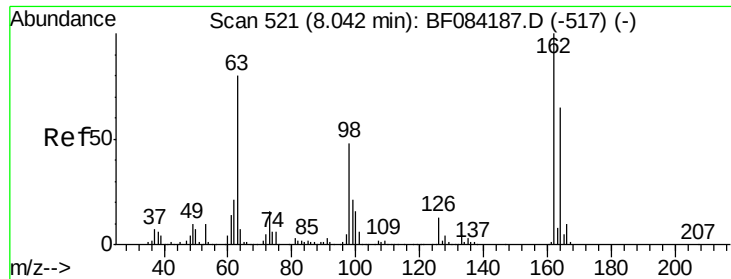


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

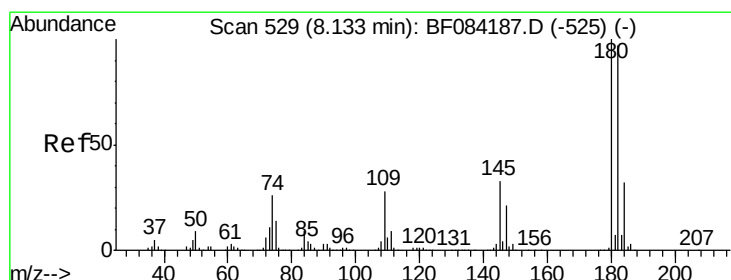
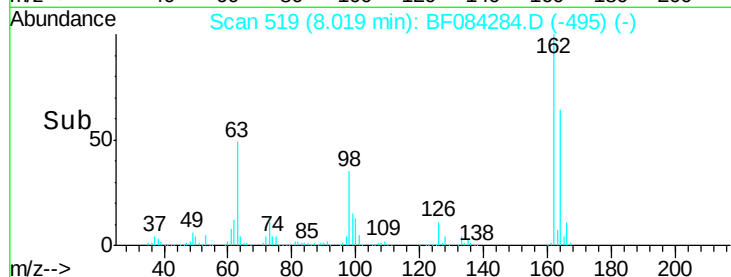
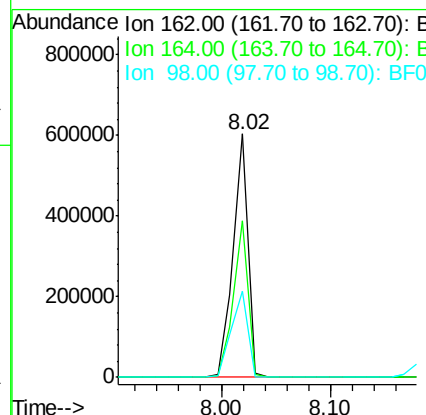
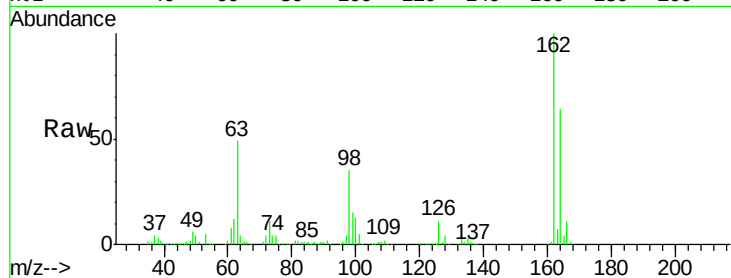




#29
 2,4-Dichlorophenol
 Concen: 36.80 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

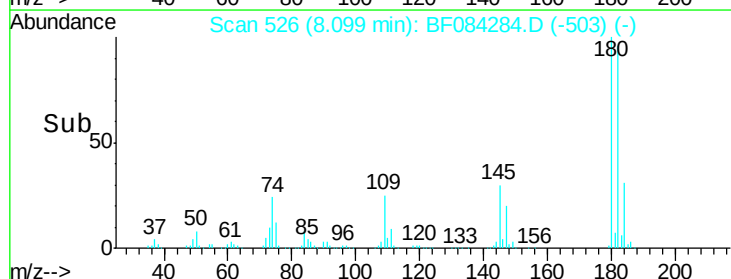
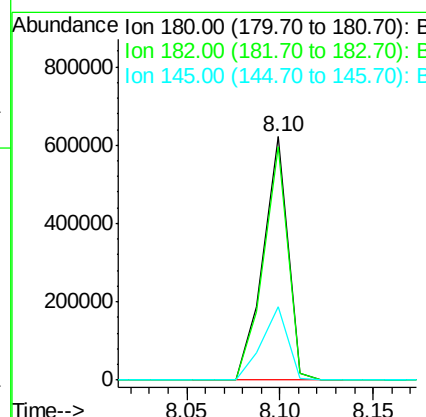
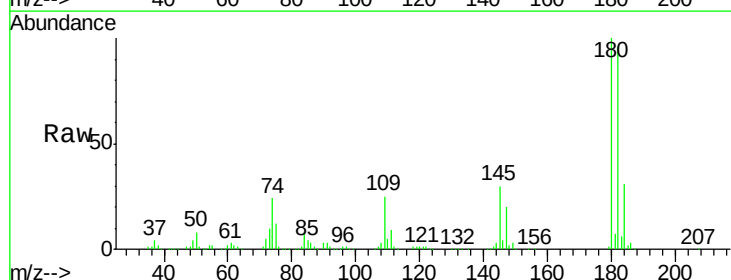
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

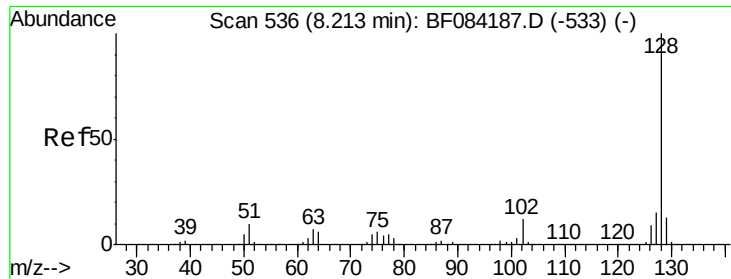
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	35.4	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 35.68 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	30.2	31.6	47.4#

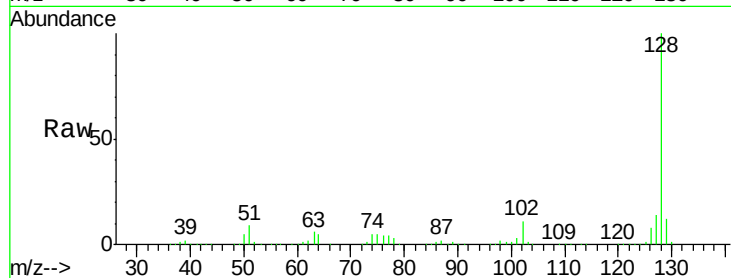




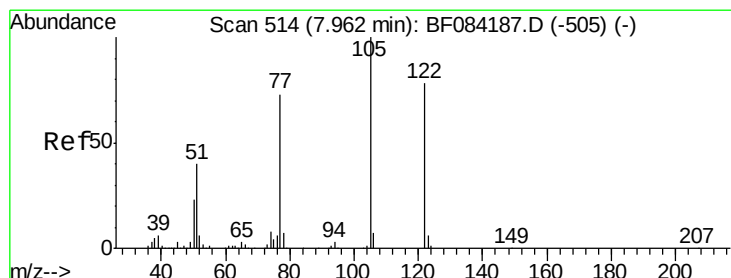
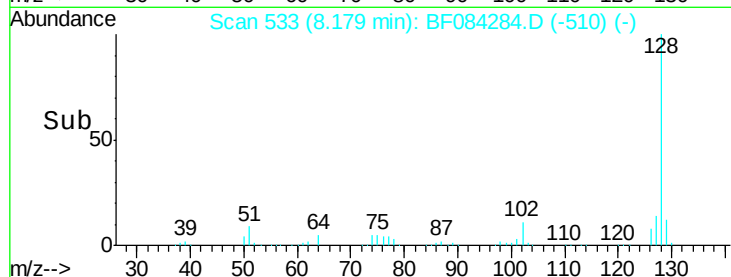
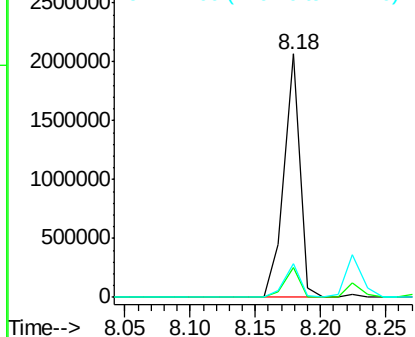
#31
Naphthalene
Concen: 35.68 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Tgt Ion:128 Resp: 1786215
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.0 11.1 16.7

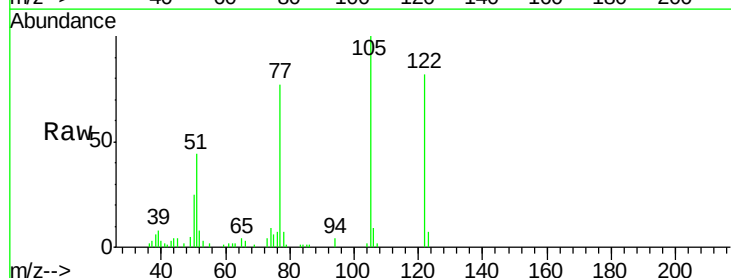


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

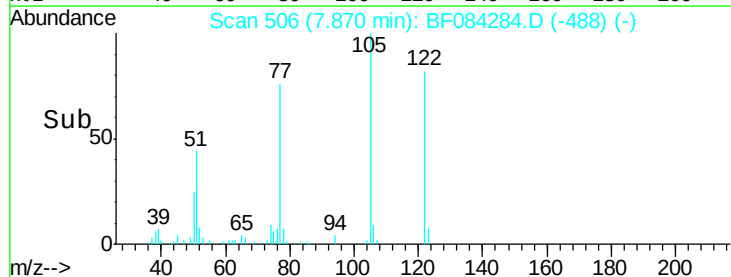
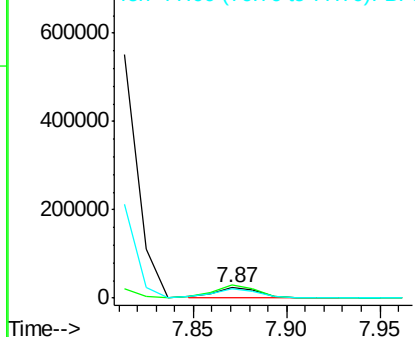


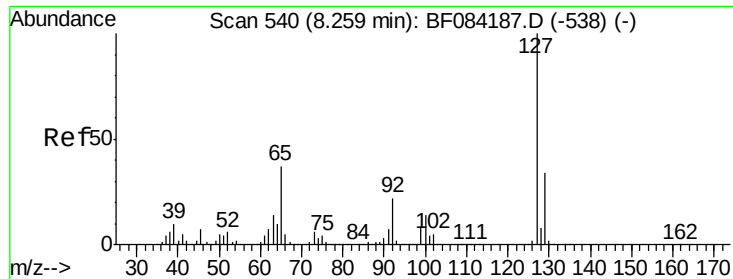
#32
Benzoic acid
Concen: 9.01 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:122 Resp: 37860
Ion Ratio Lower Upper
122 100
105 122.6 100.3 140.3
77 94.6 63.5 103.5



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

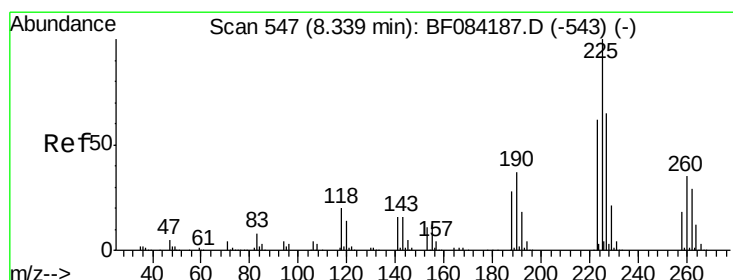
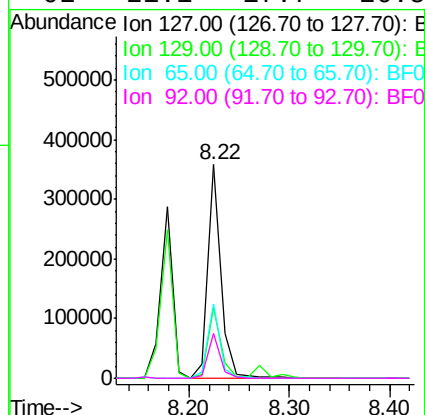
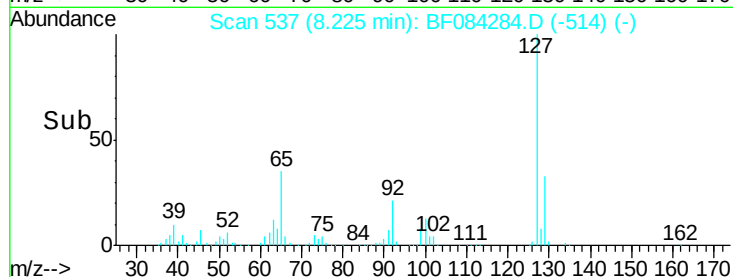
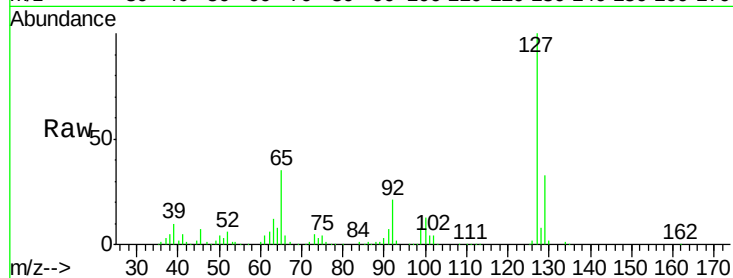




#33
4-Chloroaniline
Concen: 14.26 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

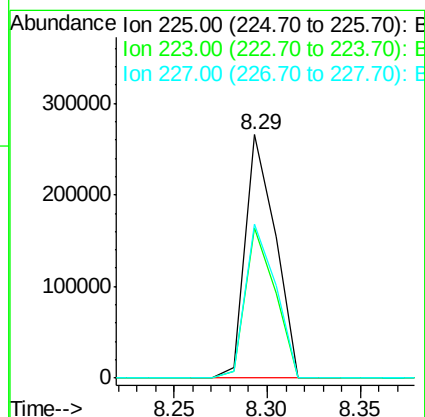
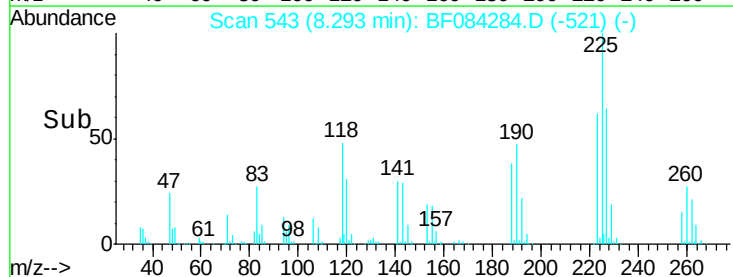
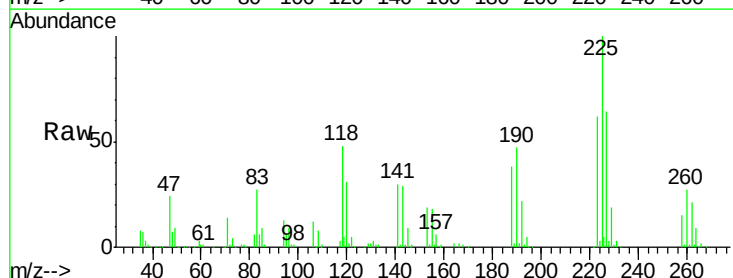
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

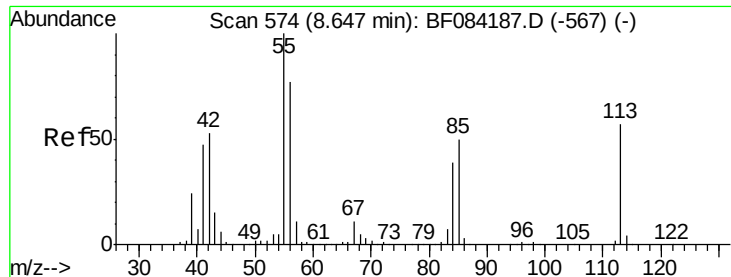
Tgt Ion:	127	Resp:	327302
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	34.8	27.2	40.8
92	21.1	17.7	26.5



#34
Hexachlorobutadiene
Concen: 32.26 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:	225	Resp:	295421
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.0
227	63.5	50.8	76.2

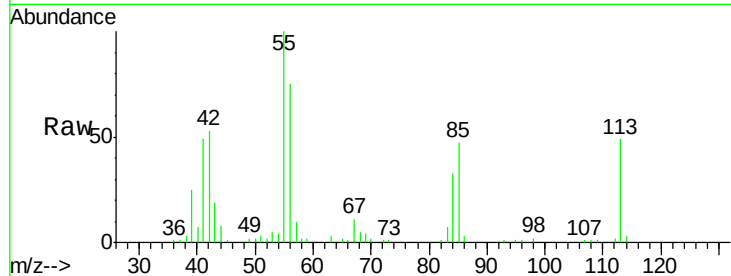




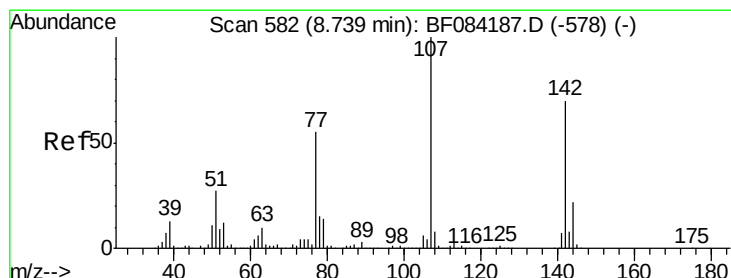
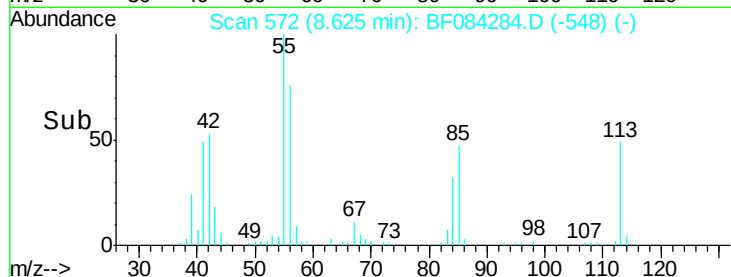
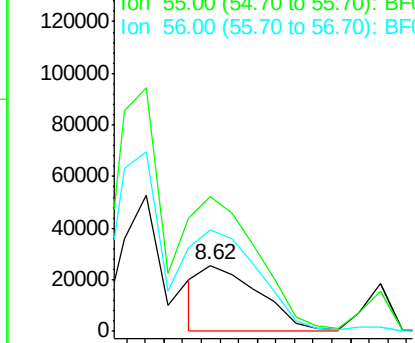
#35
 Caprolactam
 Concen: 10.43 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

Tgt Ion:113 Resp: 54236
 Ion Ratio Lower Upper
 113 100
 55 205.5 116.9 156.9#
 56 154.6 93.8 133.8#

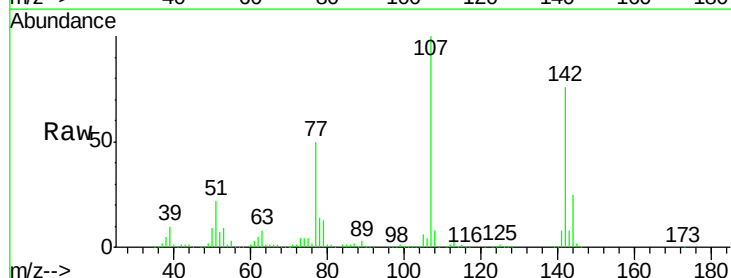


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

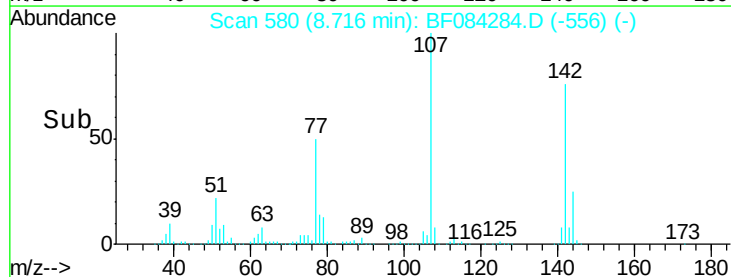
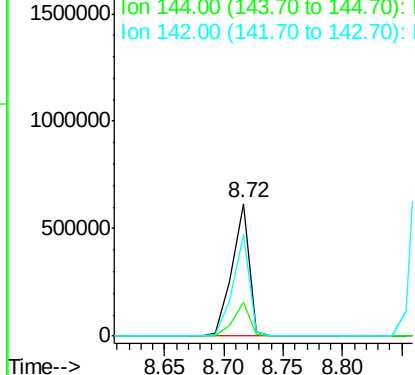


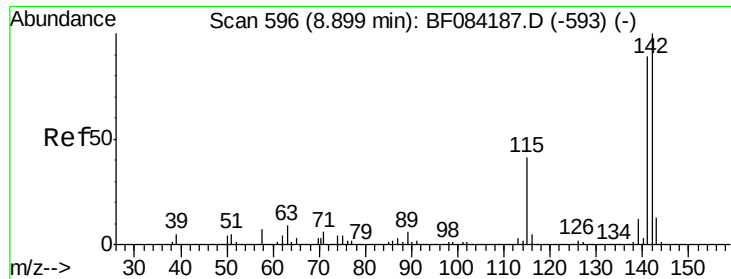
#36
 4-Chloro-3-methylphenol
 Concen: 35.91 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion:107 Resp: 620632
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 76.2 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

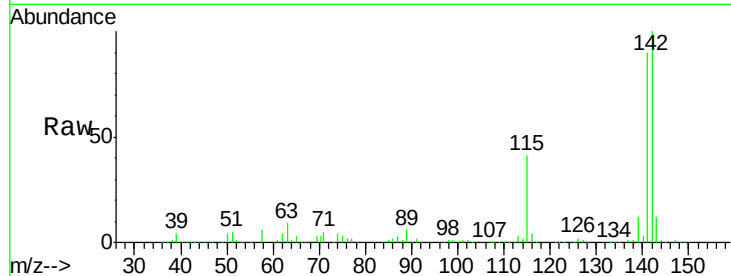




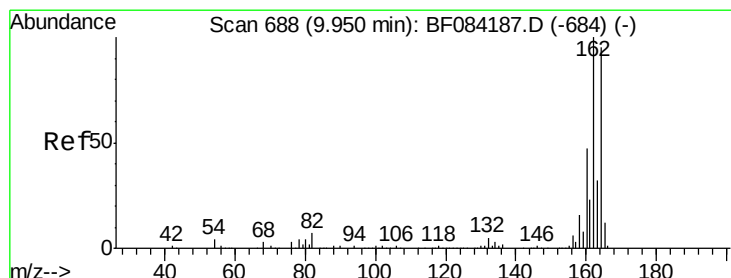
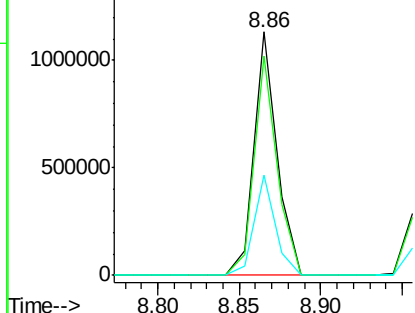
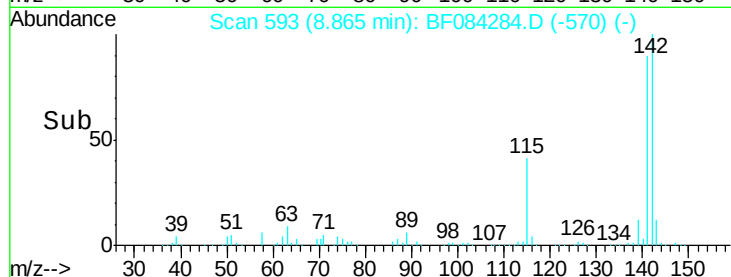
#37
 2-Methylnaphthalene
 Concen: 30.73 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

Tgt Ion:142 Resp: 1104176
 Ion Ratio Lower Upper
 142 100
 141 90.0 72.4 108.6
 115 41.0 27.9 41.9

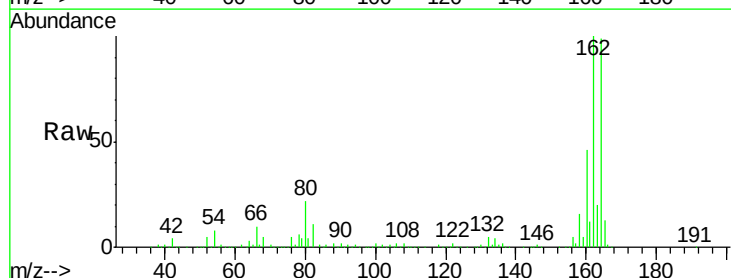


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

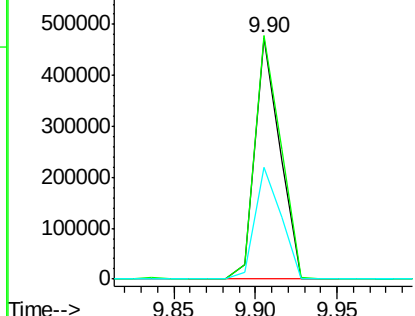
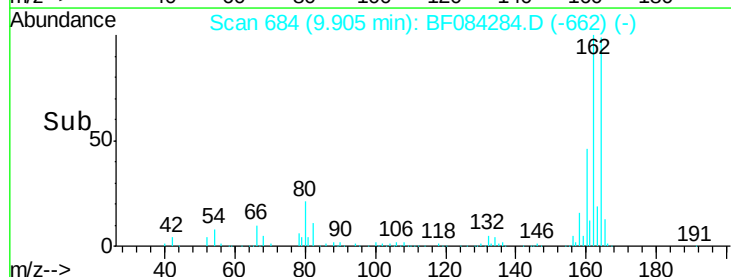


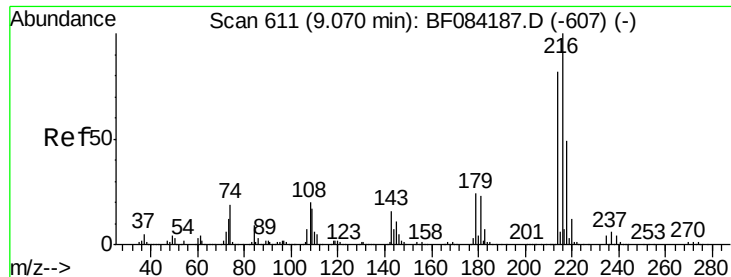
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion:164 Resp: 504892
 Ion Ratio Lower Upper
 164 100
 162 101.0 85.1 127.7
 160 46.4 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: 35.63 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

Tgt Ion:216 Resp: 517158

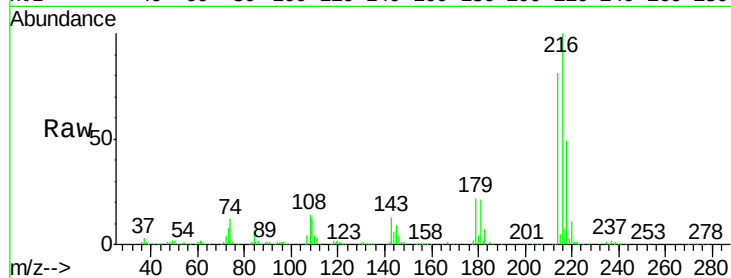
Ion Ratio Lower Upper

216 100

214 80.4 64.2 96.2

179 23.3 18.7 28.1

108 22.0 16.8 25.2

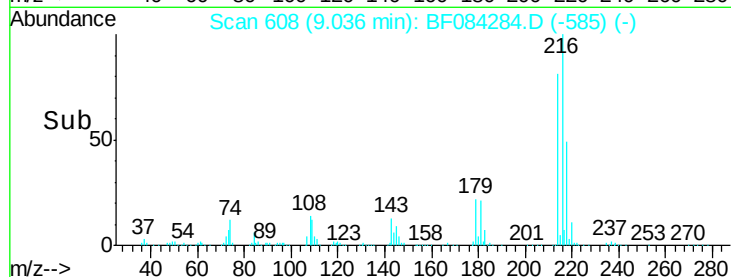


Abundance Ion 216.00 (215.70 to 216.70): E

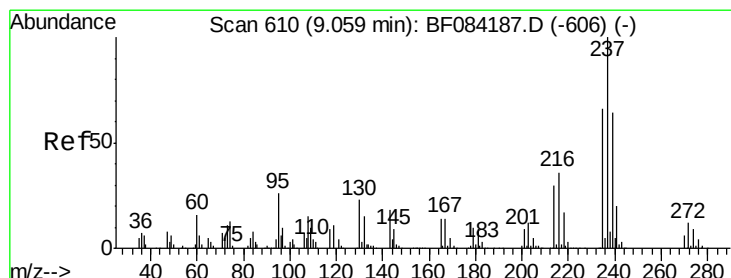
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 71.28 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

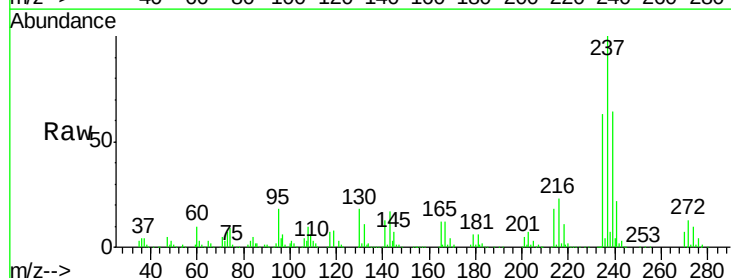
Tgt Ion:237 Resp: 624572

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

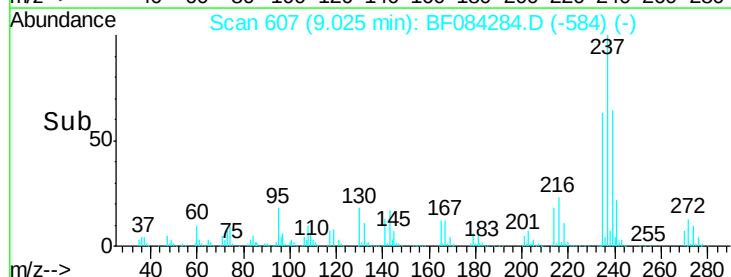
272 13.4 0.0 35.1



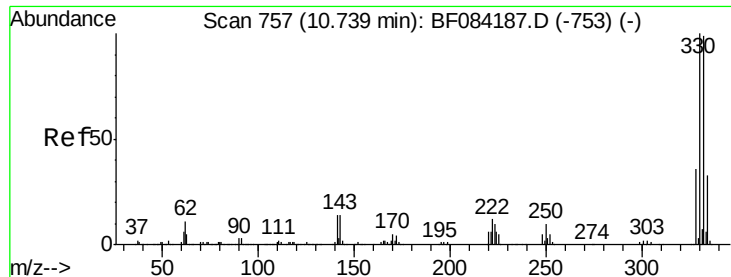
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



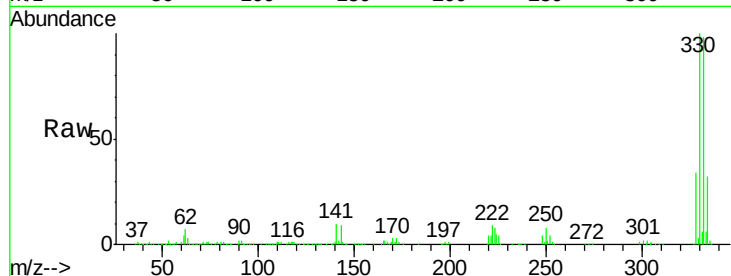
Time-->



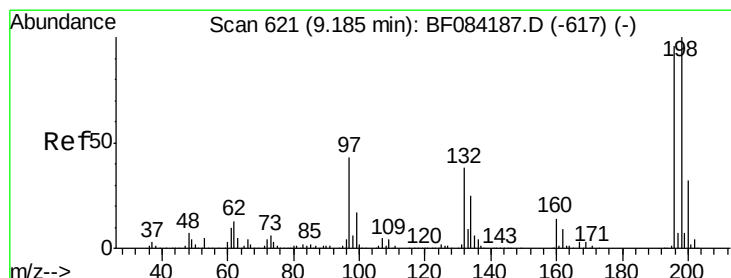
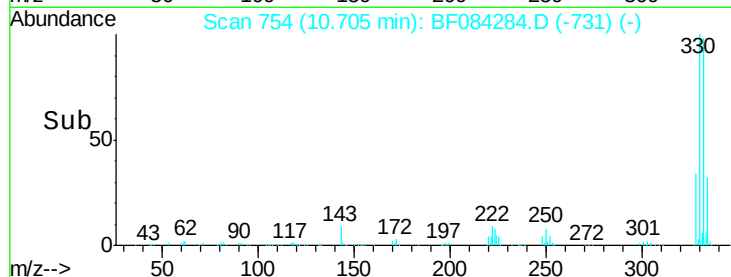
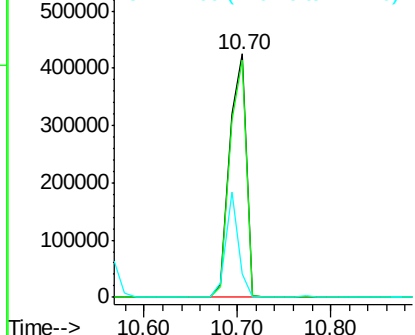
#41
 2,4,6-Tribromophenol
 Concen: 104.33 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

Tgt Ion:330 Resp: 531825
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 32.7 27.8 41.6

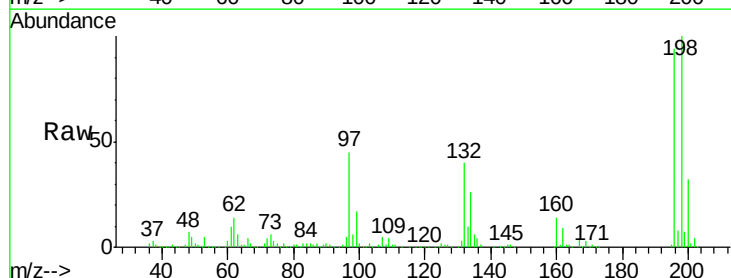


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

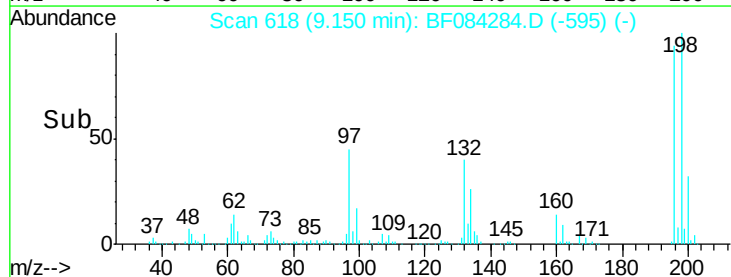
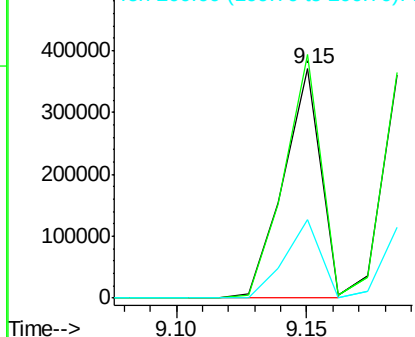


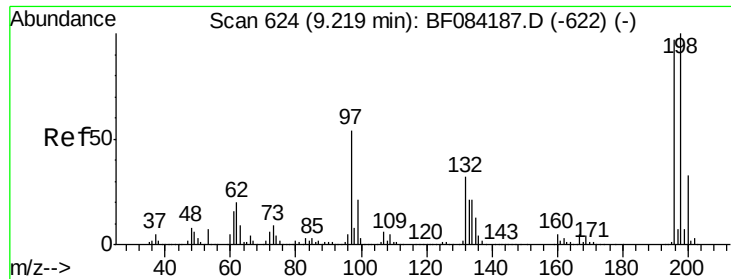
#42
 2,4,6-Trichlorophenol
 Concen: 33.84 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion:196 Resp: 367460
 Ion Ratio Lower Upper
 196 100
 198 106.3 77.7 116.5
 200 34.1 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

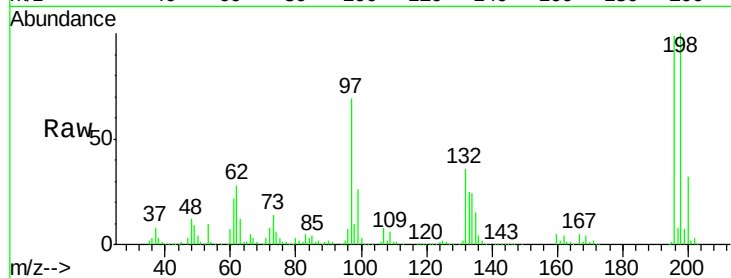




#43
 2,4,5-Trichlorophenol
 Concen: 34.12 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	79.0	118.6
97	70.4	33.0	49.6
132	36.9	21.1	31.7



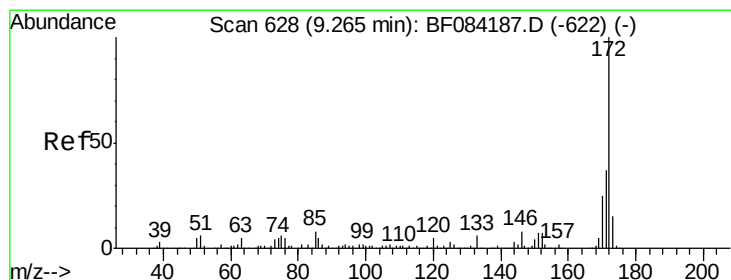
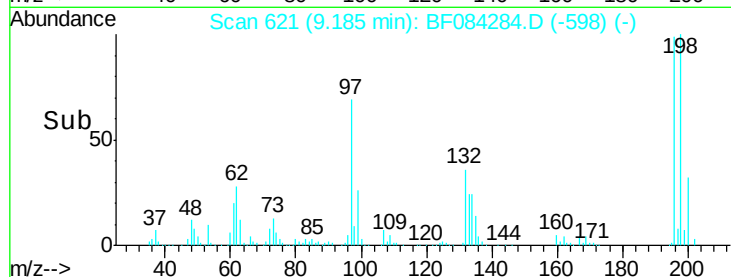
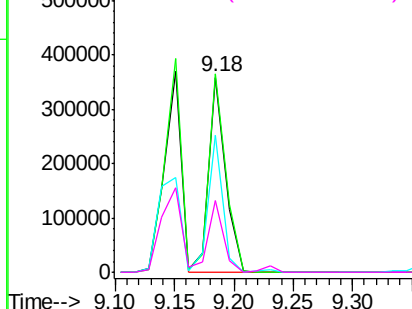
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

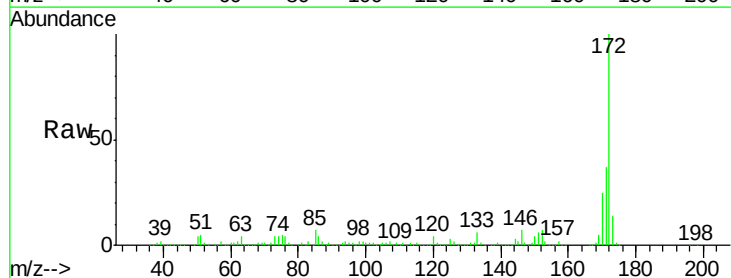
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.83 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	25.4	18.6	27.8

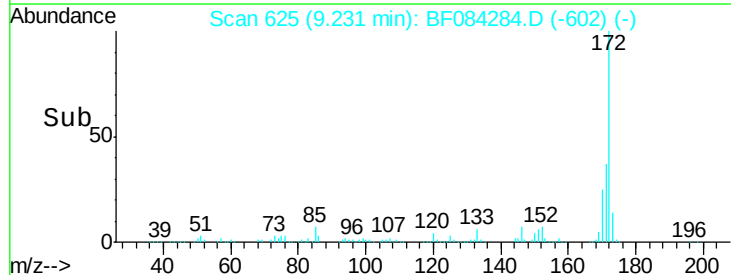
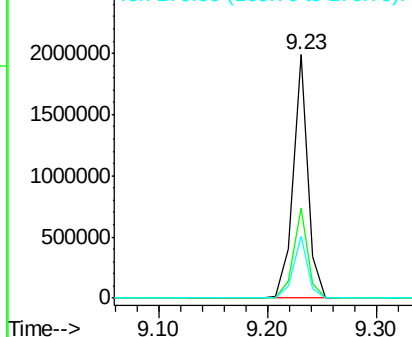


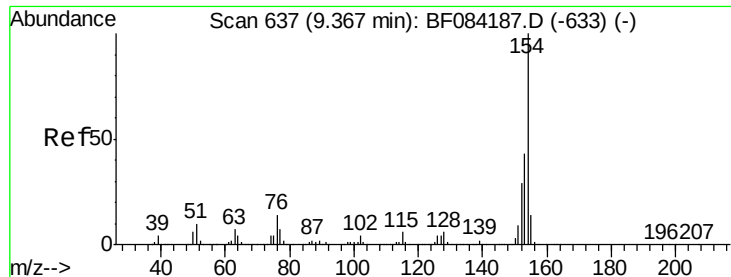
Abundance

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

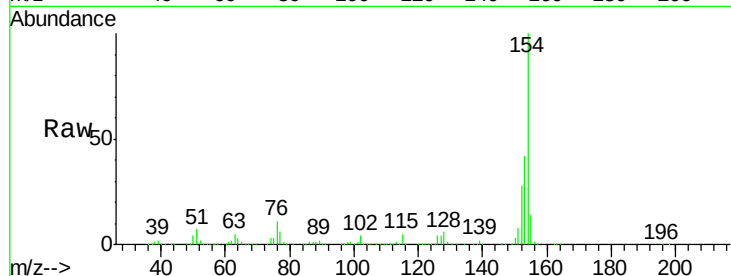




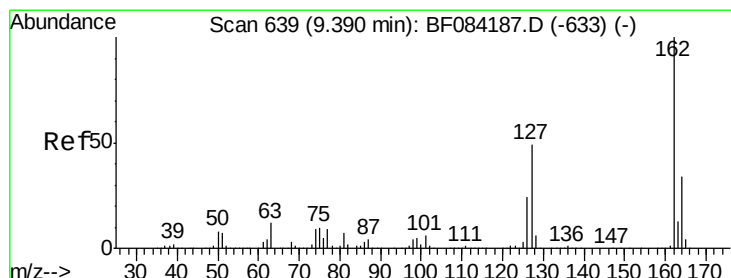
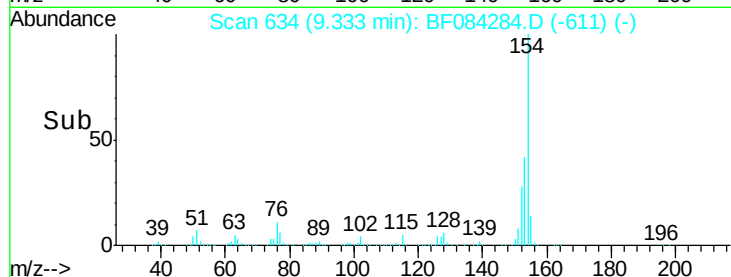
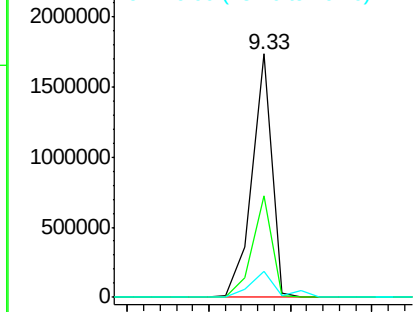
#45
 1,1'-Biphenyl
 Concen: 36.54 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

Tgt Ion:154 Resp: 1466205
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.6 61.6
 76 10.8 0.0 32.7

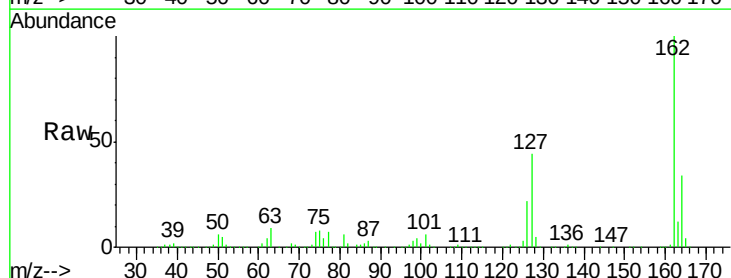


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

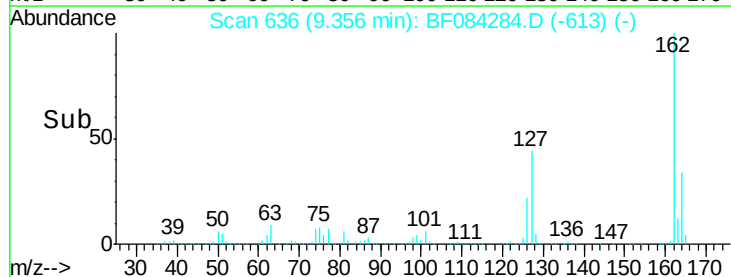
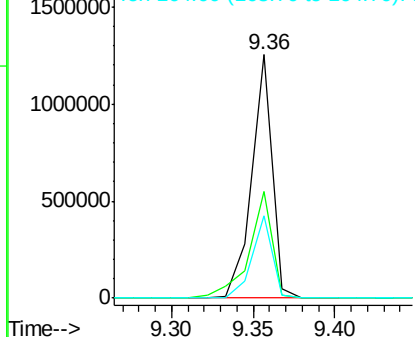


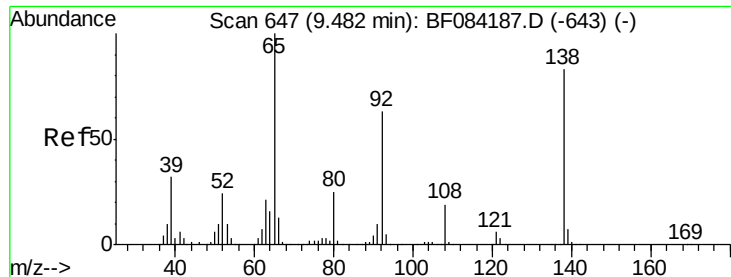
#46
 2-Chloronaphthalene
 Concen: 34.67 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion:162 Resp: 1092724
 Ion Ratio Lower Upper
 162 100
 127 44.0 40.2 60.4
 164 33.9 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

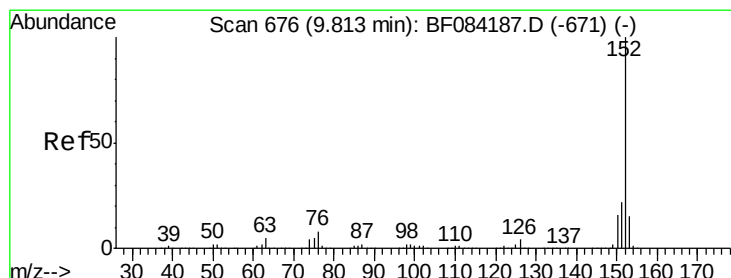
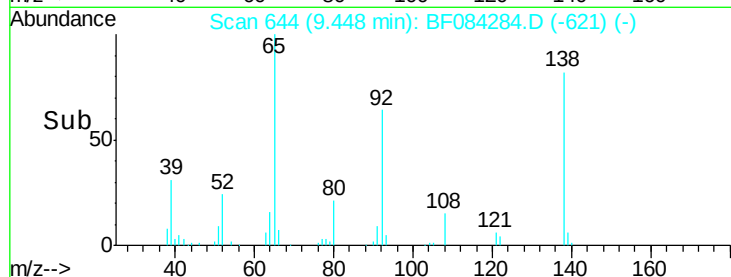
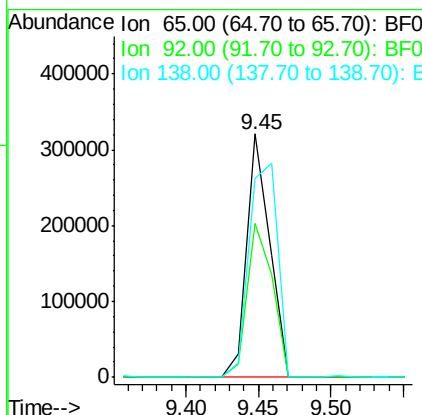
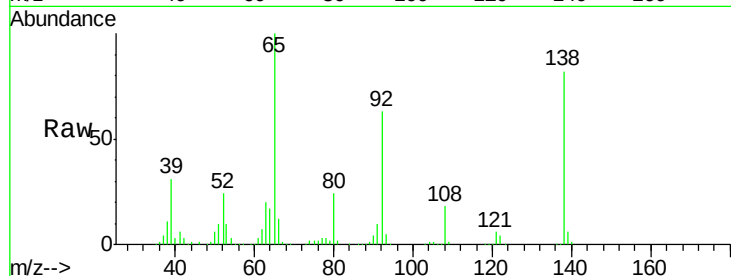




#47
 2-Nitroaniline
 Concen: 33.90 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

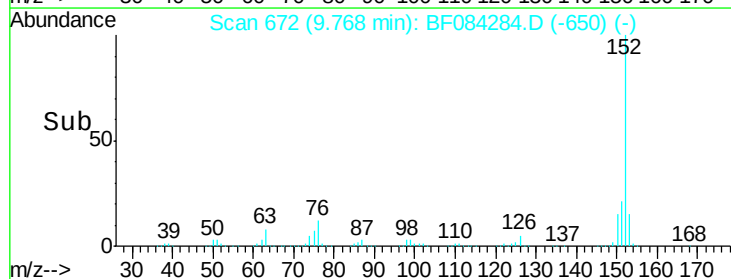
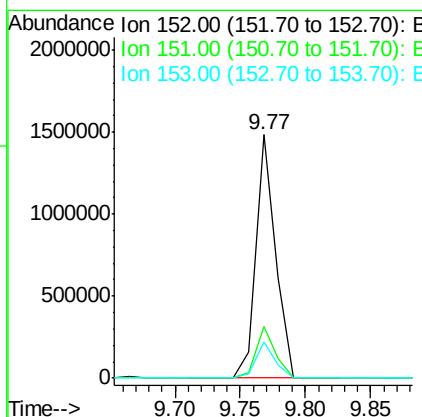
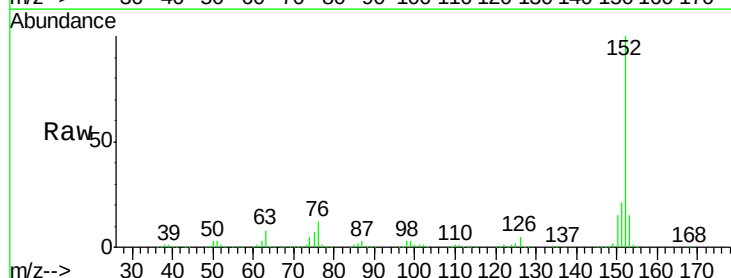
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

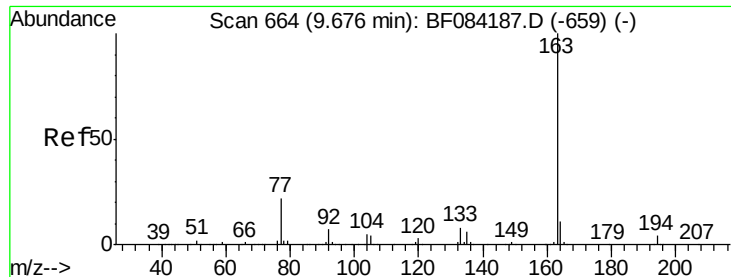
Tgt Ion: 65 Resp: 352632
 Ion Ratio Lower Upper
 65 100
 92 63.5 53.4 80.2
 138 81.7 71.1 106.7



#48
 Acenaphthylene
 Concen: 33.38 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion: 152 Resp: 1554453
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 15.0 10.4 15.6

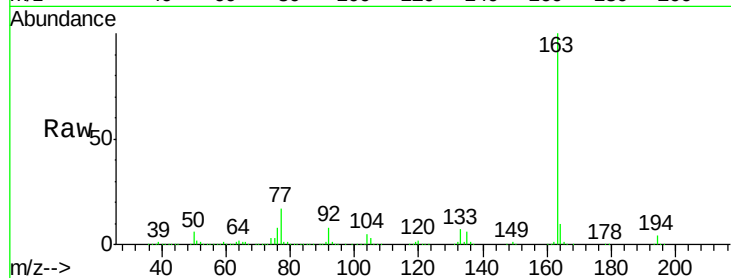




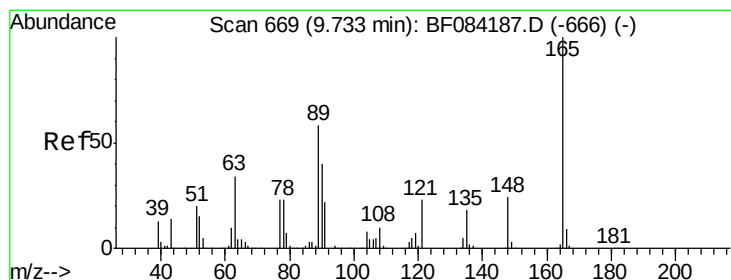
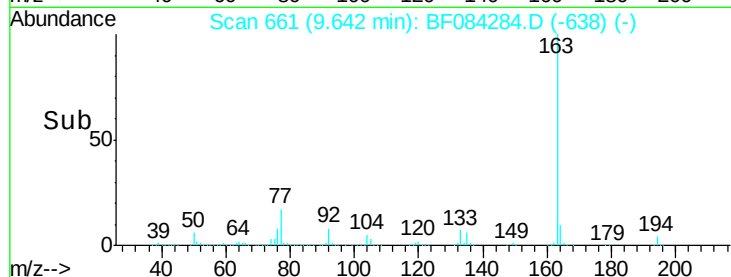
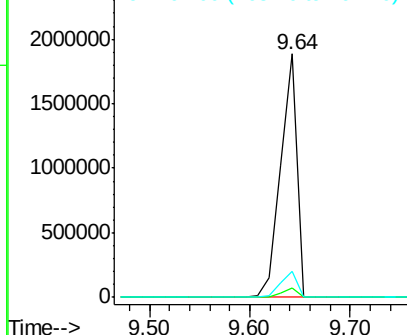
#49
Dimethylphthalate
Concen: 58.53 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Tgt Ion:163 Resp: 2112613
Ion Ratio Lower Upper
163 100
194 3.8 8.0 12.0#
164 10.5 8.0 12.0

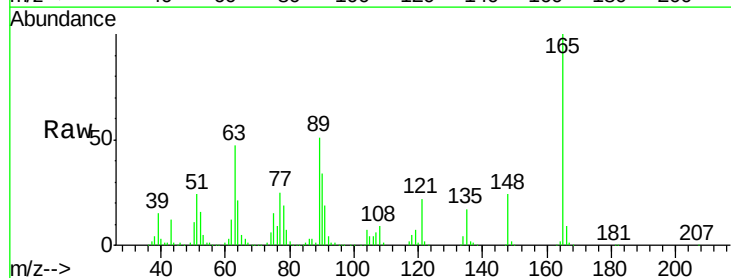


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

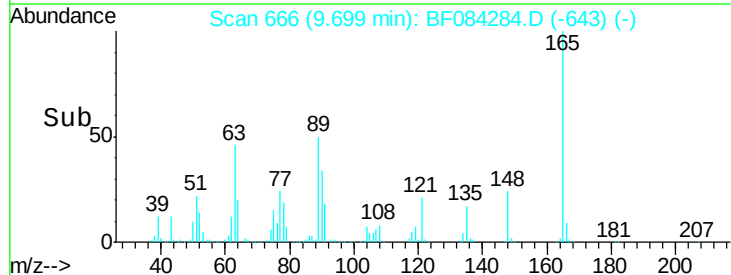
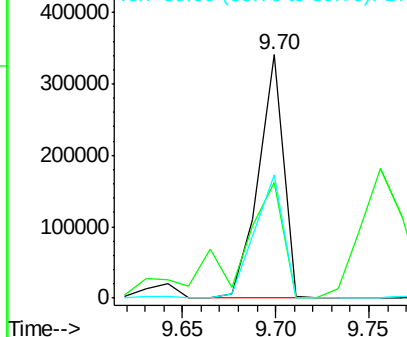


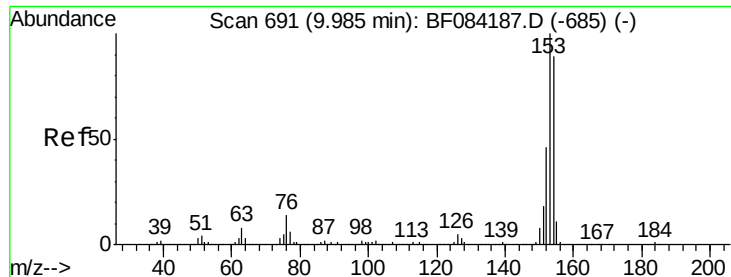
#50
2,6-Dinitrotoluene
Concen: 39.83 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:165 Resp: 315346
Ion Ratio Lower Upper
165 100
63 47.5 28.8 43.2#
89 50.6 35.1 52.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.96 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

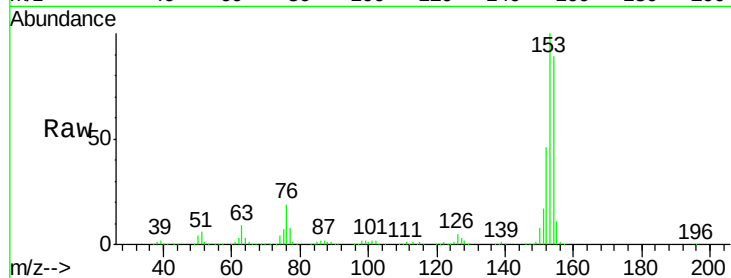
Tgt Ion:154 Resp: 1060725

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

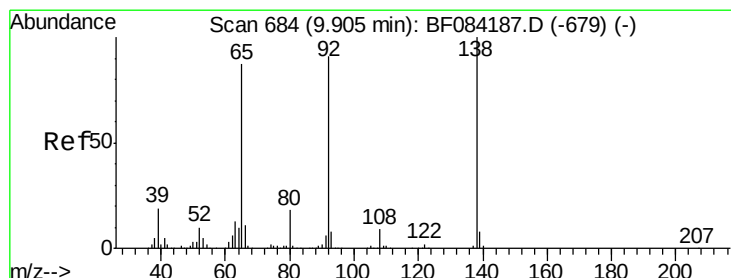
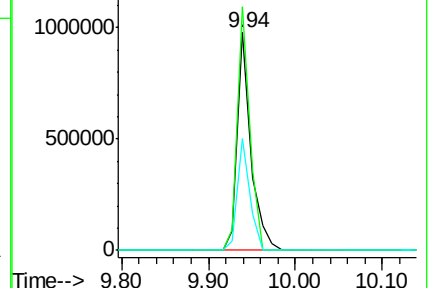
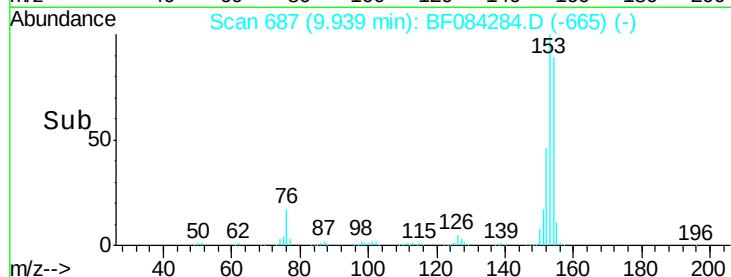
152 51.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.75 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

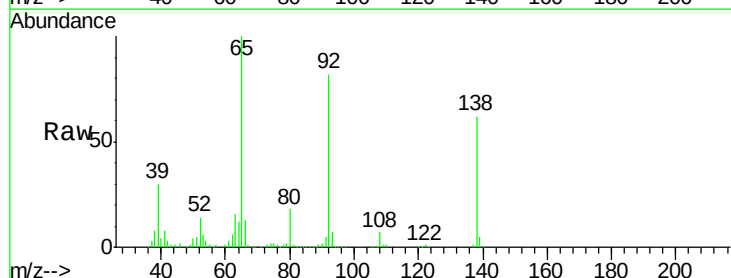
Tgt Ion:138 Resp: 232955

Ion Ratio Lower Upper

138 100

108 11.3 10.5 15.7

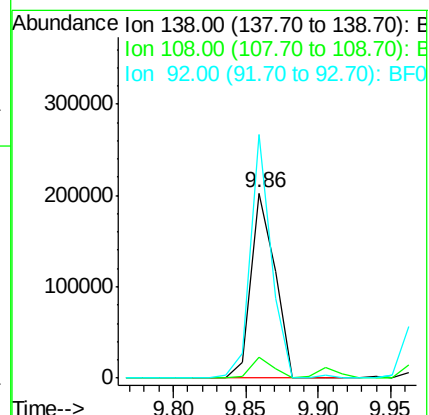
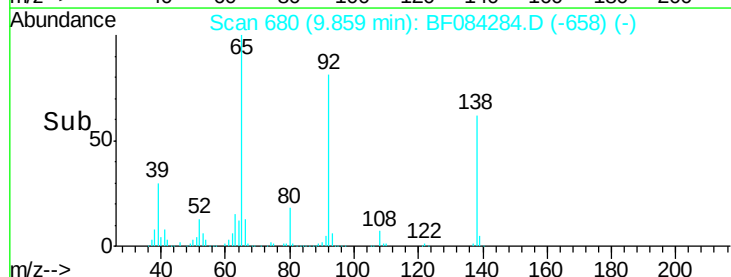
92 131.7 103.9 155.9

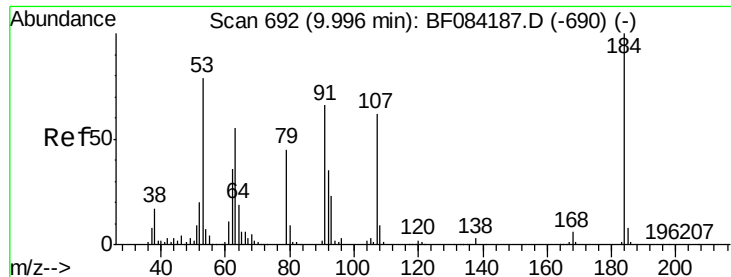


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

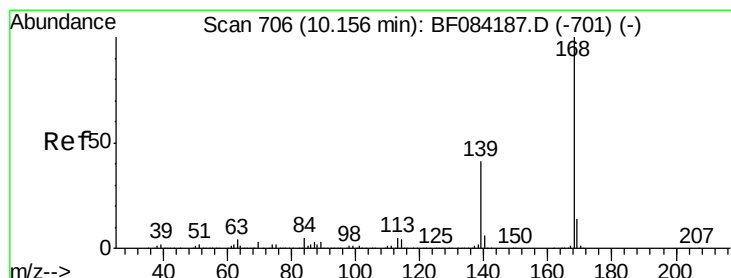
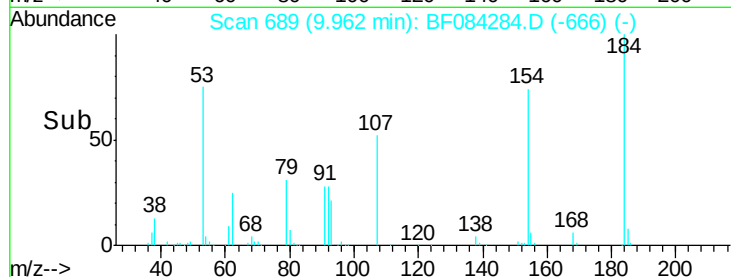
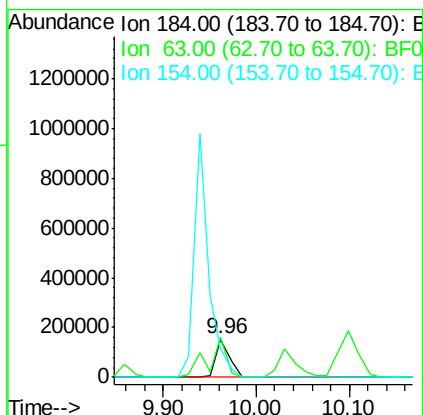
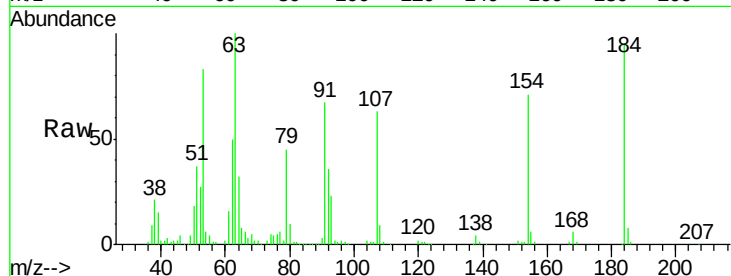




#53
2,4-Dinitrophenol
Concen: 48.25 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

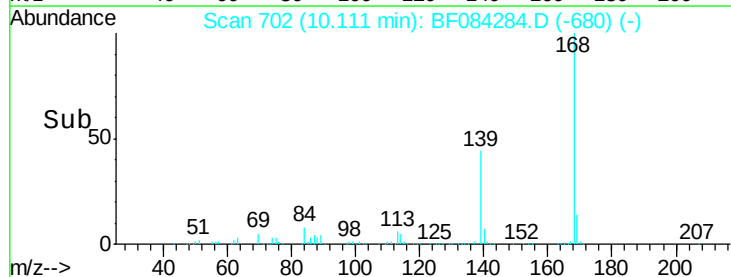
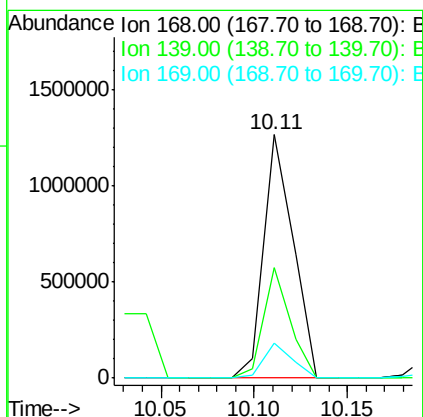
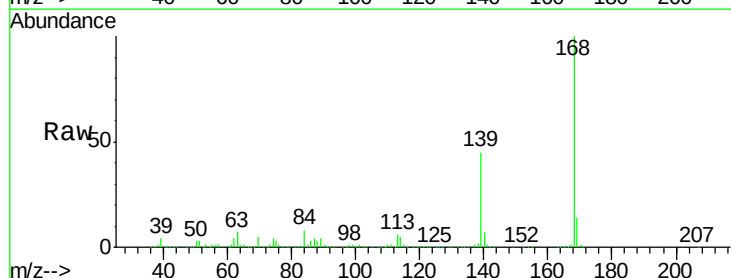
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

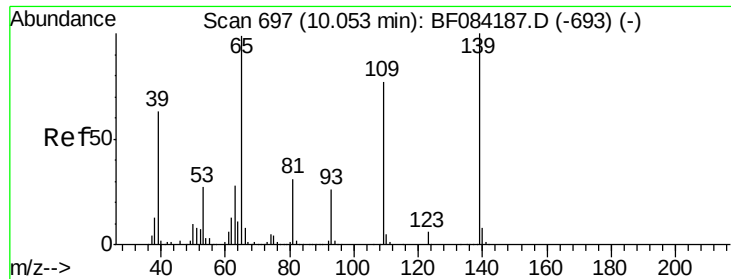
Tgt Ion:184 Resp: 157739
Ion Ratio Lower Upper
184 100
63 105.3 43.1 64.7#
154 74.3 60.5 90.7



#54
Dibenzofuran
Concen: 33.48 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:168 Resp: 1385226
Ion Ratio Lower Upper
168 100
139 45.5 30.5 45.7
169 14.3 10.4 15.6

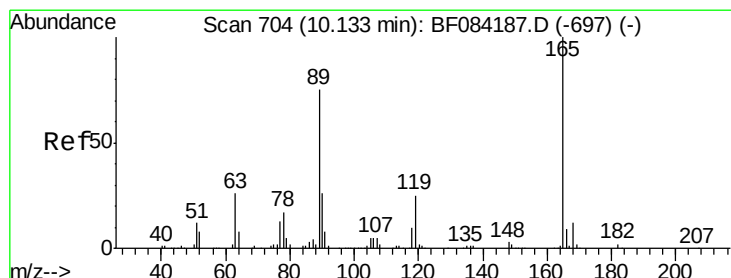
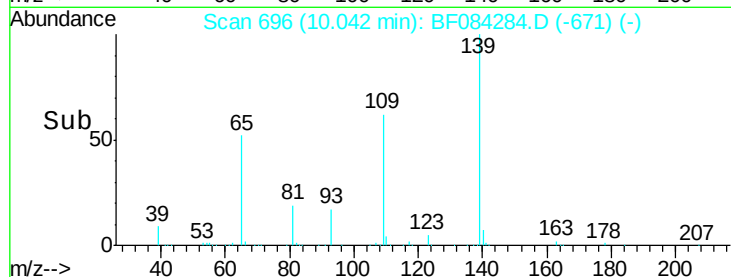
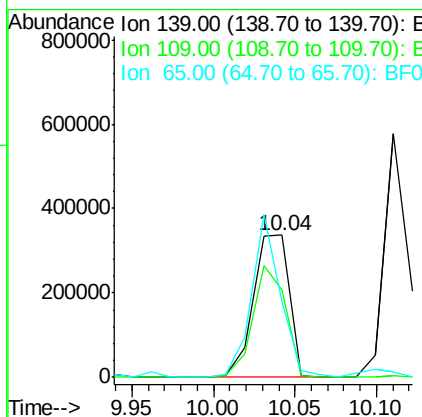
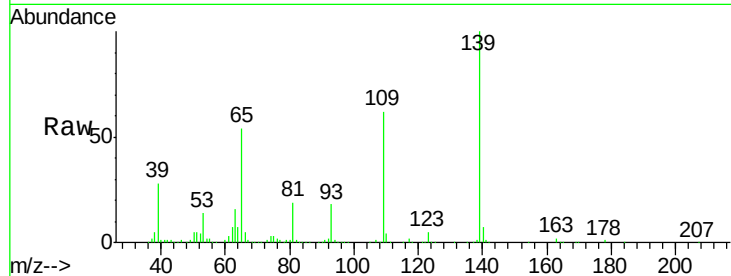




#55
4-Nitrophenol
Concen: 72.54 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

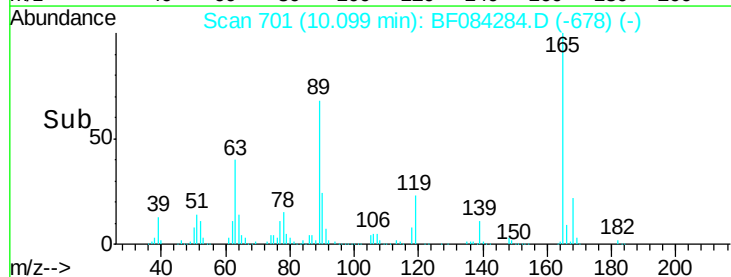
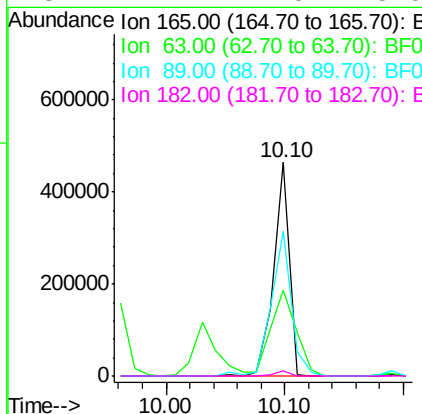
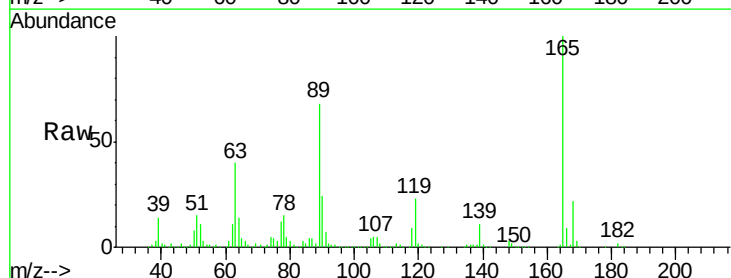
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

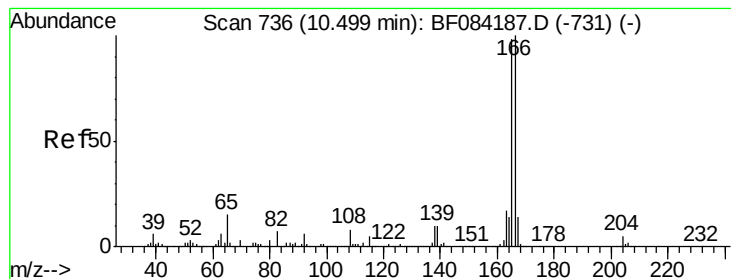
Tgt Ion:139 Resp: 516530
Ion Ratio Lower Upper
139 100
109 62.0 58.5 98.5
65 53.9 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 42.67 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:165 Resp: 427521
Ion Ratio Lower Upper
165 100
63 40.1 36.7 55.1
89 67.9 61.9 92.9
182 2.2 2.0 3.0





#57

Fluorene

Concen: 32.05 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

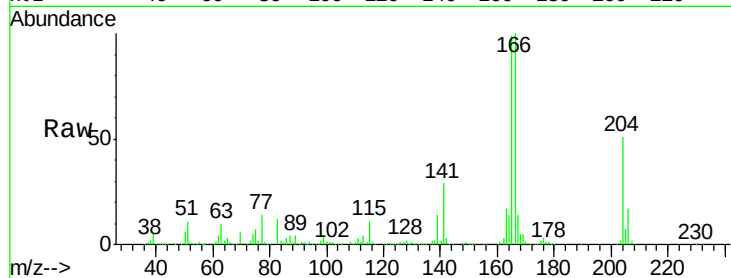
Tgt Ion:166 Resp: 1024157

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

167 14.2 10.4 15.6

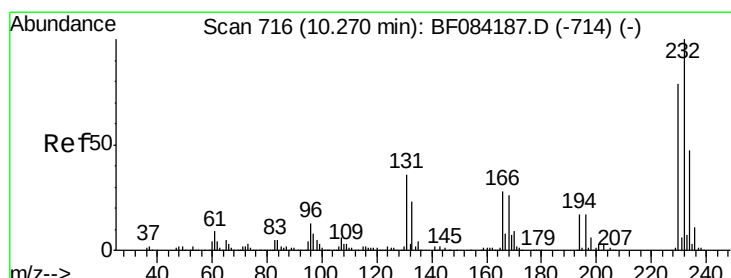
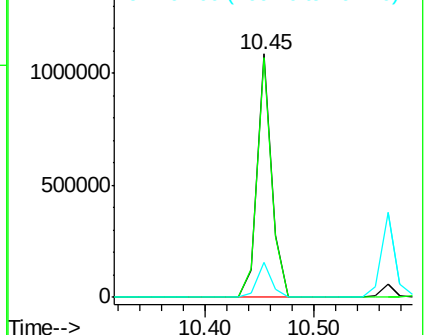
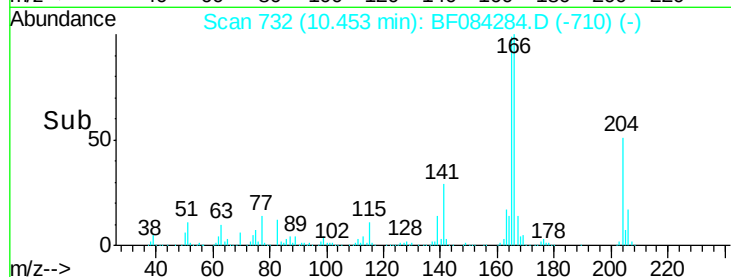


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.45 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Tgt Ion:232 Resp: 315081

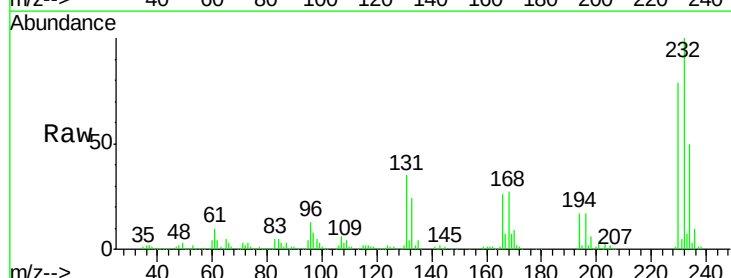
Ion Ratio Lower Upper

232 100

131 46.4 47.0 70.6#

130 2.5 2.0 3.0

166 30.9 30.5 45.7



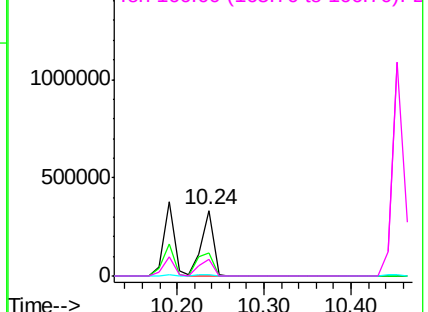
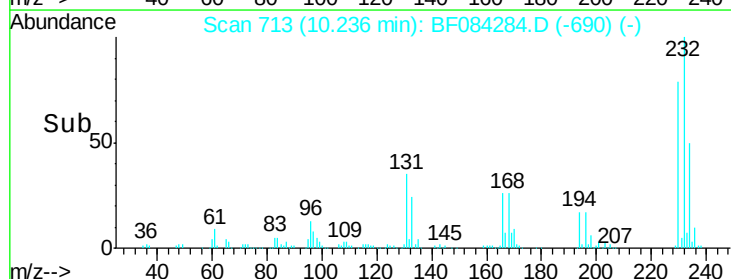
Abundance

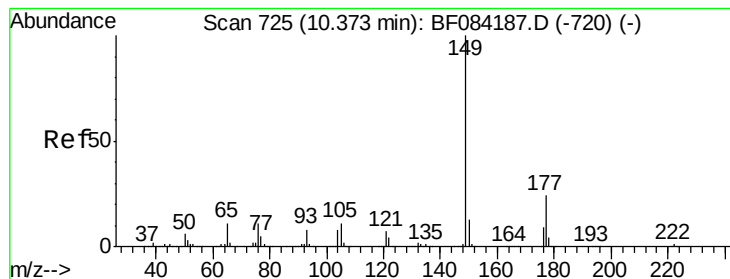
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.17 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

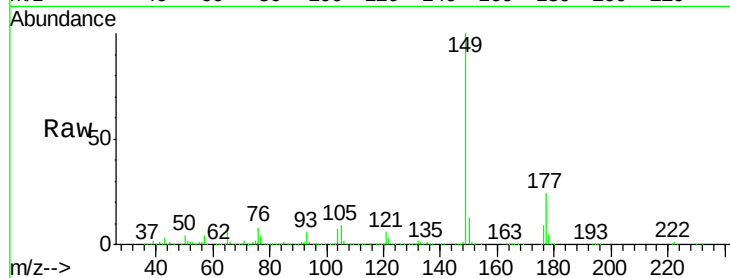
Tgt Ion:149 Resp: 1287144

Ion Ratio Lower Upper

149 100

177 23.7 17.3 25.9

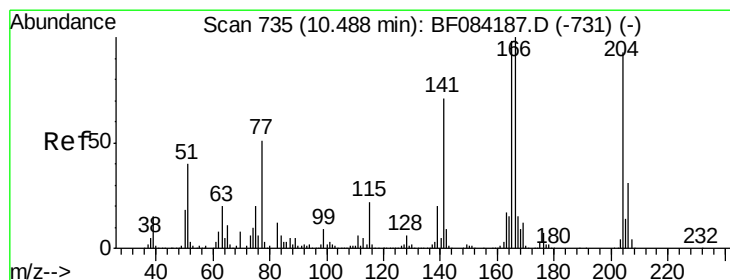
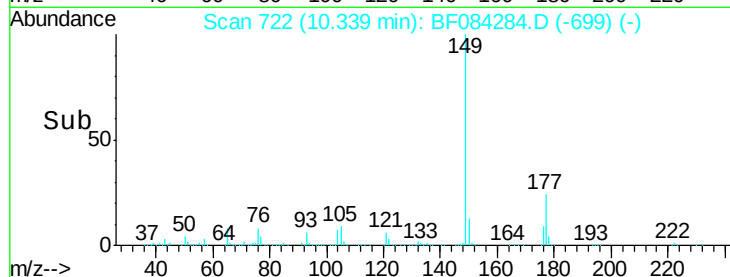
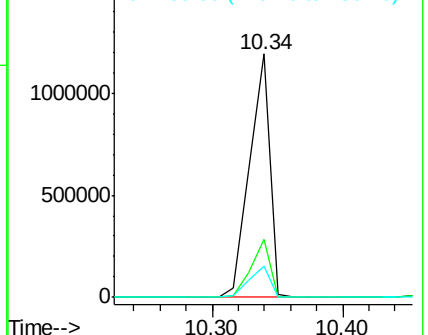
150 12.6 9.8 14.8



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: 39.77 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

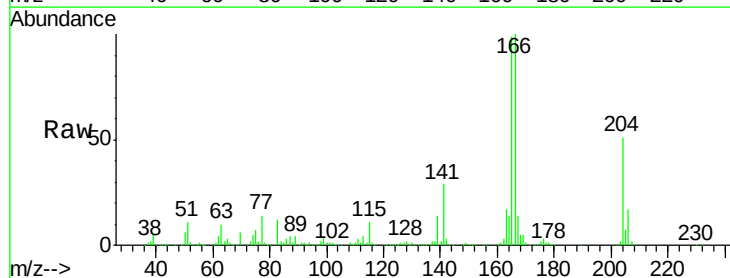
Tgt Ion:204 Resp: 537066

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

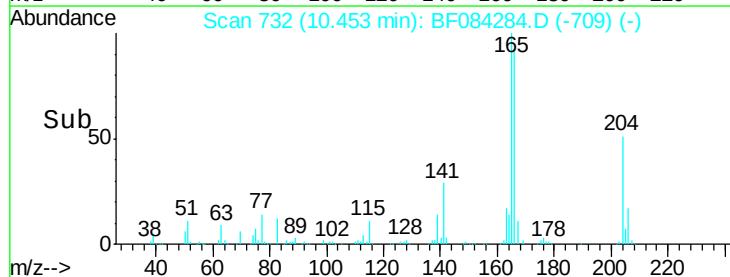
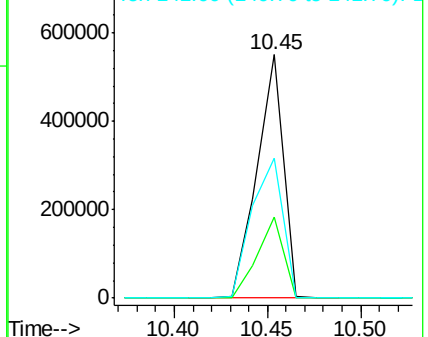
141 57.4 55.1 82.7

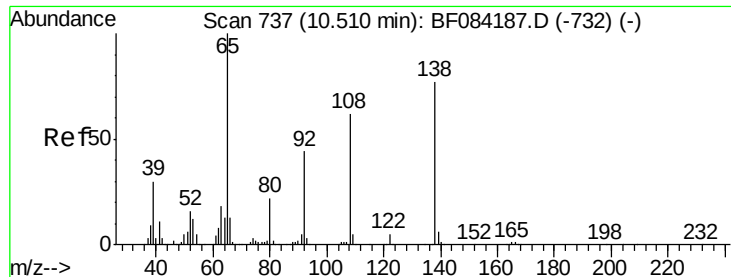


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.71 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

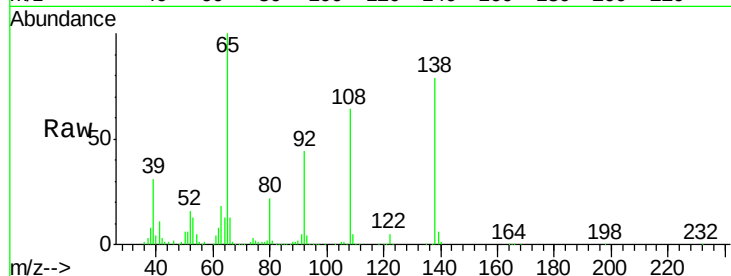
Tgt Ion:138 Resp: 277254

Ion Ratio Lower Upper

138 100

92 55.5 32.6 72.6

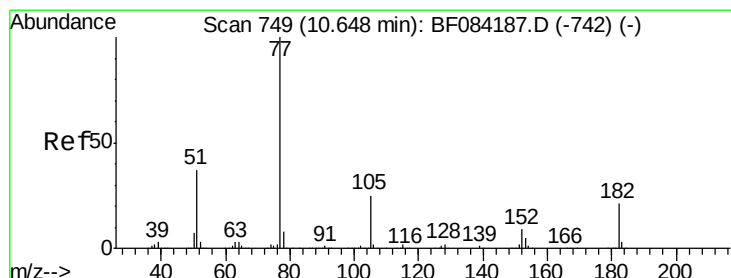
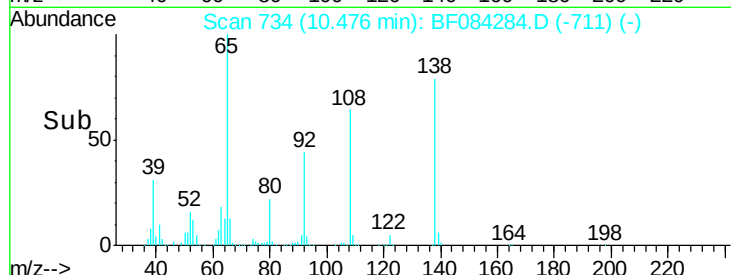
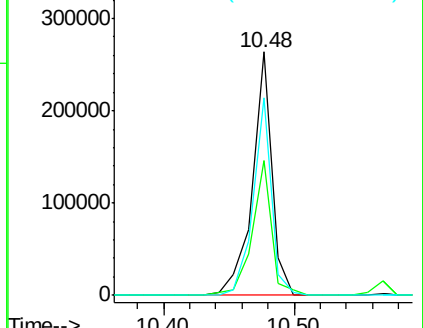
108 81.1 68.6 108.6



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: 34.79 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Tgt Ion: 77 Resp: 1357803

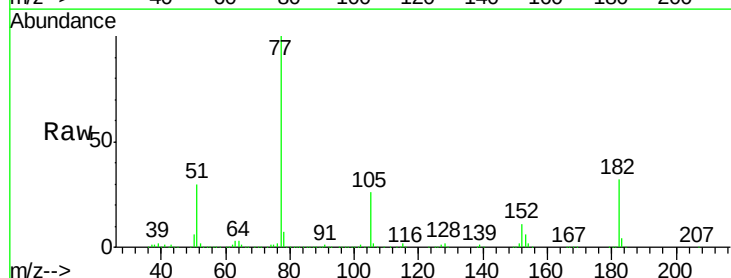
Ion Ratio Lower Upper

77 100

182 31.7 8.3 48.3

105 26.2 4.6 44.6

51 29.7 6.2 46.2

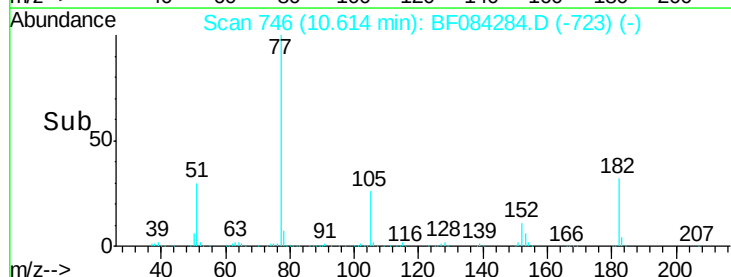
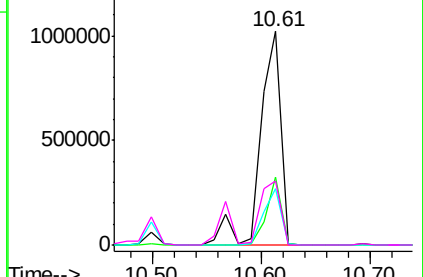


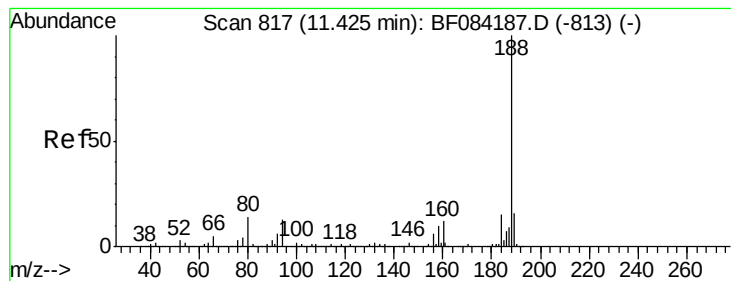
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

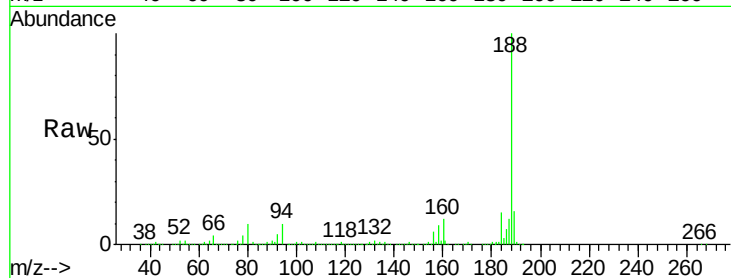
Tgt Ion:188 Resp: 927711

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

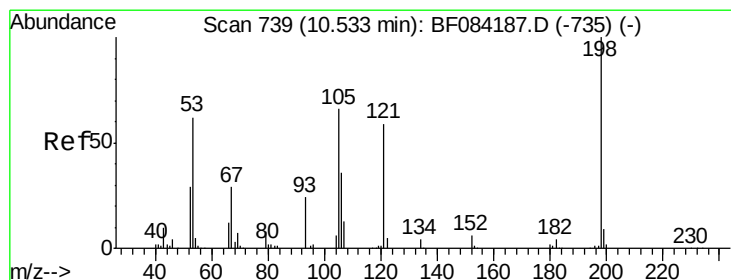
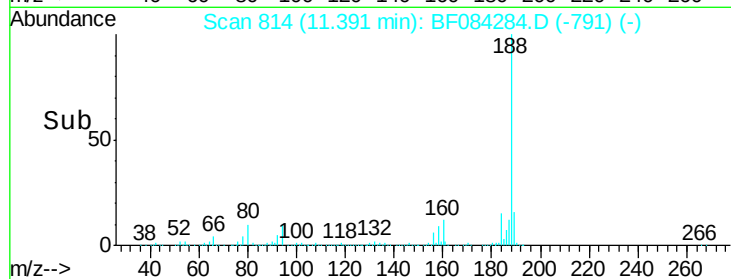
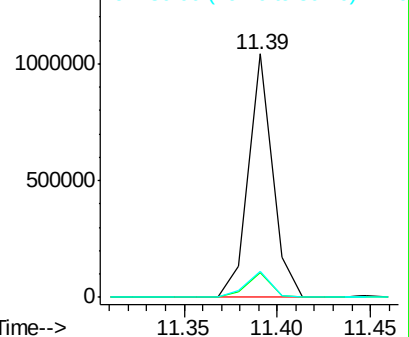
80 10.5 9.6 14.4



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: 28.65 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

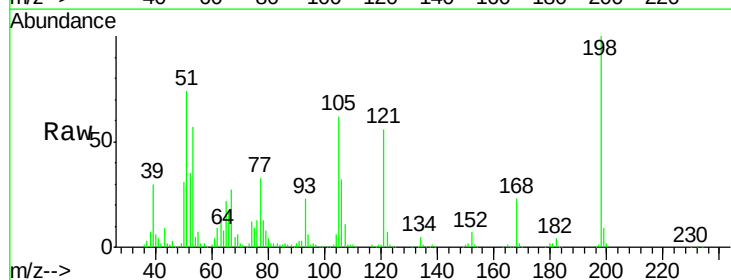
Tgt Ion:198 Resp: 158382

Ion Ratio Lower Upper

198 100

51 73.8 18.9 58.9#

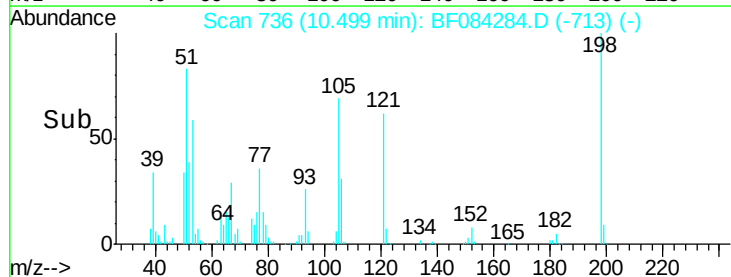
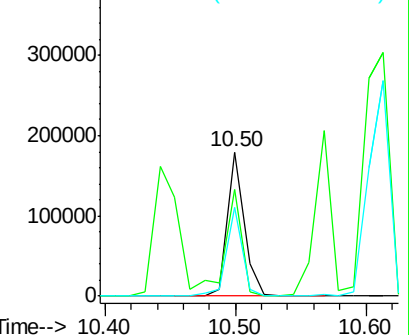
105 61.6 26.4 66.4

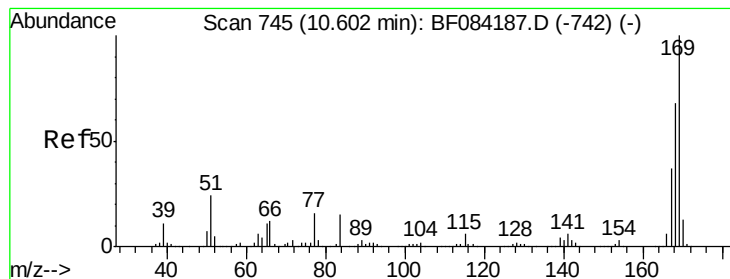


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

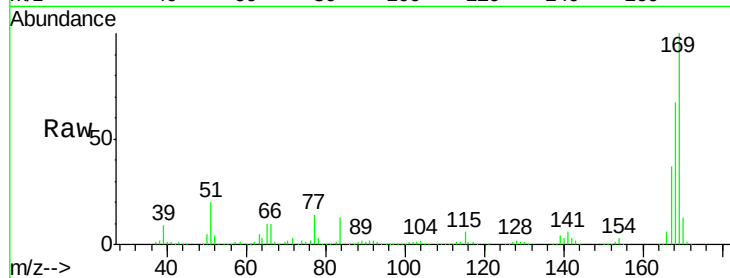




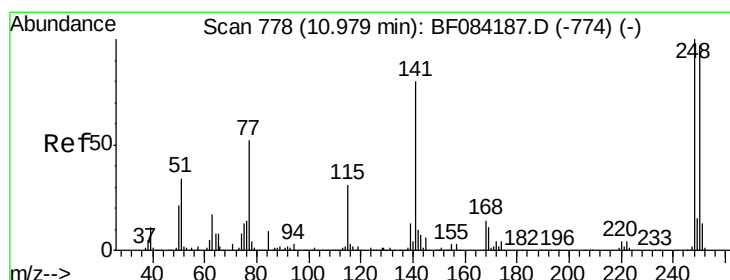
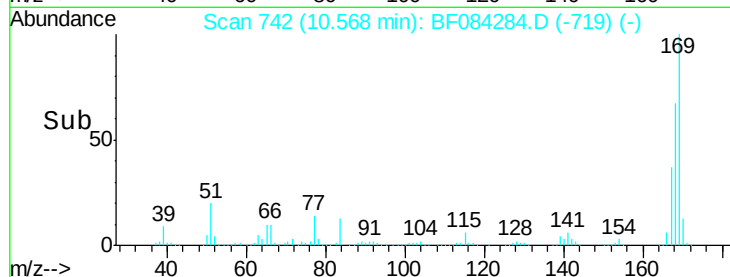
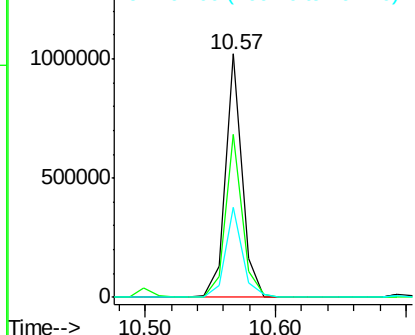
#65
 n-Nitrosodiphenylamine
 Concen: 30.62 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MS

Tgt Ion:169 Resp: 908086
 Ion Ratio Lower Upper
 169 100
 168 67.2 55.1 82.7
 167 37.1 30.0 45.0

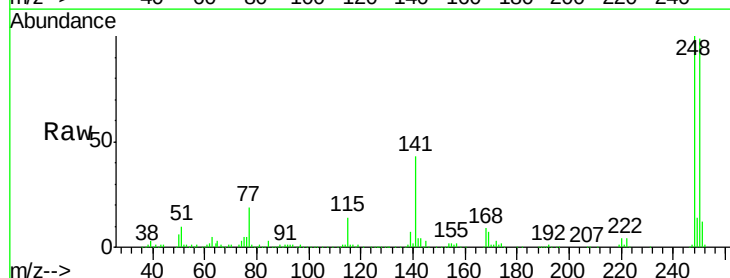


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

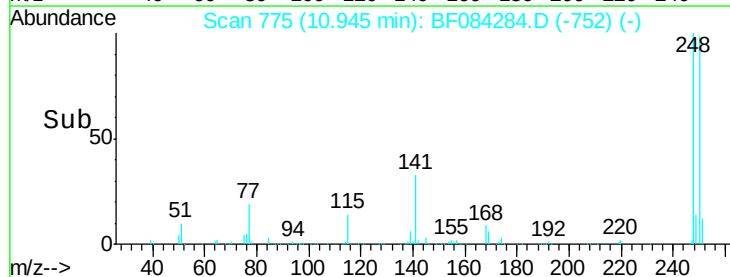
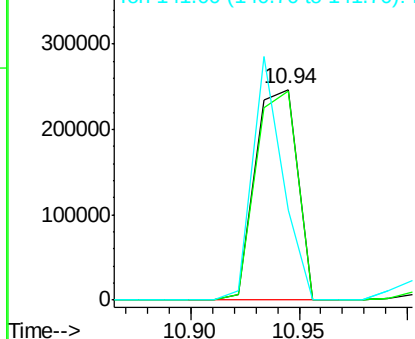


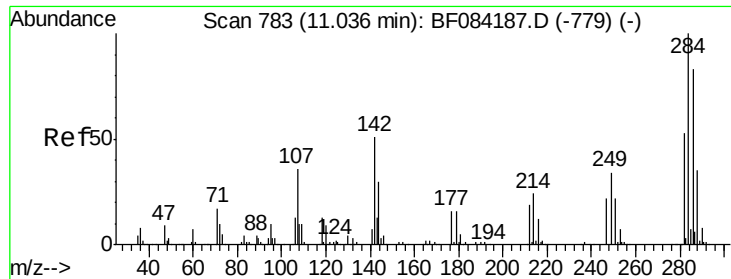
#66
 4-Bromophenyl-phenylether
 Concen: 33.61 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF084284.D
 Acq: 6 Jan 2016 12:37

Tgt Ion:248 Resp: 335652
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.4 117.6
 141 42.8 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

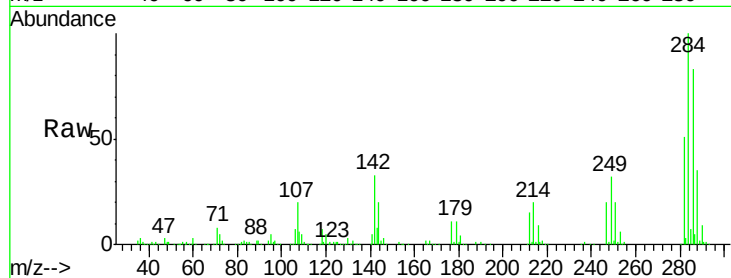




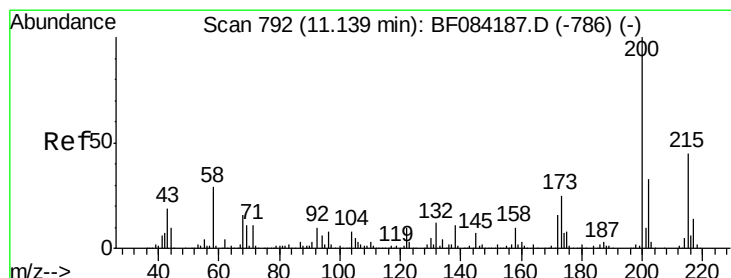
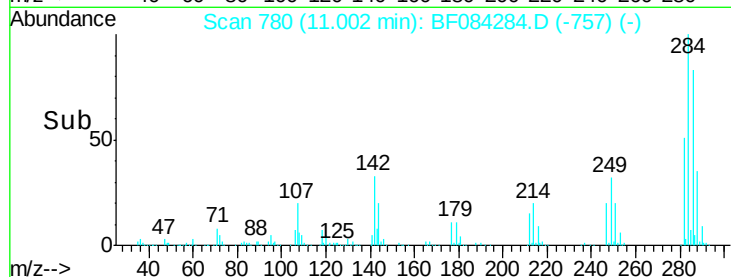
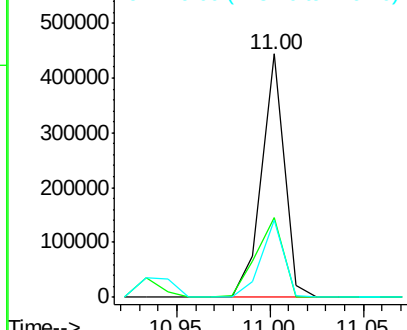
#67
Hexachlorobenzene
Concen: 33.06 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Tgt Ion:284 Resp: 371541
Ion Ratio Lower Upper
284 100
142 32.7 22.2 33.4
249 31.9 24.6 37.0

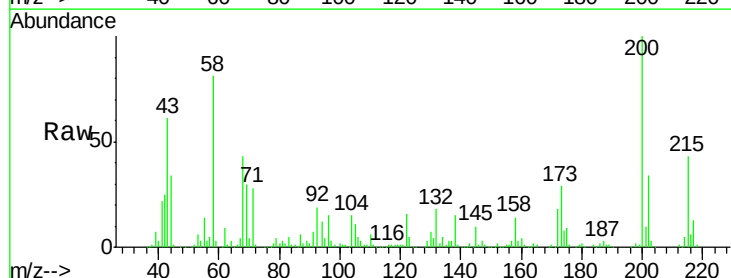


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

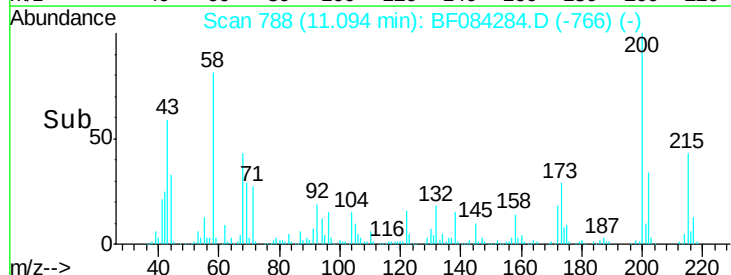
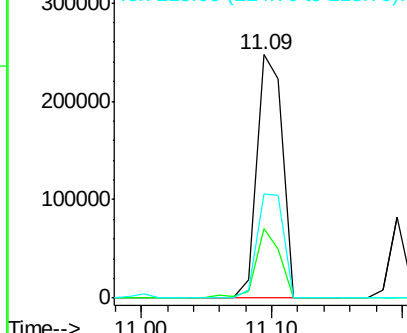


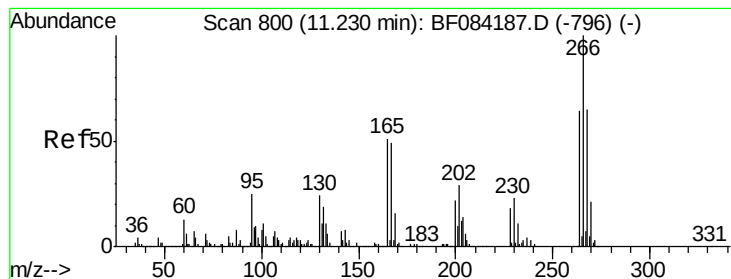
#68
Atrazine
Concen: 34.69 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:200 Resp: 336734
Ion Ratio Lower Upper
200 100
173 28.7 9.5 49.5
215 42.6 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: 55.40 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

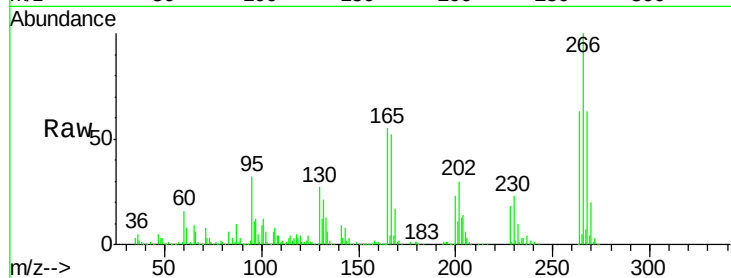
Tgt Ion:266 Resp: 322827

Ion Ratio Lower Upper

266 100

268 62.9 52.4 78.6

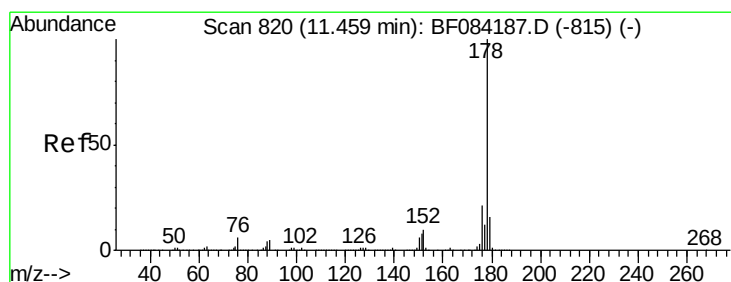
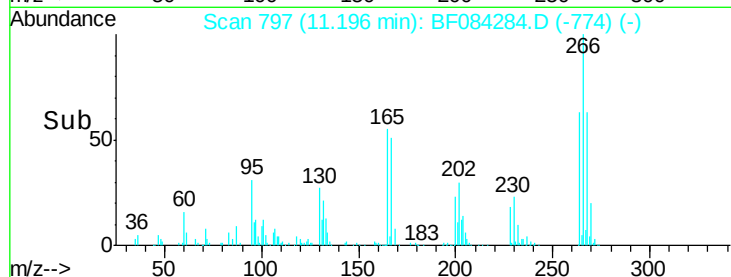
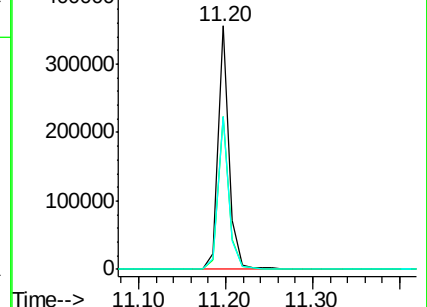
264 62.8 50.2 75.2



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: 31.90 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

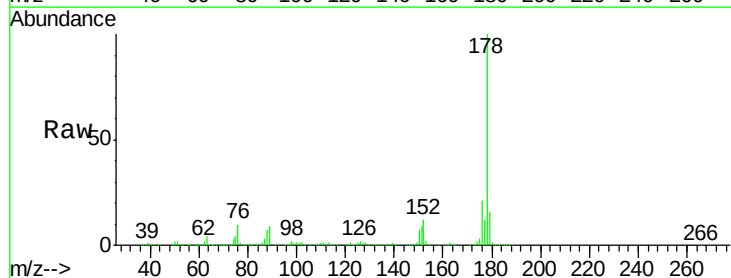
Tgt Ion:178 Resp: 1548199

Ion Ratio Lower Upper

178 100

176 20.6 15.3 22.9

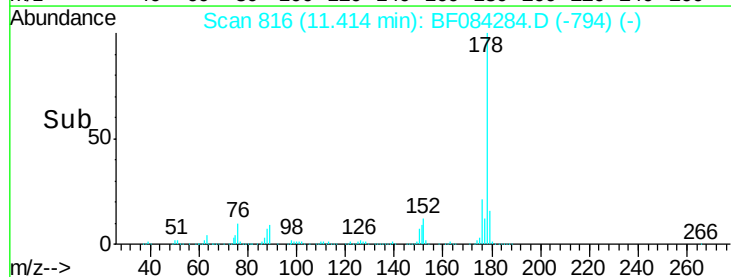
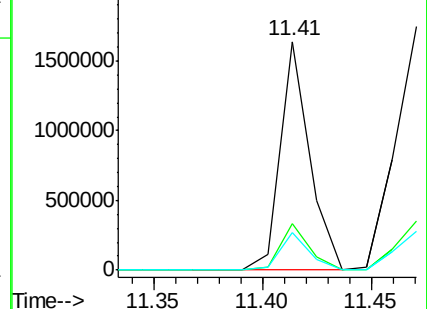
179 16.2 12.0 18.0

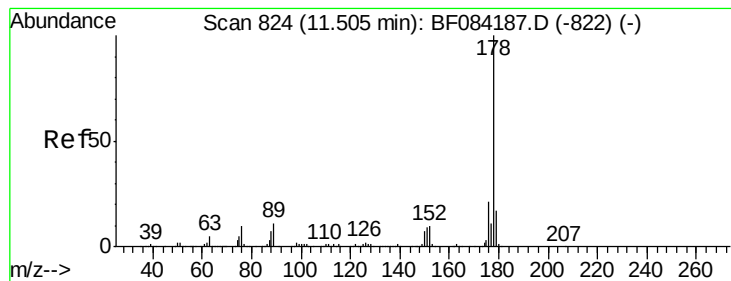


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.28 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

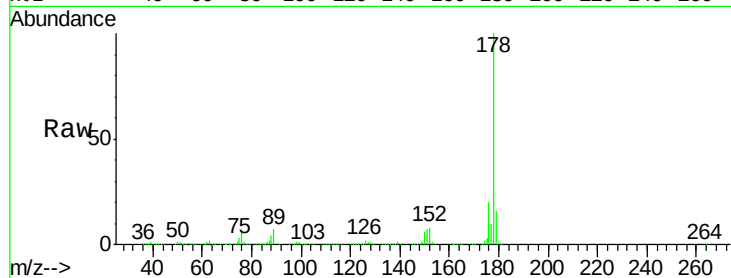
Tgt Ion:178 Resp: 1773494

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

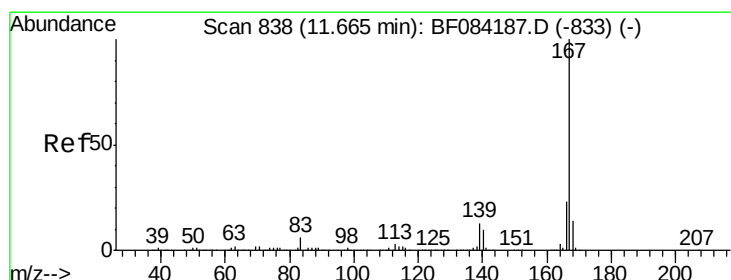
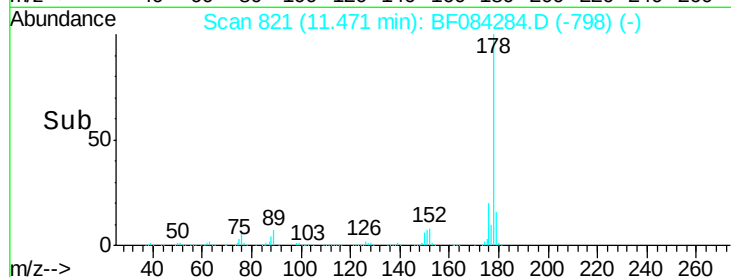
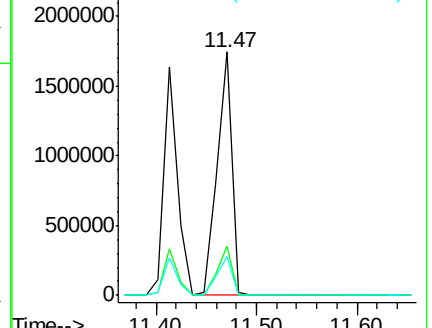
179 15.9 12.5 18.7



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: 32.37 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

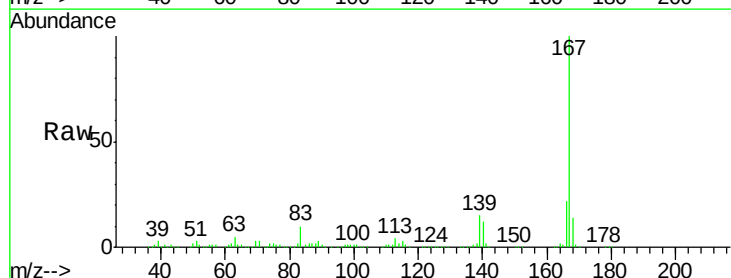
Tgt Ion:167 Resp: 1505164

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

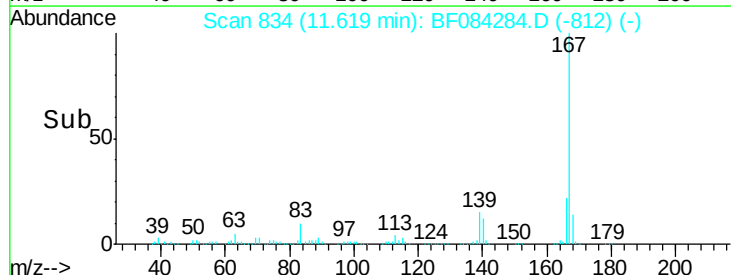
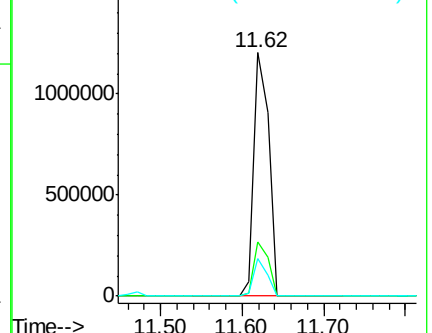
139 15.2 11.8 17.8

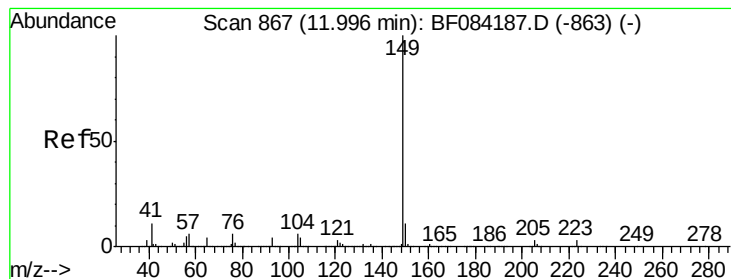


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.90 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

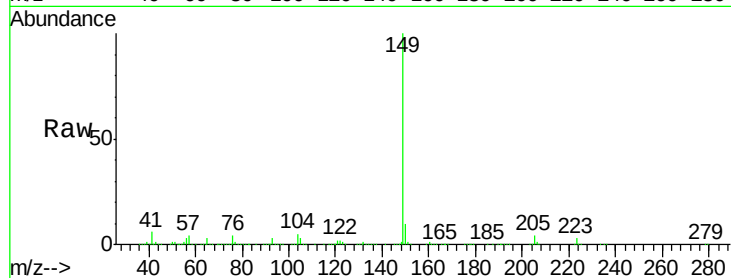
Tgt Ion:149 Resp: 1914007

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

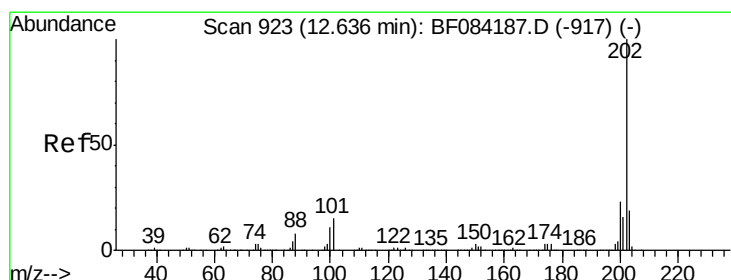
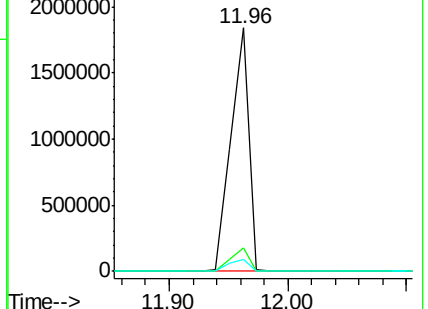
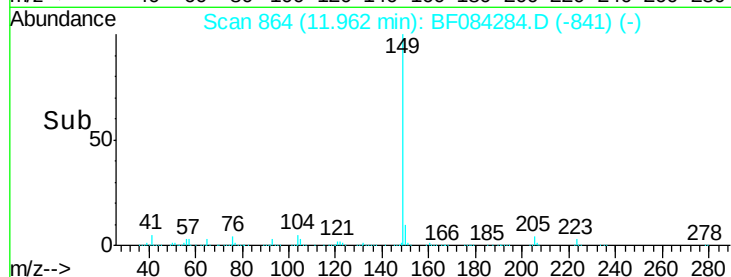
104 4.8 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.52 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

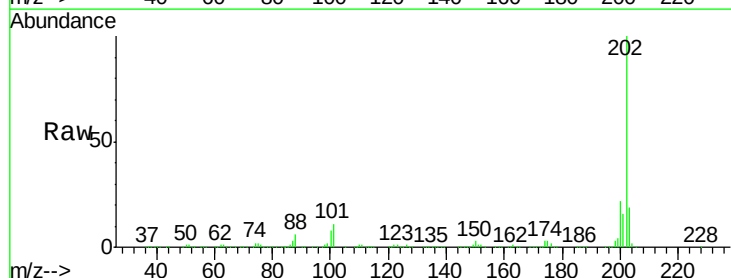
Tgt Ion:202 Resp: 1749938

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.8

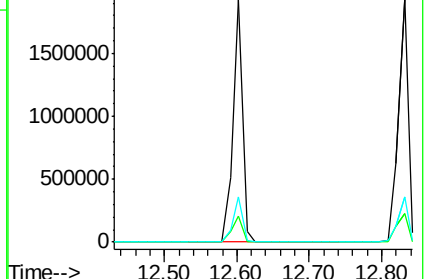
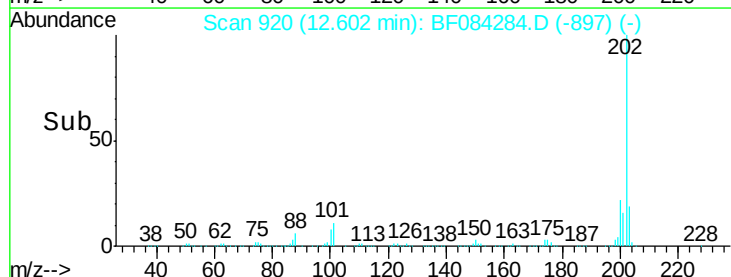
203 18.9 0.0 37.9

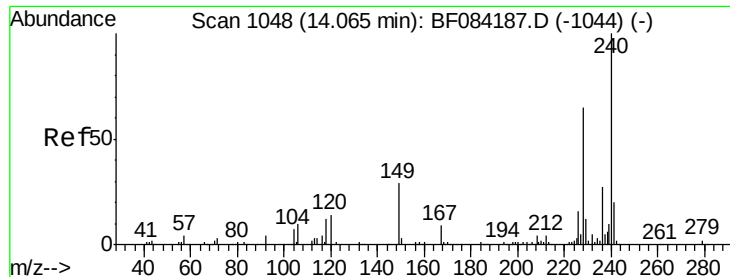


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

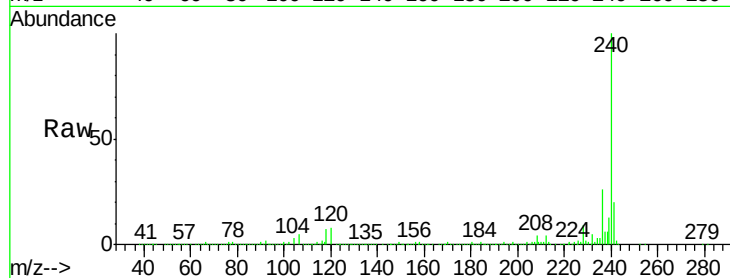
Tgt Ion:240 Resp: 824224

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

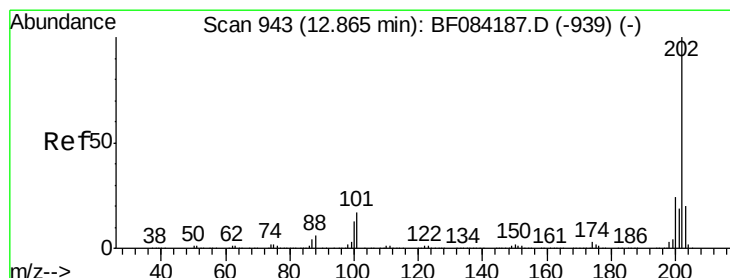
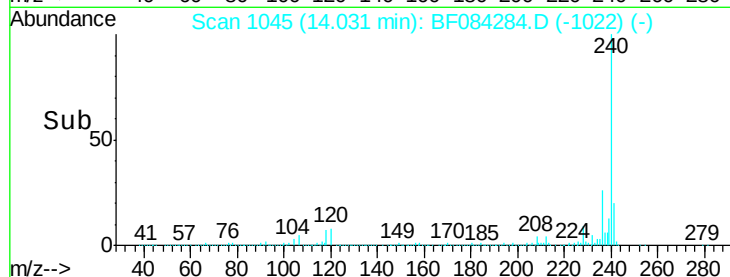
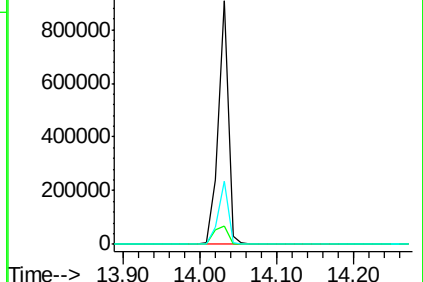
236 25.7 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 28.21 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

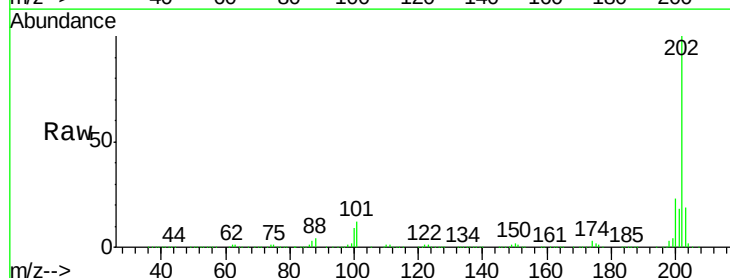
Tgt Ion:202 Resp: 1824370

Ion Ratio Lower Upper

202 100

200 23.0 17.2 25.8

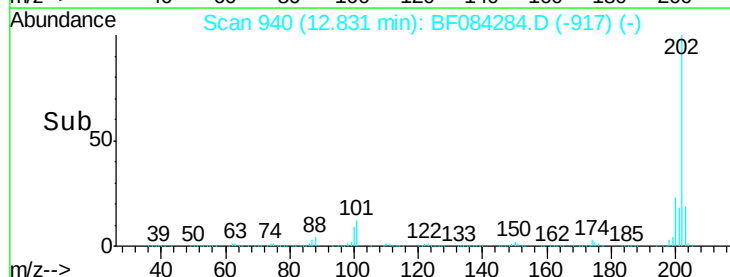
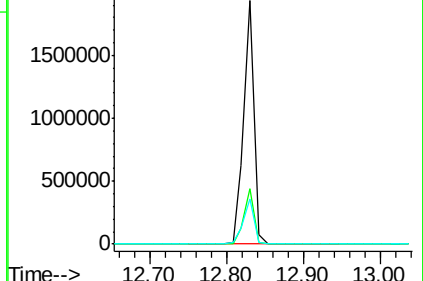
203 18.7 14.3 21.5

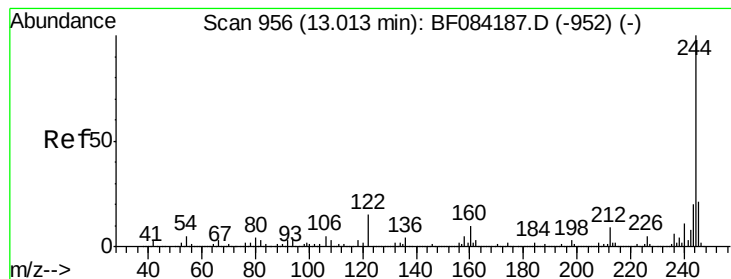


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.35 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

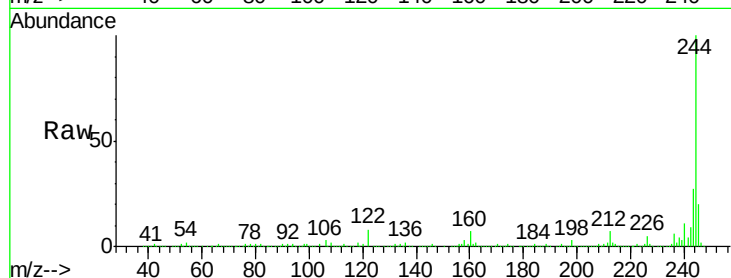
Tgt Ion:244 Resp: 1859213

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

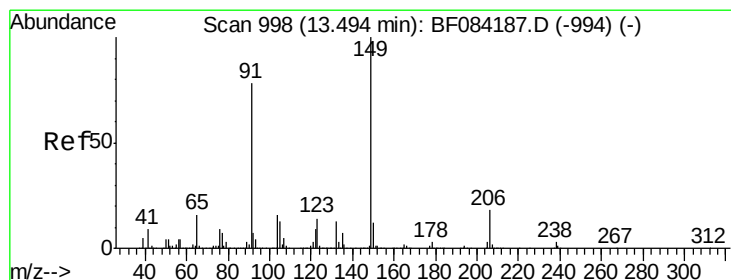
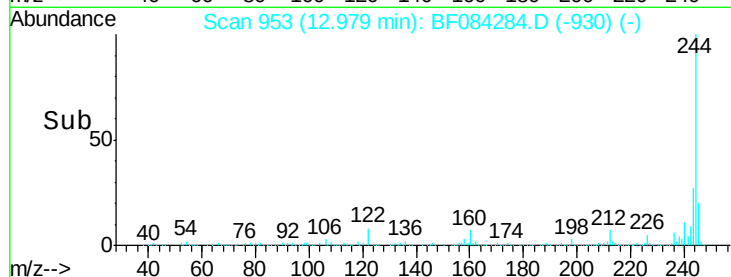
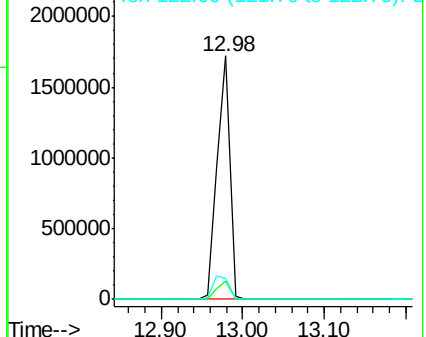
122 8.5 7.4 11.0



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: 29.59 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

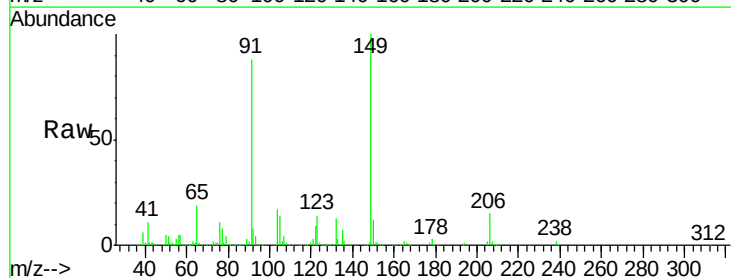
Tgt Ion:149 Resp: 828264

Ion Ratio Lower Upper

149 100

91 87.8 57.6 86.4#

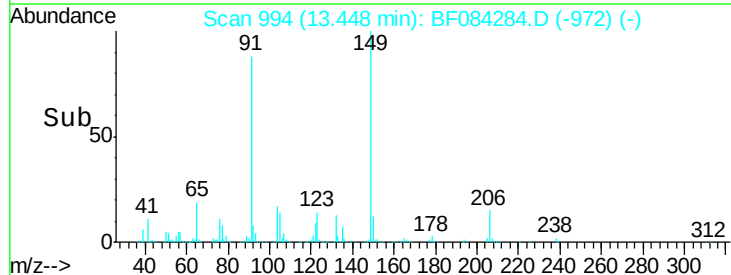
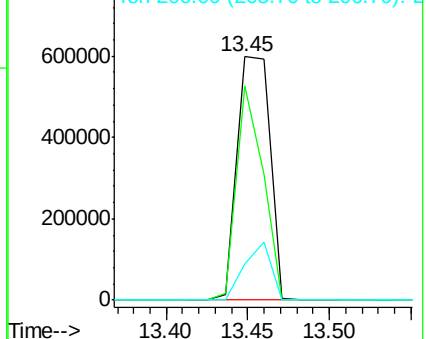
206 15.1 13.2 19.8

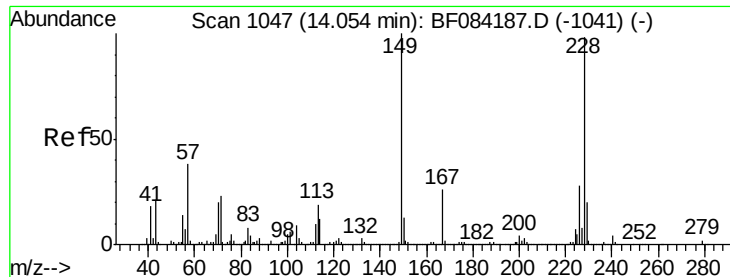


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 29.96 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

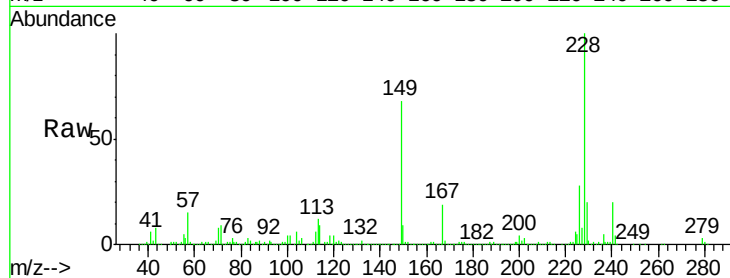
Tgt Ion:228 Resp: 1449959

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

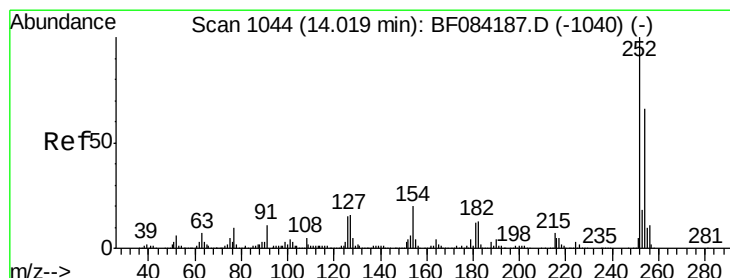
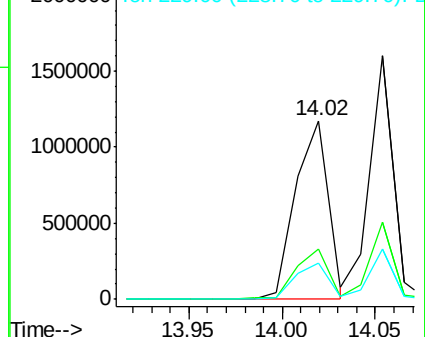
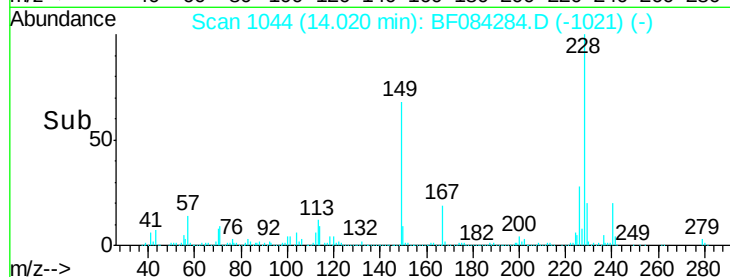
229 20.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.41 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

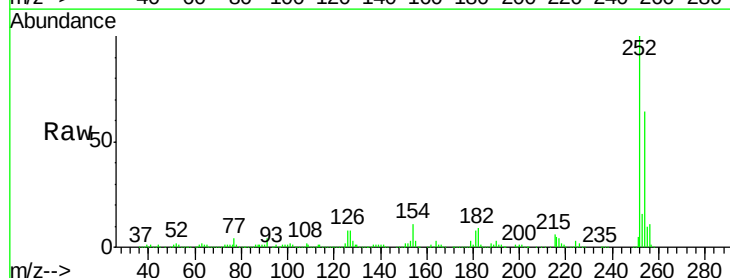
Tgt Ion:252 Resp: 429238

Ion Ratio Lower Upper

252 100

254 64.0 53.5 80.3

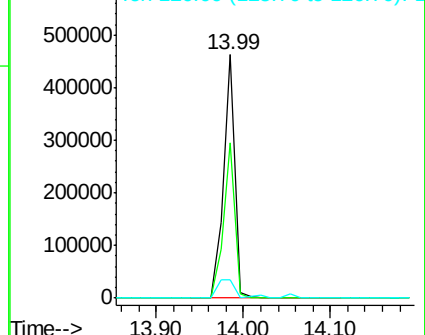
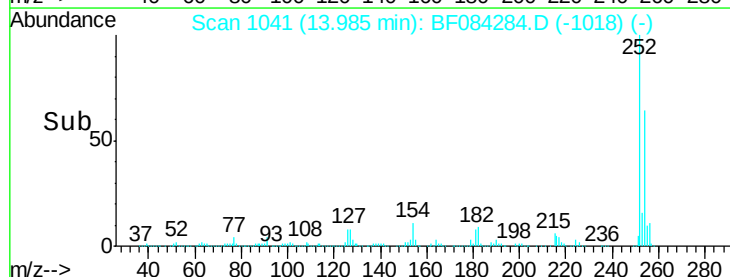
126 7.7 4.9 7.3#

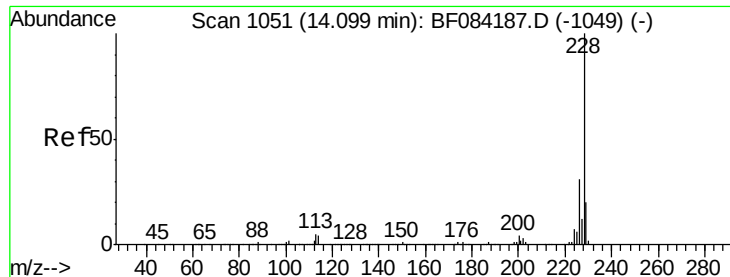


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 30.26 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

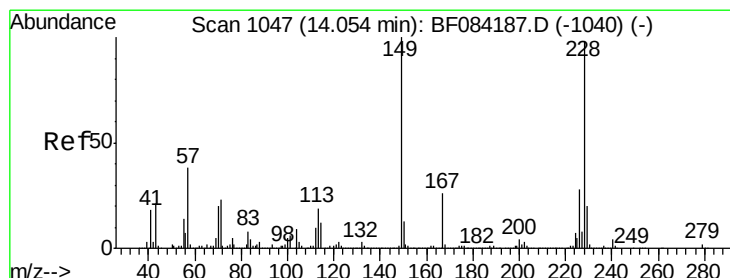
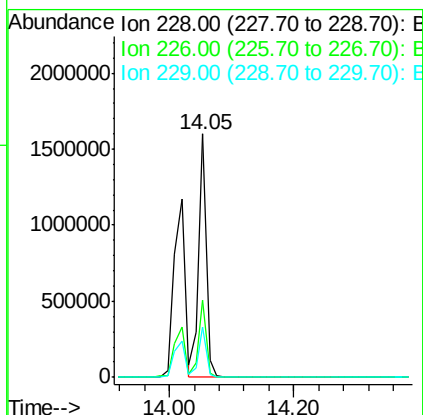
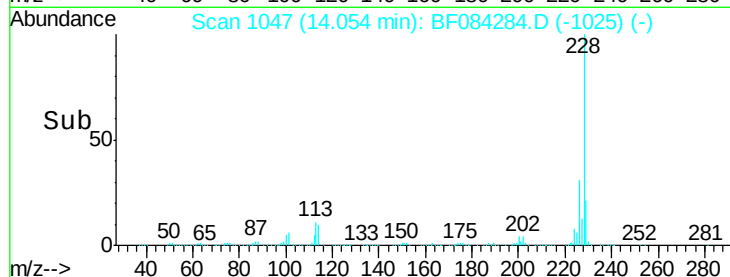
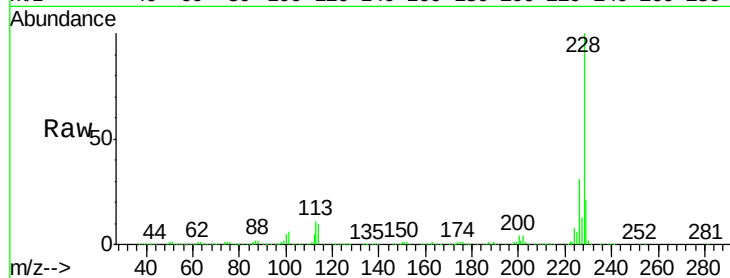
Tgt Ion:228 Resp: 1407490

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

229 20.8 16.1 24.1



#83

Bis(2-ethylhexyl)phthalate

Concen: 30.02 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

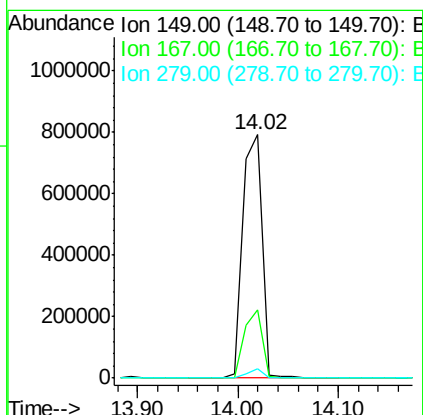
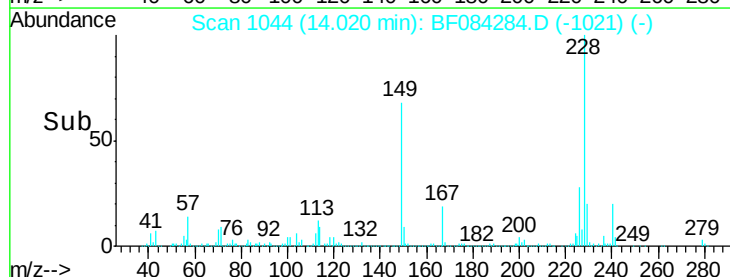
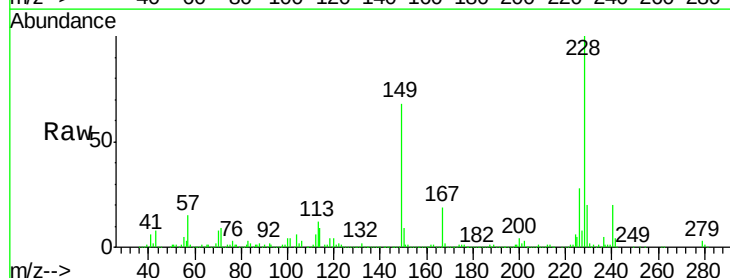
Tgt Ion:149 Resp: 1061646

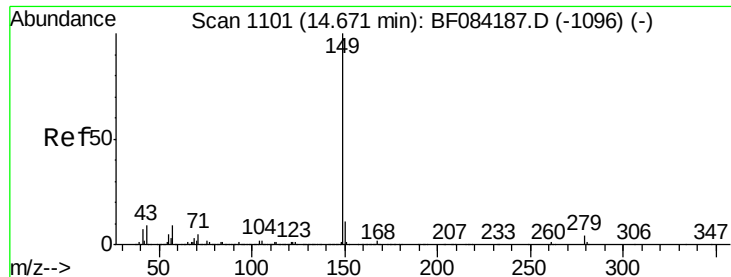
Ion Ratio Lower Upper

149 100

167 28.2 19.7 29.5

279 4.1 1.8 2.6#

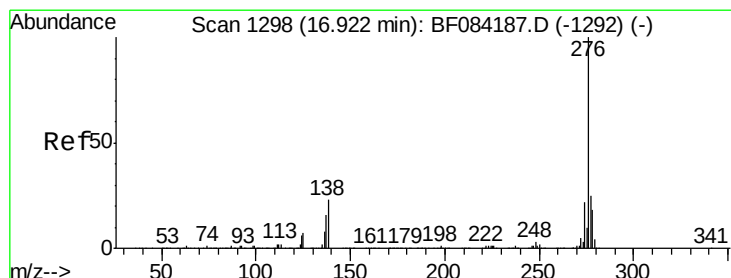
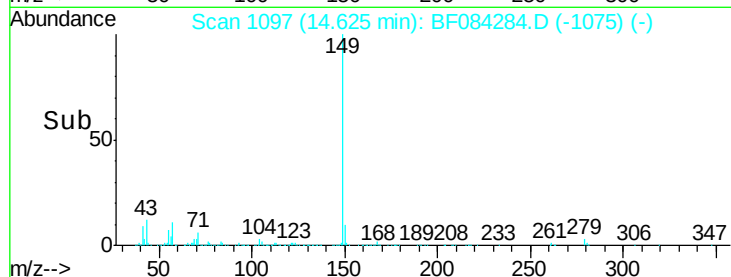
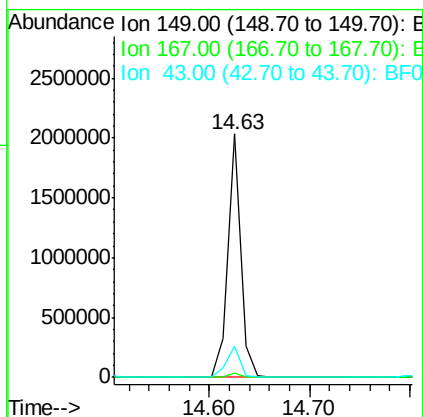
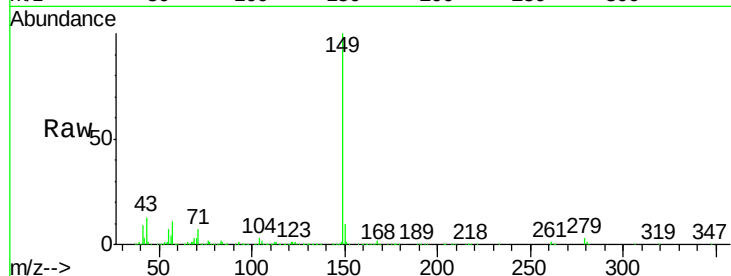




#84
Di-n-octyl phthalate
Concen: 30.40 ng
RT: 14.63 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

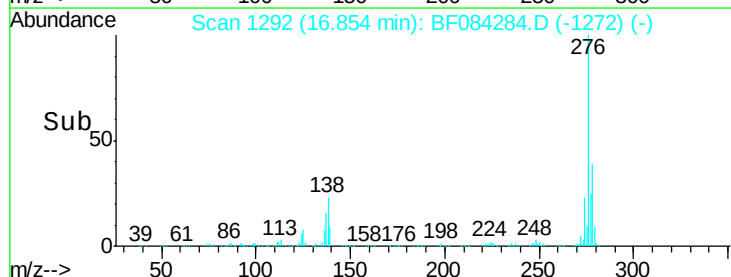
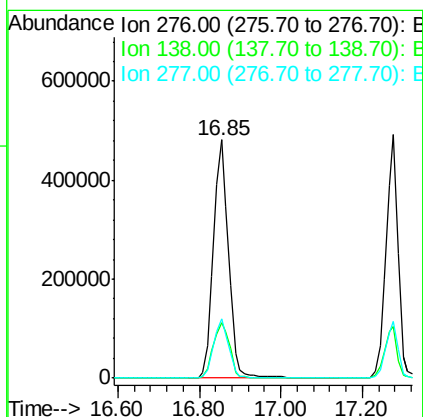
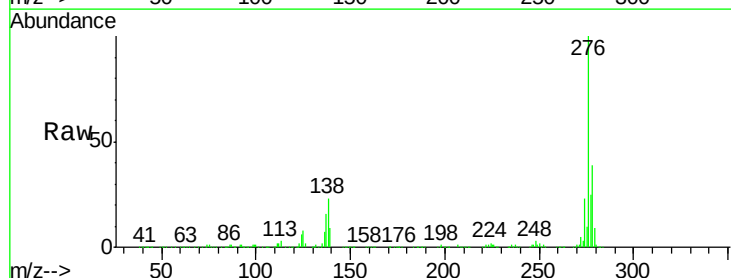
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

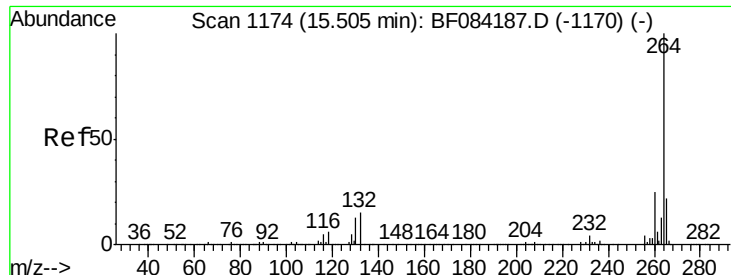
Tgt Ion:149 Resp: 1814959
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 13.1 5.6 8.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.64 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.07 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:276 Resp: 1239956
Ion Ratio Lower Upper
276 100
138 25.6 20.6 30.8
277 24.8 20.1 30.1



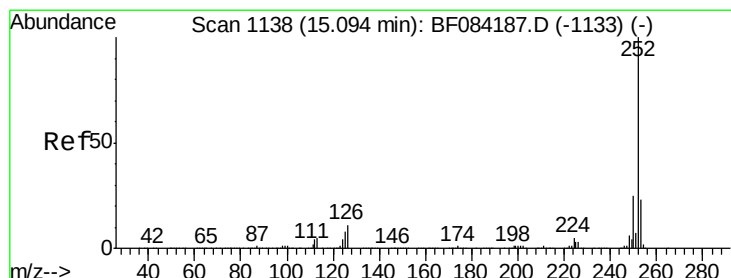
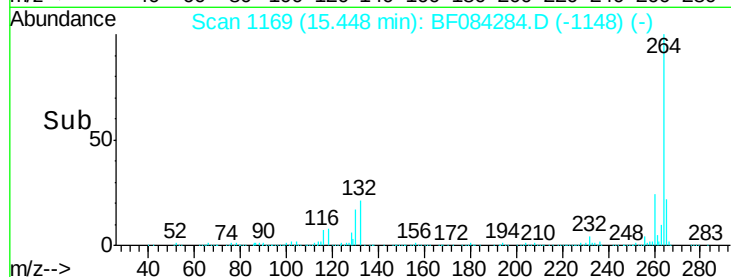
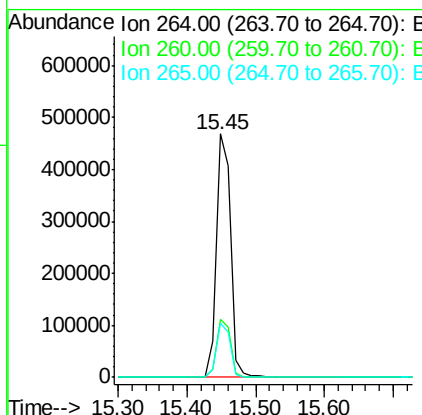
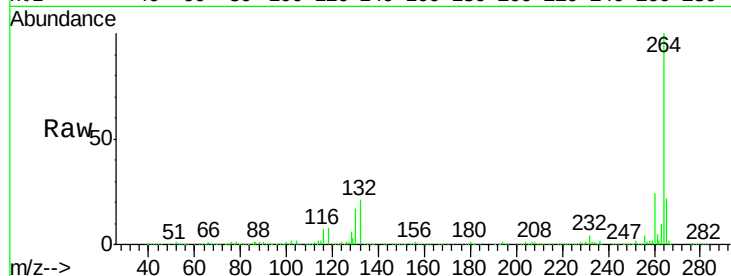


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

Tgt Ion: 264 Resp: 686343

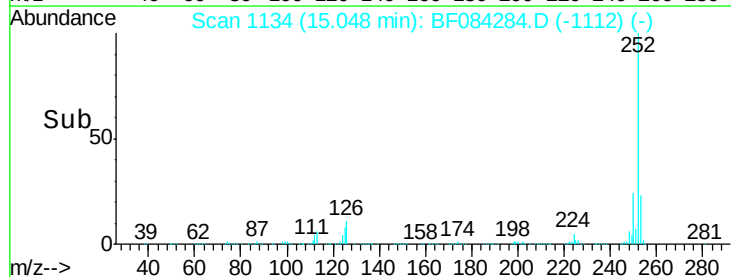
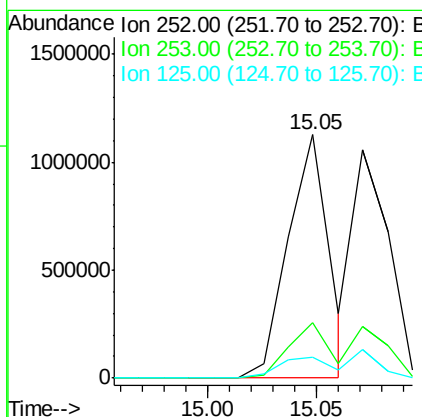
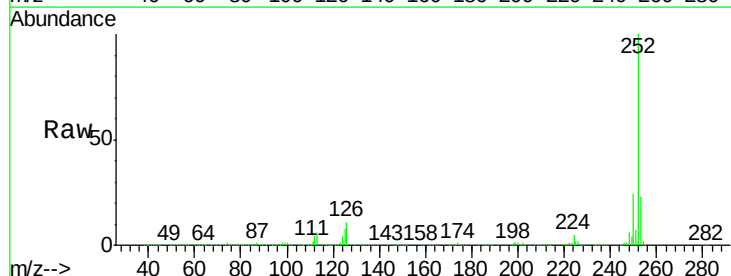
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.4	17.8	26.6

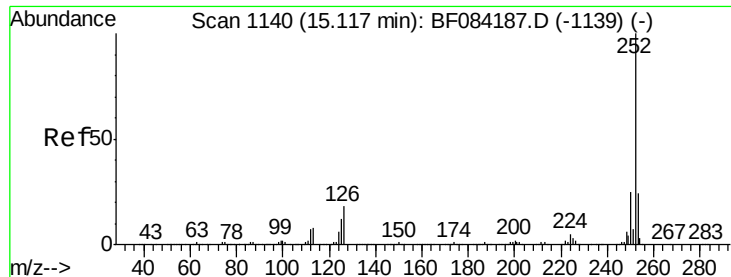


#87
Benzo(b)fluoranthene
Concen: 32.84 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion: 252 Resp: 1474231

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	8.3	6.5	9.7

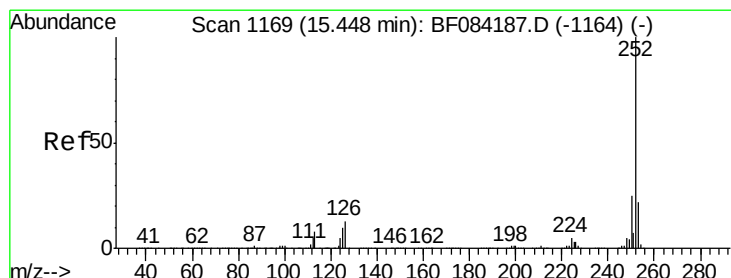
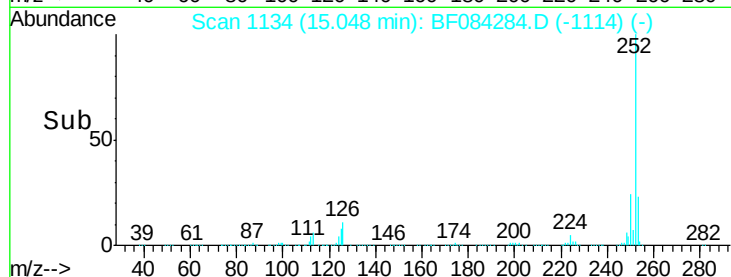
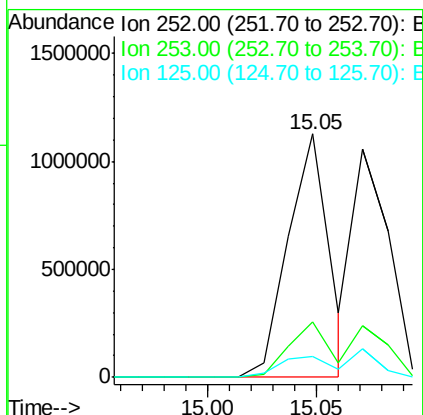
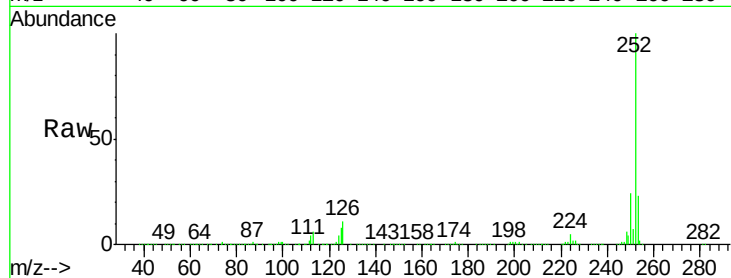




#88
Benzo(k)fluoranthene
Concen: 40.15 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.07 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

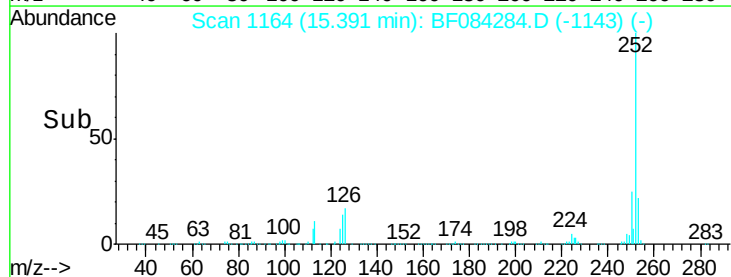
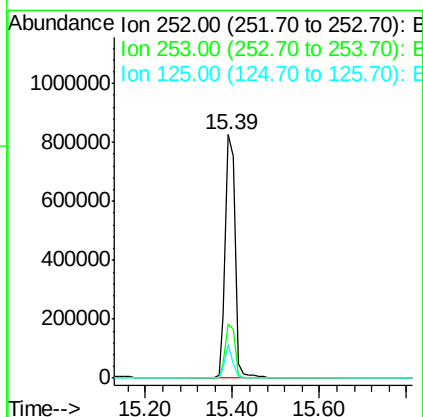
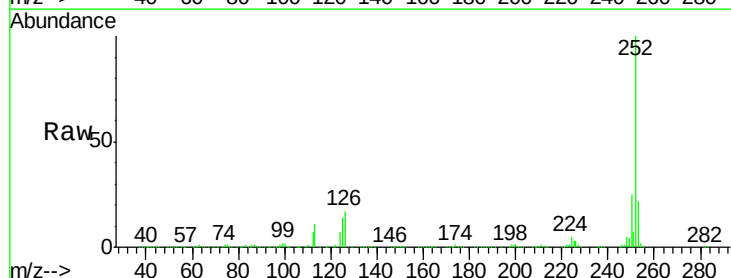
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MS

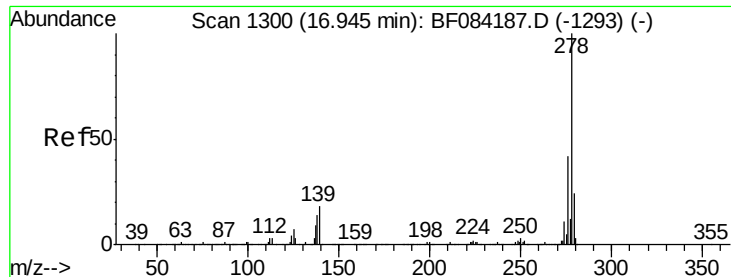
Tgt Ion:252 Resp: 1474231
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 8.3 9.0 13.6#



#89
Benzo(a)pyrene
Concen: 34.16 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084284.D
Acq: 6 Jan 2016 12:37

Tgt Ion:252 Resp: 1300701
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 13.7 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 31.73 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.07 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MS

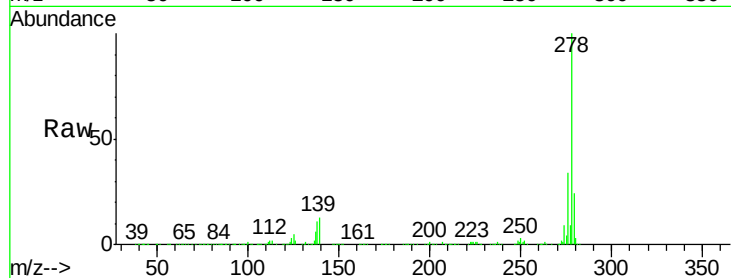
Tgt Ion:278 Resp: 1039744

Ion Ratio Lower Upper

278 100

139 13.1 15.0 22.4#

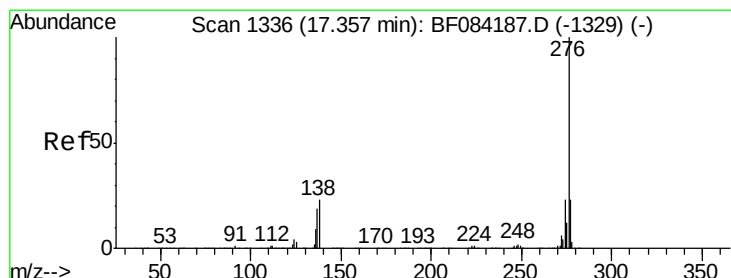
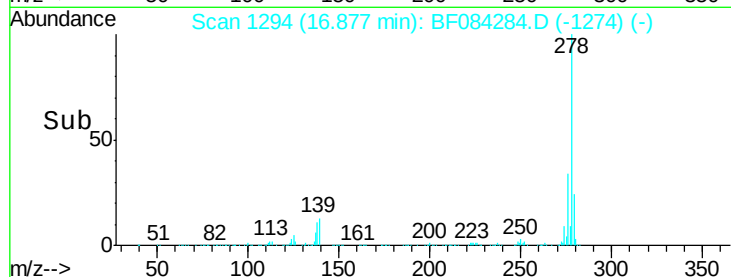
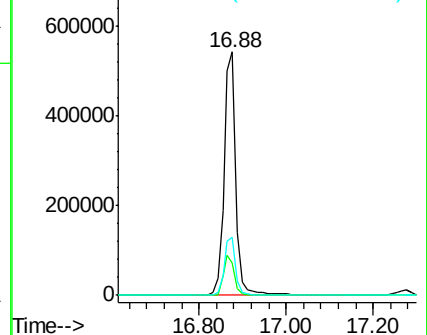
279 23.9 18.9 28.3



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: 30.34 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.08 min

Lab File: BF084284.D

Acq: 6 Jan 2016 12:37

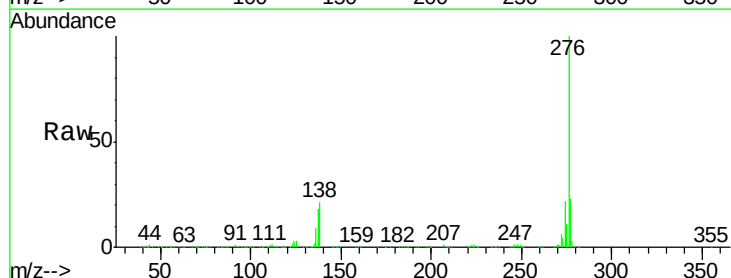
Tgt Ion:276 Resp: 1029634

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 21.3 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

