

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084282.D
 Acq On : 6 Jan 2016 11:43
 Operator : SJ/UM
 Sample : PB87639BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

Quant Time: Jan 07 00:01:41 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	250840	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1043429	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	465035	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	882405	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	796454	20.00	ng	-0.03
86) Perylene-d12	15.46	264	654972	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1904854	122.83	ng	-0.01
7) Phenol-d6	6.52	99	2538213	130.32	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1466755	78.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	649260	138.29	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2344908	89.00	ng	-0.03
78) Terphenyl-d14	12.98	244	2413490	67.64	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	258274	35.16	ng	# 78
3) Pyridine	3.26	79	668572	32.64	ng	# 74
4) n-Nitrosodimethylamine	3.22	42	408489	38.85	ng	# 79
6) Aniline	6.53	93	584157	20.50	ng	# 31
8) 2-Chlorophenol	6.66	128	774973	44.05	ng	95
9) Benzaldehyde	6.41	77	236392	18.64	ng	92
10) Phenol	6.53	94	962277	43.45	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	741643	43.23	ng	92
12) 1,3-Dichlorobenzene	6.81	146	714333	39.36	ng	# 93
13) 1,4-Dichlorobenzene	6.89	146	770679	42.34	ng	95
14) 1,2-Dichlorobenzene	7.04	146	657496	37.72	ng	95
15) Benzyl Alcohol	7.01	79	607306	37.07	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1146600	36.70	ng	85
17) 2-Methylphenol	7.14	107	638950	43.33	ng	95
18) Hexachloroethane	7.38	117	287593	39.51	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	488369	37.04	ng	# 69
20) 3+4-Methylphenols	7.29	107	675381	38.97	ng	# 64
22) Acetophenone	7.29	105	1011750	40.32	ng	# 87
24) Nitrobenzene	7.46	77	868072	45.65	ng	96
25) Isophorone	7.70	82	1474891	41.13	ng	98
26) 2-Nitrophenol	7.77	139	377265	43.59	ng	# 79
27) 2,4-Dimethylphenol	7.81	122	686768	39.21	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	888800	40.58	ng	# 97
29) 2,4-Dichlorophenol	8.02	162	641725	43.98	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	651814	43.27	ng	96
31) Naphthalene	8.18	128	2024694	42.77	ng	99
32) Benzoic acid	7.93	122	277719	27.68	ng	92
33) 4-Chloroaniline	8.22	127	219229	10.10	ng	97
34) Hexachlorobutadiene	8.29	225	344597	39.79	ng	97
35) Caprolactam	8.60	113	132296	26.89	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	668279	40.89	ng	95
37) 2-Methylnaphthalene	8.86	142	1300699	38.27	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	609398	45.58	ng	98
40) Hexachlorocyclopentadiene	9.02	237	745404	92.36	ng	98

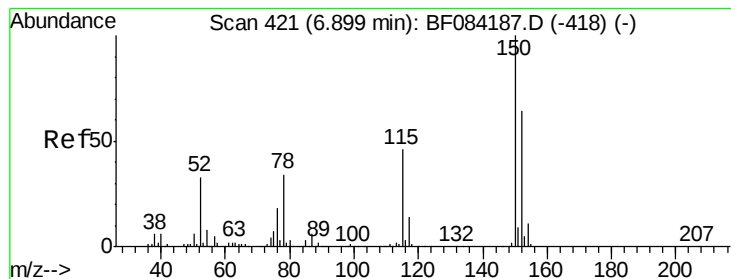
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	460104	46.00	ng	95
43) 2,4,5-Trichlorophenol	9.20	196	416996	43.49	ng	94
45) 1,1'-Biphenyl	9.33	154	1683173	45.54	ng	99
46) 2-Chloronaphthalene	9.36	162	1219503	42.01	ng	95
47) 2-Nitroaniline	9.46	65	426793	44.54	ng	# 57
48) Acenaphthylene	9.77	152	1841676	42.94	ng	97
49) Dimethylphthalate	9.64	163	1556085	46.81	ng	# 91
50) 2,6-Dinitrotoluene	9.70	165	360094	49.38	ng	# 82
51) Acenaphthene	9.94	154	1335393	46.42	ng	97
52) 3-Nitroaniline	9.86	138	163697	18.12	ng	95
53) 2,4-Dinitrophenol	9.97	184	269224	86.38	ng	# 80
54) Dibenzofuran	10.11	168	1730446	46.54	ng	# 90
55) 4-Nitrophenol	10.04	139	609538	92.94	ng	# 85
56) 2,4-Dinitrotoluene	10.10	165	438375	47.50	ng	# 91
57) Fluorene	10.45	166	1212809	41.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	378443	46.23	ng	90
59) Diethylphthalate	10.34	149	1501329	45.80	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	644715	54.74	ng	94
61) 4-Nitroaniline	10.48	138	347532	43.15	ng	95
62) Azobenzene	10.61	77	1633567	45.44	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	192000	35.70	ng	# 64
65) n-Nitrosodiphenylamine	10.57	169	1124824	39.87	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	424009	44.64	ng	98
67) Hexachlorobenzene	11.00	284	423524	39.62	ng	# 87
68) Atrazine	11.10	200	430339	46.61	ng	93
69) Pentachlorophenol	11.20	266	372944	67.28	ng	97
70) Phenanthrene	11.41	178	1885867	40.86	ng	96
71) Anthracene	11.47	178	2092630	46.25	ng	98
72) Carbazole	11.63	167	1907886	43.13	ng	97
73) Di-n-butylphthalate	11.96	149	2303475	50.53	ng	# 97
74) Fluoranthene	12.60	202	1988254	41.24	ng	98
76) Benzidine	12.73	184	798071	27.95	ng	98
77) Pyrene	12.83	202	2041595	32.67	ng	97
79) Butylbenzylphthalate	13.46	149	1017452	37.62	ng	# 86
80) Benzo(a)anthracene	14.02	228	1698773	36.33	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	275321	16.87	ng	# 98
82) Chrysene	14.05	228	1590712	35.40	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1260219	36.88	ng	# 94
84) Di-n-octyl phthalate	14.63	149	2096936	36.35	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.85	276	1516147	42.56	ng	99
87) Benzo(b)fluoranthene	15.05	252	1684243	39.31	ng	98
88) Benzo(k)fluoranthene	15.05	252	1684243	48.07	ng	98
89) Benzo(a)pyrene	15.40	252	1570009	43.20	ng	98
90) Dibenzo(a,h)anthracene	16.88	278	1228428	39.28	ng	96
91) Benzo(g,h,i)perylene	17.28	276	1240658	38.31	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

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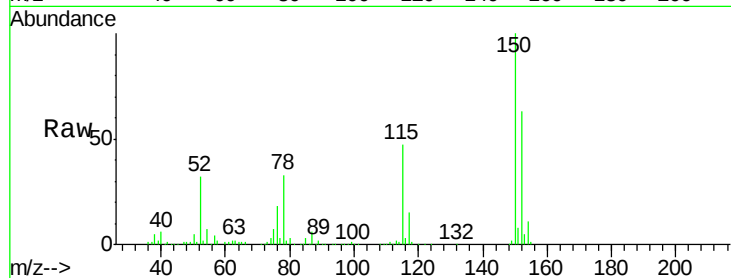
Tgt Ion:152 Resp: 250840

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

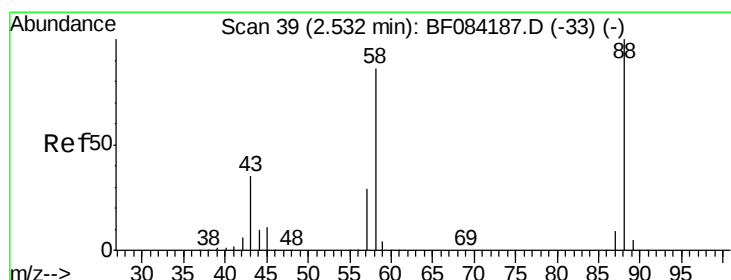
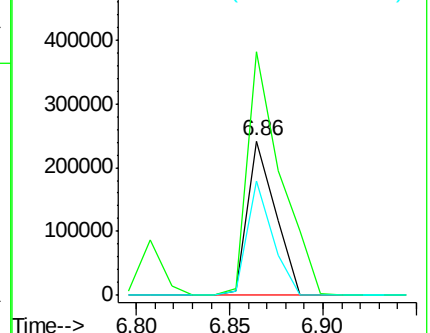
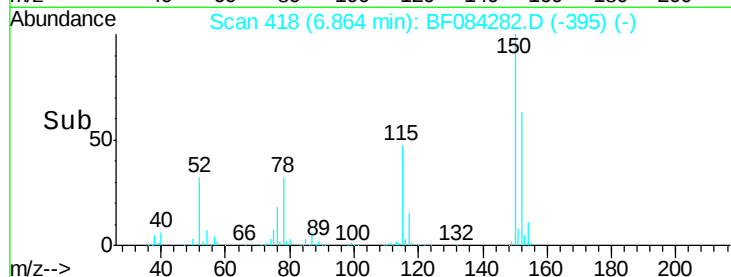
115 74.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.16 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.01 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

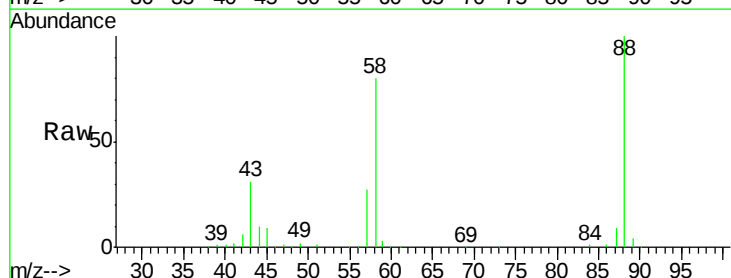
Tgt Ion: 88 Resp: 258274

Ion Ratio Lower Upper

88 100

58 83.7 51.2 76.8#

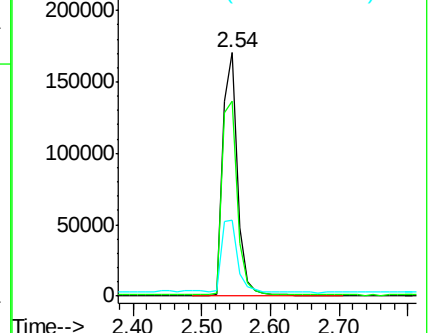
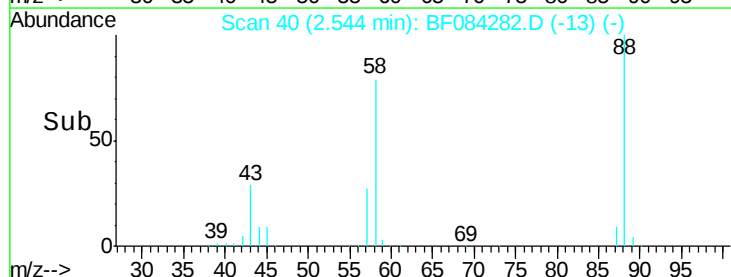
43 31.8 19.5 29.3#

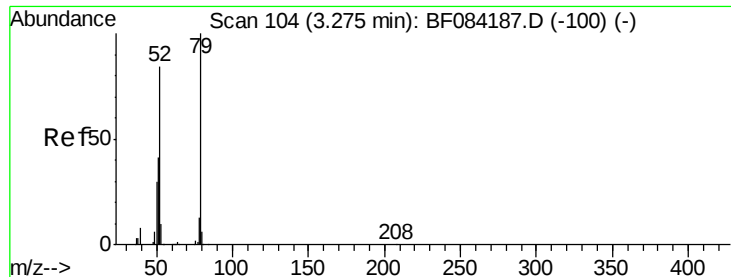


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.64 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

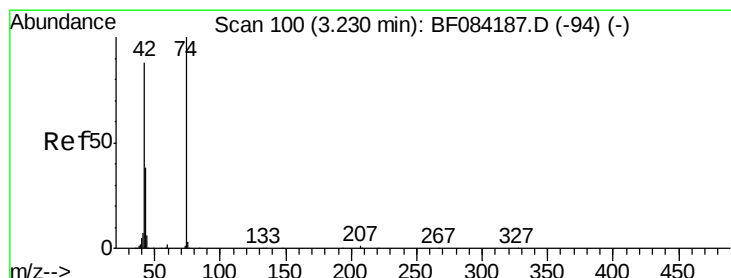
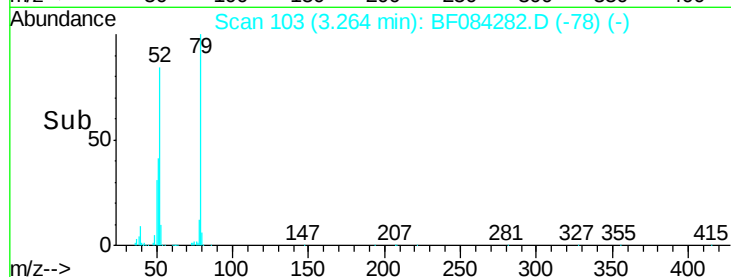
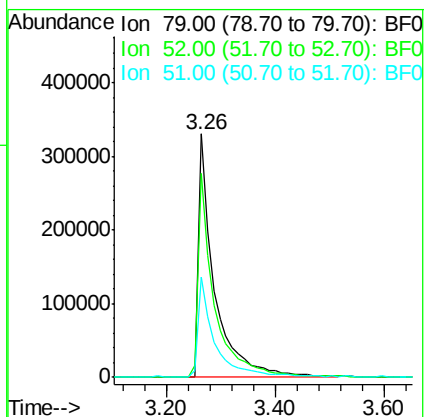
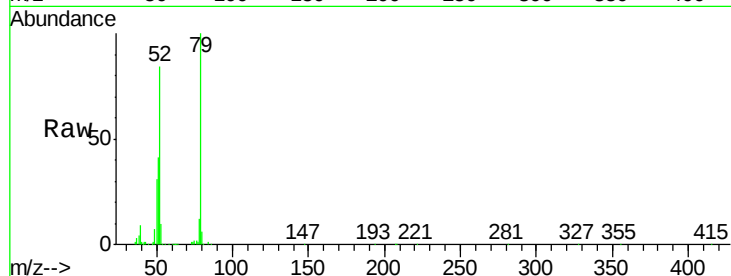
Tgt Ion: 79 Resp: 668572

Ion Ratio Lower Upper

79 100

52 83.9 49.0 73.4#

51 41.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.85 ng

RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

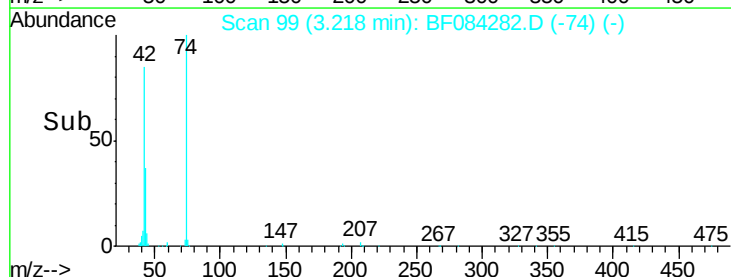
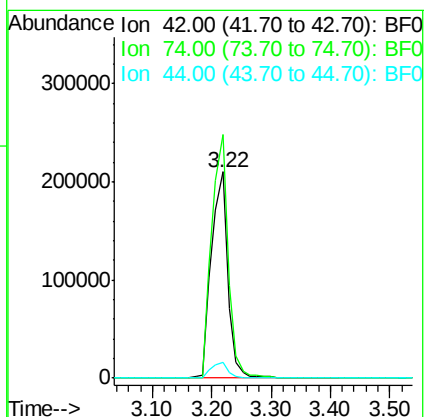
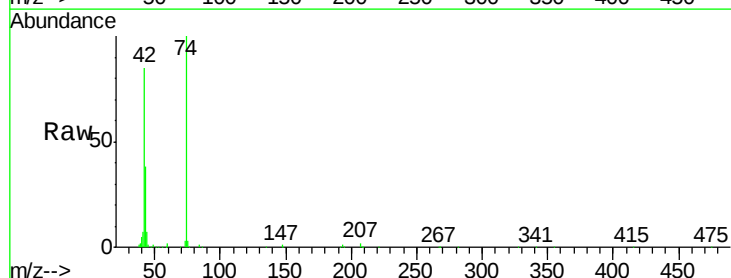
Tgt Ion: 42 Resp: 408489

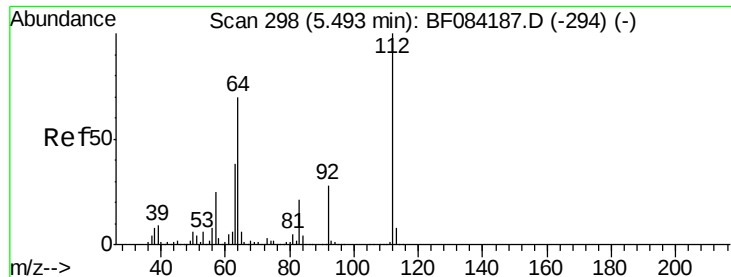
Ion Ratio Lower Upper

42 100

74 118.0 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 122.83 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

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ClientSampleId :

PB87639BS

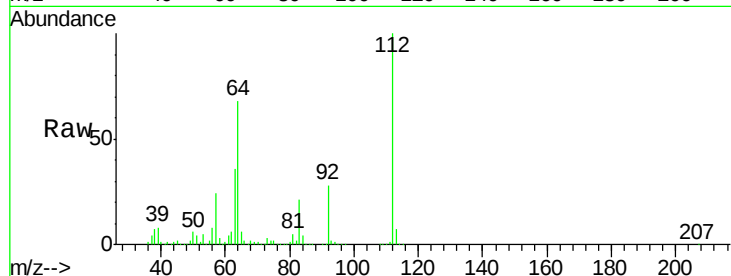
Tgt Ion: 112 Resp: 1904854

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

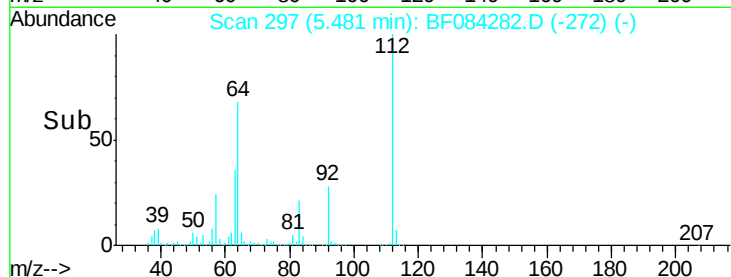
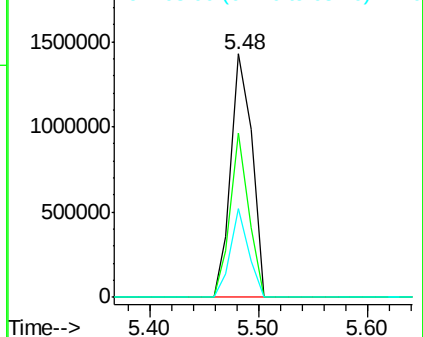
63 36.2 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.50 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

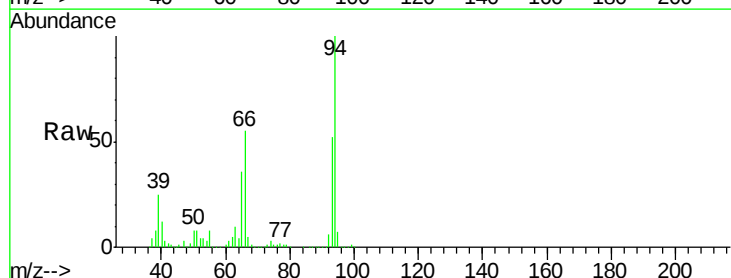
Tgt Ion: 93 Resp: 584157

Ion Ratio Lower Upper

93 100

66 104.6 44.9 67.3#

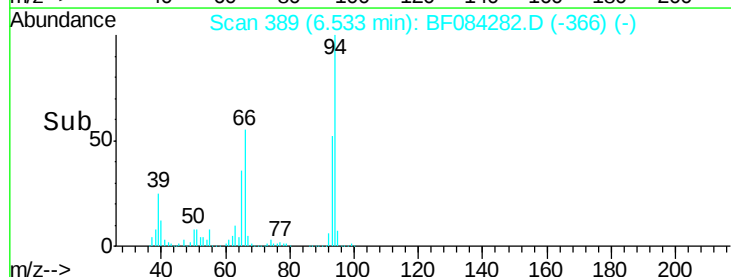
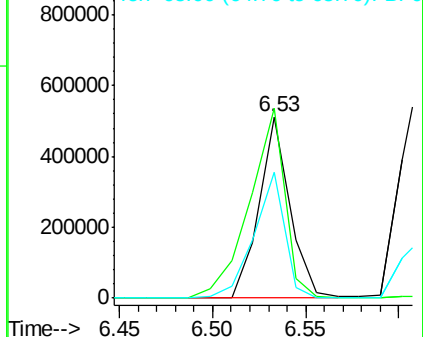
65 69.5 23.7 35.5#

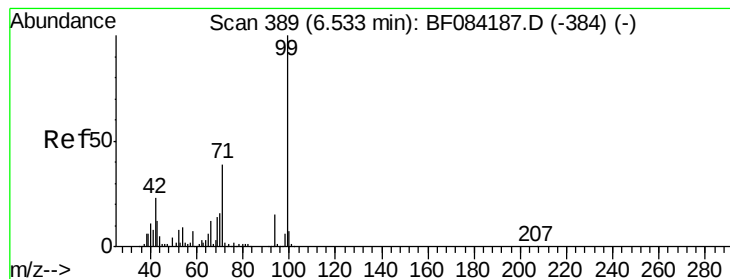


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.32 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

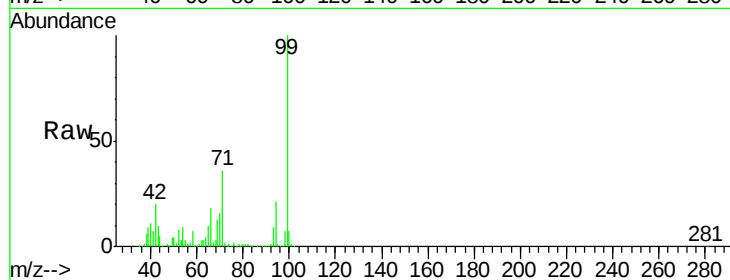
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 2538213

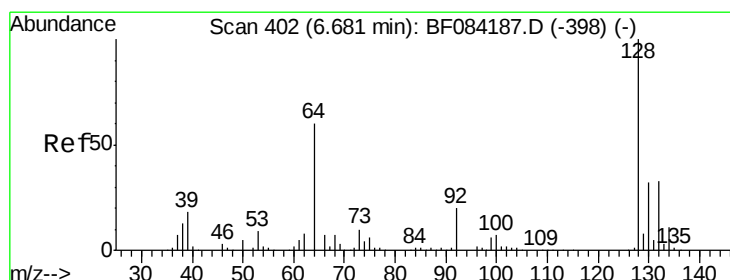
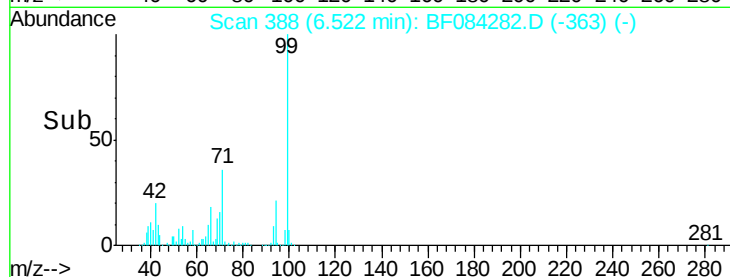
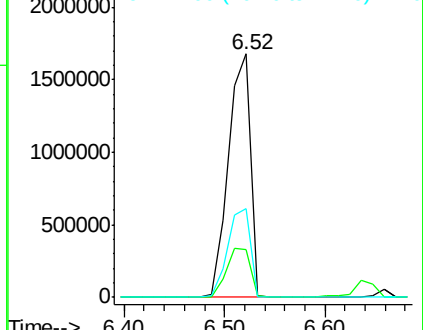
Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.8	19.2#
71	36.3	30.9	46.3



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: 44.05 ng

RT: 6.66 min Scan# 400

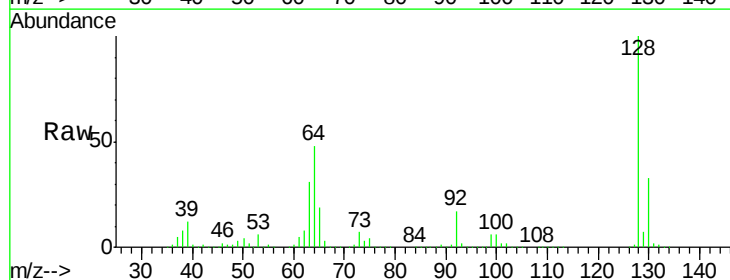
Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Tgt Ion: 128 Resp: 774973

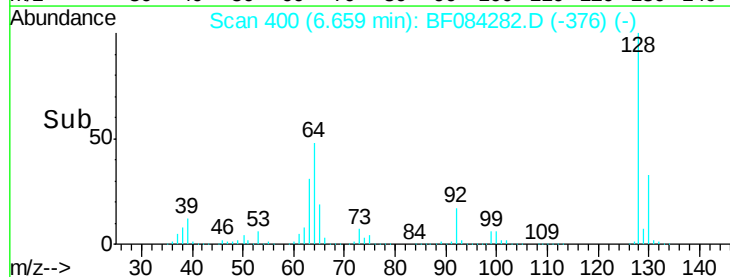
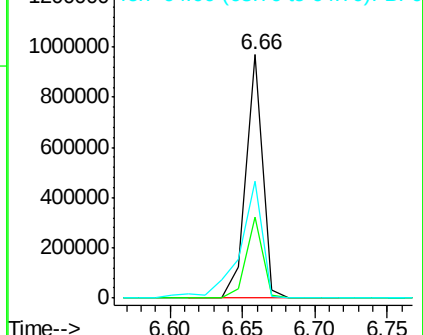
Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.6	51.6
64	48.1	23.8	63.8

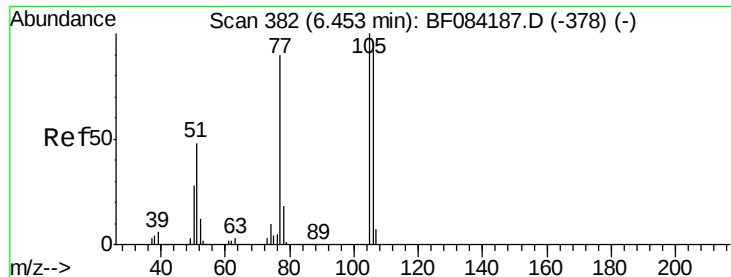


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.64 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

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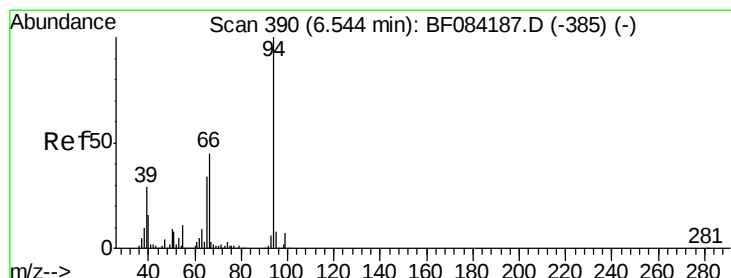
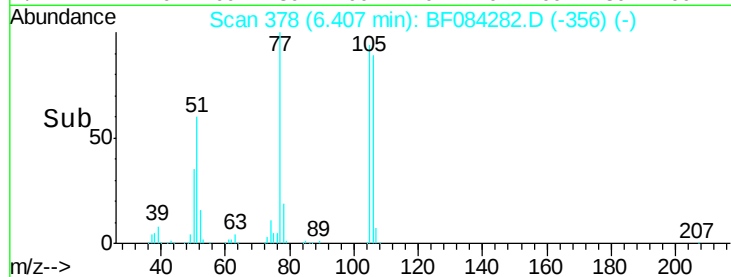
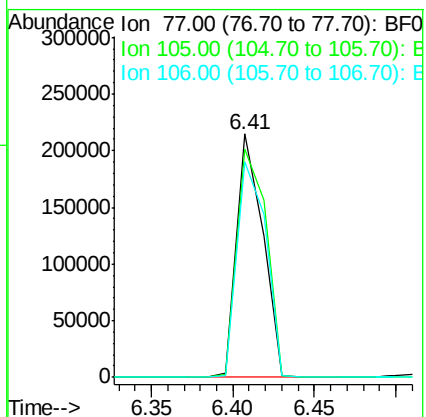
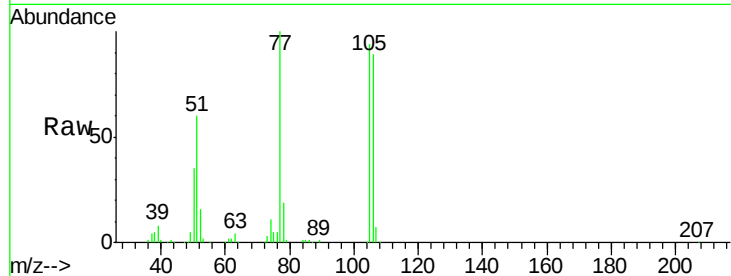
Tgt Ion: 77 Resp: 236392

Ion Ratio Lower Upper

77 100

105 93.7 83.0 123.0

106 88.7 74.6 114.6



#10

Phenol

Concen: 43.45 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

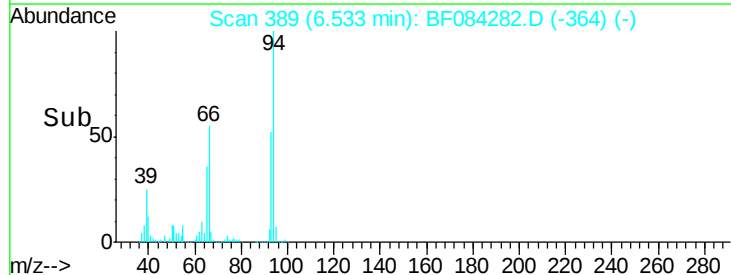
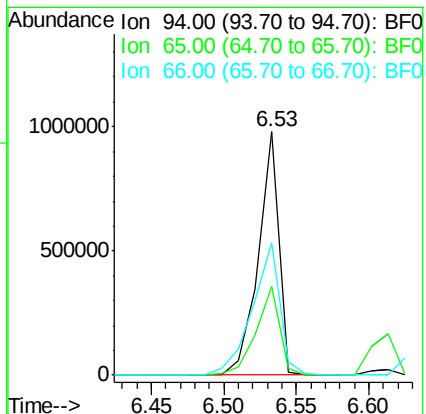
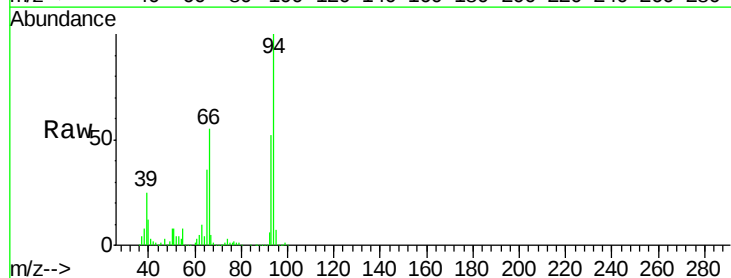
Tgt Ion: 94 Resp: 962277

Ion Ratio Lower Upper

94 100

65 36.2 12.9 52.9

66 54.5 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 43.23 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

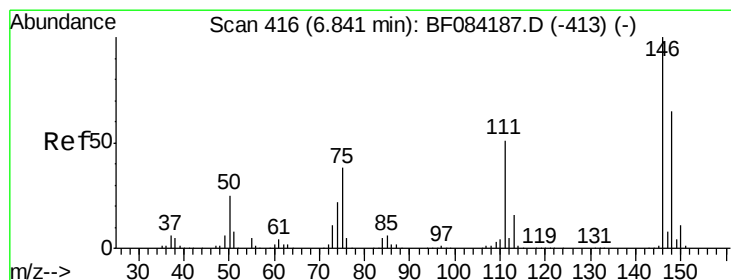
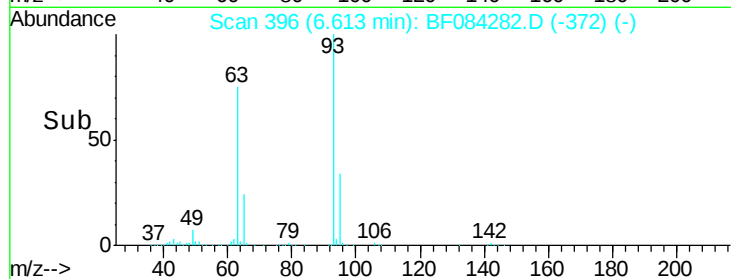
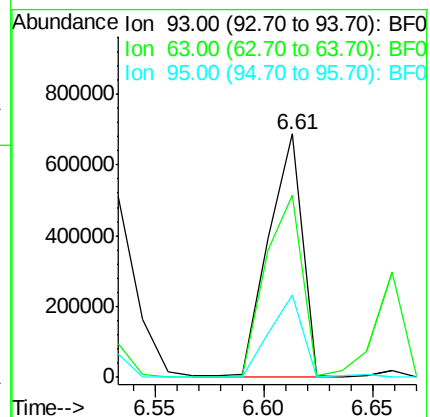
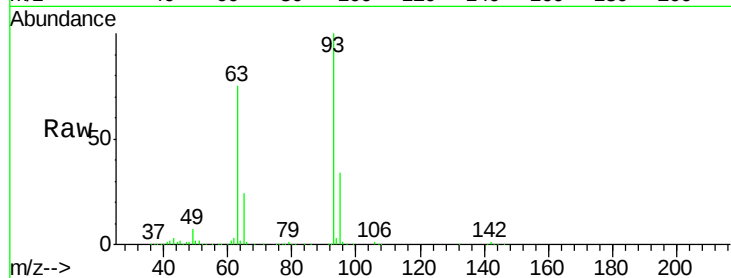
Tgt Ion: 93 Resp: 741643

Ion Ratio Lower Upper

93 100

63 74.9 45.9 85.9

95 33.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.36 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

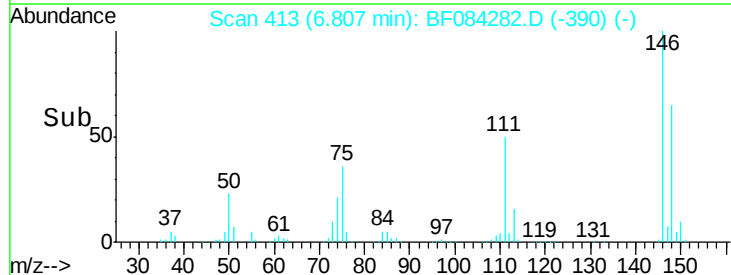
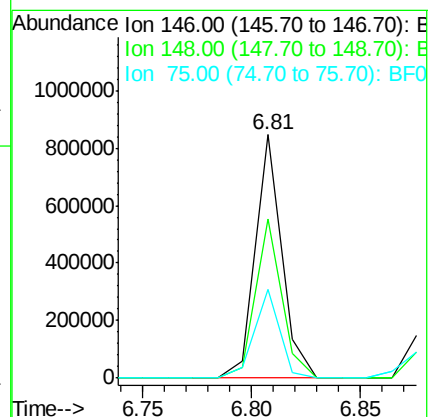
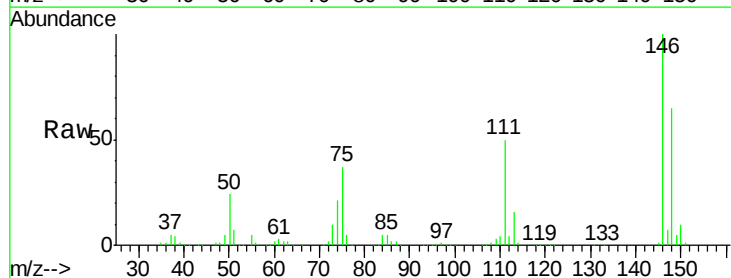
Tgt Ion: 146 Resp: 714333

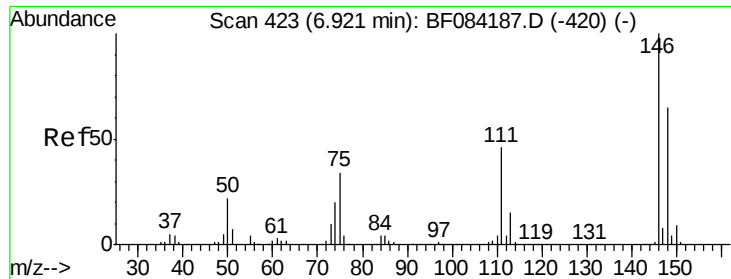
Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

75 36.6 20.5 30.7#

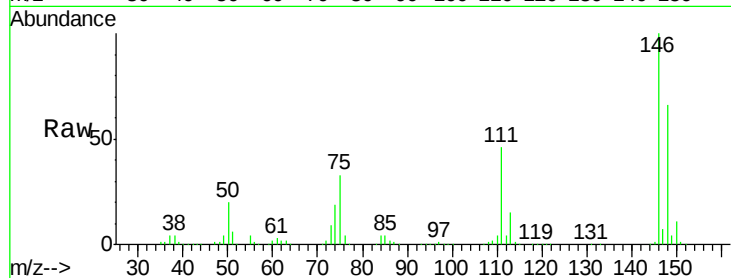




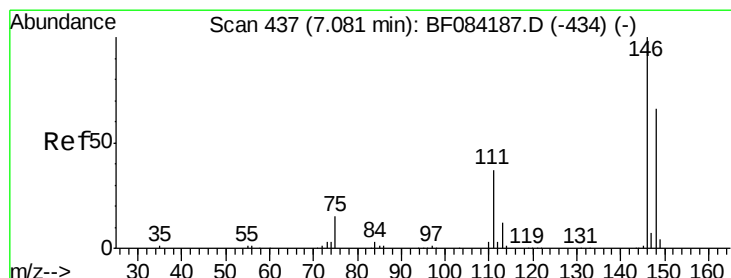
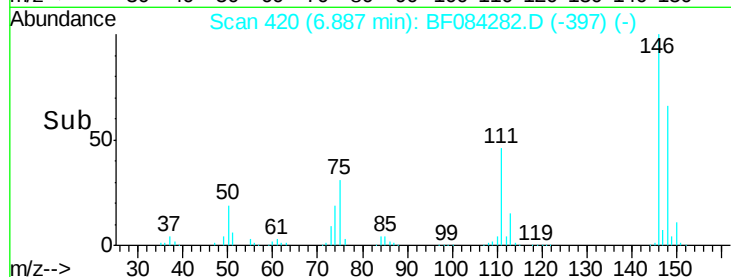
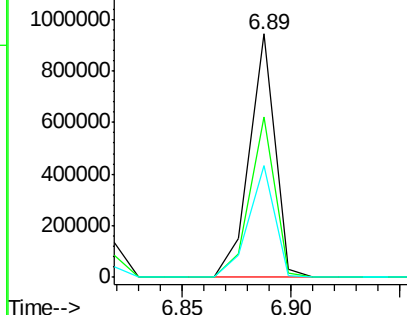
#13
 1,4-Dichlorobenzene
 Concen: 42.34 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

Tgt Ion:146 Resp: 770679
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 45.9 41.6 62.4

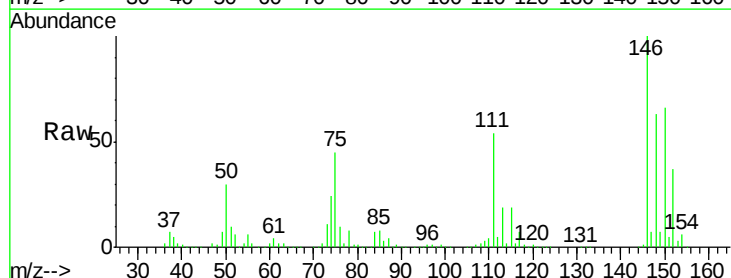


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

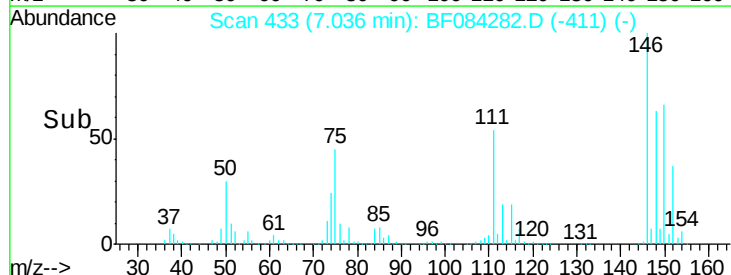
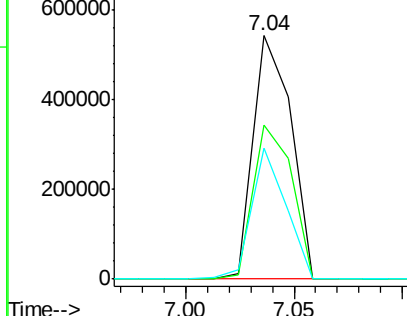


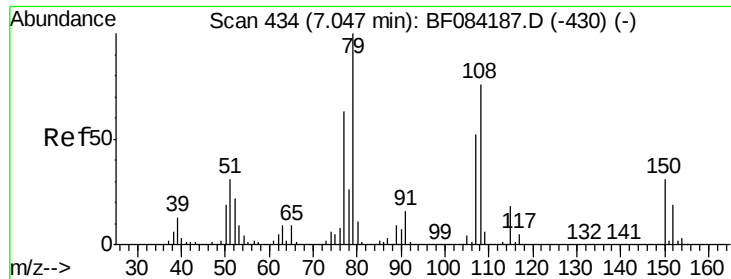
#14
 1,2-Dichlorobenzene
 Concen: 37.72 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Tgt Ion:146 Resp: 657496
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.6 77.4
 111 54.0 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

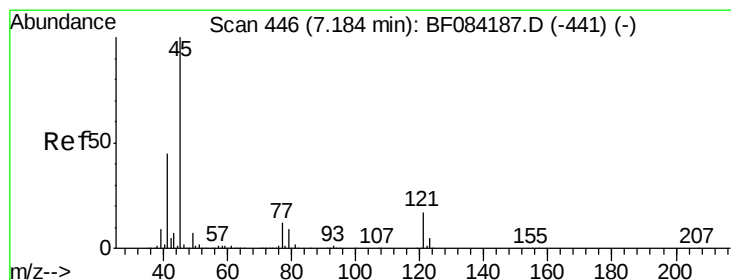
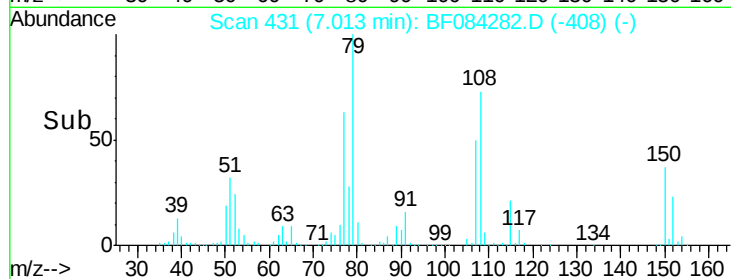
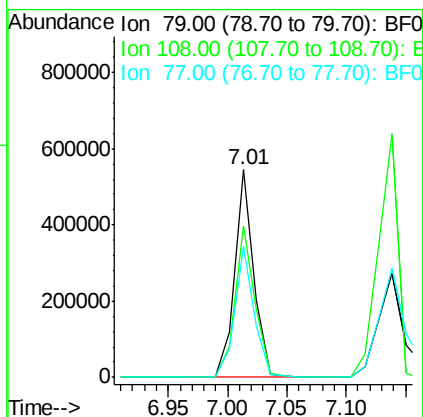
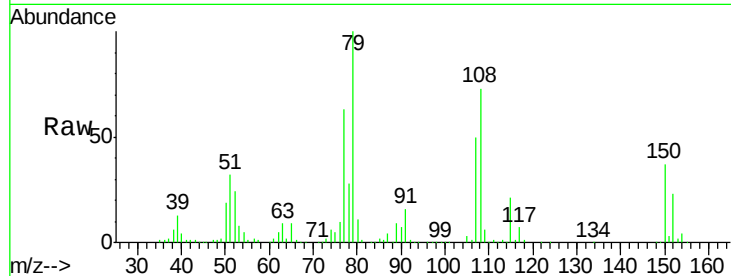




#15
Benzyl Alcohol
Concen: 37.07 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

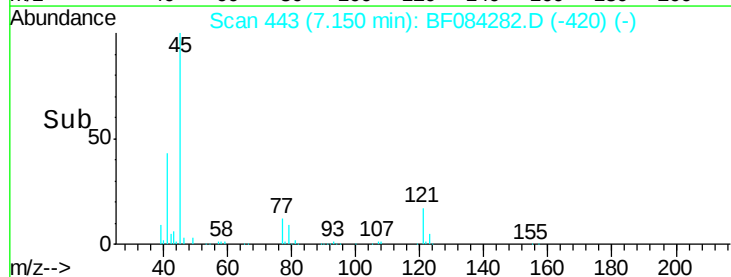
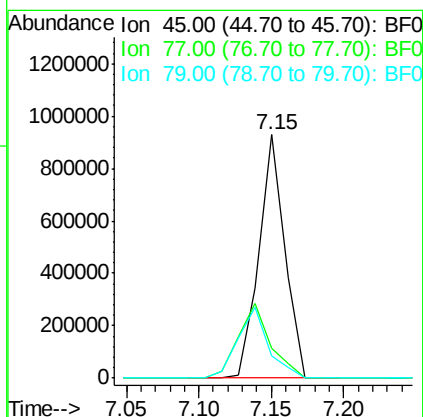
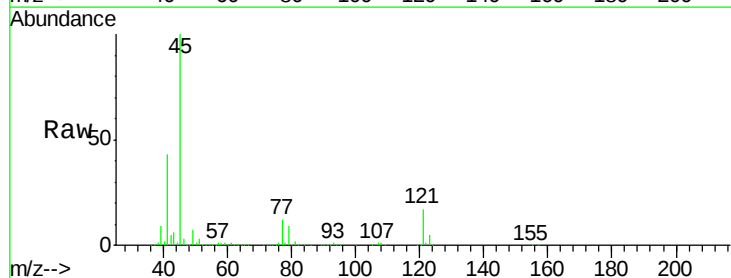
Instrument :
BNA_F
ClientSampleId :
PB87639BS

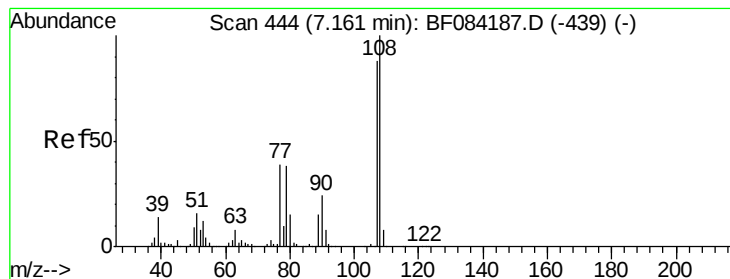
Tgt Ion: 79 Resp: 607306
Ion Ratio Lower Upper
79 100
108 72.9 69.0 103.4
77 62.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.70 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion: 45 Resp: 1146600
Ion Ratio Lower Upper
45 100
77 12.4 0.0 39.6
79 9.3 0.0 35.0





#17

2-Methylphenol

Concen: 43.33 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

Tgt Ion:107 Resp: 638950

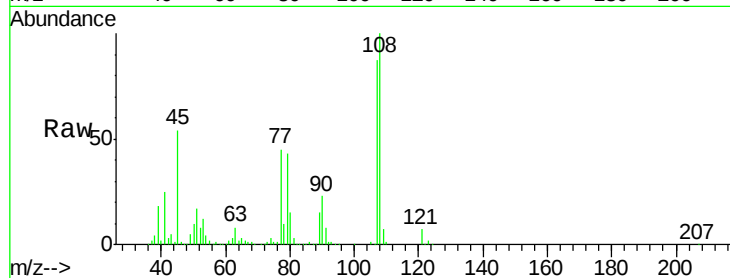
Ion Ratio Lower Upper

107 100

108 114.4 89.8 134.6

77 51.1 35.7 53.5

79 48.7 35.7 53.5

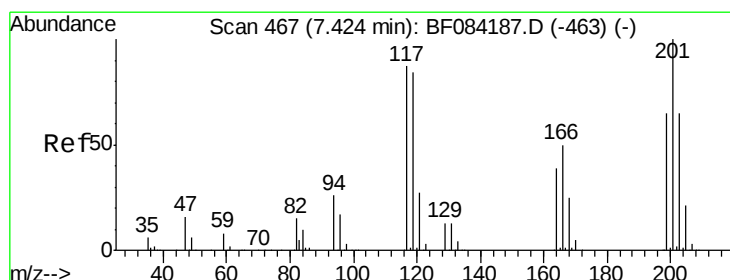
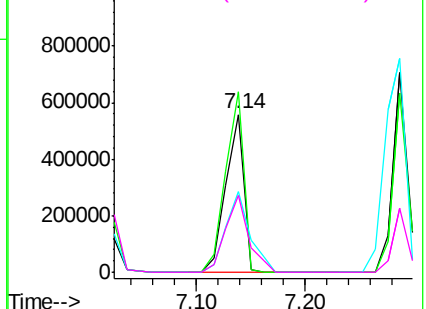
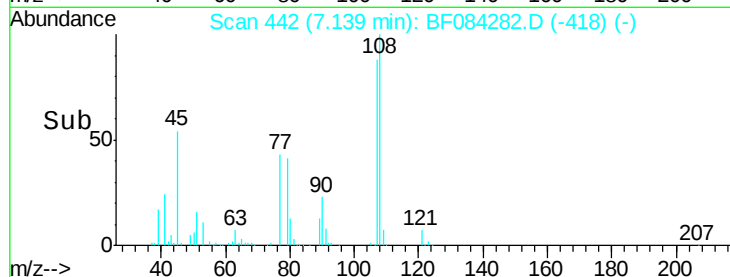


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.51 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

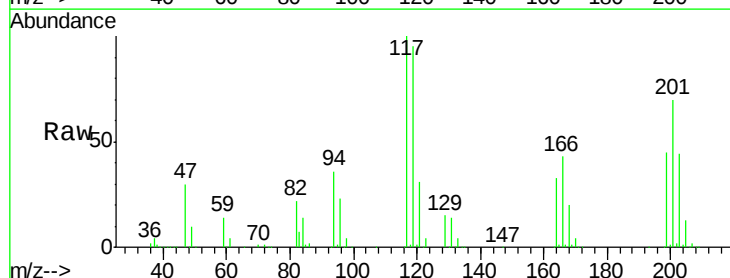
Tgt Ion:117 Resp: 287593

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

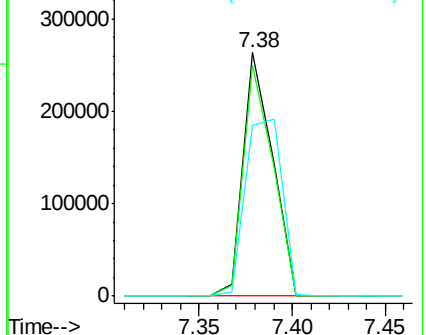
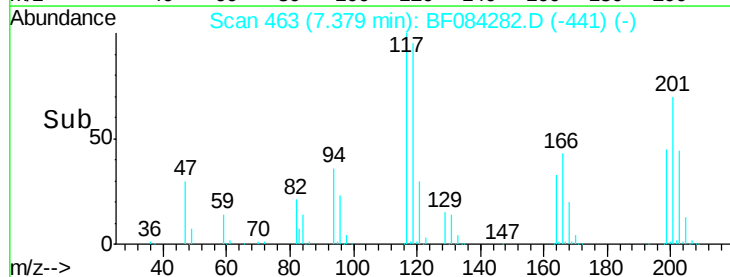
201 70.0 68.6 103.0

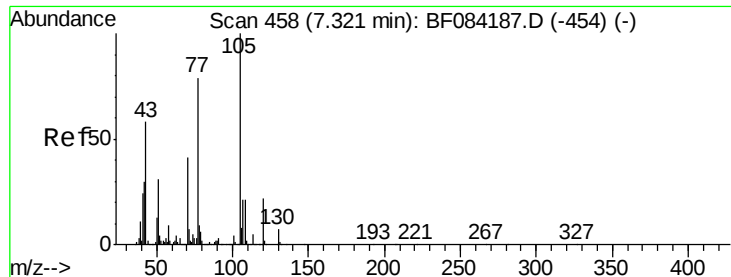


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

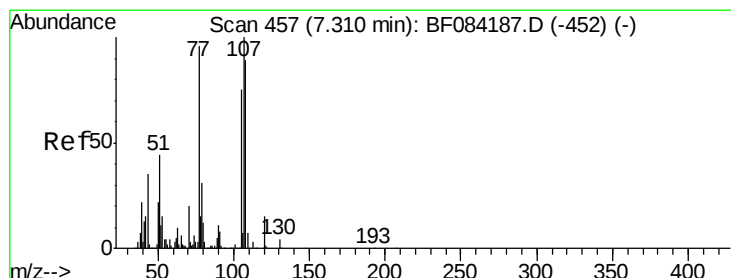
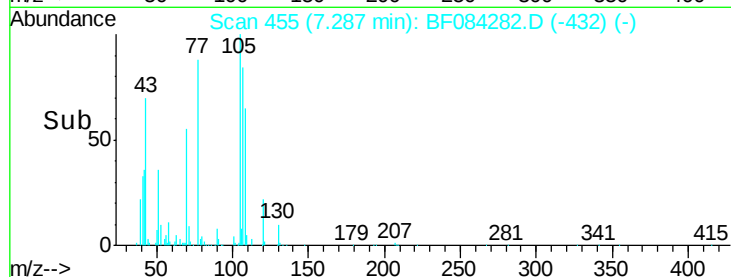
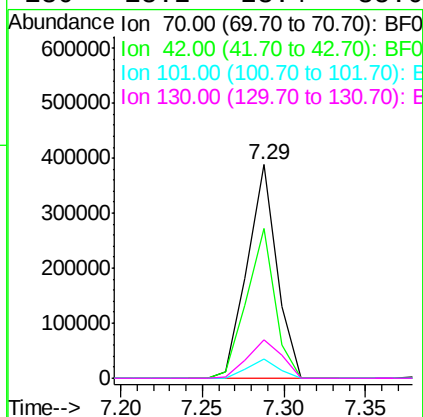
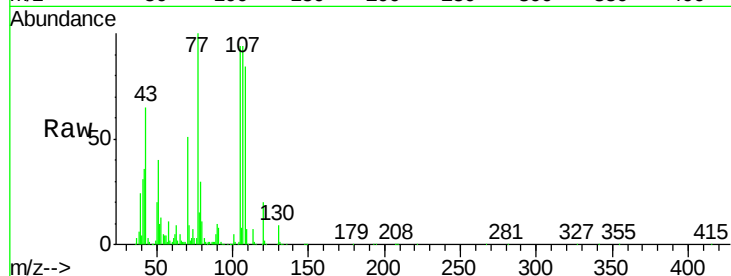




#19
n-Nitroso-di-n-propylamine
Concen: 37.04 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

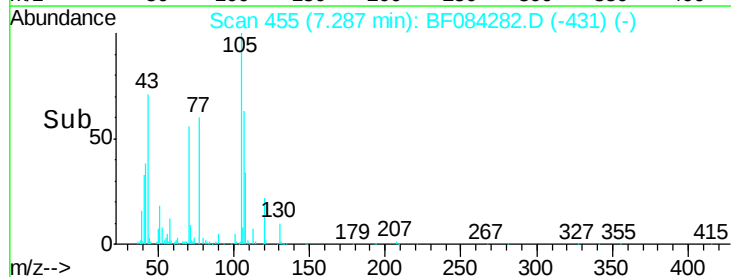
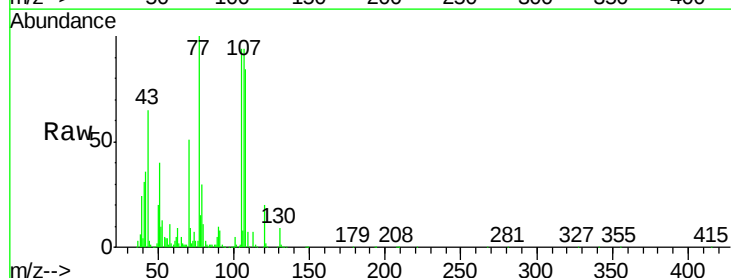
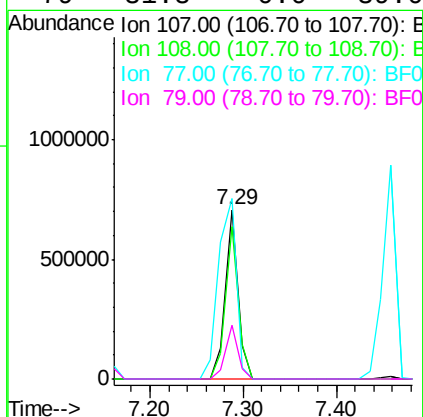
Instrument :
BNA_F
ClientSampleId :
PB87639BS

Tgt Ion: 70 Resp: 488369
Ion Ratio Lower Upper
70 100
42 70.3 33.3 49.9#
101 8.9 9.3 13.9#
130 18.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.97 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion: 107 Resp: 675381
Ion Ratio Lower Upper
107 100
108 89.9 74.6 114.6
77 106.9 0.7 40.7#
79 31.8 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: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

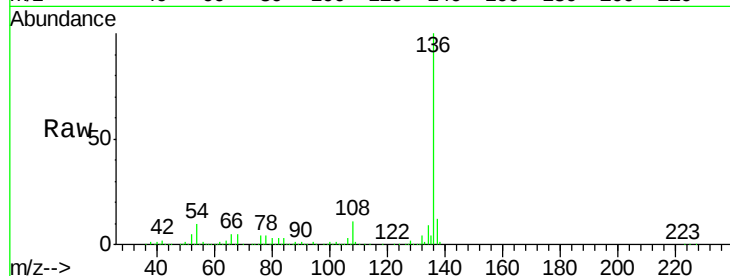
ClientSampleId :

PB87639BS

Tgt Ion:136 Resp: 1043429

Ion Ratio Lower Upper

136	100		
137	11.7	8.7	13.1
54	9.8	5.8	8.8#
68	5.4	4.2	6.2

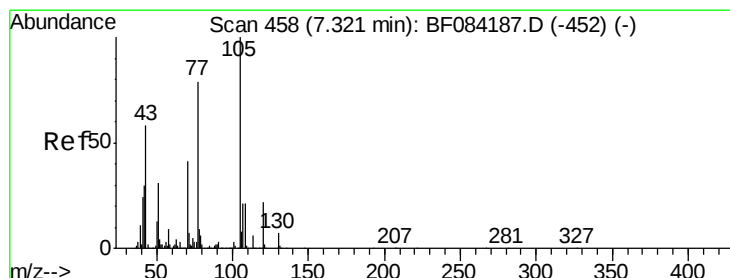
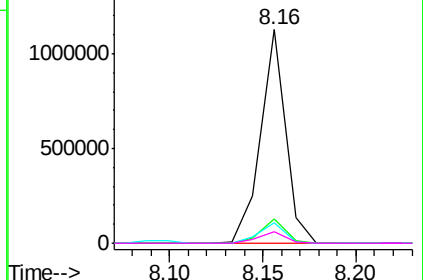
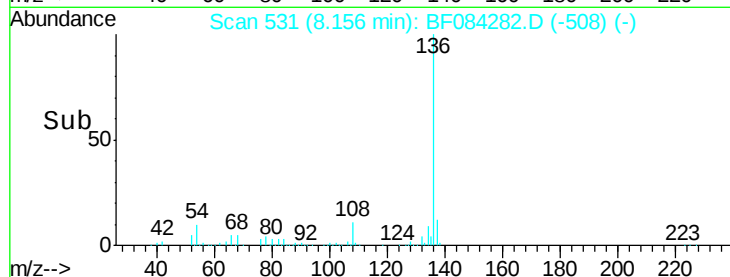


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.32 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

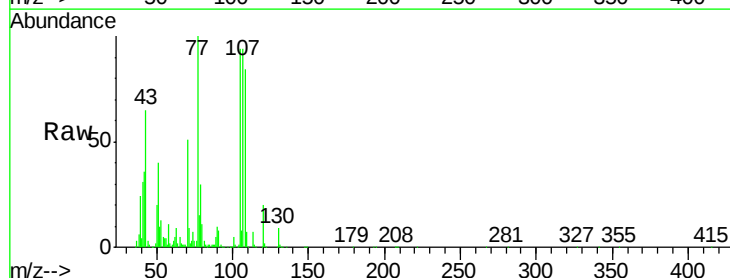
Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Tgt Ion:105 Resp: 1011750

Ion Ratio Lower Upper

105	100		
71	9.1	3.7	5.5#
51	42.4	25.1	37.7#
120	21.7	16.6	25.0

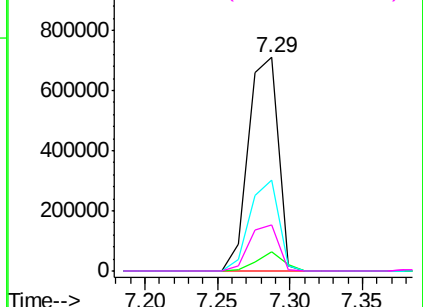
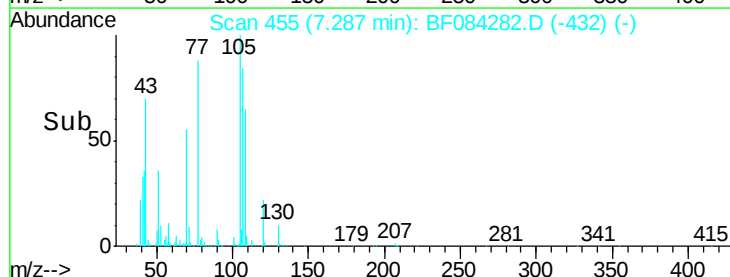


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

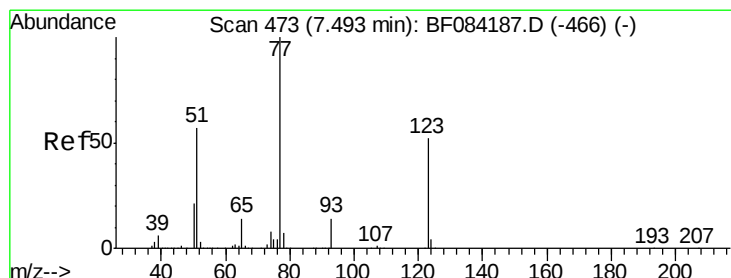
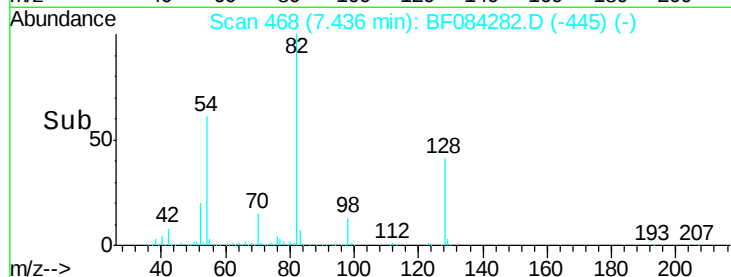
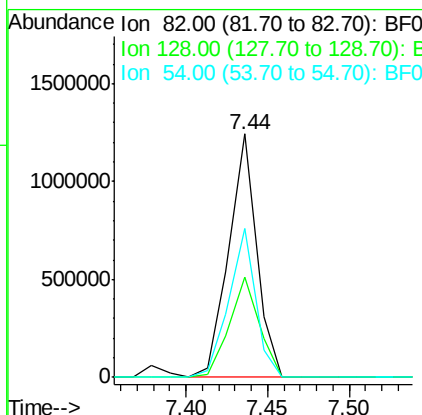
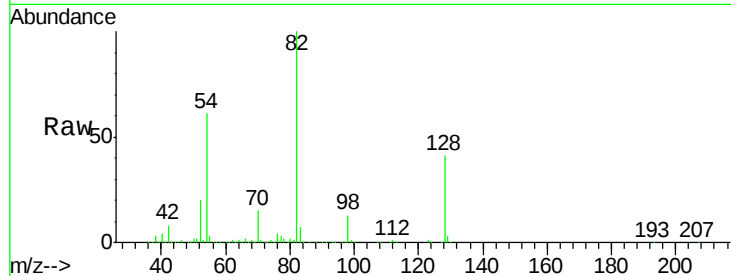




#23
 Nitrobenzene-d5
 Concen: 78.23 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

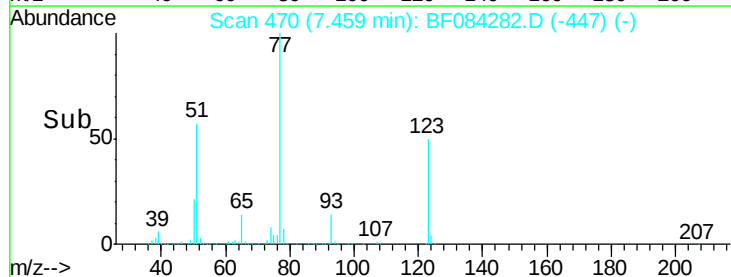
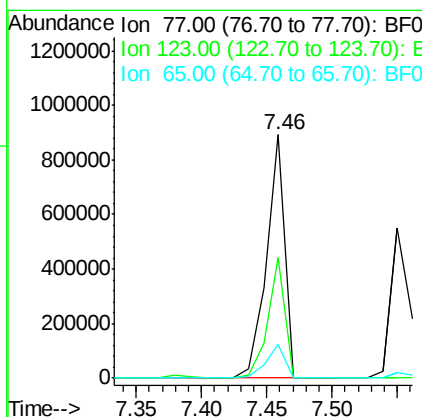
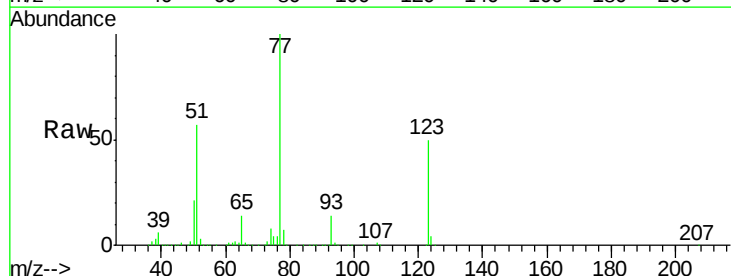
Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

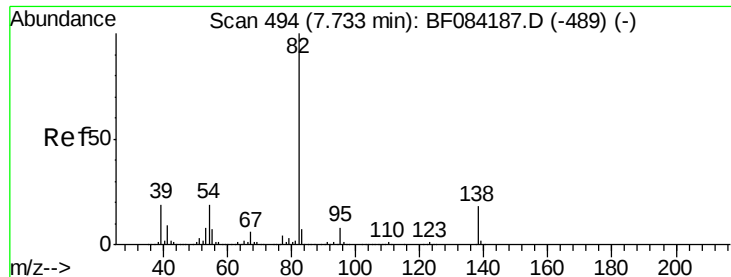
Tgt Ion: 82 Resp: 1466755
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 51.8
 54 61.1 38.4 57.6#



#24
 Nitrobenzene
 Concen: 45.65 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Tgt Ion: 77 Resp: 868072
 Ion Ratio Lower Upper
 77 100
 123 49.8 37.4 56.2
 65 14.0 10.9 16.3





#25

Isophorone

Concen: 41.13 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

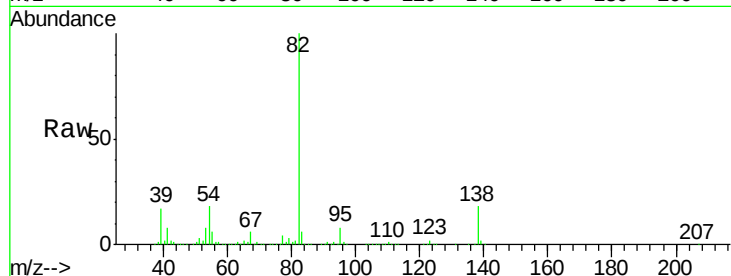
Tgt Ion: 82 Resp: 1474891

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

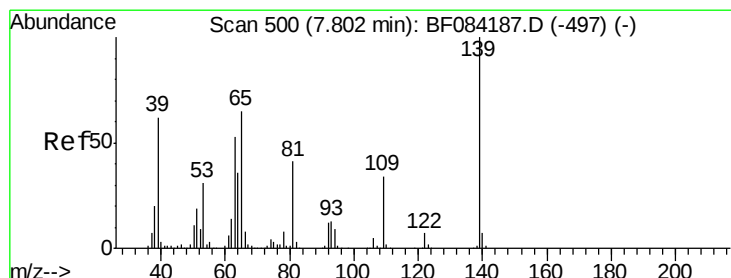
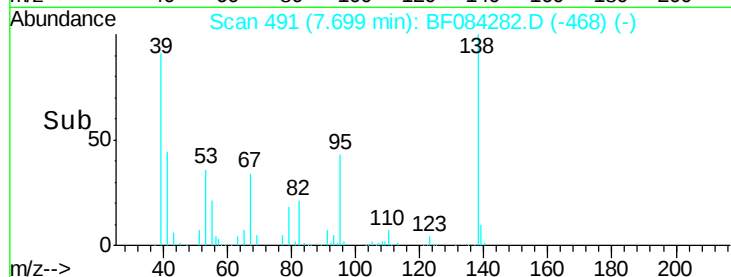
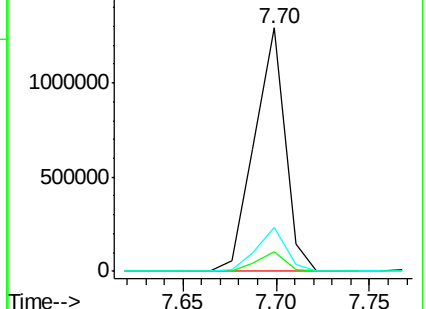
138 18.0 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.59 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

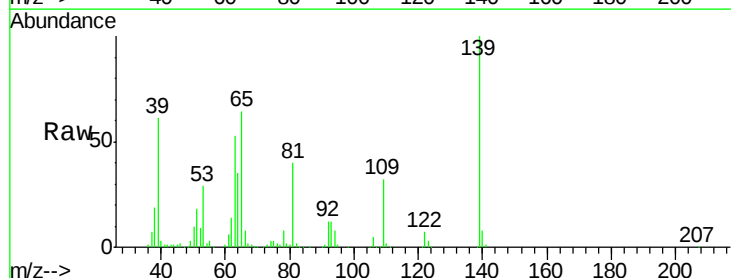
Tgt Ion: 139 Resp: 377265

Ion Ratio Lower Upper

139 100

109 32.3 25.4 38.2

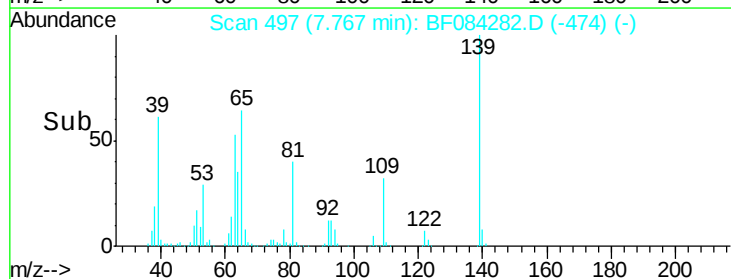
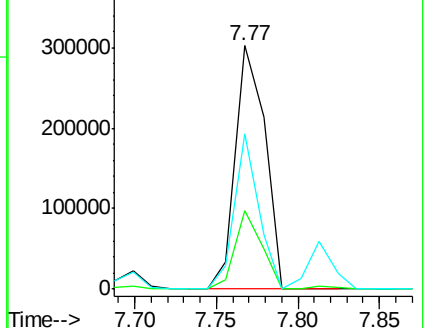
65 63.8 32.3 48.5#



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: 39.21 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

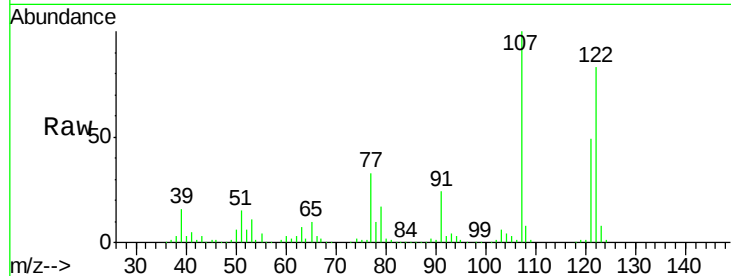
Tgt Ion:122 Resp: 686768

Ion Ratio Lower Upper

122 100

107 120.2 99.1 148.7

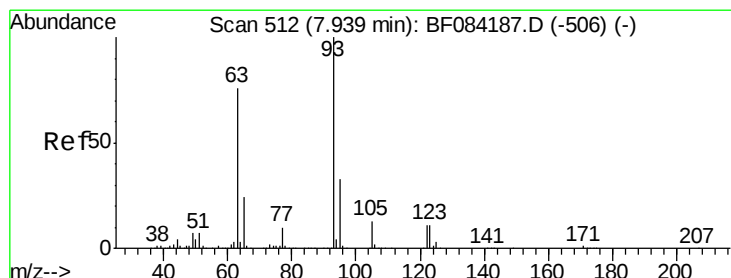
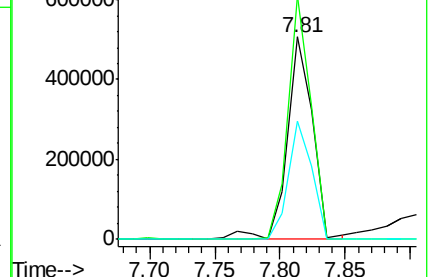
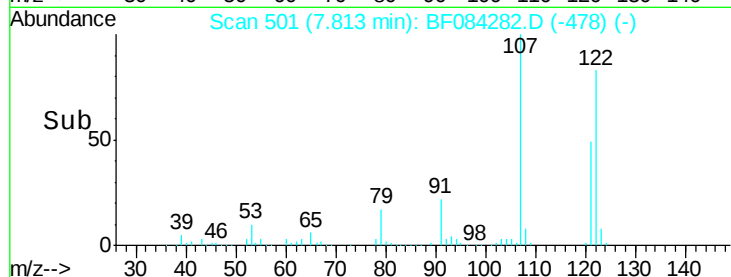
121 58.3 47.9 71.9



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: 40.58 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

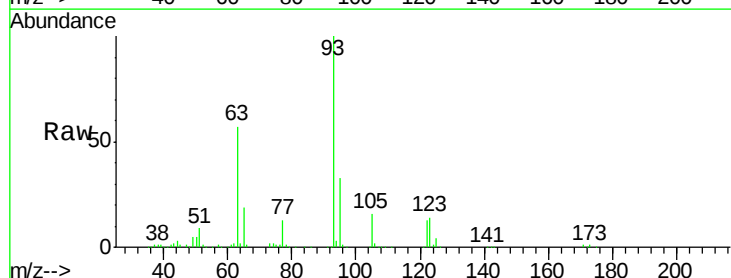
Tgt Ion: 93 Resp: 888800

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.6

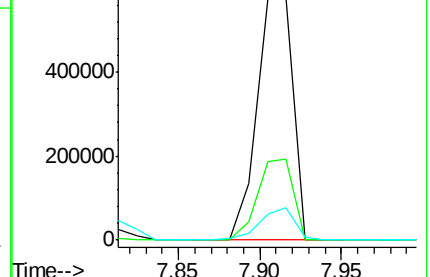
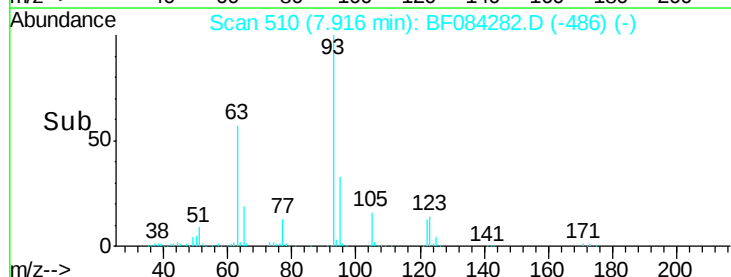
123 13.5 8.6 12.8#

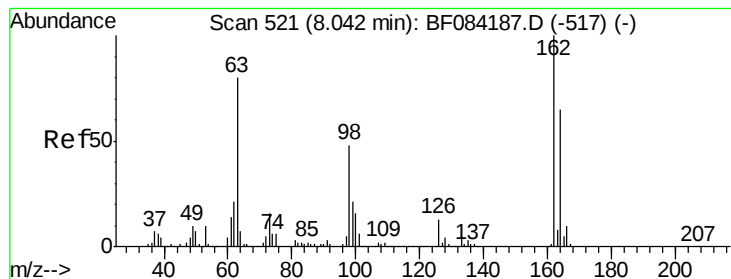


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.98 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

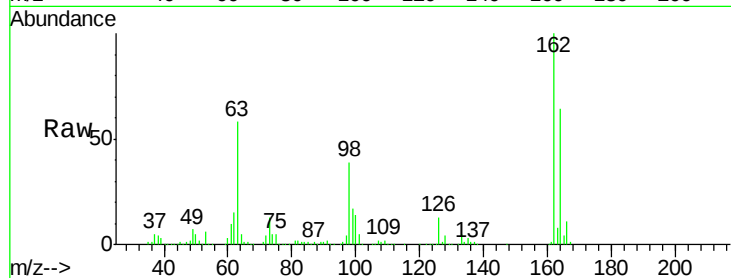
Tgt Ion:162 Resp: 641725

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

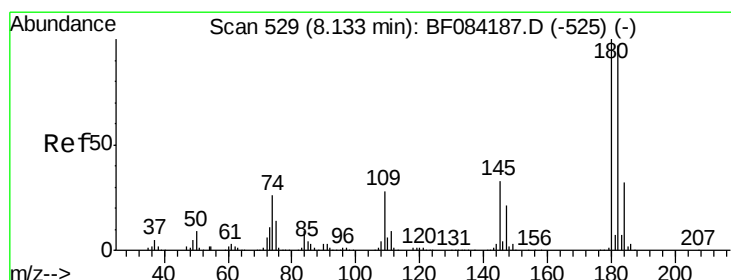
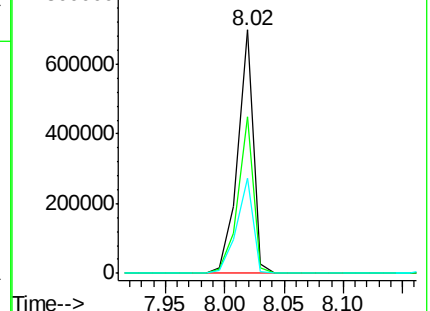
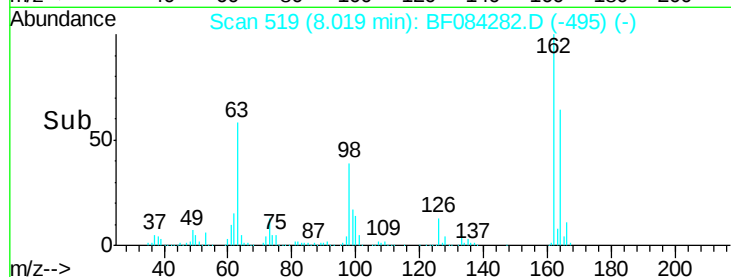
98 39.1 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.27 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

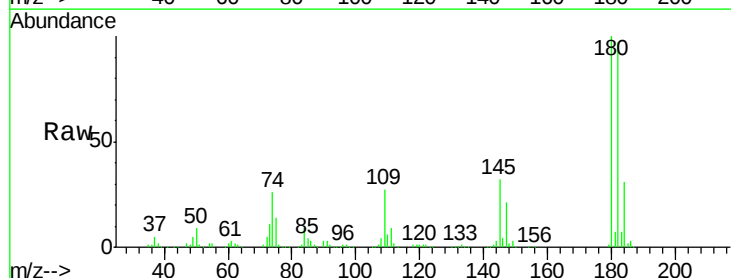
Tgt Ion:180 Resp: 651814

Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

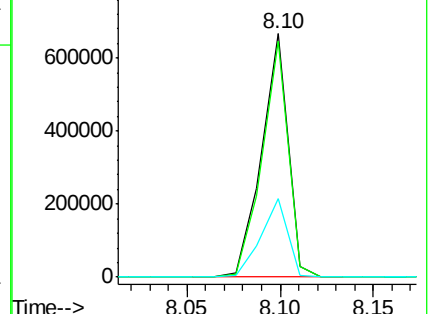
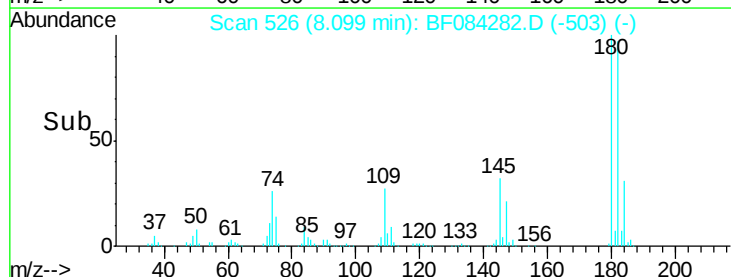
145 32.4 31.6 47.4

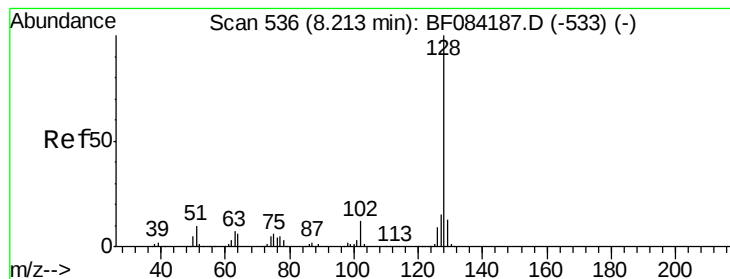


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.77 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

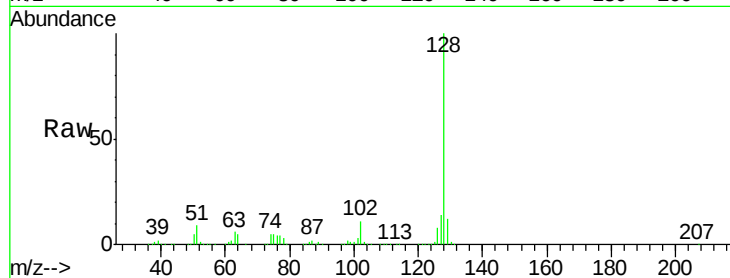
Tgt Ion:128 Resp: 2024694

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

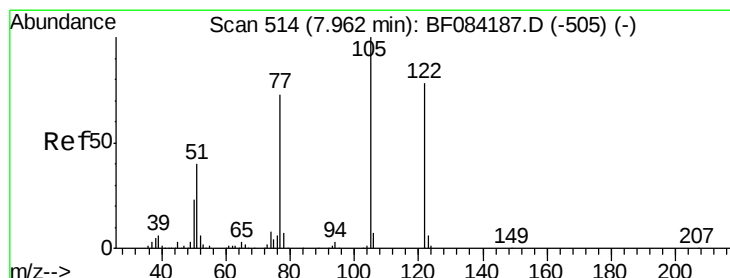
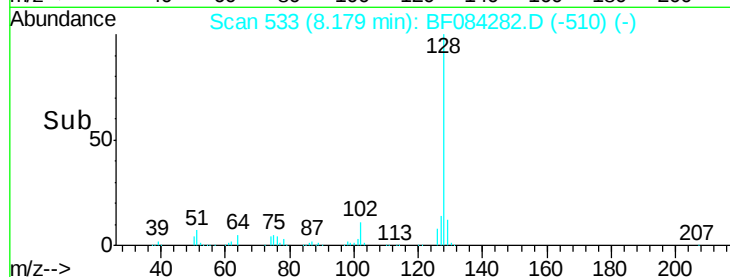
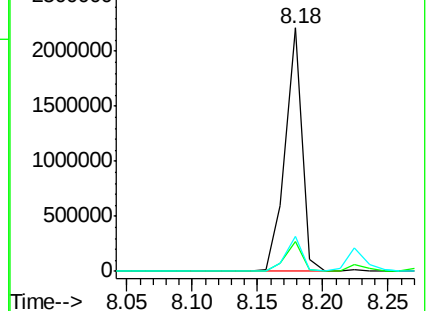
127 14.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.68 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

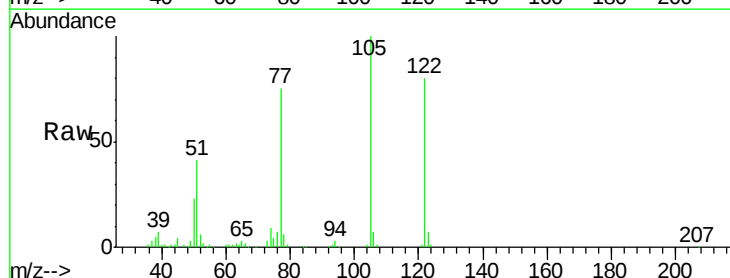
Tgt Ion:122 Resp: 277719

Ion Ratio Lower Upper

122 100

105 125.7 100.3 140.3

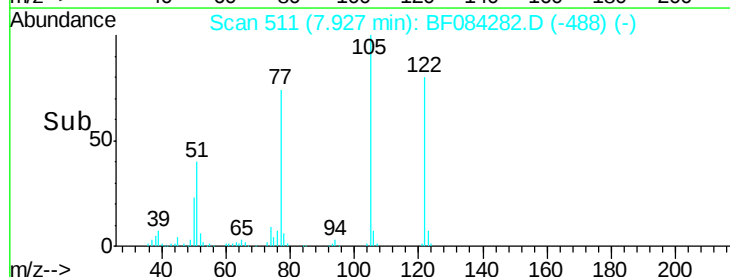
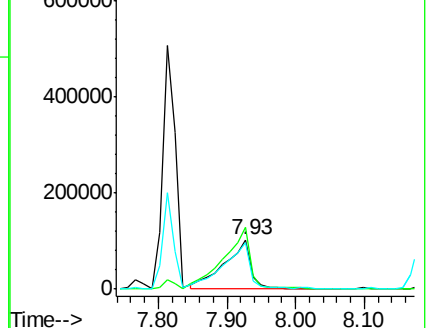
77 94.4 63.5 103.5



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

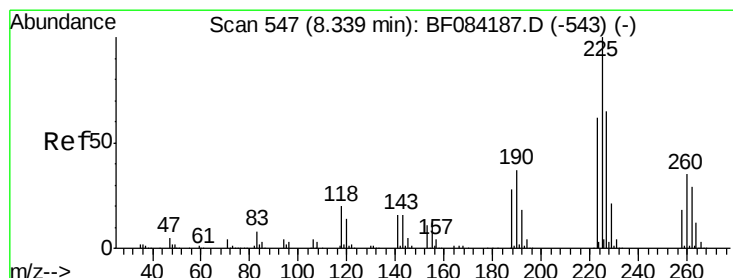
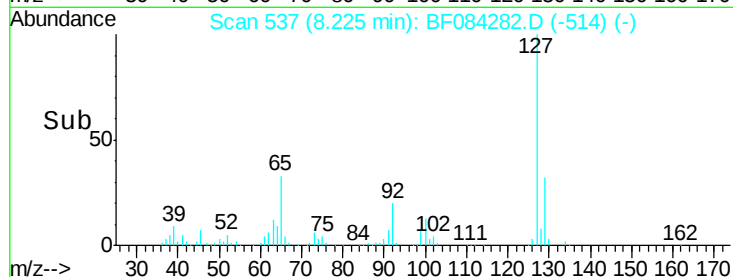
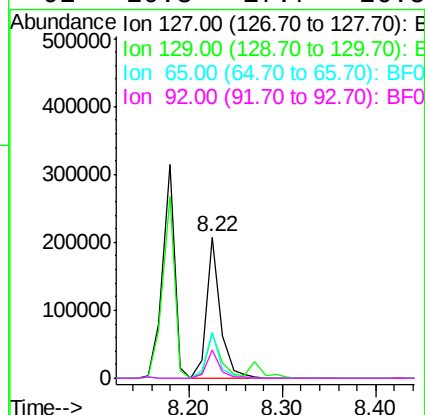
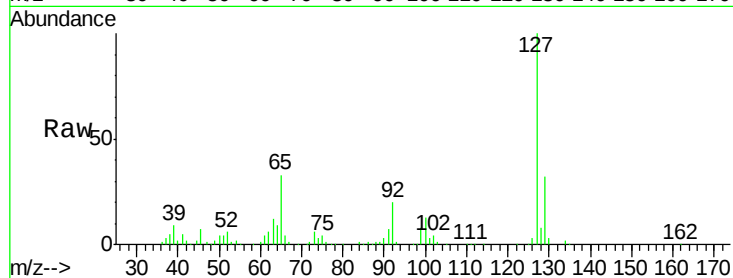




#33
4-Chloroaniline
Concen: 10.10 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

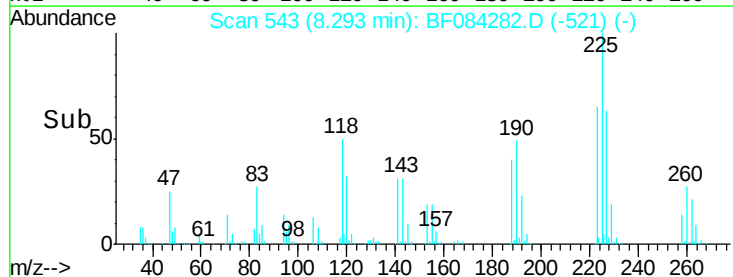
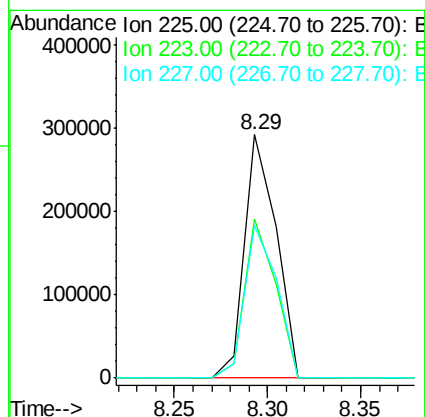
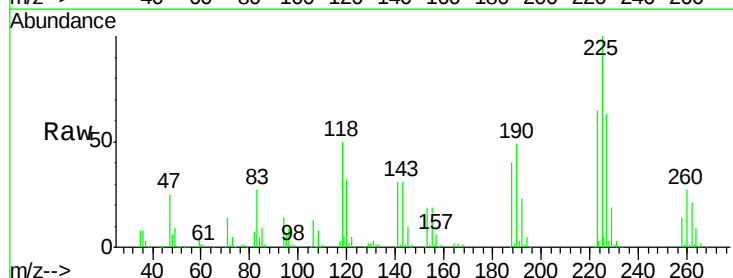
Instrument :
BNA_F
ClientSampleId :
PB87639BS

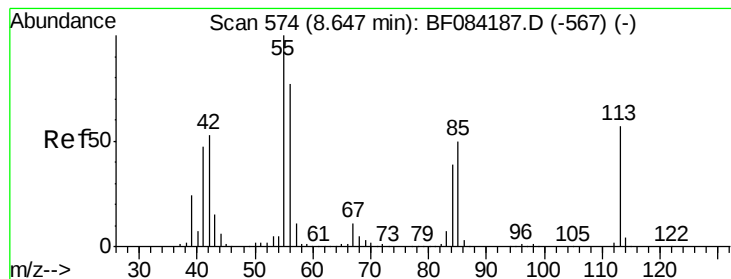
Tgt Ion:	127	Resp:	219229
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	32.5	27.2	40.8
92	20.3	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.79 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion:	225	Resp:	344597
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.4	74.0
227	63.0	50.8	76.2





#35

Caprolactam

Concen: 26.89 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.05 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

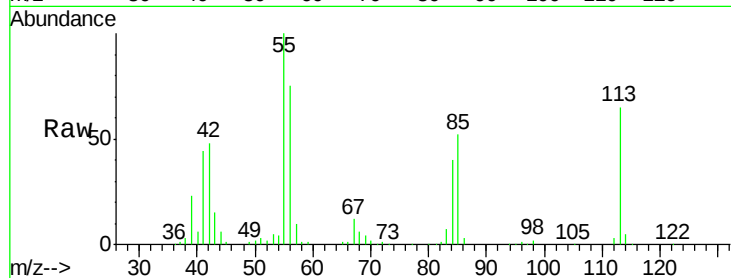
Tgt Ion:113 Resp: 132296

Ion Ratio Lower Upper

113 100

55 154.6 116.9 156.9

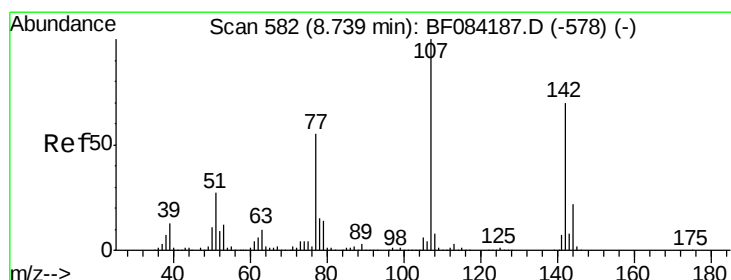
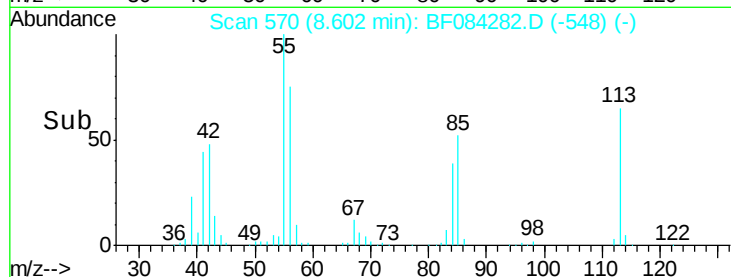
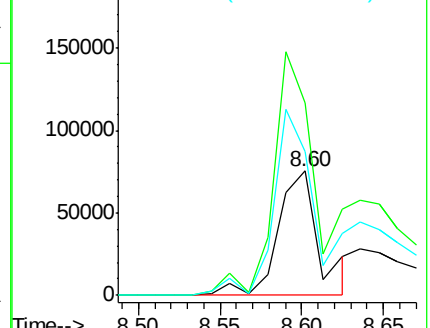
56 115.5 93.8 133.8



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: 40.89 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

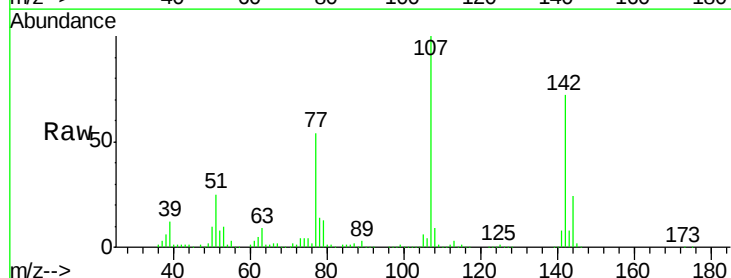
Tgt Ion:107 Resp: 668279

Ion Ratio Lower Upper

107 100

144 23.5 19.7 29.5

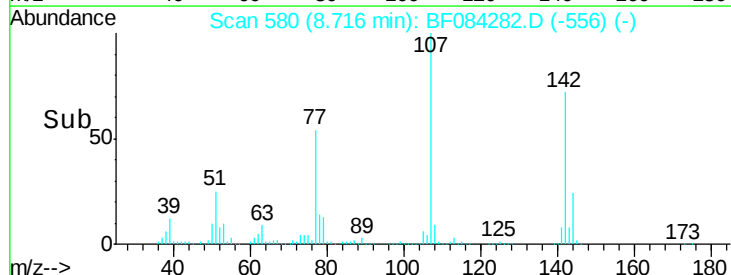
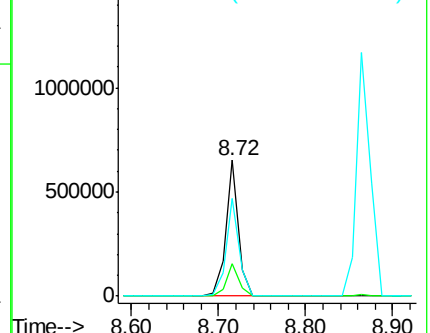
142 72.3 61.8 92.6

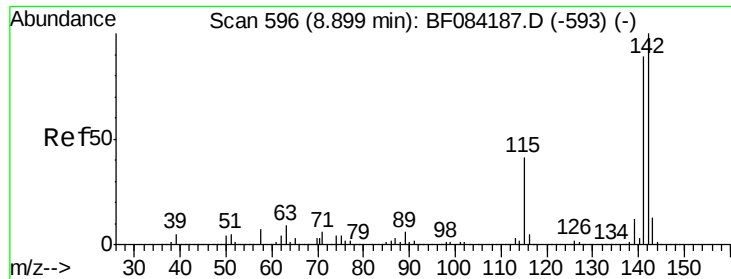


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

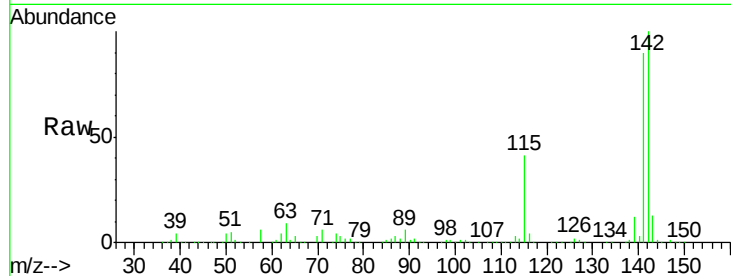




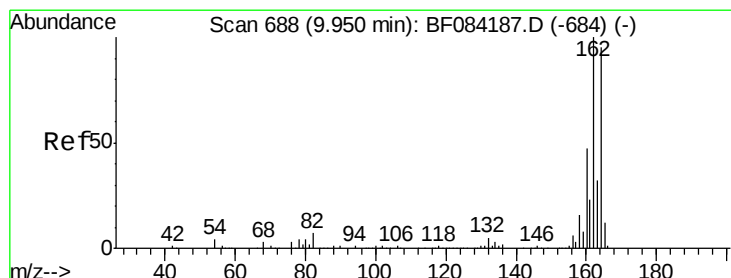
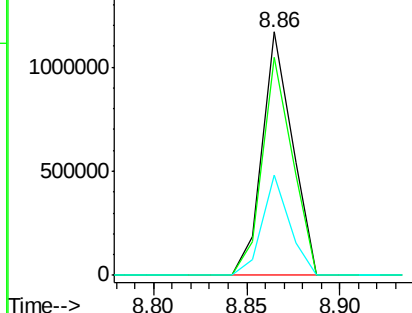
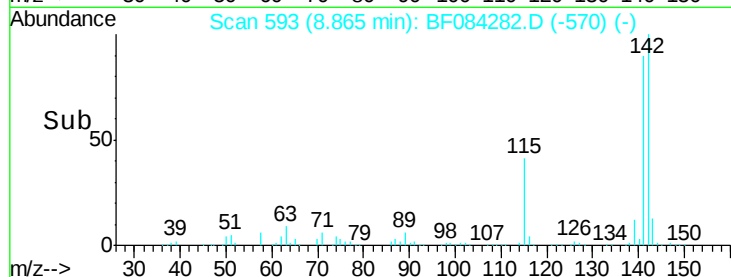
#37
2-Methylnaphthalene
Concen: 38.27 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Instrument :
BNA_F
ClientSampleId :
PB87639BS

Tgt Ion:142 Resp: 1300699
Ion Ratio Lower Upper
142 100
141 89.6 72.4 108.6
115 41.2 27.9 41.9

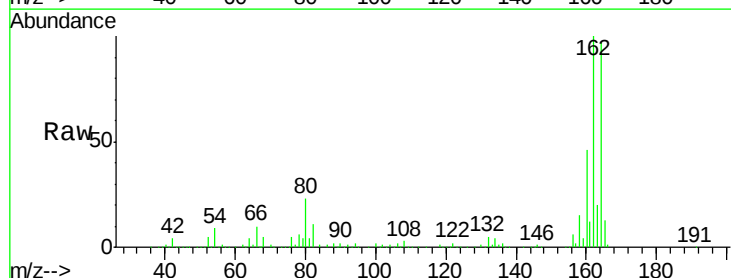


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

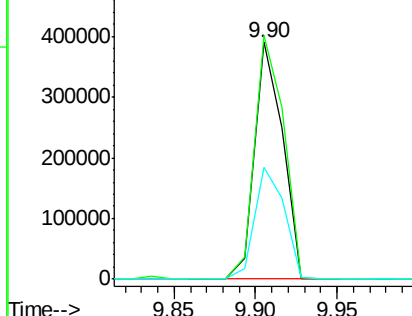
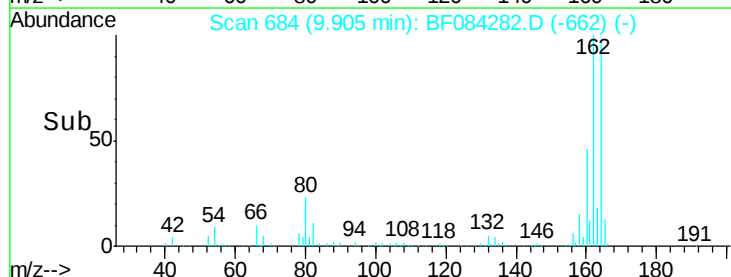


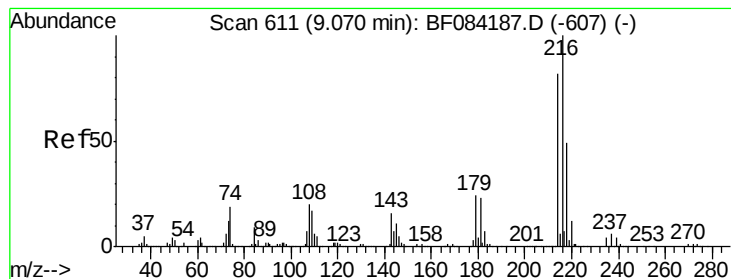
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion:164 Resp: 465035
Ion Ratio Lower Upper
164 100
162 102.7 85.1 127.7
160 47.0 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: 45.58 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

Tgt Ion:216 Resp: 609398

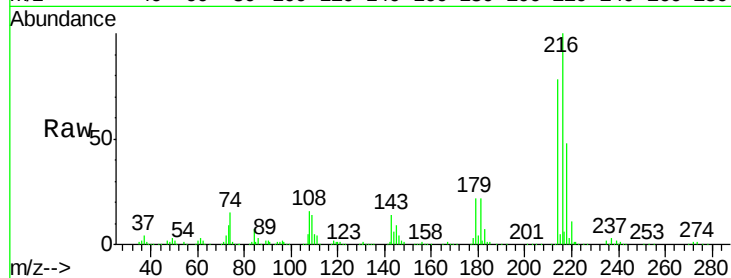
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 23.1 18.7 28.1

108 23.1 16.8 25.2

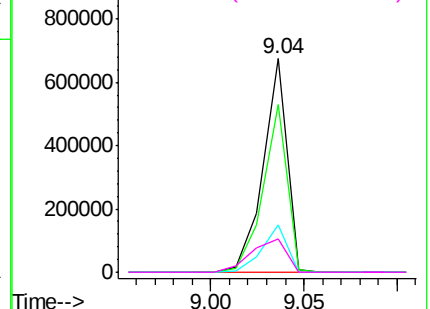
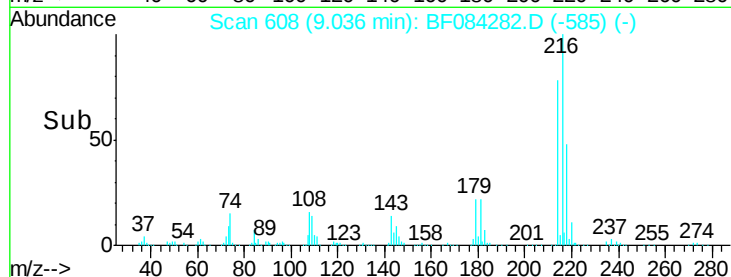


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.36 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

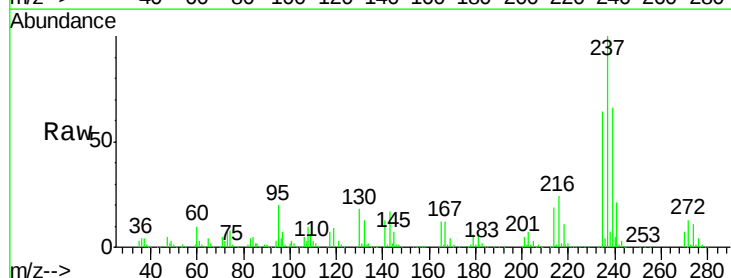
Tgt Ion:237 Resp: 745404

Ion Ratio Lower Upper

237 100

235 63.7 43.1 83.1

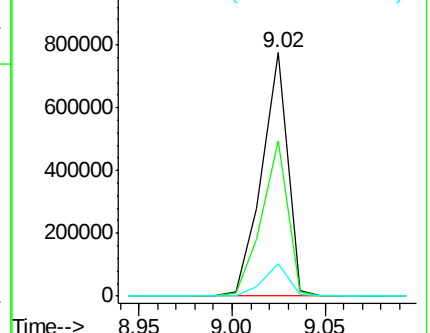
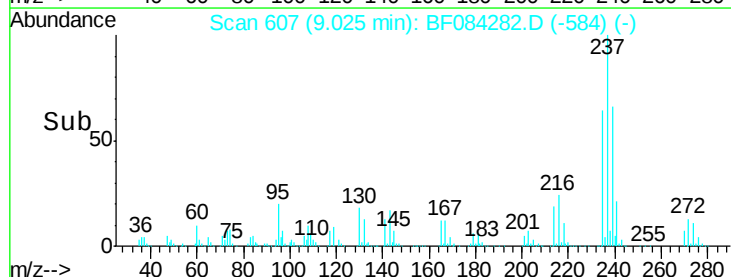
272 13.1 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

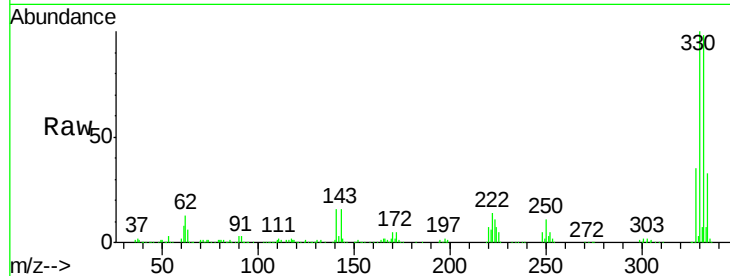




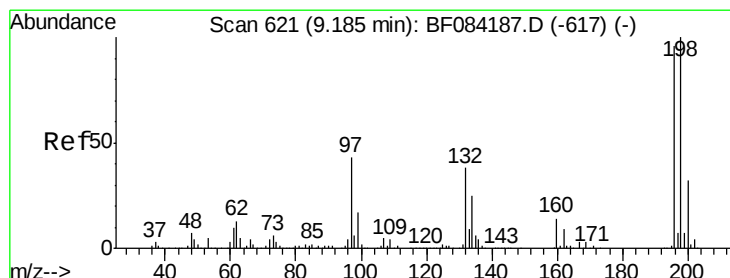
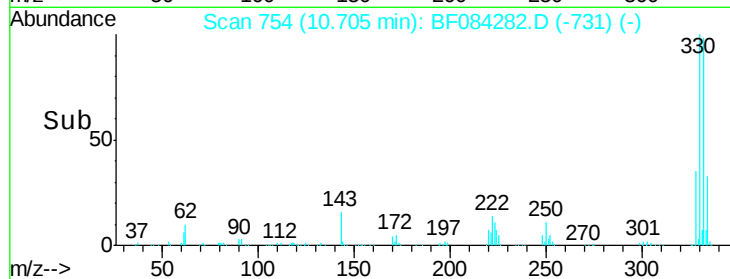
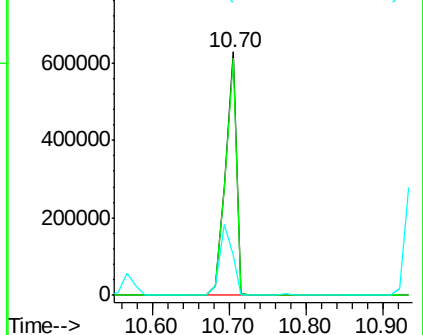
#41
 2,4,6-Tribromophenol
 Concen: 138.29 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

Tgt Ion:330 Resp: 649260
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 33.1 27.8 41.6

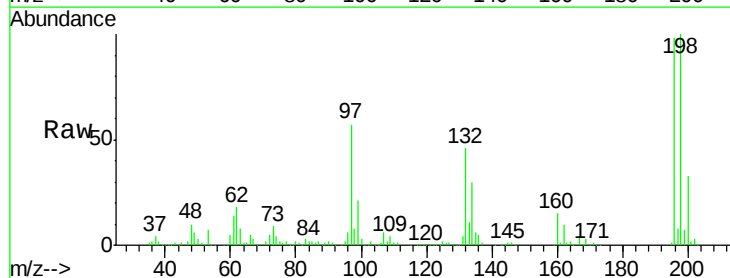


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

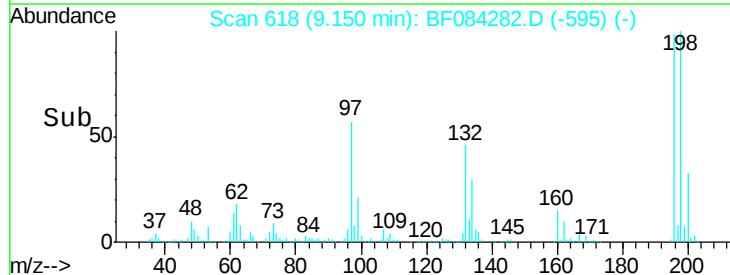
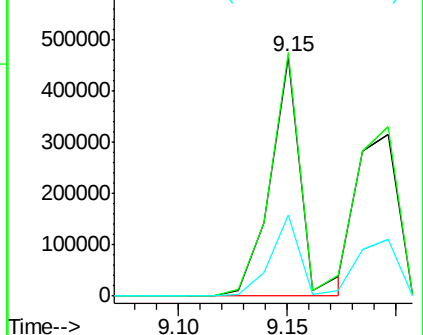


#42
 2,4,6-Trichlorophenol
 Concen: 46.00 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Tgt Ion:196 Resp: 460104
 Ion Ratio Lower Upper
 196 100
 198 102.0 77.7 116.5
 200 33.9 24.6 37.0



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

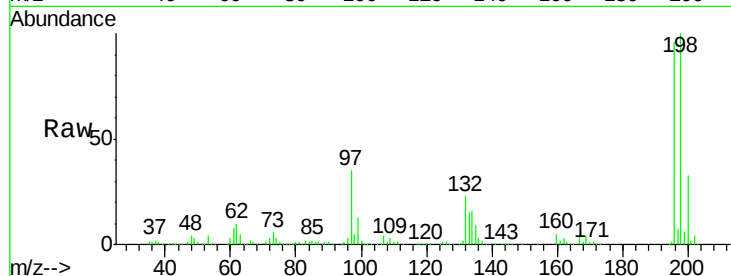




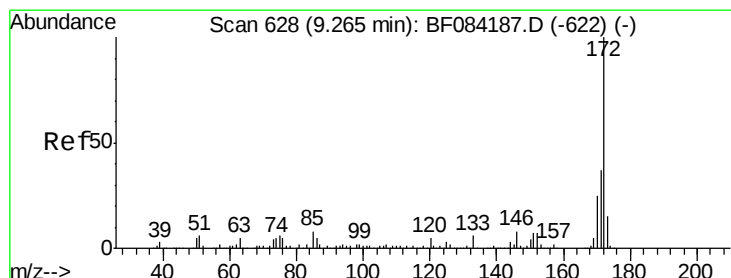
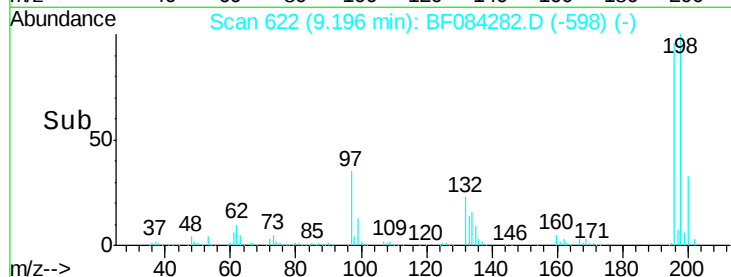
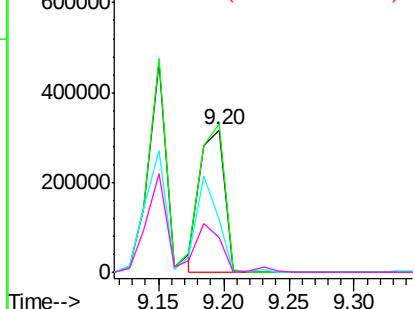
#43
 2,4,5-Trichlorophenol
 Concen: 43.49 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

Tgt Ion:196 Resp: 416996
 Ion Ratio Lower Upper
 196 100
 198 104.4 79.0 118.6
 97 36.7 33.0 49.6
 132 24.4 21.1 31.7

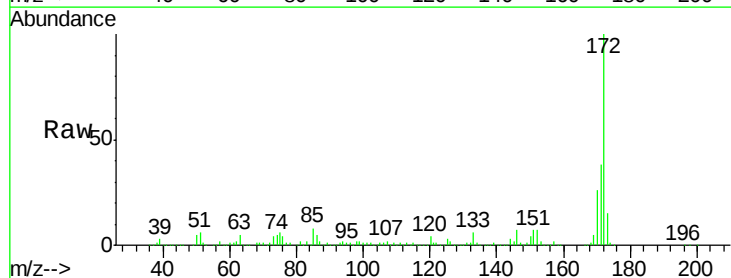


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

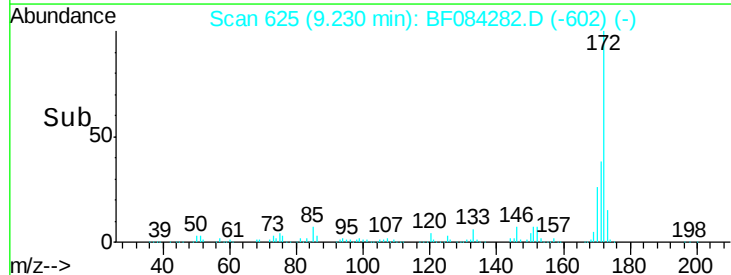
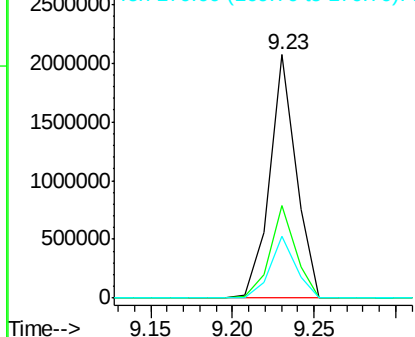


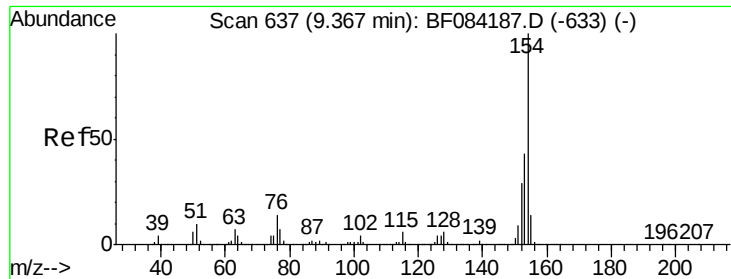
#44
 2-Fluorobiphenyl
 Concen: 89.00 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Tgt Ion:172 Resp: 2344908
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 25.6 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

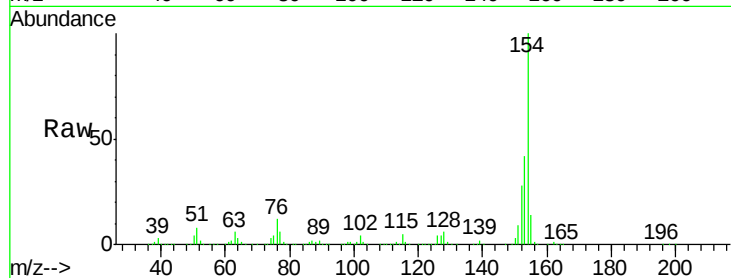




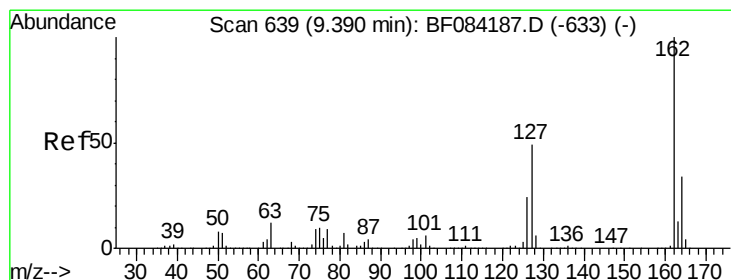
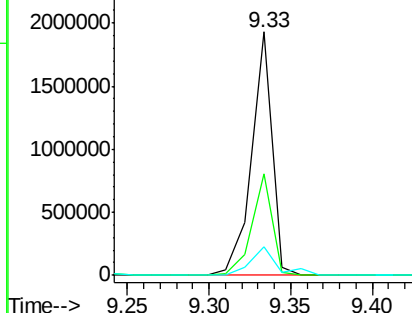
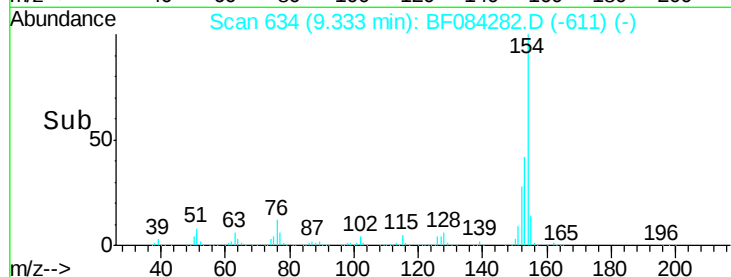
#45
 1,1'-Biphenyl
 Concen: 45.54 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

Tgt Ion:154 Resp: 1683173
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.6 61.6
 76 11.9 0.0 32.7

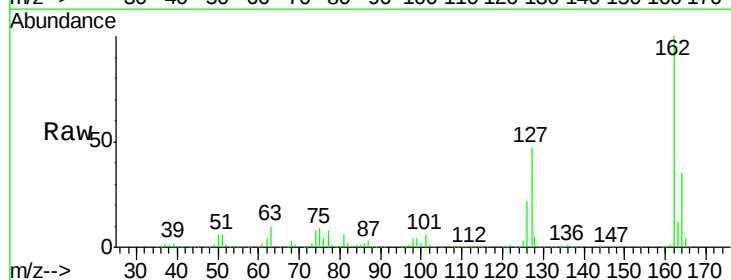


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

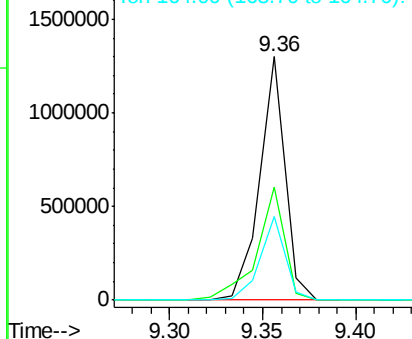
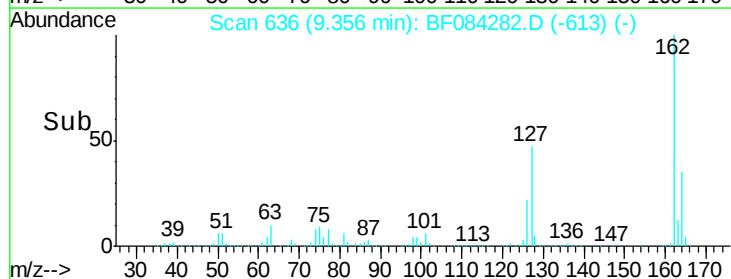


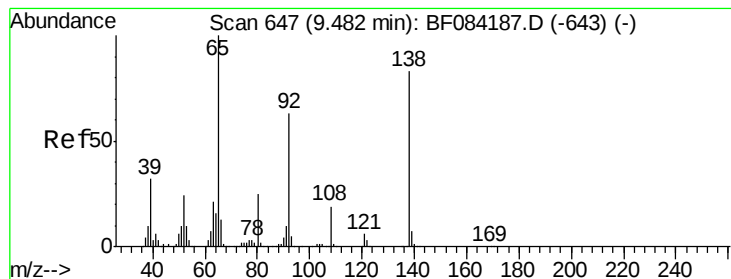
#46
 2-Chloronaphthalene
 Concen: 42.01 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Tgt Ion:162 Resp: 1219503
 Ion Ratio Lower Upper
 162 100
 127 46.7 40.2 60.4
 164 34.5 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: 44.54 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

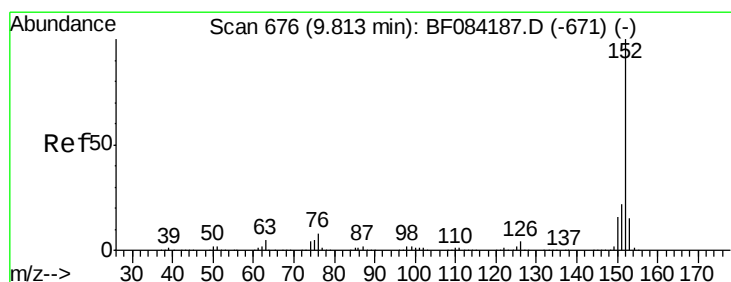
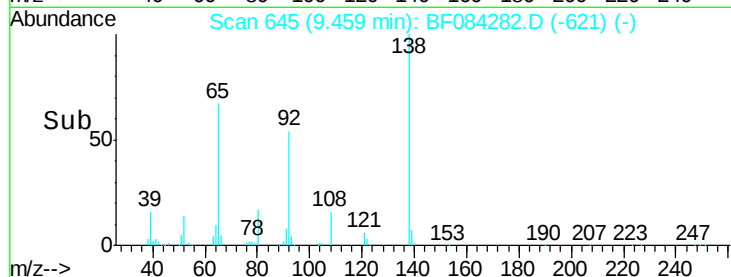
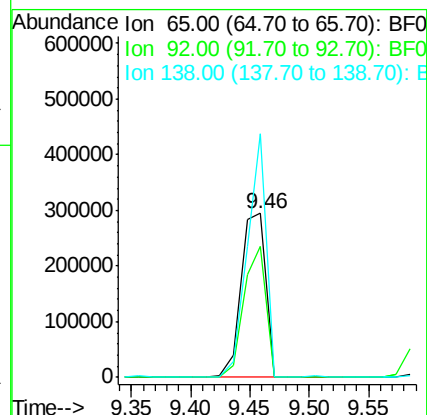
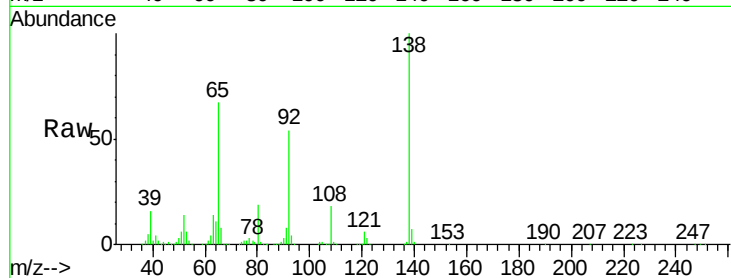
Tgt Ion: 65 Resp: 426793

Ion Ratio Lower Upper

65 100

92 79.7 53.4 80.2

138 148.3 71.1 106.7#



#48

Acenaphthylene

Concen: 42.94 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

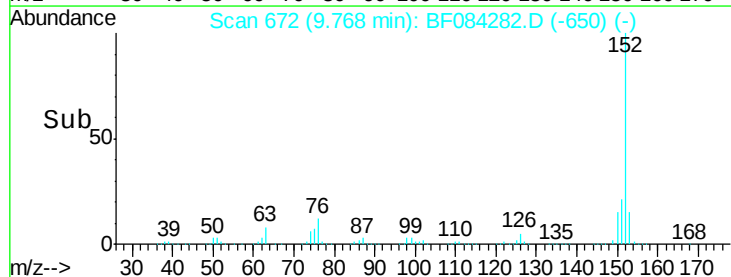
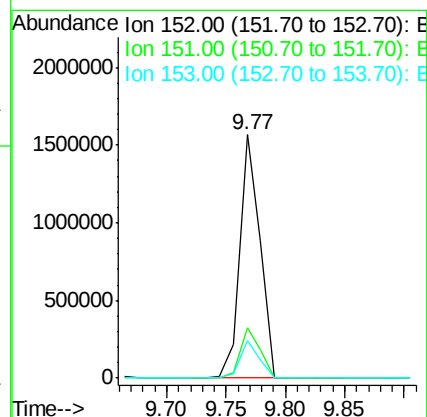
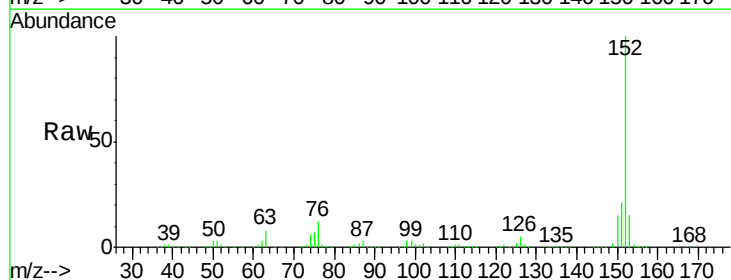
Tgt Ion: 152 Resp: 1841676

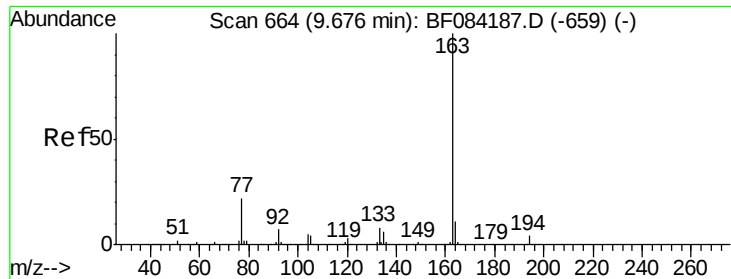
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 15.3 10.4 15.6

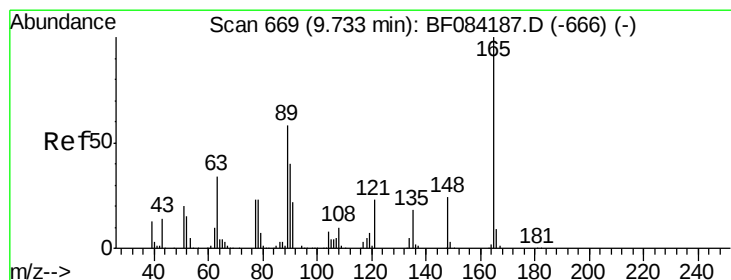
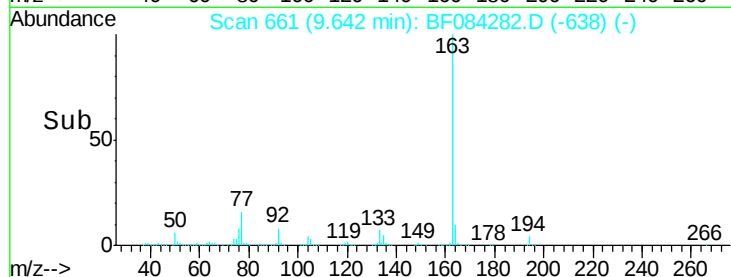
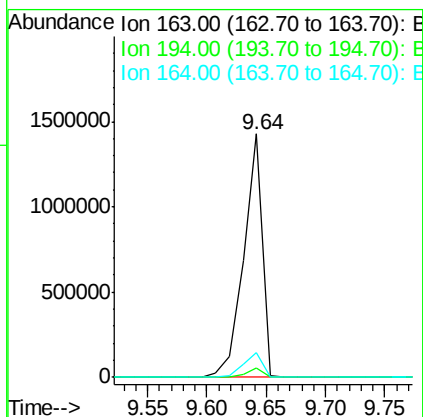
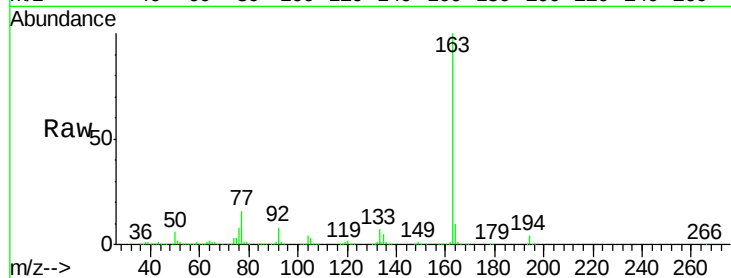




#49
Dimethylphthalate
Concen: 46.81 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

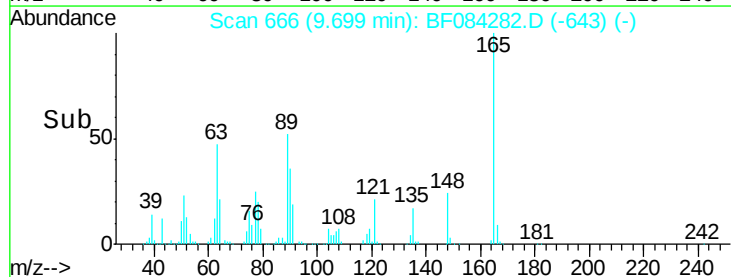
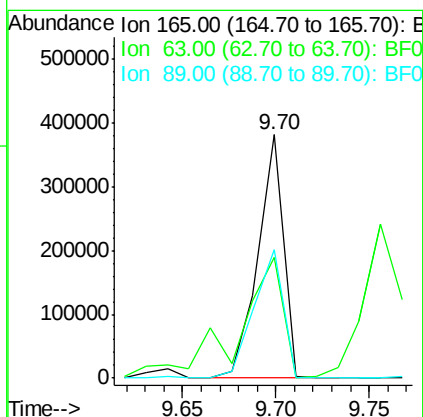
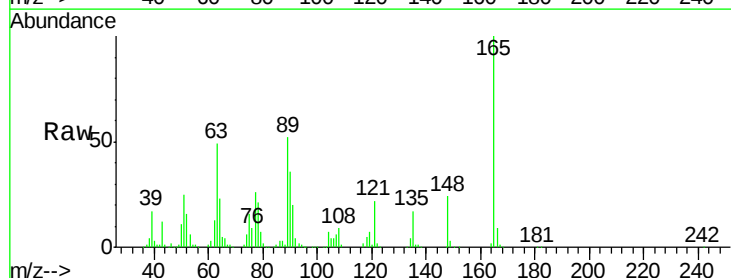
Instrument :
BNA_F
ClientSampleId :
PB87639BS

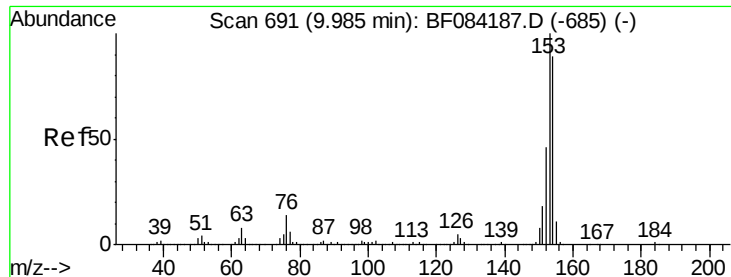
Tgt Ion:163 Resp: 1556085
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 10.0 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 49.38 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion:165 Resp: 360094
Ion Ratio Lower Upper
165 100
63 49.4 28.8 43.2#
89 52.5 35.1 52.7

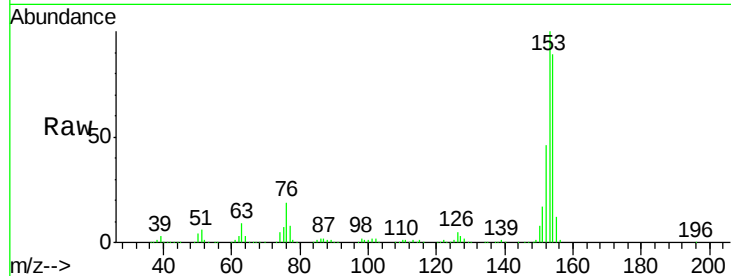




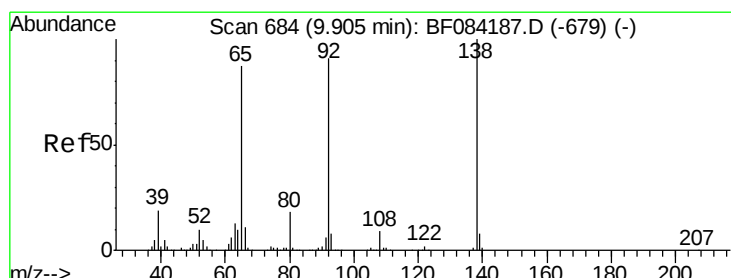
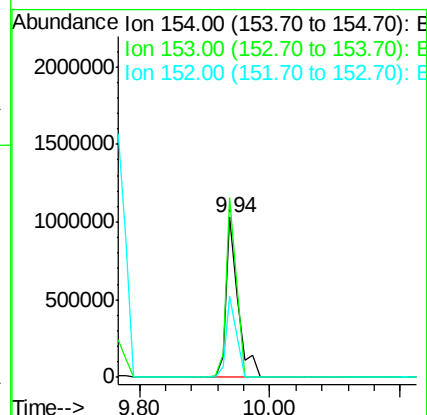
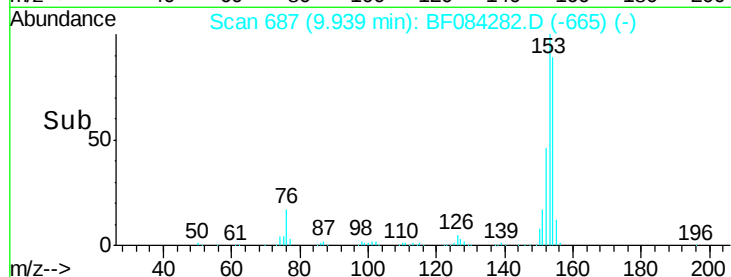
#51
Acenaphthene
Concen: 46.42 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.04 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Instrument :
BNA_F
ClientSampleId :
PB87639BS

Tgt Ion:154 Resp: 1335393
Ion Ratio Lower Upper
154 100
153 112.1 91.5 137.3
152 51.0 43.0 64.6

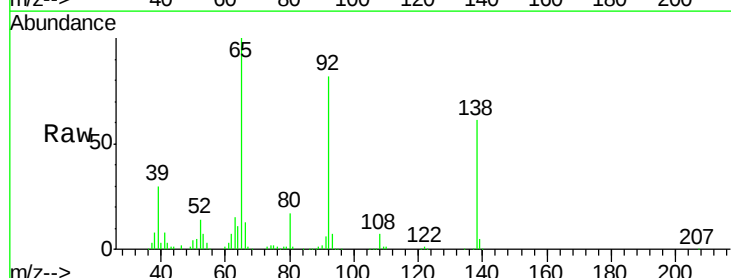


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

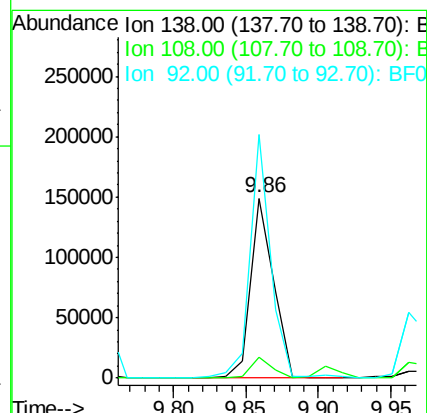
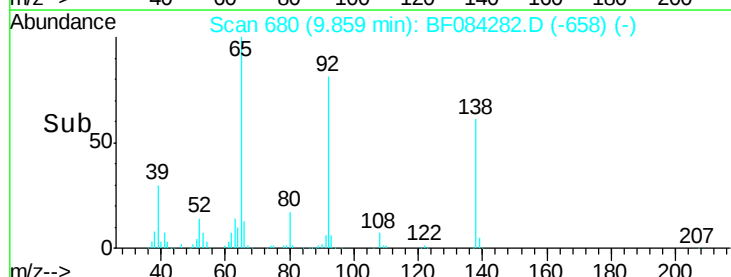


#52
3-Nitroaniline
Concen: 18.12 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.05 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion:138 Resp: 163697
Ion Ratio Lower Upper
138 100
108 11.8 10.5 15.7
92 135.5 103.9 155.9



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

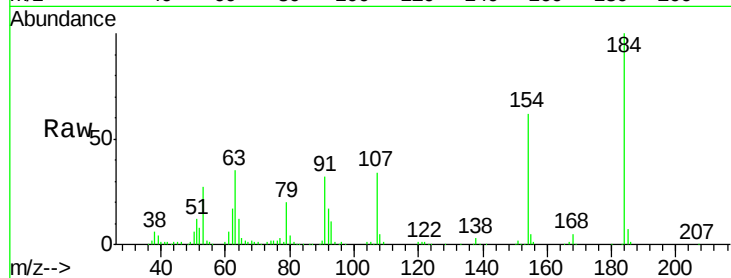




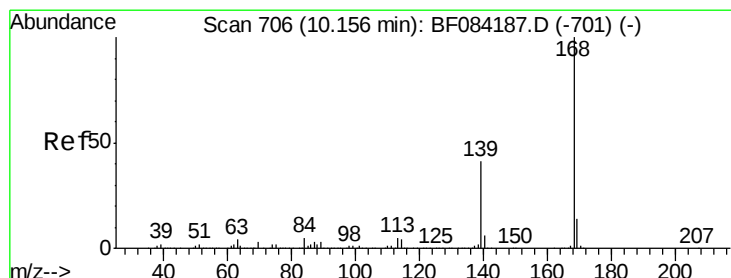
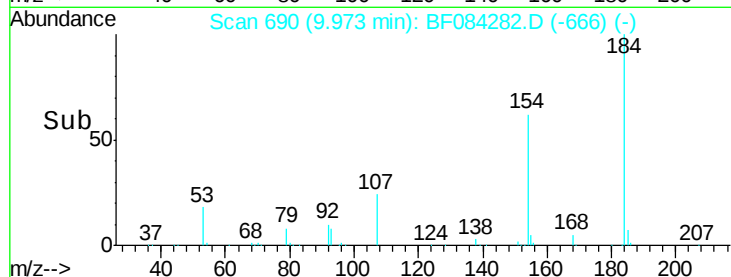
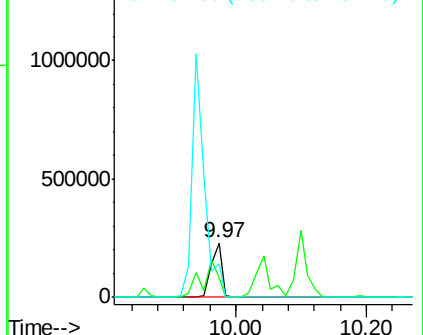
#53
2,4-Dinitrophenol
Concen: 86.38 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Instrument :
BNA_F
ClientSampleId :
PB87639BS

Tgt Ion:184 Resp: 269224
Ion Ratio Lower Upper
184 100
63 35.4 43.1 64.7#
154 62.2 60.5 90.7

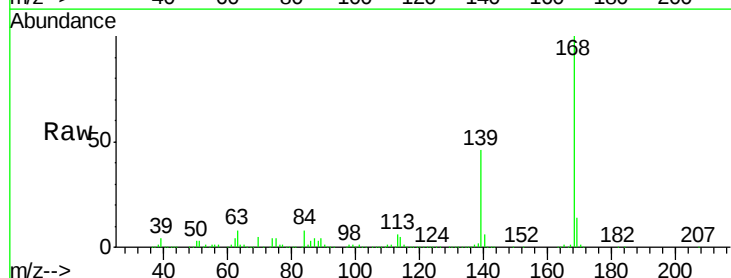


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

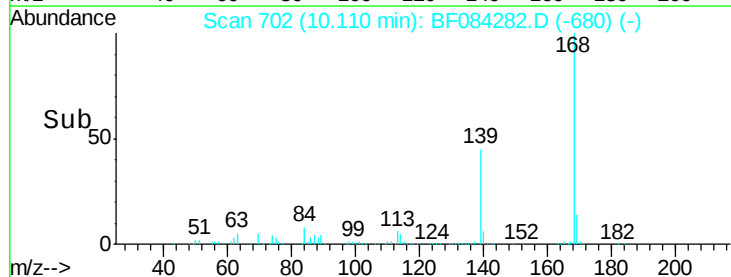
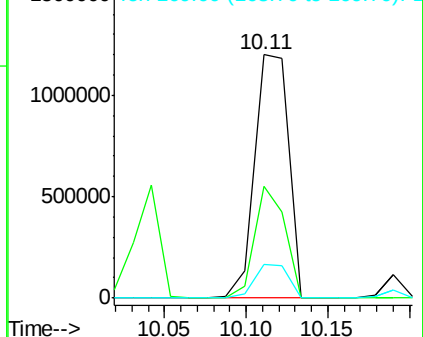


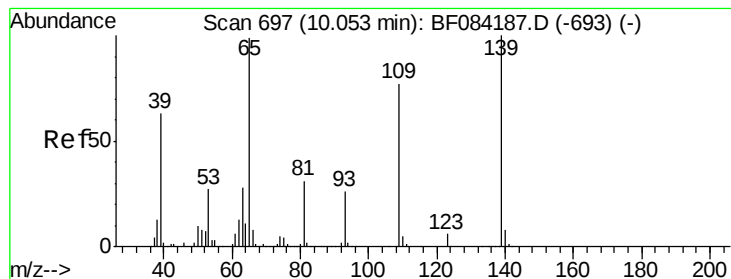
#54
Dibenzofuran
Concen: 46.54 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion:168 Resp: 1730446
Ion Ratio Lower Upper
168 100
139 46.0 30.5 45.7#
169 13.9 10.4 15.6



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





#55

4-Nitrophenol

Concen: 92.94 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

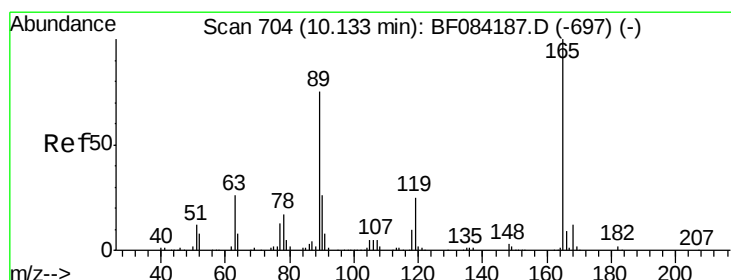
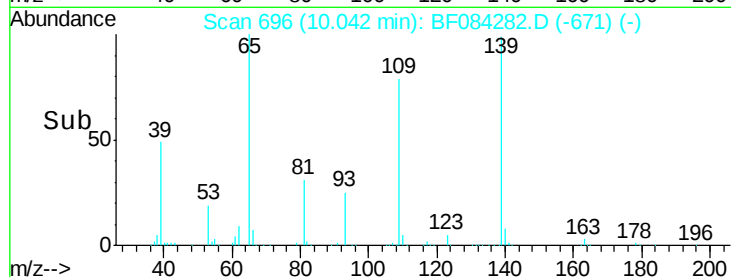
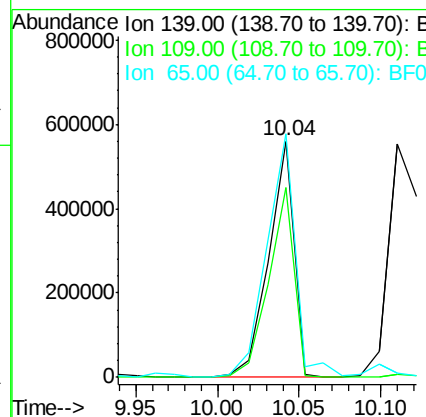
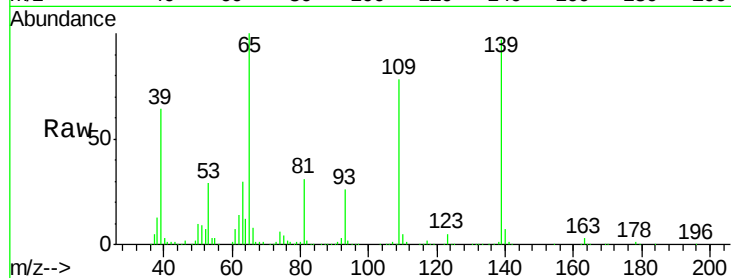
Tgt Ion:139 Resp: 609538

Ion Ratio Lower Upper

139 100

109 80.1 58.5 98.5

65 103.0 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 47.50 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Tgt Ion:165 Resp: 438375

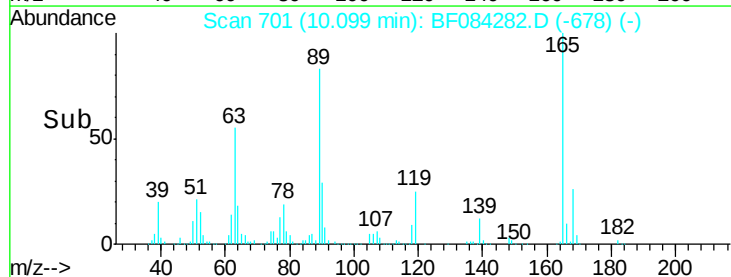
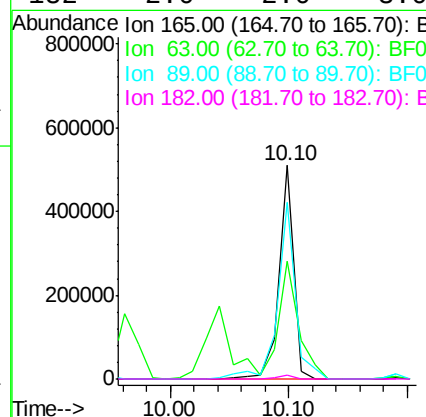
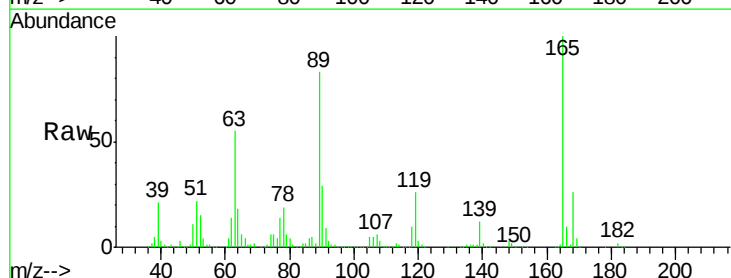
Ion Ratio Lower Upper

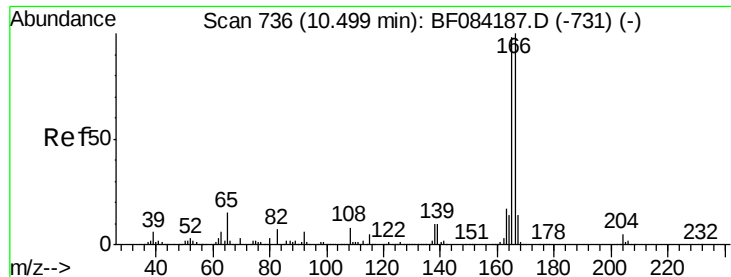
165 100

63 55.1 36.7 55.1#

89 83.0 61.9 92.9

182 2.0 2.0 3.0#

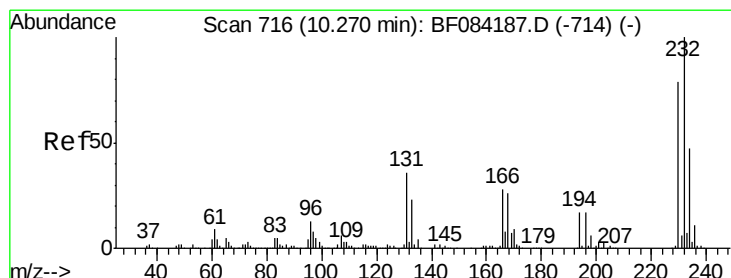
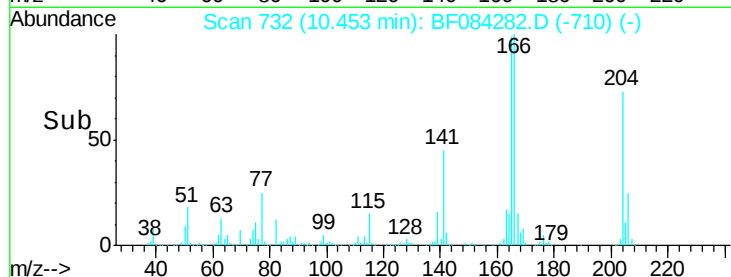
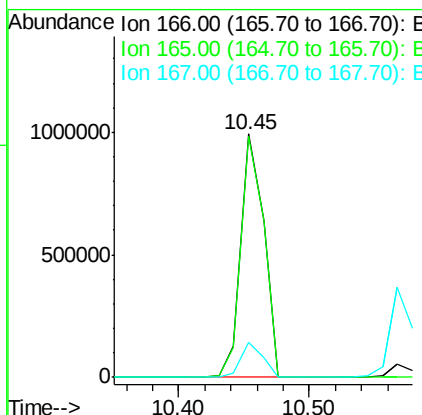
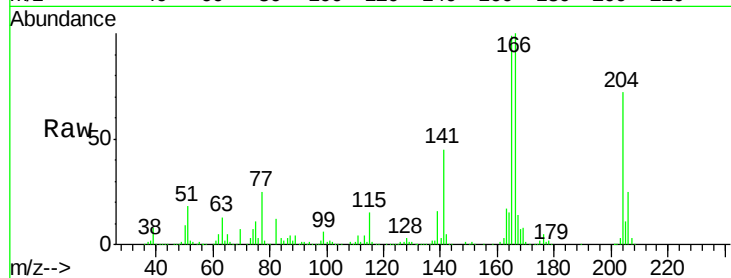




#57
Fluorene
 Concen: 41.93 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.04 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

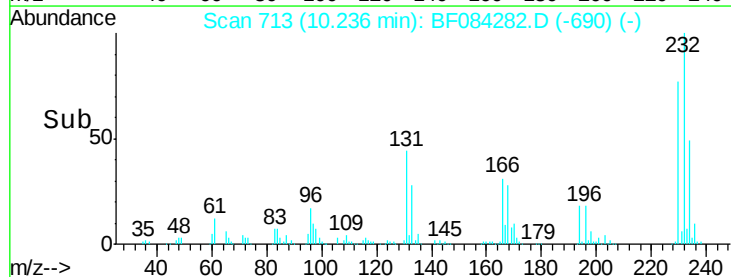
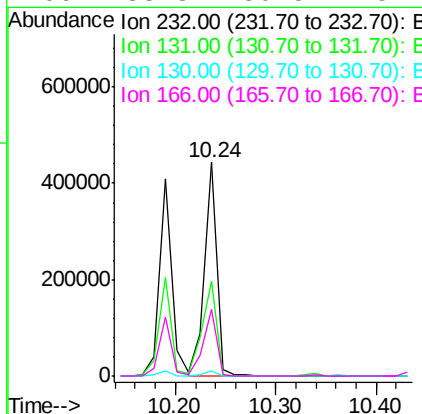
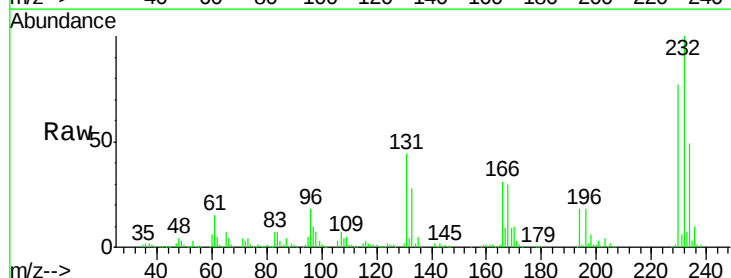
Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

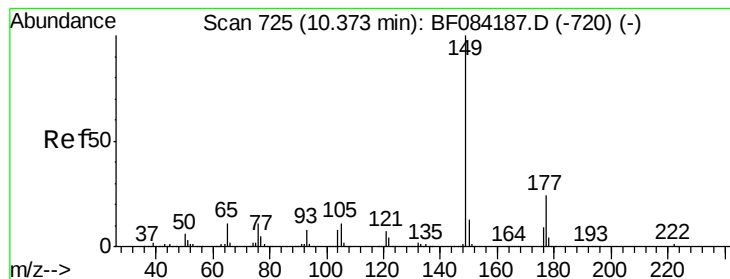
Tgt Ion:166 Resp: 1212809
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.1 118.7
 167 14.4 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.23 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Tgt Ion:232 Resp: 378443
 Ion Ratio Lower Upper
 232 100
 131 50.6 47.0 70.6
 130 2.4 2.0 3.0
 166 33.3 30.5 45.7





#59

Diethylphthalate

Concen: 45.80 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

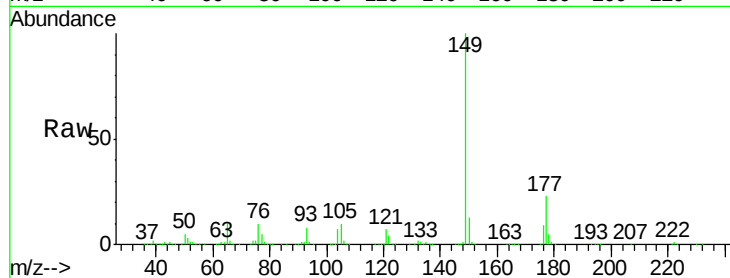
Tgt Ion:149 Resp: 1501329

Ion Ratio Lower Upper

149 100

177 23.3 17.3 25.9

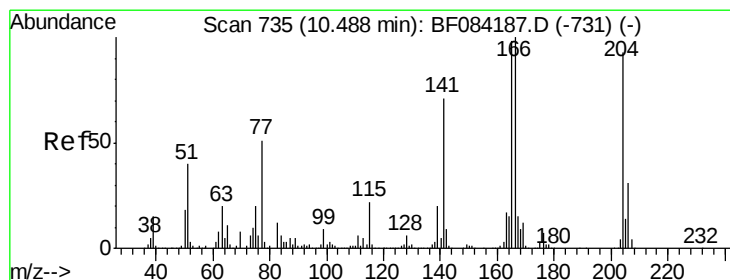
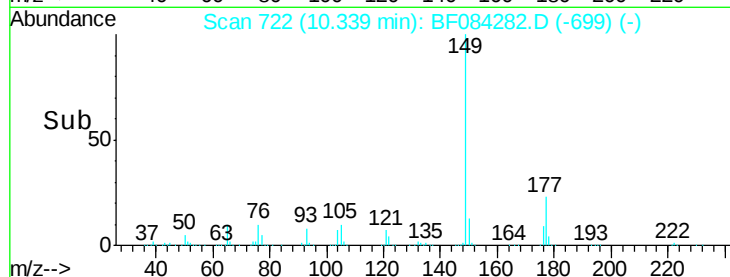
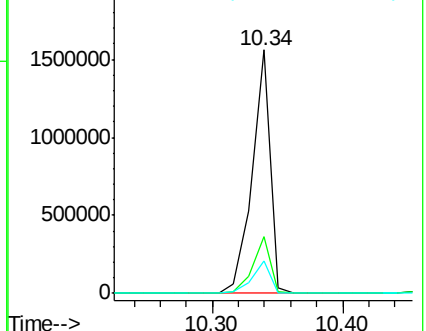
150 13.2 9.8 14.8



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: 54.74 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

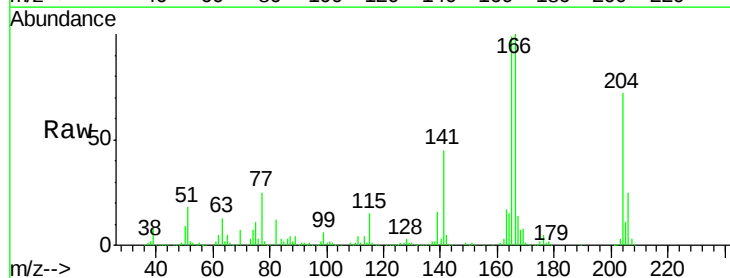
Tgt Ion:204 Resp: 644715

Ion Ratio Lower Upper

204 100

206 34.1 25.7 38.5

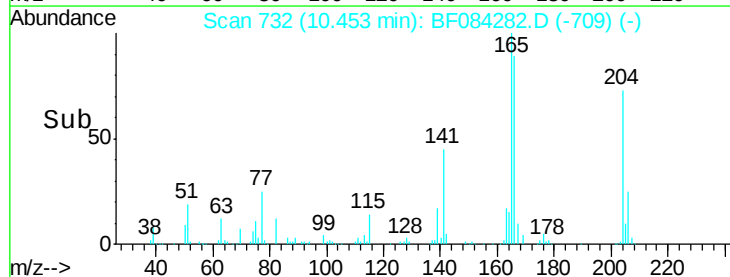
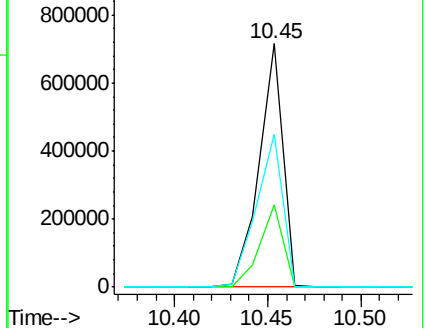
141 62.6 55.1 82.7



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: 43.15 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

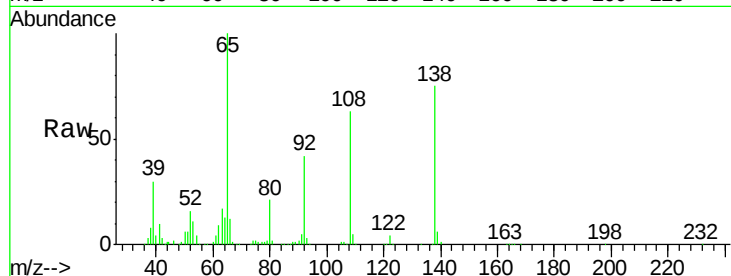
Tgt Ion:138 Resp: 347532

Ion Ratio Lower Upper

138 100

92 55.4 32.6 72.6

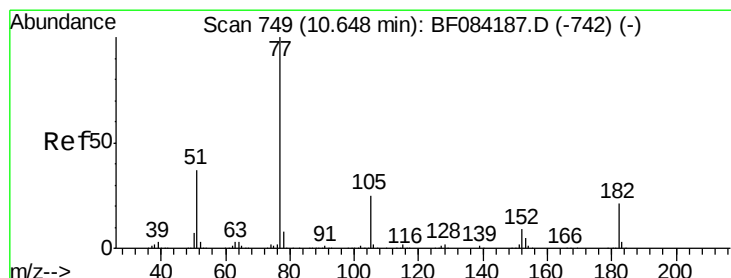
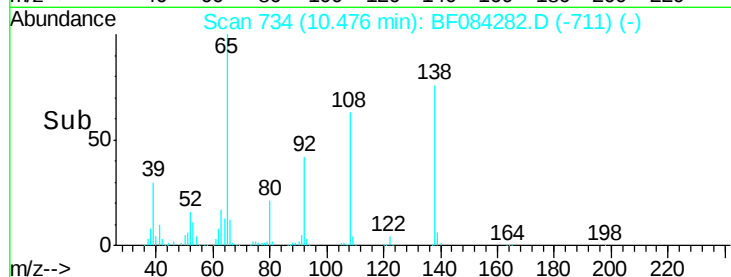
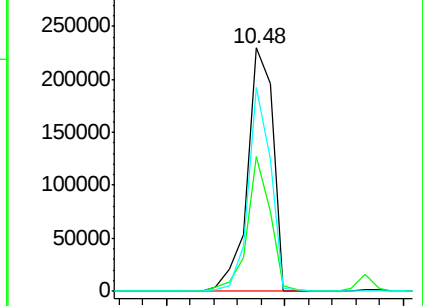
108 83.6 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.44 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Tgt Ion: 77 Resp: 1633567

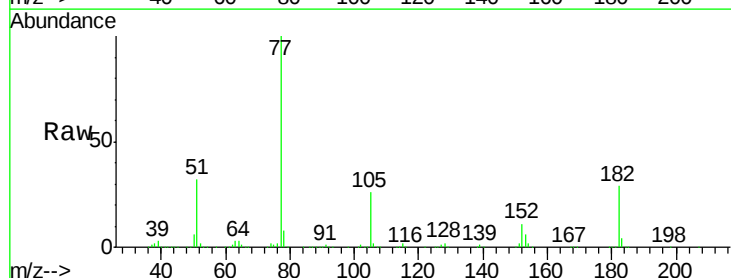
Ion Ratio Lower Upper

77 100

182 29.0 8.3 48.3

105 25.8 4.6 44.6

51 31.7 6.2 46.2

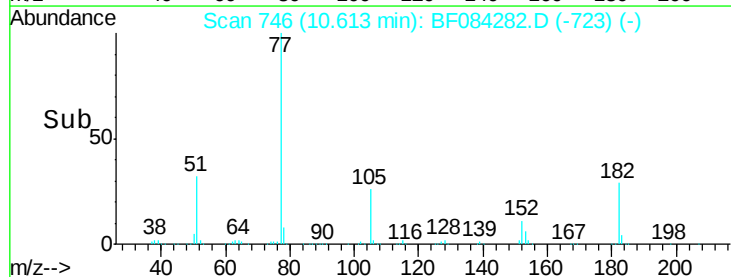
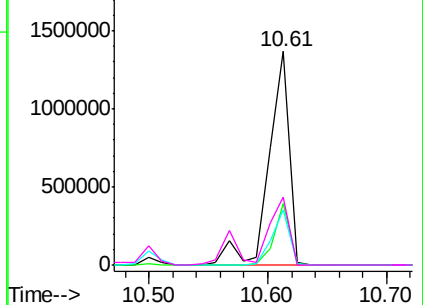


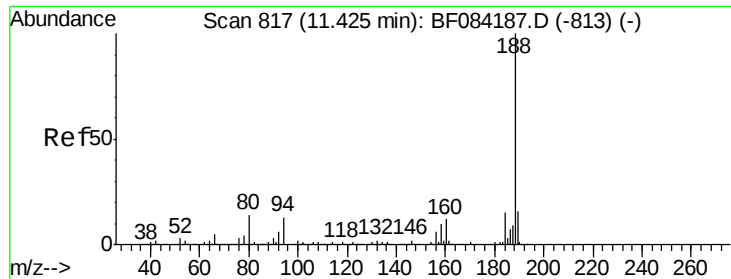
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

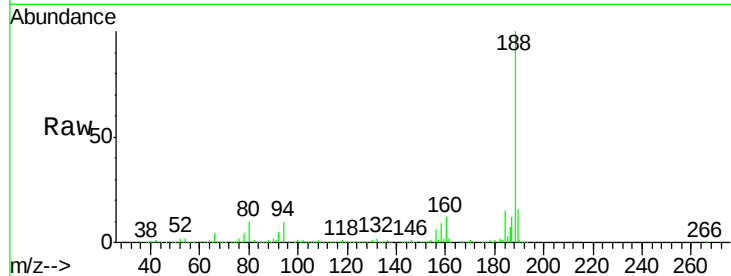
Tgt Ion:188 Resp: 882405

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.4

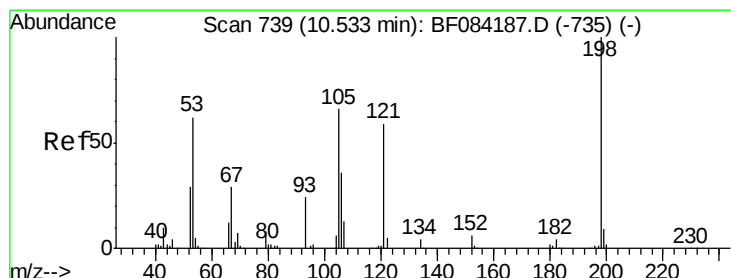
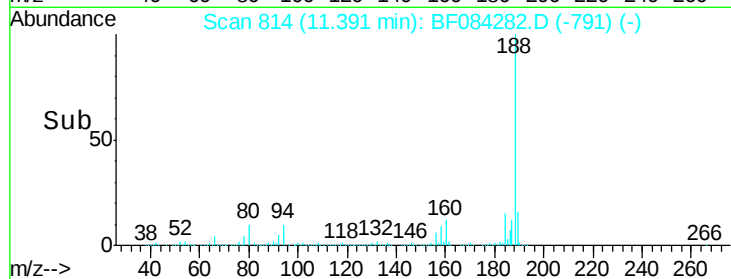
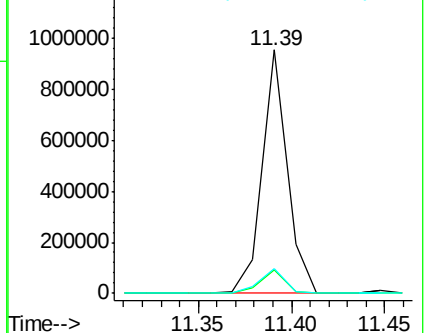
80 10.3 9.6 14.4



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: 35.70 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

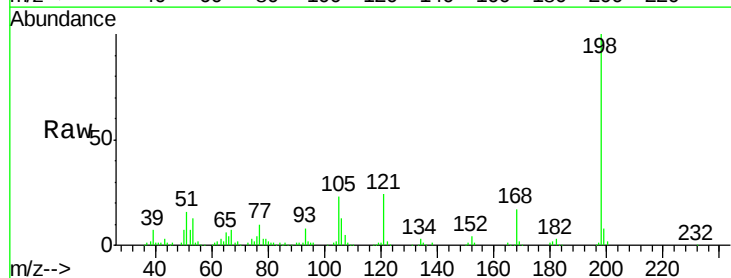
Tgt Ion:198 Resp: 192000

Ion Ratio Lower Upper

198 100

51 15.7 18.9 58.9#

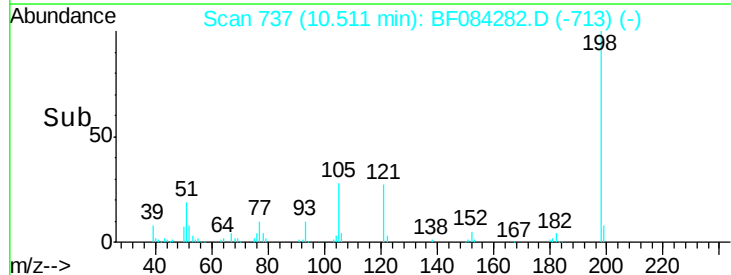
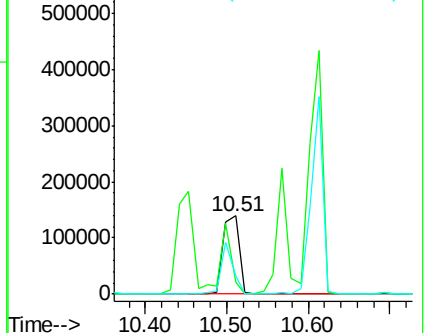
105 23.2 26.4 66.4#

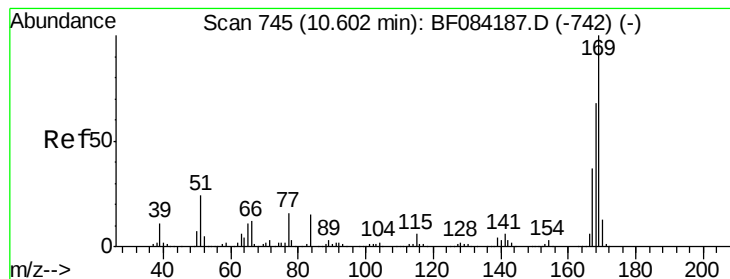


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.87 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

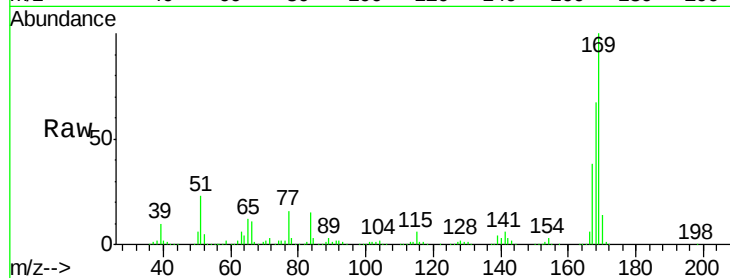
Tgt Ion:169 Resp: 1124824

Ion Ratio Lower Upper

169 100

168 67.0 55.1 82.7

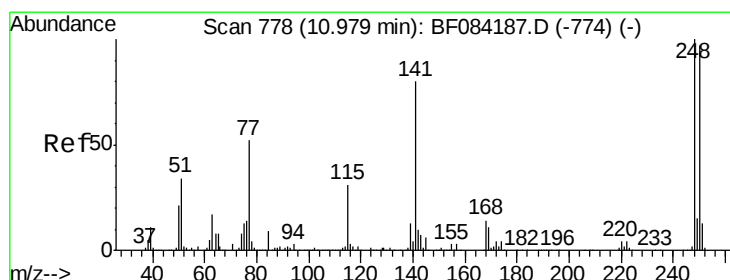
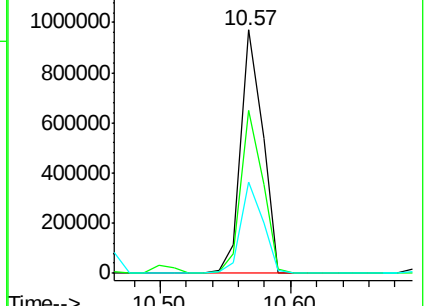
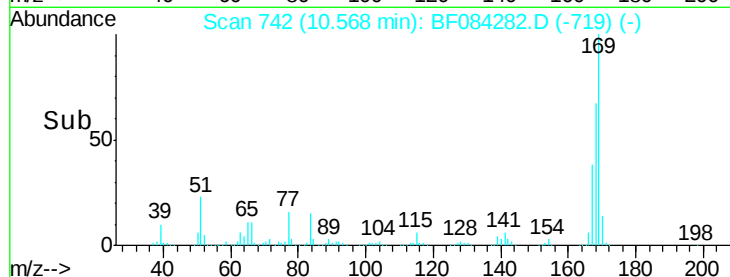
167 37.7 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.64 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

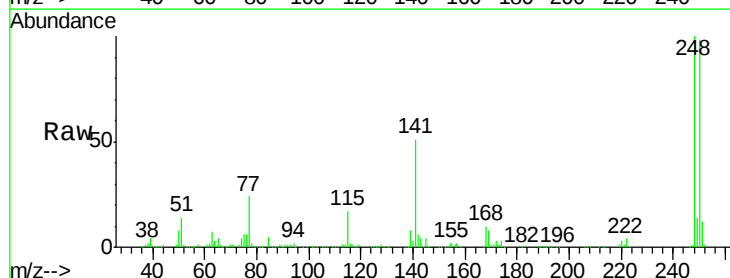
Tgt Ion:248 Resp: 424009

Ion Ratio Lower Upper

248 100

250 98.3 78.4 117.6

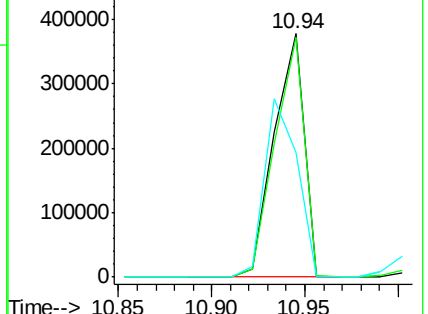
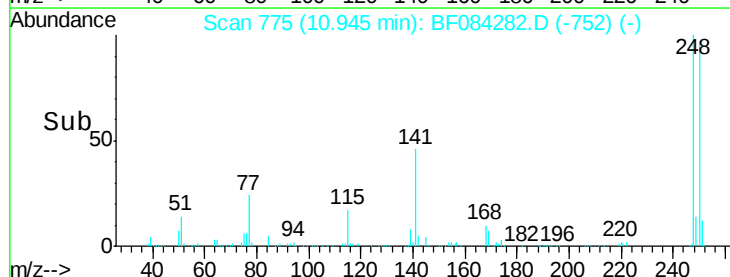
141 51.3 44.0 66.0

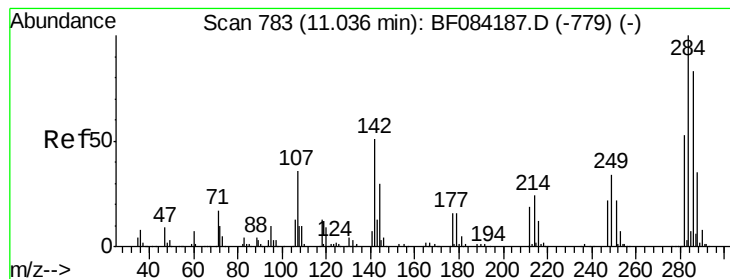


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.62 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

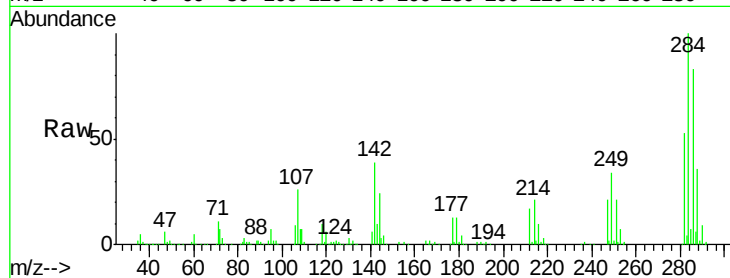
Tgt Ion:284 Resp: 423524

Ion Ratio Lower Upper

284 100

142 39.2 22.2 33.4#

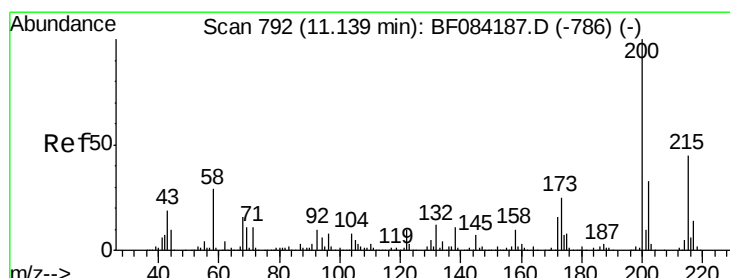
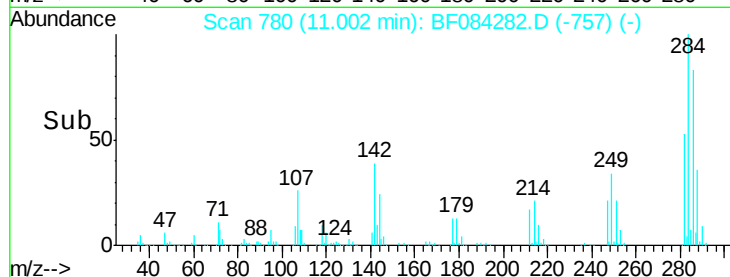
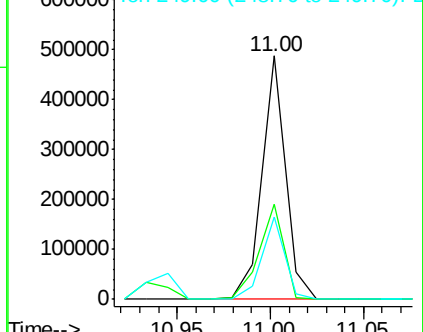
249 33.9 24.6 37.0



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: 46.61 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

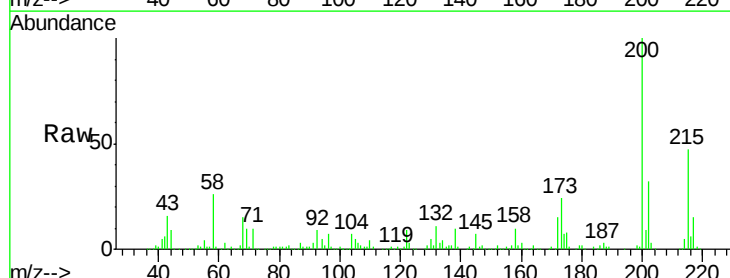
Tgt Ion:200 Resp: 430339

Ion Ratio Lower Upper

200 100

173 24.1 9.5 49.5

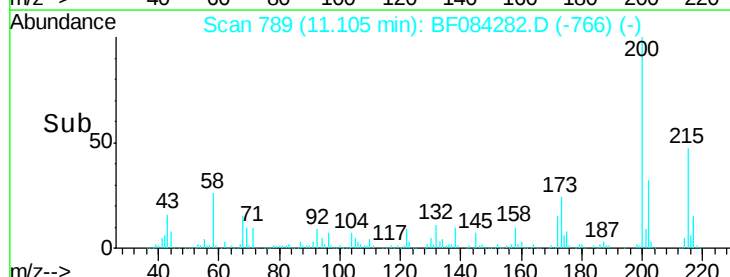
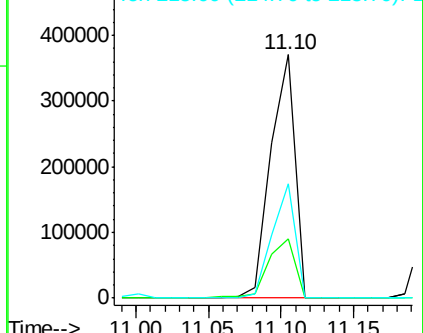
215 46.9 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 67.28 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

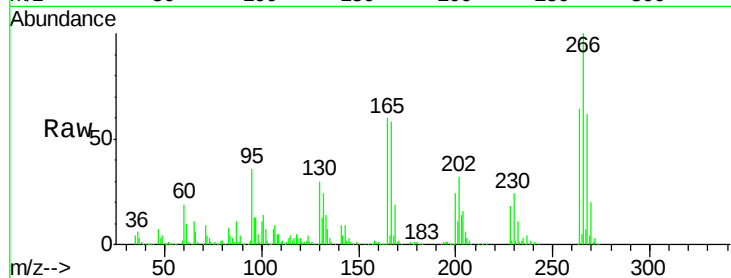
Tgt Ion:266 Resp: 372944

Ion Ratio Lower Upper

266 100

268 62.1 52.4 78.6

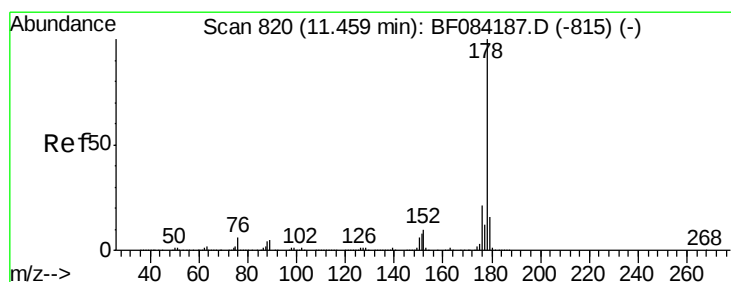
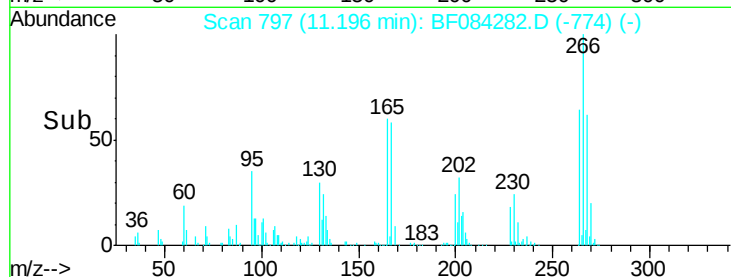
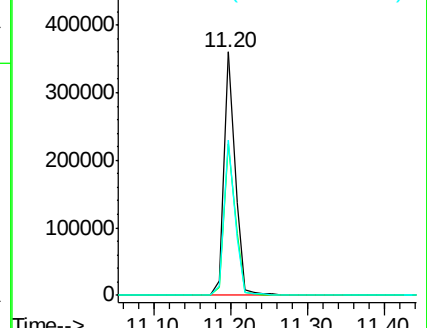
264 63.8 50.2 75.2



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: 40.86 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

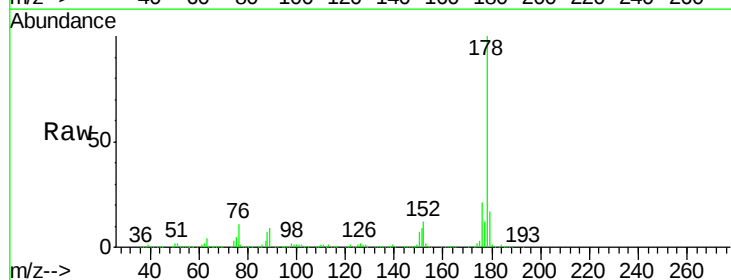
Tgt Ion:178 Resp: 1885867

Ion Ratio Lower Upper

178 100

176 20.6 15.3 22.9

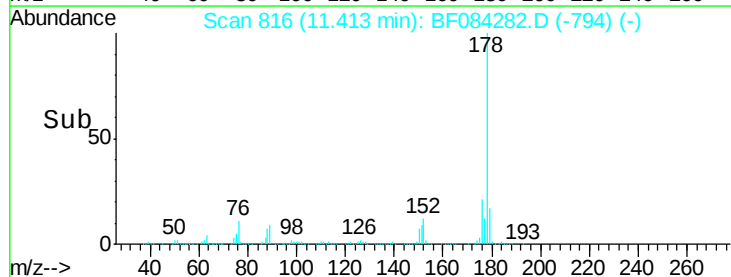
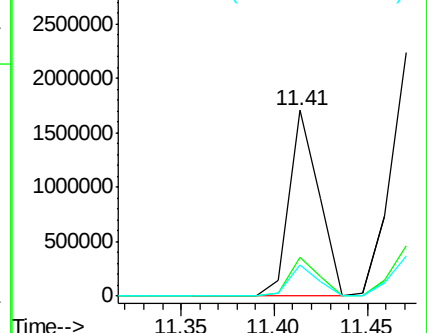
179 16.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.25 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

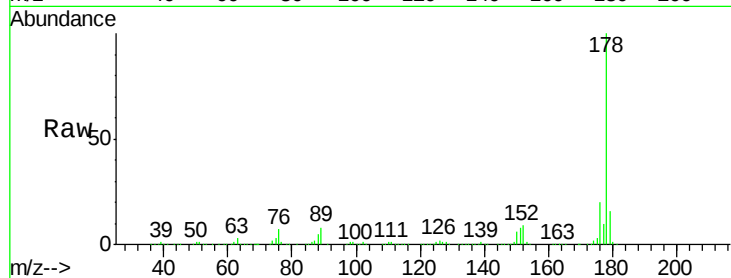
Tgt Ion:178 Resp: 2092630

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

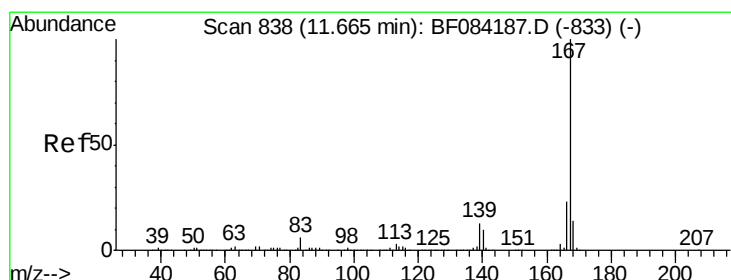
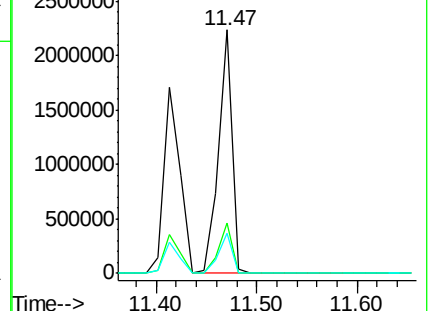
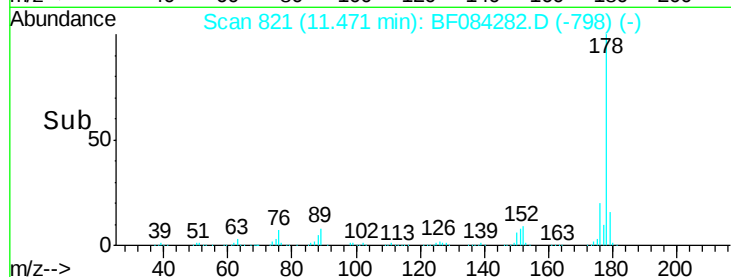
179 16.4 12.5 18.7



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: 43.13 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

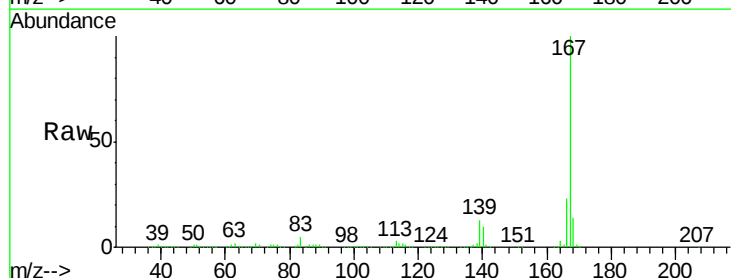
Tgt Ion:167 Resp: 1907886

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

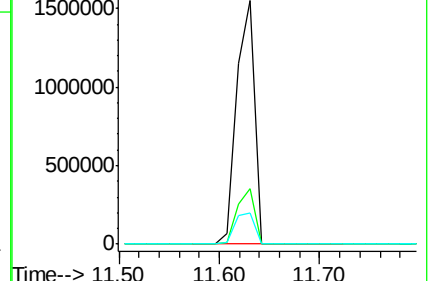
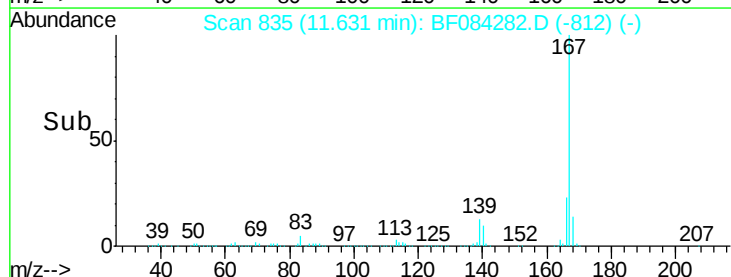
139 12.9 11.8 17.8

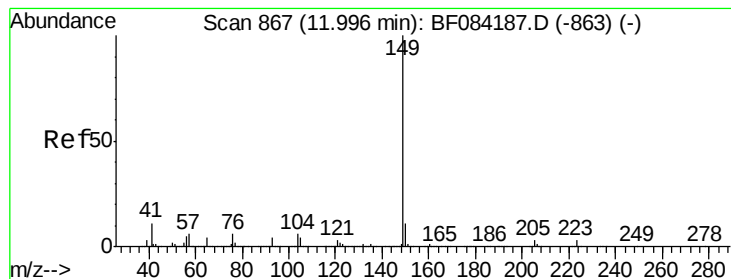


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.53 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

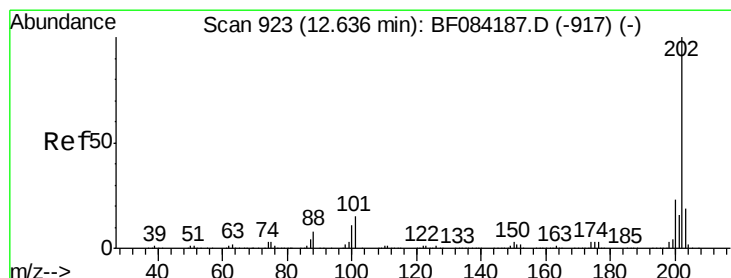
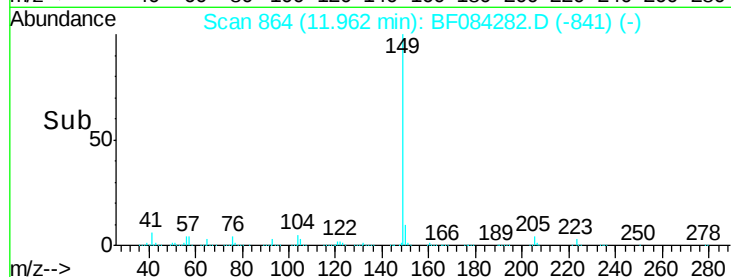
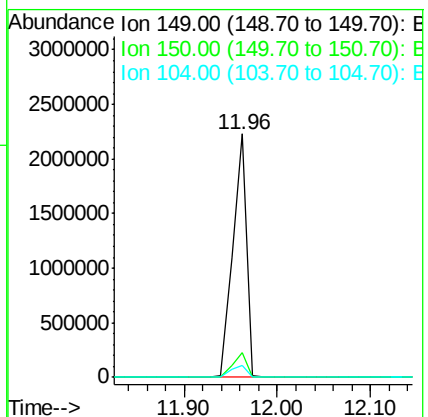
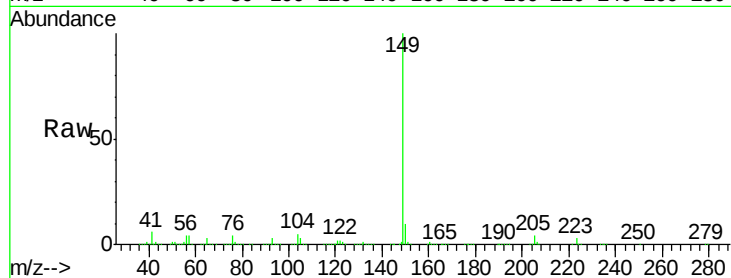
Tgt Ion:149 Resp: 2303475

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

104 5.1 3.2 4.8#



#74

Fluoranthene

Concen: 41.24 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

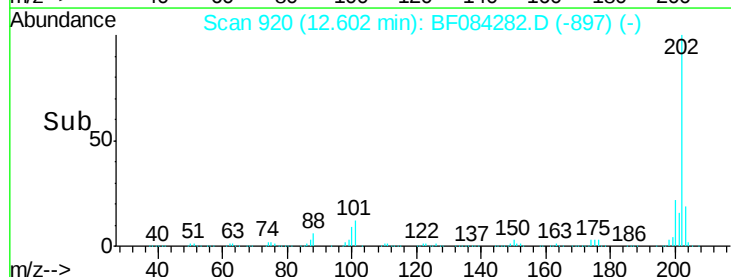
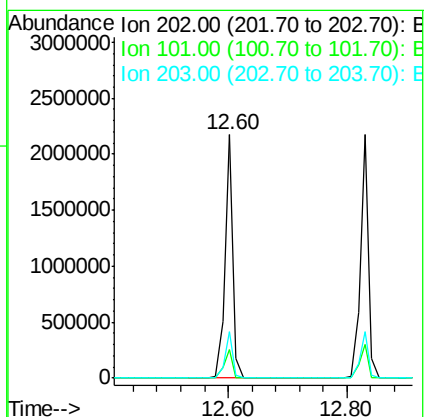
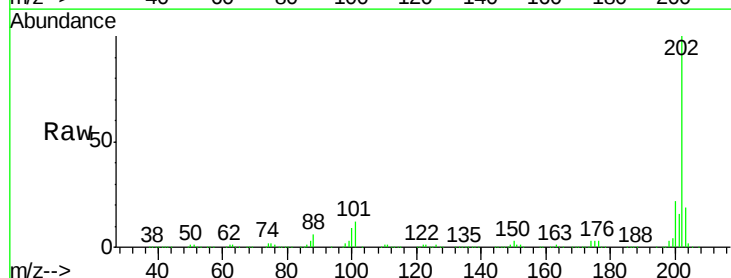
Tgt Ion:202 Resp: 1988254

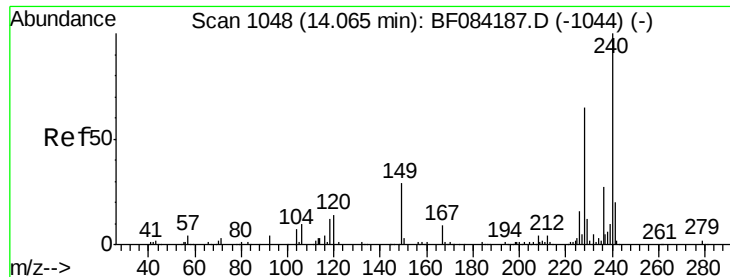
Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.8

203 18.8 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

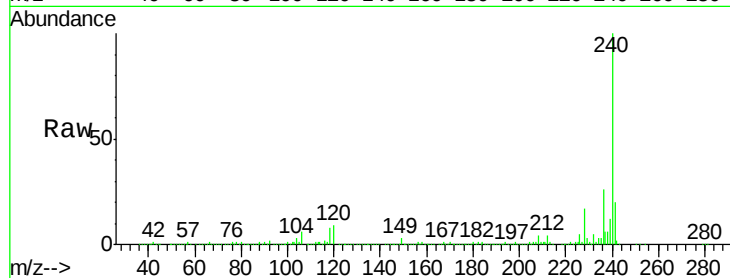
Tgt Ion:240 Resp: 796454

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

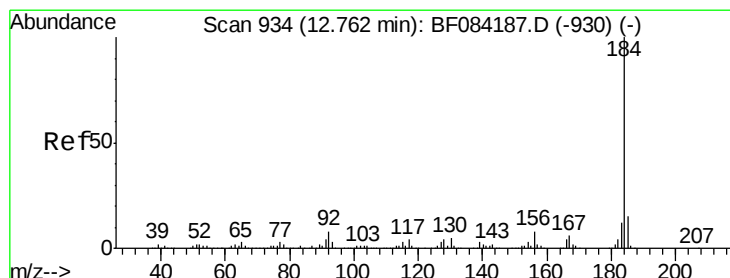
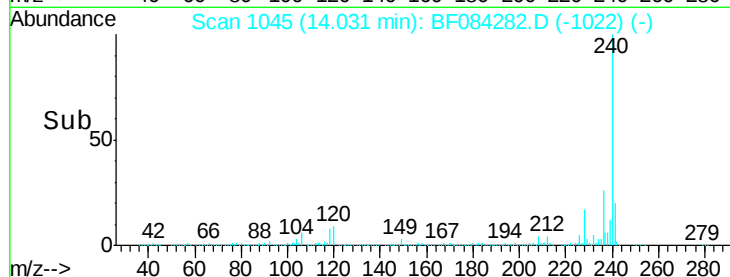
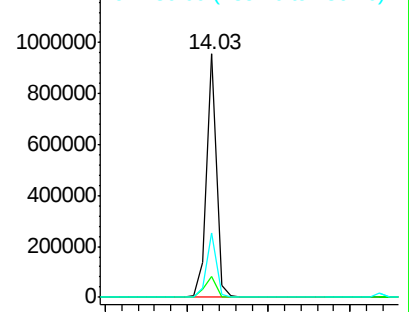
236 26.4 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.95 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

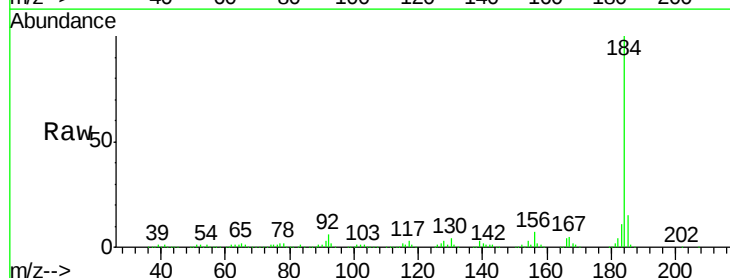
Tgt Ion:184 Resp: 798071

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

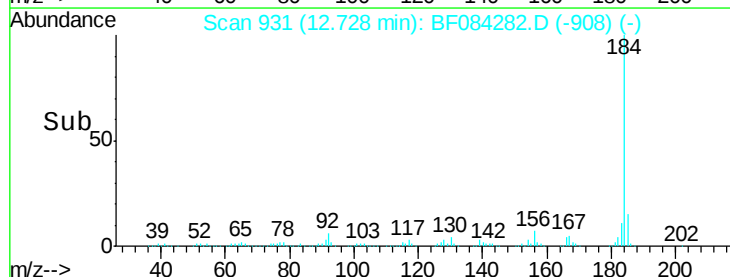
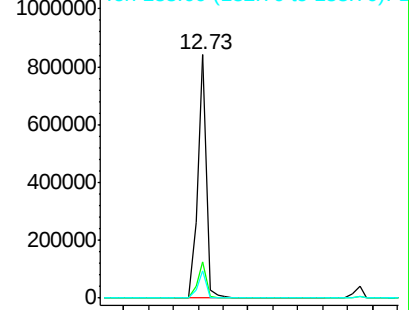
183 11.4 9.8 14.8

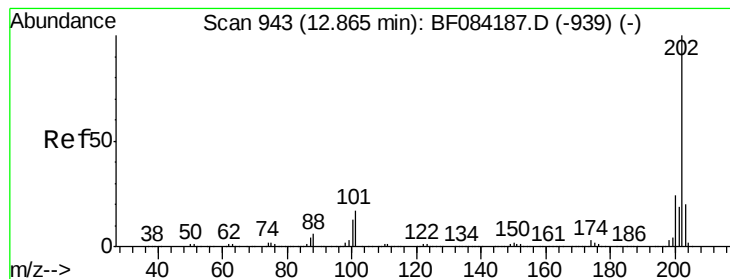


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.67 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

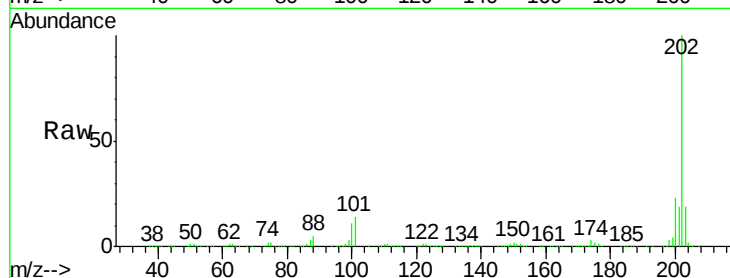
Tgt Ion:202 Resp: 2041595

Ion Ratio Lower Upper

202 100

200 23.4 17.2 25.8

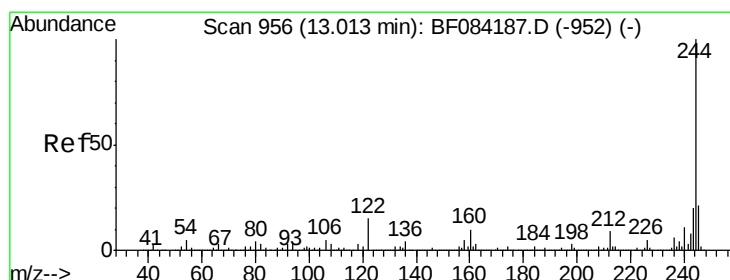
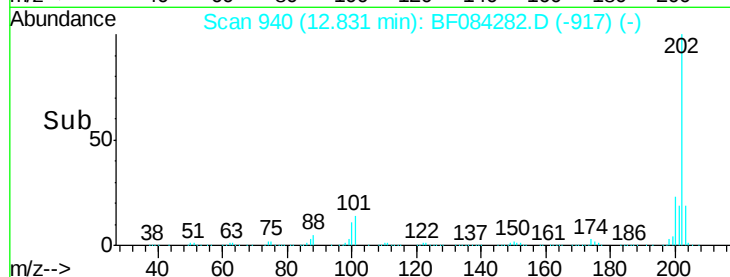
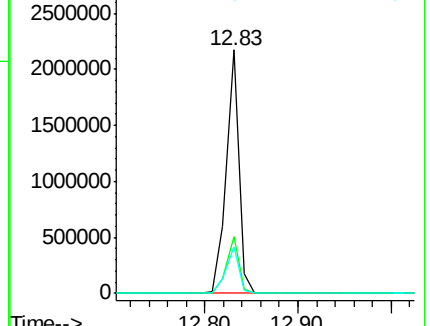
203 19.0 14.3 21.5



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: 67.64 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

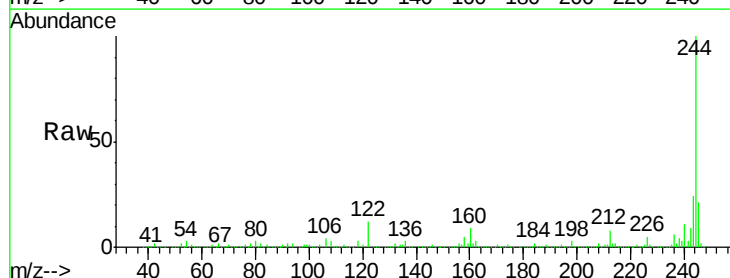
Tgt Ion:244 Resp: 2413490

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

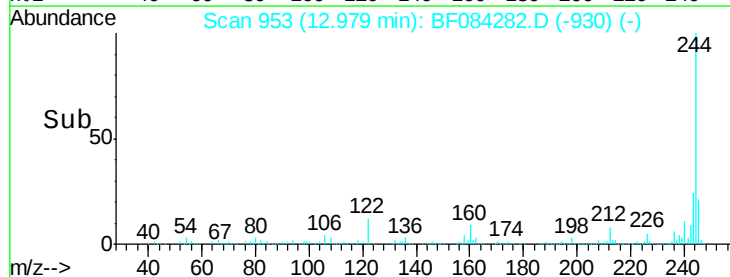
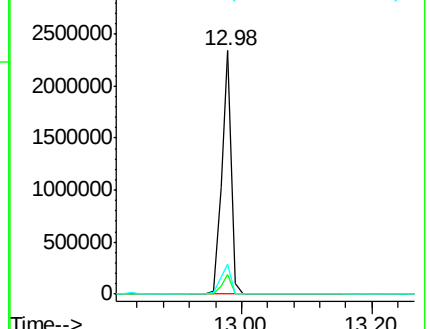
122 12.3 7.4 11.0#

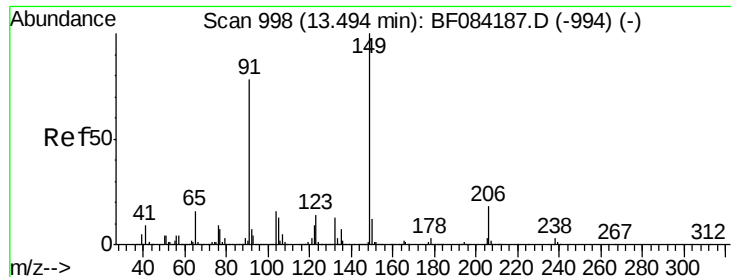


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

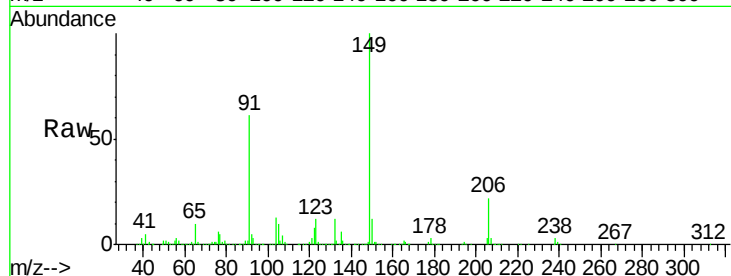




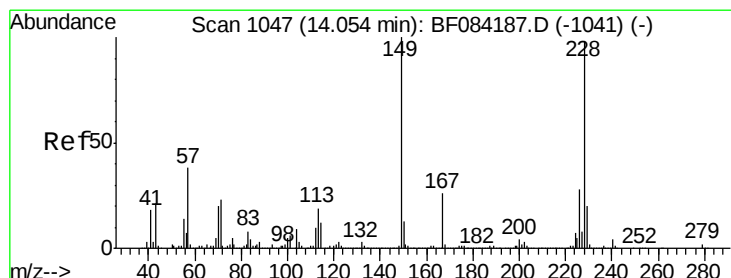
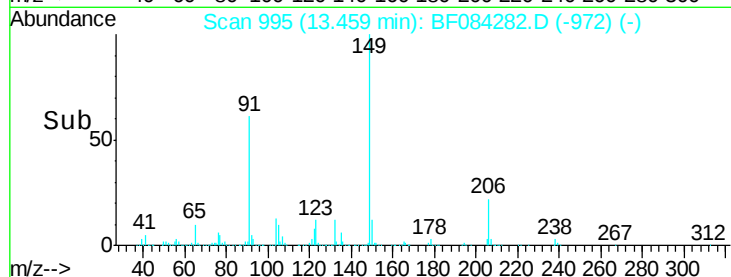
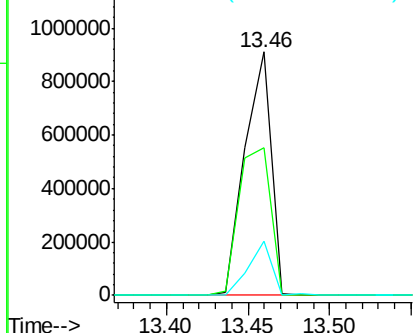
#79
Butylbenzylphthalate
Concen: 37.62 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Instrument :
BNA_F
ClientSampleId :
PB87639BS

Tgt Ion:149 Resp: 1017452
Ion Ratio Lower Upper
149 100
91 60.7 57.6 86.4
206 22.4 13.2 19.8#

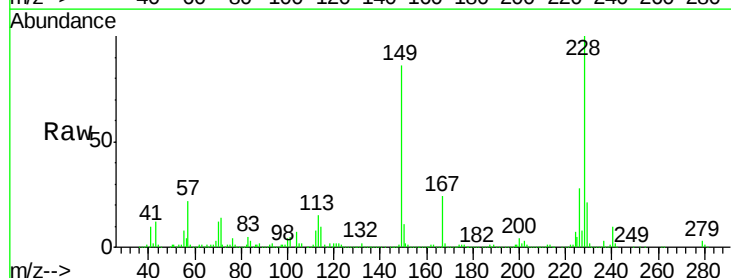


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

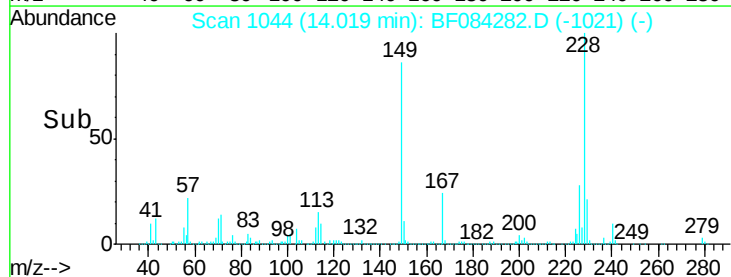
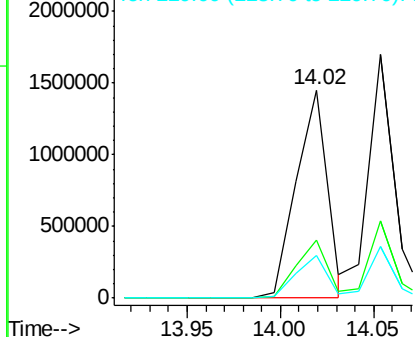


#80
Benzo(a)anthracene
Concen: 36.33 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion:228 Resp: 1698773
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.6
229 20.7 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

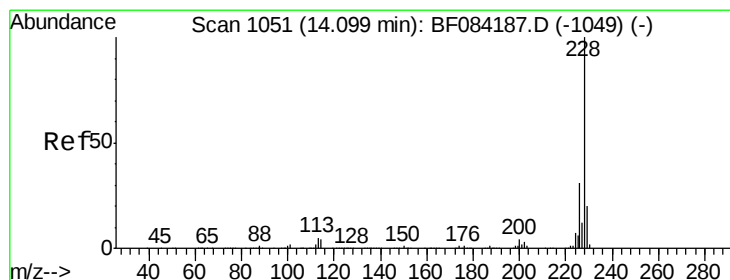
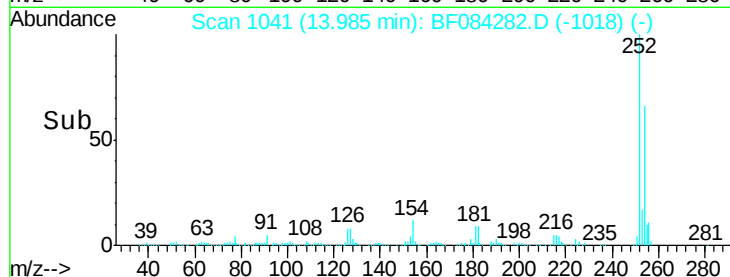
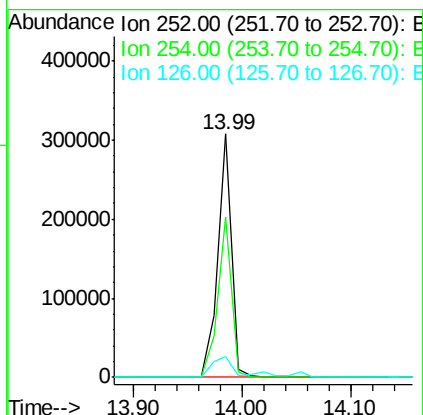
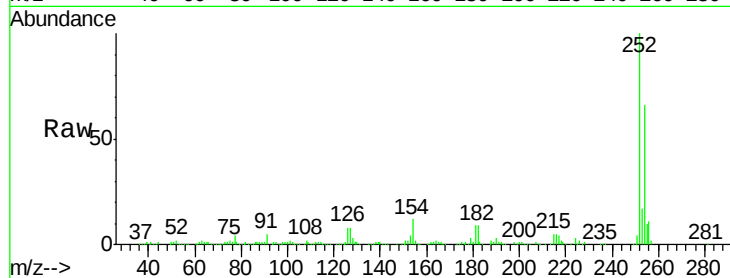




#81
 3,3'-Dichlorobenzidine
 Concen: 16.87 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

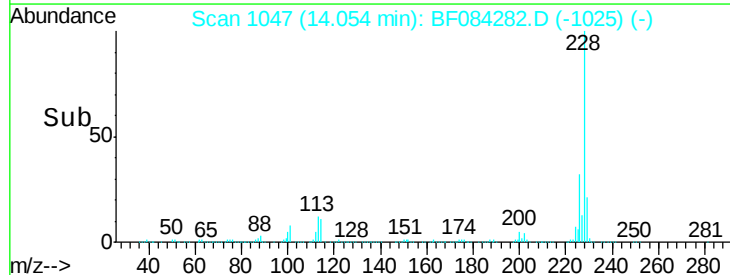
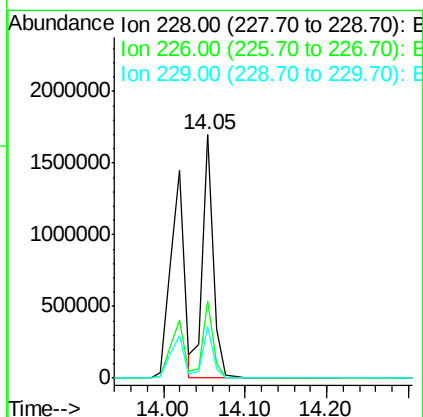
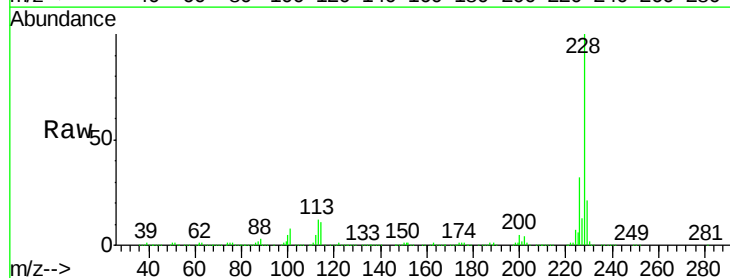
Instrument :
 BNA_F
 ClientSampleId :
 PB87639BS

Tgt Ion:252 Resp: 275321
 Ion Ratio Lower Upper
 252 100
 254 65.9 53.5 80.3
 126 8.5 4.9 7.3#



#82
 Chrysene
 Concen: 35.40 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084282.D
 Acq: 6 Jan 2016 11:43

Tgt Ion:228 Resp: 1590712
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.3 36.5
 229 21.1 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.88 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

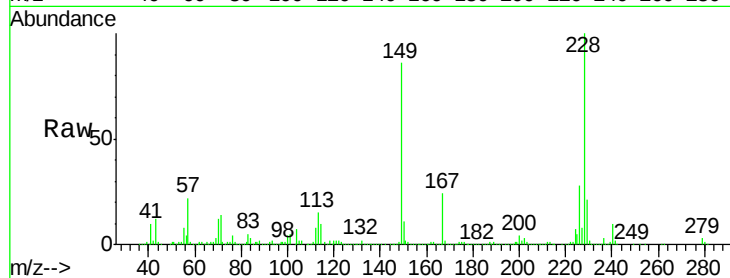
Tgt Ion:149 Resp: 1260219

Ion Ratio Lower Upper

149 100

167 27.6 19.7 29.5

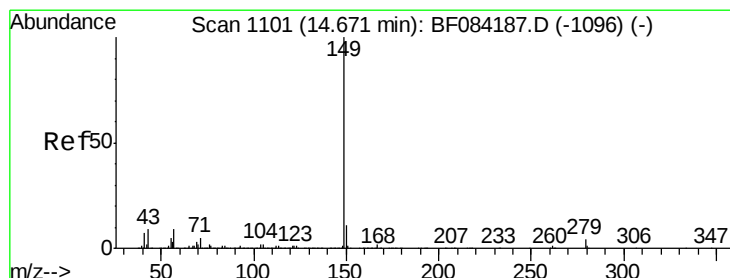
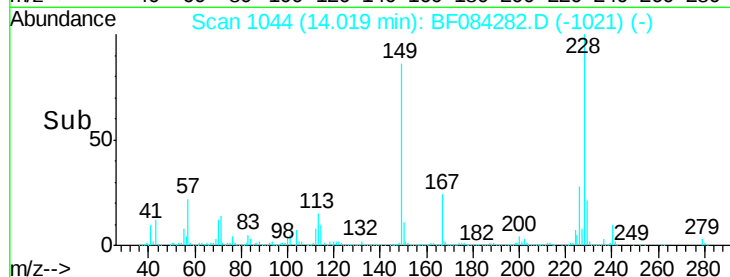
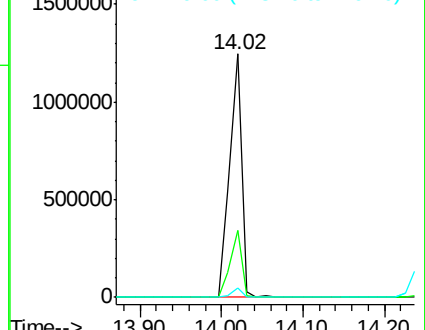
279 3.7 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.35 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

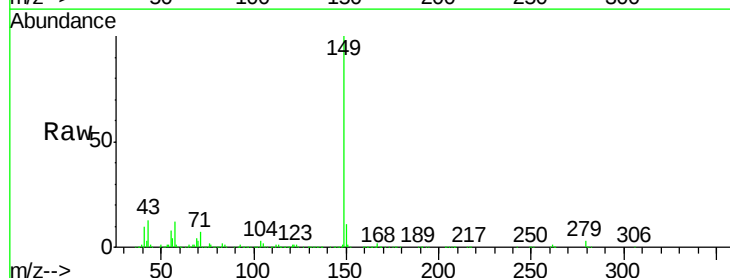
Tgt Ion:149 Resp: 2096936

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

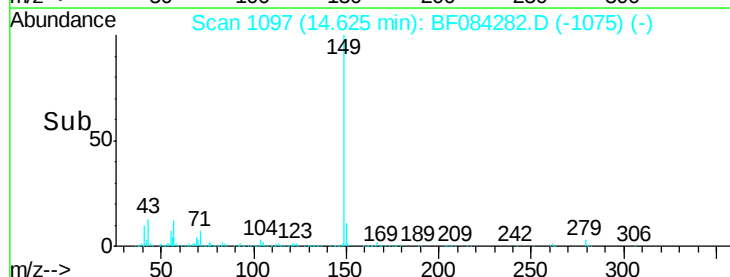
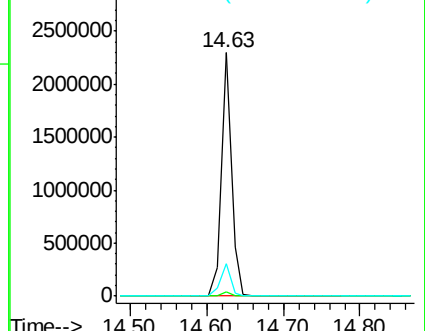
43 13.0 5.6 8.4#

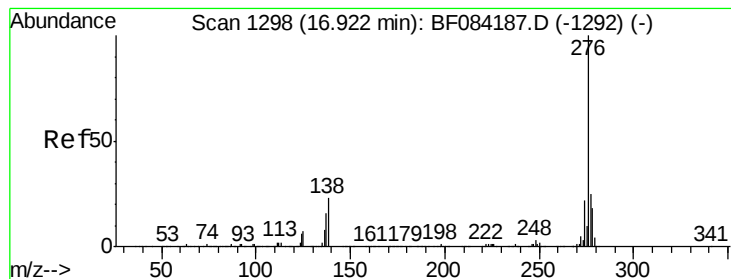


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.56 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.07 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

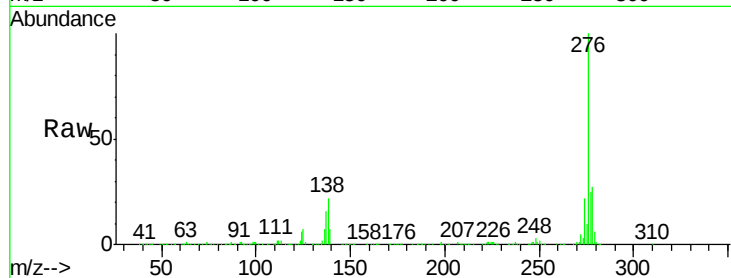
Tgt Ion:276 Resp: 1516147

Ion Ratio Lower Upper

276 100

138 25.3 20.6 30.8

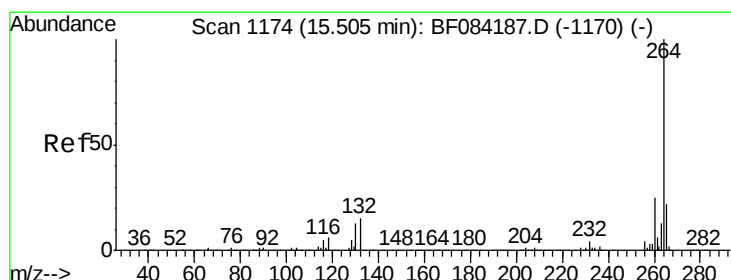
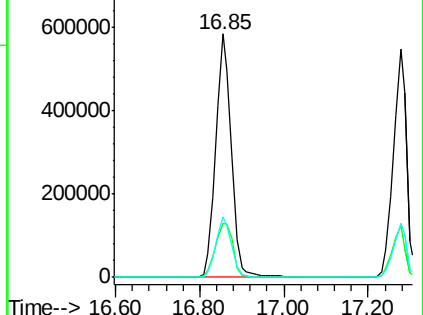
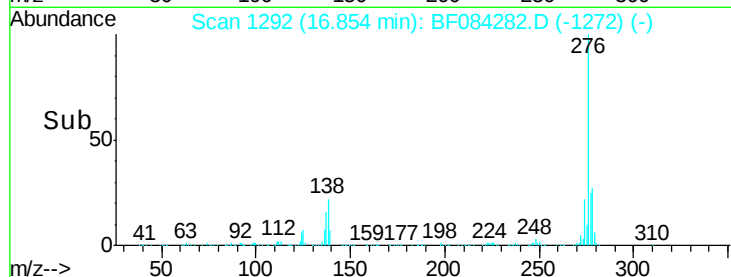
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

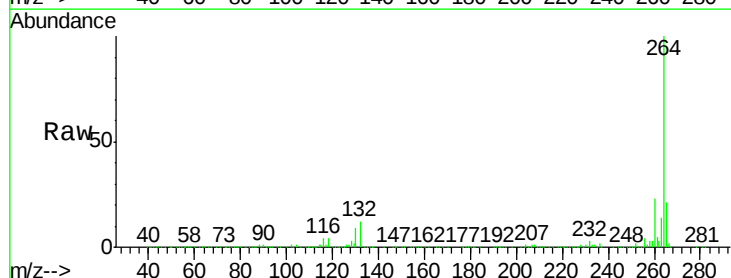
Tgt Ion:264 Resp: 654972

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

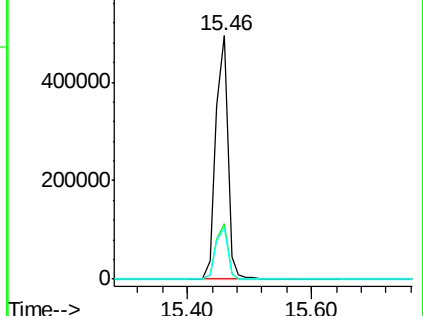
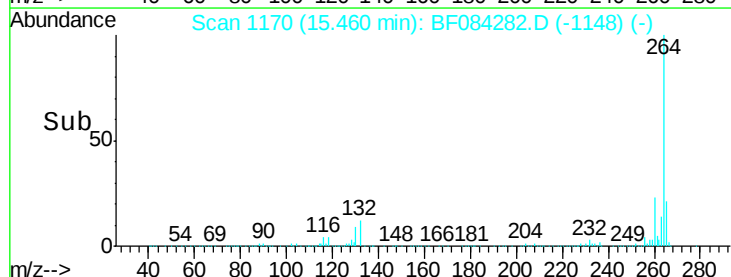
265 20.9 17.8 26.6

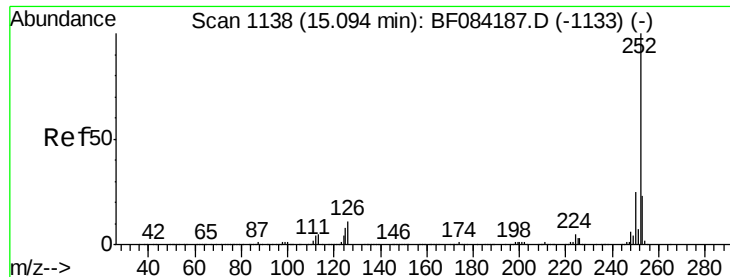


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

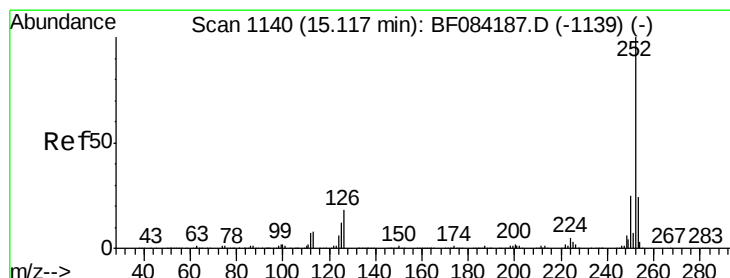
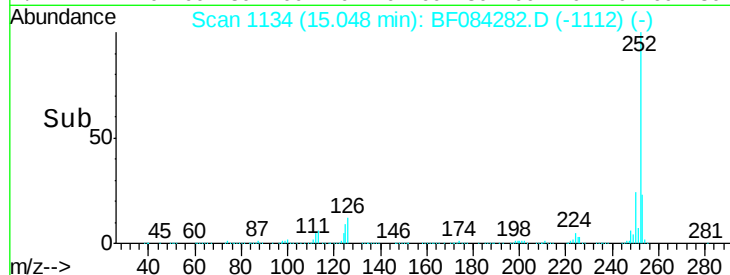
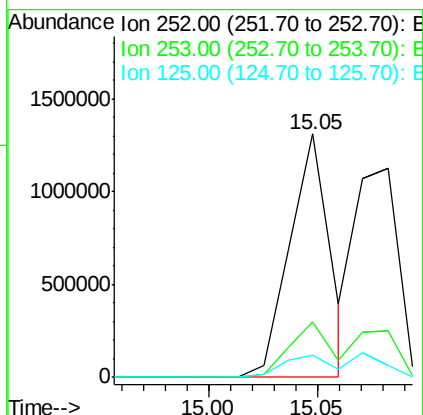
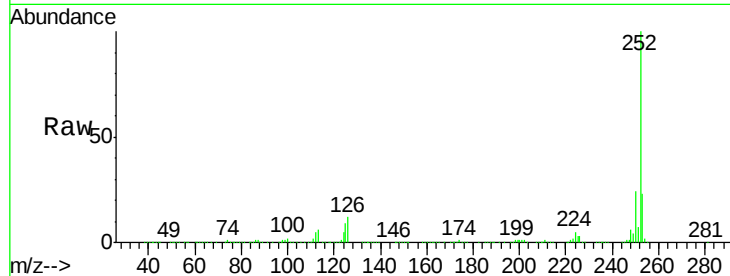




#87
Benzo(b)fluoranthene
Concen: 39.31 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

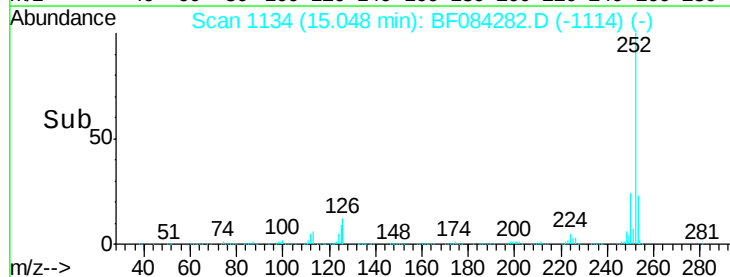
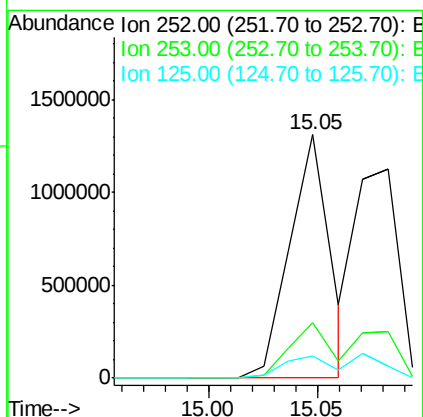
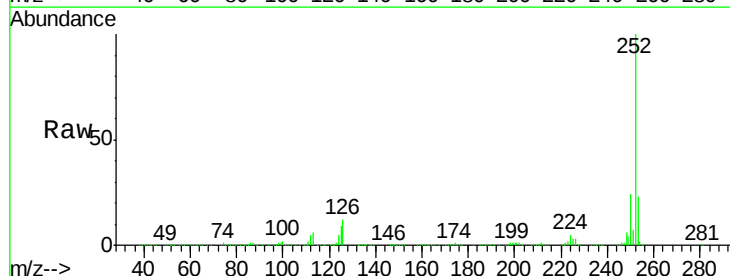
Instrument :
BNA_F
ClientSampleId :
PB87639BS

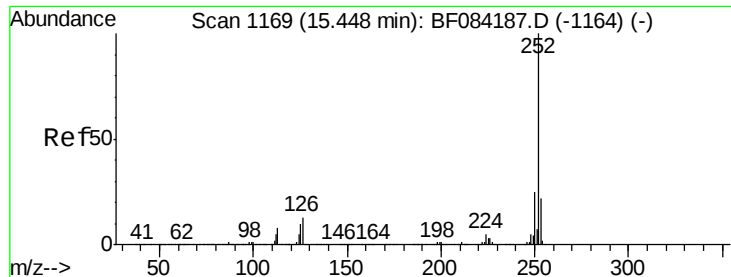
Tgt Ion:252 Resp: 1684243
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 9.2 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 48.07 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.07 min
Lab File: BF084282.D
Acq: 6 Jan 2016 11:43

Tgt Ion:252 Resp: 1684243
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.2 9.0 13.6





#89

Benzo(a)pyrene

Concen: 43.20 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

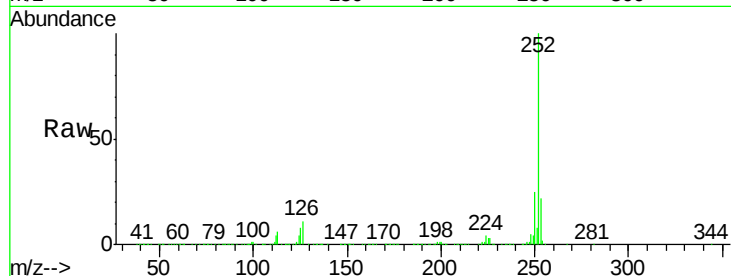
Tgt Ion:252 Resp: 1570009

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

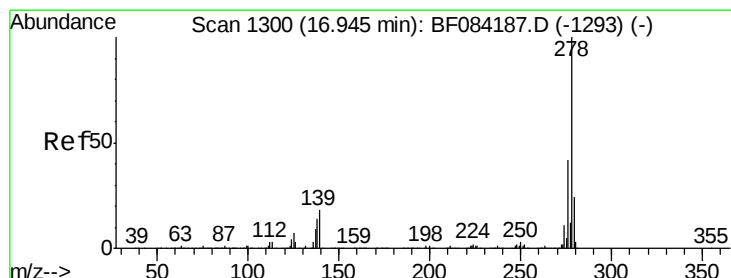
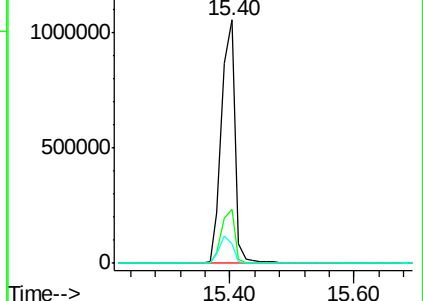
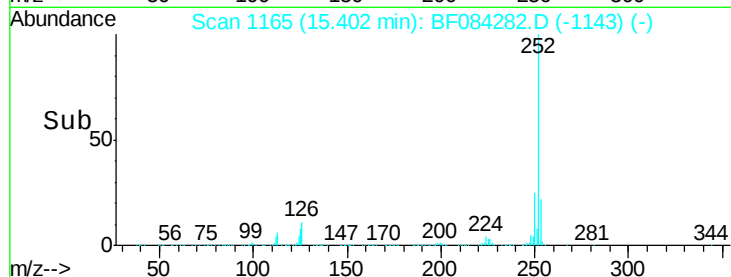
125 8.2 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.28 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.07 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

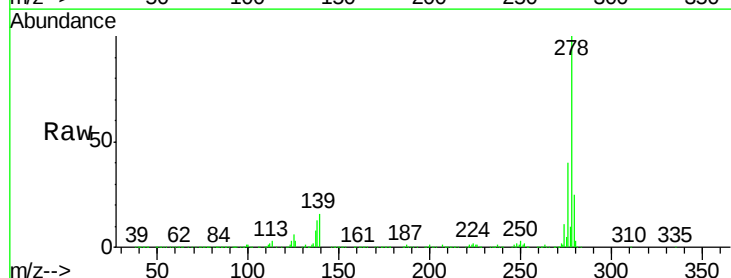
Tgt Ion:278 Resp: 1228428

Ion Ratio Lower Upper

278 100

139 15.8 15.0 22.4

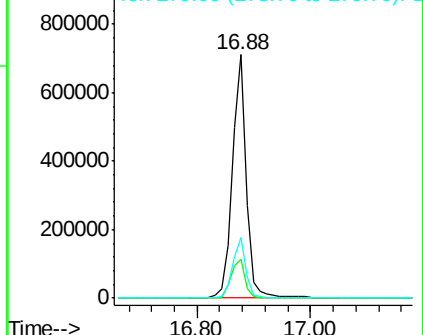
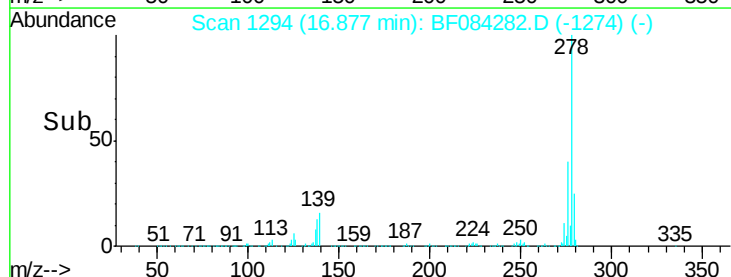
279 24.7 18.9 28.3

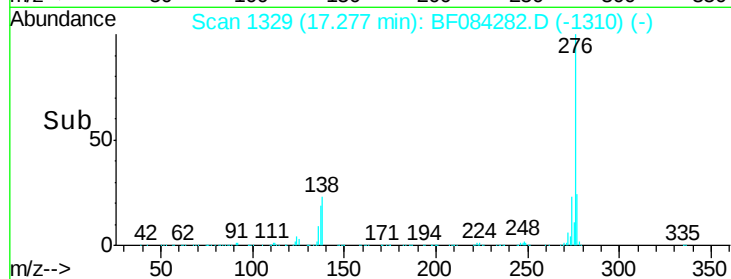
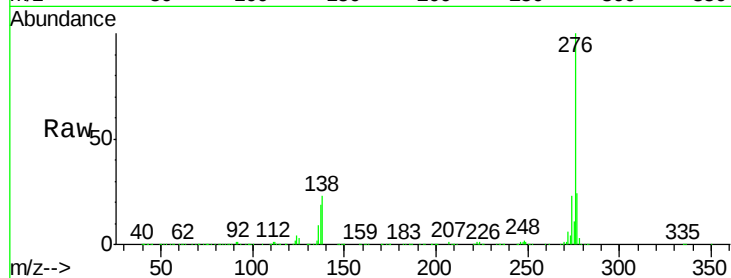
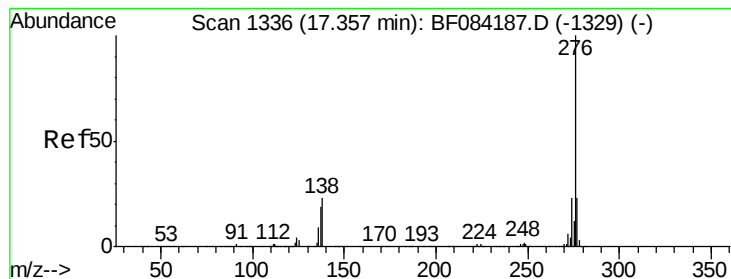


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.31 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.08 min

Lab File: BF084282.D

Acq: 6 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87639BS

Tgt Ion:276 Resp: 1240658

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 22.6 17.8 26.6

