

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087038.D
 Acq On : 15 May 2016 00:03
 Operator : UM/SJ
 Sample : PB90490BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Quant Time: May 16 04:48:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	422137	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	559176	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	263436	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	498724	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	331169	20.00	ng	-0.08
86) Perylene-d12	15.11	264	302023	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	940974	37.75	ng	-0.08
7) Phenol-d6	6.40	99	37679	1.13	ng	0.04
23) Nitrobenzene-d5	7.19	82	842522	75.66	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	365429	131.03	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1358948	86.70	ng	-0.08
78) Terphenyl-d14	12.71	244	1249857	80.08	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	130031	10.63	ng	# 71
3) Pyridine	2.78	79	341764	11.42	ng	# 65
4) n-Nitrosodimethylamine	2.73	42	288813	13.31	ng	# 48
6) Aniline	6.35	93	387379	9.61	ng	# 51
8) 2-Chlorophenol	6.40	128	371045	12.34	ng	# 81
10) Phenol	6.30	94	527262	13.32	ng	# 81
11) bis(2-Chloroethyl)ether	6.35	93	387379	12.55	ng	# 80
12) 1,3-Dichlorobenzene	6.78	146	342964	10.54	ng	# 84
13) 1,4-Dichlorobenzene	6.63	146	406825	12.26	ng	# 94
14) 1,2-Dichlorobenzene	6.78	146	346505	11.98	ng	# 93
15) Benzyl Alcohol	6.90	79	224144	9.74	ng	# 22
16) 2,2'-oxybis(1-Chloropropan	6.90	45	759555	11.31	ng	# 55
17) 2-Methylphenol	7.06	107	409143	17.09	ng	# 81
18) Hexachloroethane	7.12	117	152178	12.18	ng	# 98
19) n-Nitroso-di-n-propylamine	7.19	70	120710	5.18	ng	# 72
20) 3+4-Methylphenols	7.06	107	409143	13.09	ng	# 61
22) Acetophenone	7.04	105	552477	41.83	ng	# 95
24) Nitrobenzene	7.21	77	453645	39.60	ng	# 94
25) Isophorone	7.45	82	795102	38.48	ng	# 98
26) 2-Nitrophenol	7.53	139	189028	37.54	ng	# 96
27) 2,4-Dimethylphenol	7.59	122	331064	38.60	ng	# 94
28) bis(2-Chloroethoxy)methane	7.67	93	488058	43.79	ng	# 98
29) 2,4-Dichlorophenol	7.78	162	303892	40.25	ng	# 93
30) 1,2,4-Trichlorobenzene	7.84	180	326915	38.73	ng	# 95
31) Naphthalene	7.92	128	1046851	37.38	ng	# 99
32) Benzoic acid	7.74	122	171852	34.11	ng	# 82
33) 4-Chloroaniline	7.99	127	145965	13.41	ng	# 94
34) Hexachlorobutadiene	8.04	225	191852	39.17	ng	# 98
35) Caprolactam	8.36	113	73605	28.65	ng	# 61
36) 4-Chloro-3-methylphenol	8.49	107	345251	37.71	ng	# 90
37) 2-Methylnaphthalene	8.62	142	740855	45.25	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	286644	37.42	ng	# 97
40) Hexachlorocyclopentadiene	8.76	237	247933	68.20	ng	# 95
42) 2,4,6-Trichlorophenol	8.90	196	198817	38.82	ng	# 95

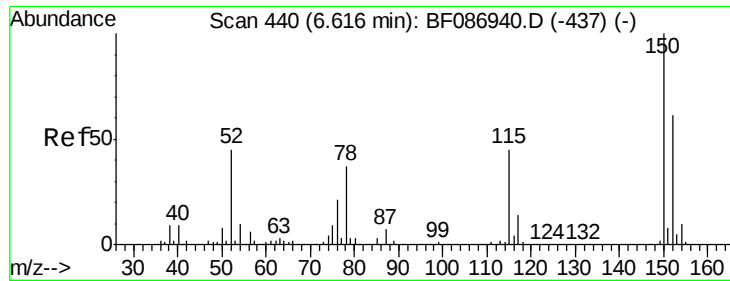
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	191153	36.09	ng	96
45) 1,1'-Biphenyl	9.07	154	847292	40.44	ng	96
46) 2-Chloronaphthalene	9.10	162	636193	38.75	ng	# 92
47) 2-Nitroaniline	9.21	65	258453	43.08	ng	# 75
48) Acenaphthylene	9.51	152	971223	40.22	ng	99
49) Dimethylphthalate	9.39	163	824716	41.03	ng	100
50) 2,6-Dinitrotoluene	9.45	165	151744	35.88	ng	# 64
51) Acenaphthene	9.68	154	591387	39.37	ng	99
52) 3-Nitroaniline	9.62	138	94239	21.16	ng	82
53) 2,4-Dinitrophenol	9.74	184	100001	49.51	ng	87
54) Dibenzofuran	9.85	168	867664	45.00	ng	91
55) 4-Nitrophenol	9.85	139	576614	187.69	ng	# 23
56) 2,4-Dinitrotoluene	9.86	165	232226	44.36	ng	# 78
57) Fluorene	10.19	166	633503	38.52	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	181209	45.44	ng	95
59) Diethylphthalate	10.09	149	827190	42.23	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	331892	46.87	ng	91
61) 4-Nitroaniline	10.24	138	170166	39.79	ng	# 68
62) Azobenzene	10.35	77	991352	46.92	ng	88
64) 4,6-Dinitro-2-methylphenol	10.26	198	90624	29.25	ng	# 25
65) n-Nitrosodiphenylamine	10.32	169	669868	43.72	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	194110	38.39	ng	# 85
67) Hexachlorobenzene	10.74	284	245583	41.56	ng	# 91
68) Atrazine	10.86	200	212245	41.47	ng	95
69) Pentachlorophenol	10.95	266	199339	72.99	ng	96
70) Phenanthrene	11.15	178	1103786	41.47	ng	100
71) Anthracene	11.20	178	1054956	38.76	ng	100
72) Carbazole	11.37	167	1016851	43.46	ng	100
73) Di-n-butylphthalate	11.70	149	1221487	42.75	ng	# 99
74) Fluoranthene	12.33	202	1062313	38.81	ng	97
76) Benzidine	12.47	184	239930	28.42	ng	96
77) Pyrene	12.56	202	1171644	46.21	ng	100
79) Butylbenzylphthalate	13.19	149	485132	45.24	ng	# 71
80) Benzo(a)anthracene	13.75	228	827250	44.50	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	151478	12.82	ng	97
82) Chrysene	13.78	228	857345	45.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	602599	46.71	ng	# 95
84) Di-n-octyl phthalate	14.35	149	1050678	49.17	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.37	276	748053	47.54	ng	95
87) Benzo(b)fluoranthene	14.74	252	1405627	71.61	ng	97
88) Benzo(k)fluoranthene	14.74	252	1405627	87.46	ng	99
89) Benzo(a)pyrene	15.06	252	693889	40.98	ng	# 97
90) Dibenzo(a,h)anthracene	16.37	278	625818	43.86	ng	98
91) Benzo(g,h,i)perylene	16.73	276	624252	43.06	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

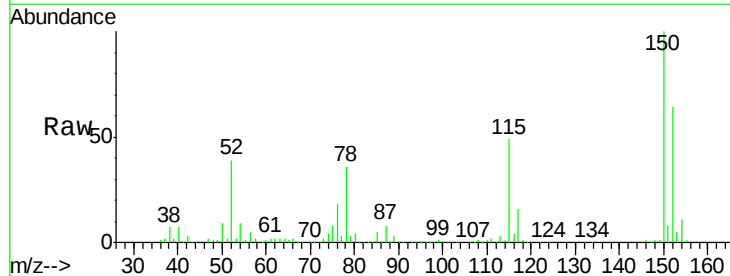
Tgt Ion:152 Resp: 422137

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

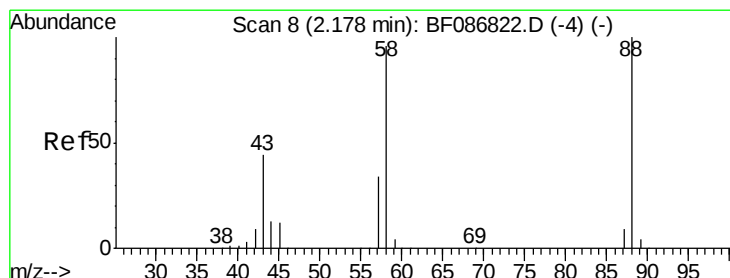
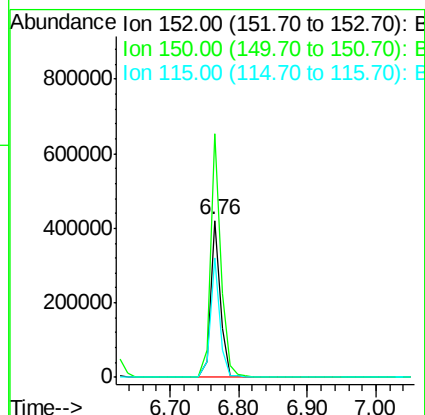
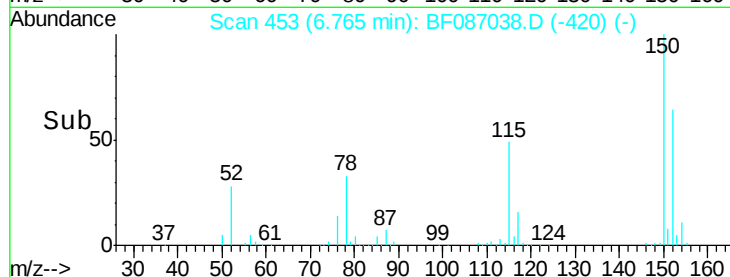
115 76.5 51.5 77.3



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: 10.63 ng

RT: 2.14 min Scan# 48

Delta R.T. -0.04 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

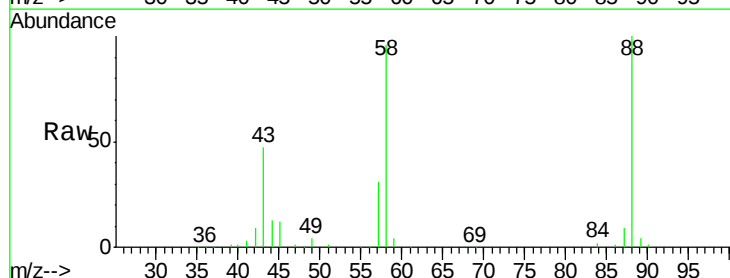
Tgt Ion: 88 Resp: 130031

Ion Ratio Lower Upper

88 100

58 97.8 59.6 89.4#

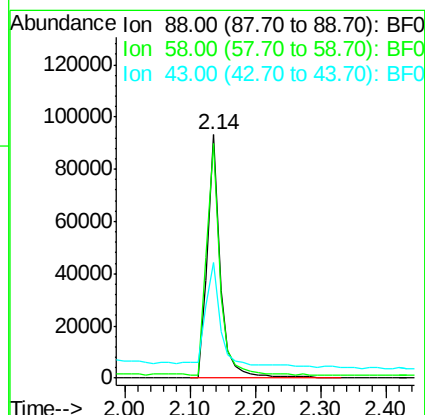
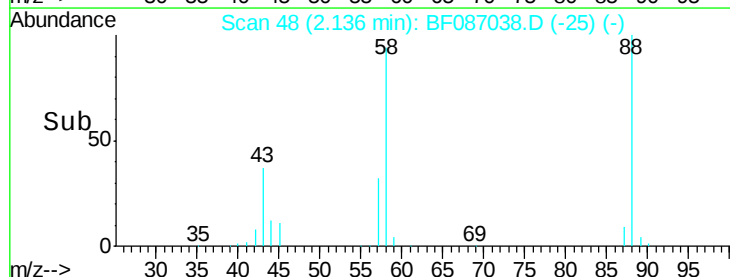
43 44.0 21.8 32.6#

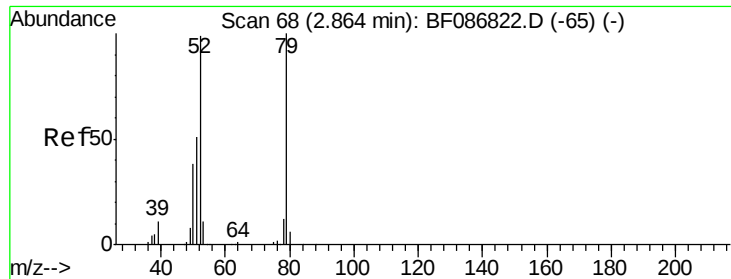


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.42 ng

RT: 2.78 min Scan# 104

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

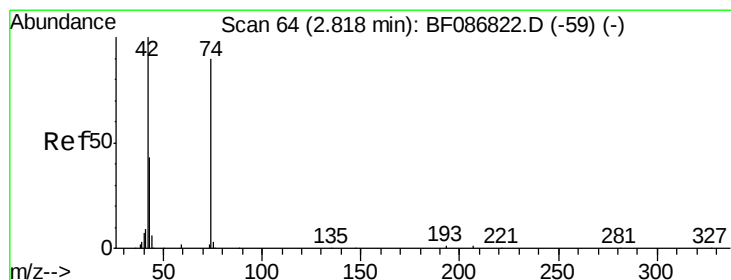
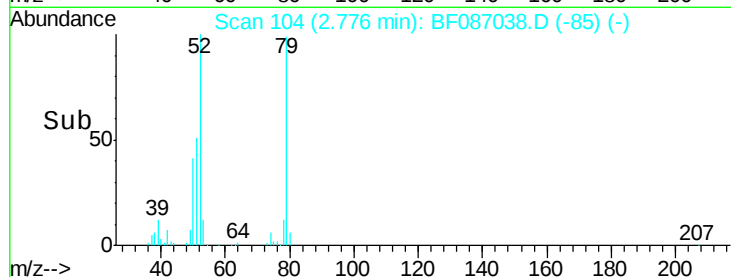
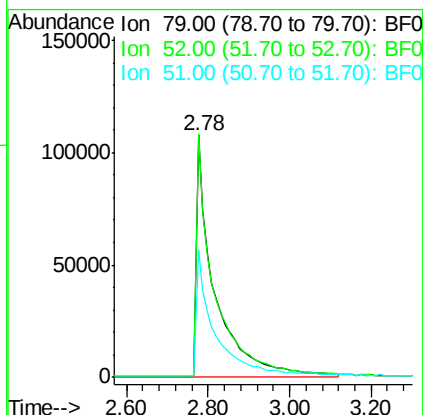
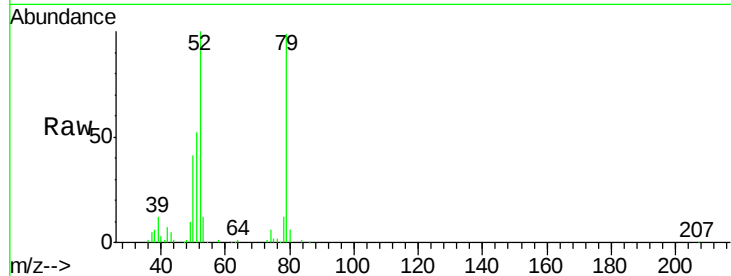
Tgt Ion: 79 Resp: 341764

Ion Ratio Lower Upper

79 100

52 100.7 55.9 83.9#

51 52.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 13.31 ng

RT: 2.73 min Scan# 100

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

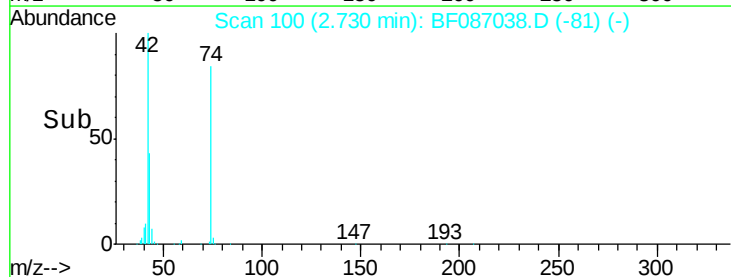
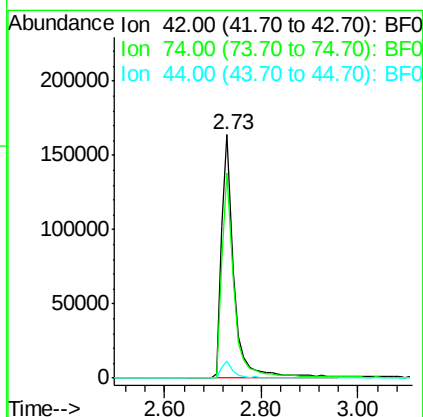
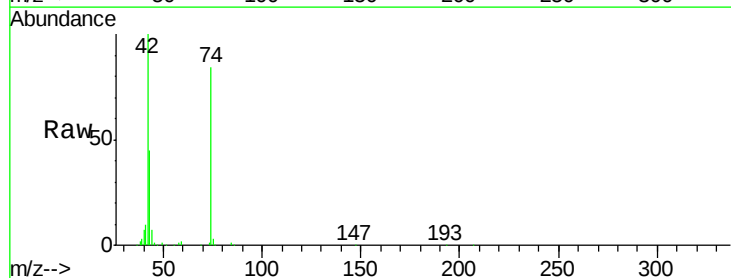
Tgt Ion: 42 Resp: 288813

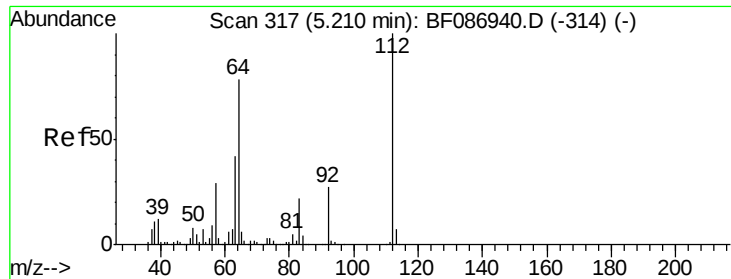
Ion Ratio Lower Upper

42 100

74 84.2 123.4 185.0#

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 37.75 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

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PB90490BSD

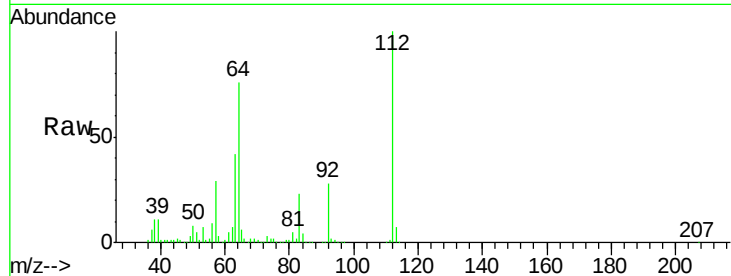
Tgt Ion:112 Resp: 940974

Ion Ratio Lower Upper

112 100

64 76.5 52.1 78.1

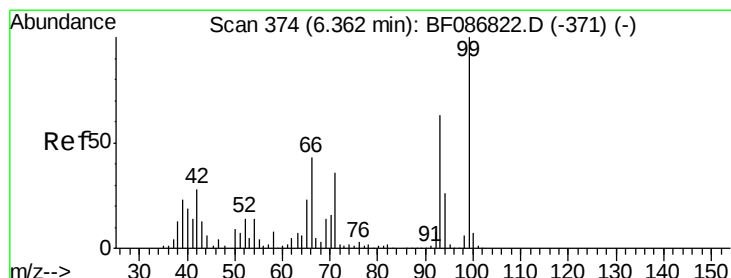
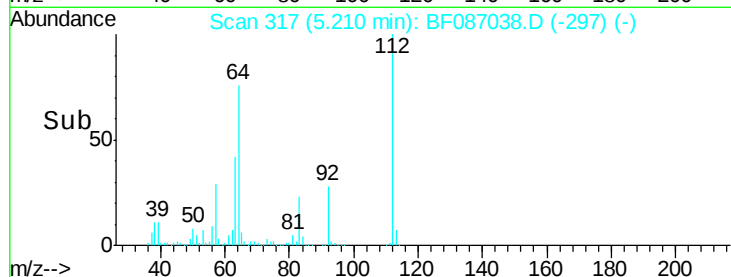
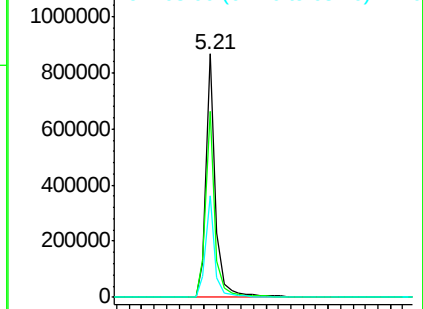
63 41.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.61 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

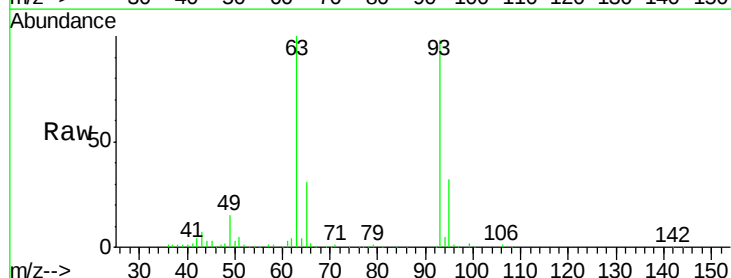
Tgt Ion: 93 Resp: 387379

Ion Ratio Lower Upper

93 100

66 2.1 39.0 58.6#

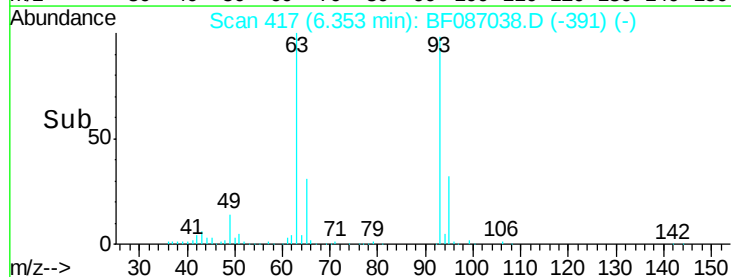
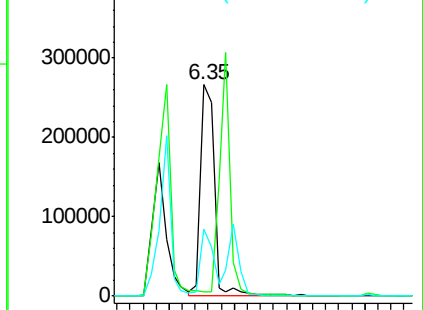
65 31.5 20.6 31.0#

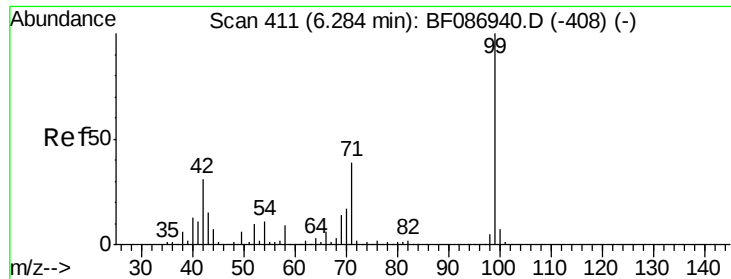


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 1.13 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.04 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

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BNA_F

ClientSampleId :

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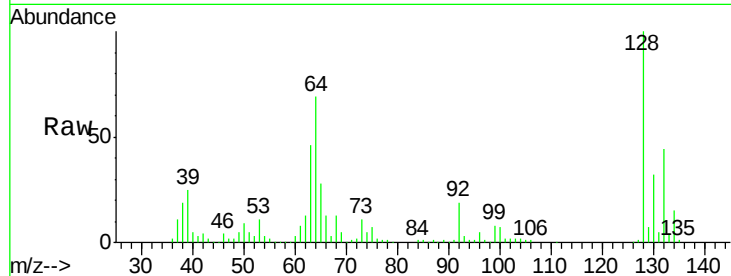
Tgt Ion: 99 Resp: 37679

Ion Ratio Lower Upper

99 100

42 50.6 13.6 20.4#

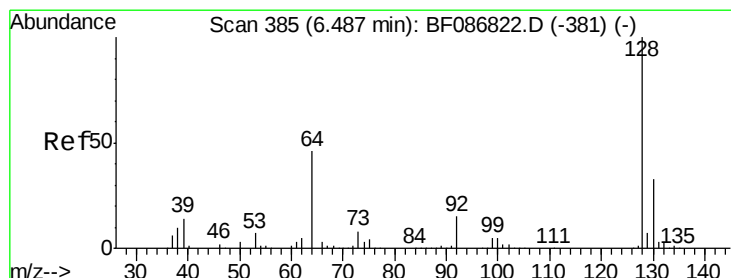
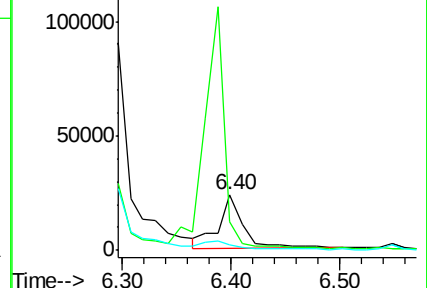
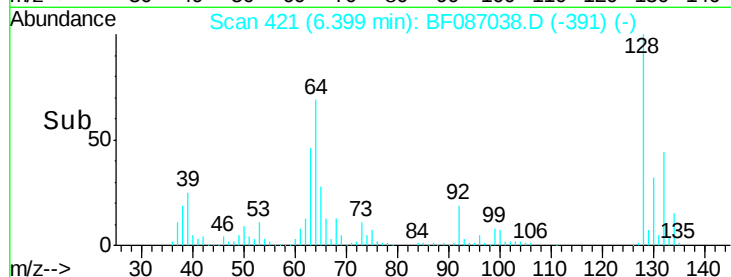
71 9.9 24.6 36.8#



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: 12.34 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

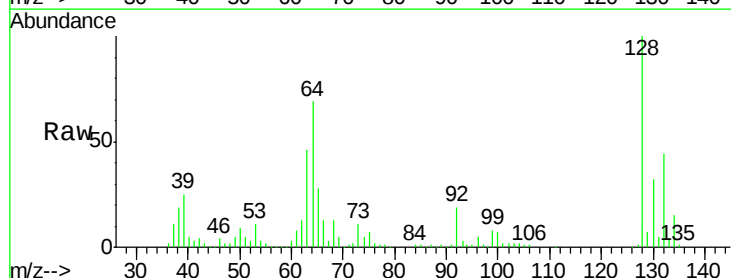
Tgt Ion: 128 Resp: 371045

Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

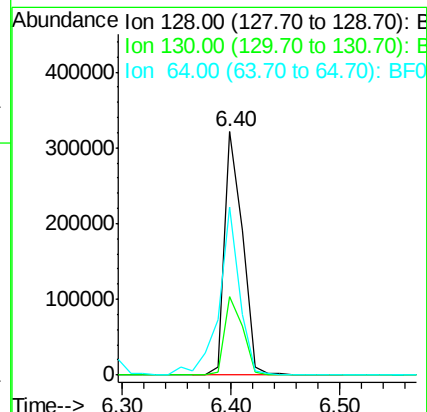
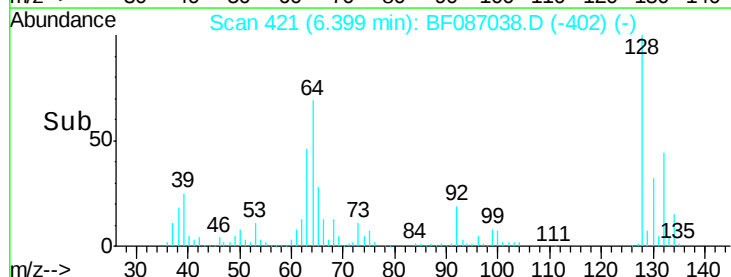
64 69.0 27.3 67.3#

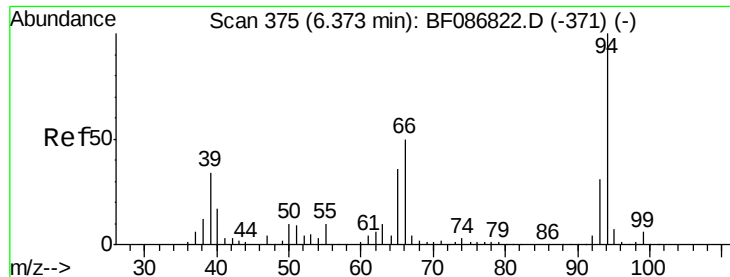


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 13.32 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

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PB90490BSD

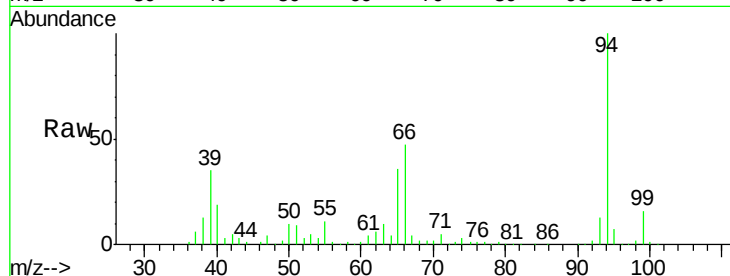
Tgt Ion: 94 Resp: 527262

Ion Ratio Lower Upper

94 100

65 35.6 7.2 47.2

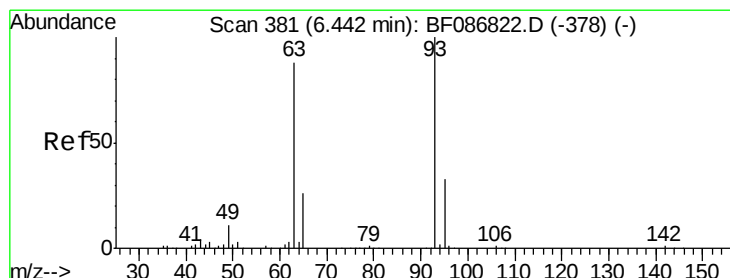
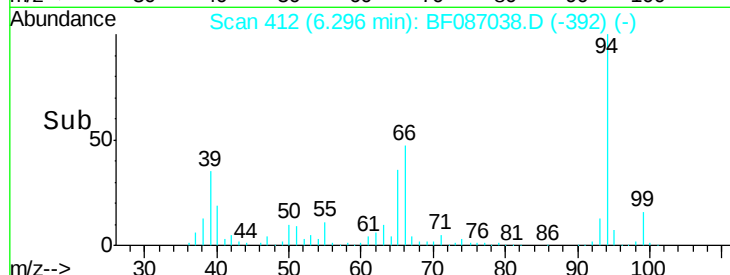
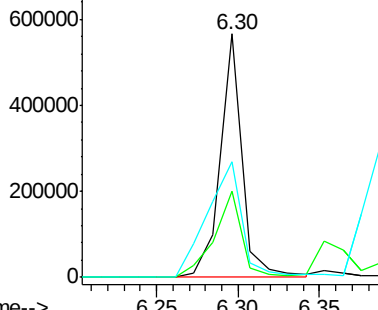
66 47.2 14.9 54.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 12.55 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

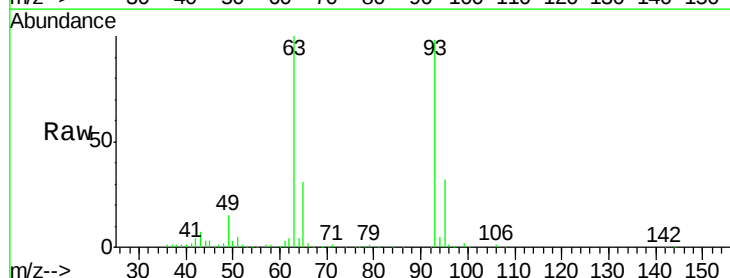
Tgt Ion: 93 Resp: 387379

Ion Ratio Lower Upper

93 100

63 102.3 58.0 98.0#

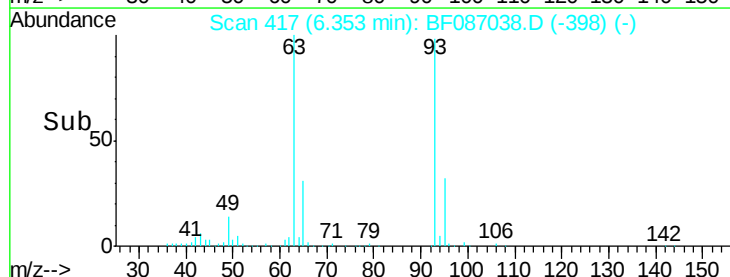
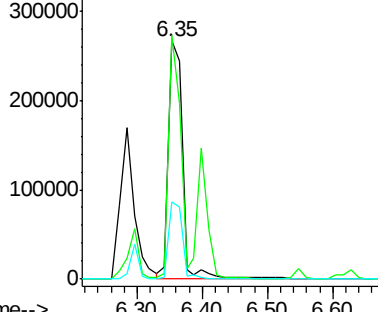
95 32.3 11.9 51.9

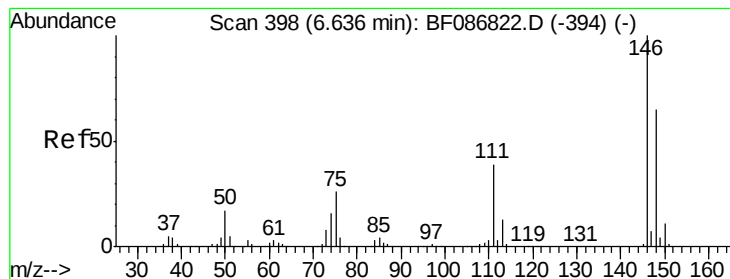


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 10.54 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampled :

PB90490BSD

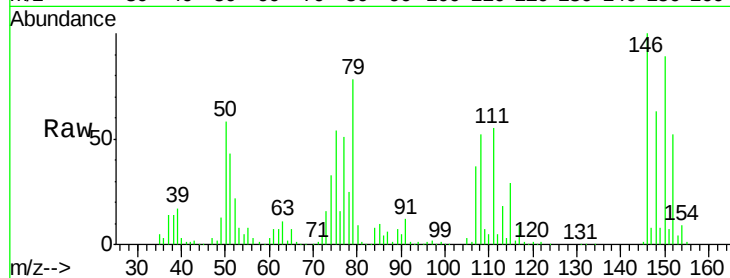
Tgt Ion:146 Resp: 342964

Ion Ratio Lower Upper

146 100

148 63.1 52.4 78.6

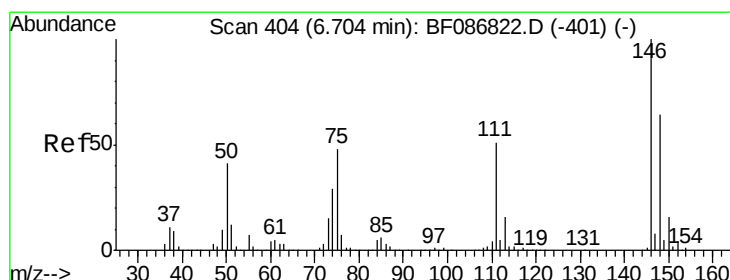
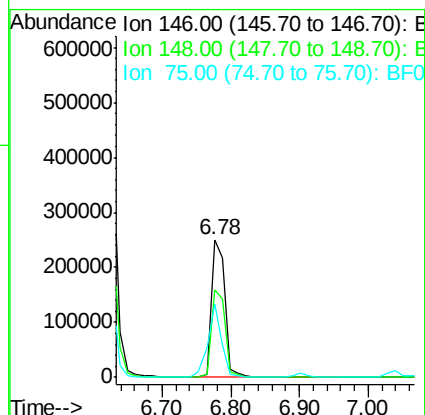
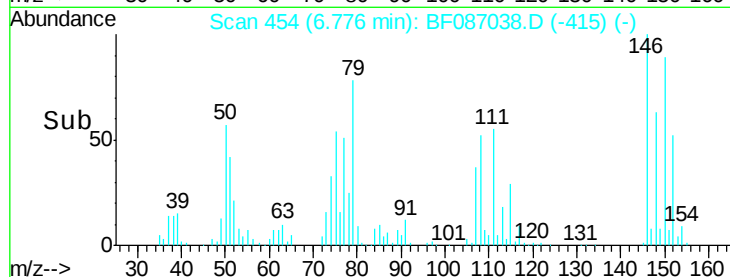
75 53.6 22.8 34.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 12.26 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

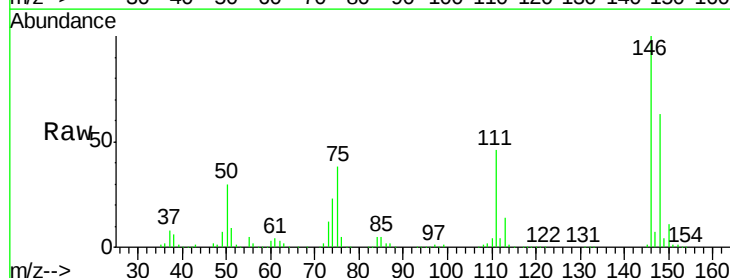
Tgt Ion:146 Resp: 406825

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.4

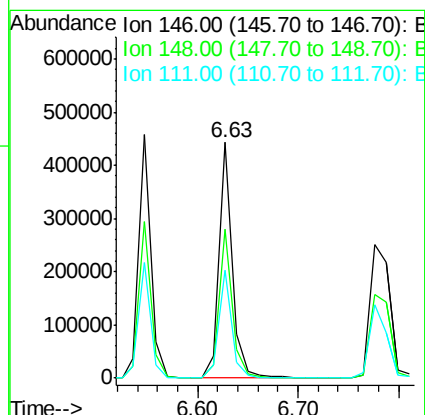
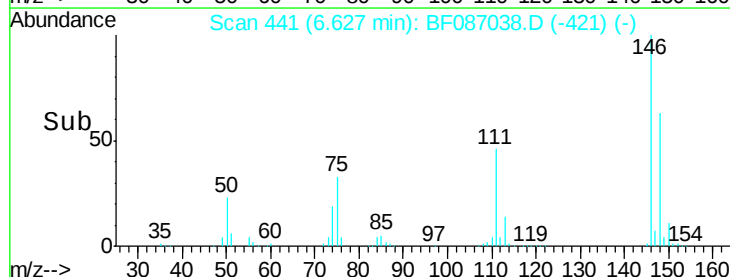
111 45.6 30.7 46.1

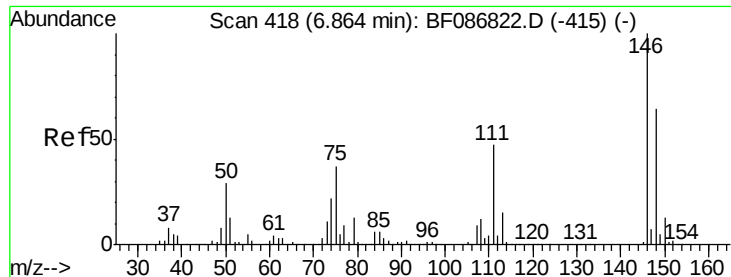


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

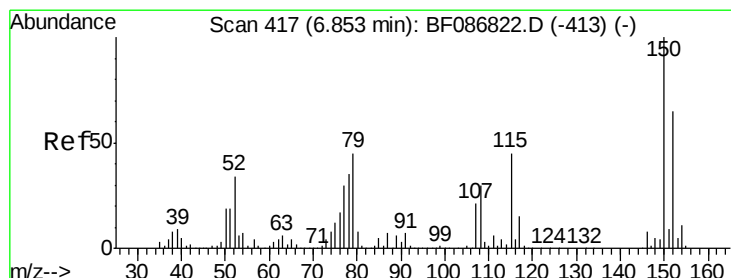
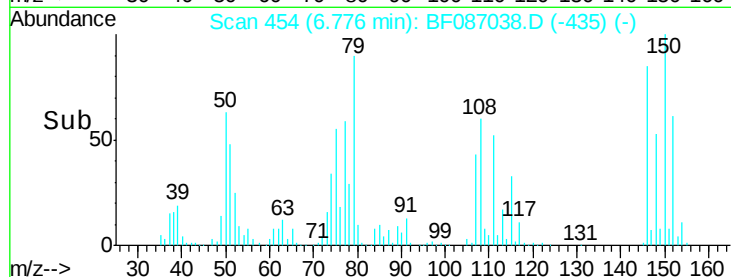
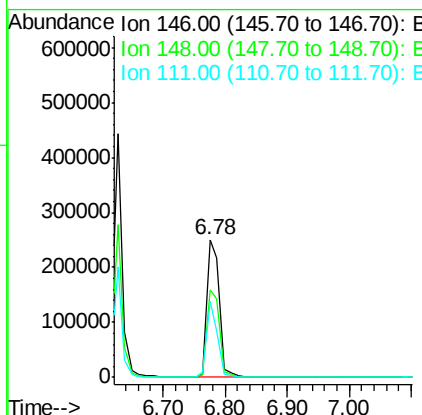
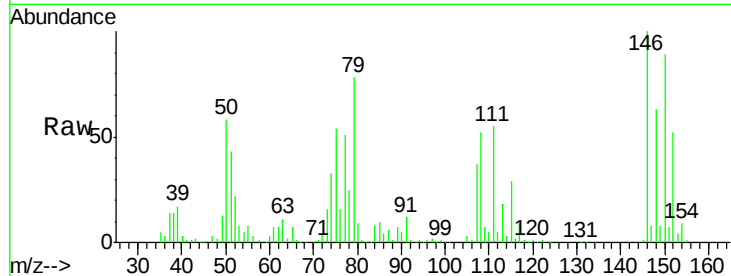




#14
 1,2-Dichlorobenzene
 Concen: 11.98 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.09 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

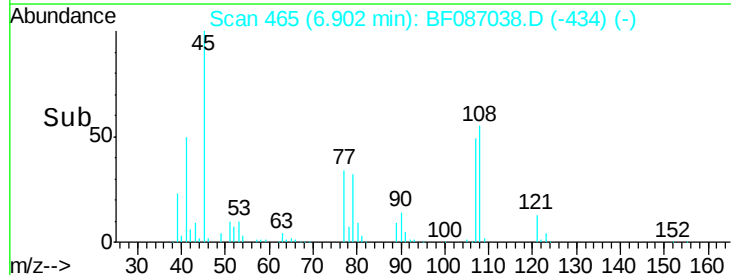
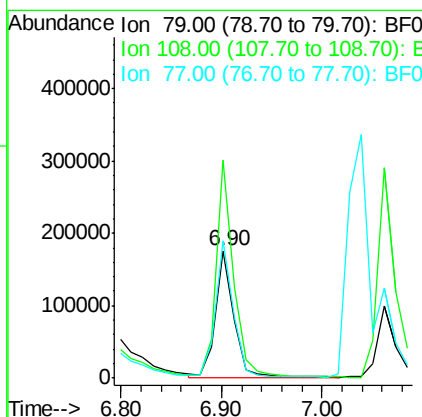
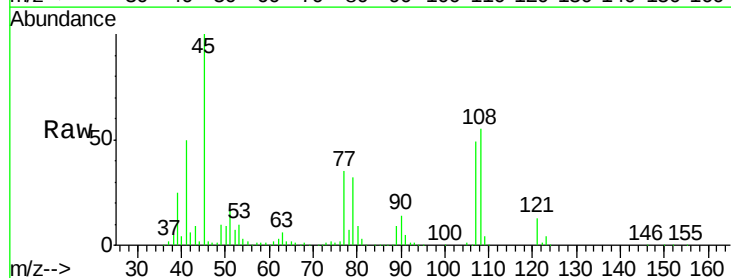
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

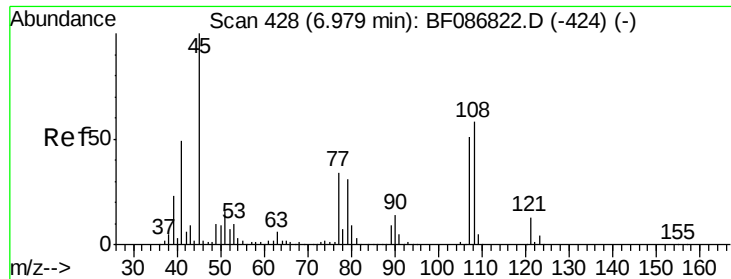
Tgt Ion:146 Resp: 346505
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.0 76.6
 111 54.8 36.2 54.4#



#15
 Benzyl Alcohol
 Concen: 9.74 ng
 RT: 6.90 min Scan# 465
 Delta R.T. 0.05 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion: 79 Resp: 224144
 Ion Ratio Lower Upper
 79 100
 108 171.0 68.4 102.6#
 77 107.2 50.6 76.0#

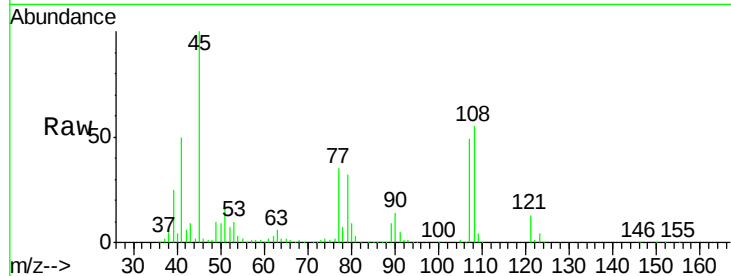




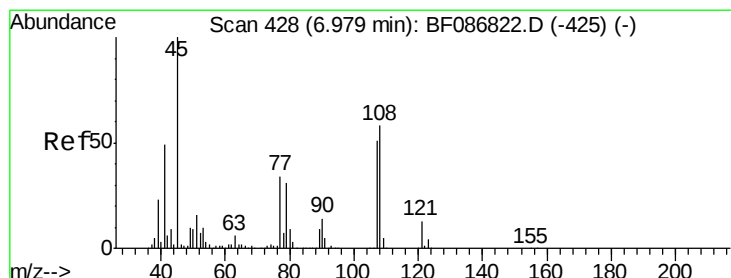
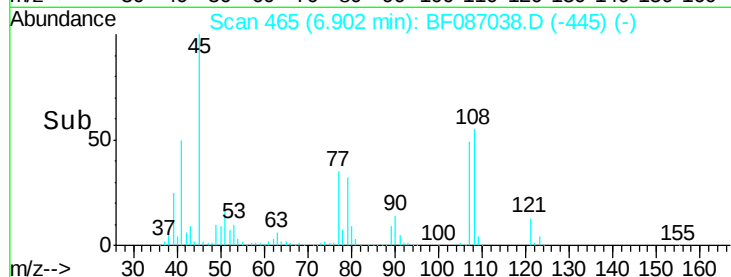
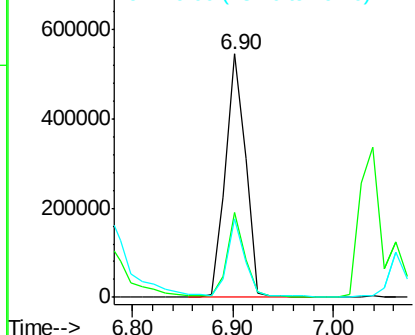
#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.31 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion: 45 Resp: 759555
Ion Ratio Lower Upper
45 100
77 34.6 0.0 36.4
79 32.3 0.0 33.4

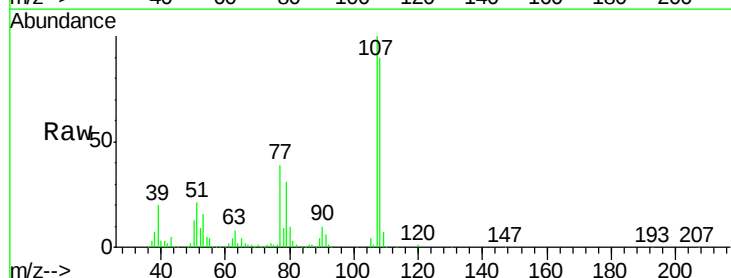


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

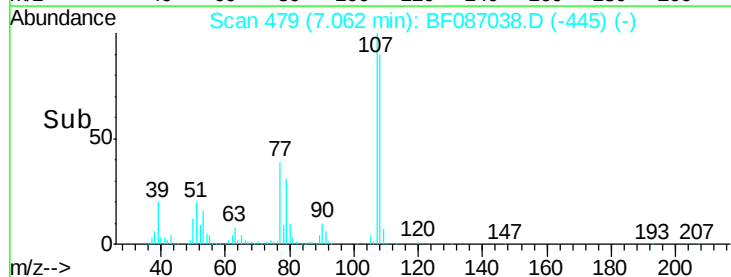
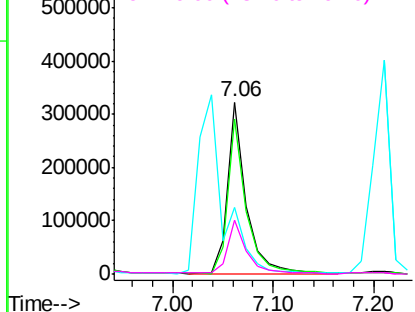


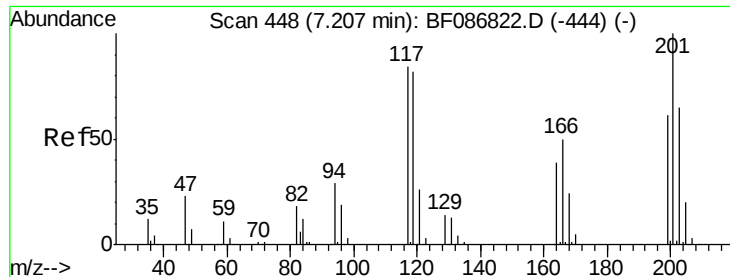
#17
2-Methylphenol
Concen: 17.09 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion: 107 Resp: 409143
Ion Ratio Lower Upper
107 100
108 89.9 93.7 140.5#
77 38.6 33.4 50.0
79 31.0 34.3 51.5#



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

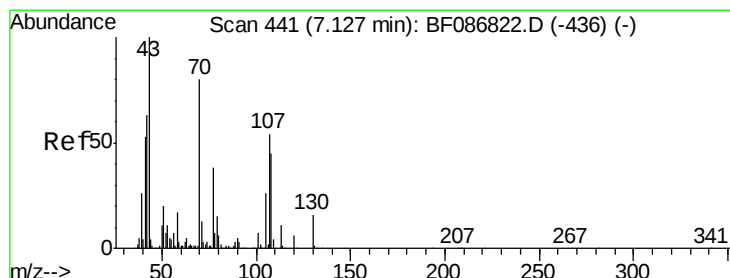
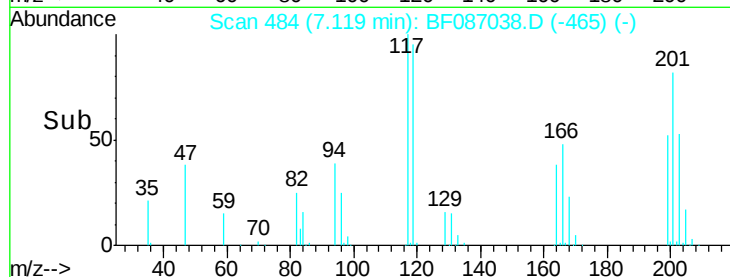
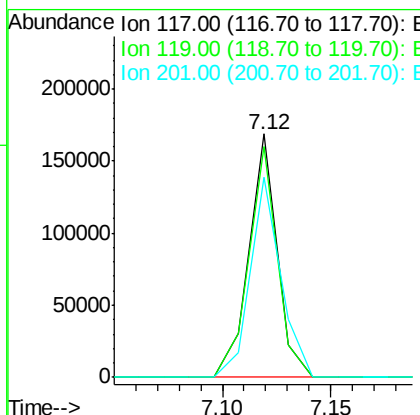
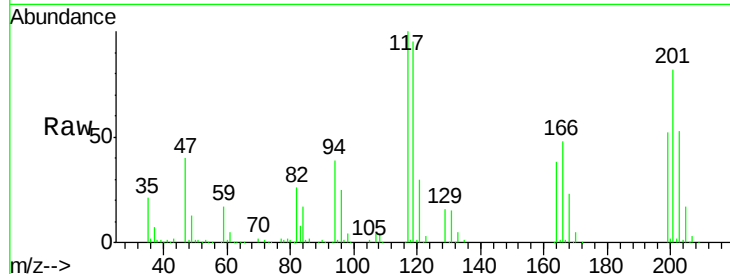




#18
Hexachloroethane
Concen: 12.18 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

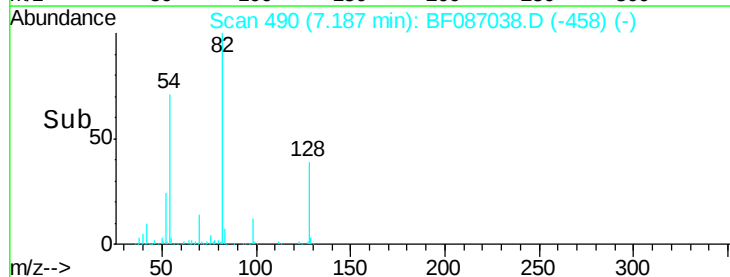
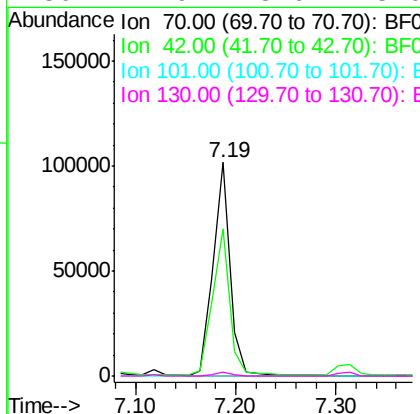
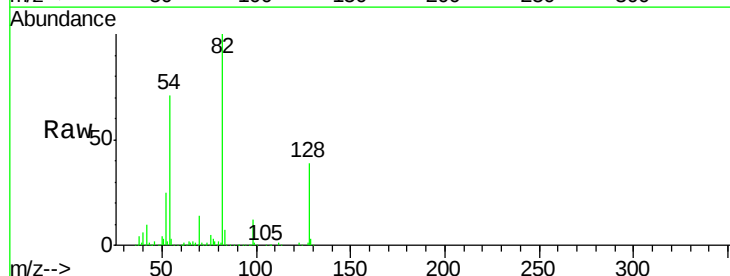
Instrument :
BNA_F
ClientSampleId :
PB90490BSD

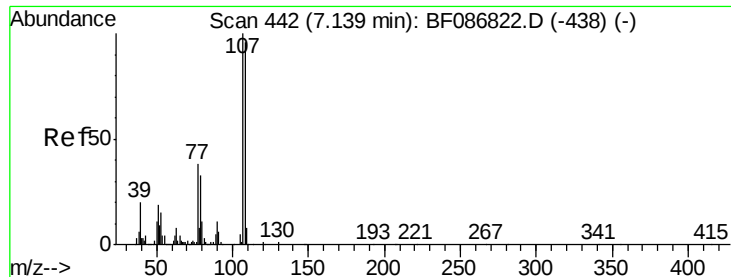
Tgt Ion: 117 Resp: 152178
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7
201 82.4 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.18 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion: 70 Resp: 120710
Ion Ratio Lower Upper
70 100
42 69.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#





#20

3+4-Methylphenols

Concen: 13.09 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

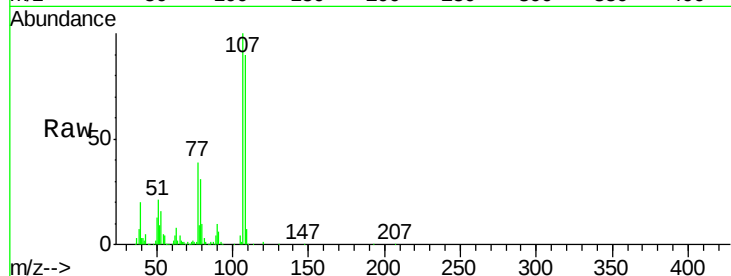
Instrument :

BNA_F

ClientSampleId :

PB90490BSD

Tgt Ion:	107	Resp:	409143
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.5	108.5
77	38.6	101.6	141.6#
79	31.0	7.4	47.4



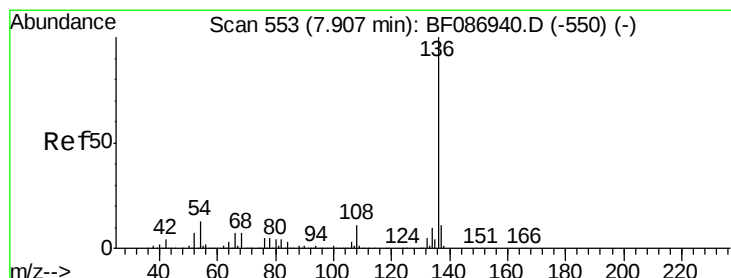
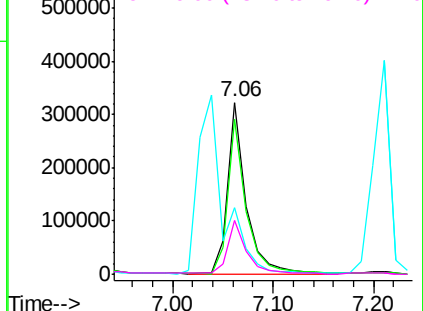
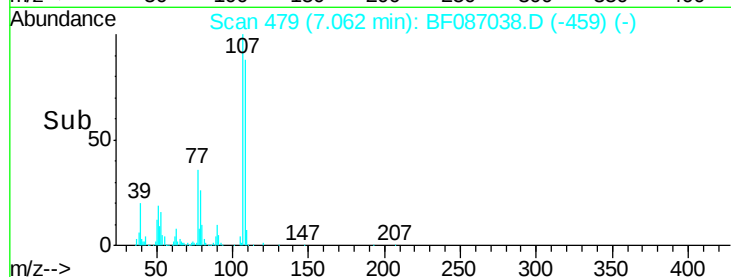
Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

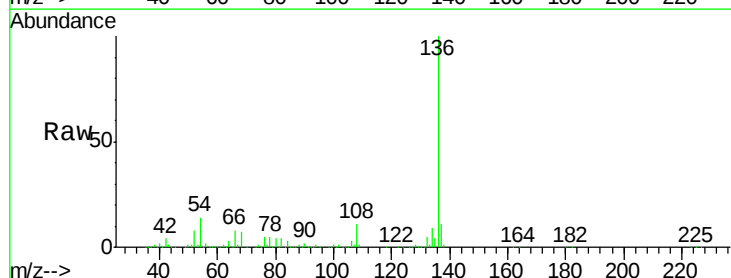
RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	136	Resp:	559176
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.0	5.0	7.4#
68	7.2	4.4	6.6#



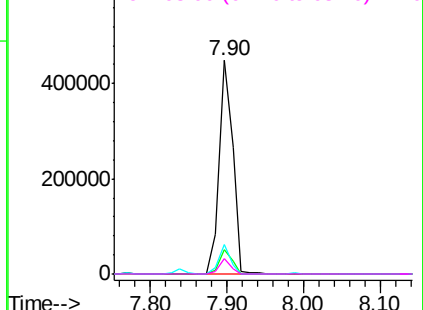
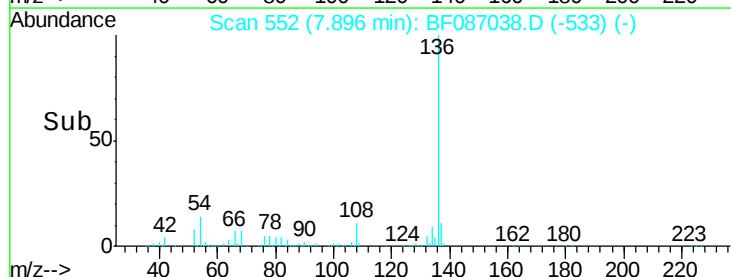
Abundance

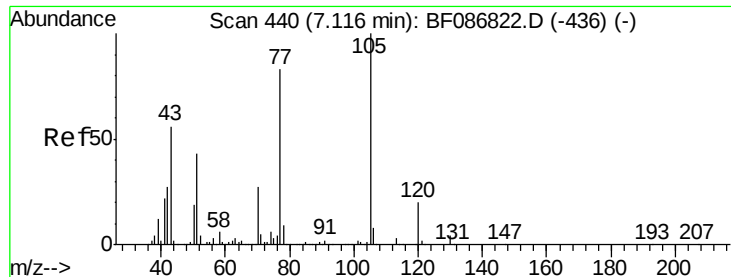
Ion 136.00 (135.70 to 136.70): E

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: 41.83 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

Tgt Ion: 105 Resp: 552477

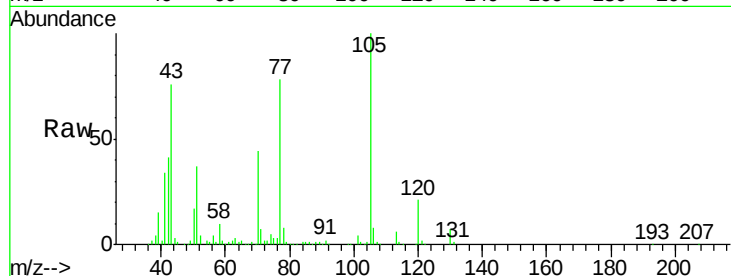
Ion Ratio Lower Upper

105 100

71 7.3 4.8 7.2#

51 36.6 32.6 49.0

120 21.0 16.5 24.7

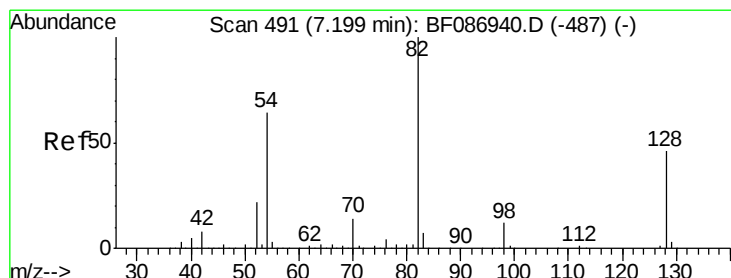
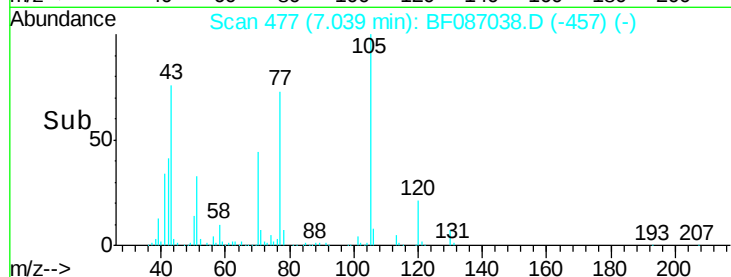
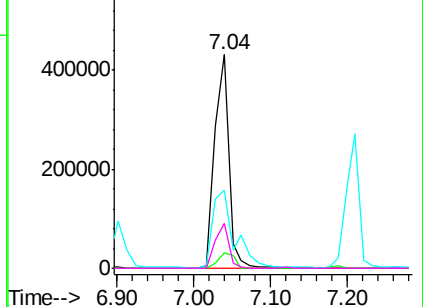


Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.66 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

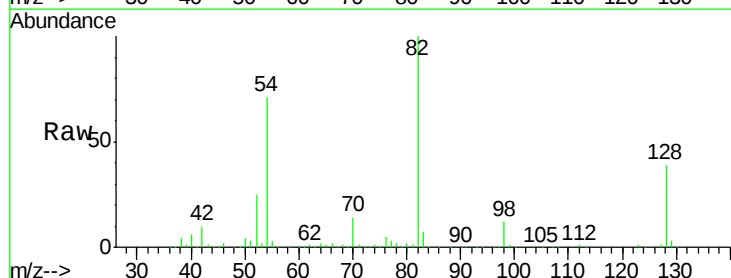
Tgt Ion: 82 Resp: 842522

Ion Ratio Lower Upper

82 100

128 39.3 40.6 61.0#

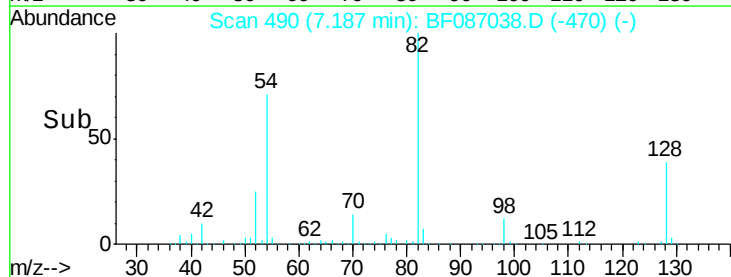
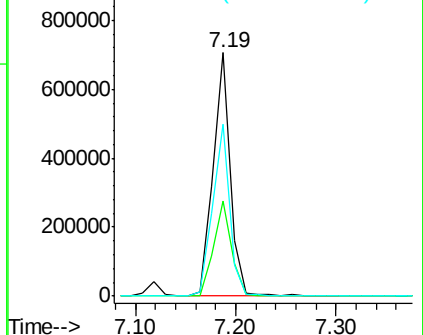
54 70.6 38.1 57.1#

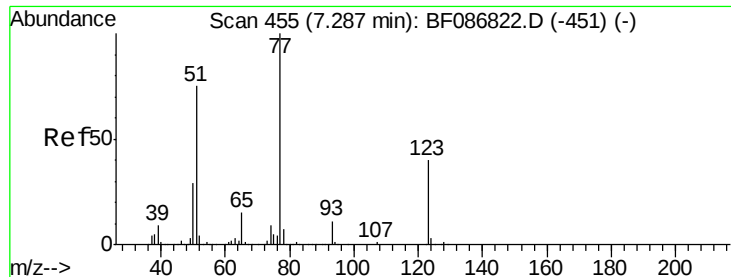


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 39.60 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

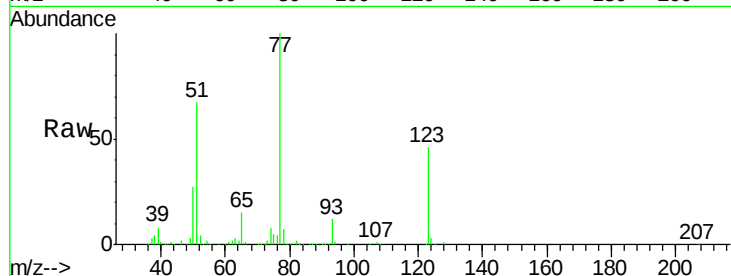
Tgt Ion: 77 Resp: 453645

Ion Ratio Lower Upper

77 100

123 46.0 33.0 49.4

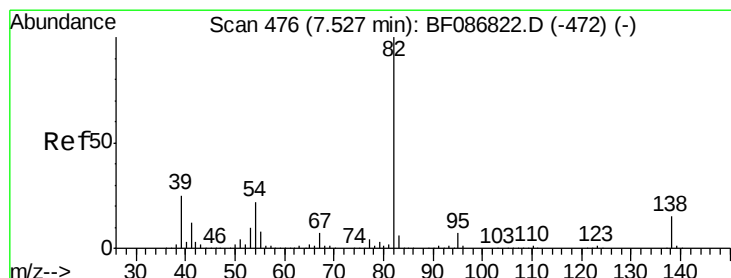
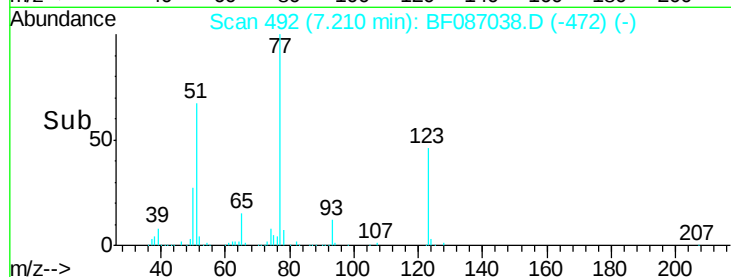
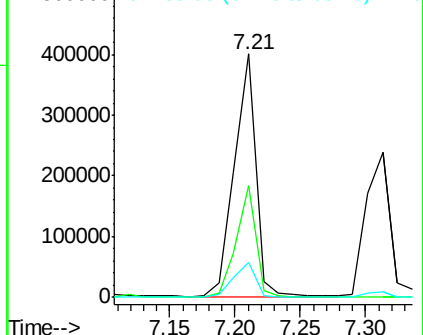
65 14.5 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.48 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

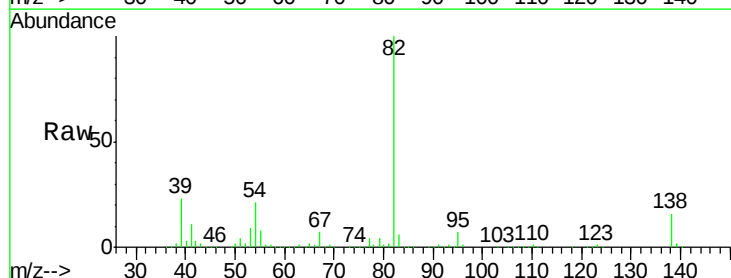
Tgt Ion: 82 Resp: 795102

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

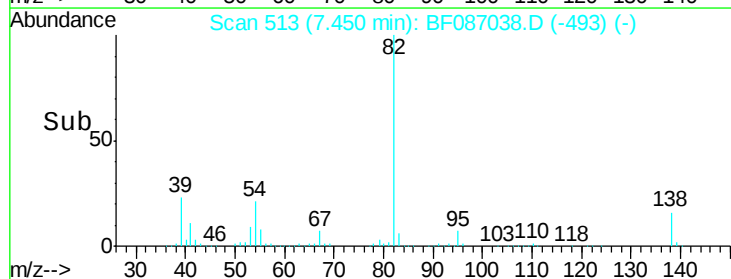
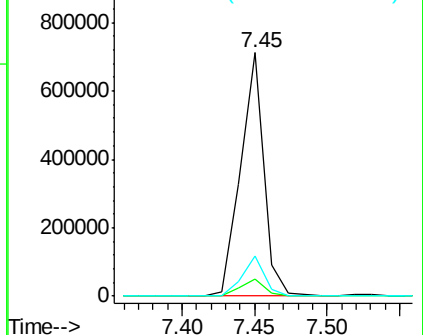
138 16.3 12.4 18.6

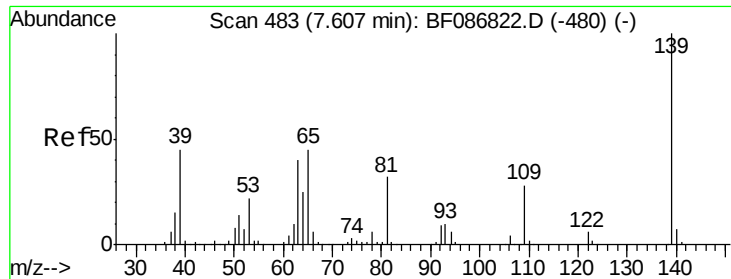


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

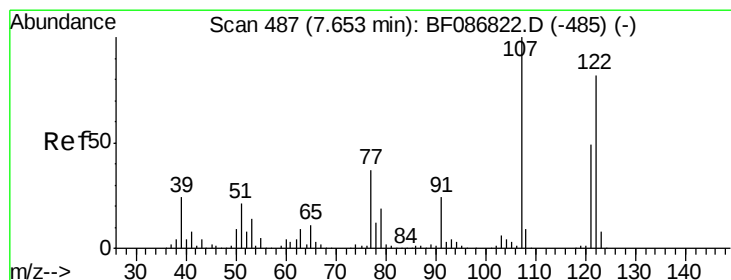
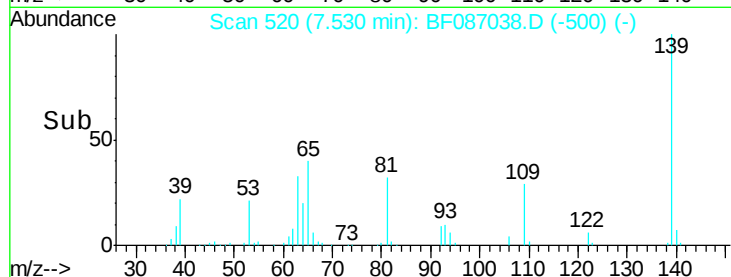
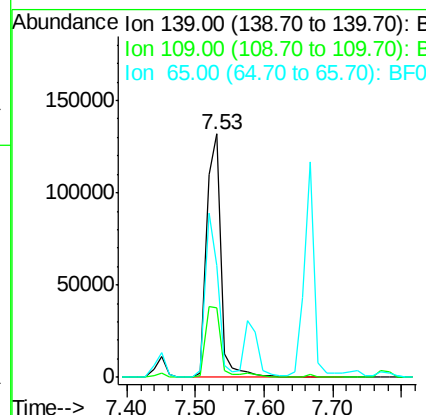
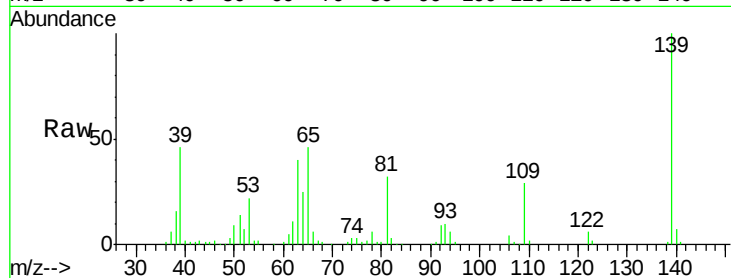




#26
 2-Nitrophenol
 Concen: 37.54 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

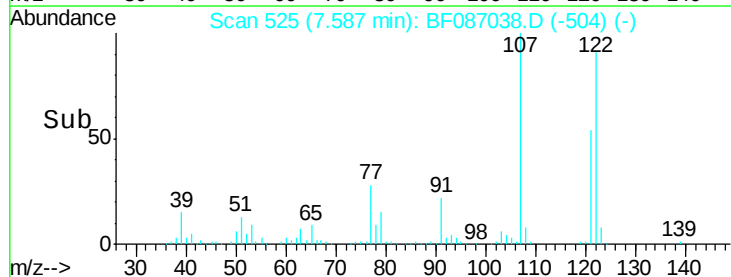
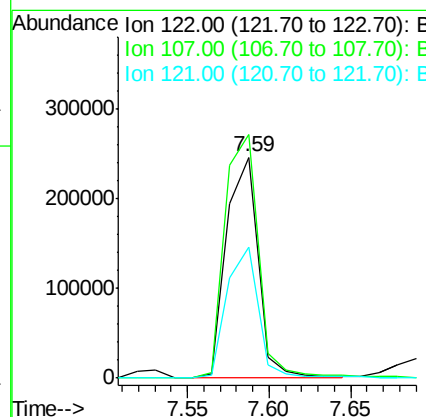
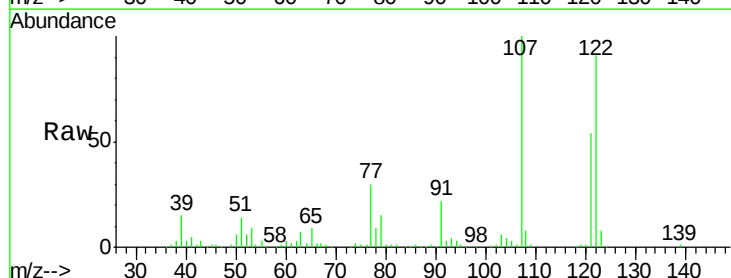
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

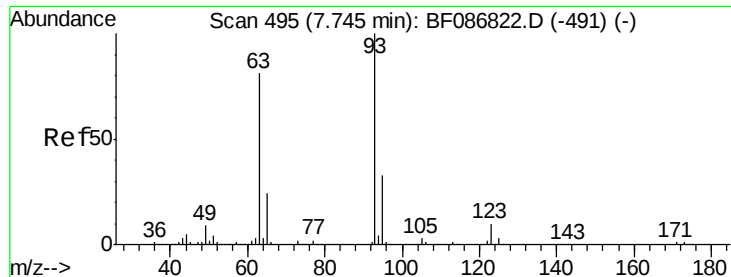
Tgt Ion:139 Resp: 189028
 Ion Ratio Lower Upper
 139 100
 109 28.5 19.5 29.3
 65 45.9 37.5 56.3



#27
 2,4-Dimethylphenol
 Concen: 38.60 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:122 Resp: 331064
 Ion Ratio Lower Upper
 122 100
 107 110.2 82.0 123.0
 121 59.2 46.1 69.1

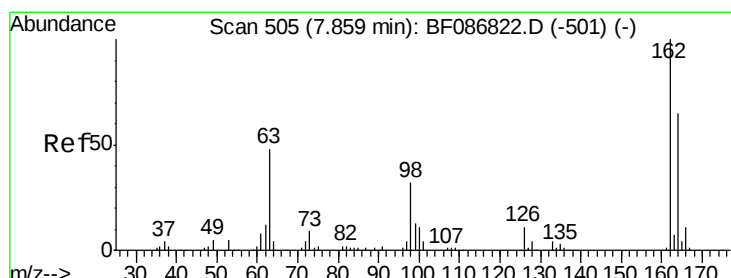
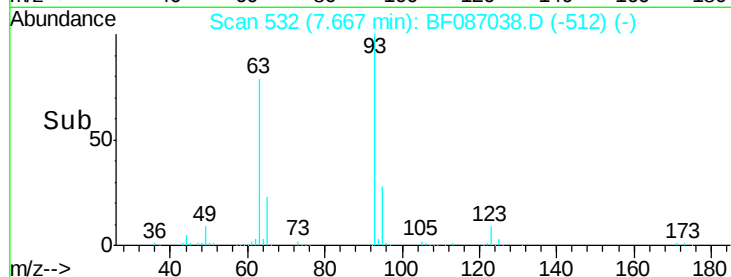
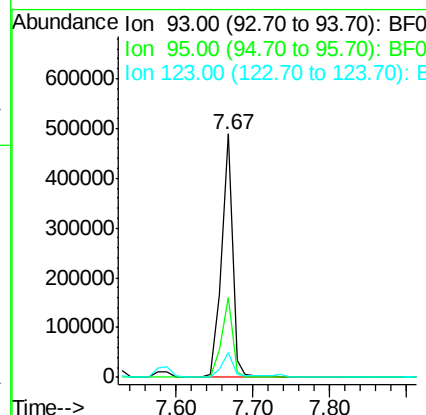
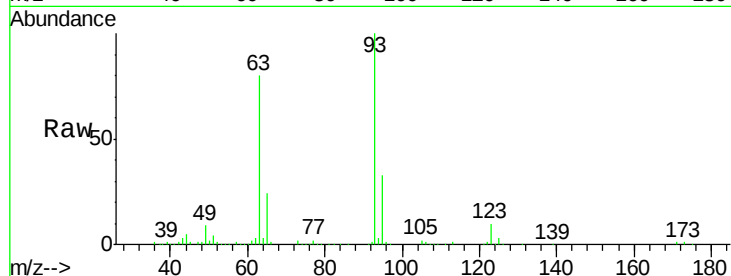




#28
 bis(2-Chloroethoxy)methane
 Concen: 43.79 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

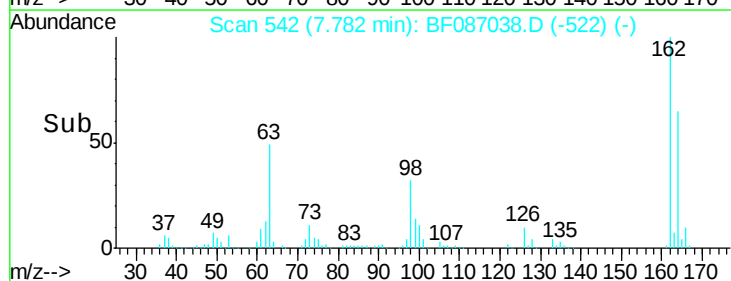
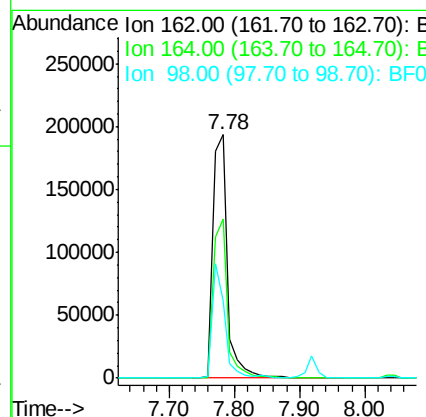
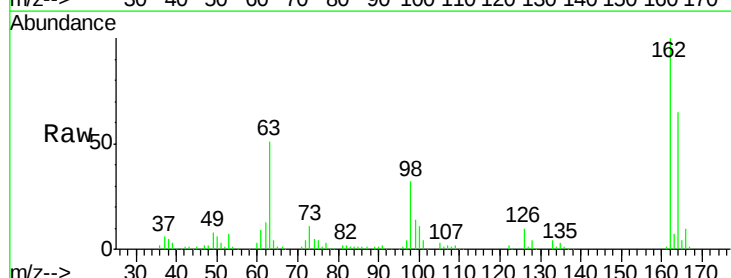
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

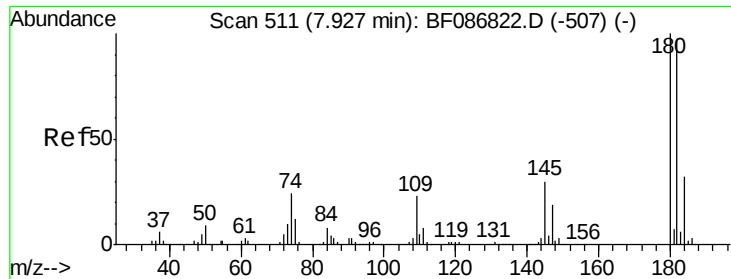
Tgt Ion: 93 Resp: 488058
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 10.2 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 40.25 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion: 162 Resp: 303892
 Ion Ratio Lower Upper
 162 100
 164 65.4 42.2 82.2
 98 32.0 19.0 59.0

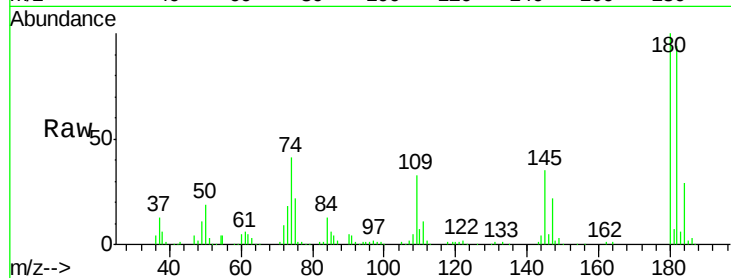




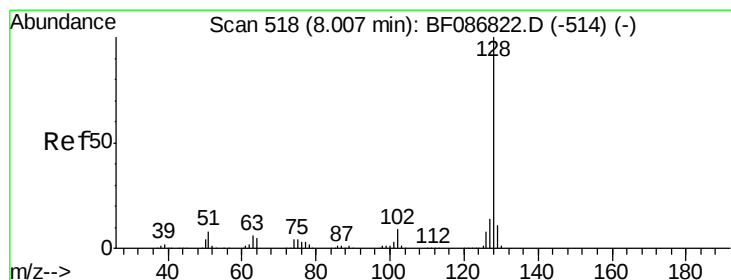
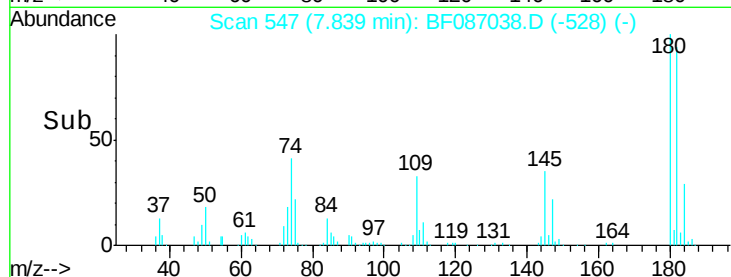
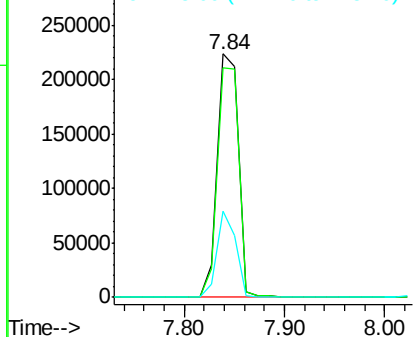
#30
 1,2,4-Trichlorobenzene
 Concen: 38.73 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.09 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion:180 Resp: 326915
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.0 117.0
 145 35.4 24.2 36.2

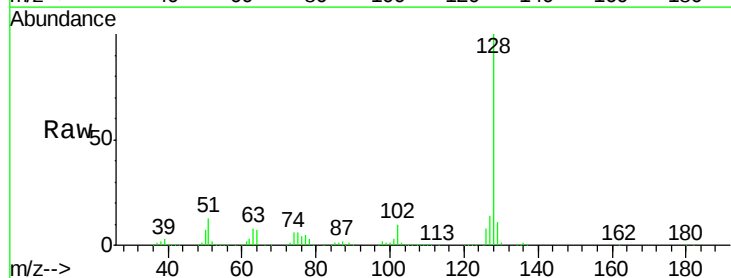


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

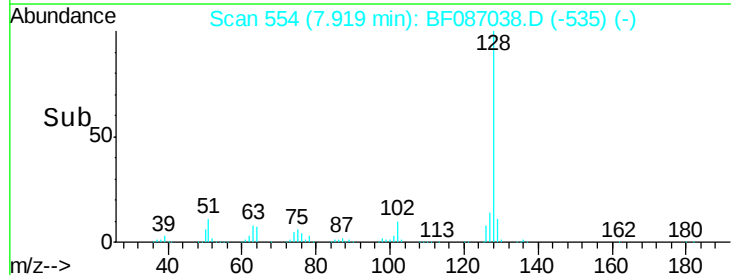
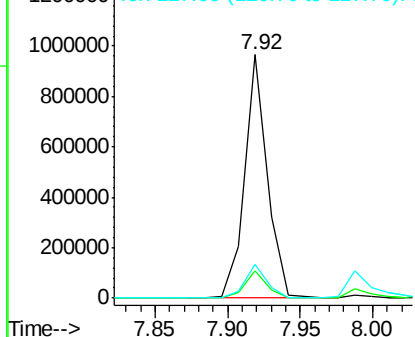


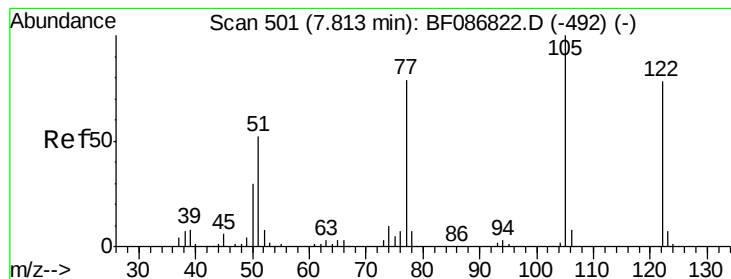
#31
 Naphthalene
 Concen: 37.38 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:128 Resp: 1046851
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 13.0
 127 13.6 10.8 16.2



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: 34.11 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

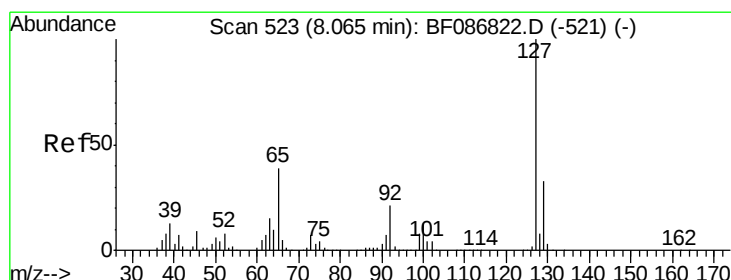
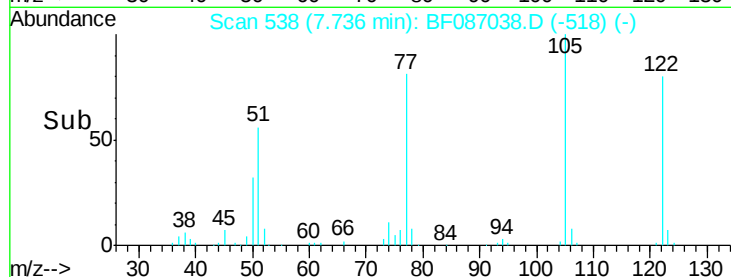
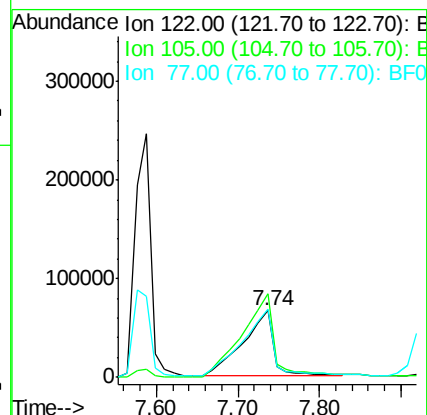
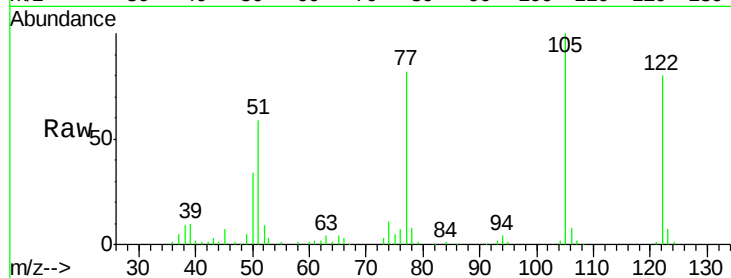
Tgt Ion:122 Resp: 171852

Ion Ratio Lower Upper

122 100

105 125.4 92.6 132.6

77 102.9 60.0 100.0#



#33

4-Chloroaniline

Concen: 13.41 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:127 Resp: 145965

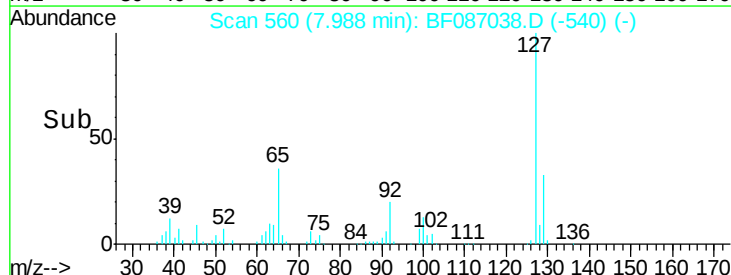
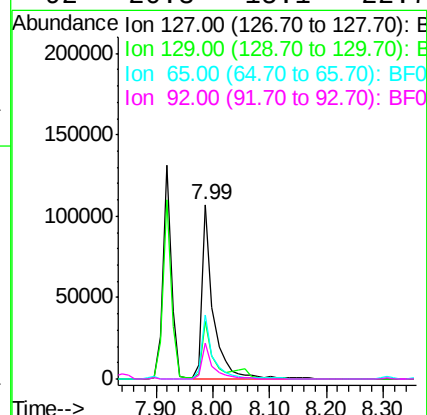
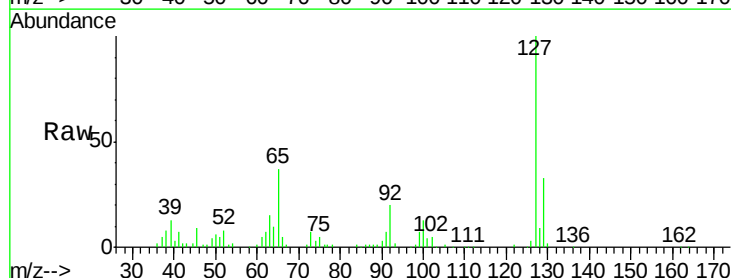
Ion Ratio Lower Upper

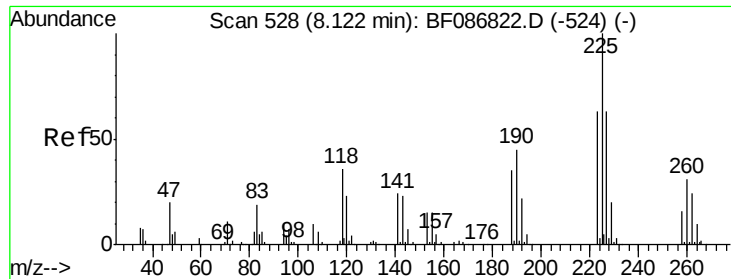
127 100

129 33.1 26.2 39.4

65 36.7 23.0 34.4#

92 20.3 15.1 22.7

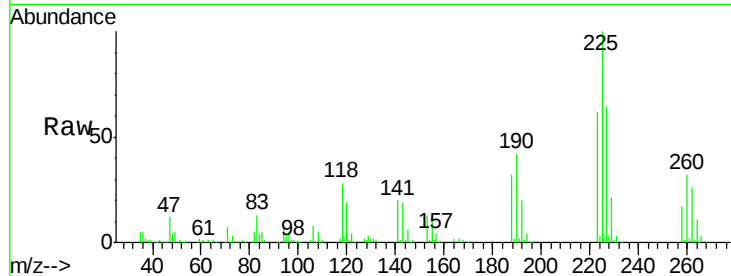




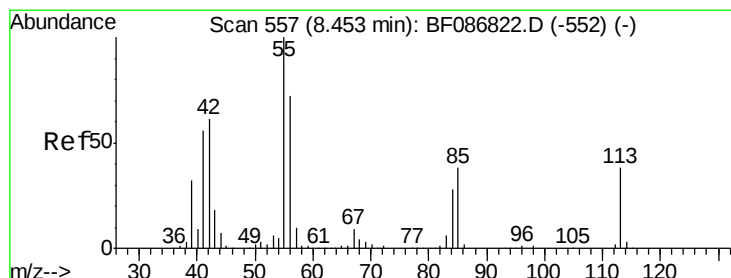
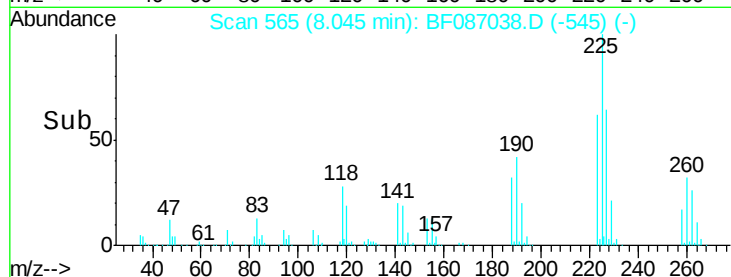
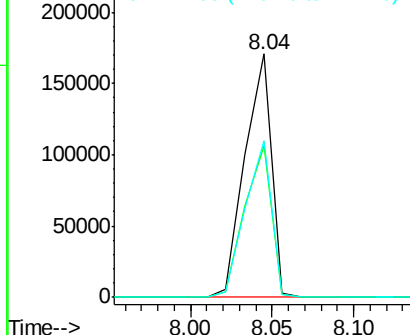
#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion: 225 Resp: 191852
Ion Ratio Lower Upper
225 100
223 62.4 51.5 77.3
227 64.3 52.2 78.2

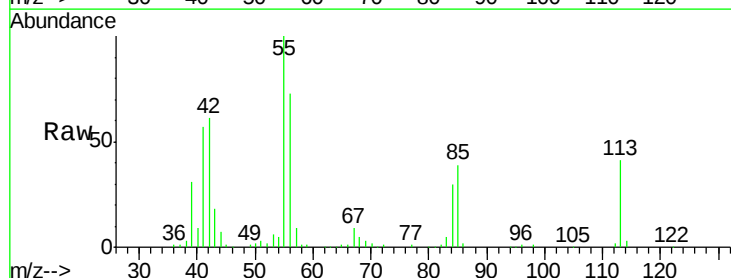


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

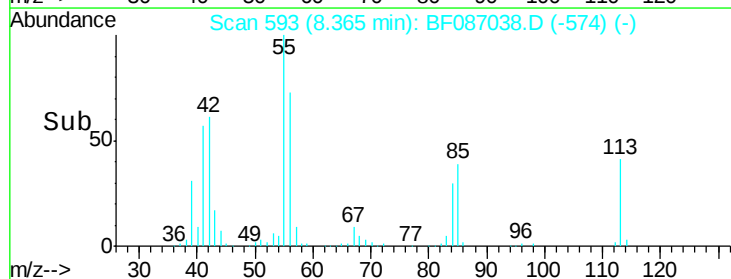
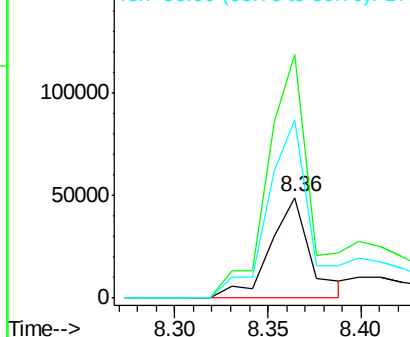


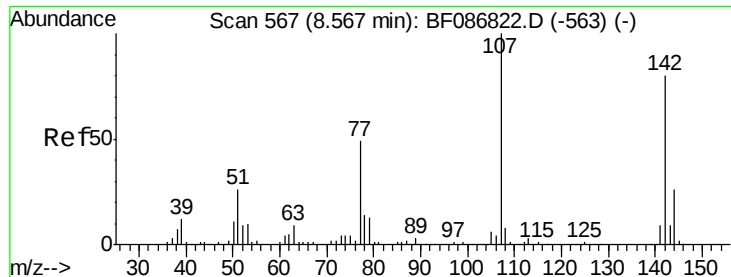
#35
Caprolactam
Concen: 28.65 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.09 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion: 113 Resp: 73605
Ion Ratio Lower Upper
113 100
55 241.3 162.0 202.0#
56 177.1 115.3 155.3#



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

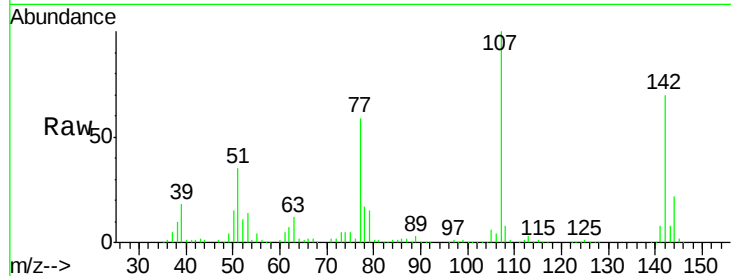




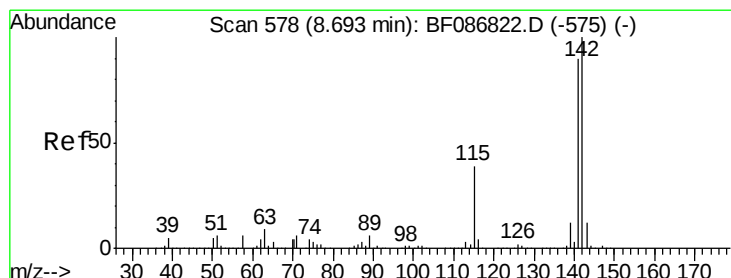
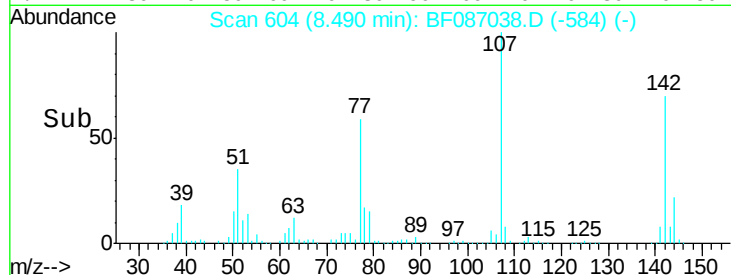
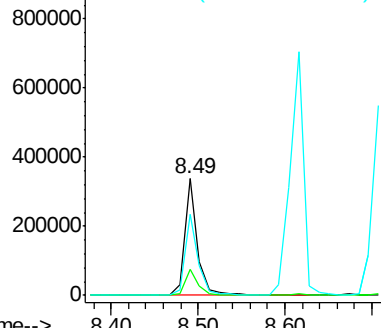
#36
 4-Chloro-3-methylphenol
 Concen: 37.71 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion:107 Resp: 345251
 Ion Ratio Lower Upper
 107 100
 144 22.1 20.7 31.1
 142 69.5 63.2 94.8

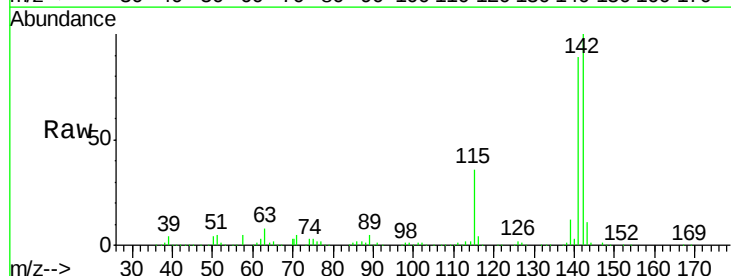


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

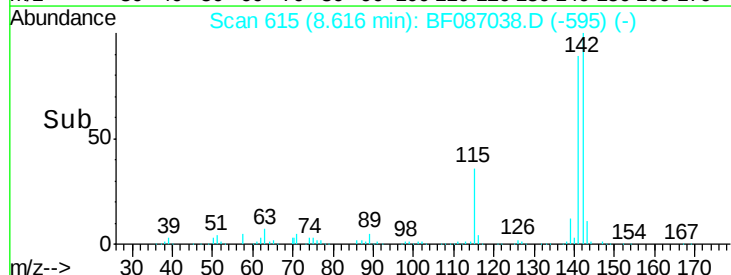
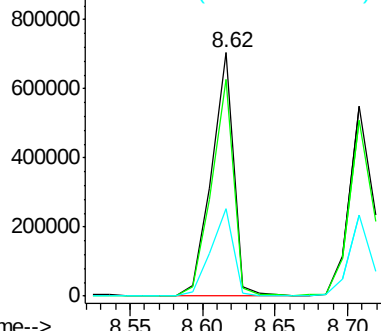


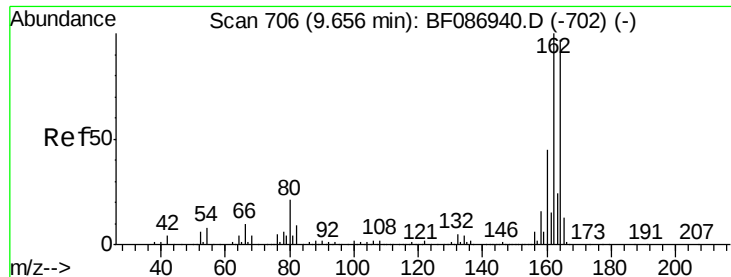
#37
 2-Methylnaphthalene
 Concen: 45.25 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:142 Resp: 740855
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 35.8 26.6 39.8



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: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

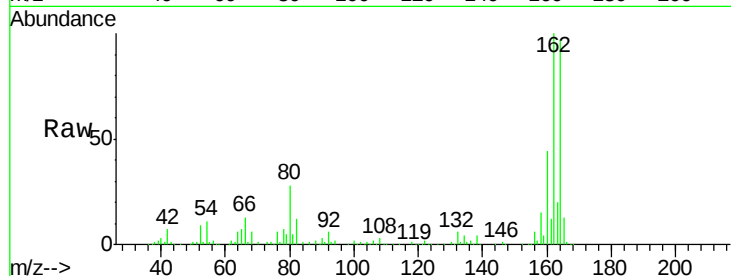
Tgt Ion:164 Resp: 263436

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

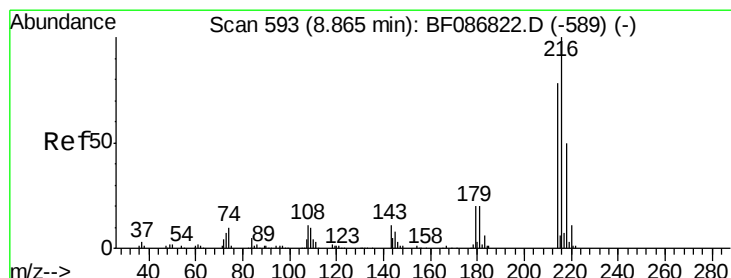
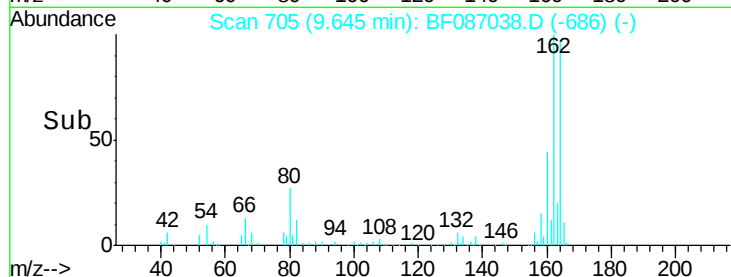
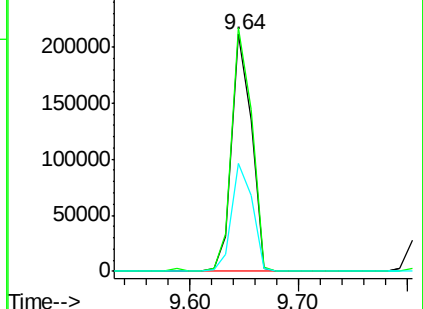
160 45.7 36.9 55.3



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: 37.42 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:216 Resp: 286644

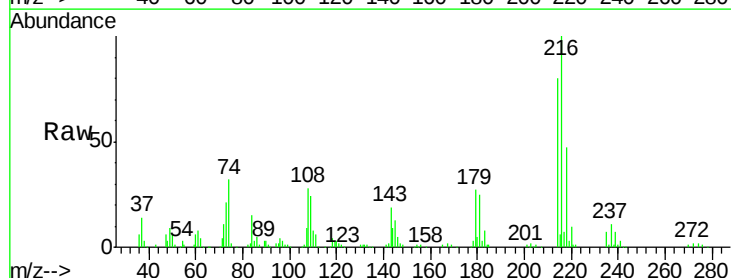
Ion Ratio Lower Upper

216 100

214 79.3 62.6 93.8

179 23.6 18.2 27.4

108 25.7 17.5 26.3

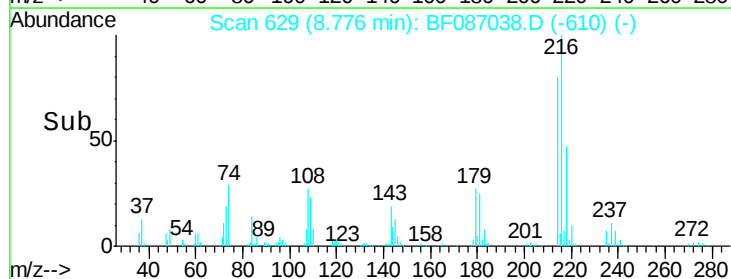
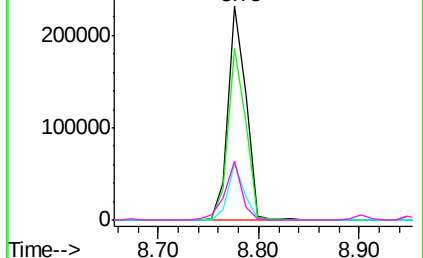


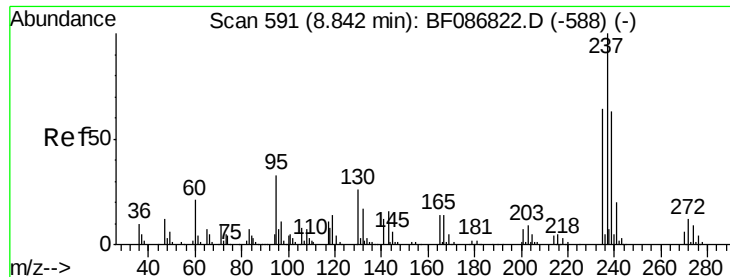
Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.20 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

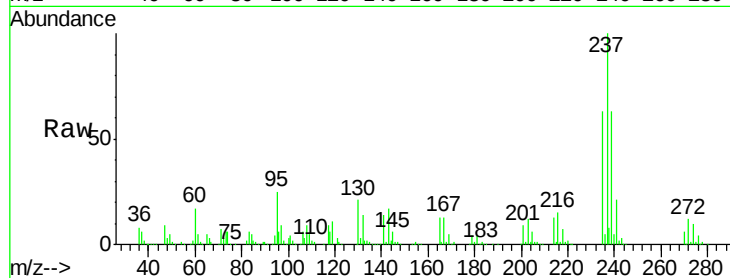
Tgt Ion:237 Resp: 247933

Ion Ratio Lower Upper

237 100

235 63.1 47.2 87.2

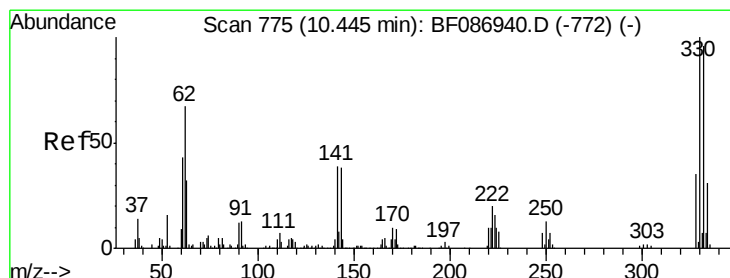
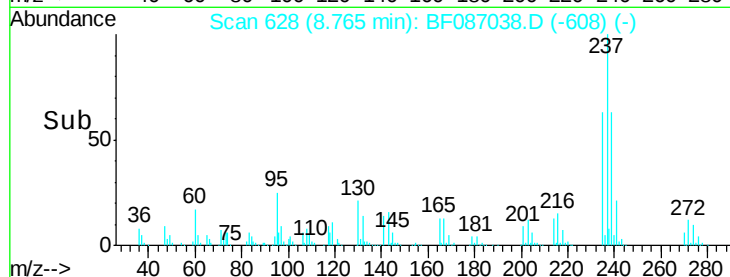
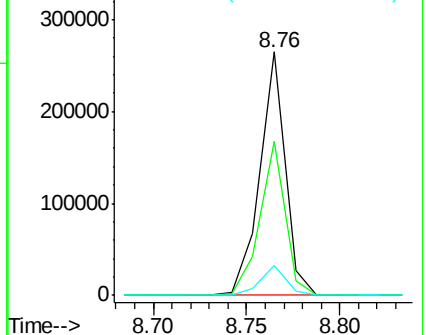
272 12.0 0.0 31.1



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: 131.03 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

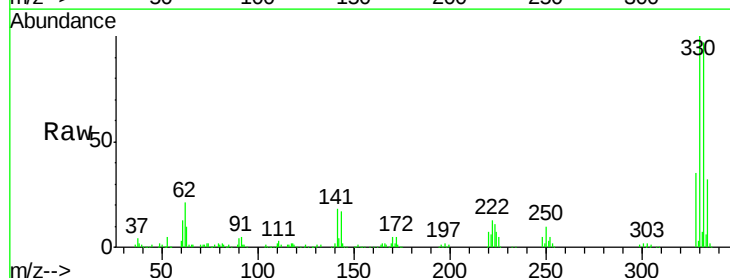
Tgt Ion:330 Resp: 365429

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

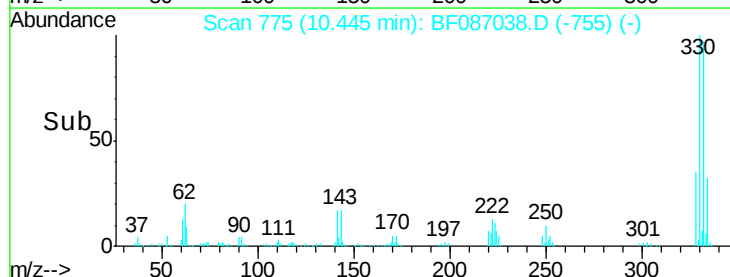
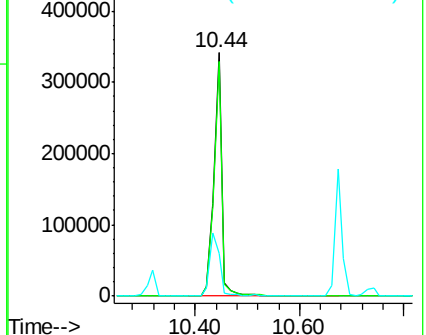
141 32.3 31.2 46.8

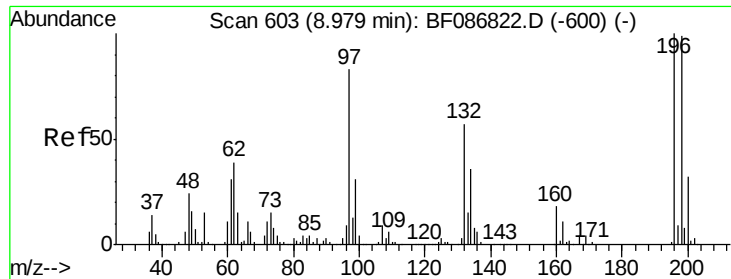


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

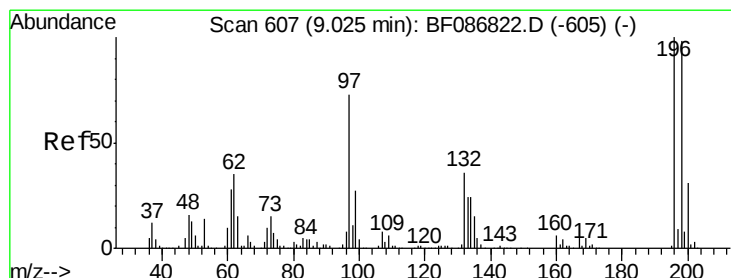
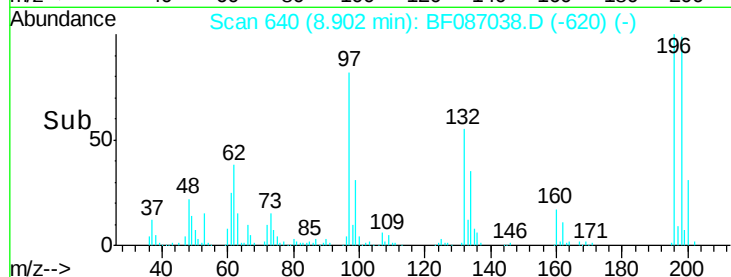
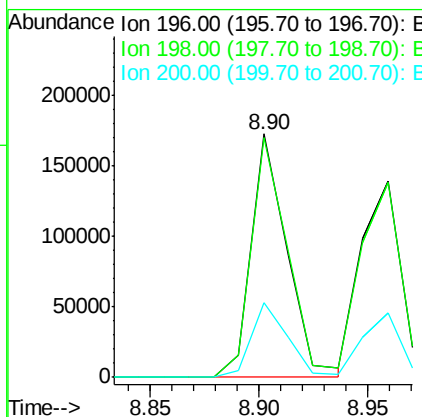
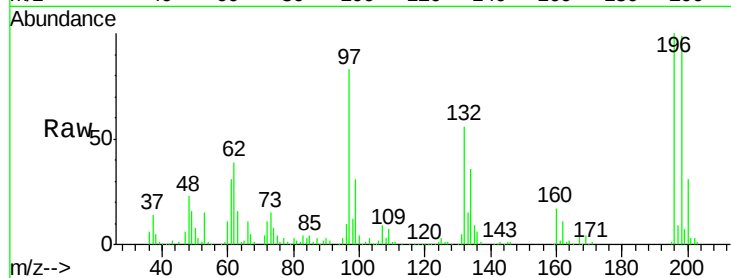




#42
 2,4,6-Trichlorophenol
 Concen: 38.82 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

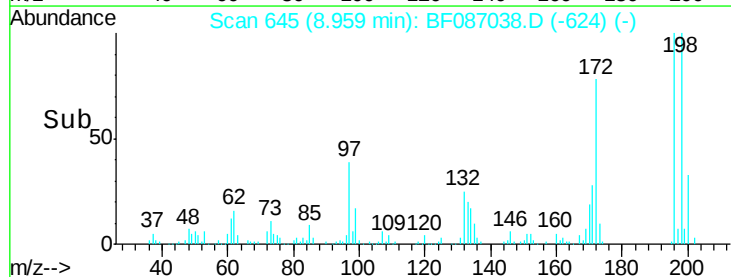
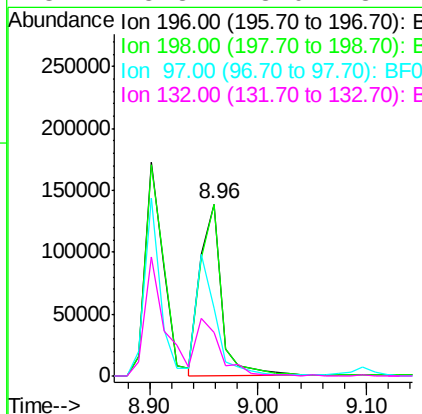
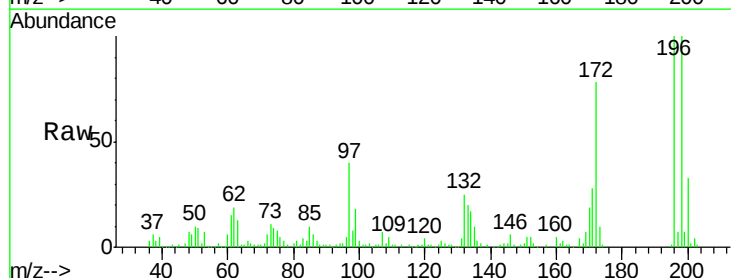
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

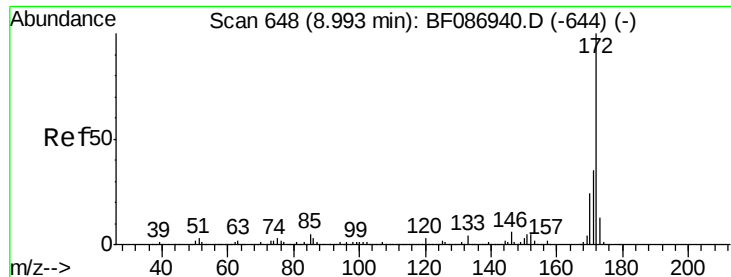
Tgt Ion:196 Resp: 198817
 Ion Ratio Lower Upper
 196 100
 198 98.7 74.7 112.1
 200 30.8 23.8 35.6



#43
 2,4,5-Trichlorophenol
 Concen: 36.09 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.07 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:196 Resp: 191153
 Ion Ratio Lower Upper
 196 100
 198 99.7 77.5 116.3
 97 39.7 34.8 52.2
 132 25.3 23.0 34.4

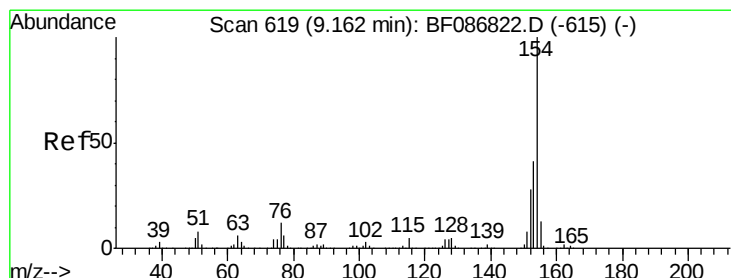
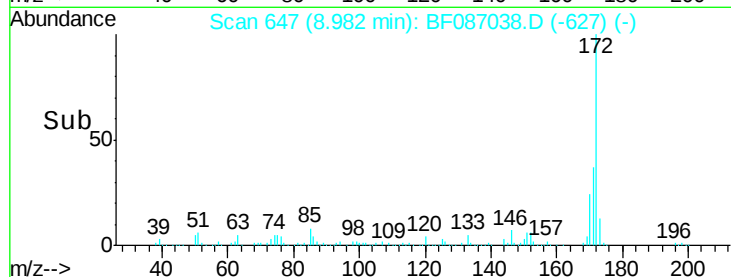
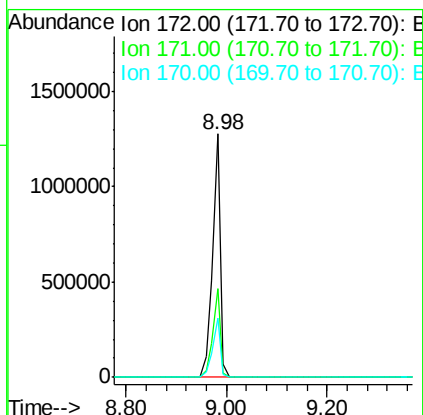
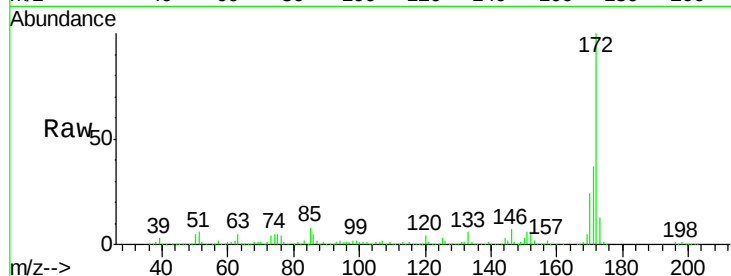




#44
 2-Fluorobiphenyl
 Concen: 86.70 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

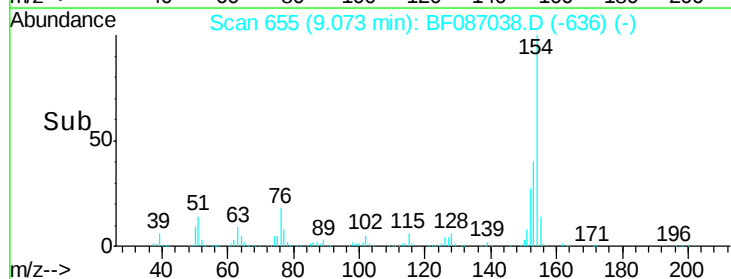
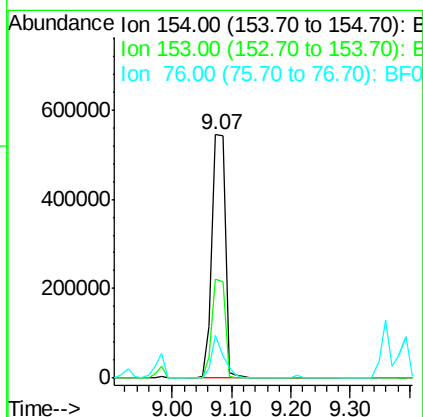
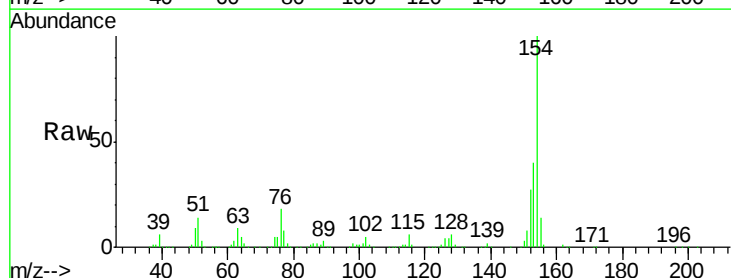
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

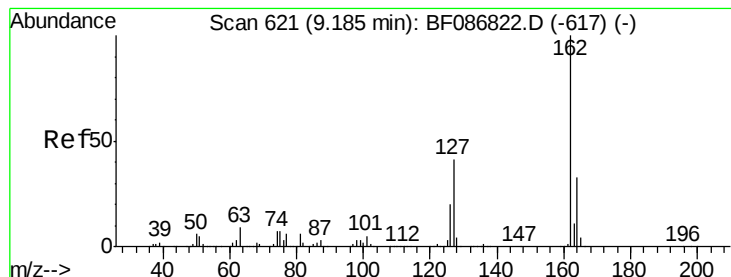
Tgt Ion:172 Resp: 1358948
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.5 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 40.44 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.09 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:154 Resp: 847292
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.3 60.3
 76 17.7 0.0 30.2





#46

2-Chloronaphthalene

Concen: 38.75 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

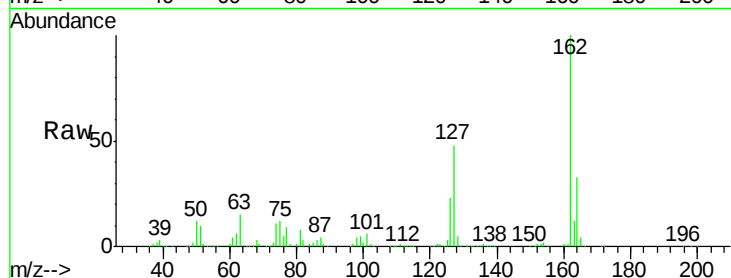
Tgt Ion: 162 Resp: 636193

Ion Ratio Lower Upper

162 100

127 48.1 31.8 47.6#

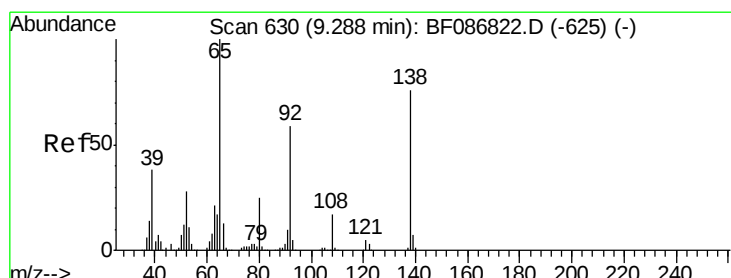
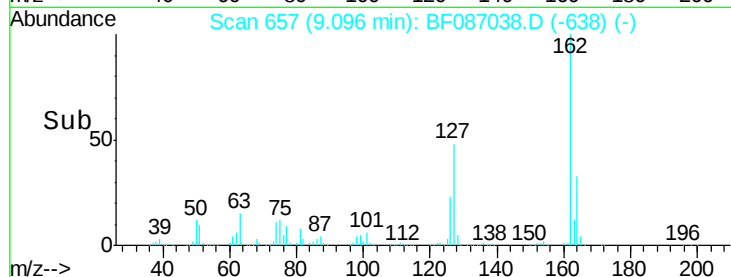
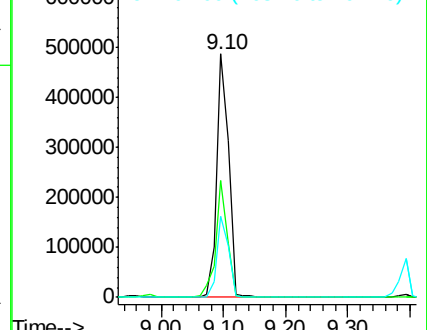
164 33.1 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 43.08 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

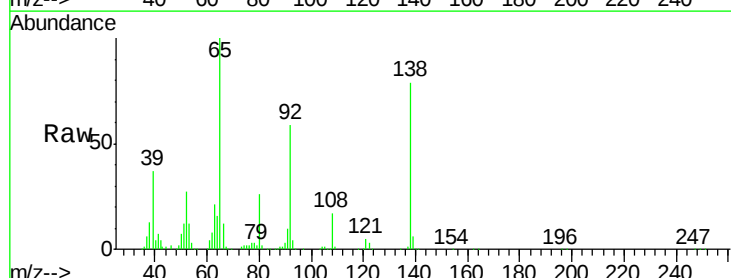
Tgt Ion: 65 Resp: 258453

Ion Ratio Lower Upper

65 100

92 59.0 57.4 86.2

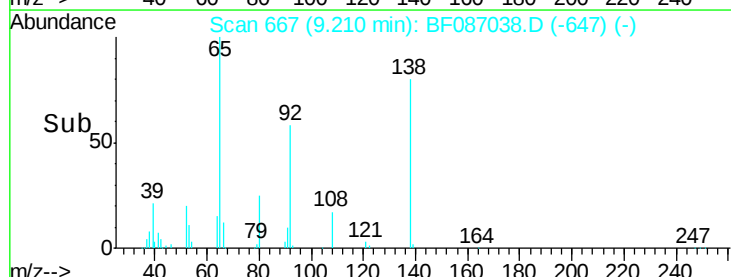
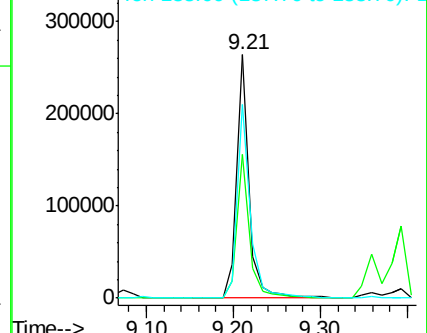
138 79.4 90.1 135.1#

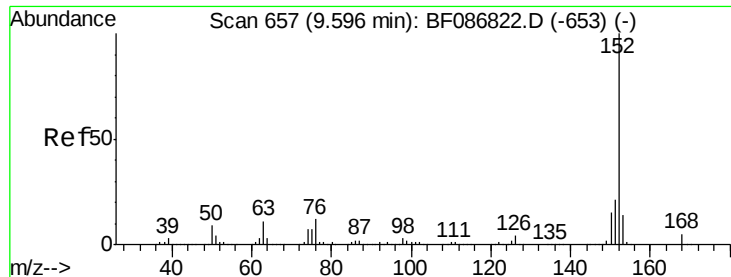


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 40.22 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

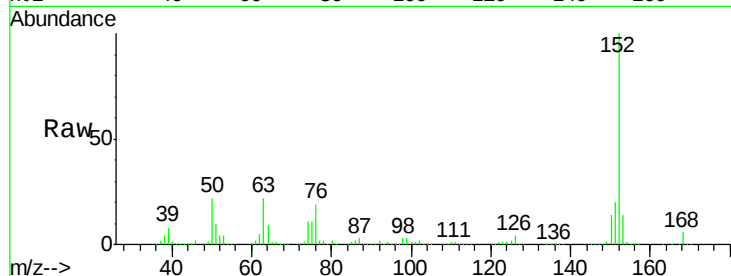
Tgt Ion:152 Resp: 971223

Ion Ratio Lower Upper

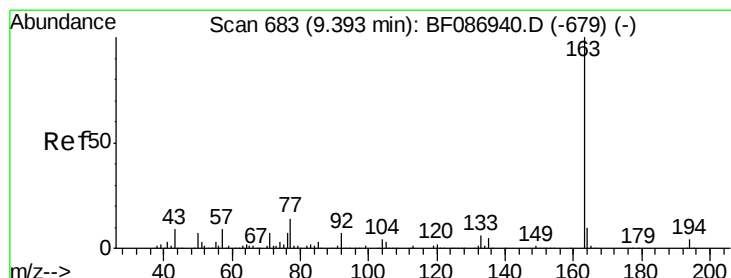
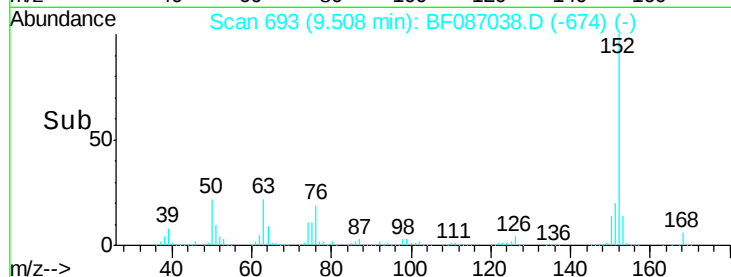
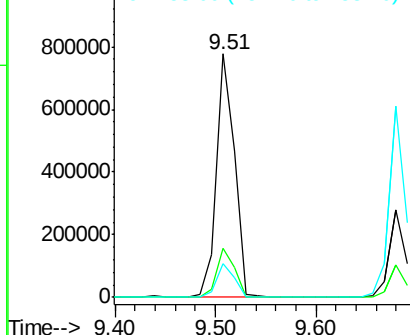
152 100

151 20.3 16.8 25.2

153 14.1 10.9 16.3



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



#49

Dimethylphthalate

Concen: 41.03 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

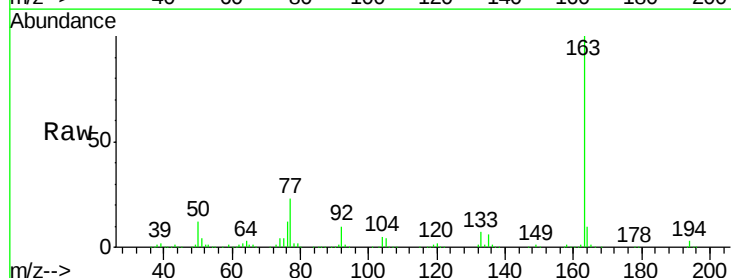
Tgt Ion:163 Resp: 824716

Ion Ratio Lower Upper

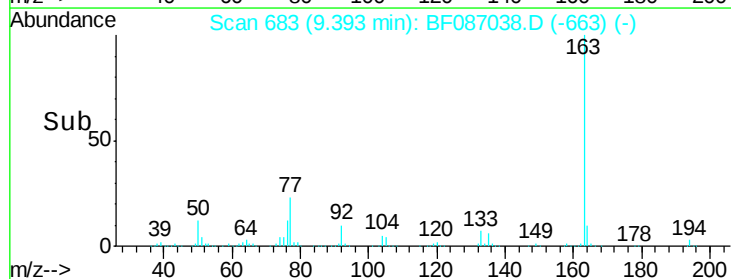
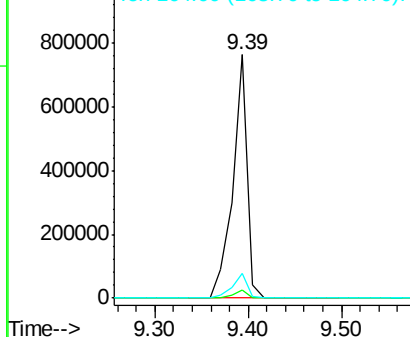
163 100

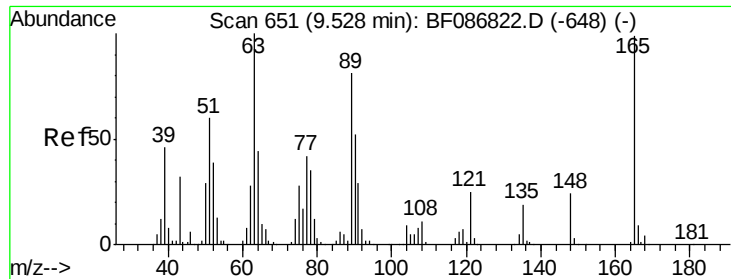
194 3.3 2.6 4.0

164 10.2 8.2 12.4



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

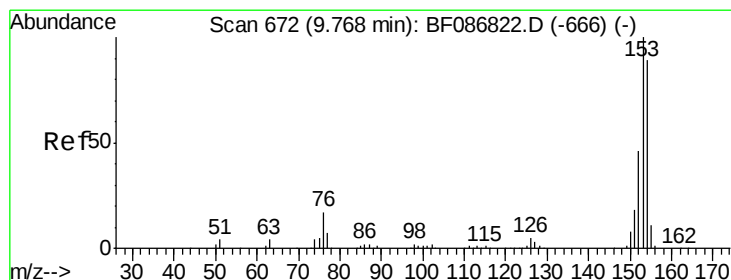
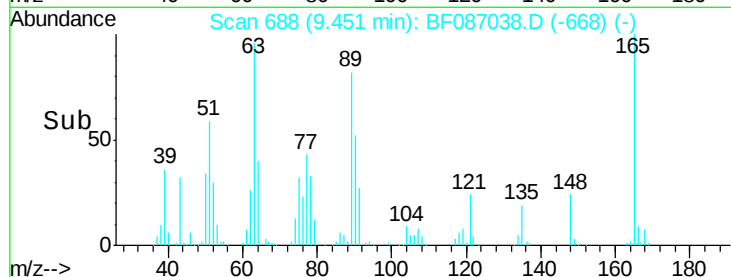
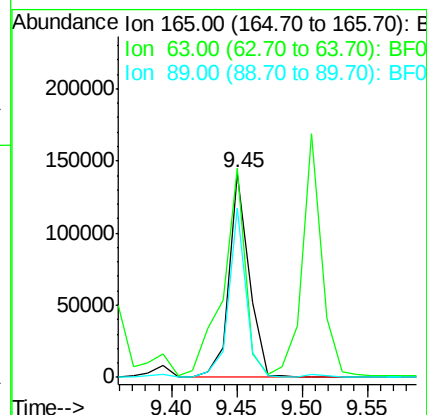
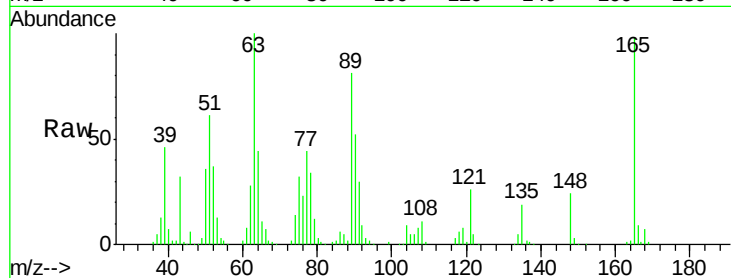




#50
 2,6-Dinitrotoluene
 Concen: 35.88 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

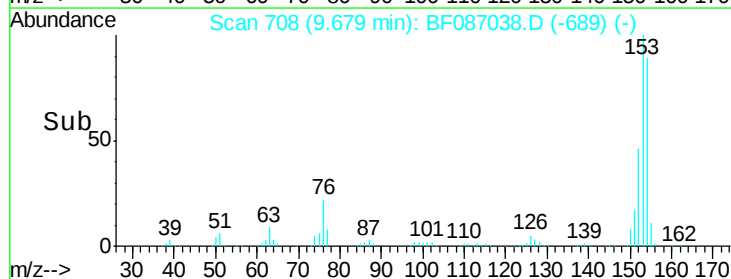
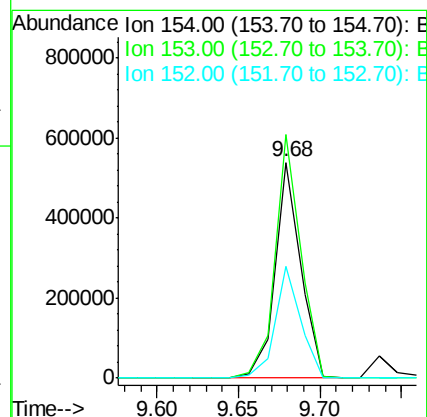
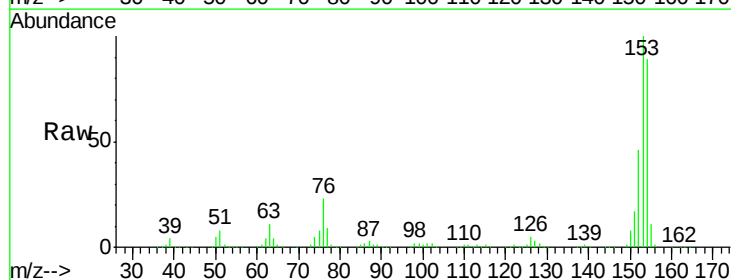
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

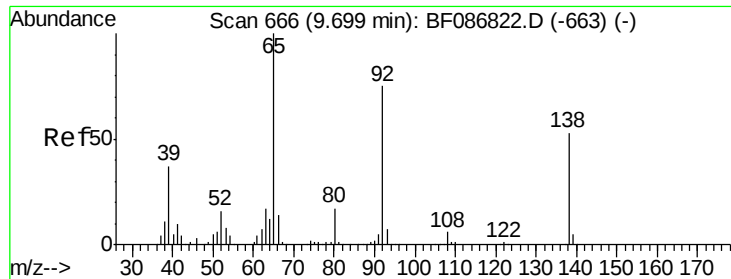
Tgt Ion:165 Resp: 151744
 Ion Ratio Lower Upper
 165 100
 63 102.4 51.8 77.8#
 89 82.8 50.7 76.1#



#51
 Acenaphthene
 Concen: 39.37 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.09 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:154 Resp: 591387
 Ion Ratio Lower Upper
 154 100
 153 112.9 89.8 134.6
 152 52.1 43.4 65.0

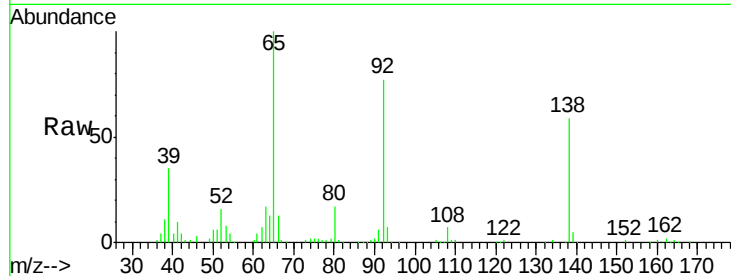




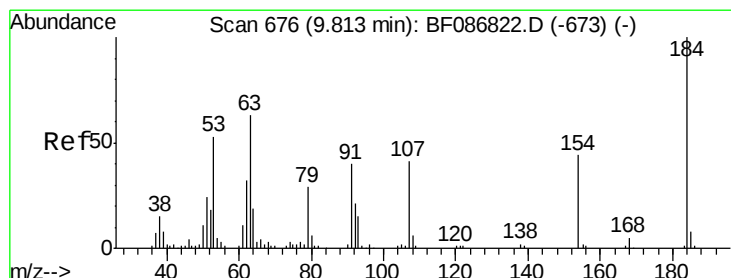
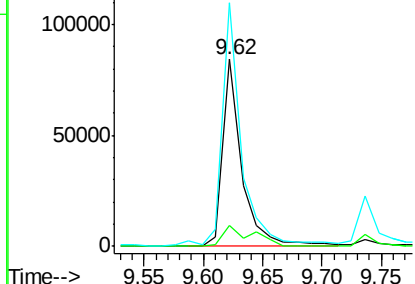
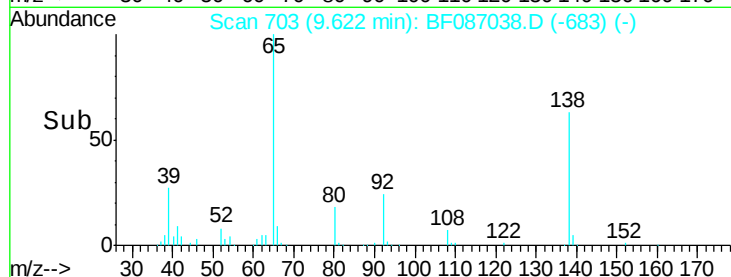
#52
3-Nitroaniline
Concen: 21.16 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.08 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion:138 Resp: 94239
Ion Ratio Lower Upper
138 100
108 11.3 7.8 11.6
92 130.2 87.8 131.8

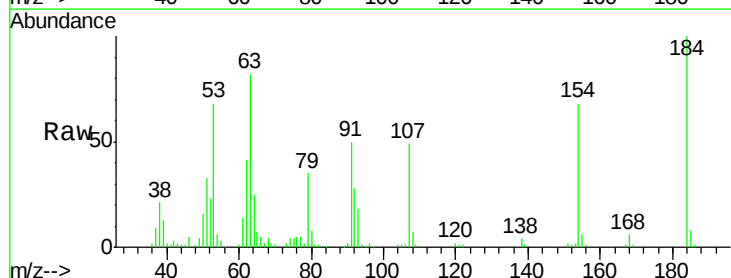


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

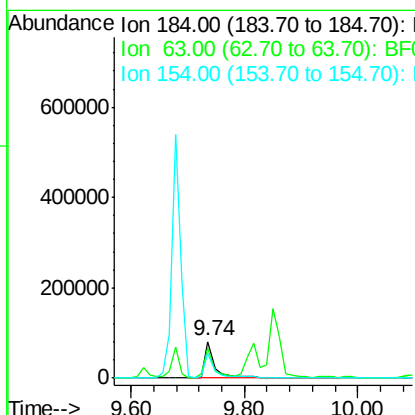
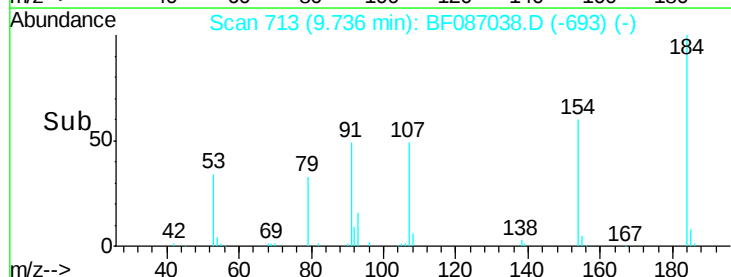


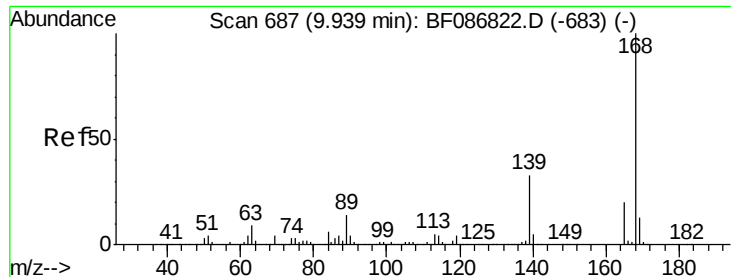
#53
2,4-Dinitrophenol
Concen: 49.51 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion:184 Resp: 100001
Ion Ratio Lower Upper
184 100
63 82.3 55.8 83.8
154 67.7 62.4 93.6



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





#54

Dibenzofuran

Concen: 45.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

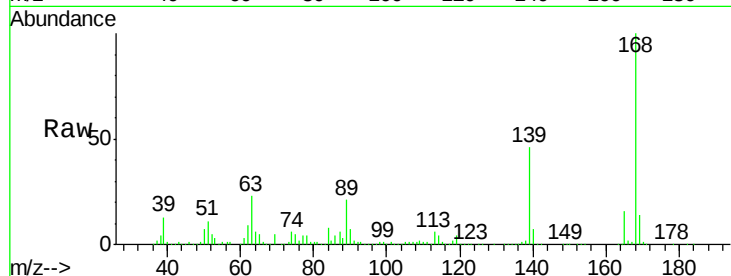
Tgt Ion:168 Resp: 867664

Ion Ratio Lower Upper

168 100

139 46.2 31.4 47.0

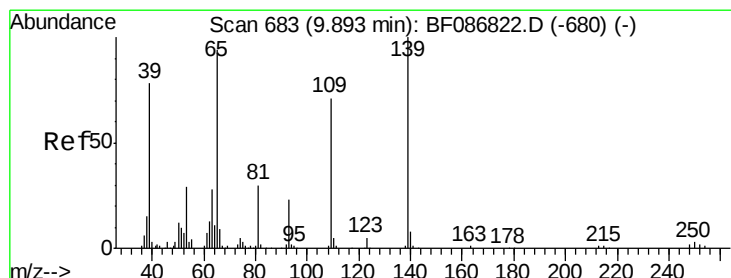
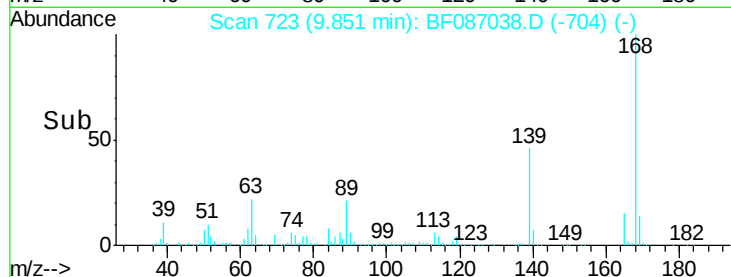
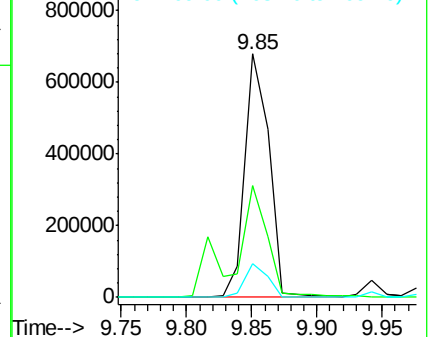
169 14.0 10.7 16.1



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: 187.69 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

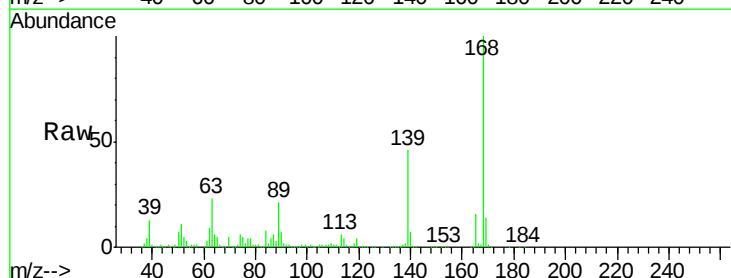
Tgt Ion:139 Resp: 576614

Ion Ratio Lower Upper

139 100

109 4.7 36.9 76.9#

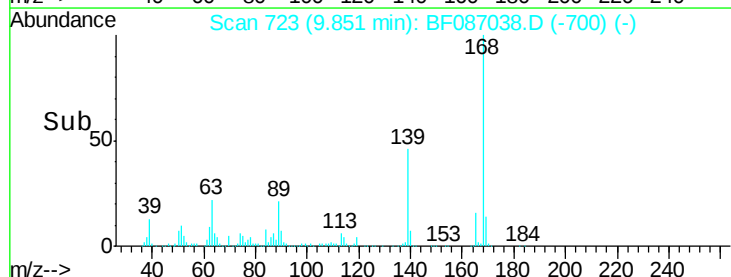
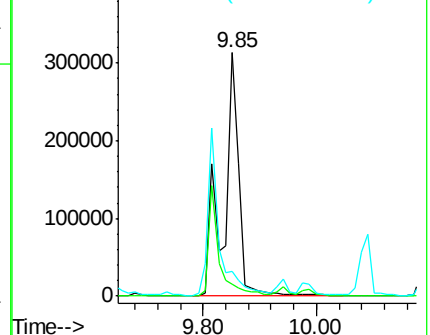
65 10.0 64.0 104.0#

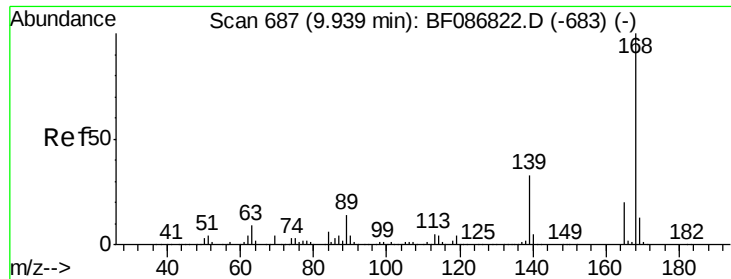


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

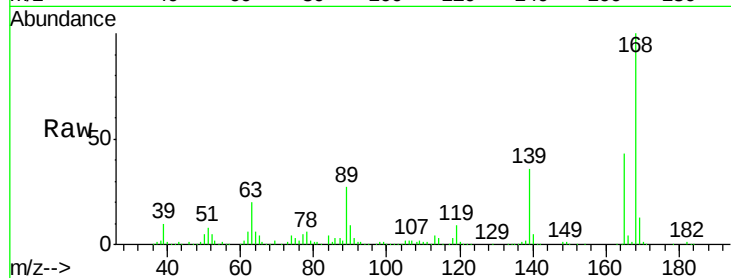




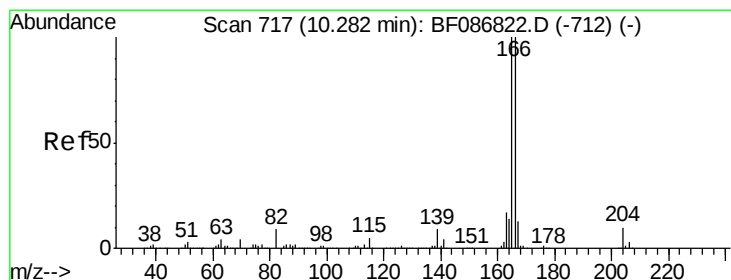
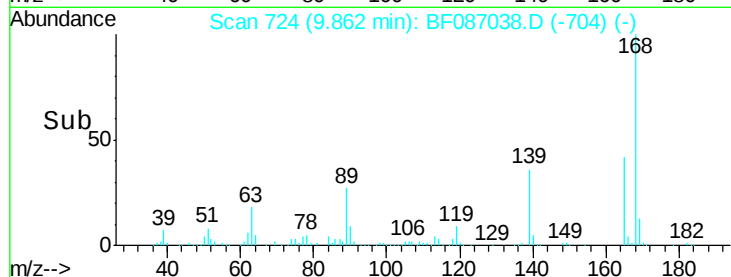
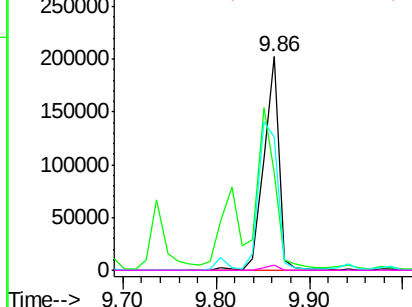
#56
2,4-Dinitrotoluene
Concen: 44.36 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion:165 Resp: 232226
Ion Ratio Lower Upper
165 100
63 45.3 44.3 66.5
89 62.6 70.0 105.0#
182 2.5 1.8 2.6

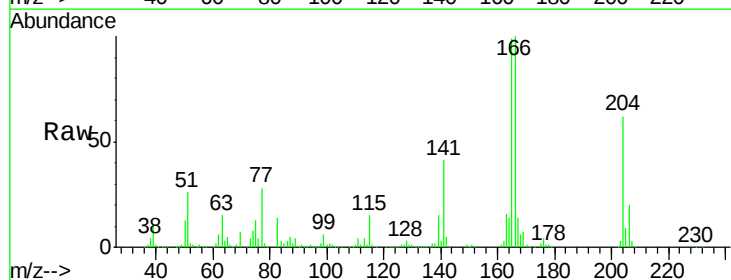


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

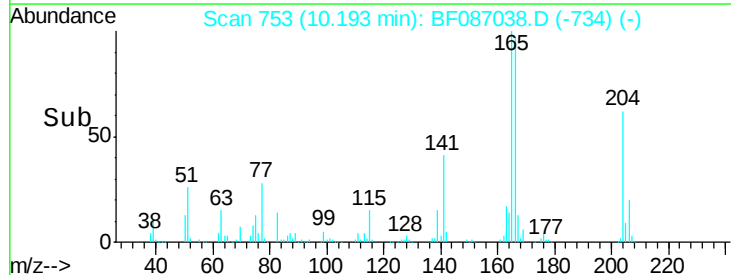
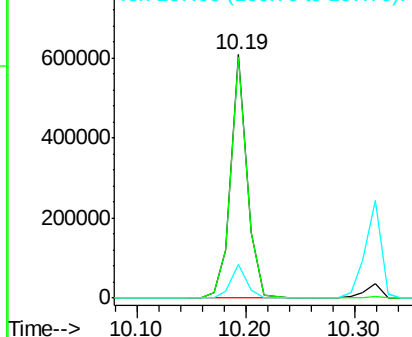


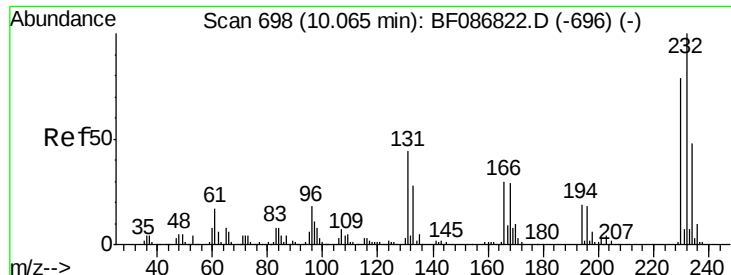
#57
Fluorene
Concen: 38.52 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion:166 Resp: 633503
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

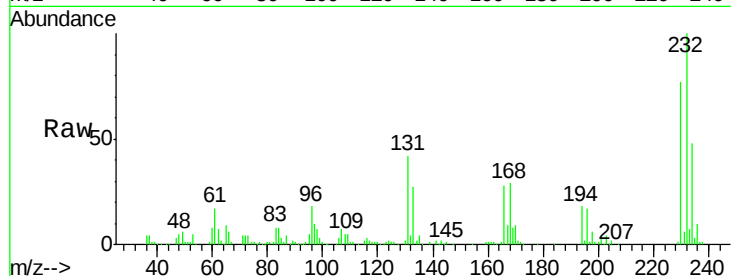




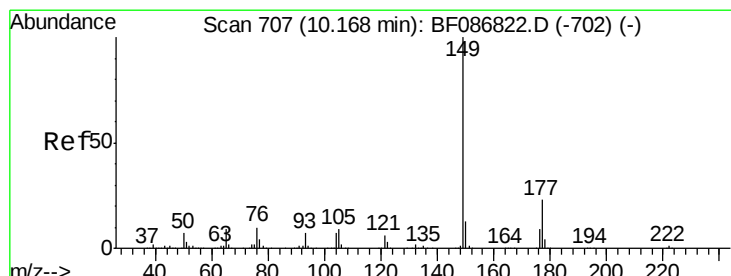
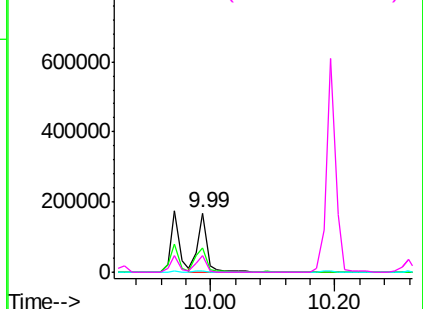
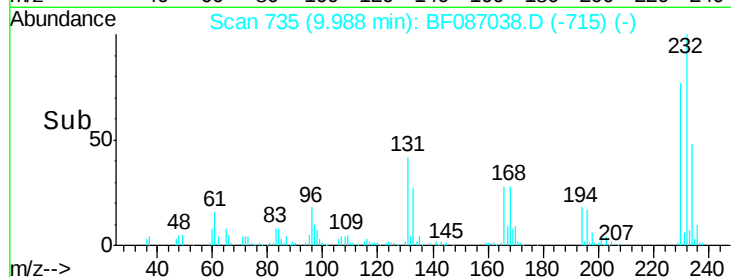
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.44 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion: 232 Resp: 181209
 Ion Ratio Lower Upper
 232 100
 131 49.8 41.9 62.9
 130 2.5 2.2 3.4
 166 30.0 26.8 40.2

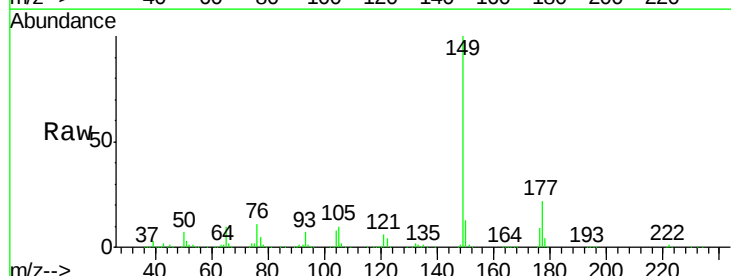


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

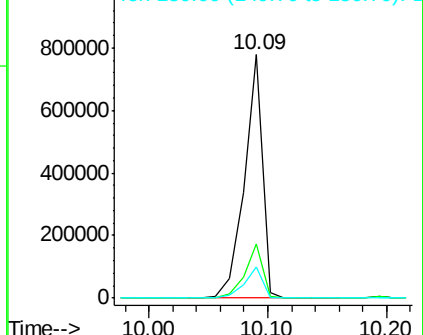
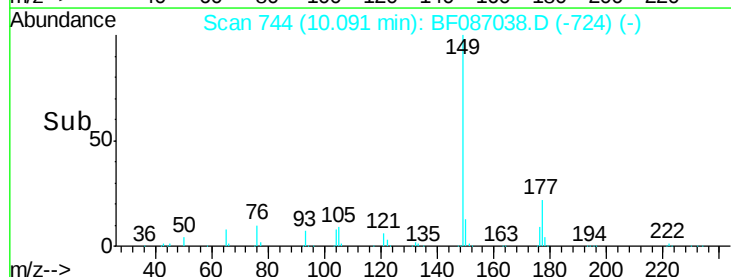


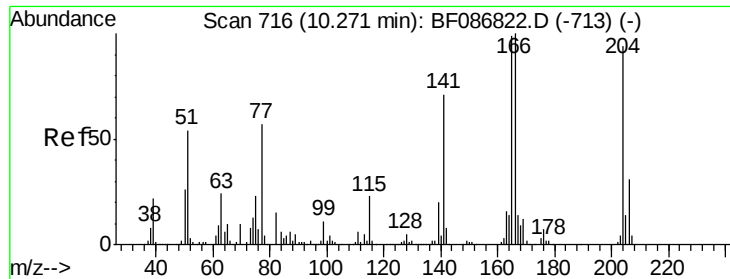
#59
 Diethylphthalate
 Concen: 42.23 ng
 RT: 10.09 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion: 149 Resp: 827190
 Ion Ratio Lower Upper
 149 100
 177 22.3 16.6 24.8
 150 12.6 10.0 15.0



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

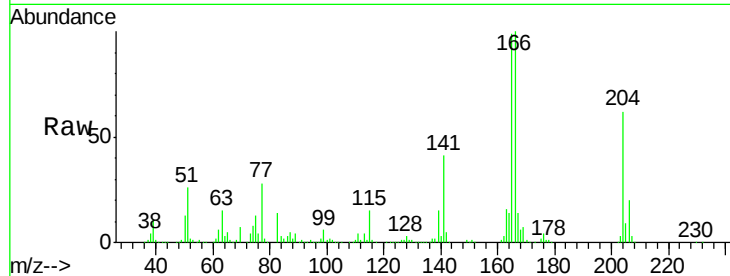




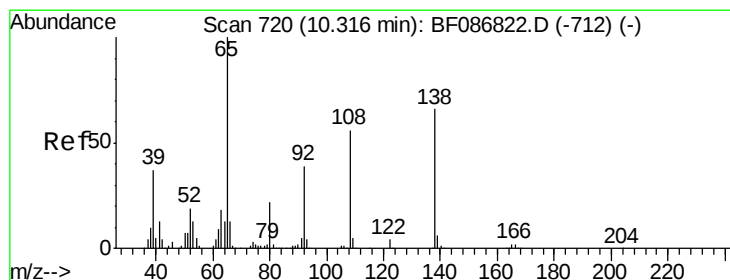
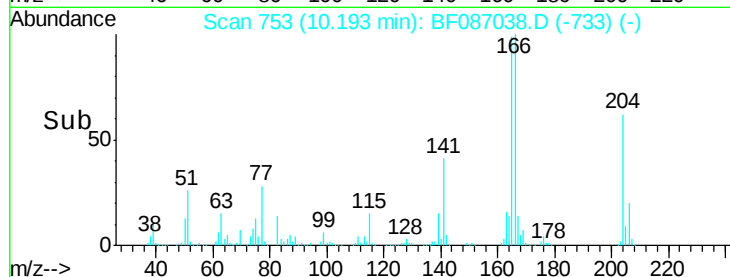
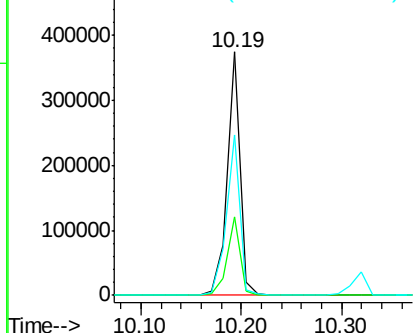
#60
 4-Chlorophenyl-phenylether
 Concen: 46.87 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion: 204 Resp: 331892
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.4 38.0
 141 66.1 61.6 92.4

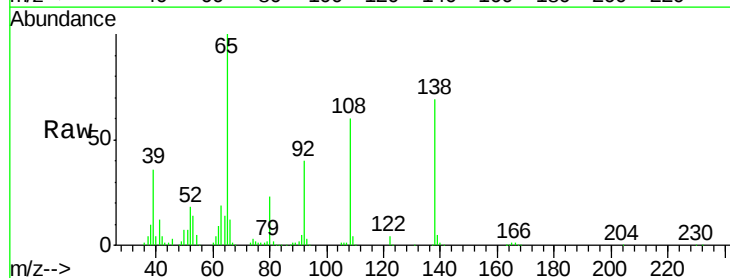


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

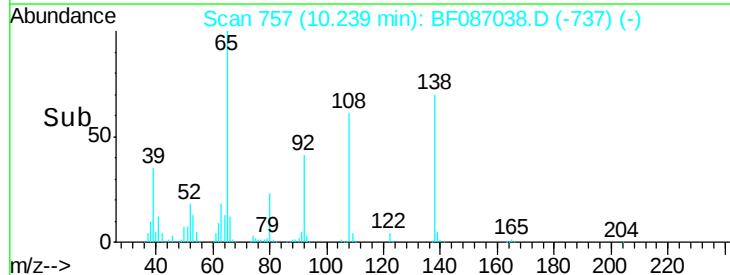
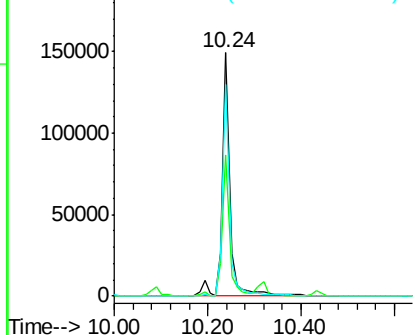


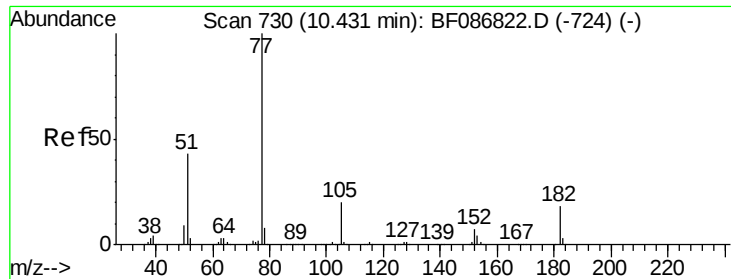
#61
 4-Nitroaniline
 Concen: 39.79 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion: 138 Resp: 170166
 Ion Ratio Lower Upper
 138 100
 92 58.2 24.7 64.7
 108 87.1 37.4 77.4#



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: 46.92 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

Tgt Ion: 77 Resp: 991352

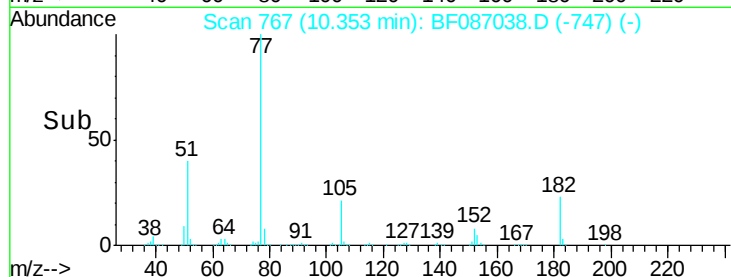
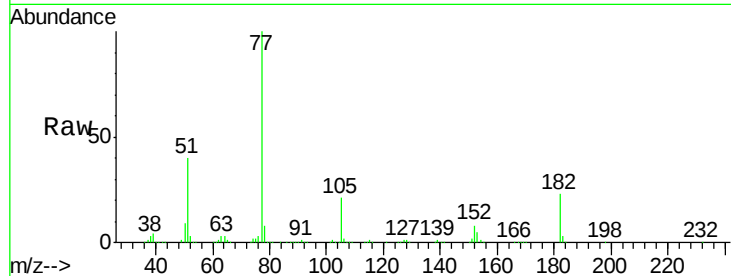
Ion Ratio Lower Upper

77 100

182 22.6 0.0 38.8

105 21.4 3.2 43.2

51 40.1 8.8 48.8

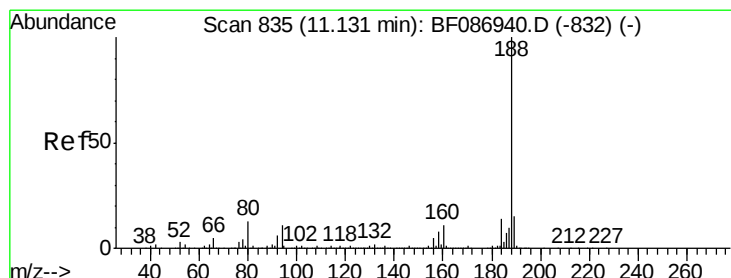
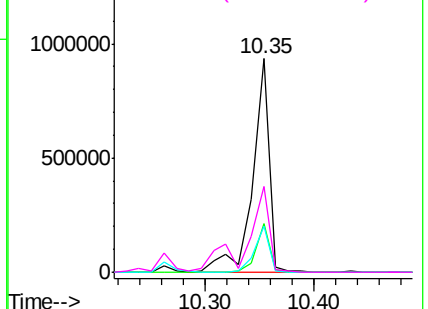


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

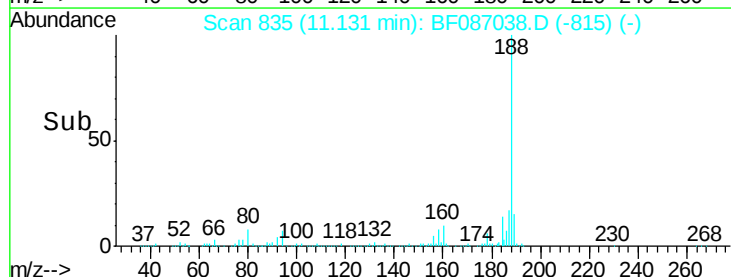
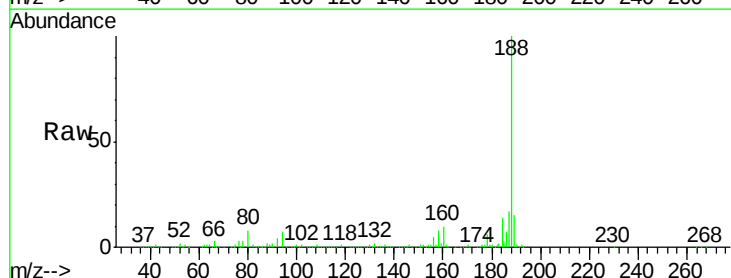
Tgt Ion: 188 Resp: 498724

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

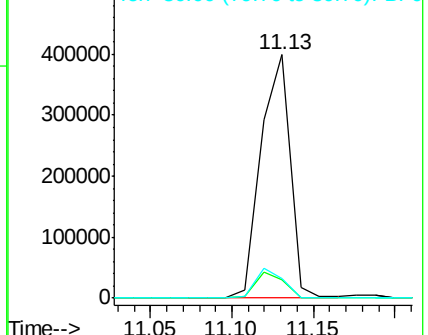
80 8.0 7.1 10.7

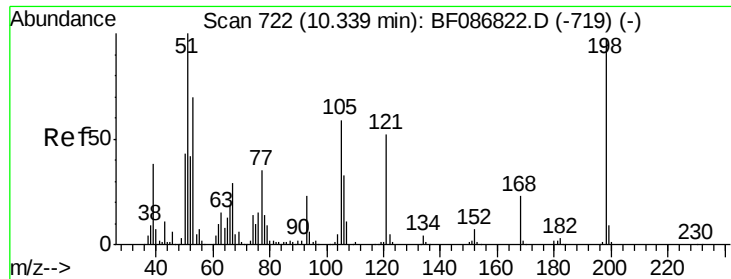


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 29.25 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

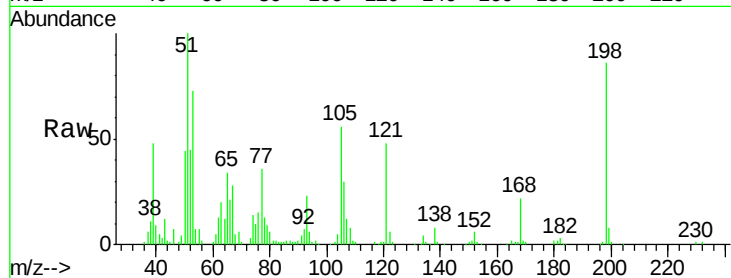
Tgt Ion:198 Resp: 90624

Ion Ratio Lower Upper

198 100

51 116.4 20.5 60.5#

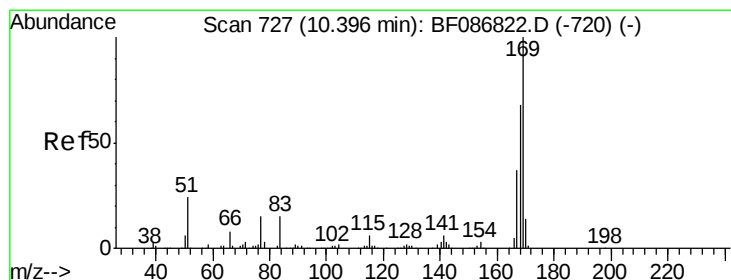
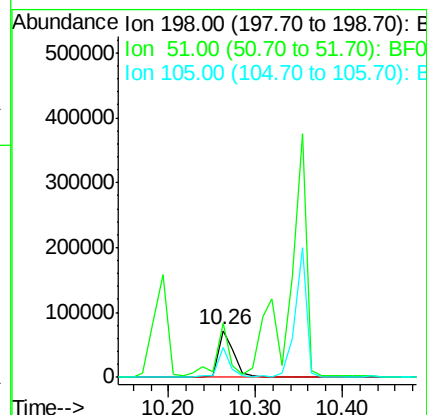
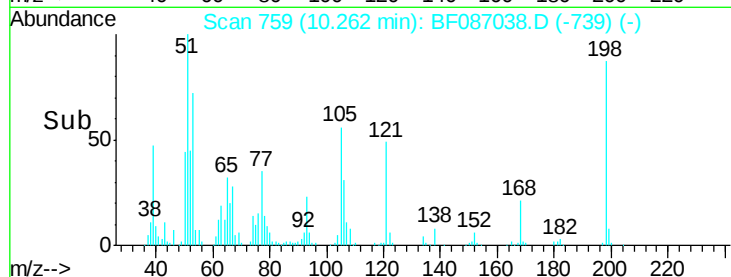
105 65.0 24.5 64.5#



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: 43.72 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

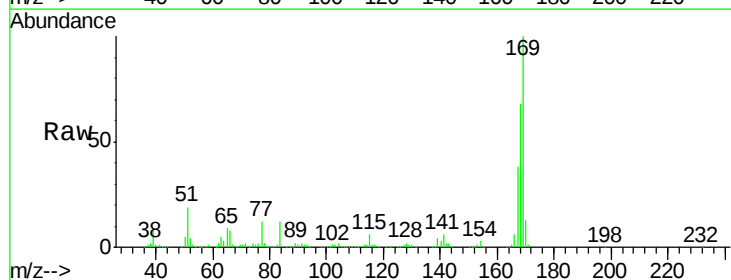
Tgt Ion:169 Resp: 669868

Ion Ratio Lower Upper

169 100

168 68.2 53.8 80.6

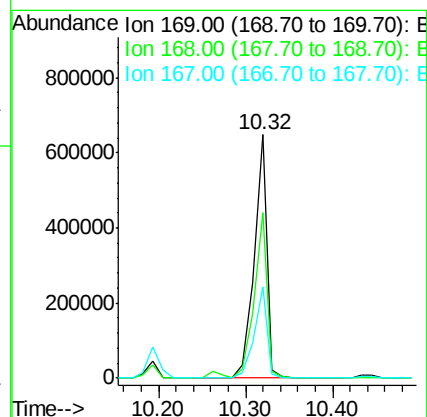
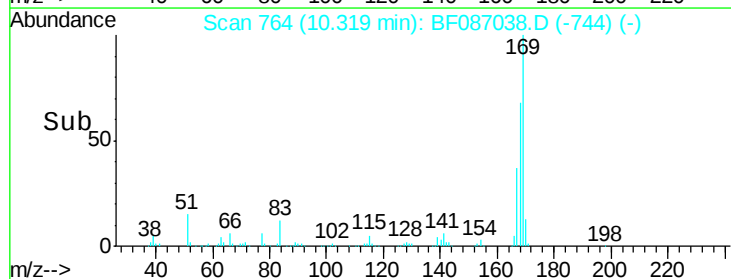
167 37.6 29.5 44.3

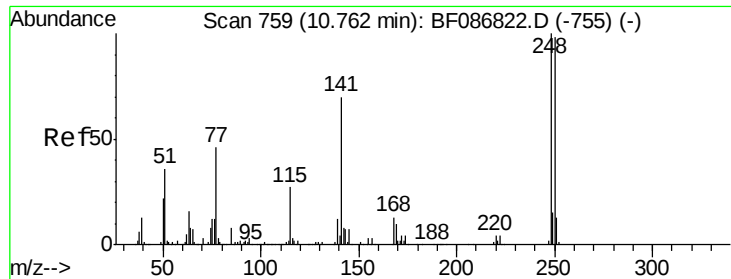


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

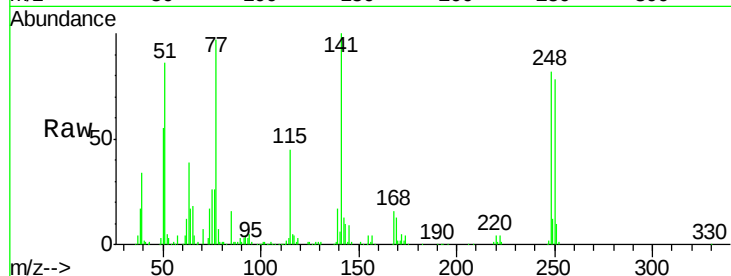




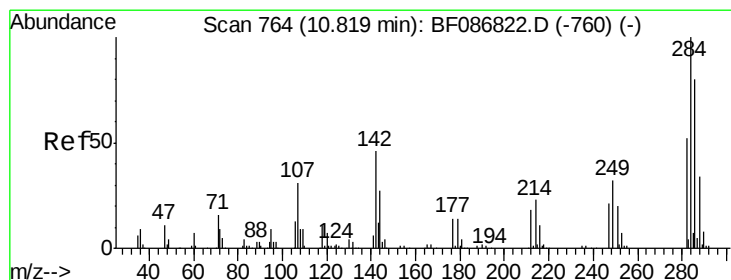
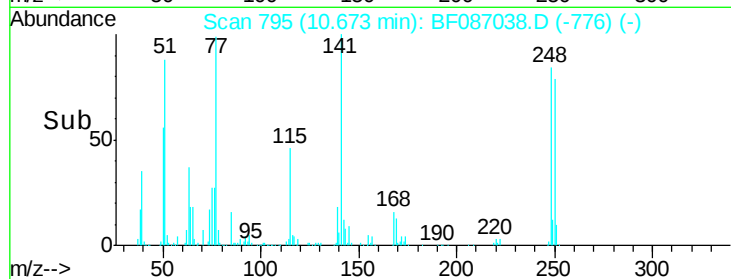
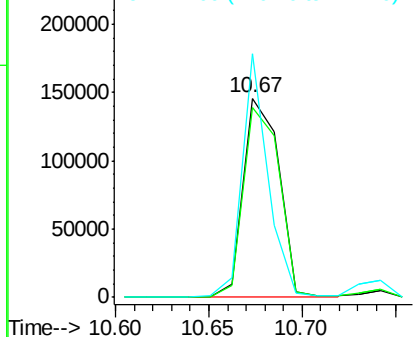
#66
 4-Bromophenyl-phenylether
 Concen: 38.39 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.09 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion:248 Resp: 194110
 Ion Ratio Lower Upper
 248 100
 250 95.2 78.6 117.8
 141 122.1 76.0 114.0#

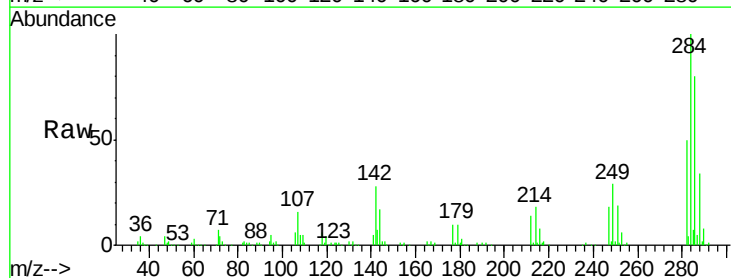


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

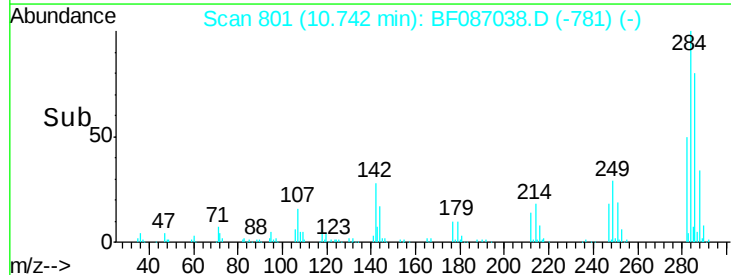
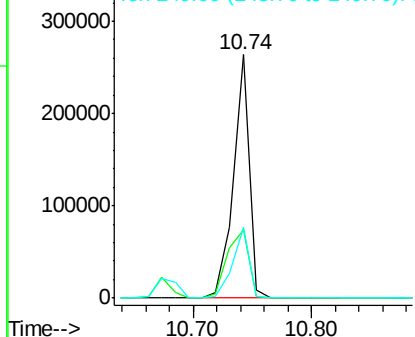


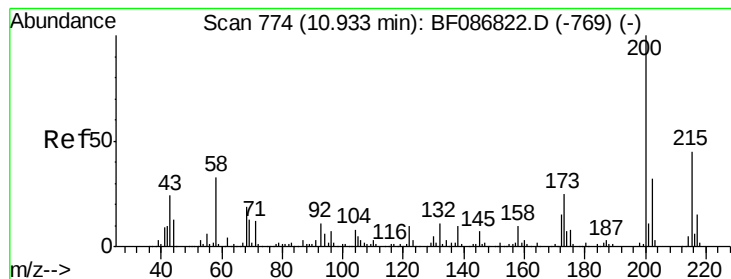
#67
 Hexachlorobenzene
 Concen: 41.56 ng
 RT: 10.74 min Scan# 801
 Delta R.T. -0.08 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:284 Resp: 245583
 Ion Ratio Lower Upper
 284 100
 142 28.1 16.7 25.1#
 249 29.0 21.3 31.9



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: 41.47 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

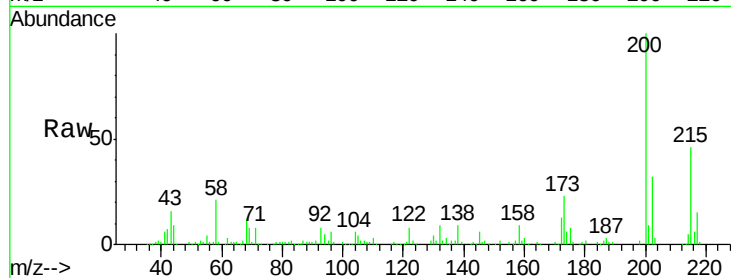
Tgt Ion:200 Resp: 212245

Ion Ratio Lower Upper

200 100

173 22.6 8.5 48.5

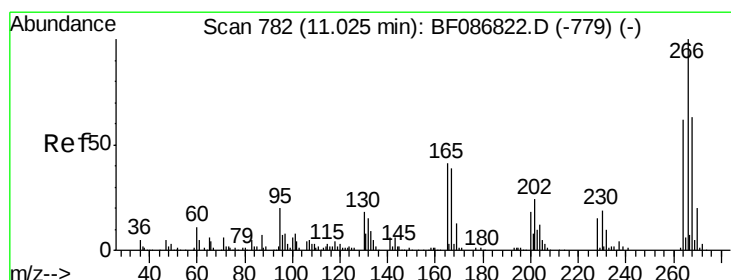
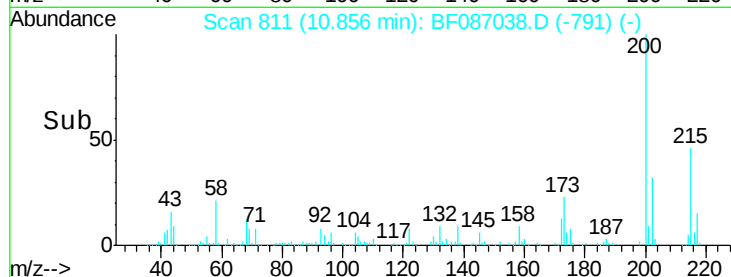
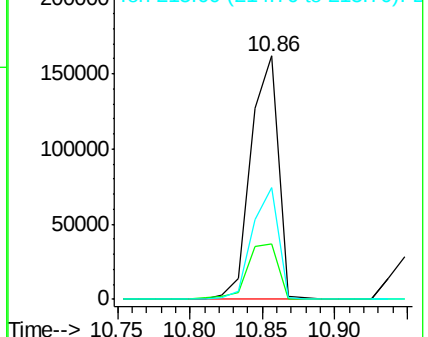
215 46.0 27.2 67.2



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: 72.99 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

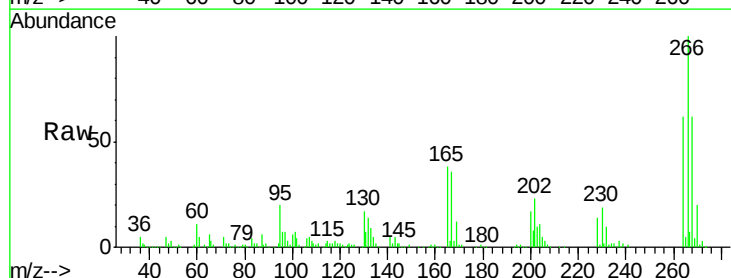
Tgt Ion:266 Resp: 199339

Ion Ratio Lower Upper

266 100

268 62.0 51.5 77.3

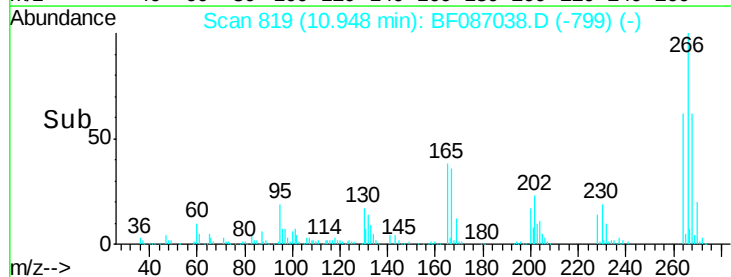
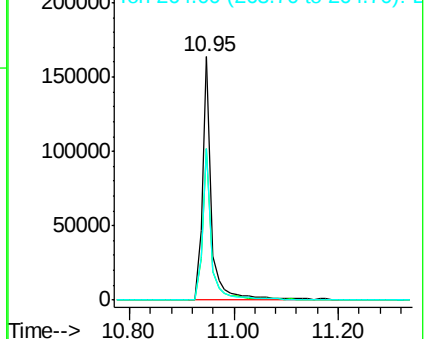
264 62.1 52.9 79.3

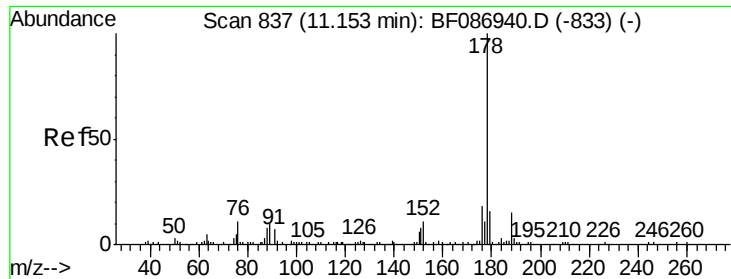


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

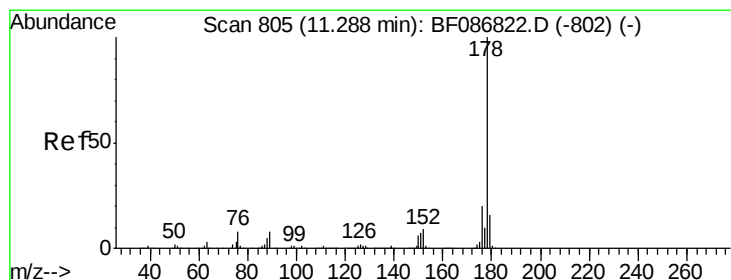
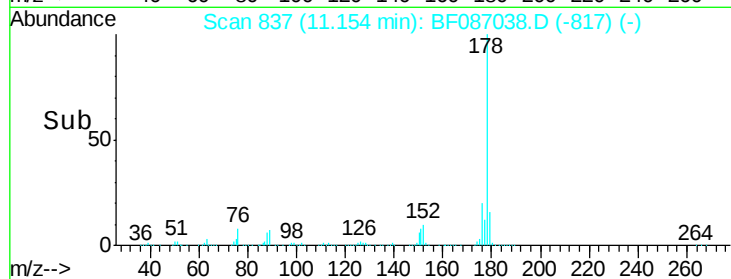
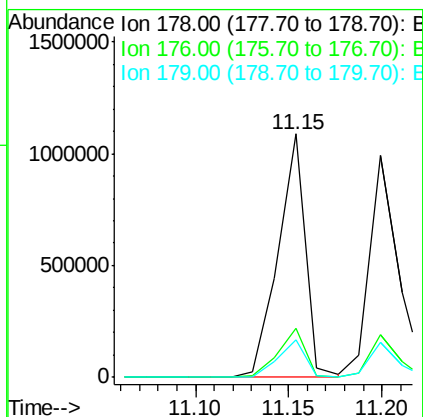
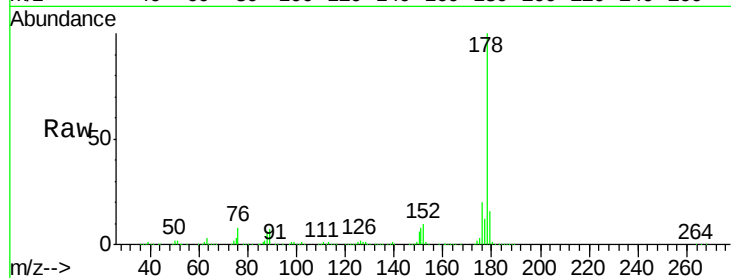




#70
Phenanthrene
Concen: 41.47 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.08 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

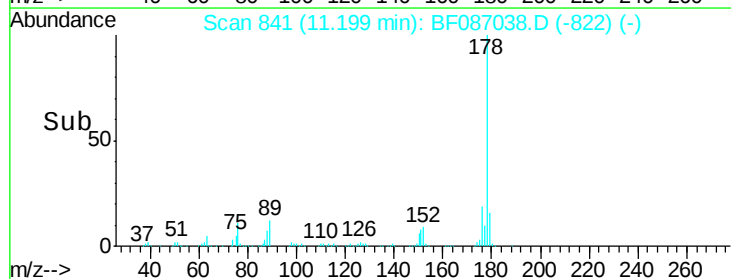
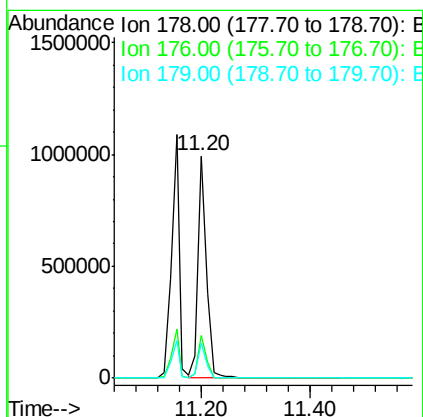
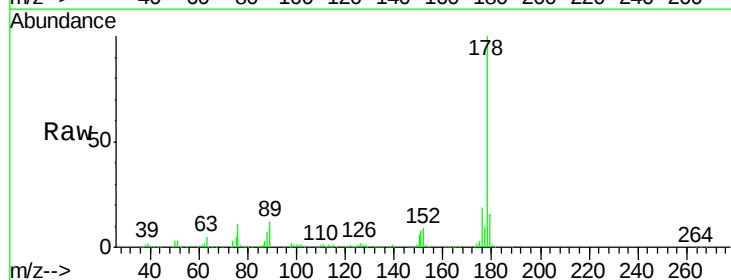
Instrument :
BNA_F
ClientSampleId :
PB90490BSD

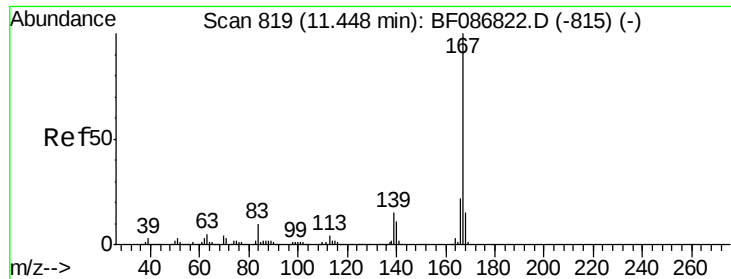
Tgt Ion:178 Resp: 1103786
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.6 12.6 18.8



#71
Anthracene
Concen: 38.76 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion:178 Resp: 1054956
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.0 12.7 19.1





#72

Carbazole

Concen: 43.46 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

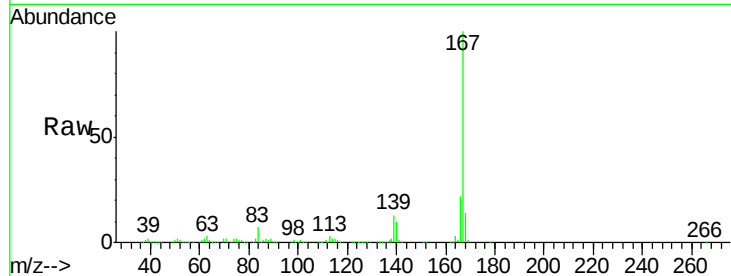
Tgt Ion:167 Resp: 1016851

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

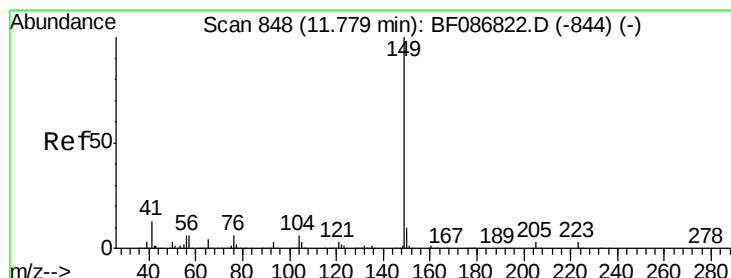
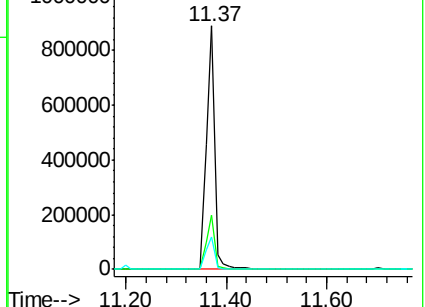
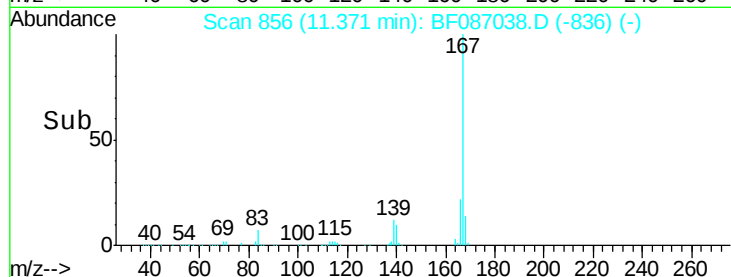
139 13.1 10.8 16.2



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: 42.75 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

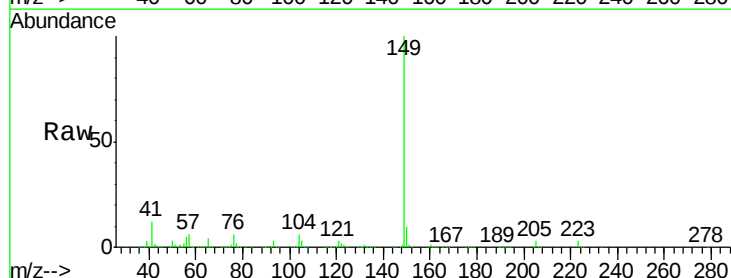
Tgt Ion:149 Resp: 1221487

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

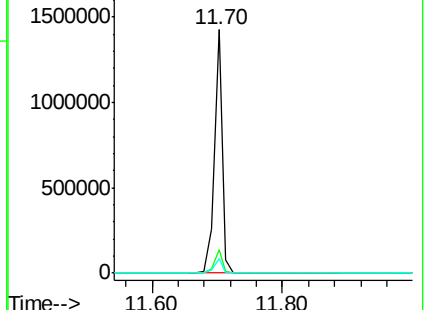
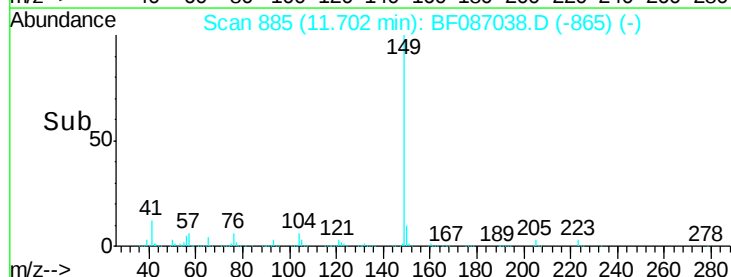
104 5.9 3.8 5.6#

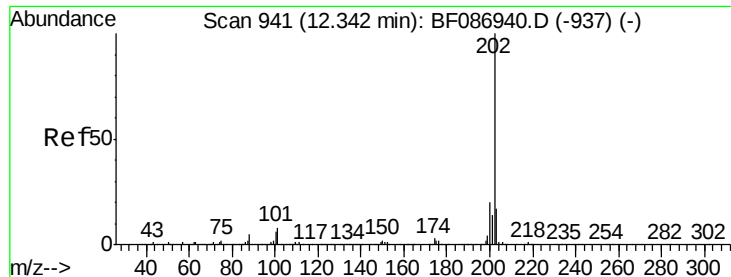


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.81 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

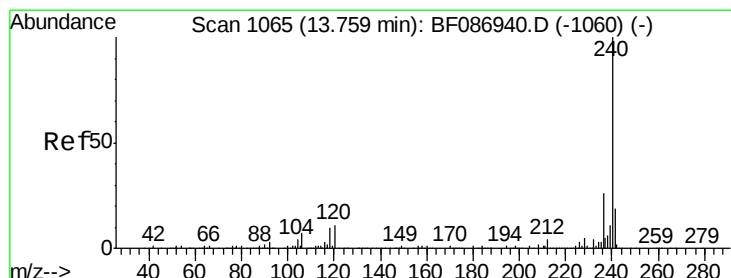
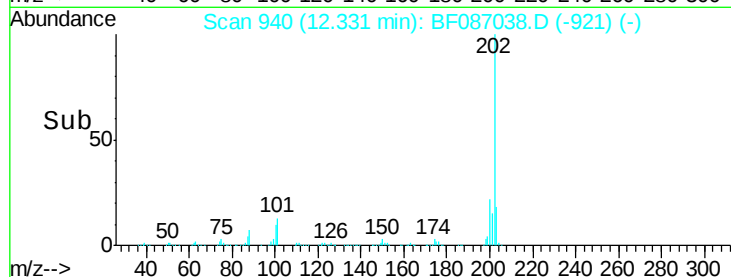
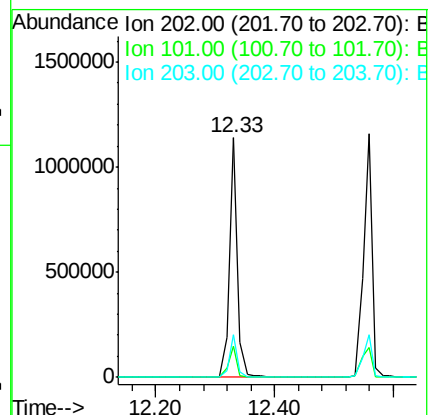
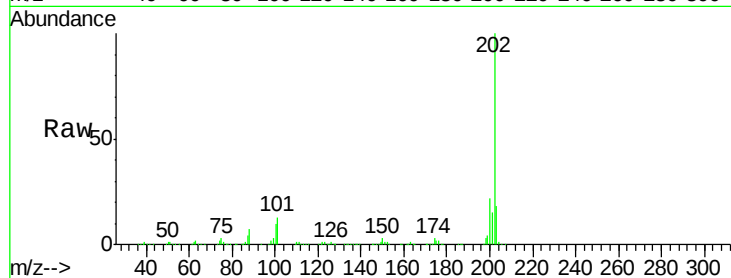
Tgt Ion:202 Resp: 1062313

Ion Ratio Lower Upper

202 100

101 13.1 0.0 35.4

203 18.0 0.0 38.1



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

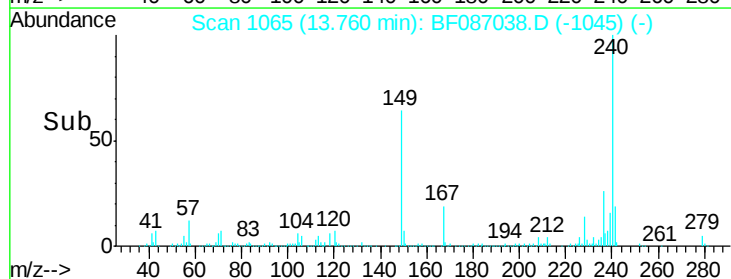
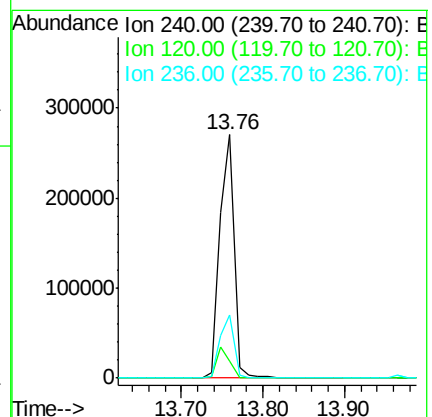
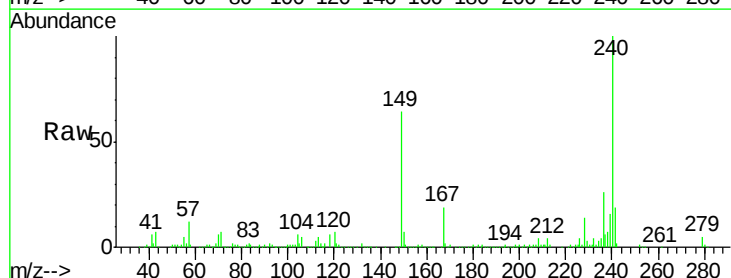
Tgt Ion:240 Resp: 331169

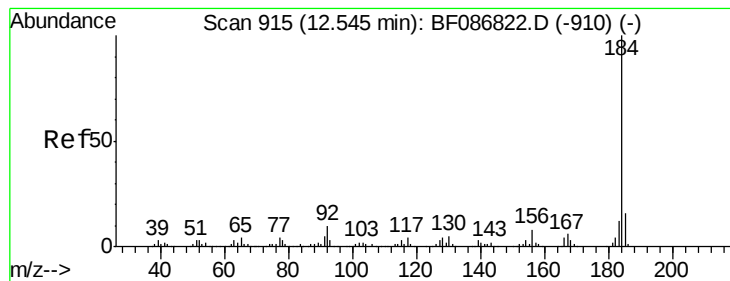
Ion Ratio Lower Upper

240 100

120 6.9 11.2 16.8#

236 25.9 21.2 31.8





#76

Benzidine

Concen: 28.42 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

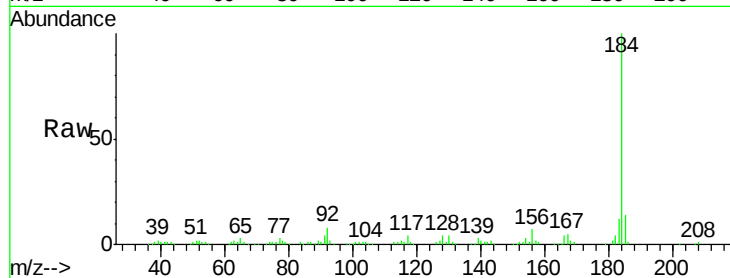
Tgt Ion:184 Resp: 239930

Ion Ratio Lower Upper

184 100

185 14.4 13.6 20.4

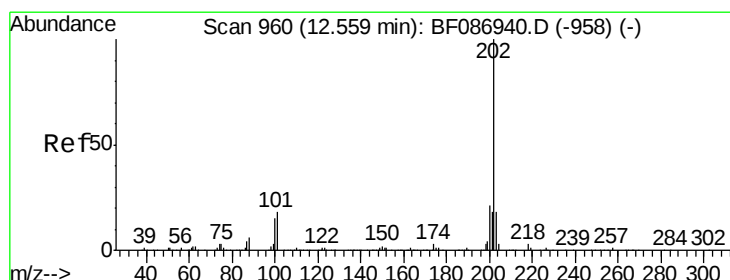
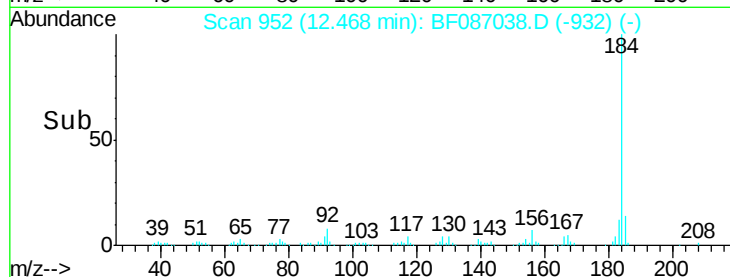
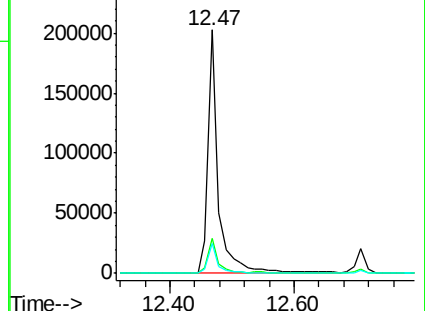
183 12.0 9.8 14.6



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: 46.21 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

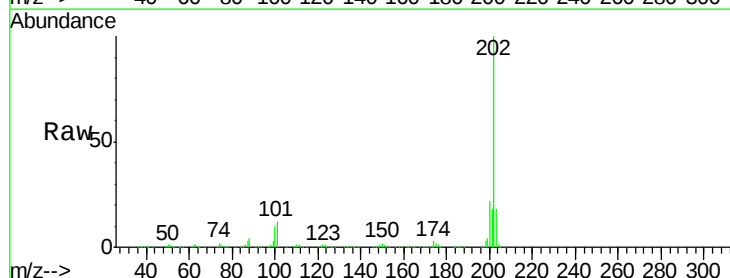
Tgt Ion:202 Resp: 1171644

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

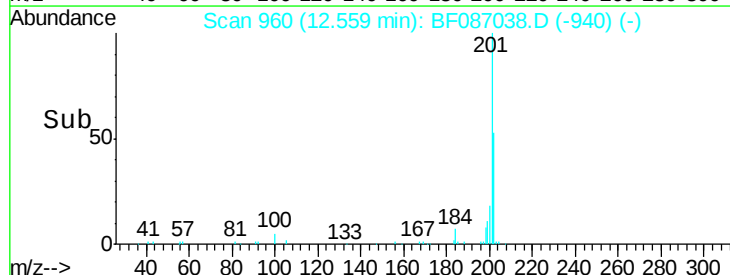
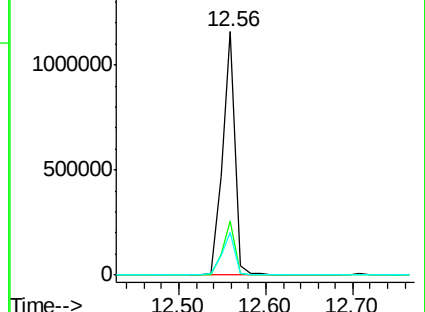
203 17.7 14.2 21.4

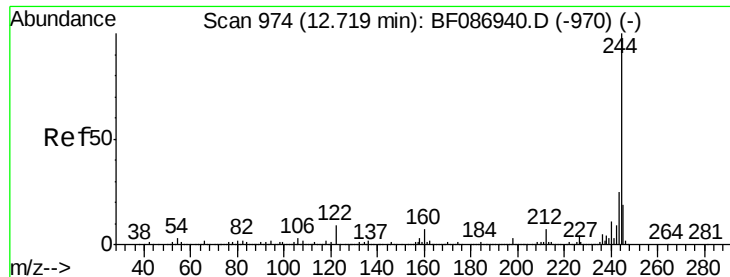


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.08 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

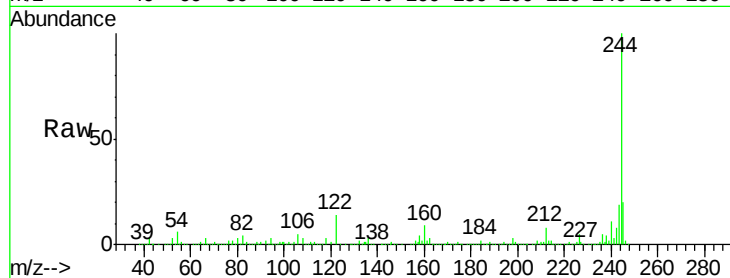
Tgt Ion:244 Resp: 1249857

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

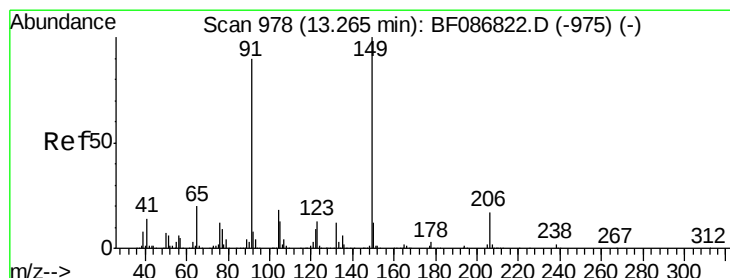
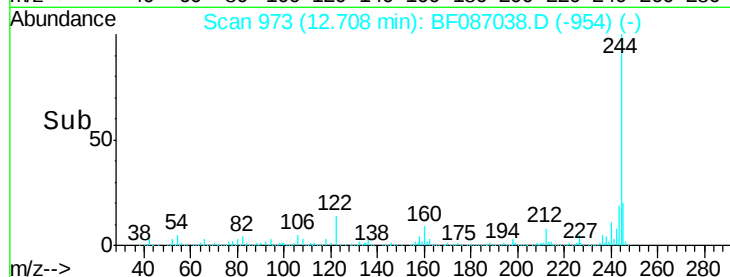
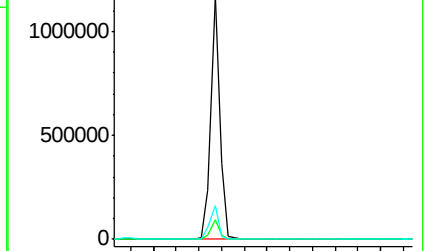
122 14.0 12.0 18.0



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: 45.24 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

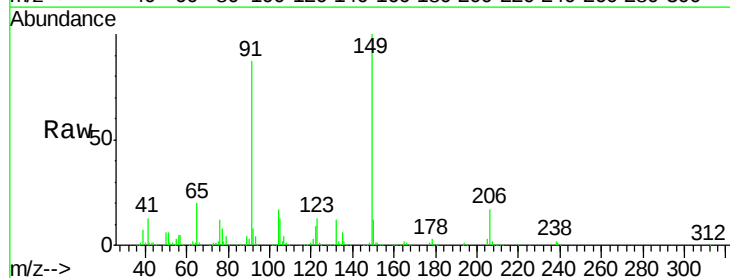
Tgt Ion:149 Resp: 485132

Ion Ratio Lower Upper

149 100

91 87.2 48.0 72.0#

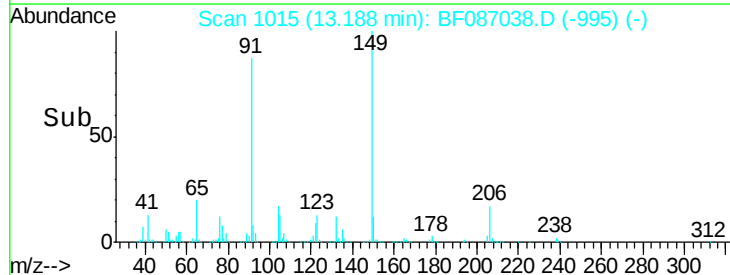
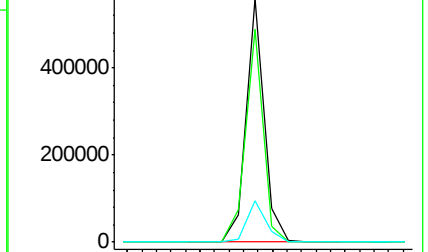
206 16.7 15.8 23.6

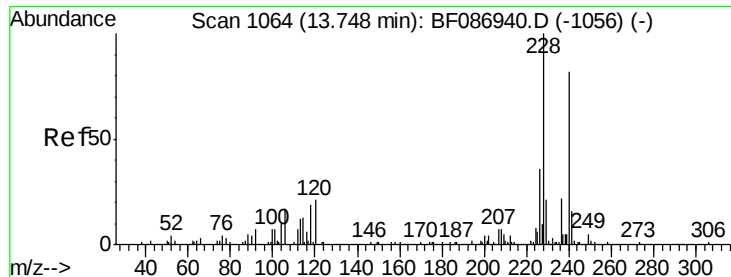


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.50 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

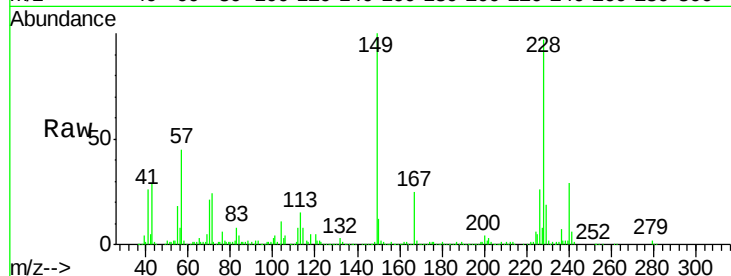
Tgt Ion:228 Resp: 827250

Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

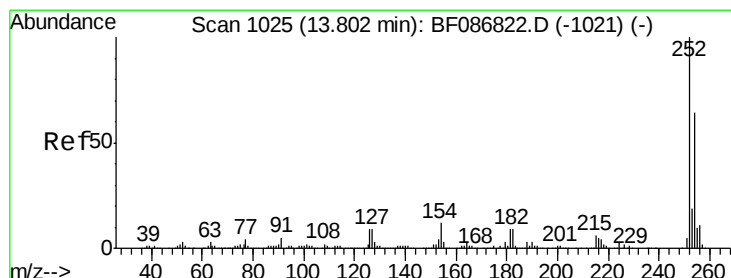
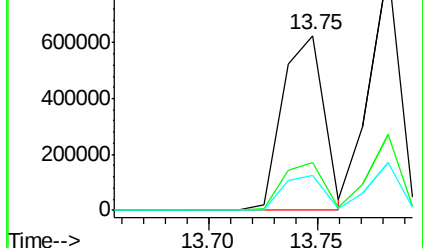
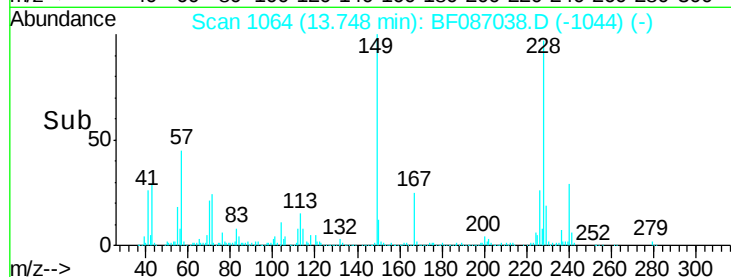
229 19.7 16.6 25.0



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: 12.82 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

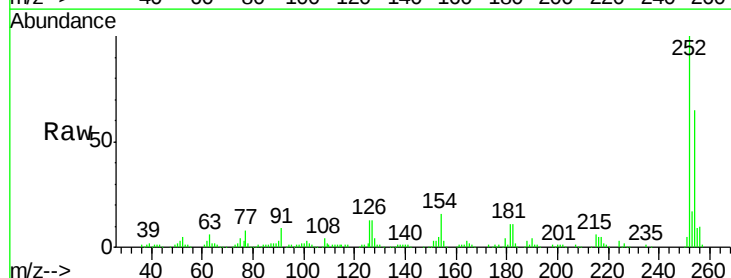
Tgt Ion:252 Resp: 151478

Ion Ratio Lower Upper

252 100

254 65.1 50.7 76.1

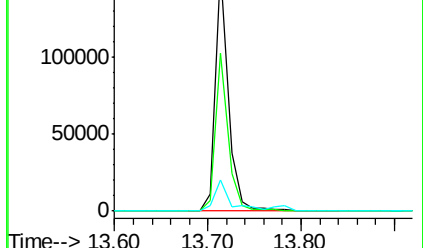
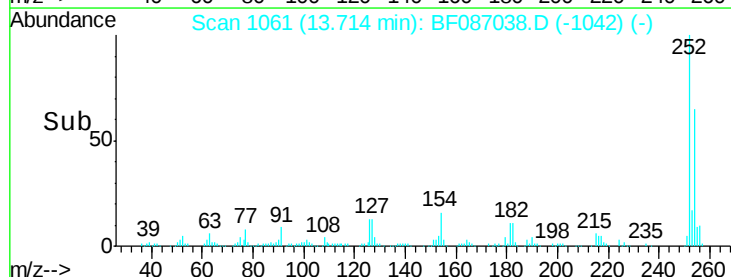
126 13.0 12.7 19.1

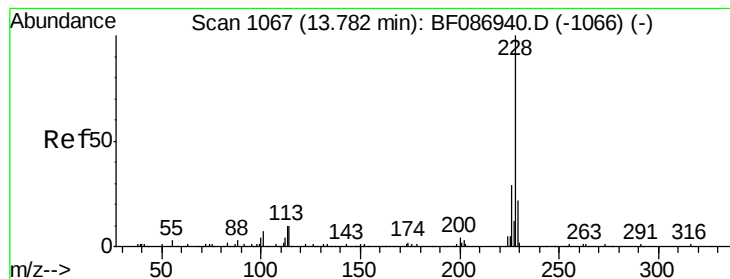


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.34 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

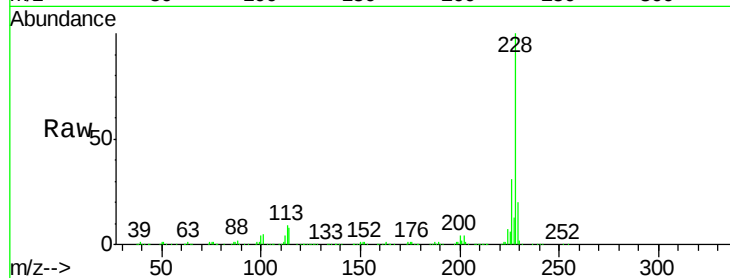
Tgt Ion: 228 Resp: 857345

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

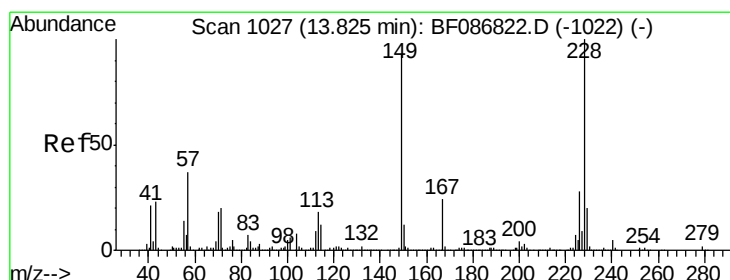
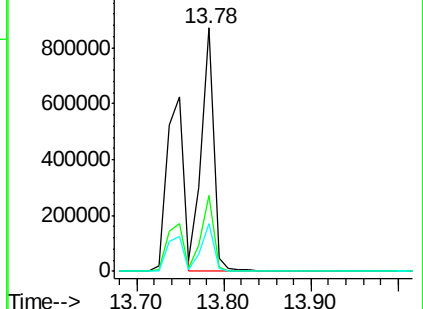
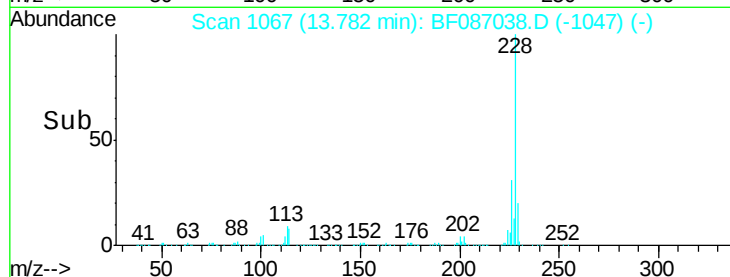
229 19.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.71 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

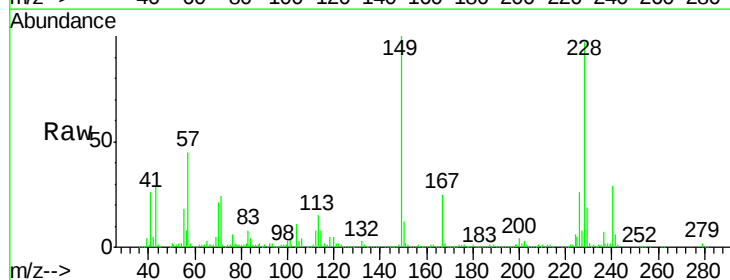
Tgt Ion: 149 Resp: 602599

Ion Ratio Lower Upper

149 100

167 24.6 21.8 32.6

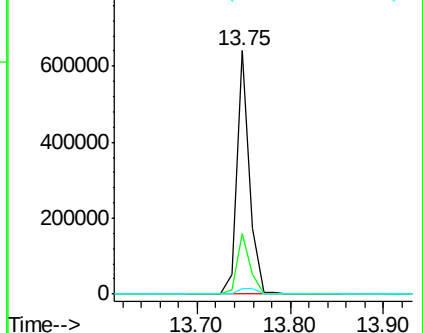
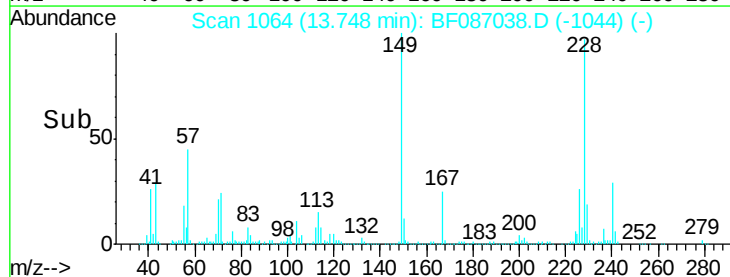
279 2.4 2.6 4.0#

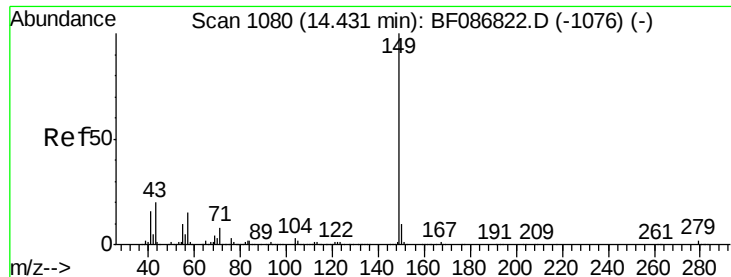


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.17 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

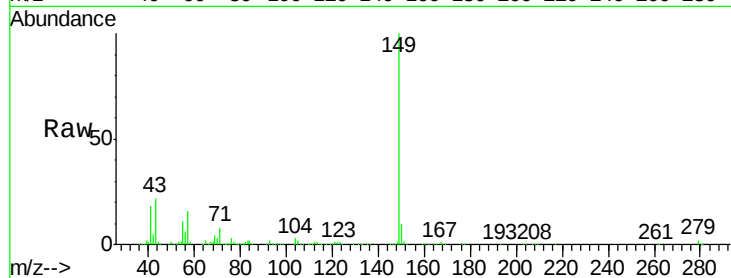
Tgt Ion:149 Resp: 1050678

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

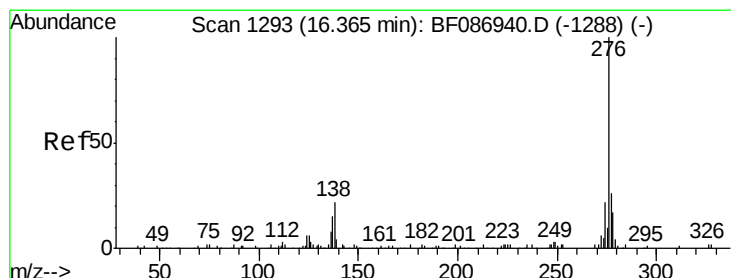
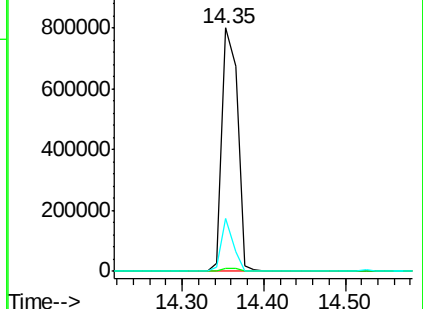
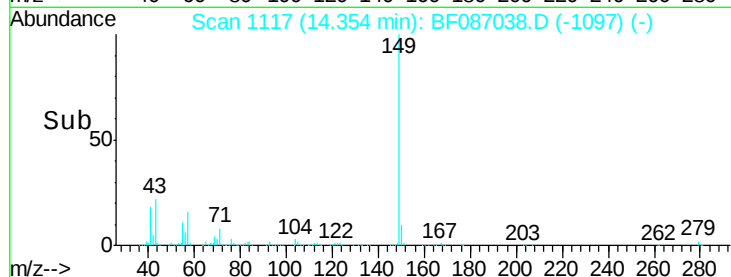
43 16.5 8.2 12.4#



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: 47.54 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.13 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

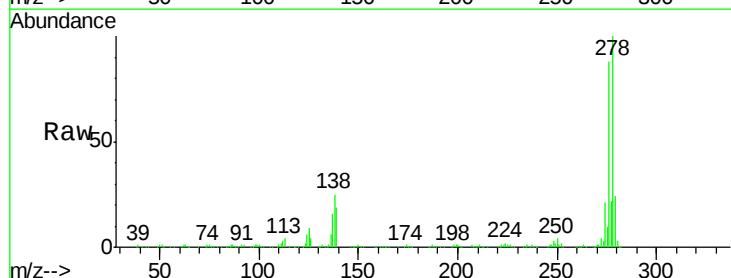
Tgt Ion:276 Resp: 748053

Ion Ratio Lower Upper

276 100

138 27.1 25.6 38.4

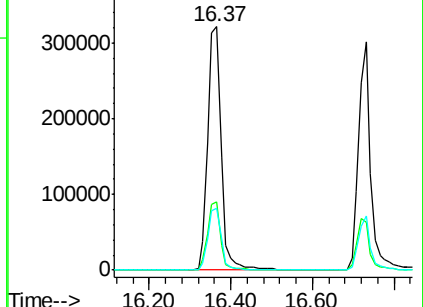
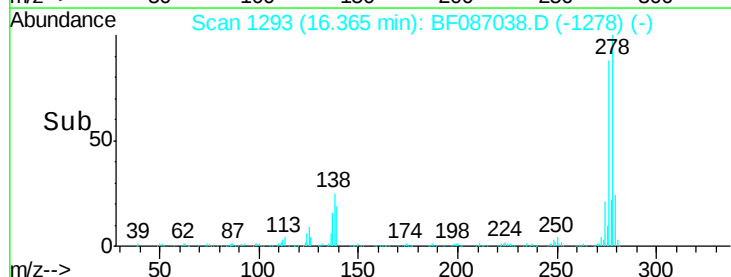
277 25.2 20.5 30.7

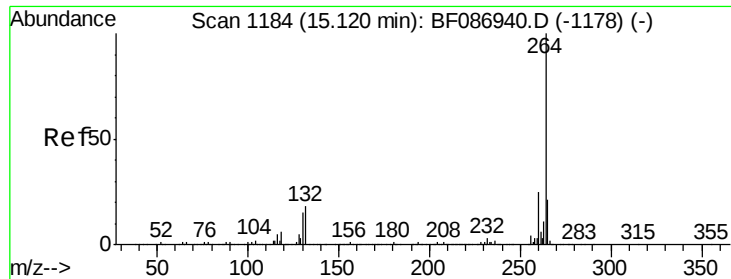


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



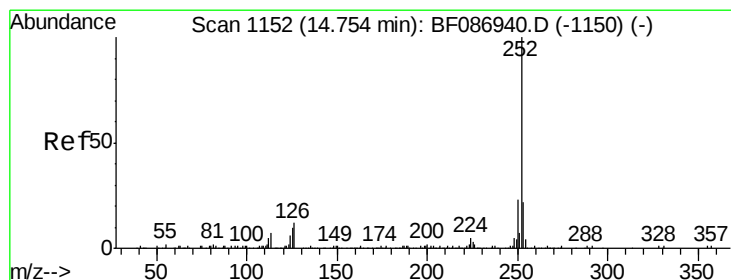
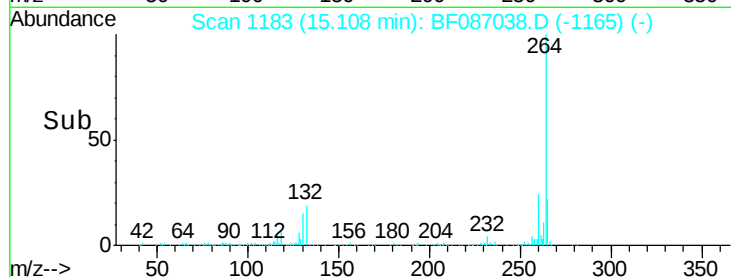
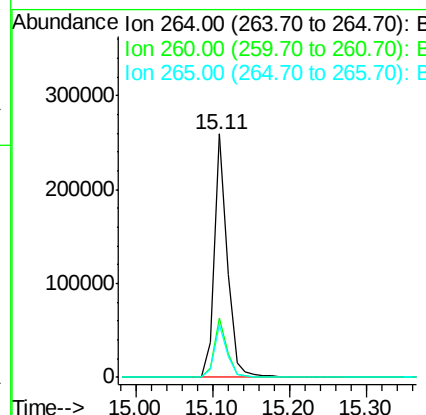
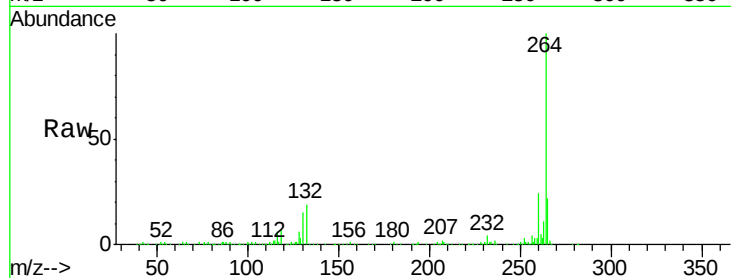


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion: 264 Resp: 302023

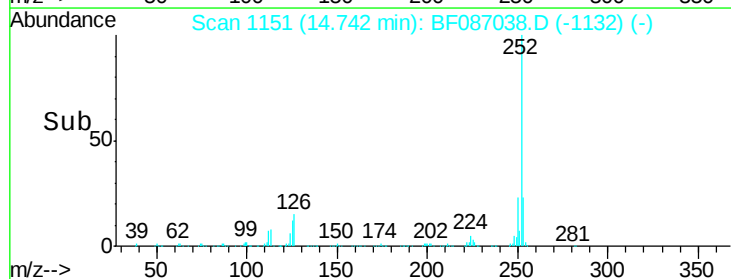
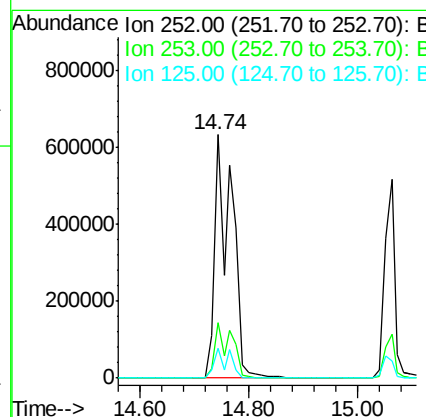
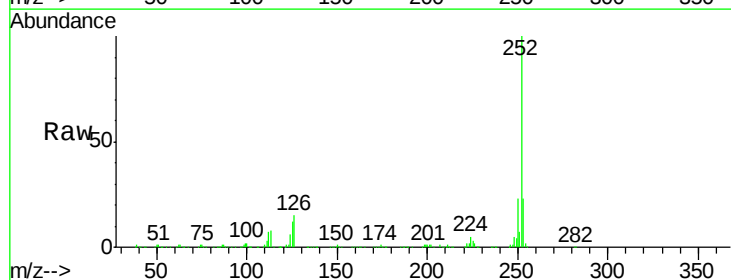
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.3	25.9

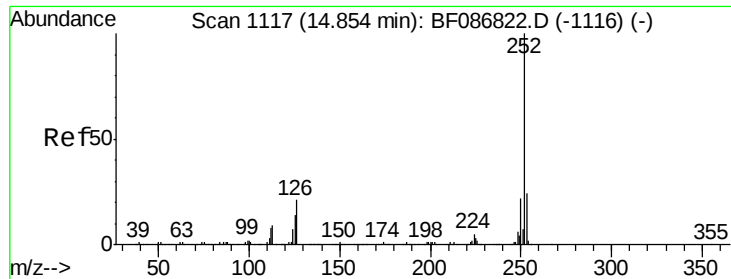


#87
Benzo(b)fluoranthene
Concen: 71.61 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion: 252 Resp: 1405627

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.1	11.4	17.0

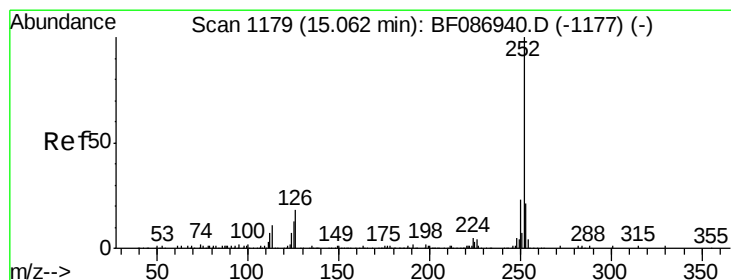
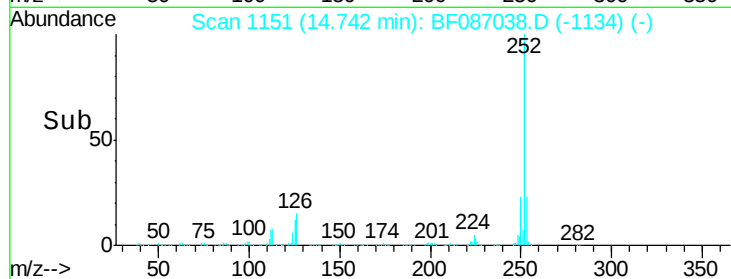
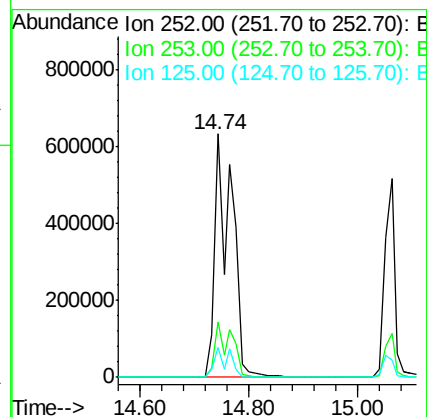
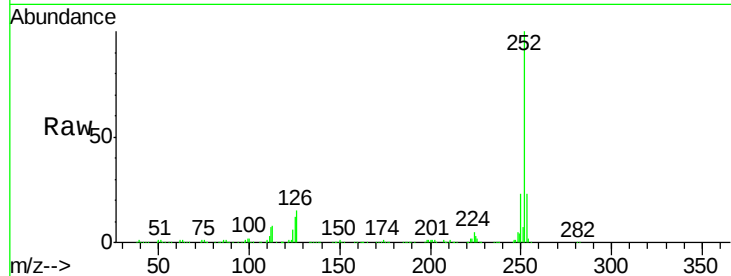




#88
Benzo(k)fluoranthene
Concen: 87.46 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

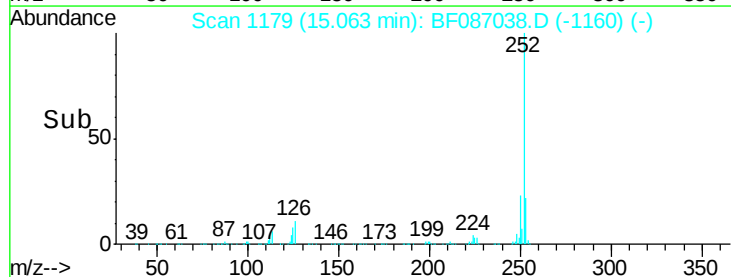
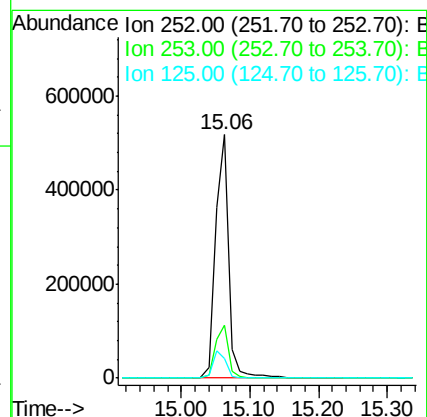
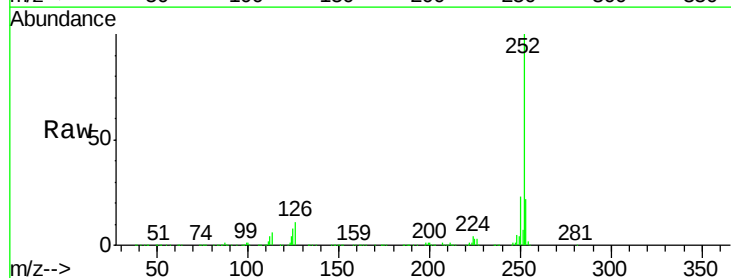
Instrument :
BNA_F
ClientSampleId :
PB90490BSD

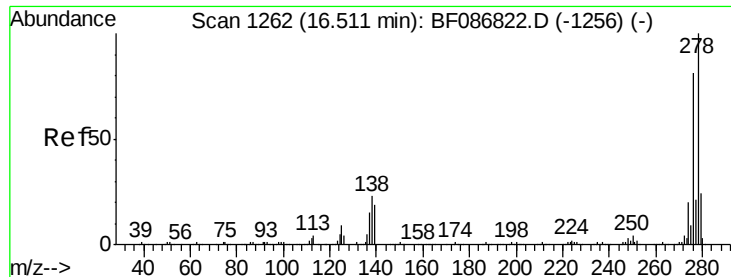
Tgt Ion:252 Resp: 1405627
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.1 9.1 13.7



#89
Benzo(a)pyrene
Concen: 40.98 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.09 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion:252 Resp: 693889
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.3 9.0 13.6#





#90

Dibenzo(a,h)anthracene

Concen: 43.86 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.15 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

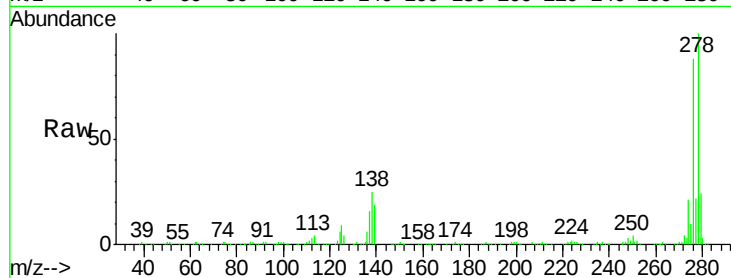
Tgt Ion: 278 Resp: 625818

Ion Ratio Lower Upper

278 100

139 18.8 16.6 24.8

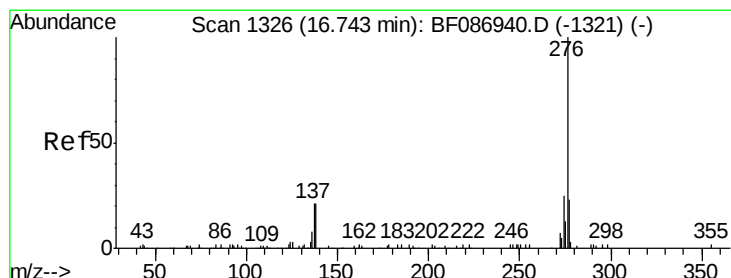
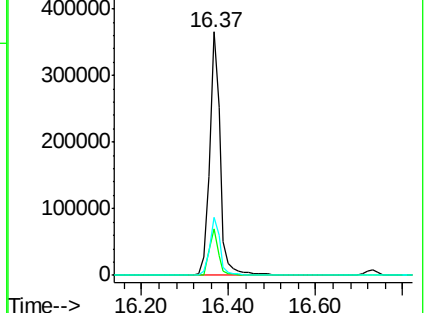
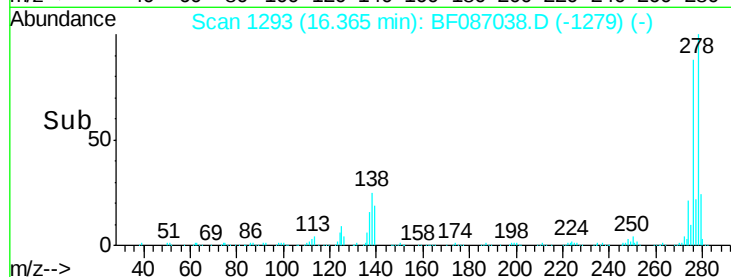
279 24.0 19.6 29.4



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: 43.06 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.16 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

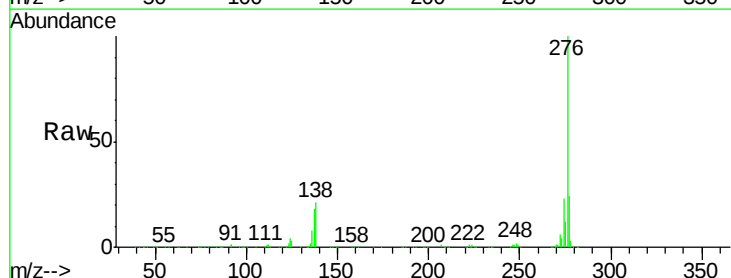
Tgt Ion: 276 Resp: 624252

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 21.1 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

