

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087242.D
 Acq On : 20 May 2016 23:52
 Operator : UM/SJ
 Sample : PB90771BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Quant Time: May 21 00:53:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	136879	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	568131	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	277445	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	521414	20.00	ng	0.00
75) Chrysene-d12	13.69	240	363517	20.00	ng	-0.01
86) Perylene-d12	15.04	264	298836	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	965757	118.59	ng	0.02
7) Phenol-d6	6.23	99	1172440	107.35	ng	0.00
23) Nitrobenzene-d5	7.14	82	859499	75.40	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	324668	105.90	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1354451	80.85	ng	0.00
78) Terphenyl-d14	12.65	244	1334878	83.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	122464	29.23	ng	# 64
3) Pyridine	2.68	79	293087	28.92	ng	# 66
4) n-Nitrosodimethylamine	2.65	42	268196	37.35	ng	# 51
6) Aniline	6.23	93	270612	19.51	ng	# 71
8) 2-Chlorophenol	6.34	128	367698	37.11	ng	# 77
9) Benzaldehyde	6.11	77	90866	12.68	ng	97
10) Phenol	6.24	94	448679	32.68	ng	# 55
11) bis(2-Chloroethyl)ether	6.31	93	388052	37.64	ng	90
12) 1,3-Dichlorobenzene	6.73	146	337770	32.07	ng	98
13) 1,4-Dichlorobenzene	6.73	146	347114	32.21	ng	97
14) 1,2-Dichlorobenzene	6.73	146	350525	37.16	ng	97
15) Benzyl Alcohol	6.73	79	338207	41.59	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	720180	33.98	ng	58
17) 2-Methylphenol	6.86	107	305150	37.50	ng	# 80
18) Hexachloroethane	7.06	117	153686	37.30	ng	93
19) n-Nitroso-di-n-propylamine	6.99	70	313087	37.71	ng	# 71
20) 3+4-Methylphenols	7.02	107	429379	40.00	ng	# 59
22) Acetophenone	6.98	105	528546	38.02	ng	# 97
24) Nitrobenzene	7.15	77	440242	35.37	ng	96
25) Isophorone	7.39	82	780310	37.39	ng	98
26) 2-Nitrophenol	7.47	139	203753	39.52	ng	# 79
27) 2,4-Dimethylphenol	7.53	122	345767	39.30	ng	88
28) bis(2-Chloroethoxy)methane	7.61	93	448100	39.12	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	324977	41.91	ng	96
30) 1,2,4-Trichlorobenzene	7.79	180	335877	39.04	ng	100
31) Naphthalene	7.86	128	1047798	37.74	ng	99
32) Benzoic acid	7.70	122	176080	33.57	ng	# 79
33) 4-Chloroaniline	7.94	127	130215	11.29	ng	97
34) Hexachlorobutadiene	7.99	225	193912	39.71	ng	98
35) Caprolactam	8.32	113	57943	22.44	ng	# 62
36) 4-Chloro-3-methylphenol	8.44	107	370209	39.58	ng	91
37) 2-Methylnaphthalene	8.56	142	725974	40.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	309842	38.24	ng	99
40) Hexachlorocyclopentadiene	8.71	237	239923	77.00	ng	97

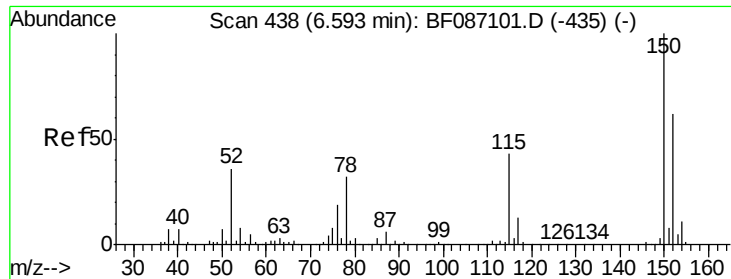
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087242.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	192162	36.57	ng	90
43) 2,4,5-Trichlorophenol	8.90	196	204840	37.52	ng #	94
45) 1,1'-Biphenyl	9.03	154	875985	38.08	ng	99
46) 2-Chloronaphthalene	9.04	162	665665	37.69	ng #	91
47) 2-Nitroaniline	9.15	65	251492	37.16	ng #	68
48) Acenaphthylene	9.45	152	964872	35.78	ng	99
49) Dimethylphthalate	9.34	163	801430	37.87	ng	100
50) 2,6-Dinitrotoluene	9.40	165	195337	42.50	ng	90
51) Acenaphthene	9.62	154	610411	36.23	ng	98
52) 3-Nitroaniline	9.58	138	85288	17.14	ng #	95
53) 2,4-Dinitrophenol	9.69	184	160629	62.13	ng #	86
54) Dibenzofuran	9.79	168	890646	40.88	ng #	87
55) 4-Nitrophenol	9.79	139	588844	119.07	ng #	25
56) 2,4-Dinitrotoluene	9.80	165	221963	37.71	ng #	63
57) Fluorene	10.14	166	648573	37.05	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	189135	44.48	ng	96
59) Diethylphthalate	10.03	149	817913	40.48	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	354553	42.73	ng	87
61) 4-Nitroaniline	10.19	138	180299	36.71	ng #	73
62) Azobenzene	10.30	77	1008261	43.31	ng	88
64) 4,6-Dinitro-2-methylphenol	10.22	198	122550	35.69	ng #	21
65) n-Nitrosodiphenylamine	10.26	169	676280	41.21	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	198574	37.03	ng	91
67) Hexachlorobenzene	10.68	284	231545	37.25	ng #	84
68) Atrazine	10.80	200	234012	43.72	ng	94
69) Pentachlorophenol	10.89	266	159274	68.20	ng	97
70) Phenanthrene	11.10	178	1160418	41.03	ng	100
71) Anthracene	11.14	178	1044811	36.53	ng	100
72) Carbazole	11.31	167	1035003	39.61	ng	99
73) Di-n-butylphthalate	11.65	149	1295632	43.17	ng	99
74) Fluoranthene	12.27	202	1105280	39.01	ng	95
76) Benzidine	12.41	184	388344	36.97	ng	96
77) Pyrene	12.50	202	1152272	43.88	ng	100
79) Butylbenzylphthalate	13.13	149	523698	47.24	ng	93
80) Benzo(a)anthracene	13.68	228	824395	39.22	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	143042	10.70	ng #	96
82) Chrysene	13.73	228	900528	44.28	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	637313	47.23	ng	98
84) Di-n-octyl phthalate	14.30	149	1058422	45.54	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	641991	35.97	ng	96
87) Benzo(b)fluoranthene	14.69	252	1357832	68.49	ng #	96
88) Benzo(k)fluoranthene	14.69	252	1357832	92.00	ng	99
89) Benzo(a)pyrene	14.99	252	637942	38.50	ng	99
90) Dibenzo(a,h)anthracene	16.27	278	542428	38.88	ng	97
91) Benzo(g,h,i)perylene	16.63	276	546374	38.77	ng	96

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

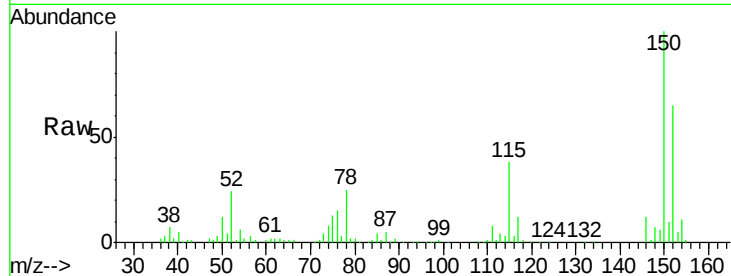


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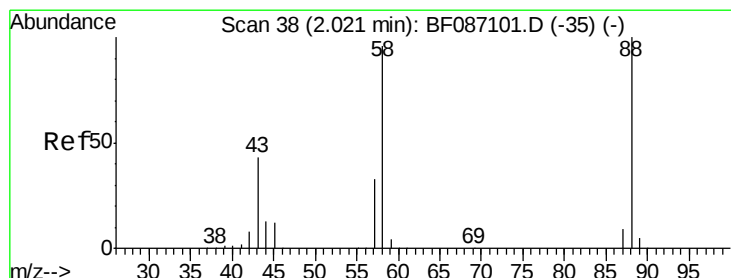
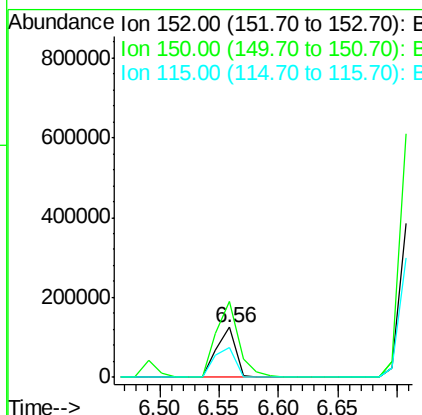
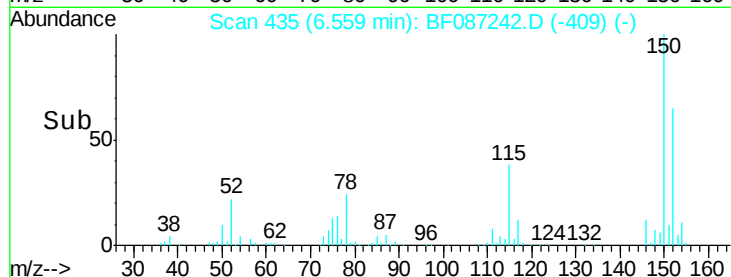
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Instrument :
BNA_F
ClientSampleId :
PB90771BS

Tgt Ion:152 Resp: 136879
Ion Ratio Lower Upper
152 100
150 154.0 125.8 188.6
115 58.9 51.5 77.3



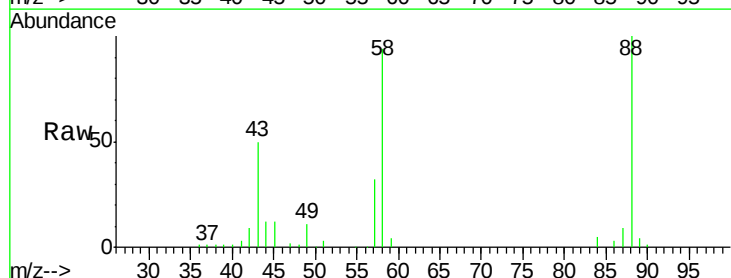
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



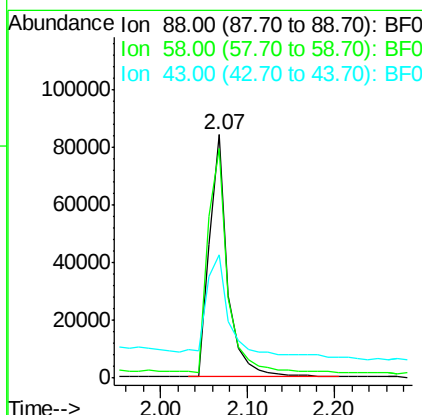
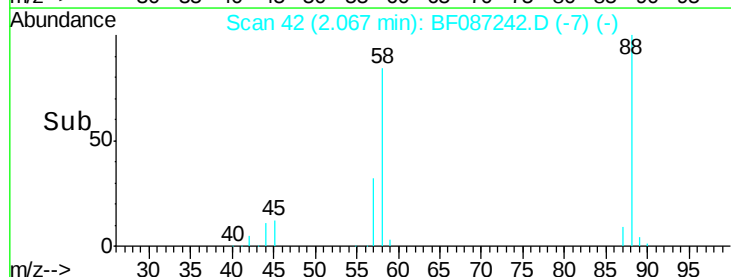
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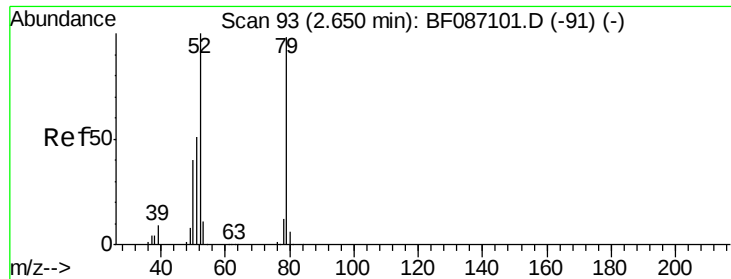
1,4-Dioxane
Concen: 29.23 ng
RT: 2.07 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion: 88 Resp: 122464
Ion Ratio Lower Upper
88 100
58 100.0 59.6 89.4#
43 54.1 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: 28.92 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.10 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

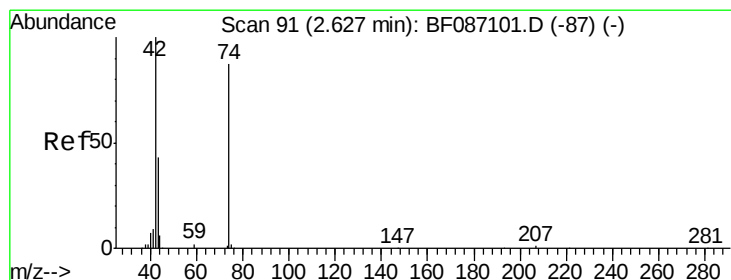
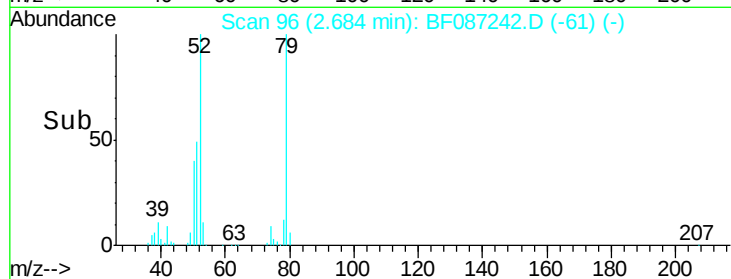
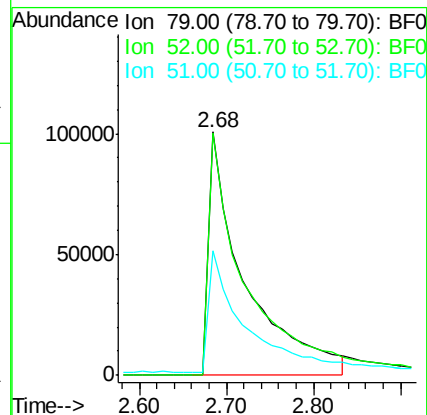
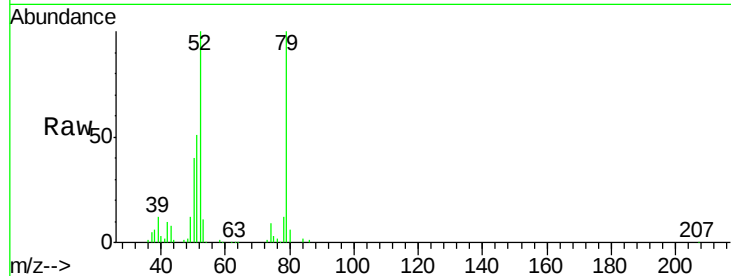
Tgt Ion: 79 Resp: 293087

Ion Ratio Lower Upper

79 100

52 99.7 55.9 83.9#

51 51.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 37.35 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.09 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

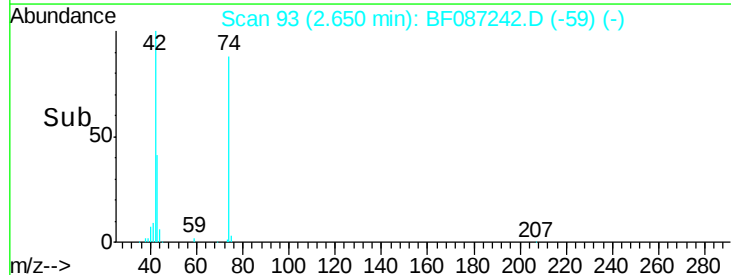
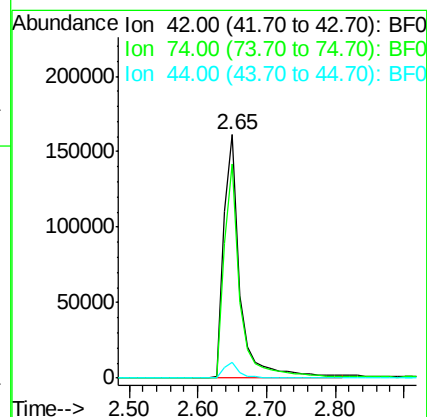
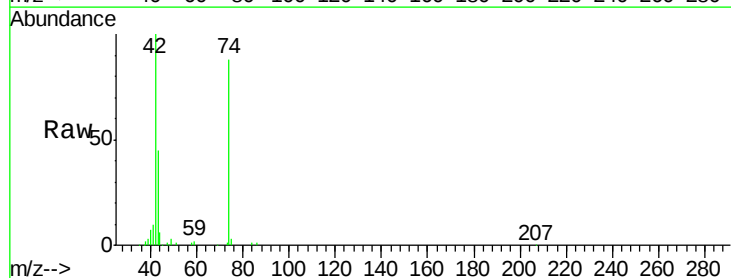
Tgt Ion: 42 Resp: 268196

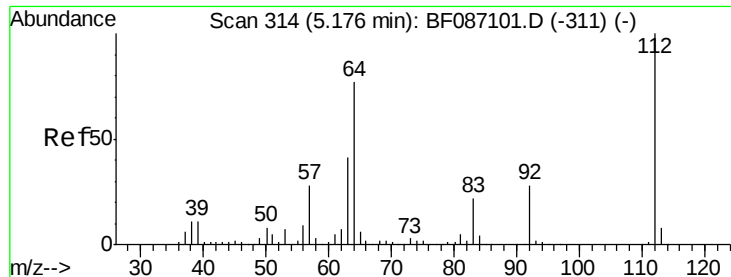
Ion Ratio Lower Upper

42 100

74 88.0 123.4 185.0#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 118.59 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.02 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

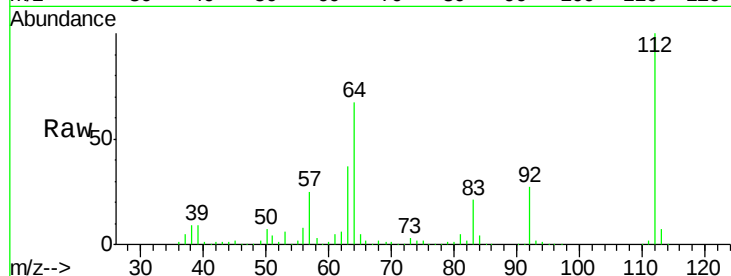
Tgt Ion: 112 Resp: 965757

Ion Ratio Lower Upper

112 100

64 67.0 52.1 78.1

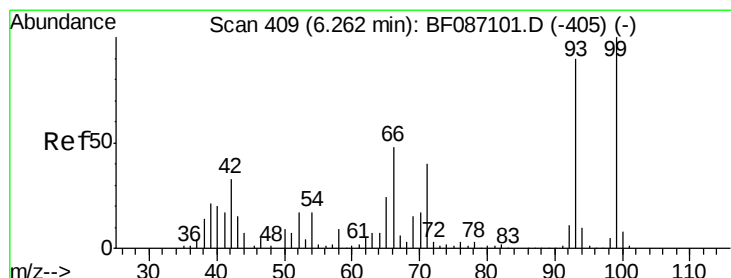
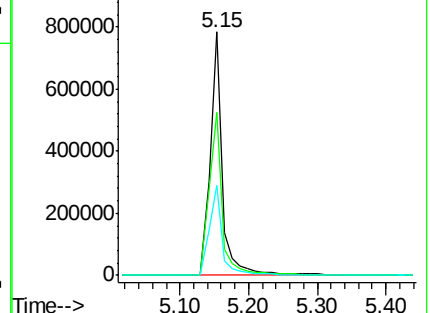
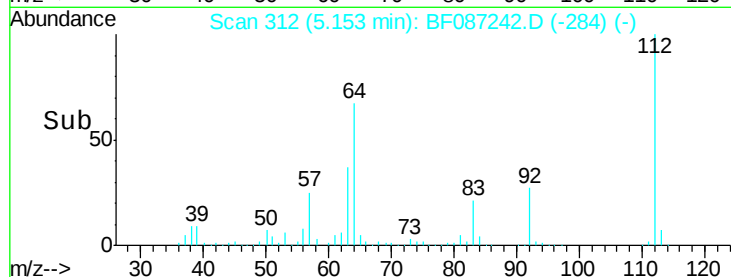
63 37.0 25.7 38.5



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: 19.51 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

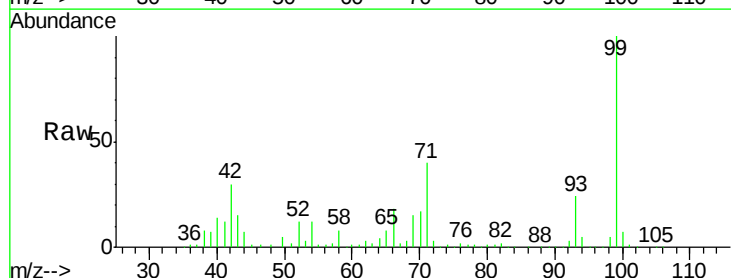
Tgt Ion: 93 Resp: 270612

Ion Ratio Lower Upper

93 100

66 74.7 39.0 58.6#

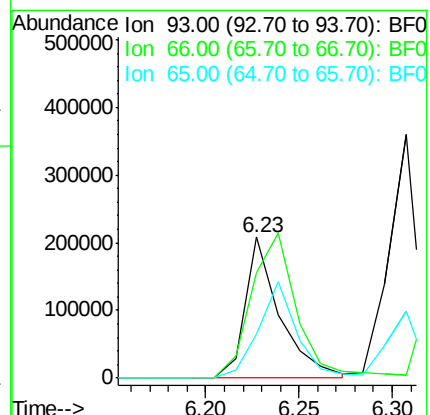
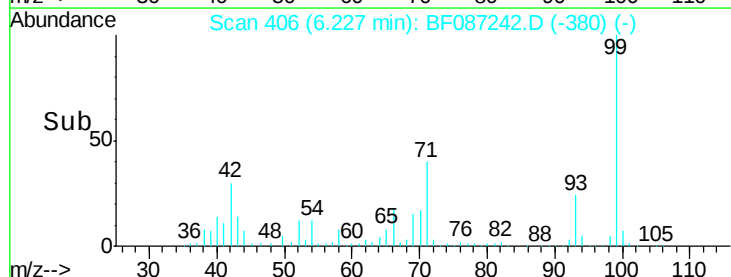
65 31.3 20.6 31.0#

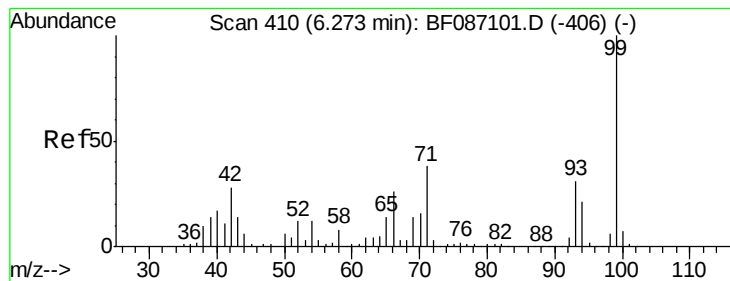


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.35 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

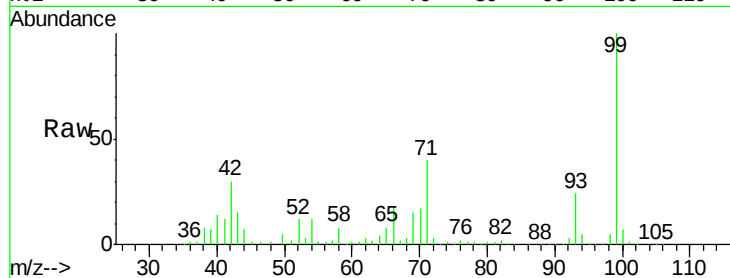
Tgt Ion: 99 Resp: 1172440

Ion Ratio Lower Upper

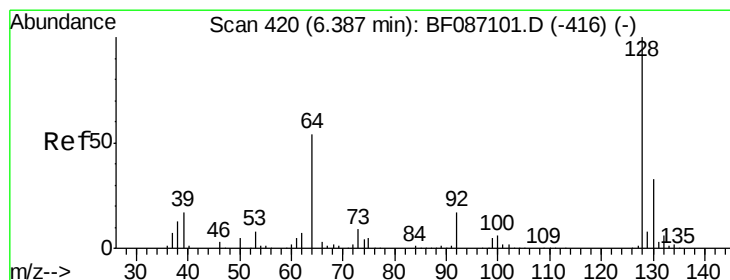
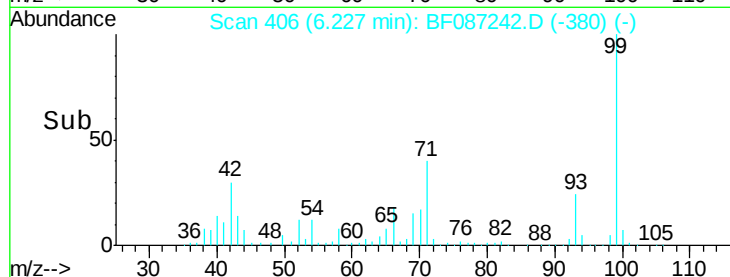
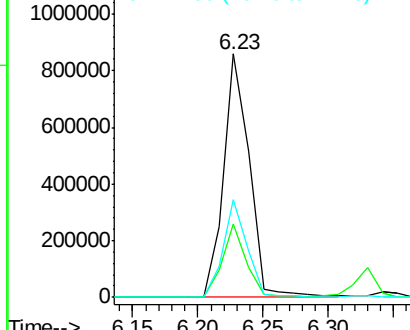
99 100

42 30.3 13.6 20.4#

71 40.0 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: 37.11 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

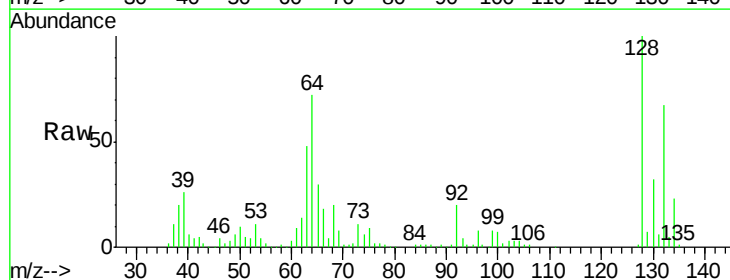
Tgt Ion: 128 Resp: 367698

Ion Ratio Lower Upper

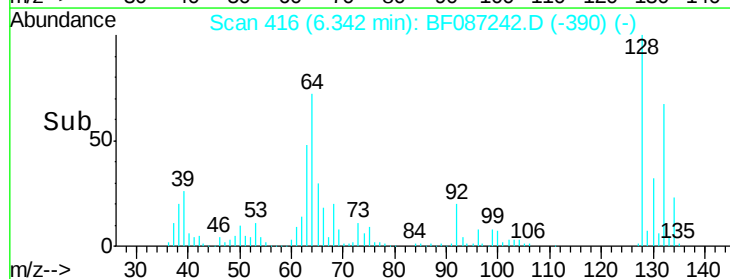
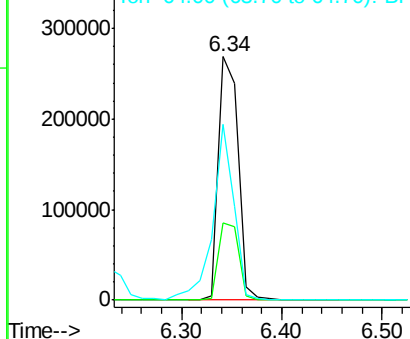
128 100

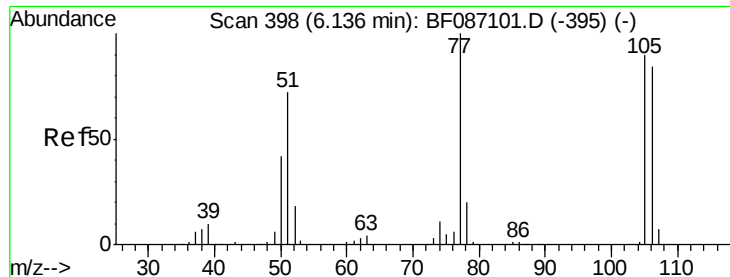
130 31.5 12.5 52.5

64 72.0 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





#9

Benzaldehyde

Concen: 12.68 ng

RT: 6.11 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

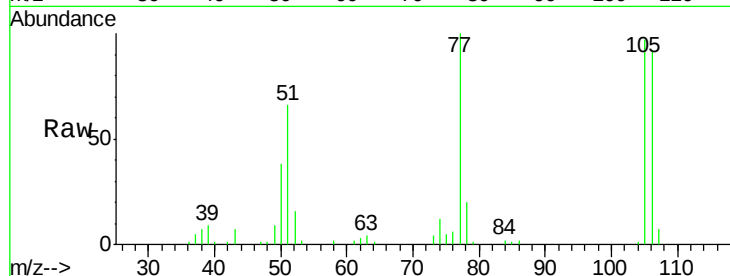
Tgt Ion: 77 Resp: 90866

Ion Ratio Lower Upper

77 100

105 96.8 72.7 112.7

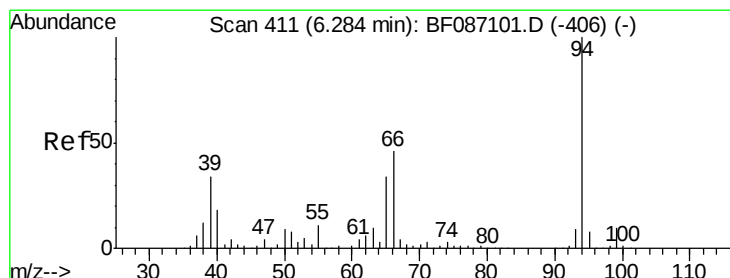
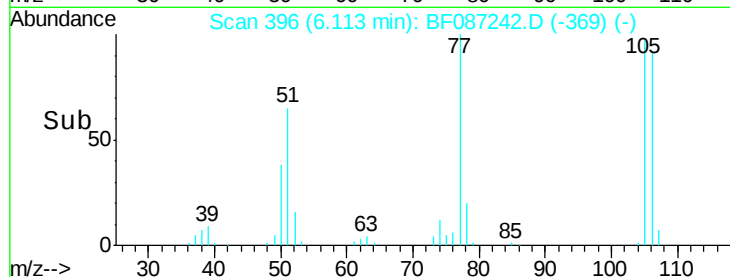
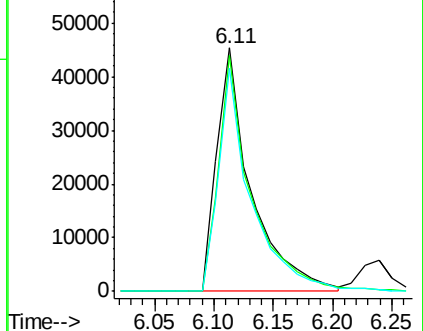
106 91.9 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.68 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

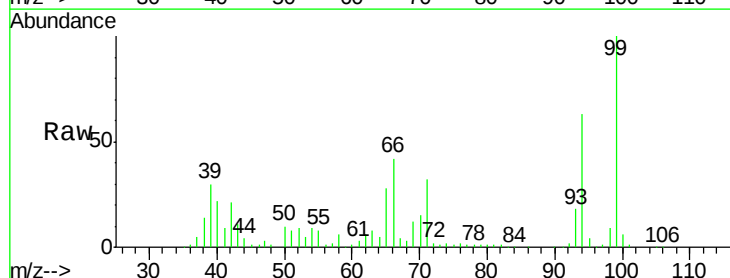
Tgt Ion: 94 Resp: 448679

Ion Ratio Lower Upper

94 100

65 44.2 7.2 47.2

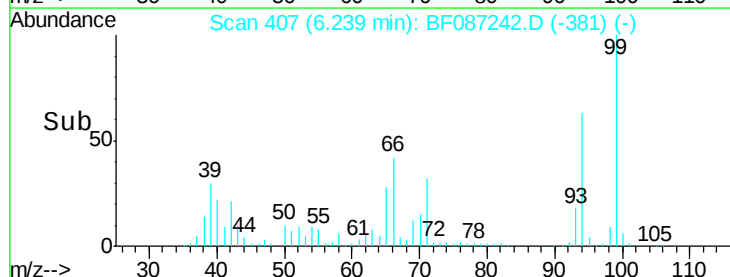
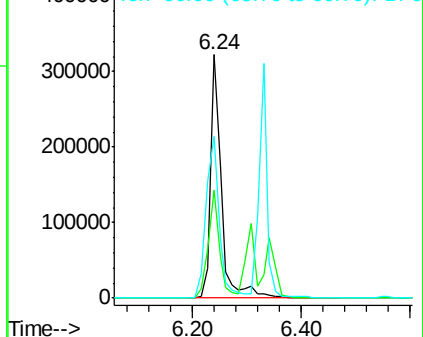
66 66.6 14.9 54.9#

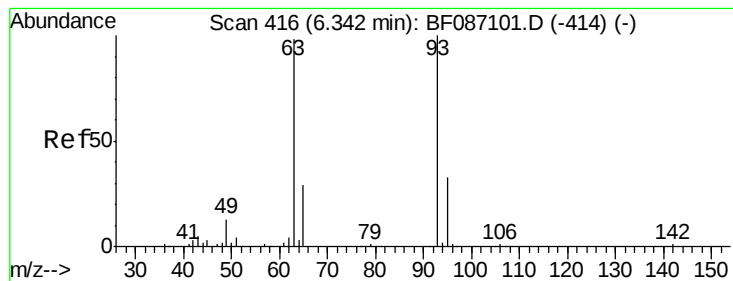


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.64 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

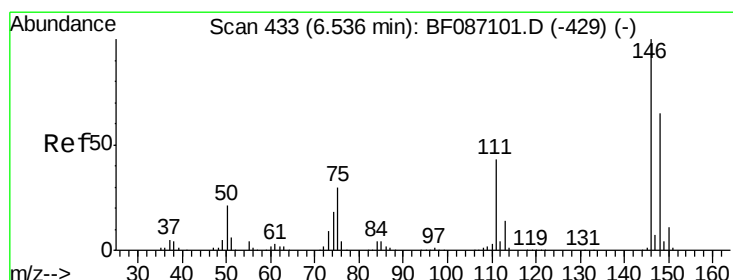
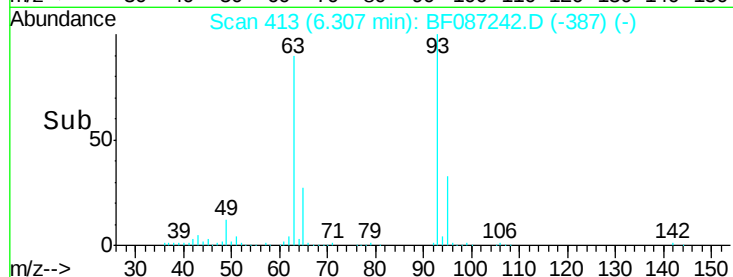
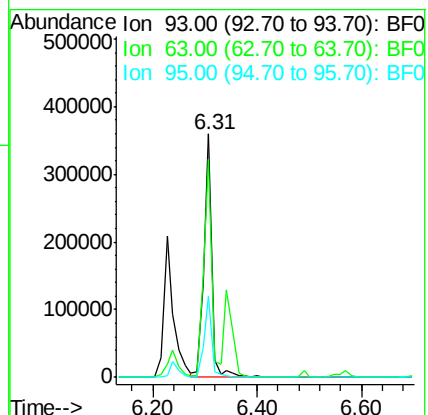
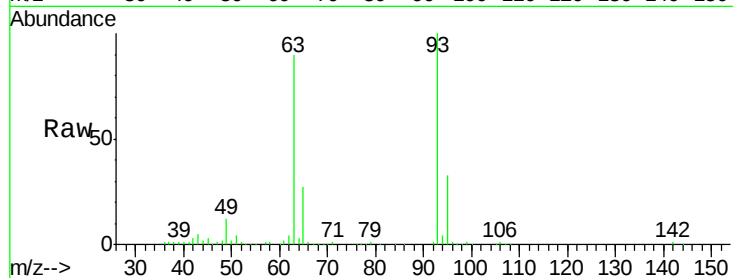
Tgt Ion: 93 Resp: 388052

Ion Ratio Lower Upper

93 100

63 89.6 58.0 98.0

95 33.0 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 32.07 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.24 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

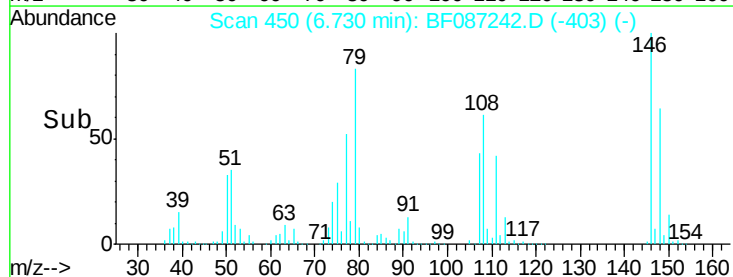
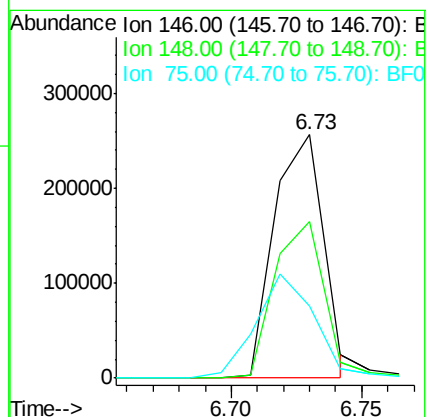
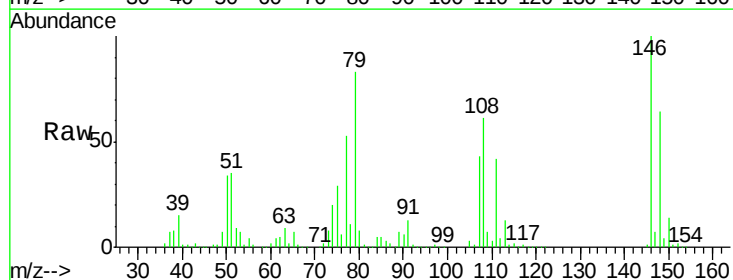
Tgt Ion: 146 Resp: 337770

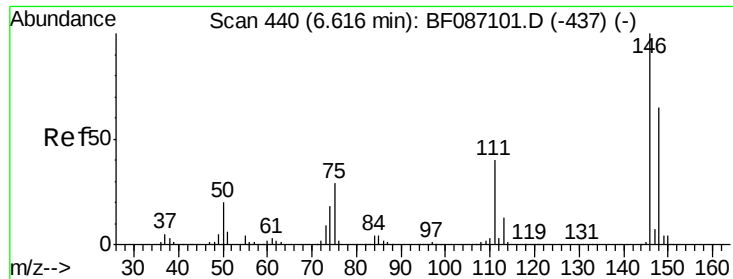
Ion Ratio Lower Upper

146 100

148 64.2 52.4 78.6

75 29.4 22.8 34.2

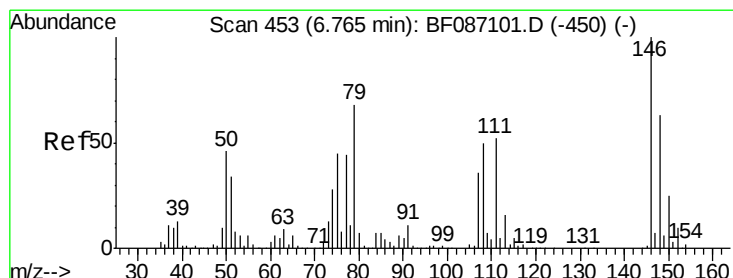
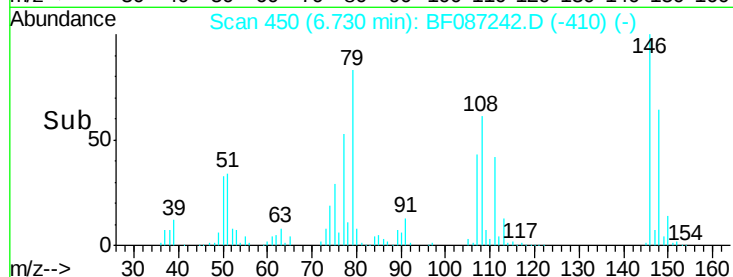
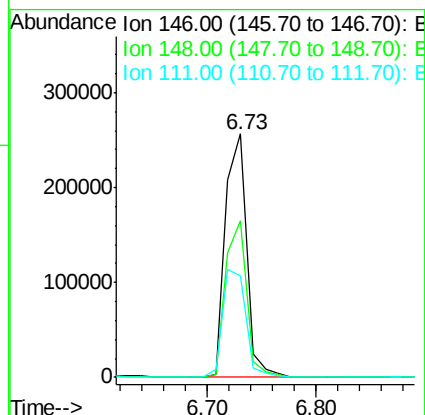
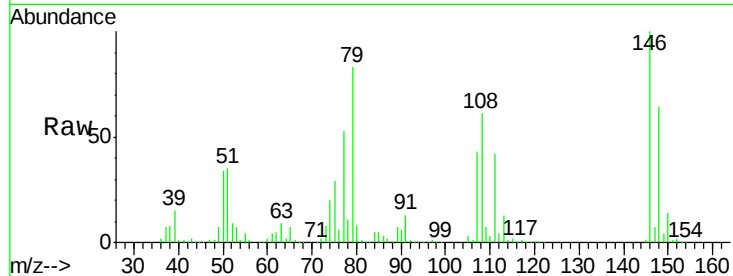




#13
 1,4-Dichlorobenzene
 Concen: 32.21 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.16 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

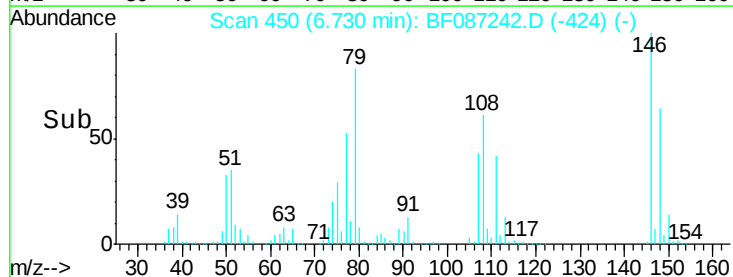
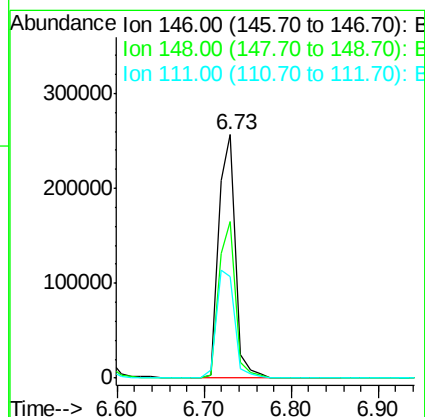
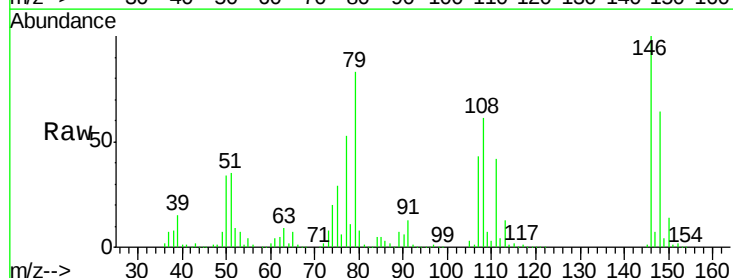
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

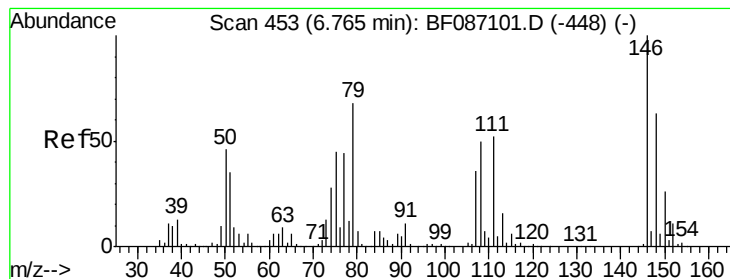
Tgt Ion:146 Resp: 347114
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 41.6 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 37.16 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:146 Resp: 350525
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 111 41.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.59 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

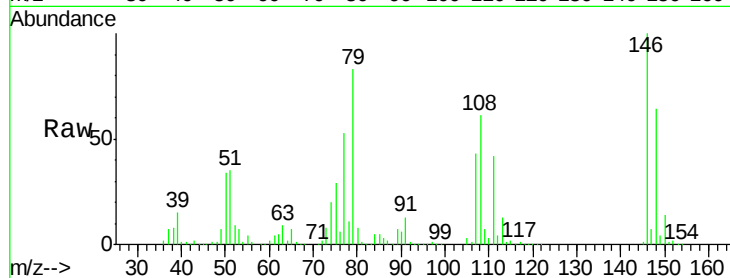
Tgt Ion: 79 Resp: 338207

Ion Ratio Lower Upper

79 100

108 73.1 68.4 102.6

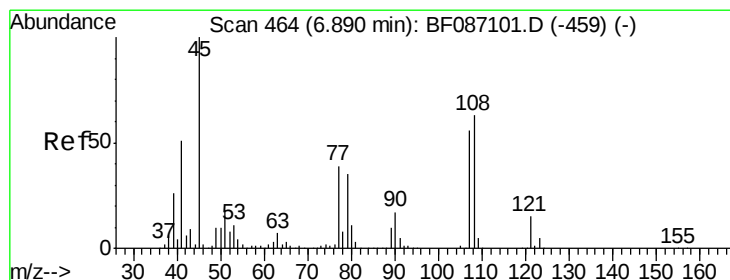
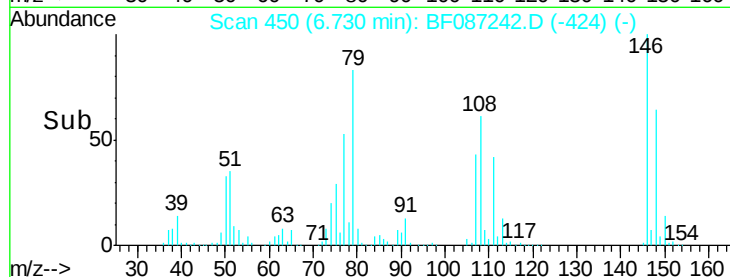
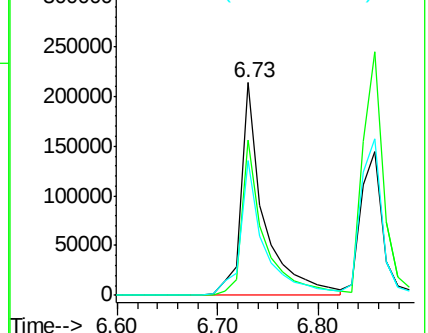
77 63.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.98 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

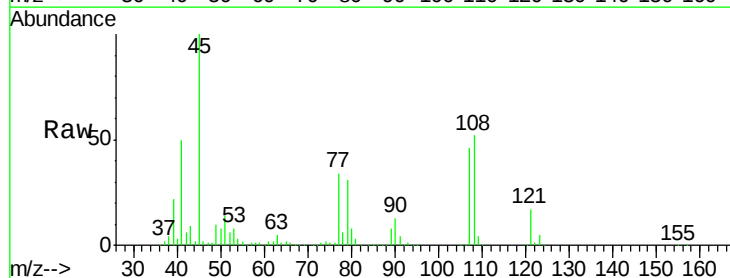
Tgt Ion: 45 Resp: 720180

Ion Ratio Lower Upper

45 100

77 33.8 0.0 36.4

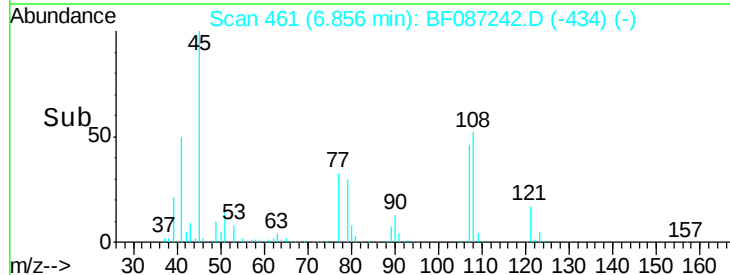
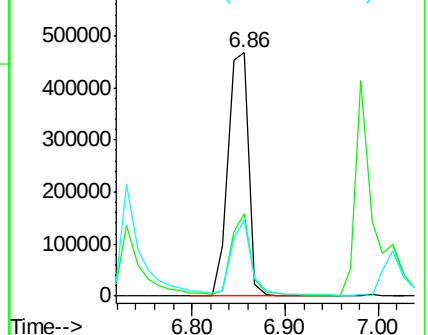
79 31.0 0.0 33.4

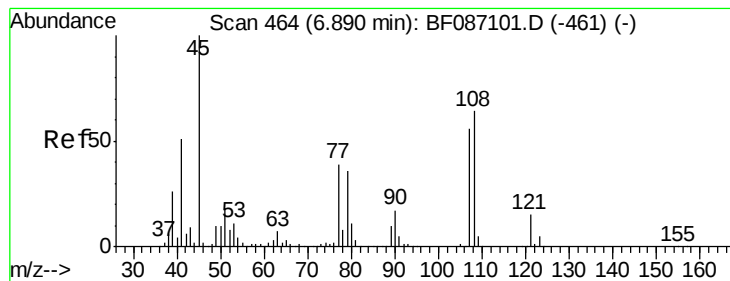


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.50 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

Tgt Ion:107 Resp: 305150

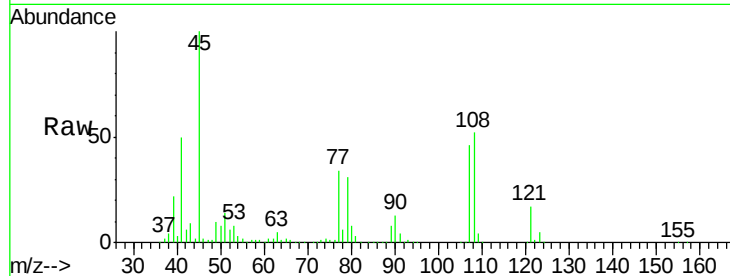
Ion Ratio Lower Upper

107 100

108 112.8 93.7 140.5

77 72.8 33.4 50.0#

79 66.9 34.3 51.5#



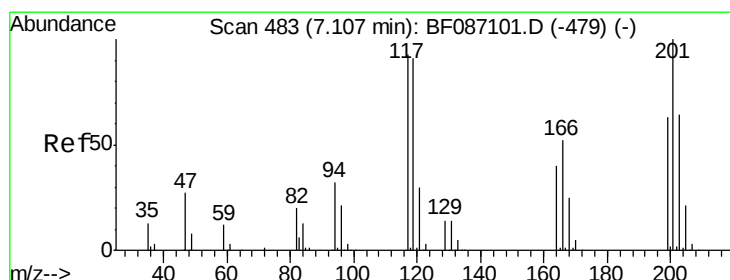
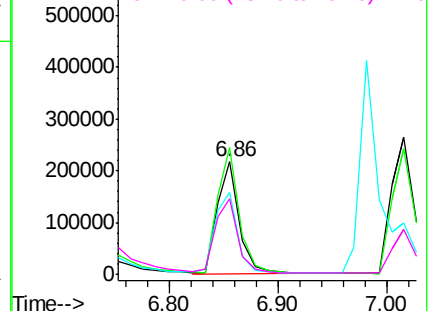
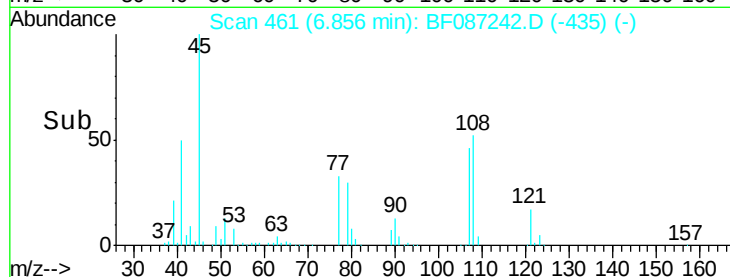
Abundance

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: 37.30 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

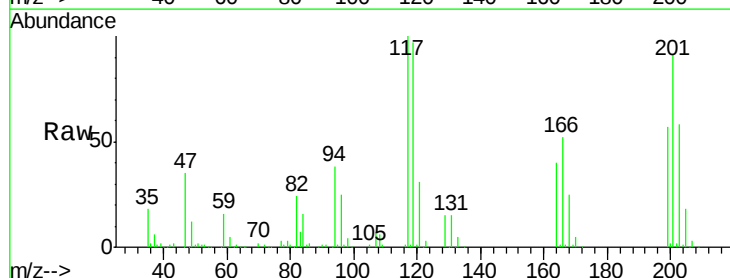
Tgt Ion:117 Resp: 153686

Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

201 91.2 63.0 94.6

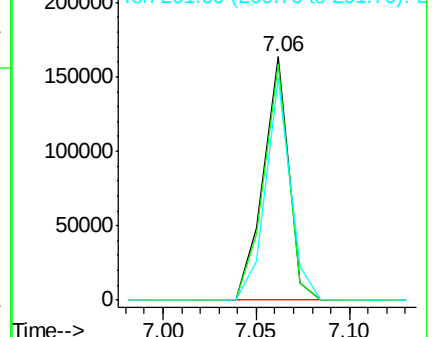
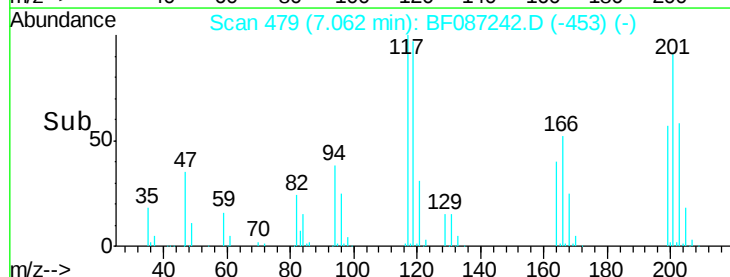


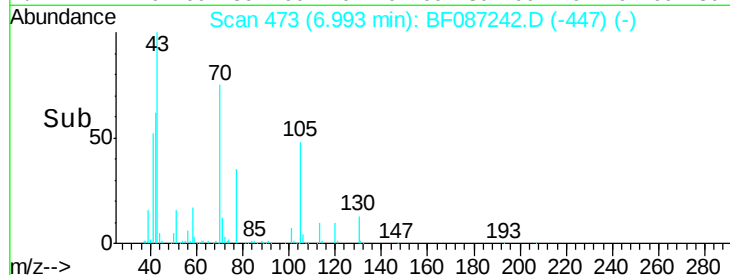
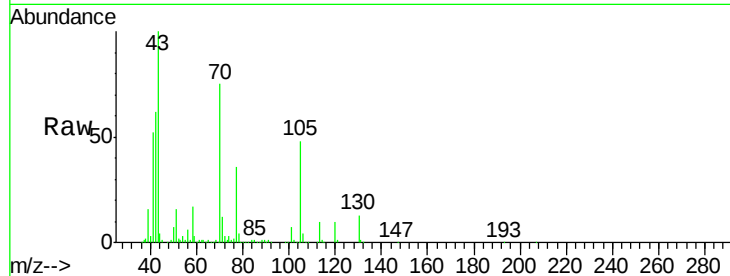
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

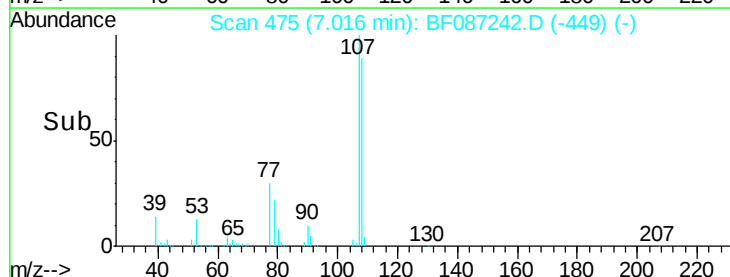
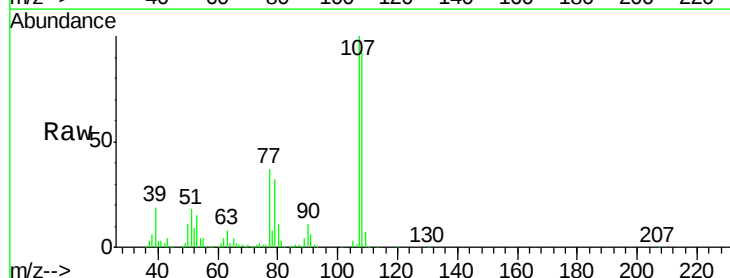
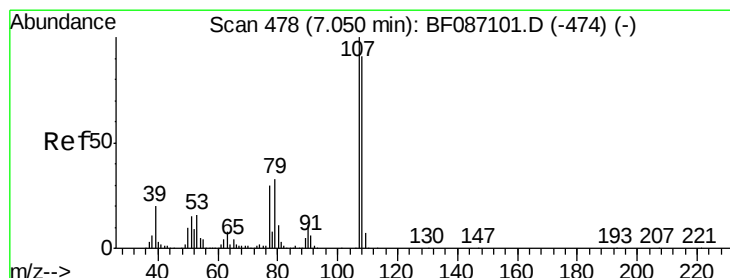
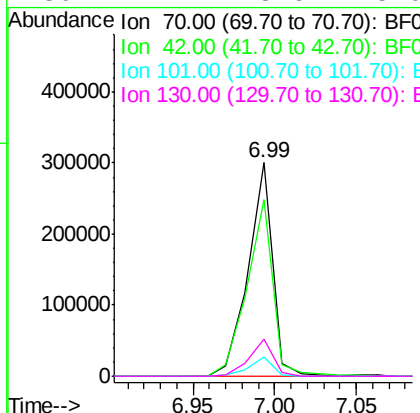




#19
n-Nitroso-di-n-propylamine
Concen: 37.71 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

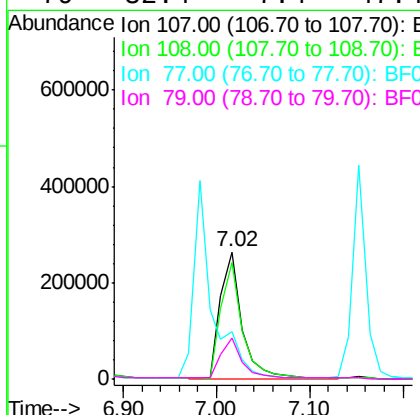
Instrument :
BNA_F
ClientSampleId :
PB90771BS

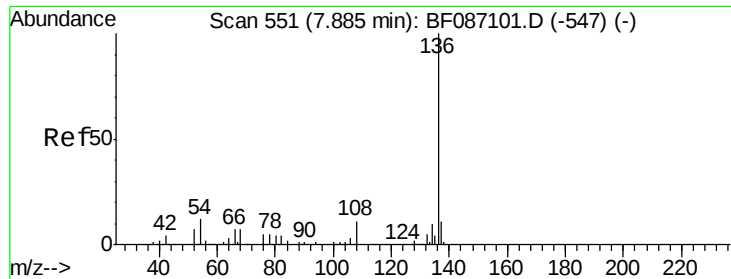
Tgt Ion: 70 Resp: 313087
Ion Ratio Lower Upper
70 100
42 82.9 43.1 64.7#
101 8.9 8.1 12.1
130 17.2 18.6 28.0#



#20
3+4-Methylphenols
Concen: 40.00 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion: 107 Resp: 429379
Ion Ratio Lower Upper
107 100
108 91.8 68.5 108.5
77 37.5 101.6 141.6#
79 32.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

Tgt Ion:136 Resp: 568131

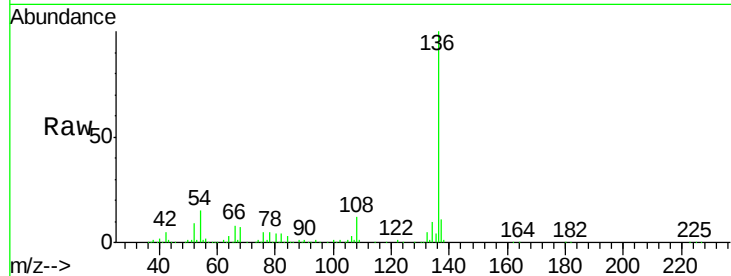
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.7 5.0 7.4#

68 7.5 4.4 6.6#

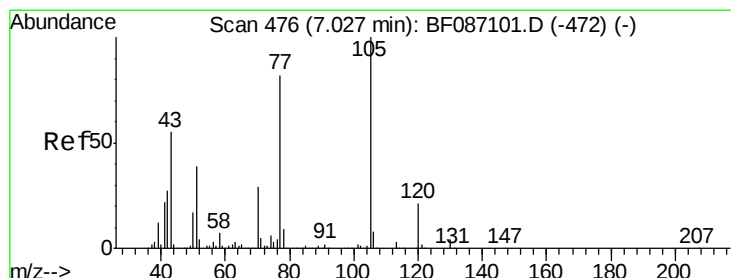
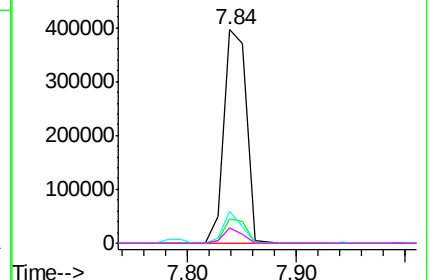
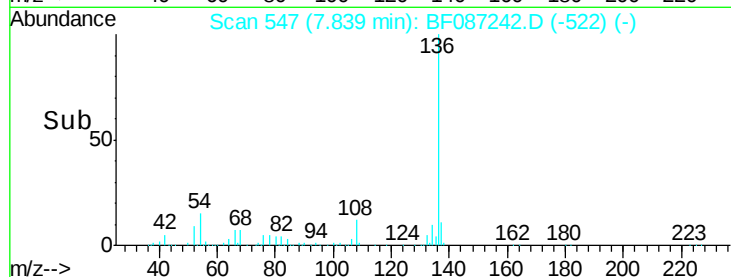


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.02 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Tgt Ion:105 Resp: 528546

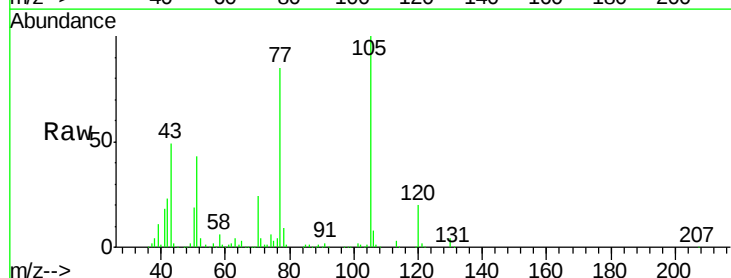
Ion Ratio Lower Upper

105 100

71 3.9 4.8 7.2#

51 42.9 32.6 49.0

120 19.8 16.5 24.7

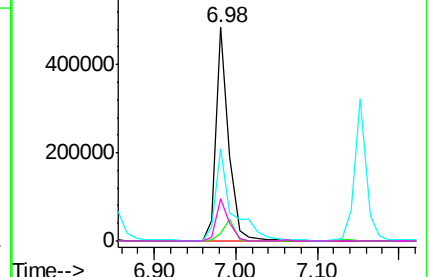
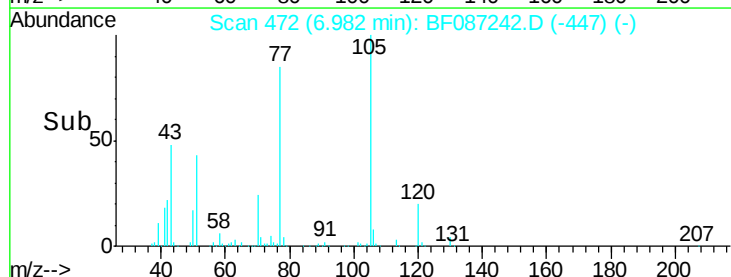


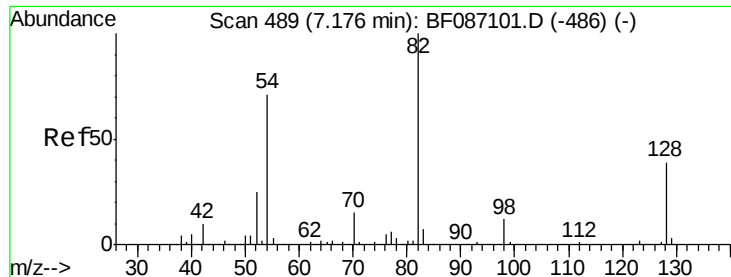
Abundance Ion 105.00 (104.70 to 105.70): E

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

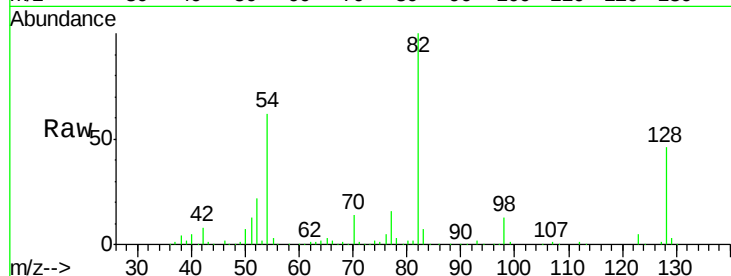




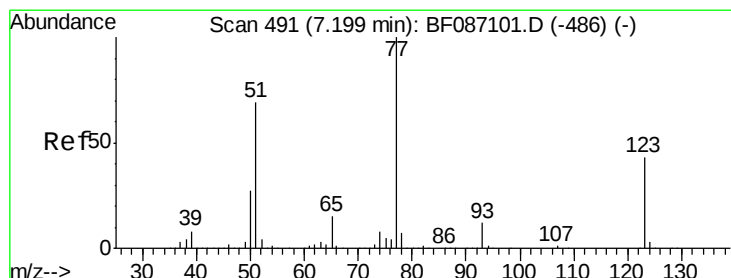
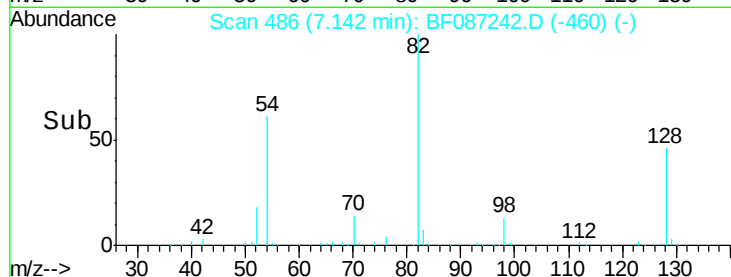
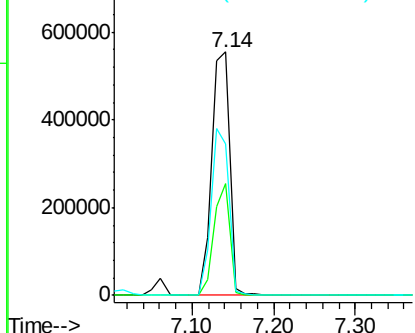
#23
 Nitrobenzene-d5
 Concen: 75.40 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Tgt Ion: 82 Resp: 859499
 Ion Ratio Lower Upper
 82 100
 128 45.7 40.6 61.0
 54 62.5 38.1 57.1#

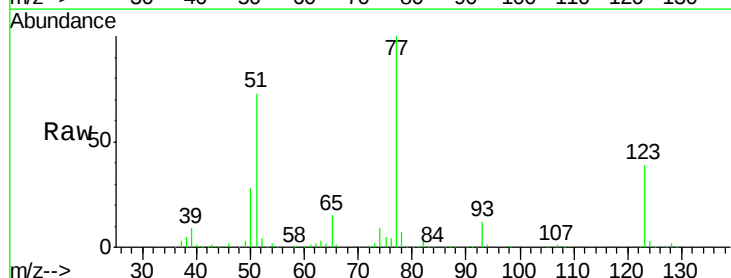


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

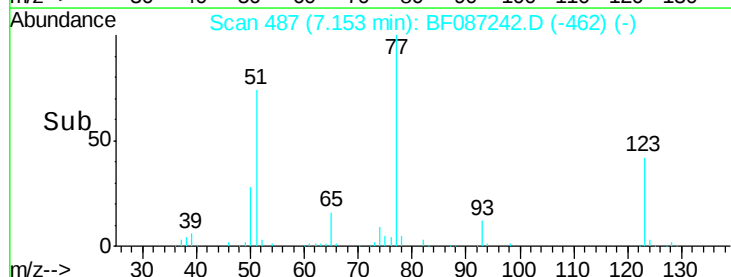
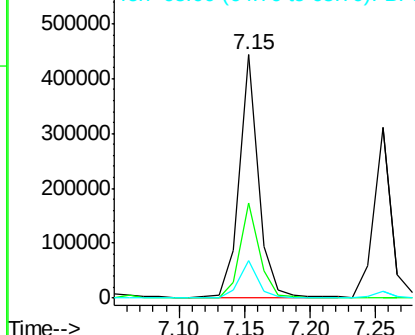


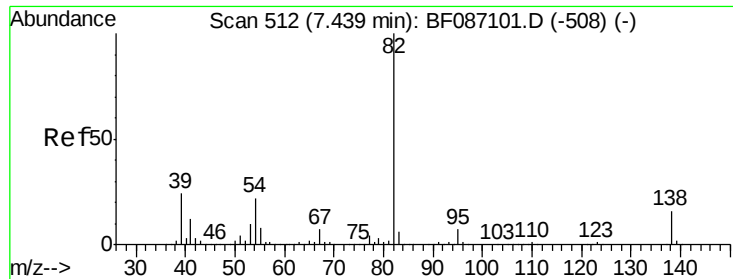
#24
 Nitrobenzene
 Concen: 35.37 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion: 77 Resp: 440242
 Ion Ratio Lower Upper
 77 100
 123 39.2 33.0 49.4
 65 15.4 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.39 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

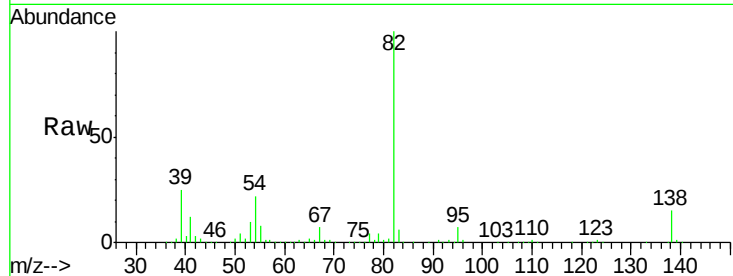
Tgt Ion: 82 Resp: 780310

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

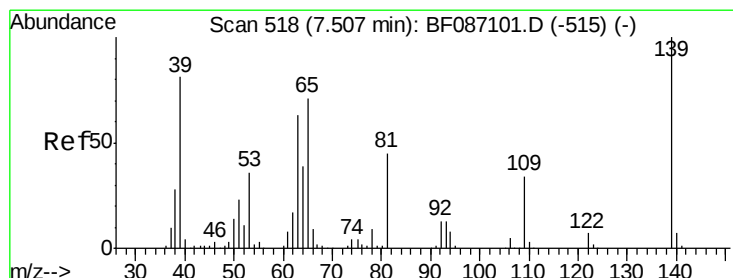
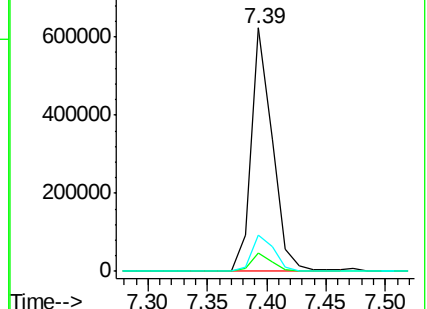
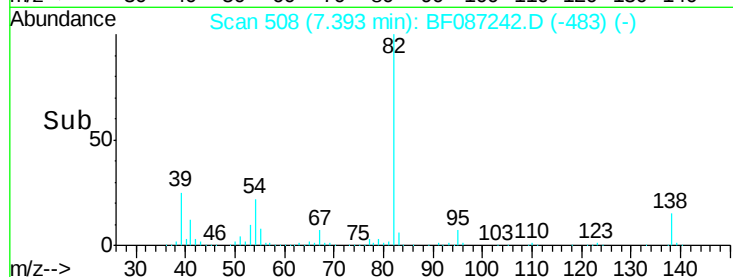
138 14.8 12.4 18.6



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: 39.52 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

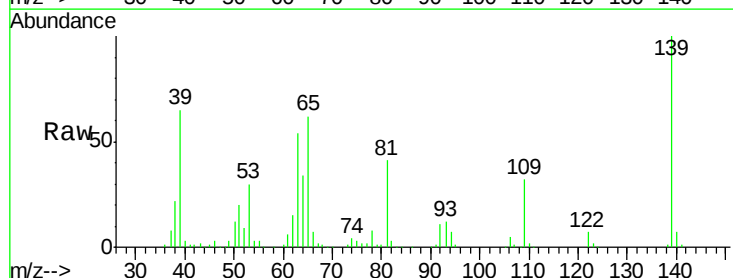
Tgt Ion: 139 Resp: 203753

Ion Ratio Lower Upper

139 100

109 32.4 19.5 29.3#

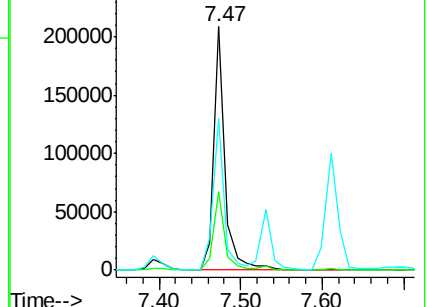
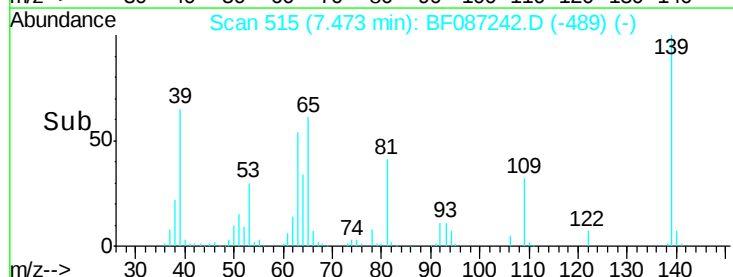
65 62.3 37.5 56.3#

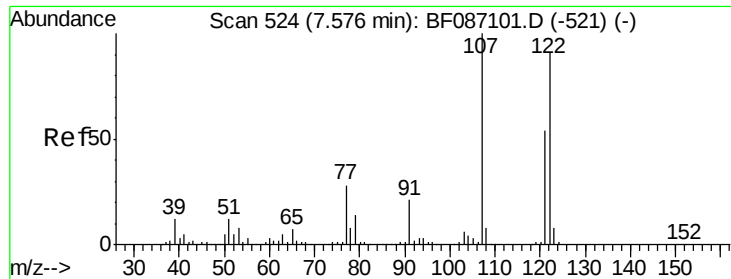


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

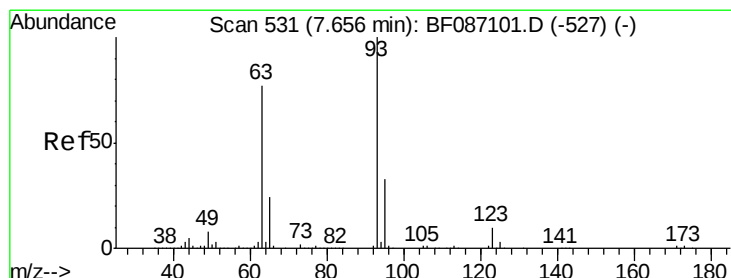
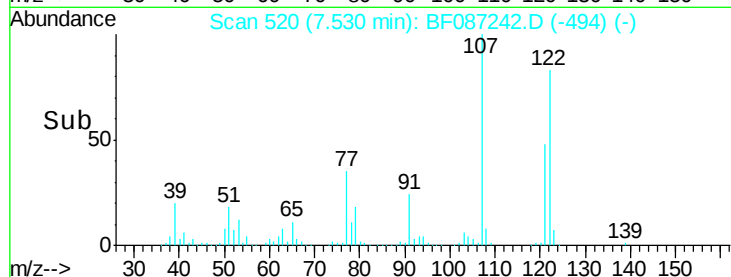
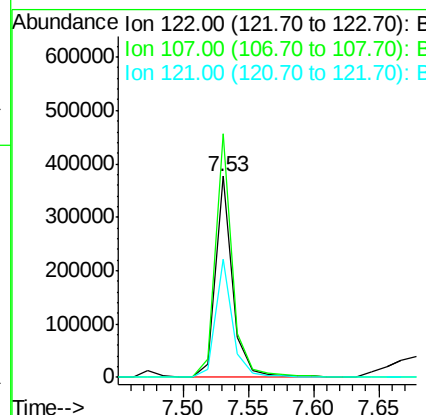
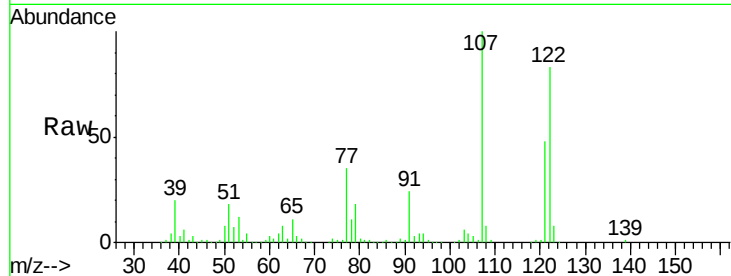




#27
 2,4-Dimethylphenol
 Concen: 39.30 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

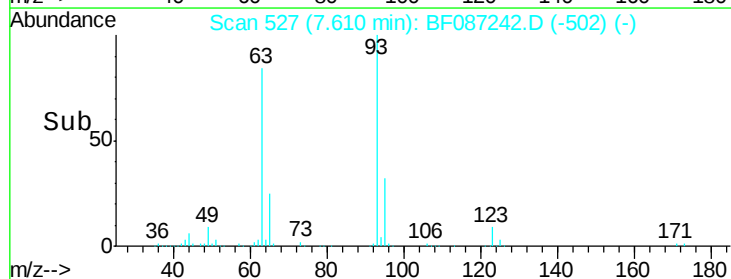
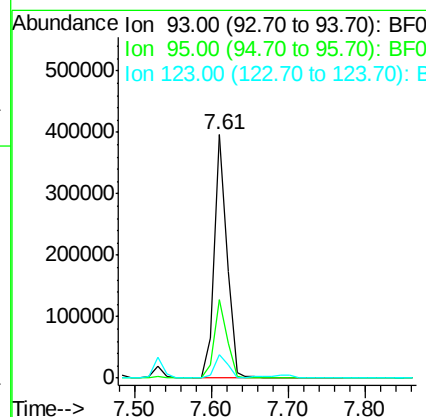
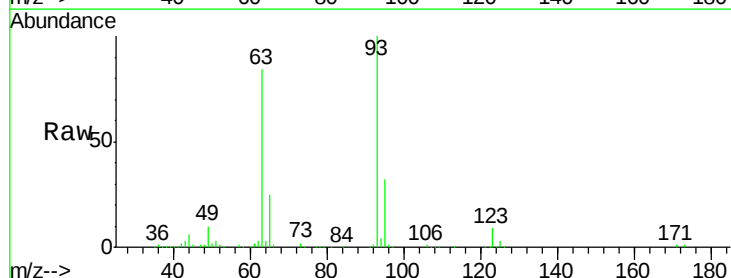
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

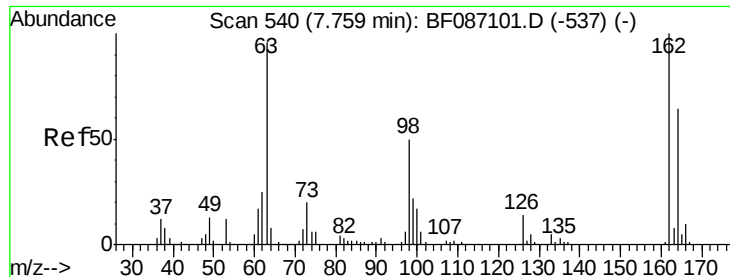
Tgt Ion:122 Resp: 345767
 Ion Ratio Lower Upper
 122 100
 107 121.0 82.0 123.0
 121 58.5 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.12 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion: 93 Resp: 448100
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 9.5 9.5 14.3#

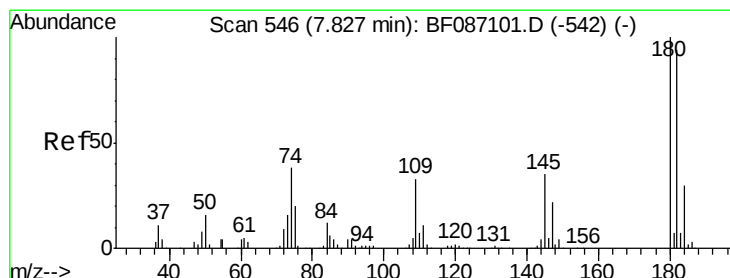
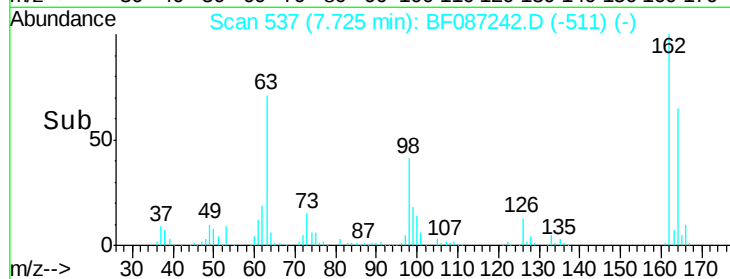
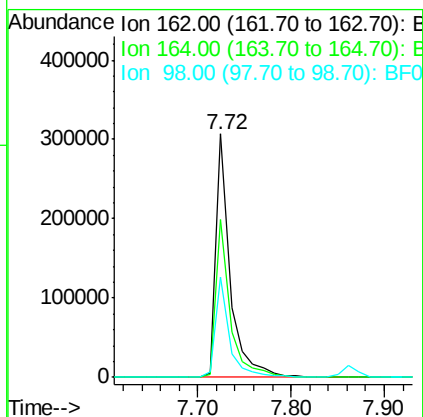
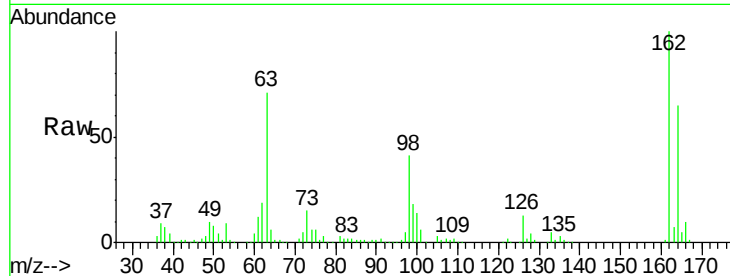




#29
 2,4-Dichlorophenol
 Concen: 41.91 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

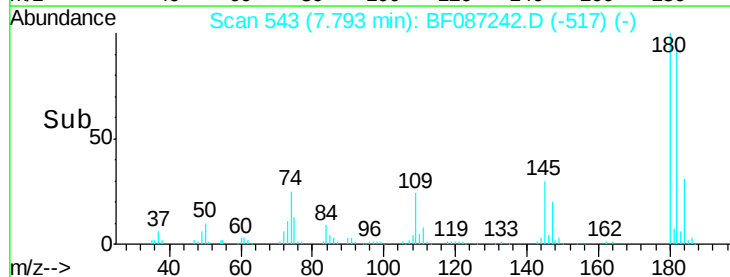
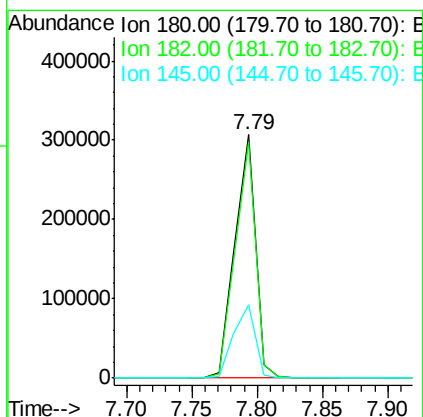
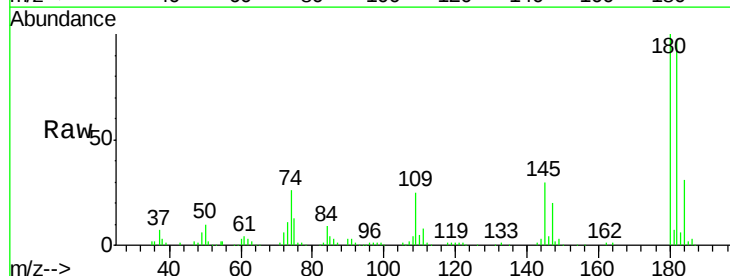
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

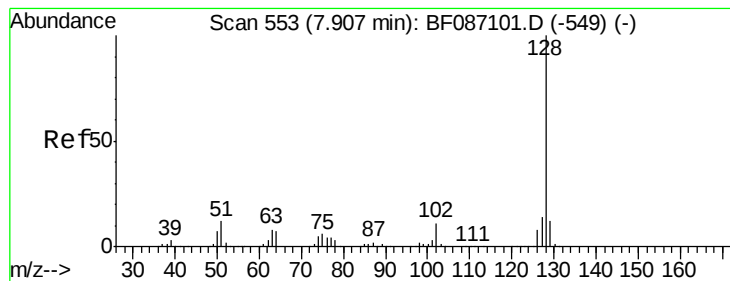
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.2	82.2
98	41.1	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.04 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.0	117.0
145	30.1	24.2	36.2





#31

Naphthalene

Concen: 37.74 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

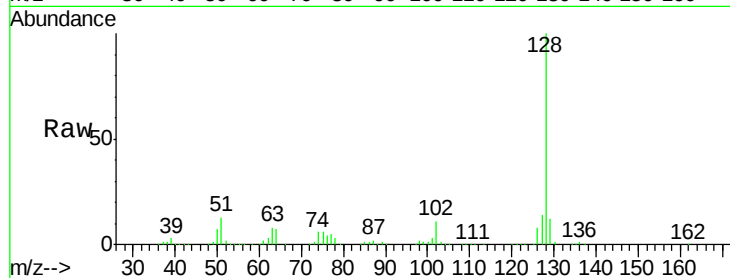
Tgt Ion:128 Resp: 1047798

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

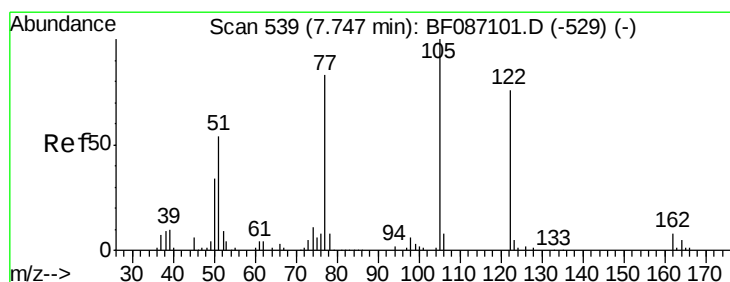
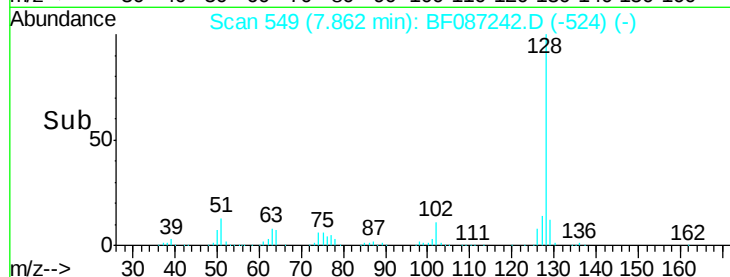
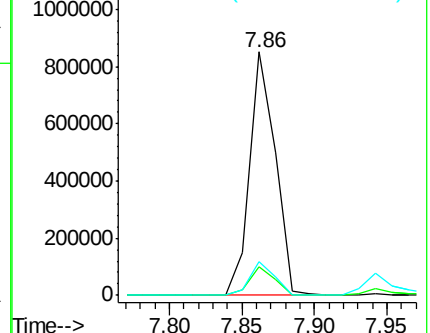
127 13.6 10.8 16.2



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: 33.57 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

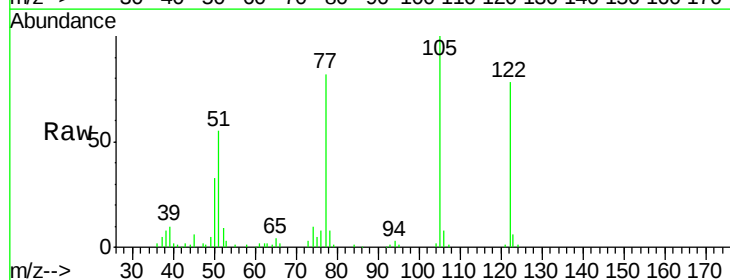
Tgt Ion:122 Resp: 176080

Ion Ratio Lower Upper

122 100

105 128.8 92.6 132.6

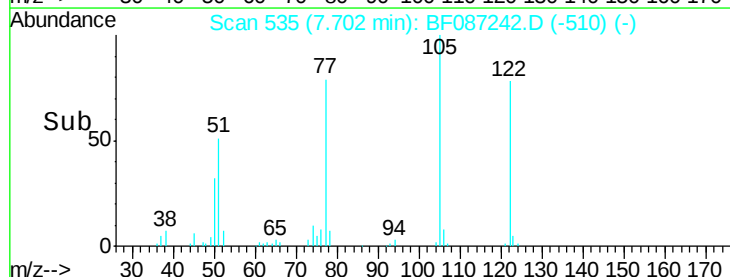
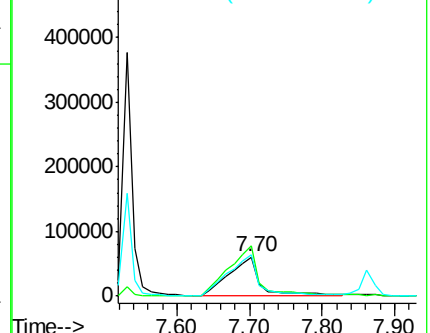
77 105.9 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

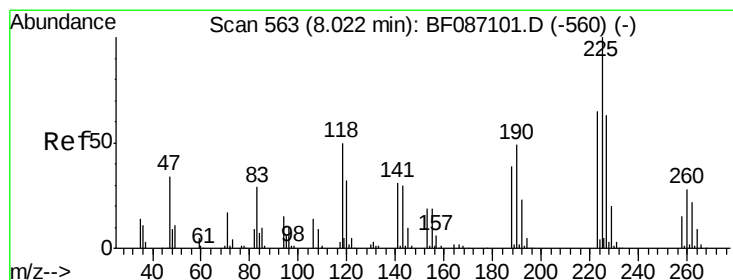
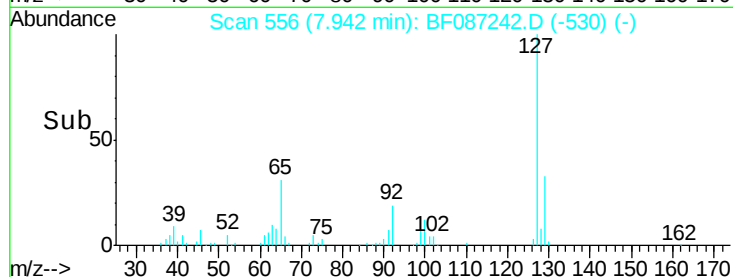
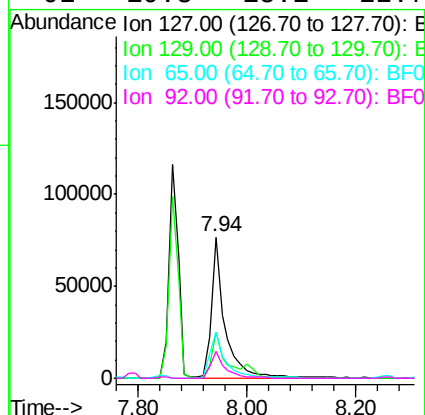
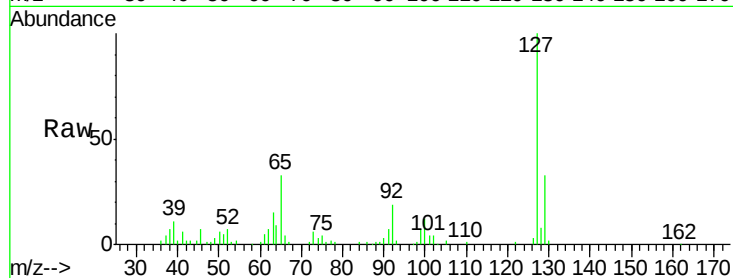




#33
4-Chloroaniline
Concen: 11.29 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

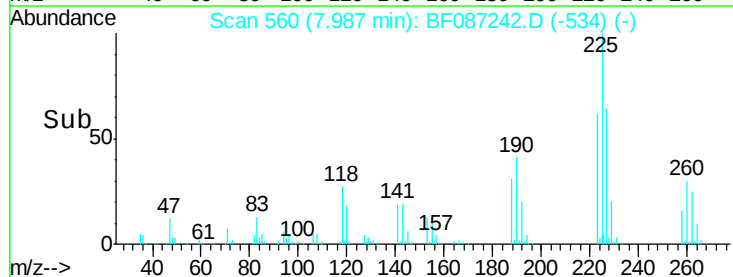
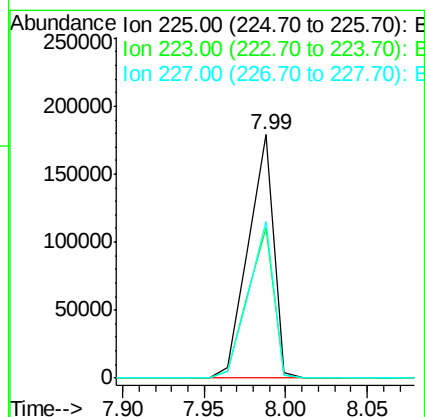
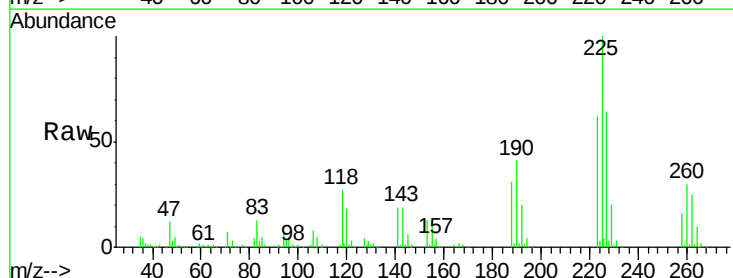
Instrument :
BNA_F
ClientSampleId :
PB90771BS

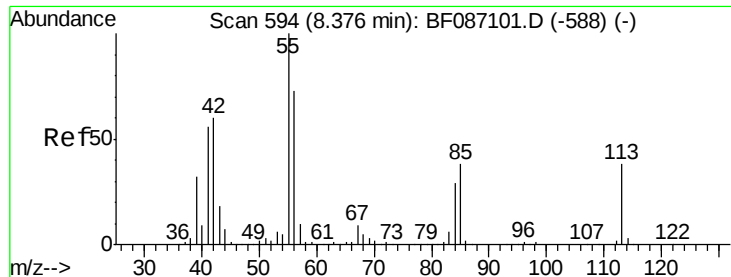
Tgt Ion:	127	Resp:	130215
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	32.8	23.0	34.4
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion:	225	Resp:	193912
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.5	77.3
227	64.5	52.2	78.2

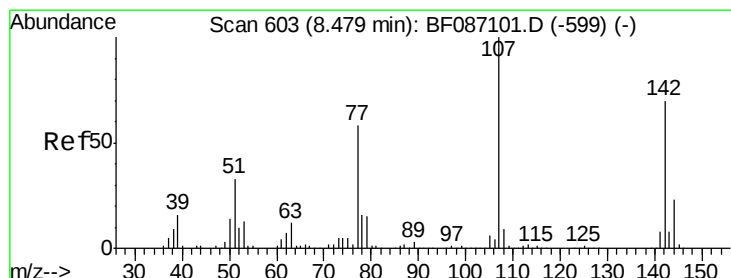
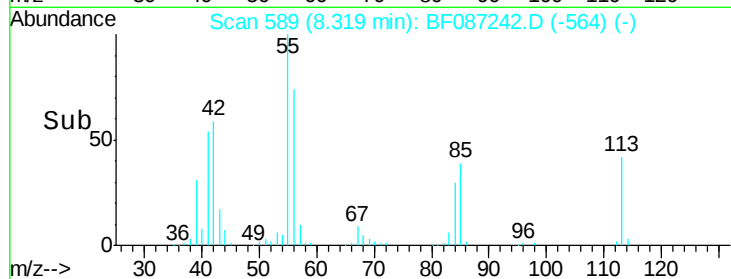
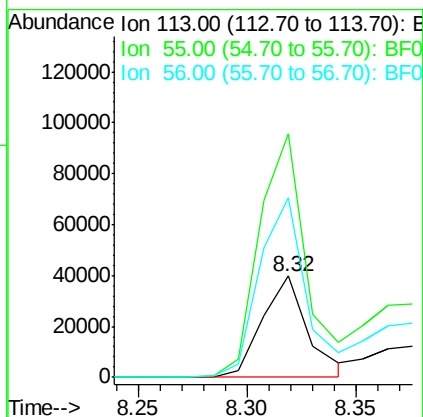
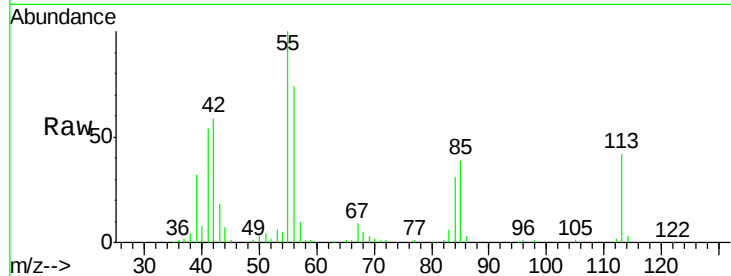




#35
 Caprolactam
 Concen: 22.44 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

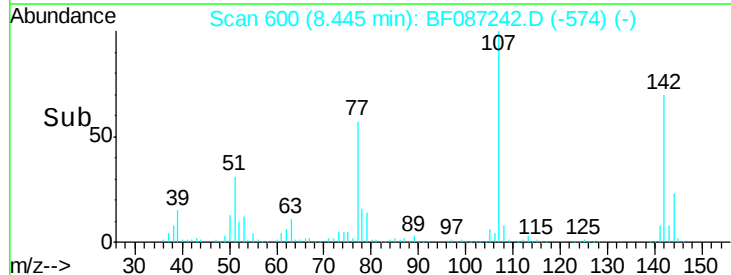
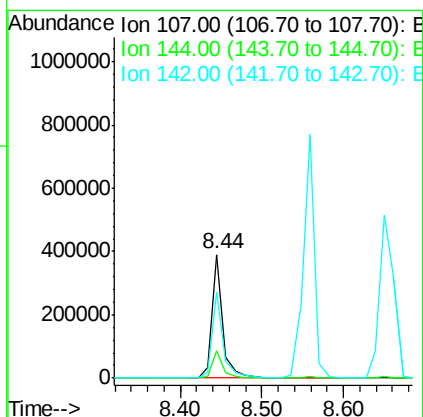
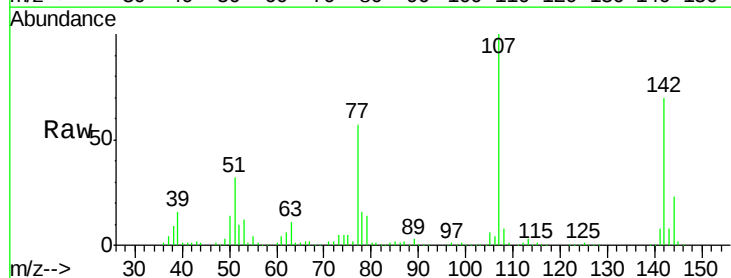
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

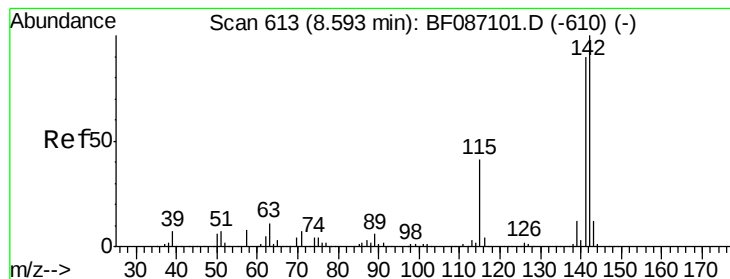
Tgt Ion:113 Resp: 57943
 Ion Ratio Lower Upper
 113 100
 55 240.0 162.0 202.0#
 56 177.2 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 39.58 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:107 Resp: 370209
 Ion Ratio Lower Upper
 107 100
 144 22.6 20.7 31.1
 142 70.1 63.2 94.8





#37

2-Methylnaphthalene

Concen: 40.89 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.10 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

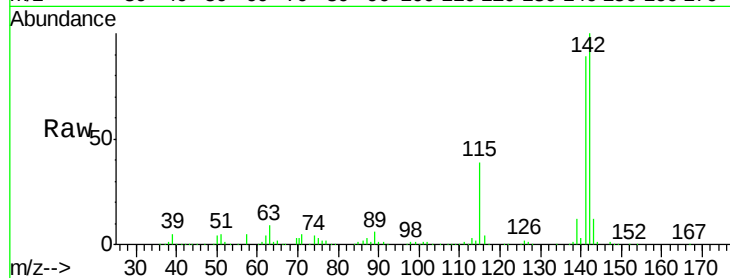
Tgt Ion:142 Resp: 725974

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

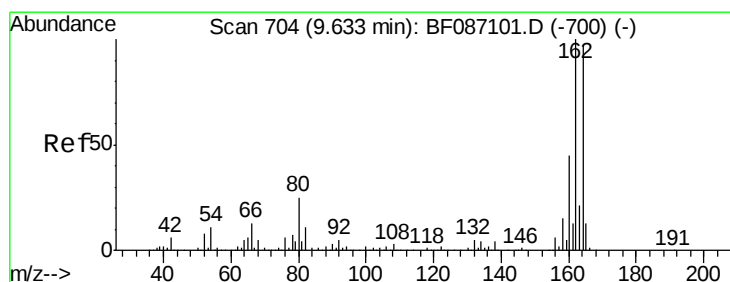
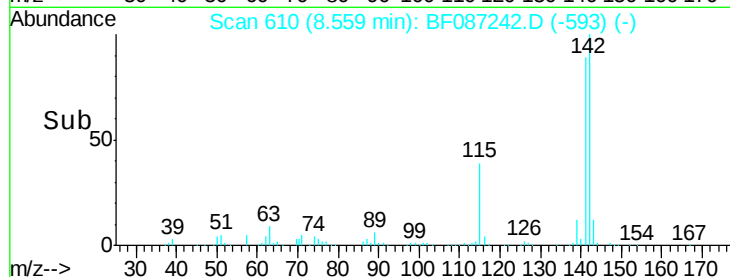
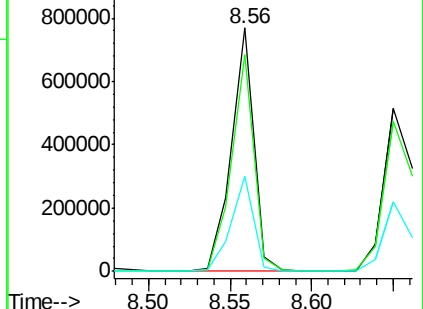
115 39.1 26.6 39.8



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: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

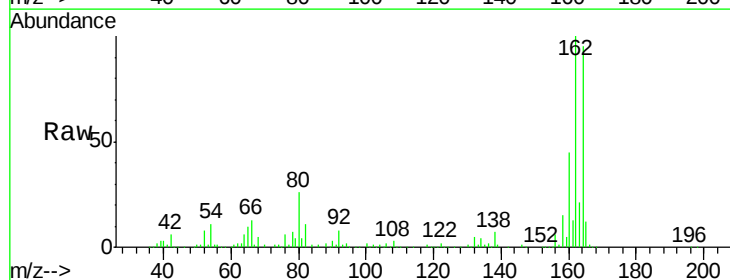
Tgt Ion:164 Resp: 277445

Ion Ratio Lower Upper

164 100

162 104.9 82.8 124.2

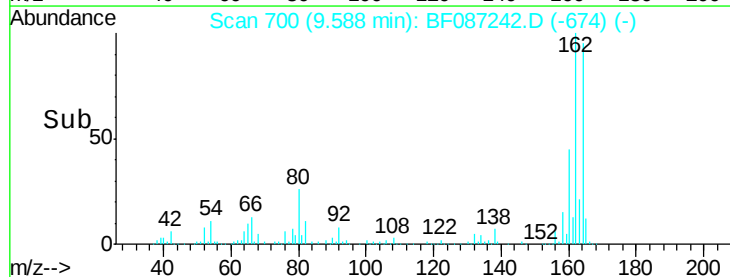
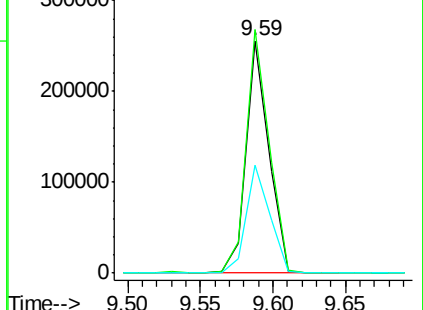
160 46.7 36.9 55.3

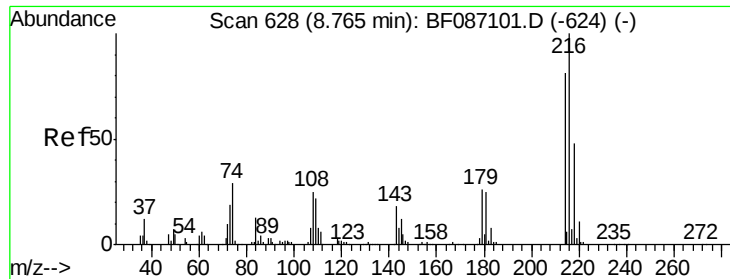


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

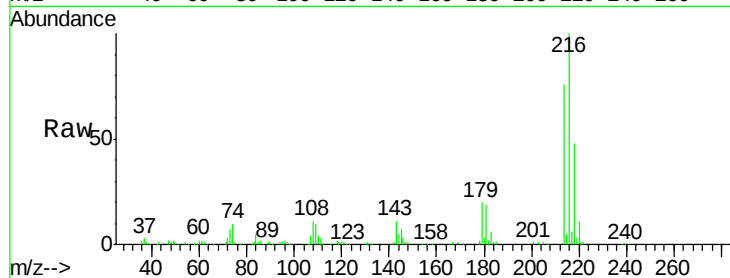




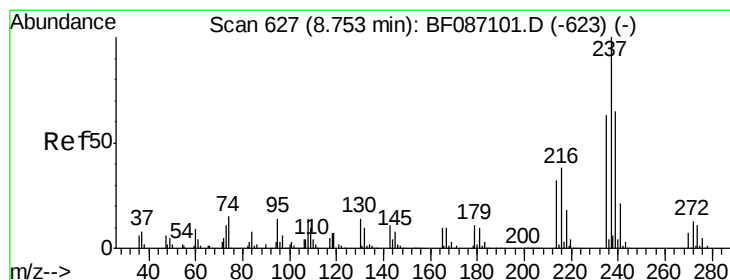
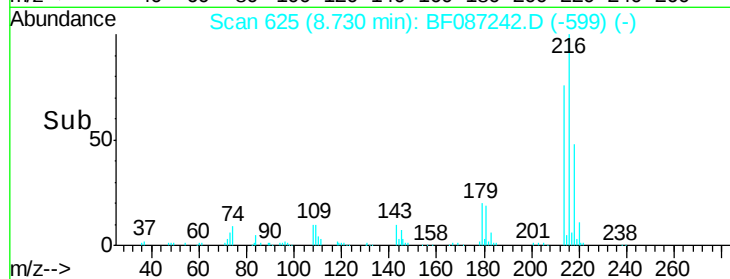
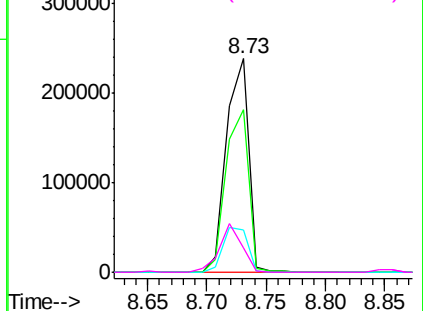
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.24 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Tgt Ion:	216	Resp:	309842
Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.6	93.8
179	22.7	18.2	27.4
108	23.1	17.5	26.3

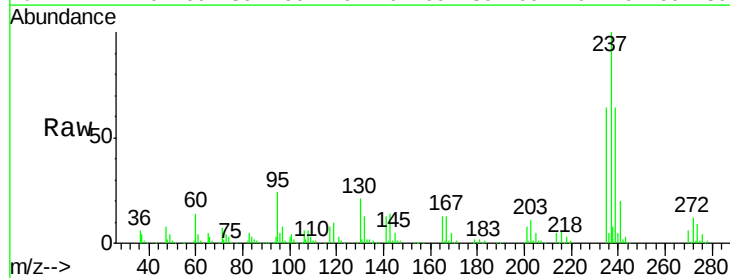


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

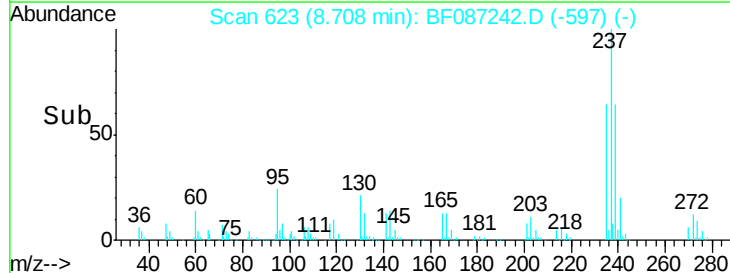
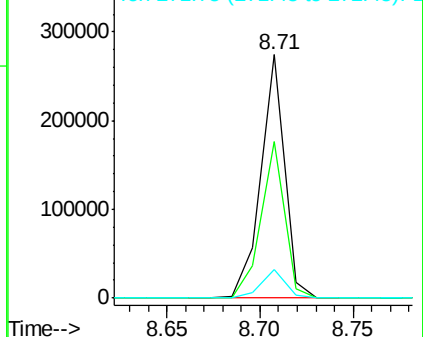


#40
 Hexachlorocyclopentadiene
 Concen: 77.00 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:	237	Resp:	239923
Ion	Ratio	Lower	Upper
237	100		
235	64.4	47.2	87.2
272	11.5	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

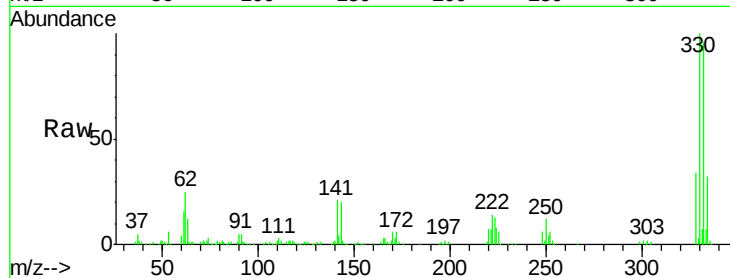




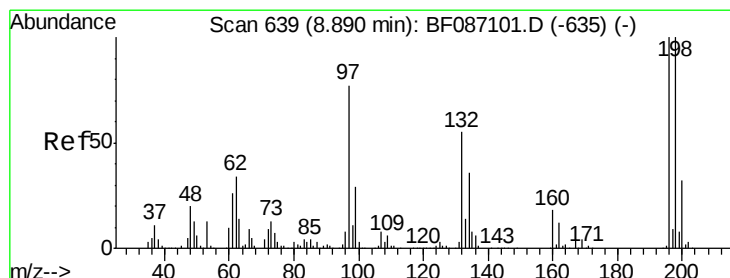
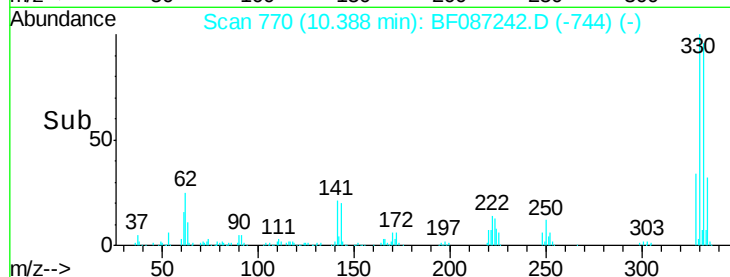
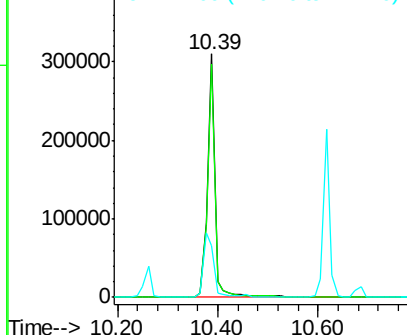
#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Tgt Ion:330 Resp: 324668
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.0 118.4
 141 35.3 31.2 46.8

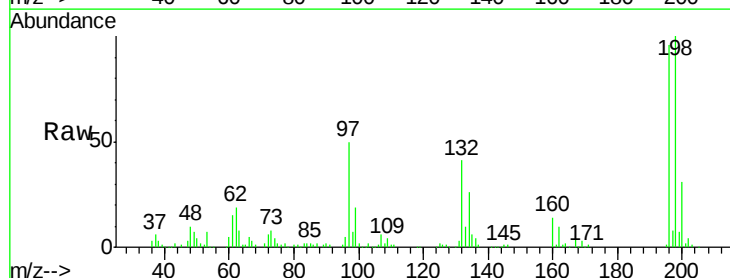


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

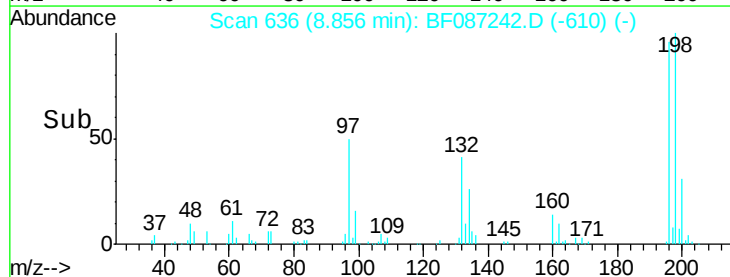
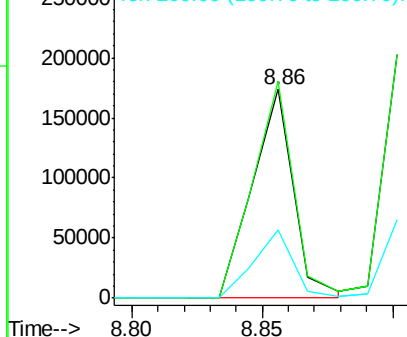


#42
 2,4,6-Trichlorophenol
 Concen: 36.57 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:196 Resp: 192162
 Ion Ratio Lower Upper
 196 100
 198 104.0 74.7 112.1
 200 32.7 23.8 35.6



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

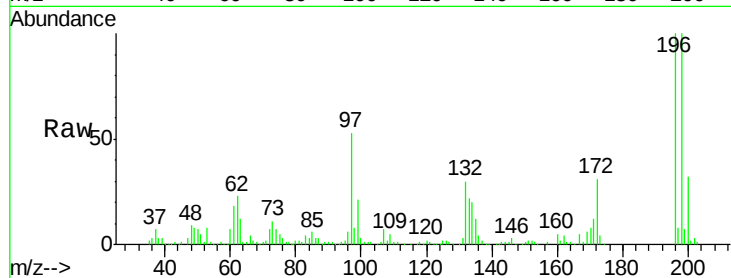




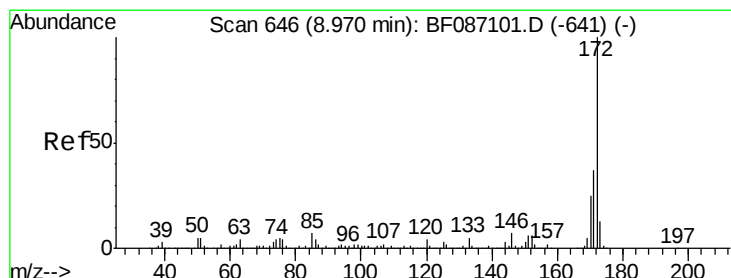
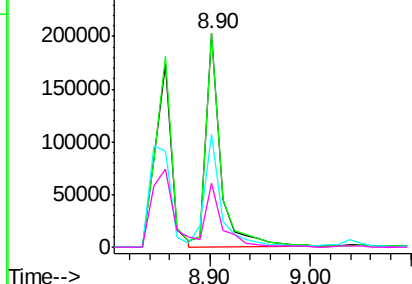
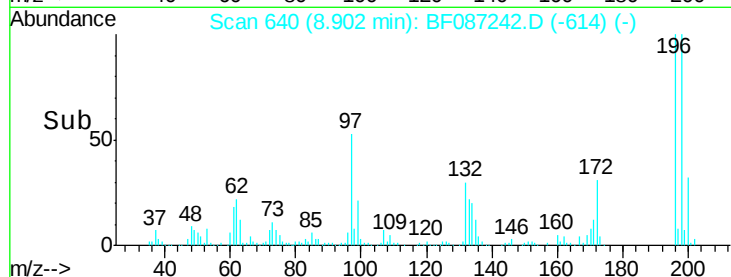
#43
 2,4,5-Trichlorophenol
 Concen: 37.52 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Tgt Ion:	196	Resp:	204840
Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.5	116.3
97	52.9	34.8	52.2#
132	29.8	23.0	34.4

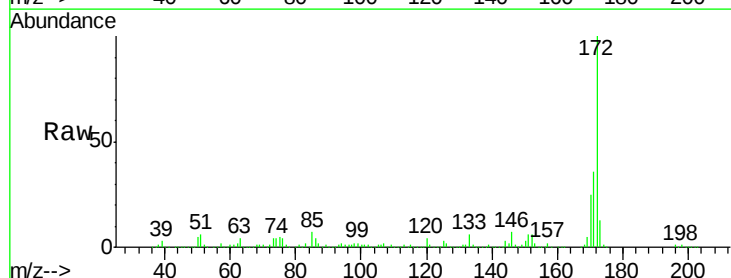


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

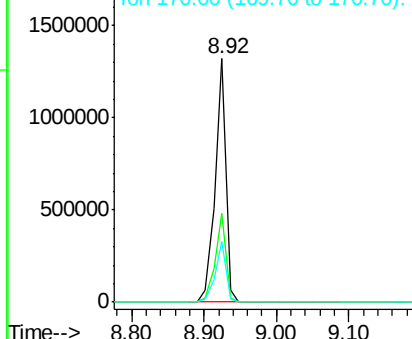
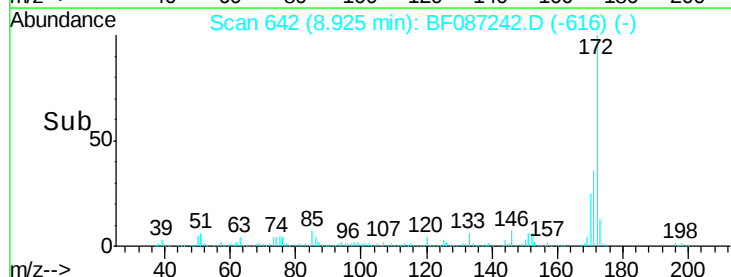


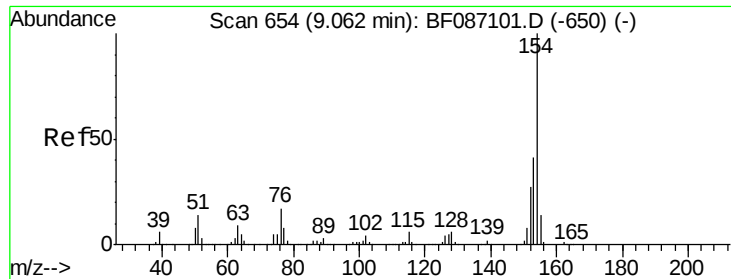
#44
 2-Fluorobiphenyl
 Concen: 80.85 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:	172	Resp:	1354451
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

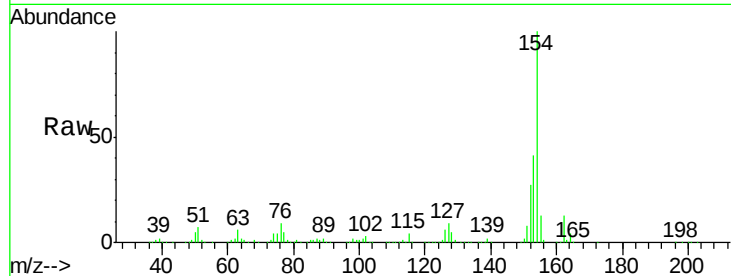




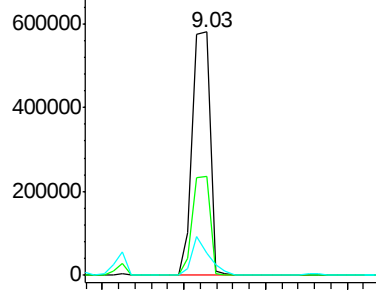
#45
 1,1'-Biphenyl
 Concen: 38.08 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

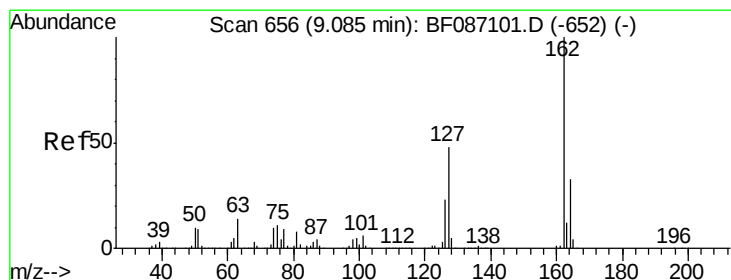
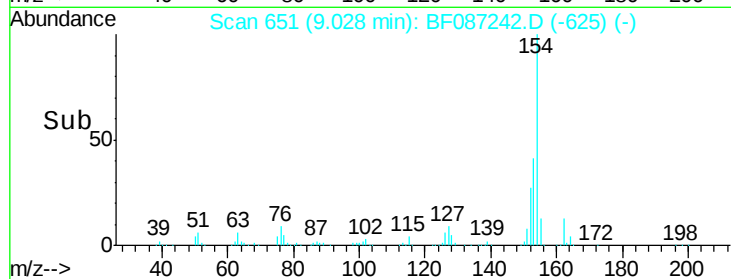
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	8.9	0.0	30.2



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

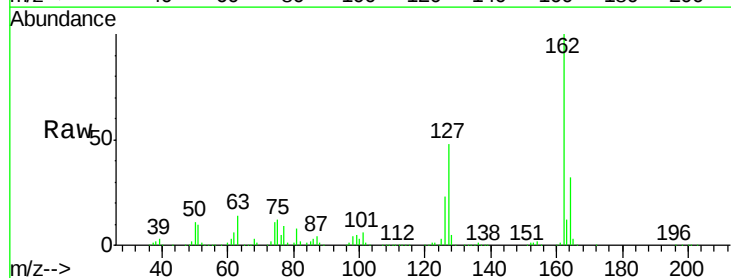


Time-->

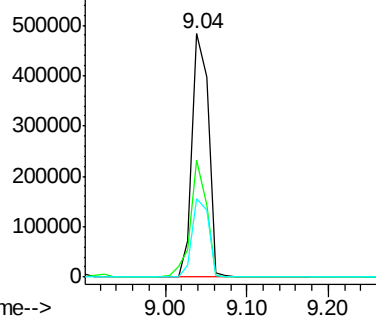


#46
 2-Chloronaphthalene
 Concen: 37.69 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

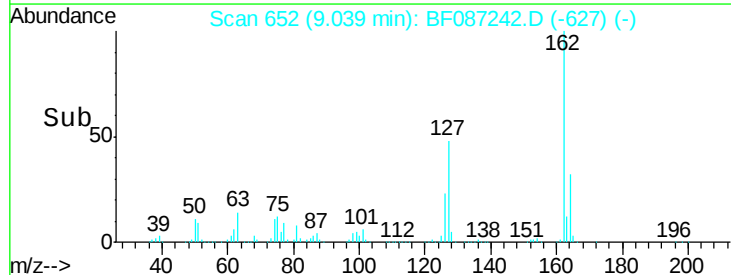
Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.2	31.8	47.6#
164	32.0	27.0	40.6

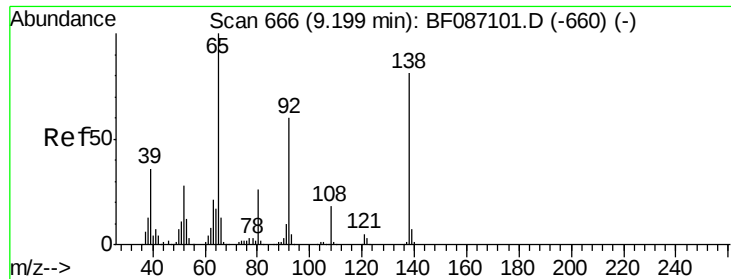


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

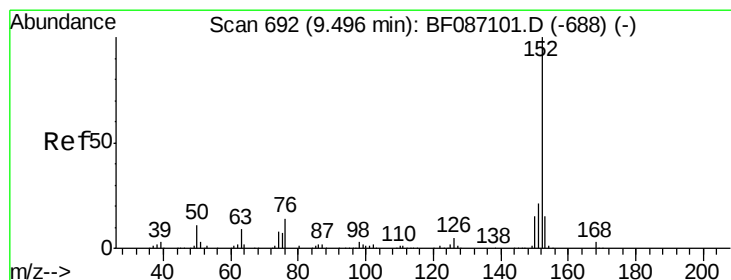
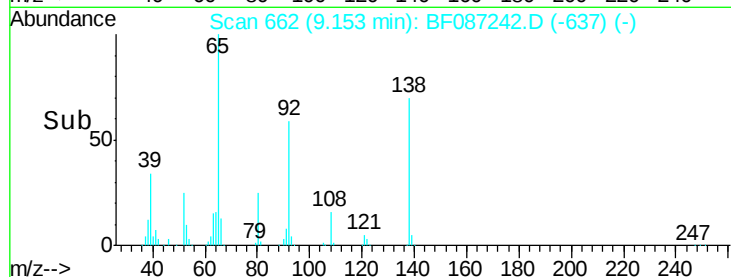
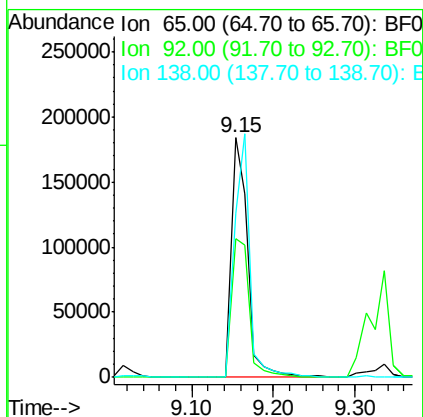
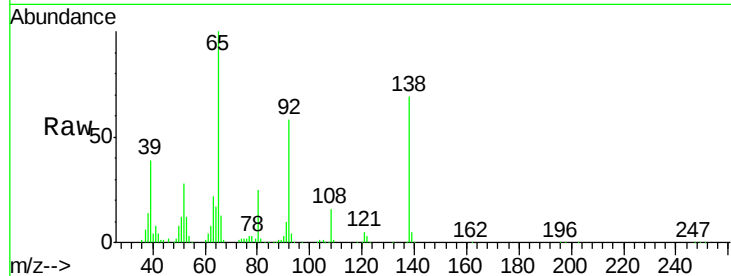




#47
2-Nitroaniline
Concen: 37.16 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

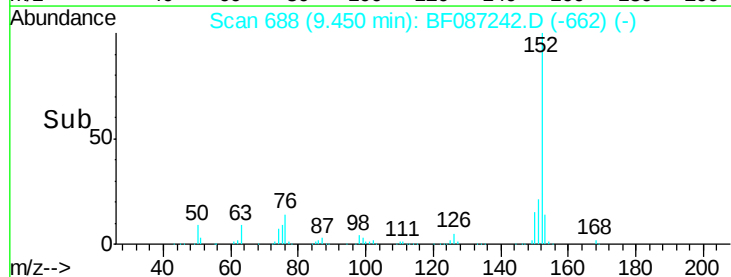
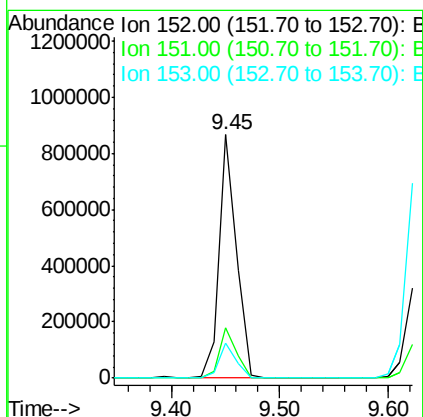
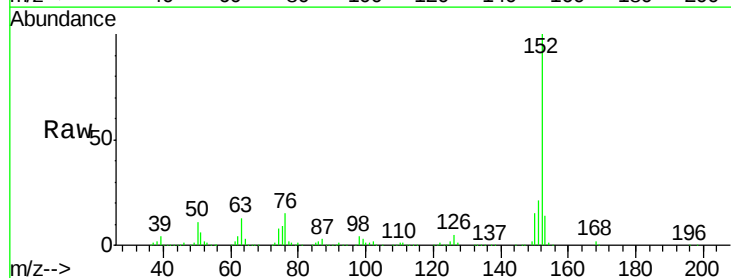
Instrument :
BNA_F
ClientSampleId :
PB90771BS

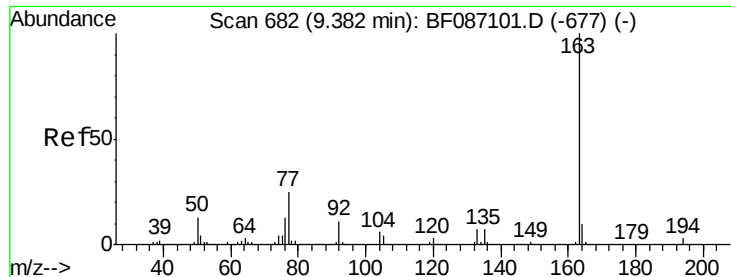
Tgt Ion: 65 Resp: 251492
Ion Ratio Lower Upper
65 100
92 57.9 57.4 86.2
138 68.6 90.1 135.1#



#48
Acenaphthylene
Concen: 35.78 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion: 152 Resp: 964872
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.4 10.9 16.3





#49

Dimethylphthalate

Concen: 37.87 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

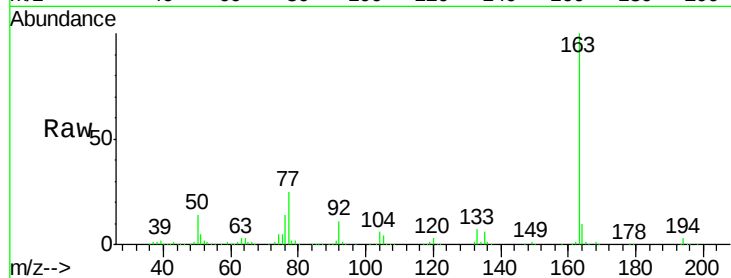
Tgt Ion:163 Resp: 801430

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

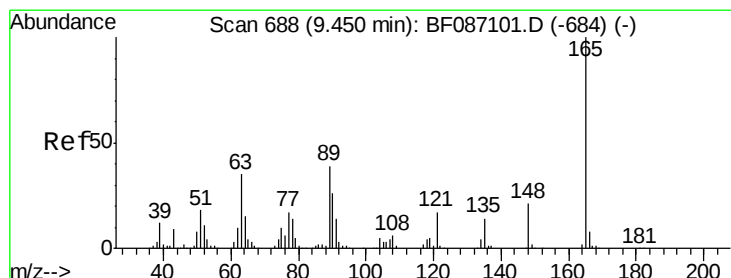
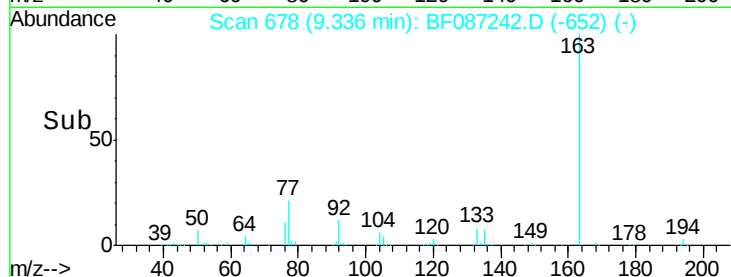
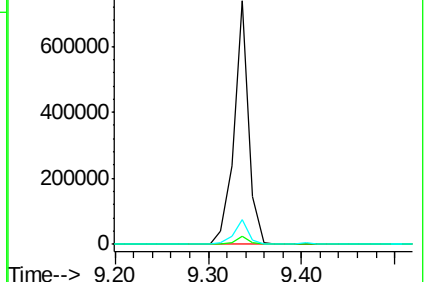
164 10.4 8.2 12.4



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: 42.50 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

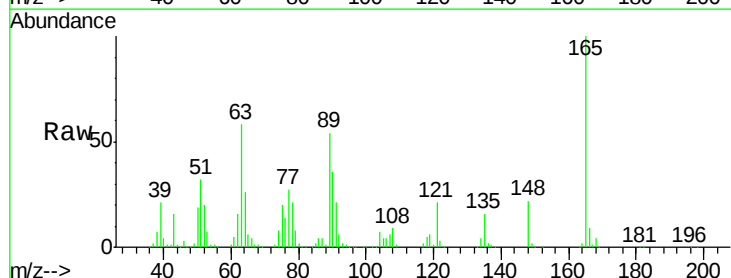
Tgt Ion:165 Resp: 195337

Ion Ratio Lower Upper

165 100

63 58.0 51.8 77.8

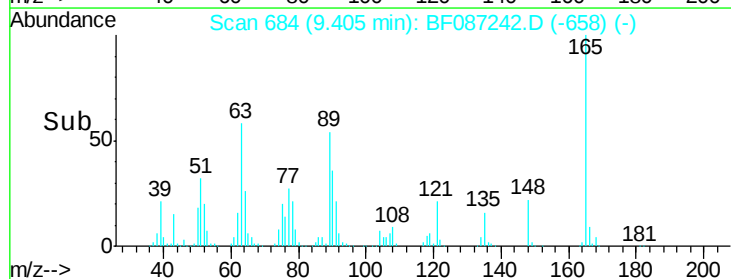
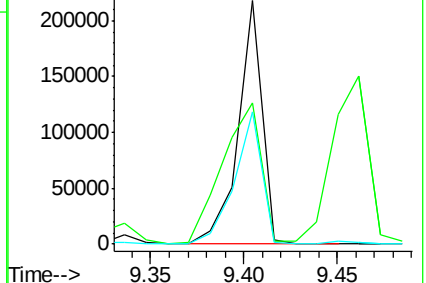
89 54.2 50.7 76.1

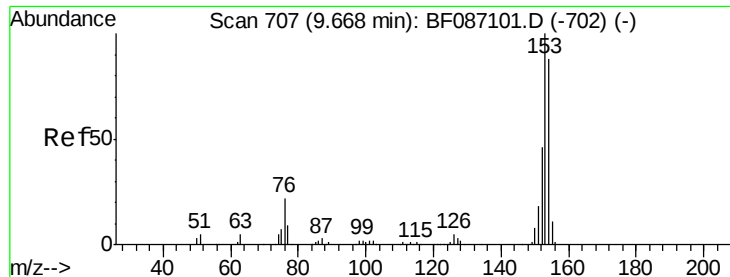


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.23 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

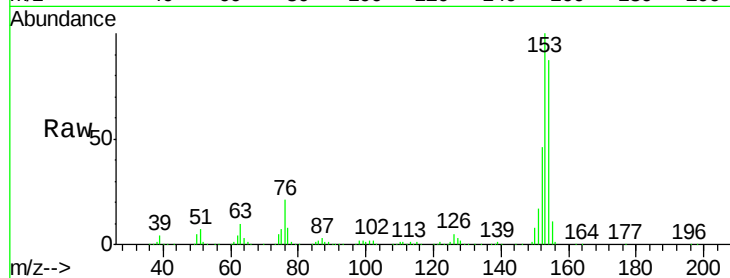
Tgt Ion:154 Resp: 610411

Ion Ratio Lower Upper

154 100

153 114.6 89.8 134.6

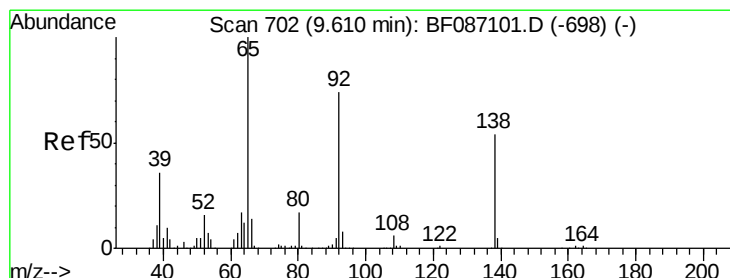
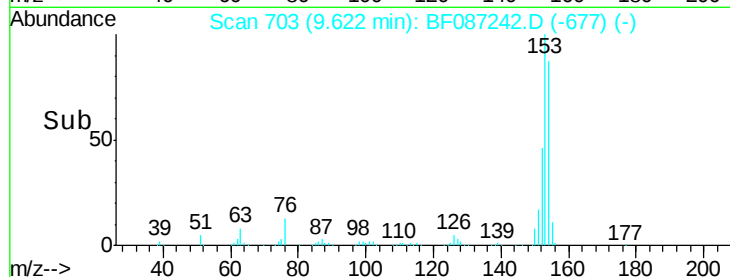
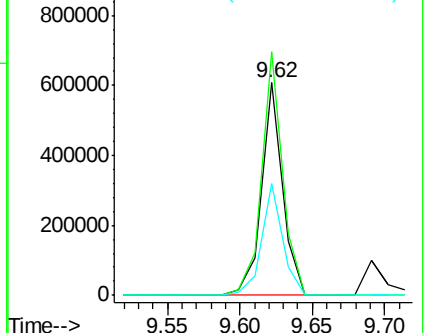
152 52.5 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.14 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

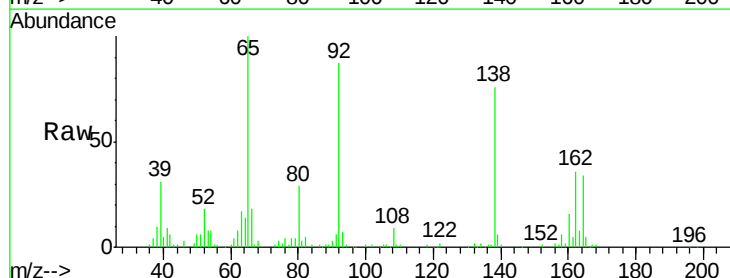
Tgt Ion:138 Resp: 85288

Ion Ratio Lower Upper

138 100

108 12.0 7.8 11.6#

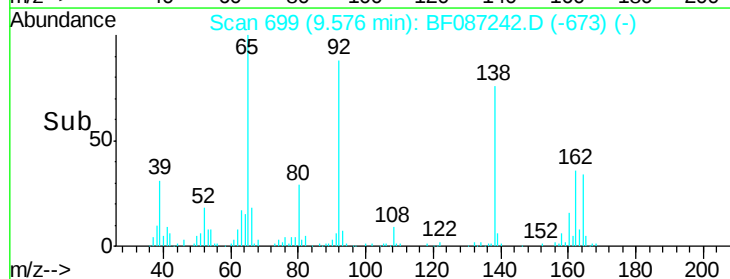
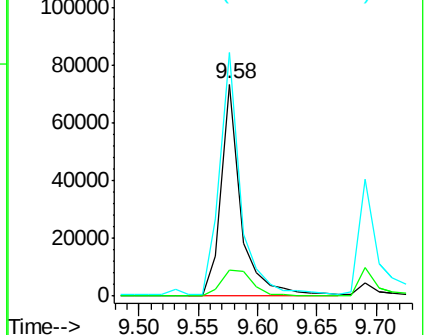
92 114.8 87.8 131.8

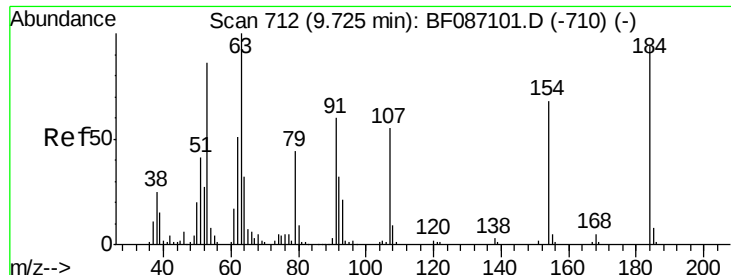


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

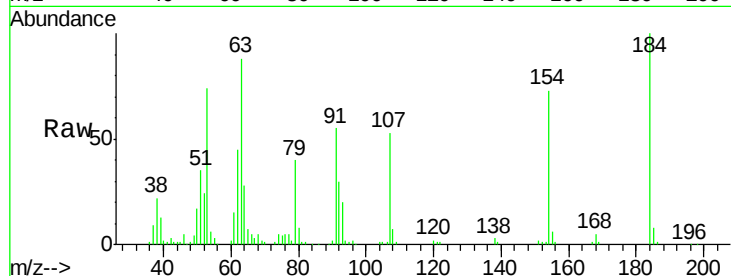




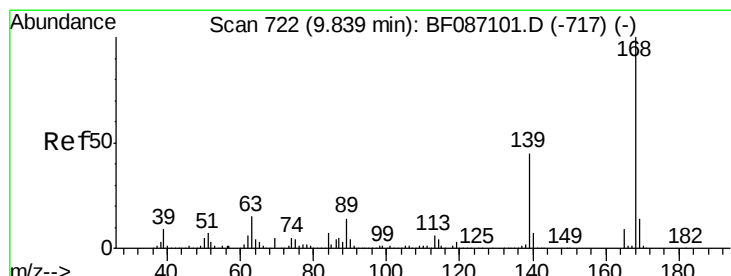
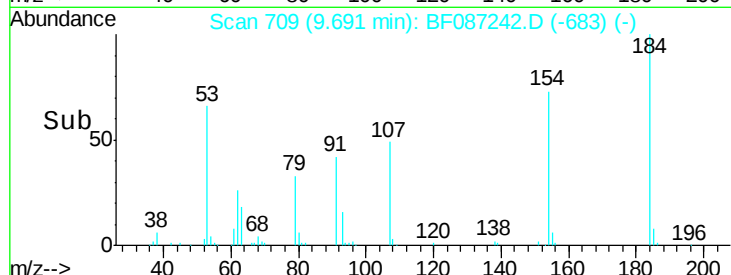
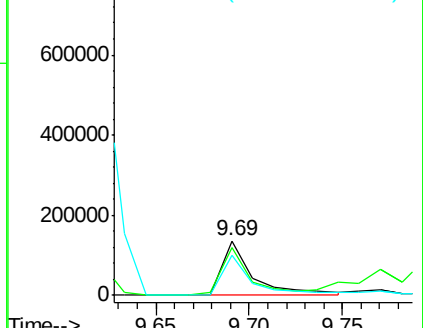
#53
2,4-Dinitrophenol
Concen: 62.13 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Instrument :
BNA_F
ClientSampleId :
PB90771BS

Tgt Ion:184 Resp: 160629
Ion Ratio Lower Upper
184 100
63 87.9 55.8 83.8#
154 72.9 62.4 93.6

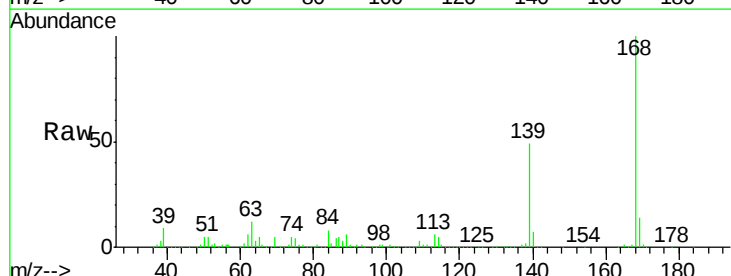


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

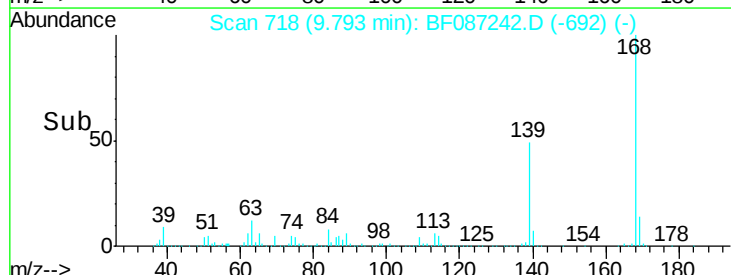
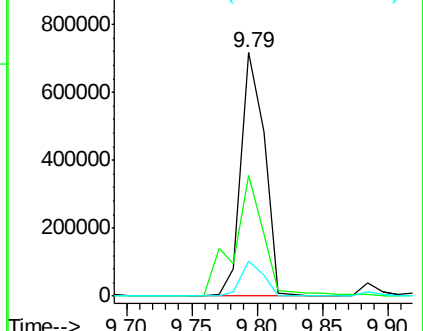


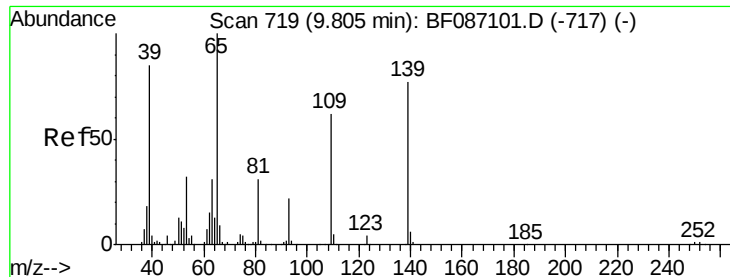
#54
Dibenzofuran
Concen: 40.88 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion:168 Resp: 890646
Ion Ratio Lower Upper
168 100
139 49.4 31.4 47.0#
169 14.3 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: 119.07 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.02 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

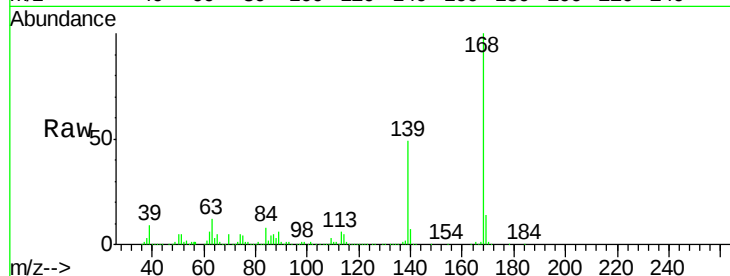
Tgt Ion:139 Resp: 588844

Ion Ratio Lower Upper

139 100

109 7.1 36.9 76.9#

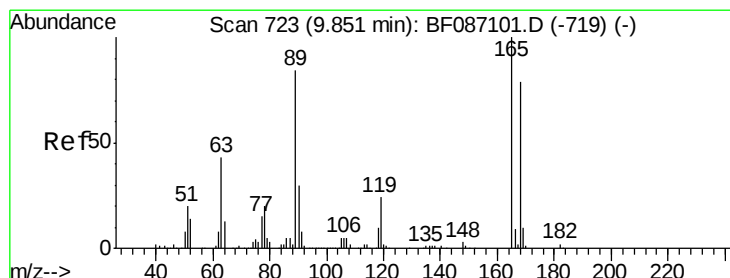
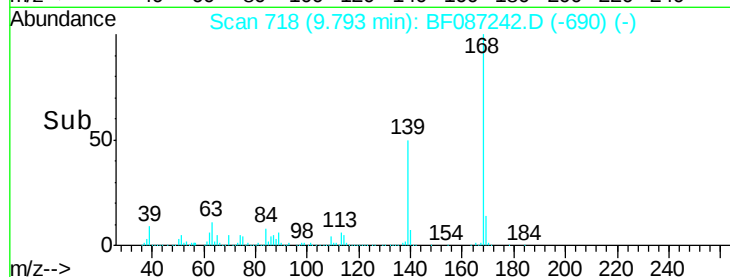
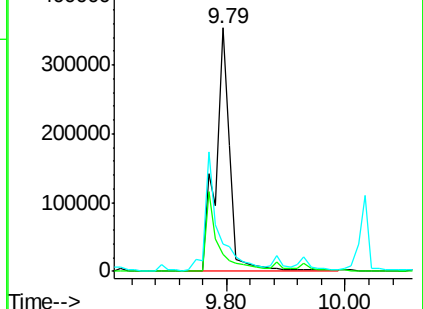
65 11.1 64.0 104.0#



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: 37.71 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Tgt Ion:165 Resp: 221963

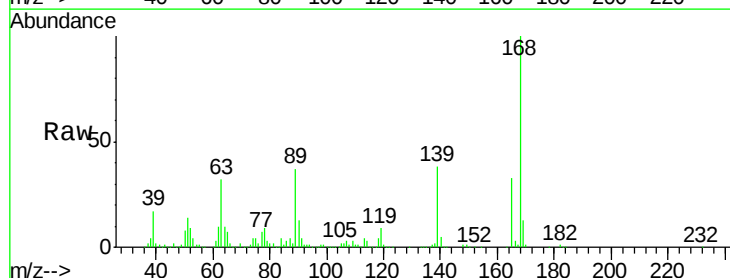
Ion Ratio Lower Upper

165 100

63 96.1 44.3 66.5#

89 111.6 70.0 105.0#

182 2.2 1.8 2.6

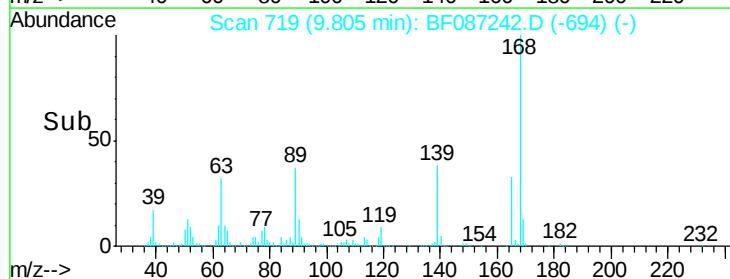
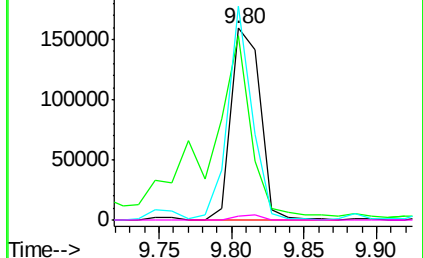


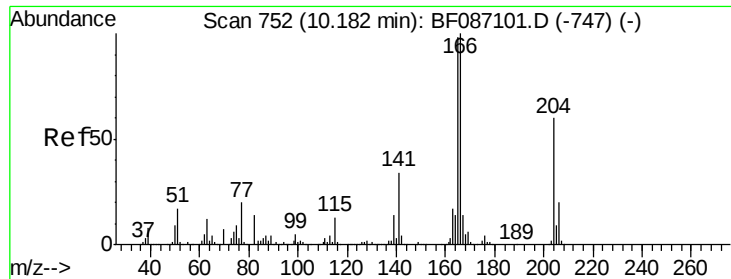
Abundance Ion 165.00 (164.70 to 165.70): E

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

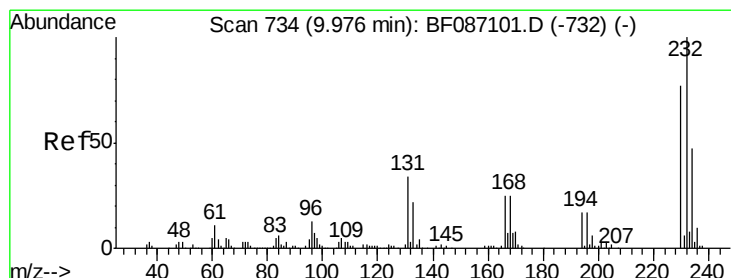
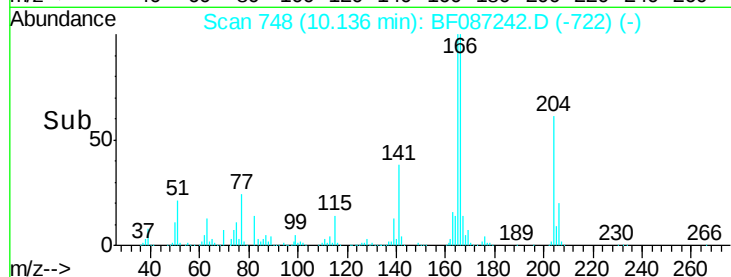
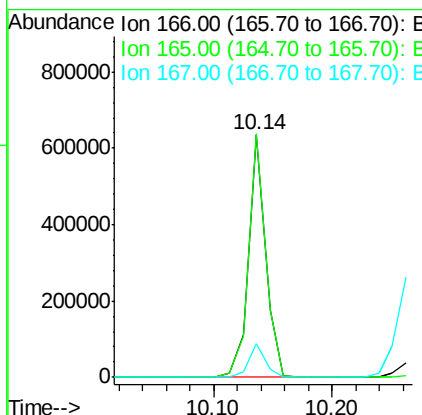
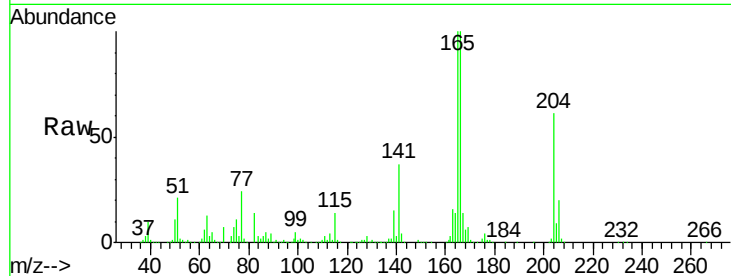




#57
 Fluorene
 Concen: 37.05 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

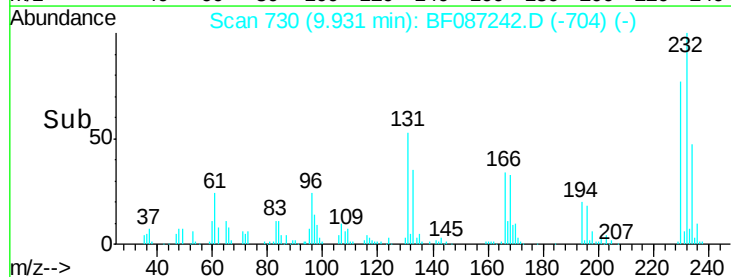
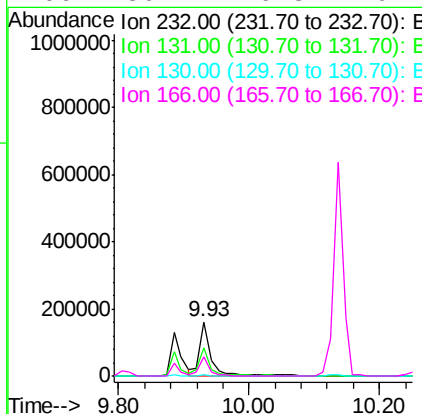
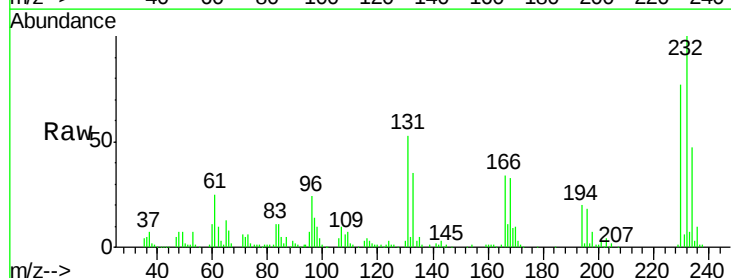
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

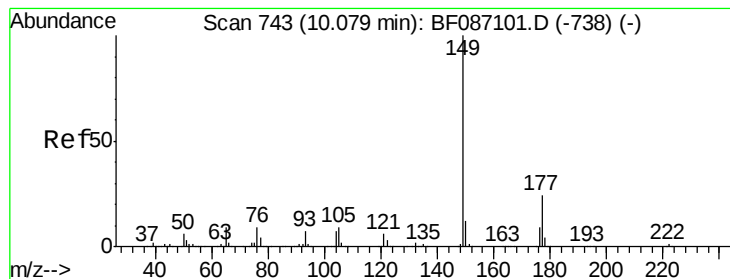
Tgt Ion:166 Resp: 648573
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.0 118.6
 167 13.8 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.48 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:232 Resp: 189135
 Ion Ratio Lower Upper
 232 100
 131 50.4 41.9 62.9
 130 2.6 2.2 3.4
 166 30.1 26.8 40.2





#59

Diethylphthalate

Concen: 40.48 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

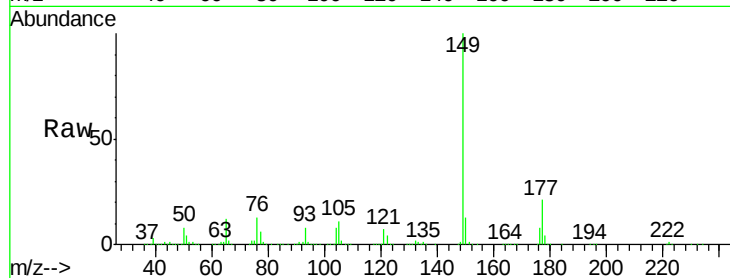
Tgt Ion:149 Resp: 817913

Ion Ratio Lower Upper

149 100

177 21.5 16.6 24.8

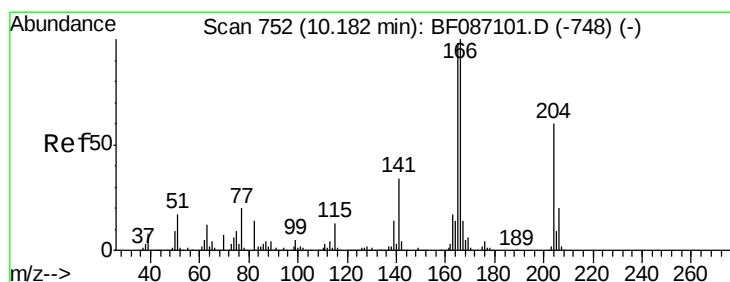
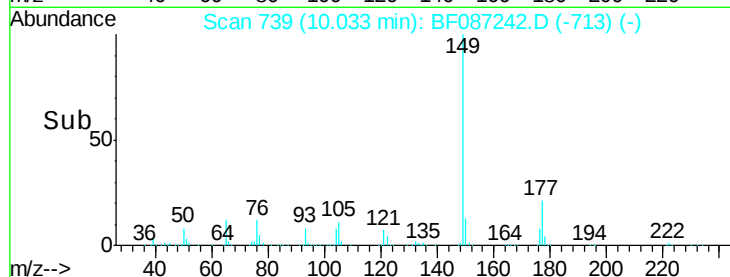
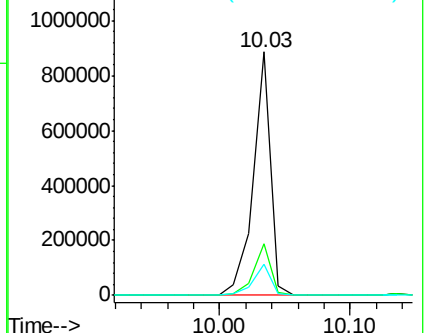
150 12.8 10.0 15.0



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: 42.73 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

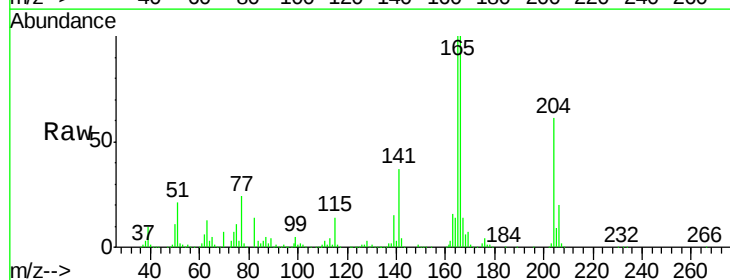
Tgt Ion:204 Resp: 354553

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

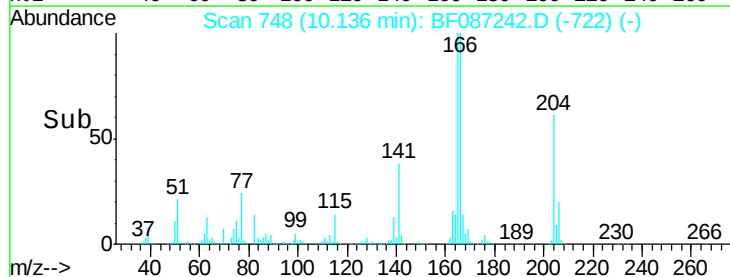
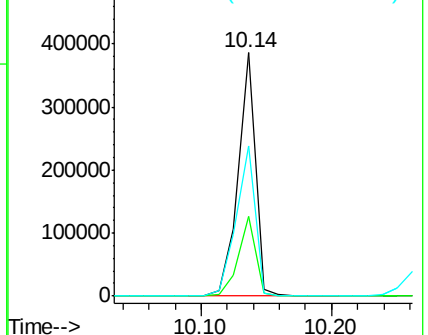
141 61.8 61.6 92.4

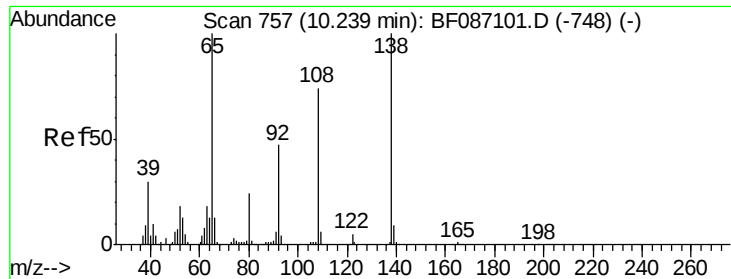


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.71 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

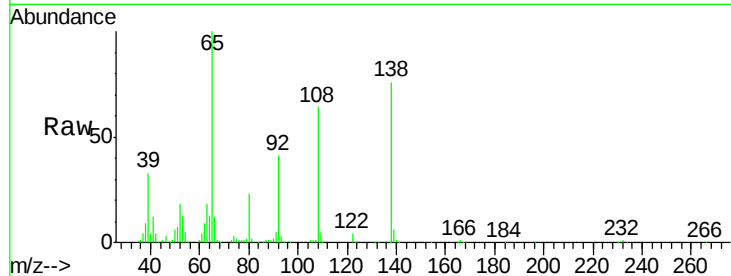
Tgt Ion:138 Resp: 180299

Ion Ratio Lower Upper

138 100

92 54.2 24.7 64.7

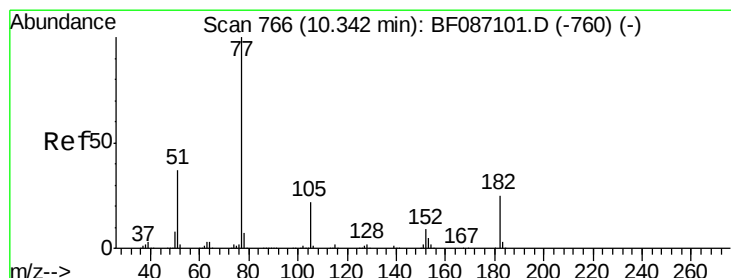
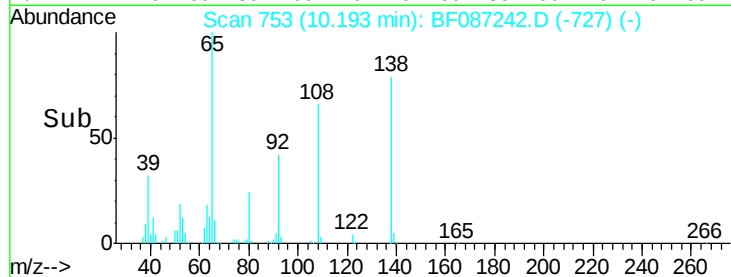
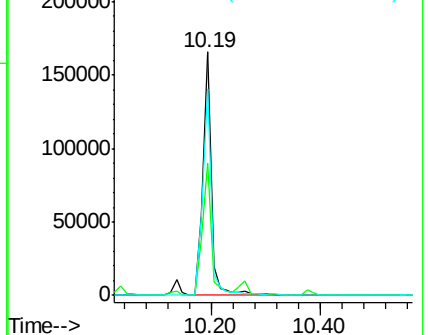
108 84.6 37.4 77.4#



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: 43.31 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Tgt Ion: 77 Resp: 1008261

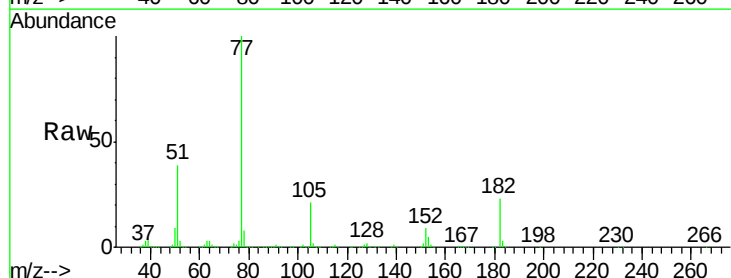
Ion Ratio Lower Upper

77 100

182 22.9 0.0 38.8

105 21.5 3.2 43.2

51 39.4 8.8 48.8

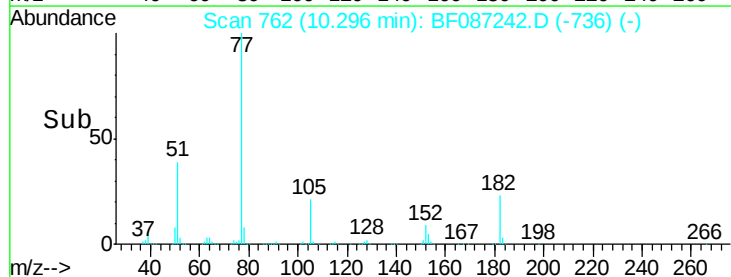
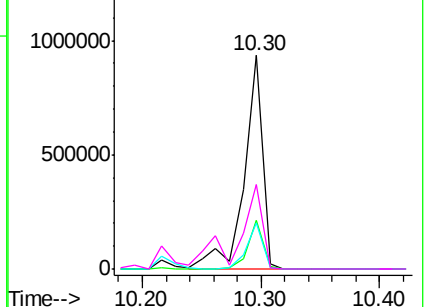


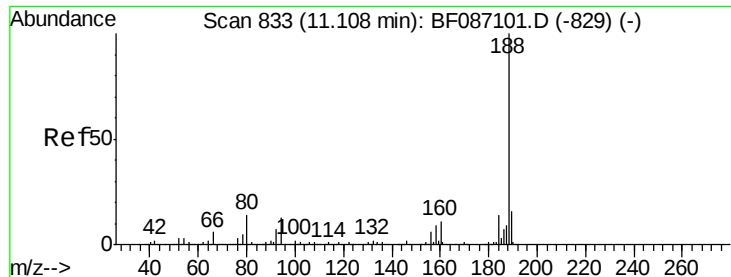
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

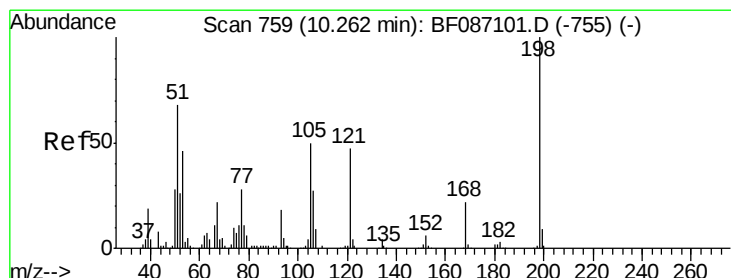
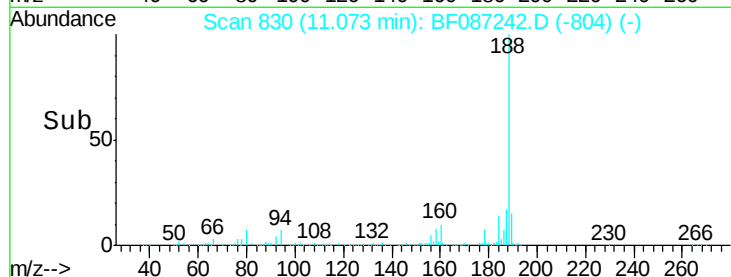
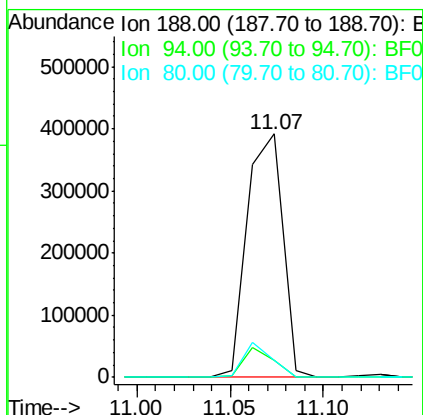
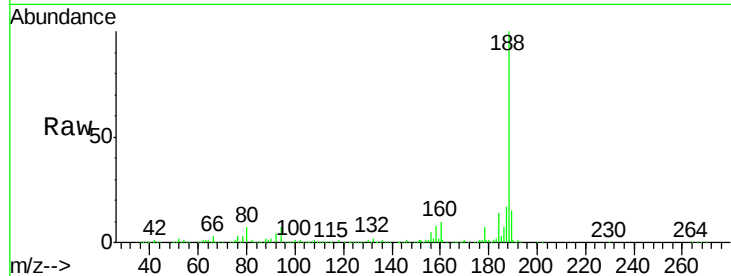




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

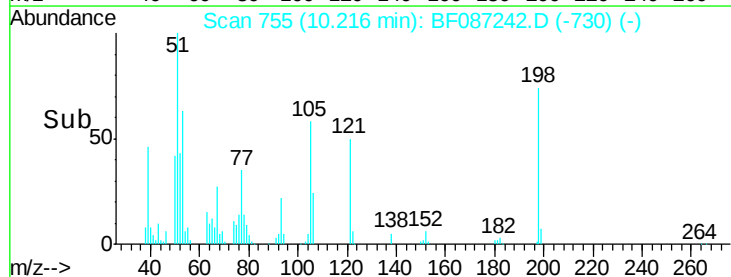
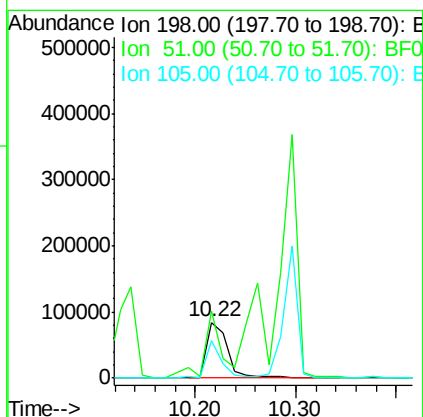
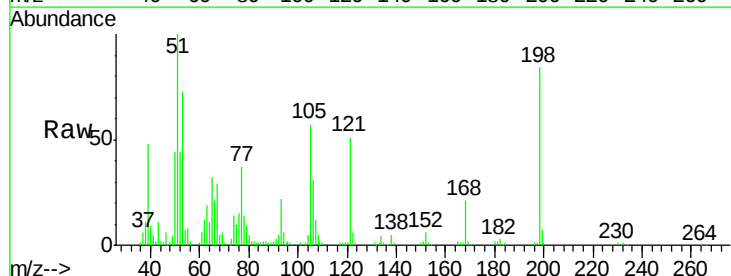
Instrument :
BNA_F
ClientSampleId :
PB90771BS

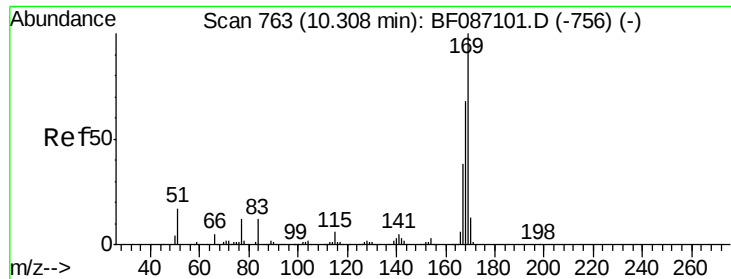
Tgt Ion:188 Resp: 521414
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.3 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 35.69 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion:198 Resp: 122550
Ion Ratio Lower Upper
198 100
51 119.0 20.5 60.5#
105 68.0 24.5 64.5#





#65

n-Nitrosodiphenylamine

Concen: 41.21 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

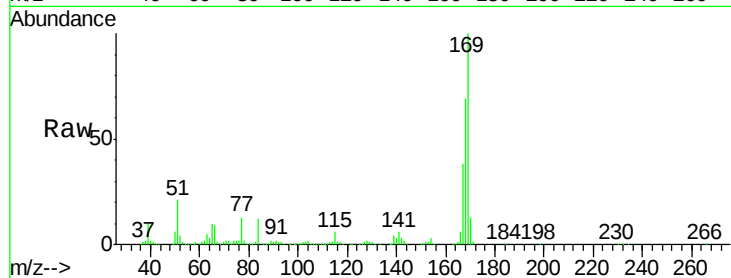
Tgt Ion:169 Resp: 676280

Ion Ratio Lower Upper

169 100

168 68.6 53.8 80.6

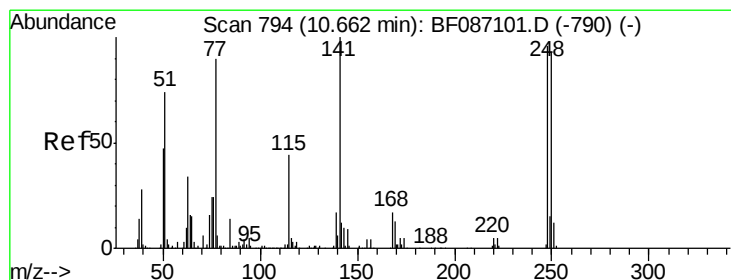
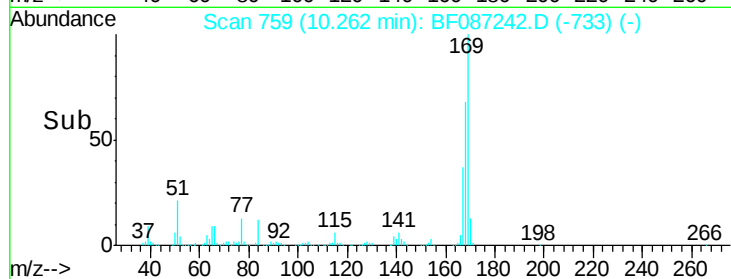
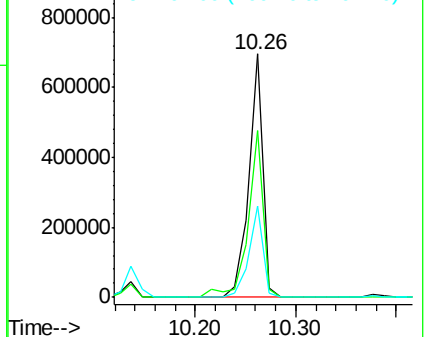
167 37.6 29.5 44.3



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: 37.03 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

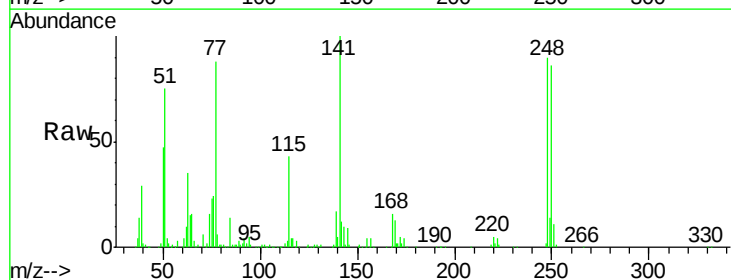
Tgt Ion:248 Resp: 198574

Ion Ratio Lower Upper

248 100

250 96.4 78.6 117.8

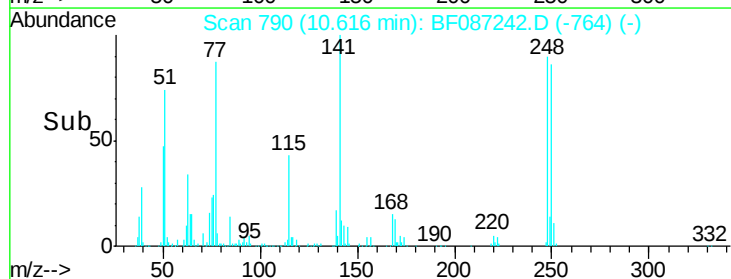
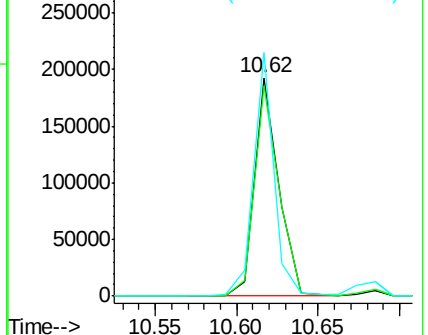
141 111.5 76.0 114.0

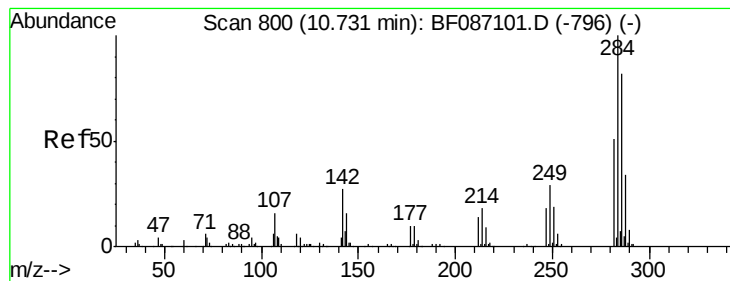


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.25 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

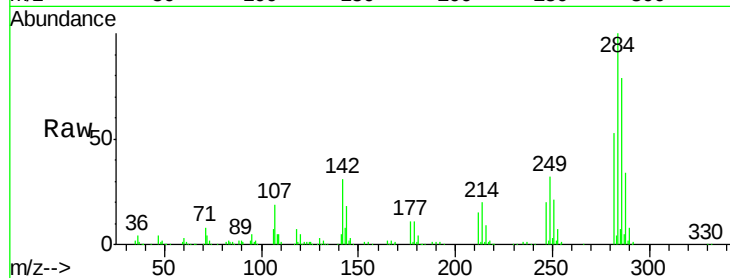
Tgt Ion:284 Resp: 231545

Ion Ratio Lower Upper

284 100

142 30.8 16.7 25.1#

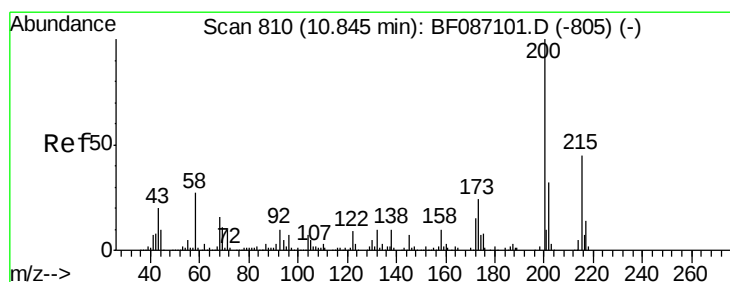
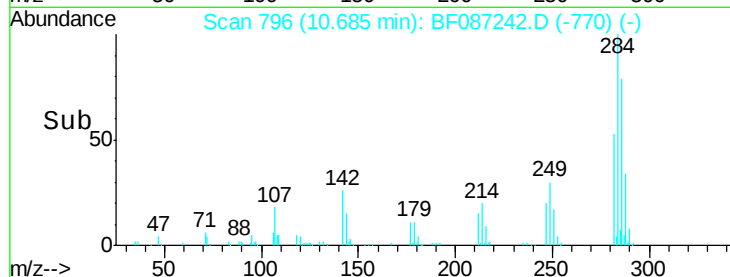
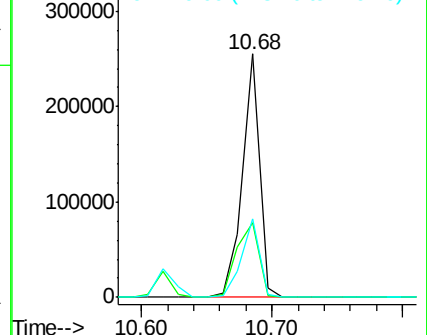
249 32.3 21.3 31.9#



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: 43.72 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

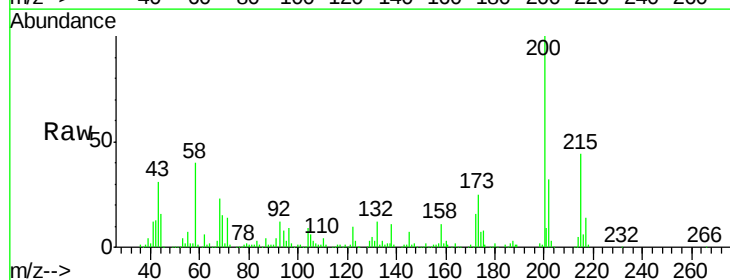
Tgt Ion:200 Resp: 234012

Ion Ratio Lower Upper

200 100

173 25.1 8.5 48.5

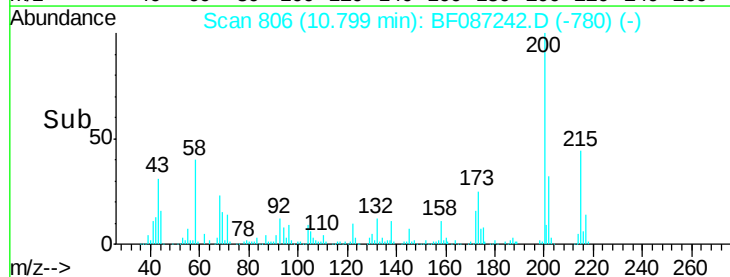
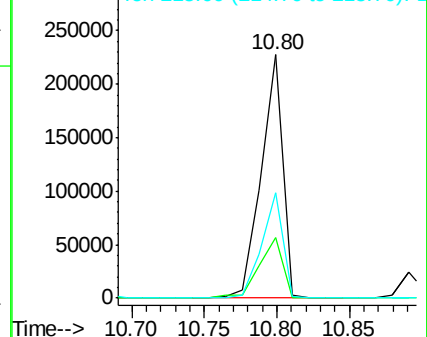
215 43.5 27.2 67.2

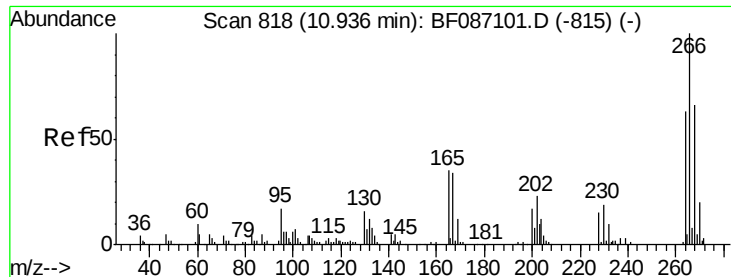


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

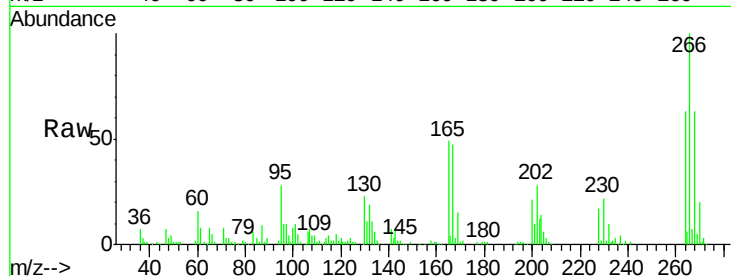




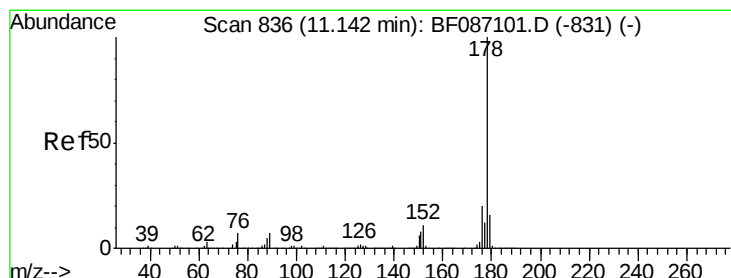
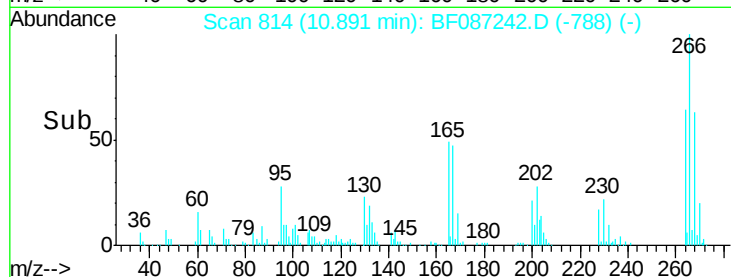
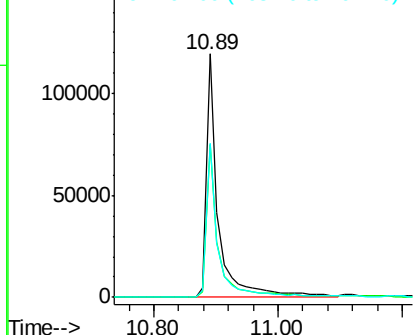
#69
 Pentachlorophenol
 Concen: 68.20 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Tgt Ion:266 Resp: 159274
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 63.5 52.9 79.3

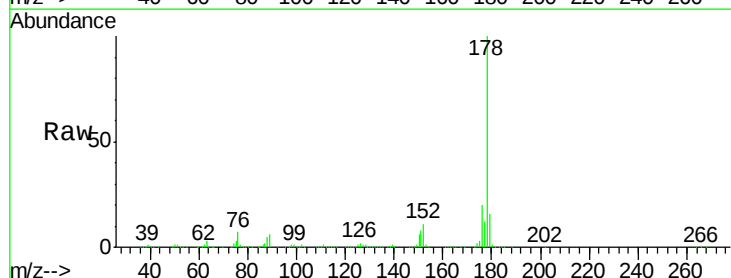


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

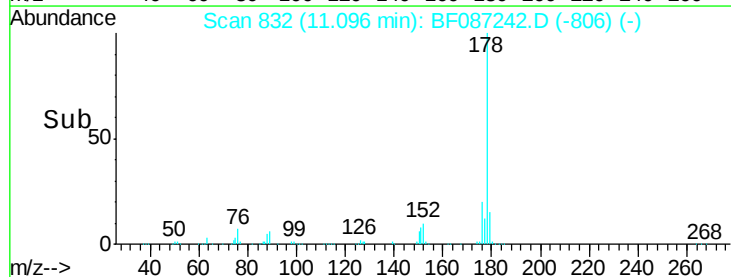
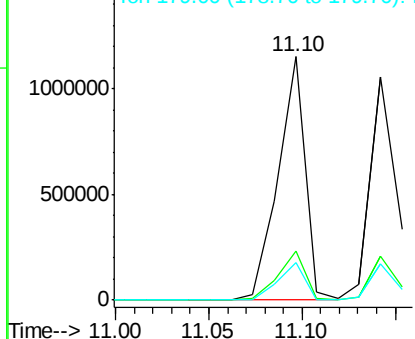


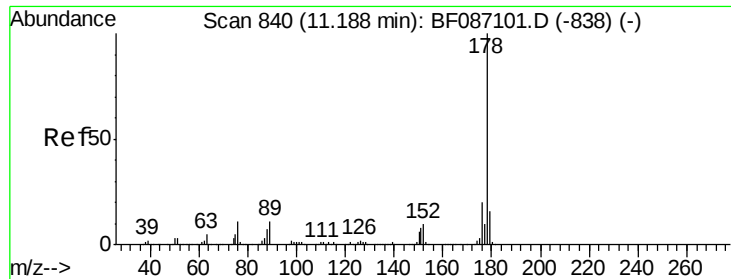
#70
 Phenanthrene
 Concen: 41.03 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:178 Resp: 1160418
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.5 12.6 18.8



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

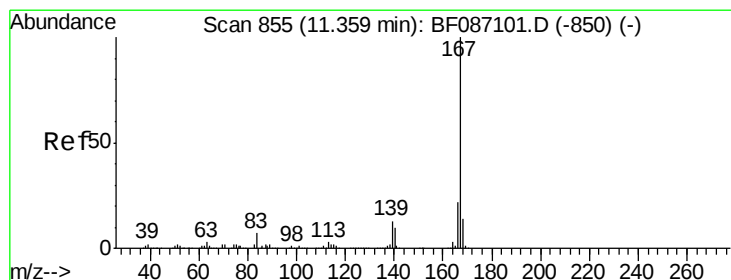
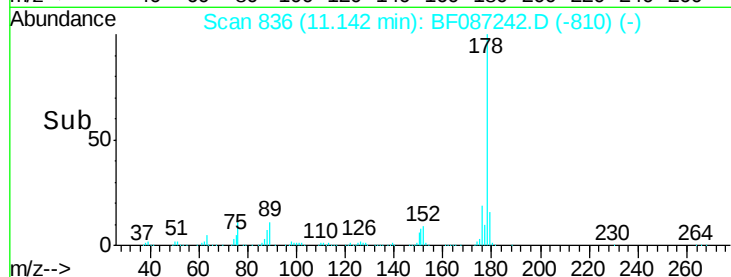
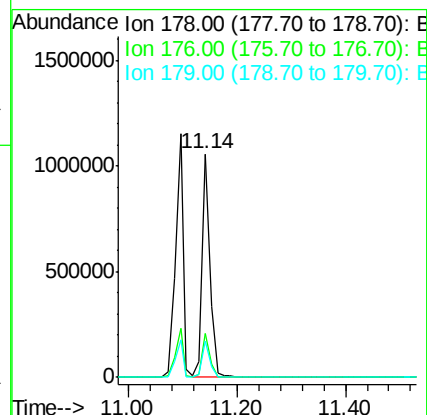
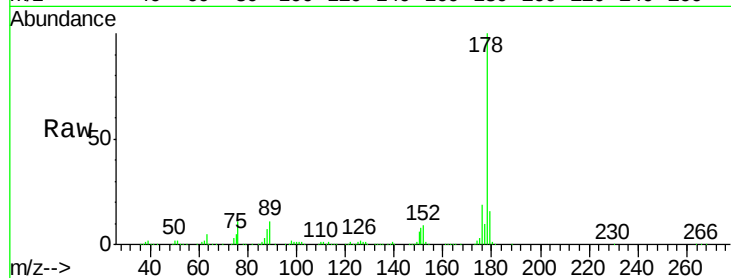




#71
 Anthracene
 Concen: 36.53 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

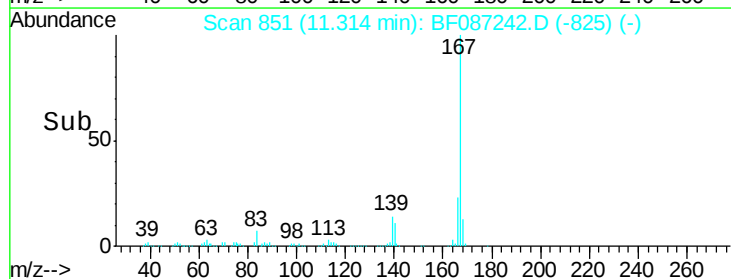
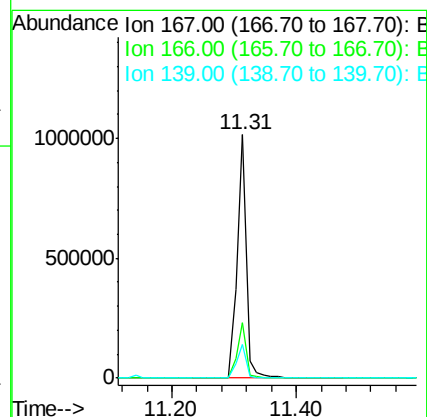
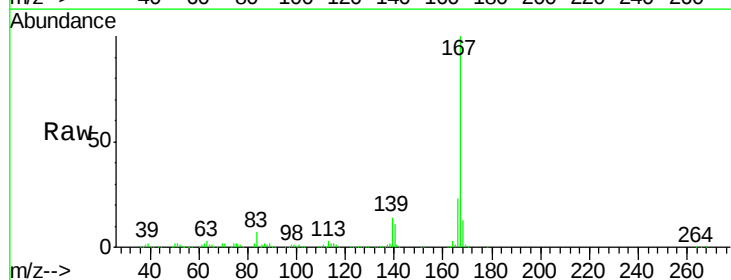
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

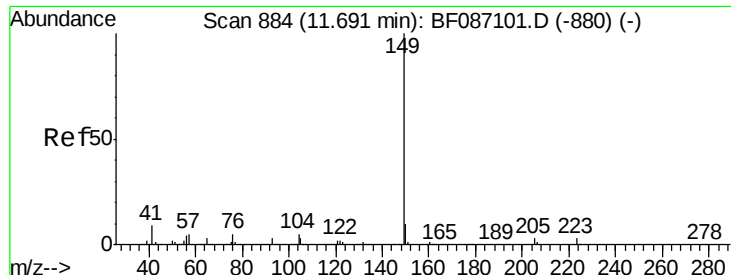
Tgt Ion:178 Resp: 1044811
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 39.61 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion:167 Resp: 1035003
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 13.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.17 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

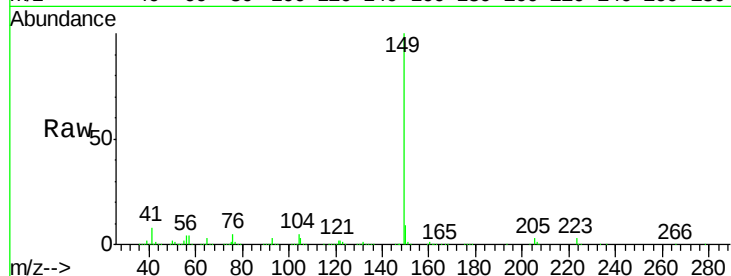
Tgt Ion:149 Resp: 1295632

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

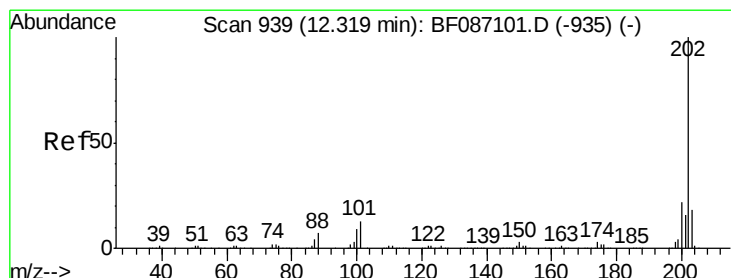
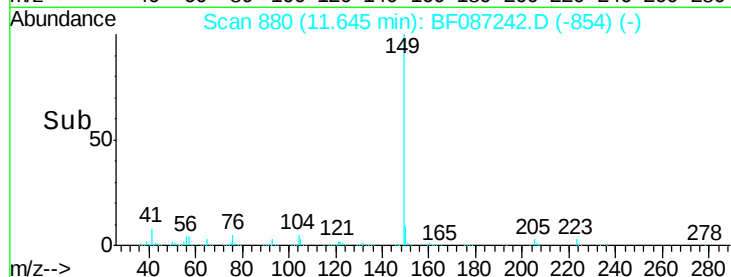
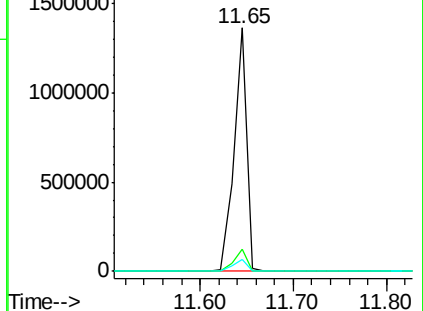
104 5.1 3.8 5.6



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: 39.01 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

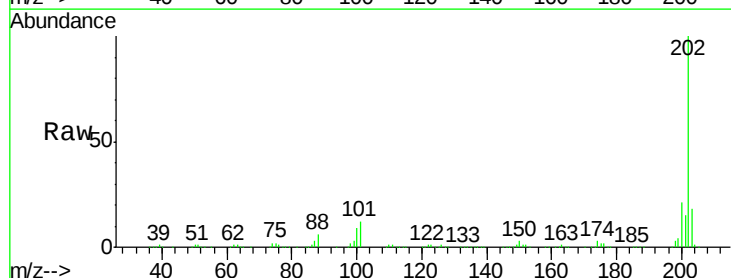
Tgt Ion:202 Resp: 1105280

Ion Ratio Lower Upper

202 100

101 11.5 0.0 35.4

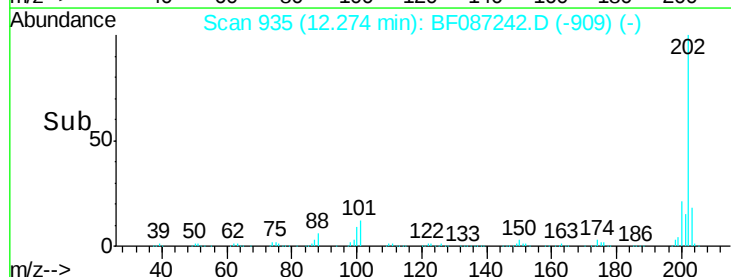
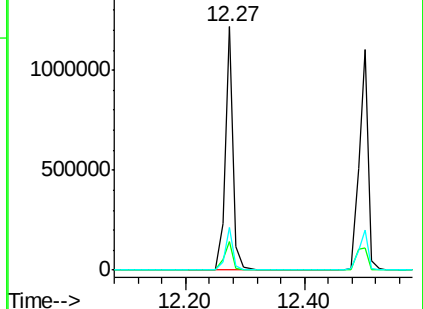
203 17.7 0.0 38.1

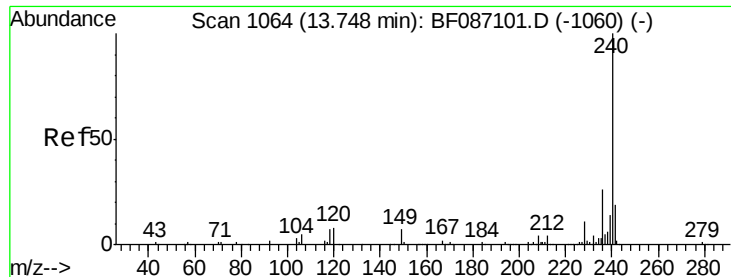


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

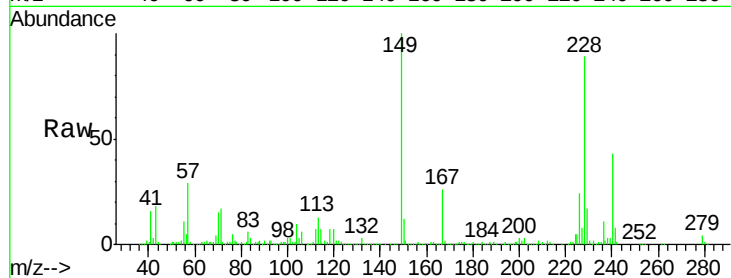
Tgt Ion:240 Resp: 363517

Ion Ratio Lower Upper

240 100

120 17.1 11.2 16.8#

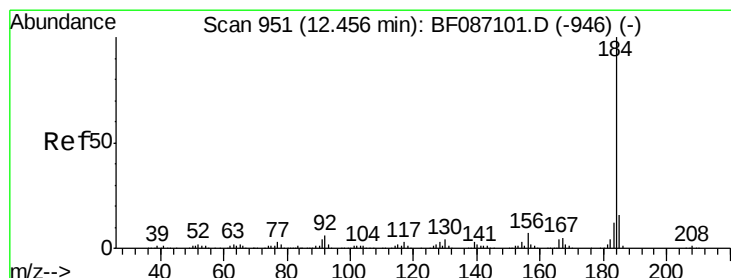
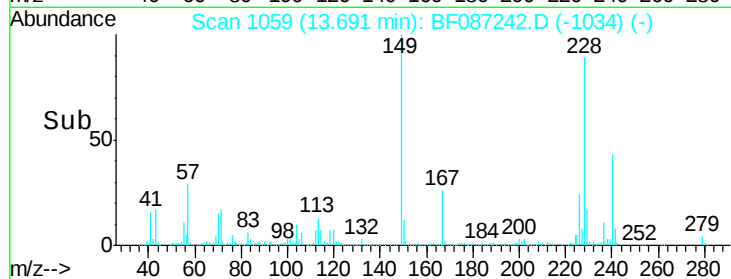
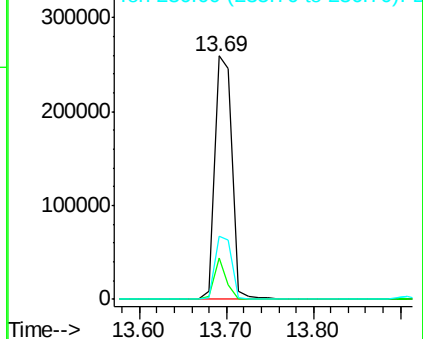
236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.97 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

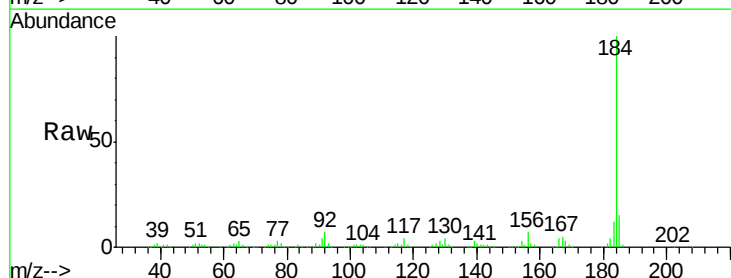
Tgt Ion:184 Resp: 388344

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

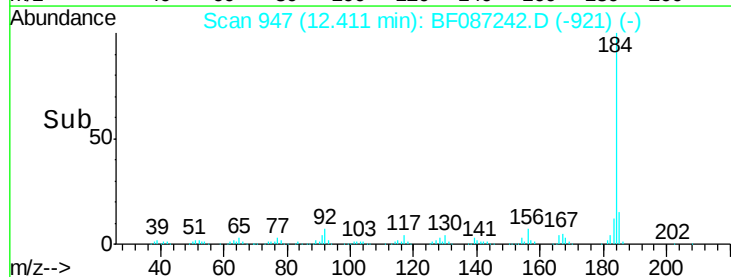
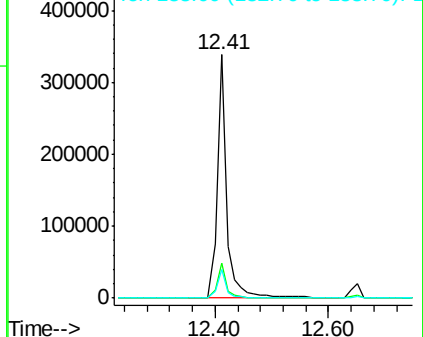
183 11.7 9.8 14.6

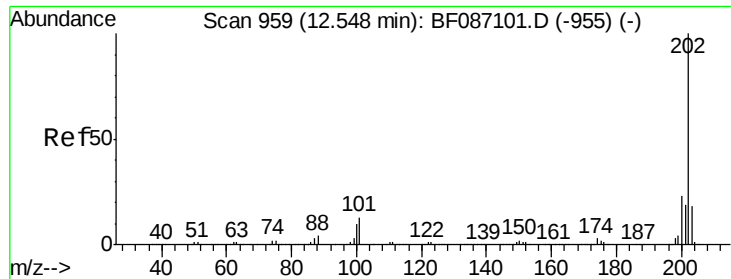


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



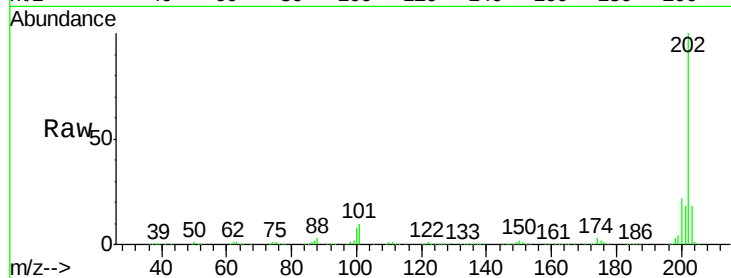


#77
 Pyrene
 Concen: 43.88 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

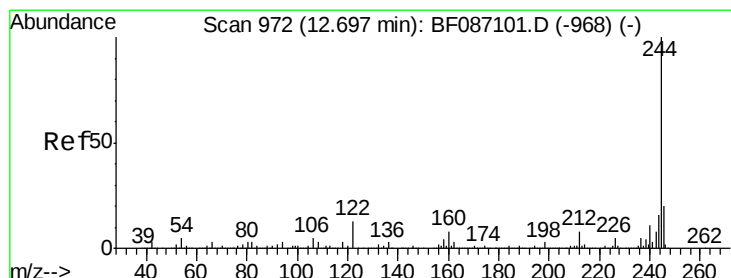
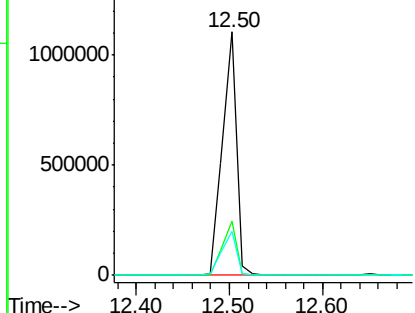
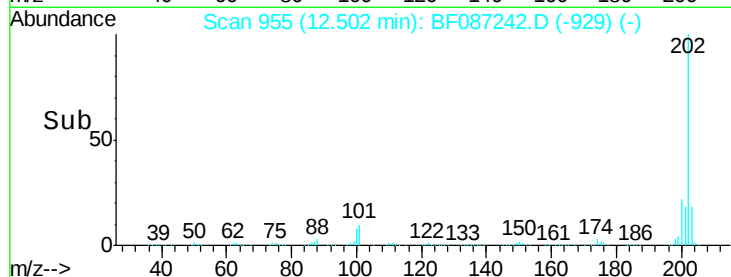
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Tgt Ion: 202 Resp: 1152272

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.9	14.2	21.4



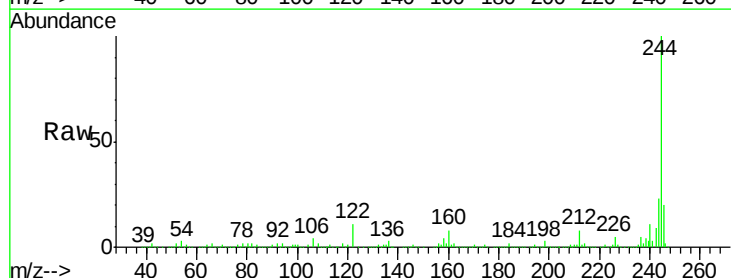
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



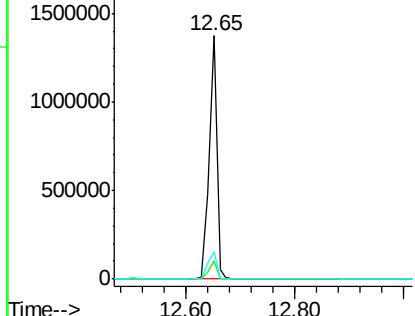
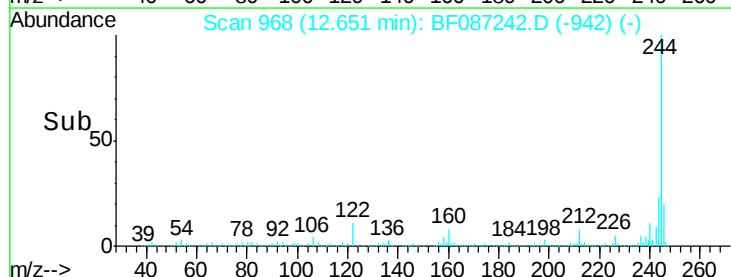
#78
 Terphenyl-d14
 Concen: 83.07 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion: 244 Resp: 1334878

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.1	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

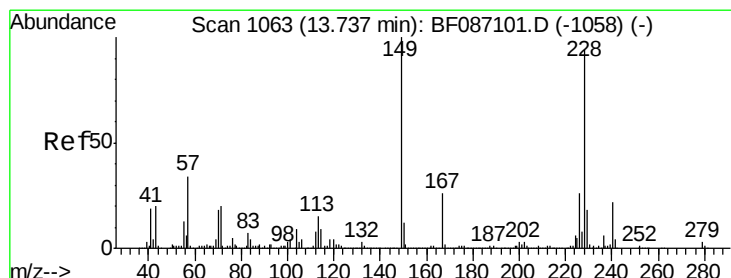
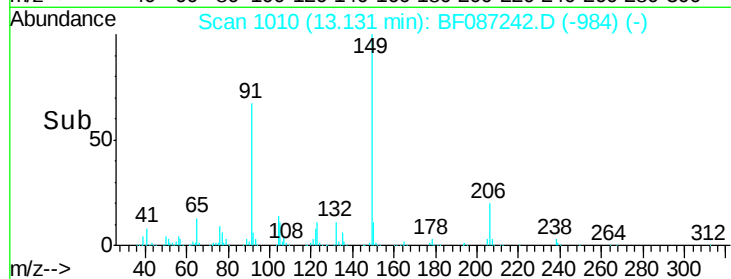
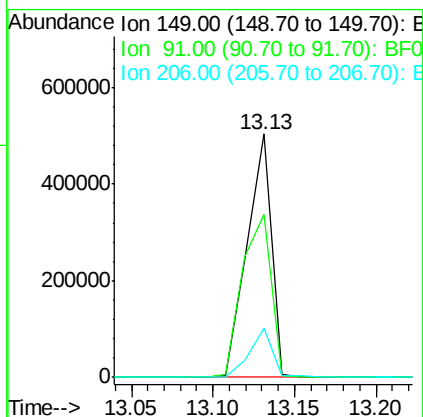
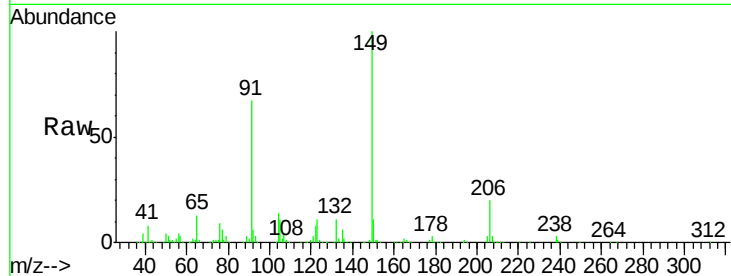




#79
Butylbenzylphthalate
Concen: 47.24 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

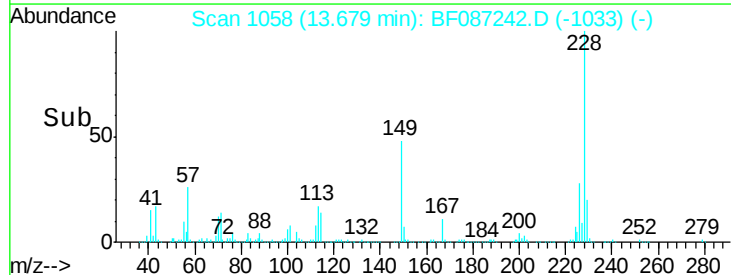
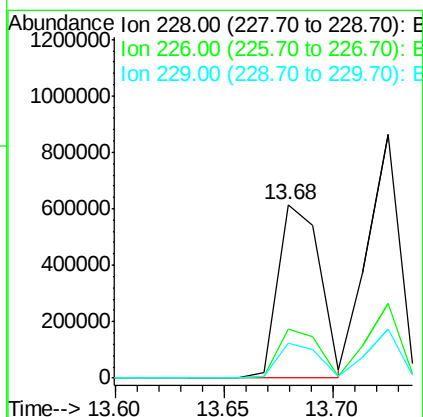
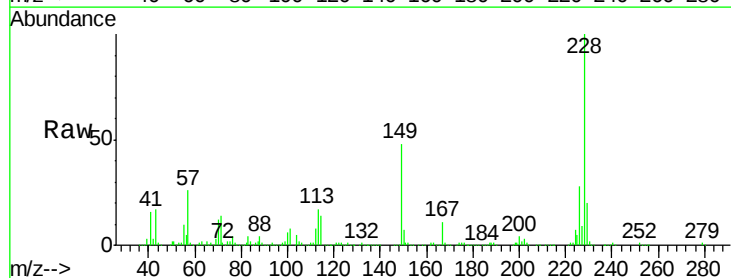
Instrument :
BNA_F
ClientSampleId :
PB90771BS

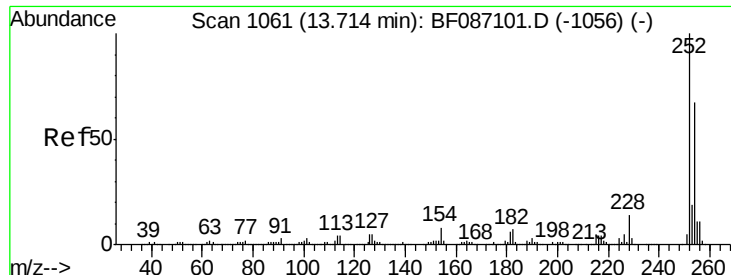
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	48.0	72.0
206	20.2	15.8	23.6



#80
Benzo(a)anthracene
Concen: 39.22 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	20.4	16.6	25.0

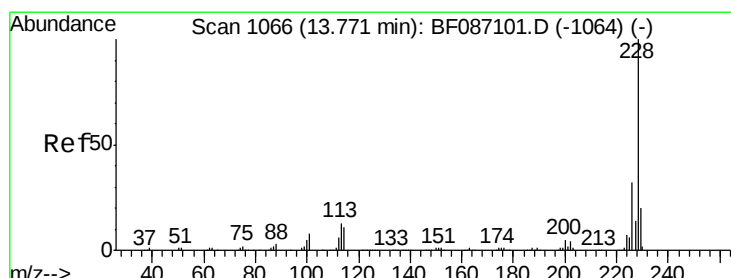
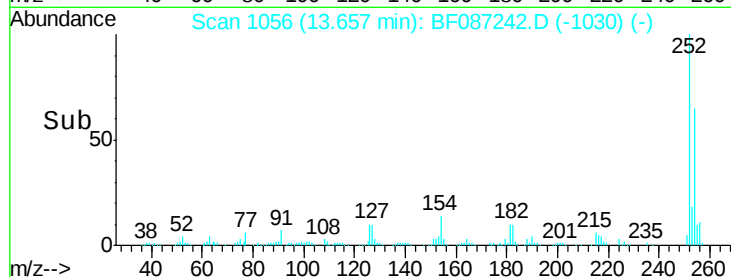
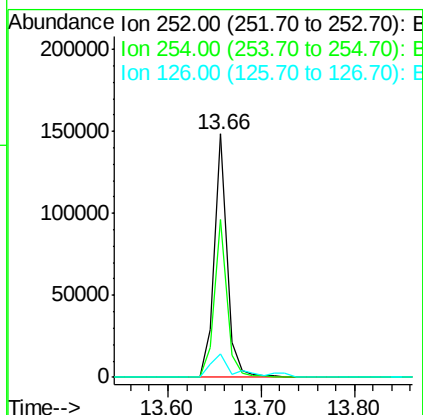
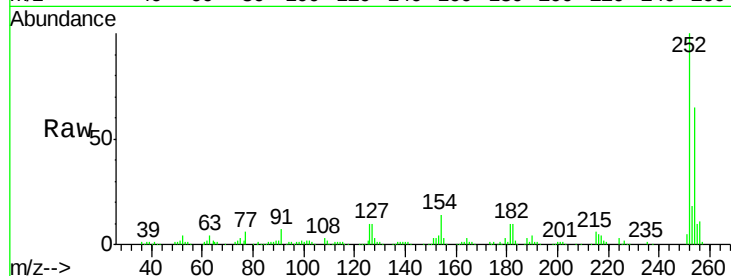




#81
 3,3'-Dichlorobenzidine
 Concen: 10.70 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

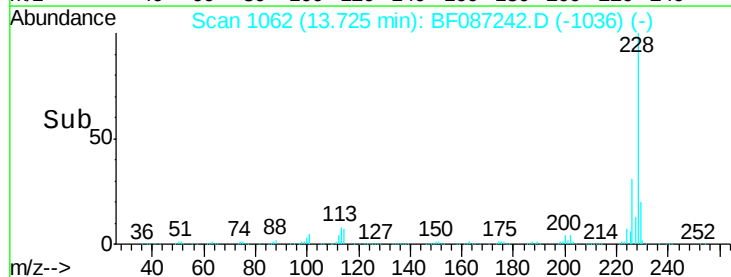
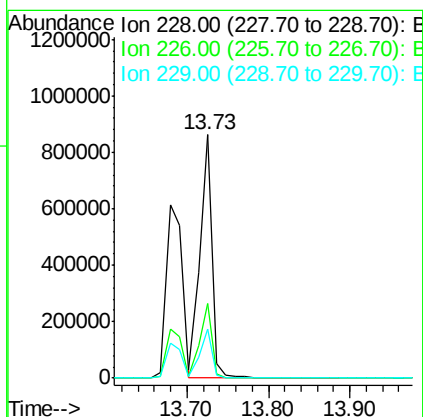
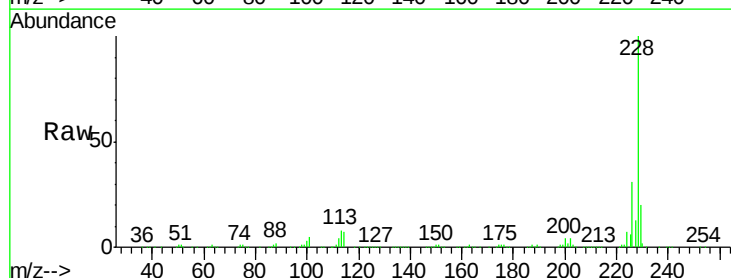
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

Tgt Ion: 252 Resp: 143042
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.7 76.1
 126 9.7 12.7 19.1#



#82
 Chrysene
 Concen: 44.28 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion: 228 Resp: 900528
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.0 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.23 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

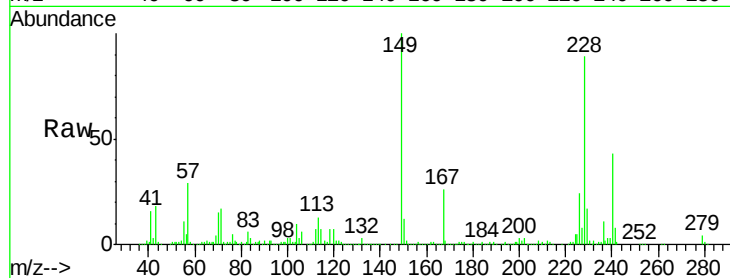
Tgt Ion:149 Resp: 637313

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

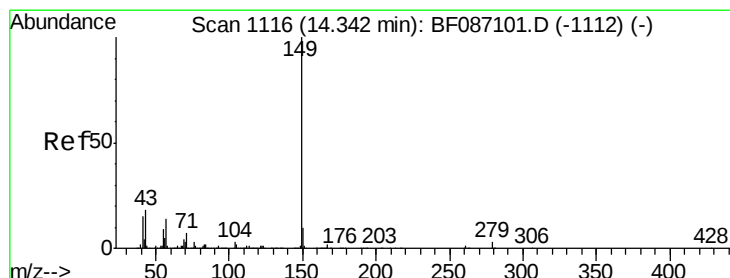
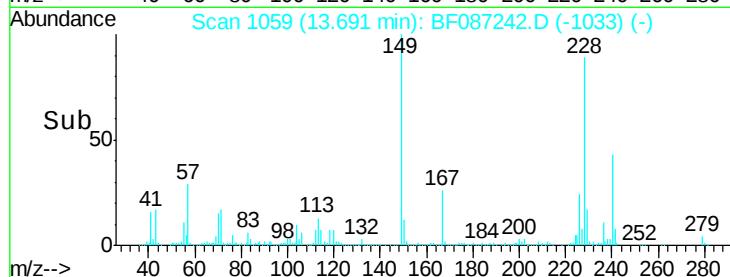
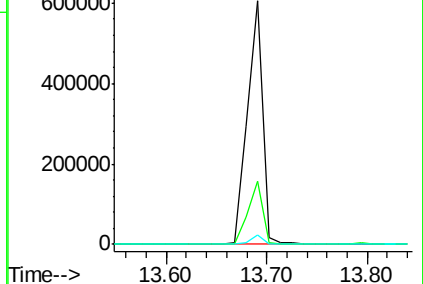
279 3.8 2.6 4.0



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: 45.54 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

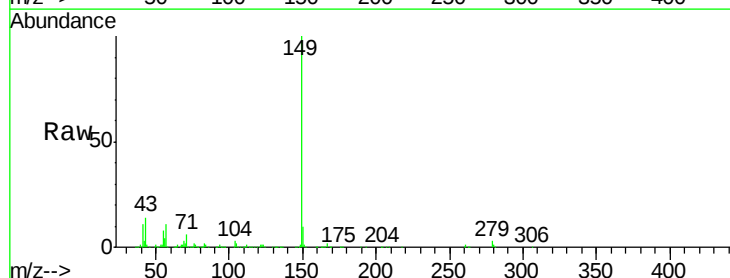
Tgt Ion:149 Resp: 1058422

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

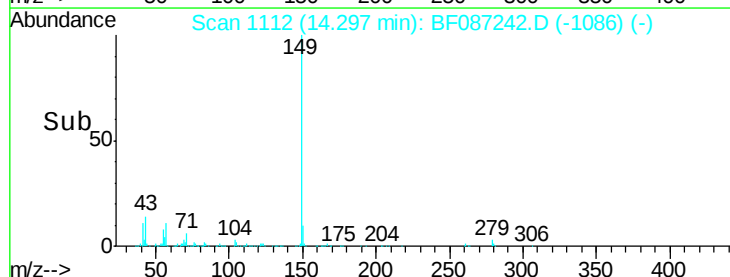
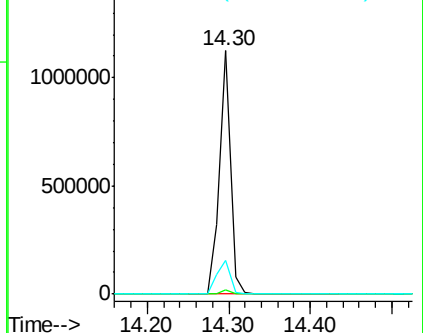
43 16.5 8.2 12.4#

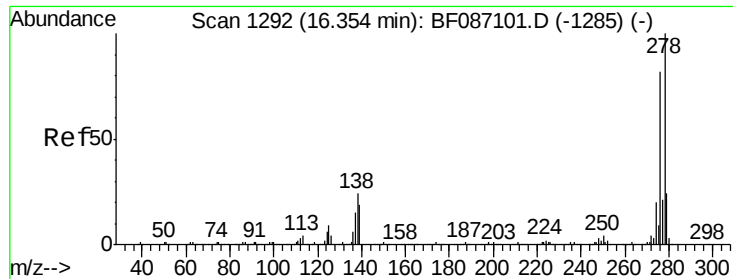


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

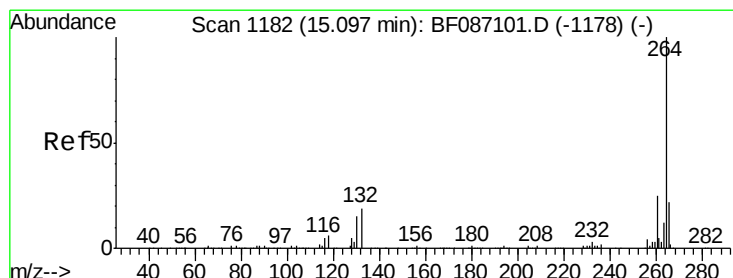
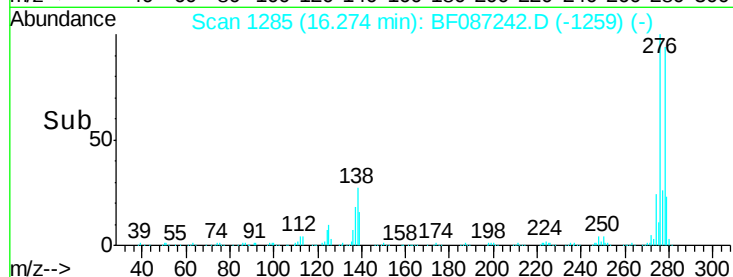
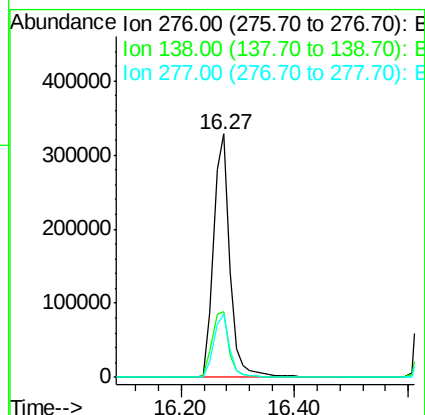
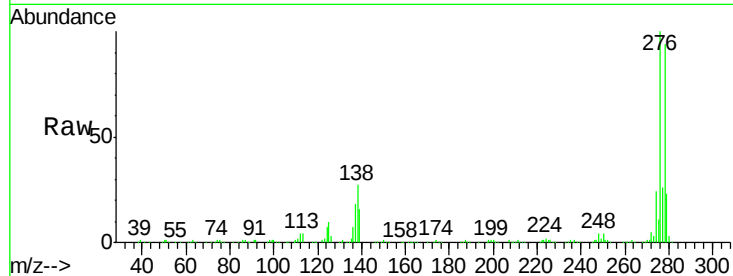




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.97 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

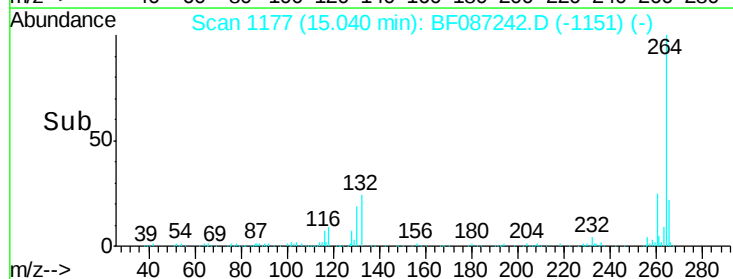
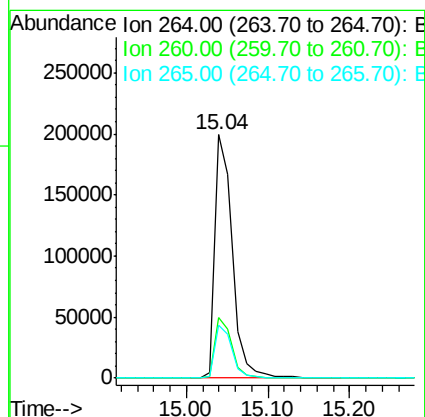
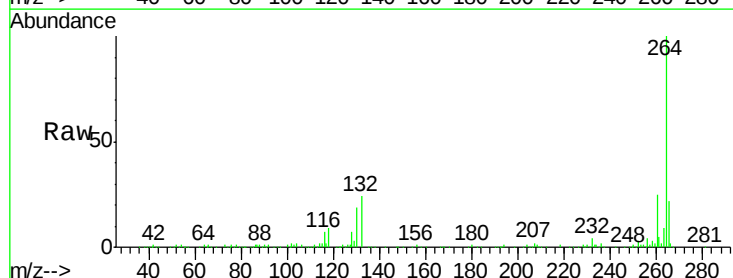
Instrument :
 BNA_F
 ClientSampleId :
 PB90771BS

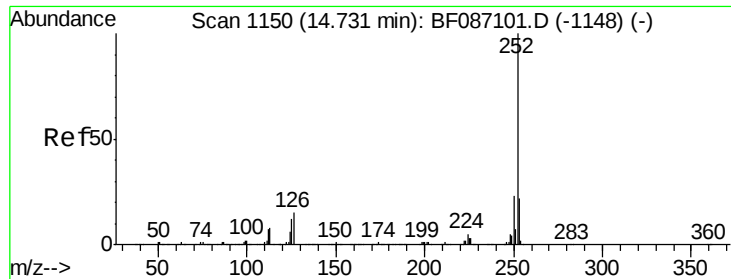
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF087242.D
 Acq: 20 May 2016 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	17.3	25.9

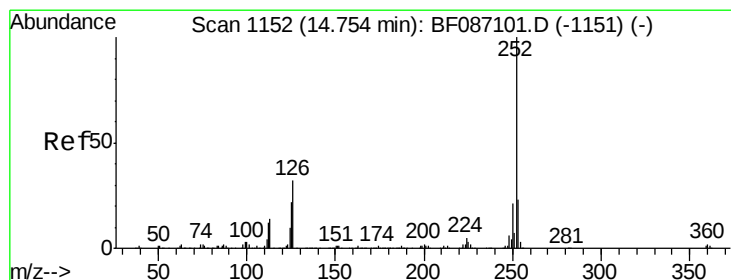
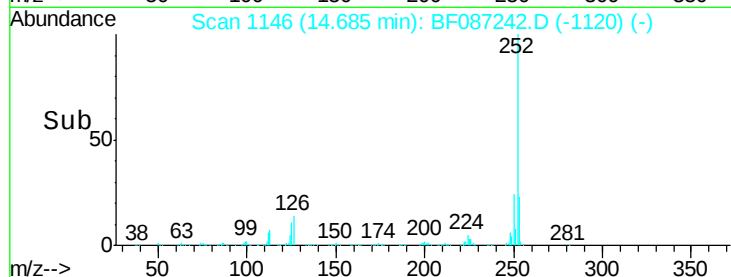
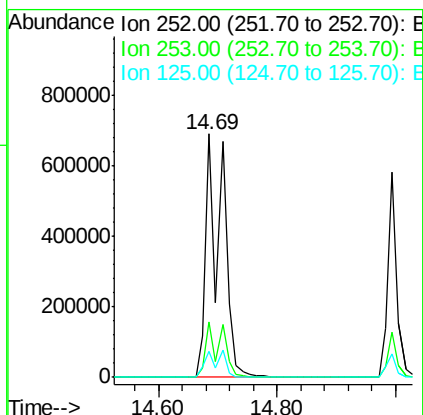
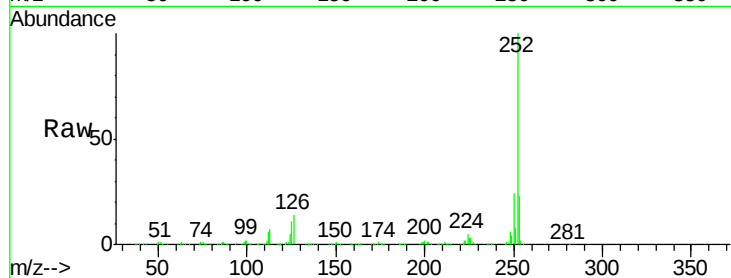




#87
Benzo(b)fluoranthene
Concen: 68.49 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

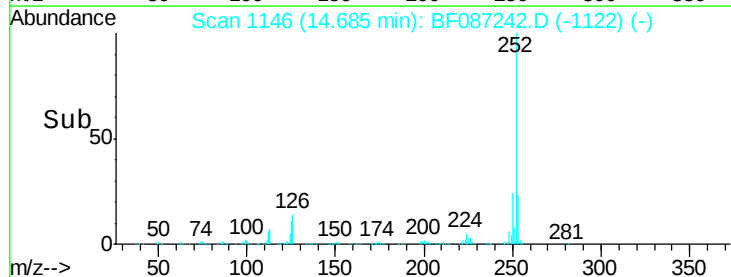
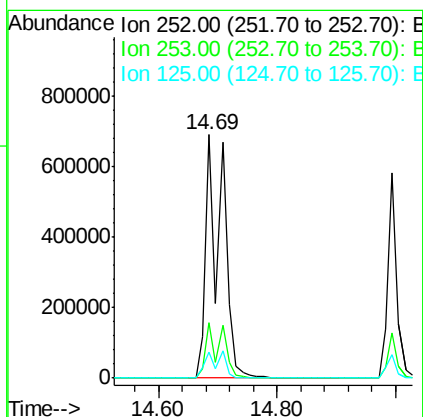
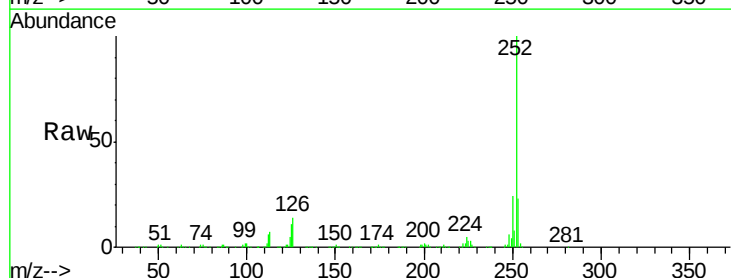
Instrument :
BNA_F
ClientSampleId :
PB90771BS

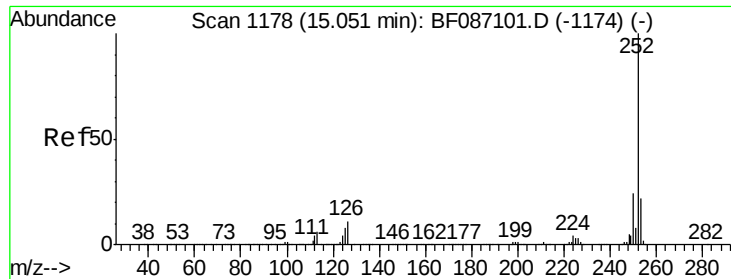
Tgt Ion:252 Resp: 1357832
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.8 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 92.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF087242.D
Acq: 20 May 2016 23:52

Tgt Ion:252 Resp: 1357832
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.8 9.1 13.7





#89

Benzo(a)pyrene

Concen: 38.50 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS

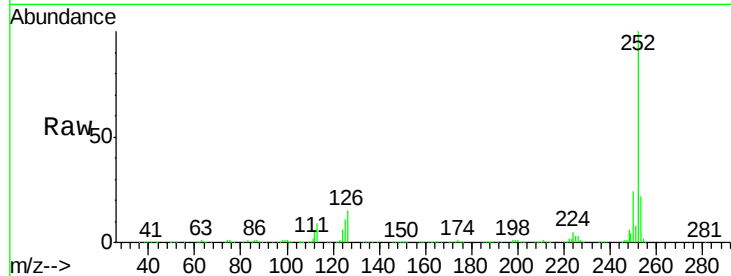
Tgt Ion:252 Resp: 637942

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

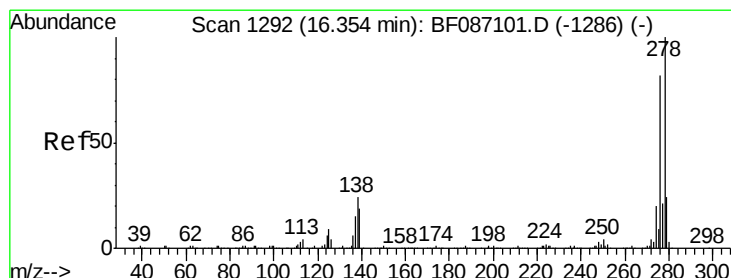
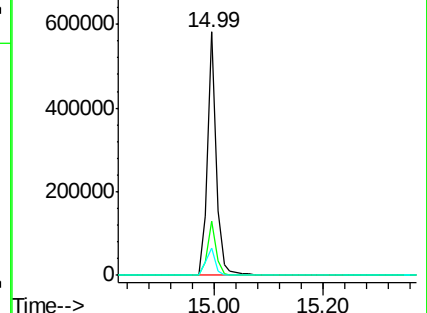
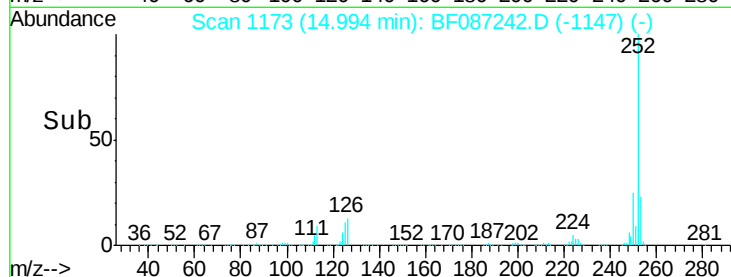
125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.88 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF087242.D

Acq: 20 May 2016 23:52

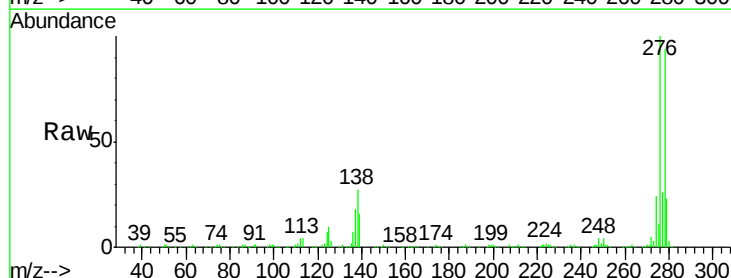
Tgt Ion:278 Resp: 542428

Ion Ratio Lower Upper

278 100

139 17.5 16.6 24.8

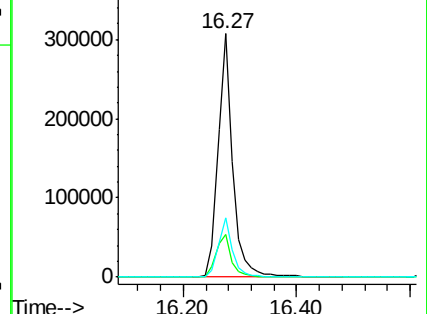
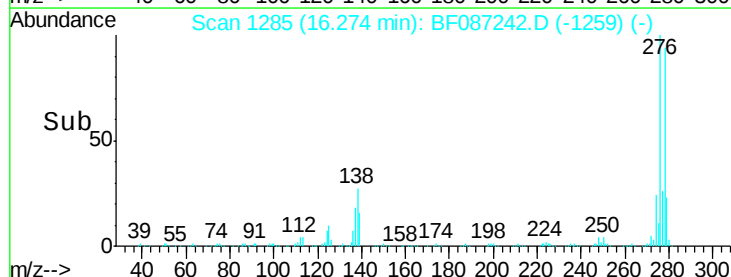
279 24.2 19.6 29.4

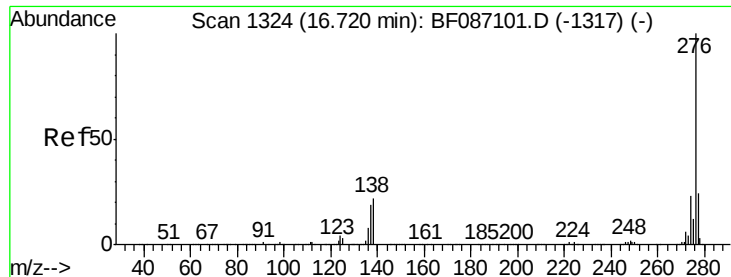


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.77 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF087242.D

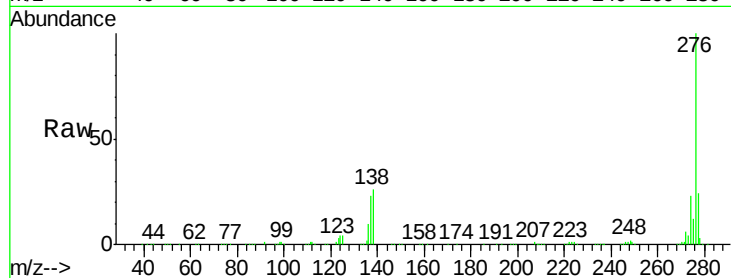
Acq: 20 May 2016 23:52

Instrument :

BNA_F

ClientSampleId :

PB90771BS



Tgt Ion: 276 Resp: 546374

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 26.1 23.6 35.4

