

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086858.D
 Acq On : 10 May 2016 14:25
 Operator : UM/SJ
 Sample : PB90408BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Quant Time: May 11 03:41:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	149801	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	638048	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	300824	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	570275	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	412780	20.00	ng	0.00
86) Perylene-d12	15.20	264	368709	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1044158	118.04	ng	0.00
7) Phenol-d6	6.35	99	1405733	118.91	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1034743	81.43	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	436283	136.99	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1685629	94.17	ng	0.00
78) Terphenyl-d14	12.79	244	1518286	78.04	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	131248	30.22	ng	# 65
3) Pyridine	2.92	79	344416	32.44	ng	# 66
4) n-Nitrosodimethylamine	2.86	42	302184	39.25	ng	# 48
6) Aniline	6.36	93	411085	28.75	ng	# 1
8) 2-Chlorophenol	6.48	128	437124	40.95	ng	92
9) Benzaldehyde	6.24	77	40332	5.89	ng	95
10) Phenol	6.36	94	607245	43.22	ng	# 69
11) bis(2-Chloroethyl)ether	6.43	93	411572	37.56	ng	86
12) 1,3-Dichlorobenzene	6.62	146	457245	39.59	ng	98
13) 1,4-Dichlorobenzene	6.70	146	461757	39.20	ng	97
14) 1,2-Dichlorobenzene	6.85	146	409077	39.85	ng	96
15) Benzyl Alcohol	6.84	79	363643	44.55	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	6.98	45	932357	39.14	ng	99
17) 2-Methylphenol	6.97	107	359016	42.27	ng	# 84
18) Hexachloroethane	7.20	117	175913	39.69	ng	# 89
19) n-Nitroso-di-n-propylamine	7.12	70	363166	43.96	ng	# 72
20) 3+4-Methylphenols	7.13	107	478118	43.10	ng	# 61
22) Acetophenone	7.10	105	612250	40.62	ng	# 98
24) Nitrobenzene	7.28	77	478716	36.62	ng	97
25) Isophorone	7.52	82	916397	38.87	ng	99
26) 2-Nitrophenol	7.60	139	237953	41.41	ng	# 82
27) 2,4-Dimethylphenol	7.65	122	412653	42.16	ng	94
28) bis(2-Chloroethoxy)methane	7.73	93	534652	42.04	ng	98
29) 2,4-Dichlorophenol	7.85	162	380797	44.20	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	390489	40.54	ng	96
31) Naphthalene	8.00	128	1296120	40.56	ng	99
32) Benzoic acid	7.80	122	224155	38.99	ng	# 83
33) 4-Chloroaniline	8.05	127	233842	18.83	ng	# 90
34) Hexachlorobutadiene	8.11	225	203753	36.46	ng	99
35) Caprolactam	8.44	113	67872	23.16	ng	# 60
36) 4-Chloro-3-methylphenol	8.56	107	403675	38.64	ng	90
37) 2-Methylnaphthalene	8.68	142	788632	42.21	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	356290	40.74	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	399451	96.22	ng	94

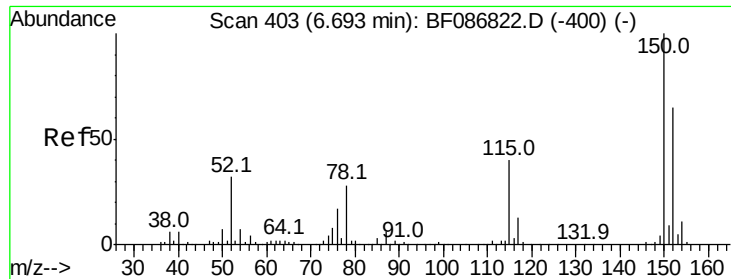
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086858.D
 Acq On : 10 May 2016 14:25
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	255088	43.61	nq	92
43) 2,4,5-Trichlorophenol	9.02	196	269286	44.52	nq #	91
45) 1,1'-Biphenyl	9.15	154	988655	41.32	nq	96
46) 2-Chloronaphthalene	9.17	162	765008	40.81	nq	95
47) 2-Nitroaniline	9.29	65	307100	44.82	nq	96
48) Acenaphthylene	9.58	152	1116236	40.48	nq	99
49) Dimethylphthalate	9.46	163	977205	42.58	nq	99
50) 2,6-Dinitrotoluene	9.53	165	231574	47.94	nq	86
51) Acenaphthene	9.76	154	711946	41.51	nq	99
52) 3-Nitroaniline	9.70	138	133421	26.24	nq	97
53) 2,4-Dinitrophenol	9.80	184	210526	84.78	nq #	71
54) Dibenzofuran	9.93	168	987094	44.83	nq	94
55) 4-Nitrophenol	9.88	139	250803	74.32	nq #	49
56) 2,4-Dinitrotoluene	9.93	165	242477	40.57	nq #	68
57) Fluorene	10.27	166	771031	41.06	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	221935	48.74	nq	98
59) Diethylphthalate	10.16	149	866341	38.74	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	398395	50.18	nq #	79
61) 4-Nitroaniline	10.32	138	226707	46.42	nq #	76
62) Azobenzene	10.43	77	1118746	46.37	nq	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	163926	46.27	nq	88
65) n-Nitrosodiphenylamine	10.40	169	774166	44.19	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	234592	40.57	nq	95
67) Hexachlorobenzene	10.82	284	299596	44.34	nq	98
68) Atrazine	10.92	200	231090	39.48	nq	95
69) Pentachlorophenol	11.01	266	282309	90.40	nq	98
70) Phenanthrene	11.23	178	1343736	44.15	nq	99
71) Anthracene	11.28	178	1195945	38.42	nq	100
72) Carbazole	11.44	167	1141607	42.67	nq	98
73) Di-n-butylphthalate	11.77	149	1410247	43.16	nq #	98
74) Fluoranthene	12.41	202	1283566	41.01	nq	97
76) Benzidine	12.55	184	435361	41.37	nq	96
77) Pyrene	12.64	202	1380202	43.67	nq	100
79) Butylbenzylphthalate	13.27	149	640640	47.93	nq	91
80) Benzo(a)anthracene	13.81	228	1014783	43.79	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	262318	17.82	nq #	96
82) Chrysene	13.86	228	1105503	46.90	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	774091	48.14	nq #	99
84) Di-n-octyl phthalate	14.43	149	1336967	50.20	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	830604	42.35	nq	95
87) Benzo(b)fluoranthene	14.85	252	1983317	82.77	nq #	95
88) Benzo(k)fluoranthene	14.85	252	1985025	101.17	nq	98
89) Benzo(a)pyrene	15.15	252	897363	43.42	nq	99
90) Dibenzo(a,h)anthracene	16.51	278	688846	39.54	nq #	92
91) Benzo(g,h,i)perylene	16.88	276	690802	39.03	nq	95

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

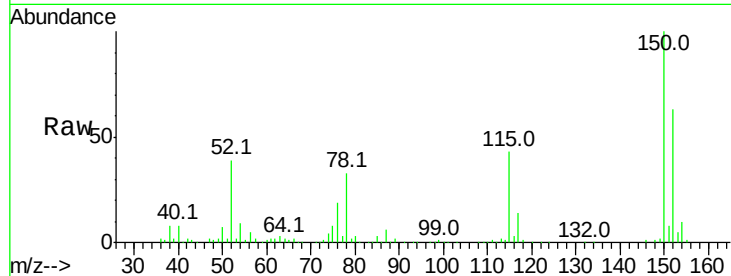


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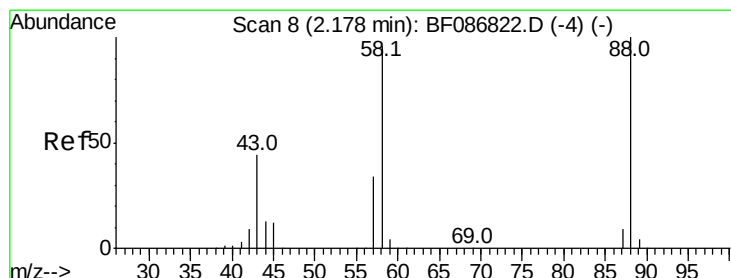
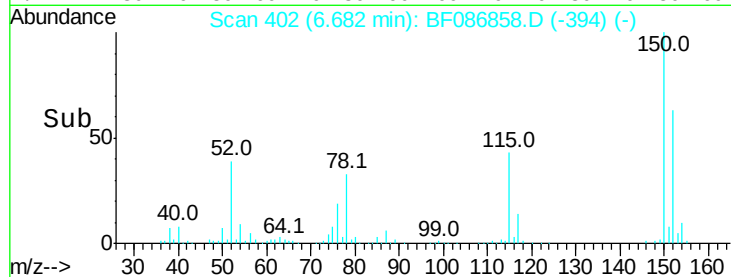
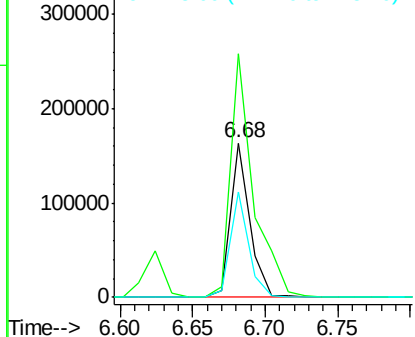
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampleId :
PB90408BS

Tot Ion:152 Resp: 149801
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 68.6 51.5 77.3



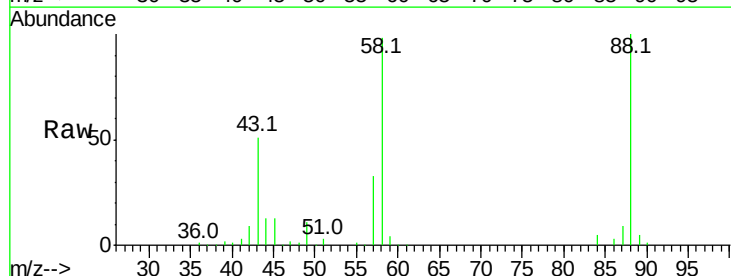
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



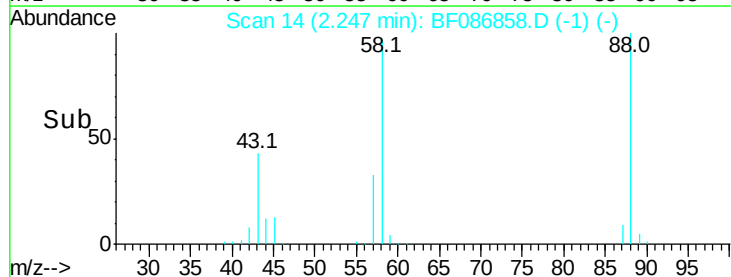
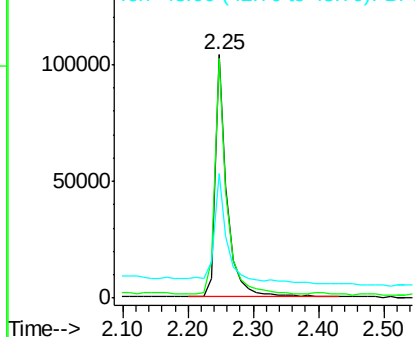
#2

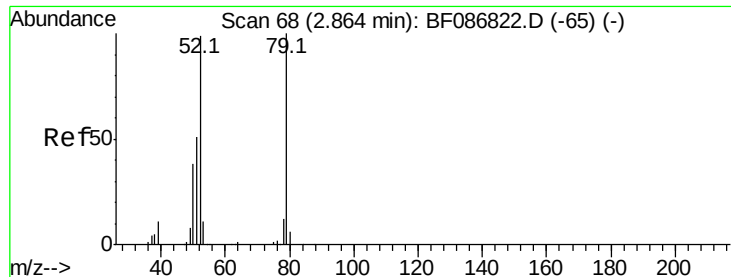
1,4-Dioxane
Concen: 30.22 ng
RT: 2.25 min Scan# 14
Delta R.T. 0.07 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion: 88 Resp: 131248
Ion Ratio Lower Upper
88 100
58 98.5 59.6 89.4#
43 54.6 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

Pvridine

Concen: 32.44 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.06 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

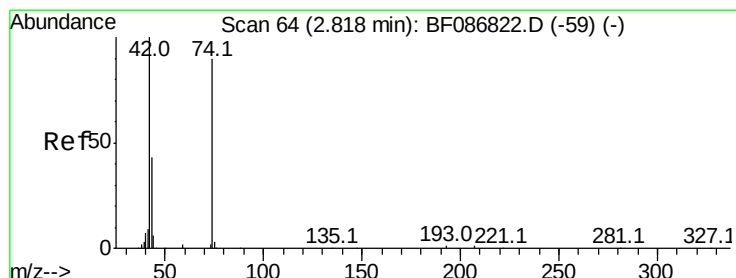
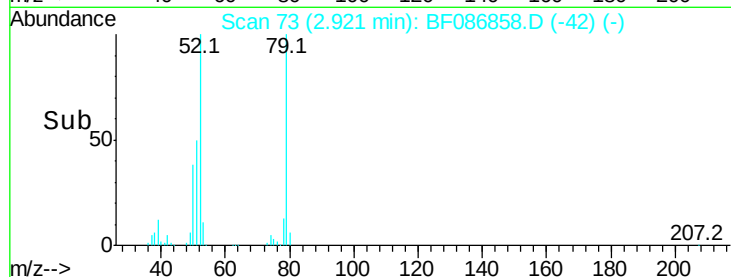
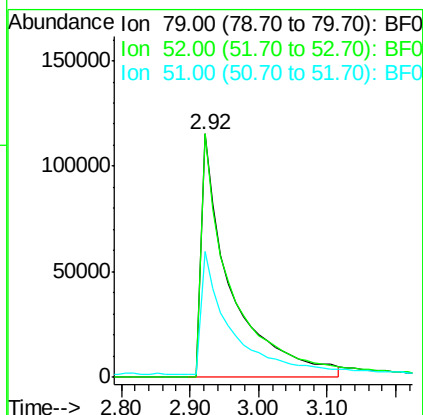
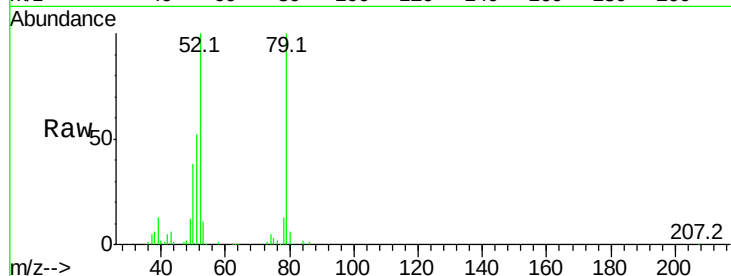
Tot Ion: 79 Resp: 344416

Ion Ratio Lower Upper

79 100

52 99.9 55.9 83.9#

51 51.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.25 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.05 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

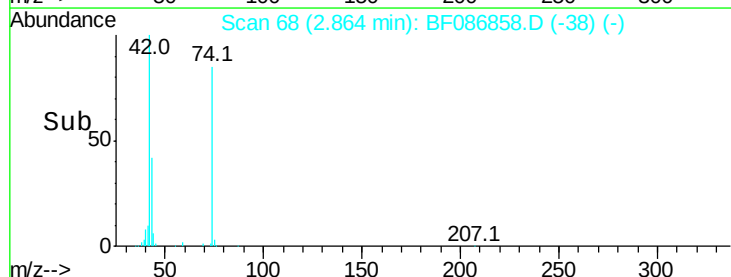
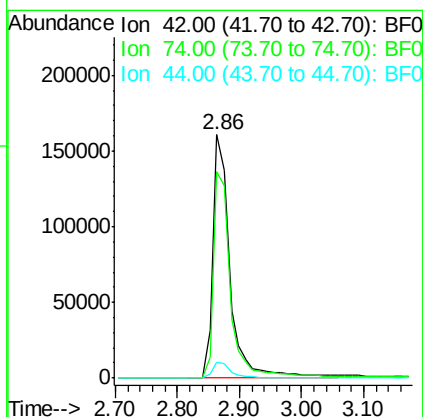
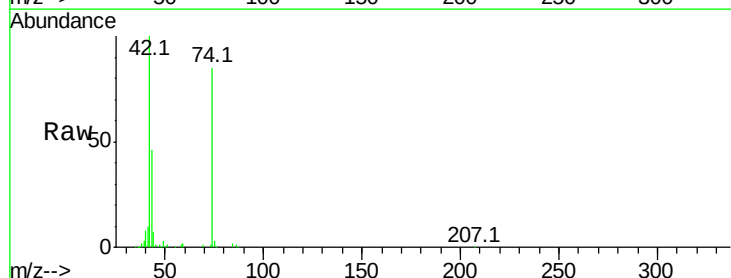
Tgt Ion: 42 Resp: 302184

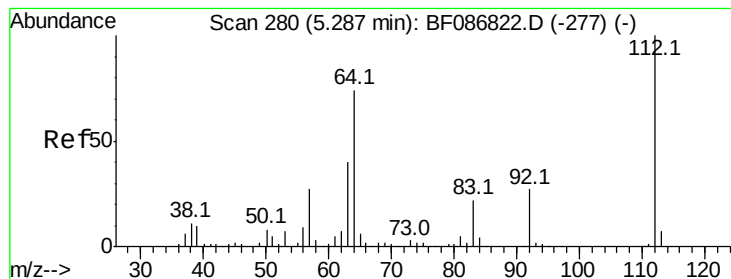
Ion Ratio Lower Upper

42 100

74 84.7 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 118.04 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

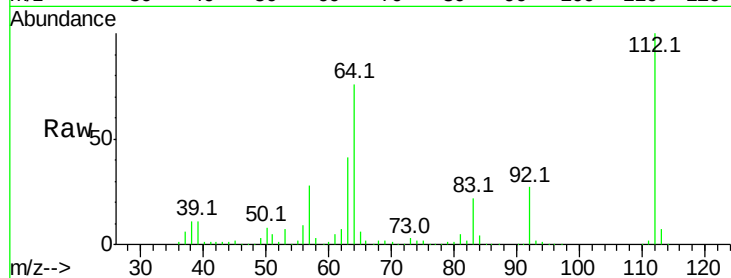
Tot Ion:112 Resp: 1044158

Ion Ratio Lower Upper

112 100

64 75.8 52.1 78.1

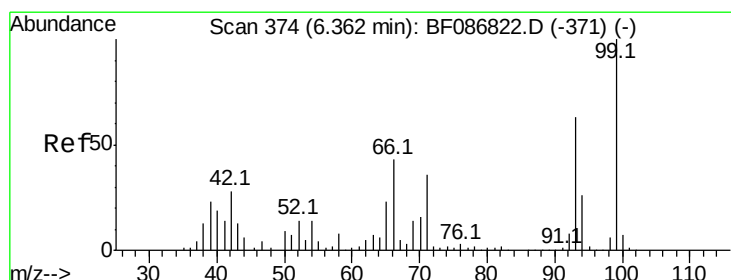
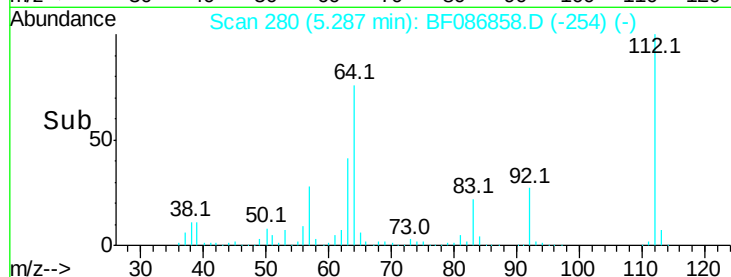
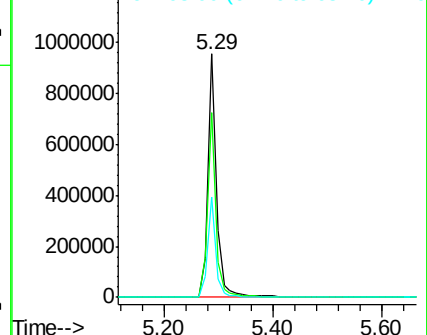
63 41.0 25.7 38.5#



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: 28.75 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

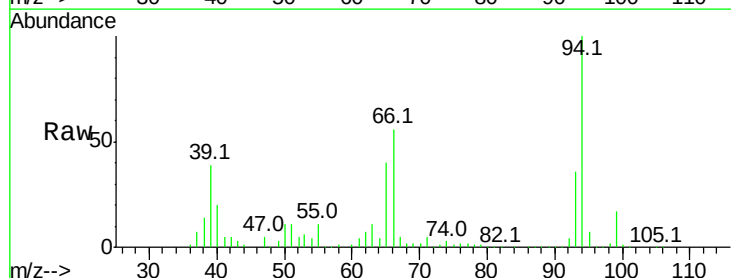
Tgt Ion: 93 Resp: 411085

Ion Ratio Lower Upper

93 100

66 153.9 39.0 58.6#

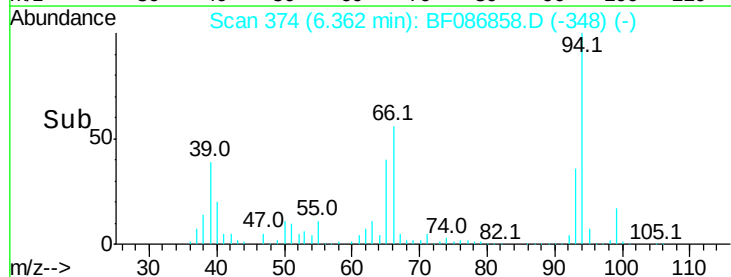
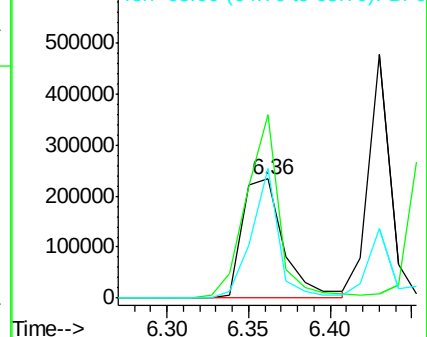
65 109.2 20.6 31.0#

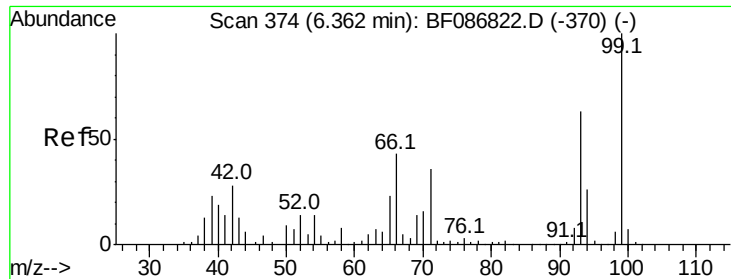


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.91 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampled :

PB90408BS

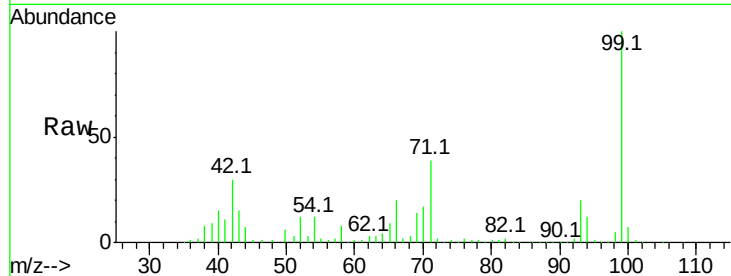
Tot Ion: 99 Resp: 1405733

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

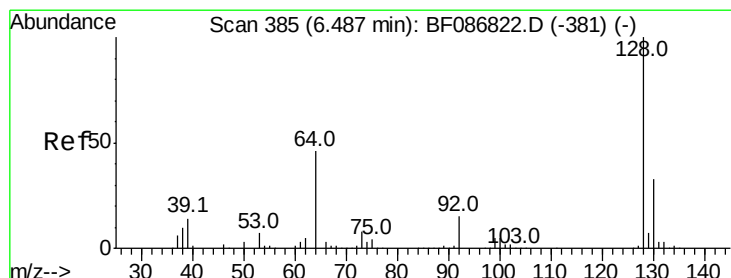
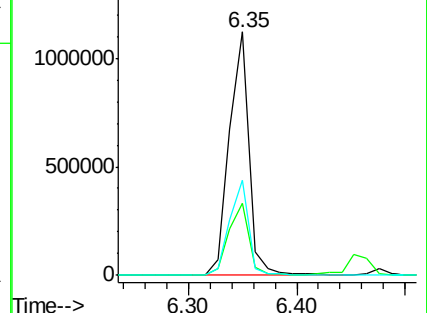
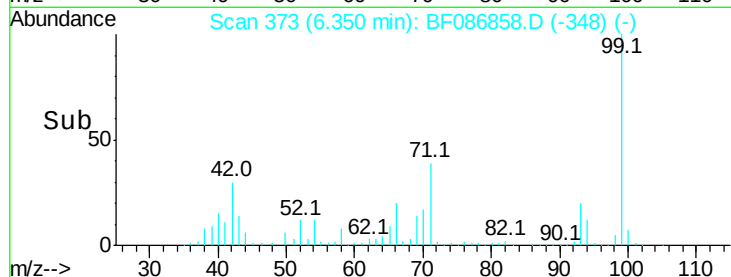
71 39.1 24.6 36.8#



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: 40.95 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

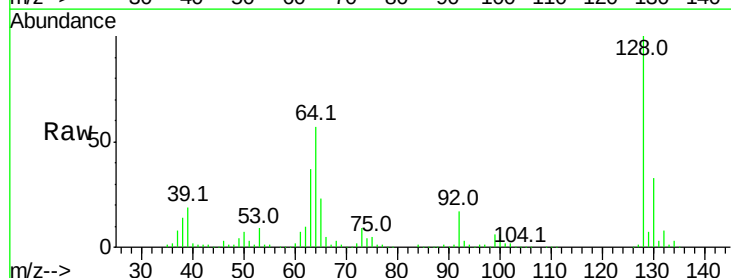
Tgt Ion: 128 Resp: 437124

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

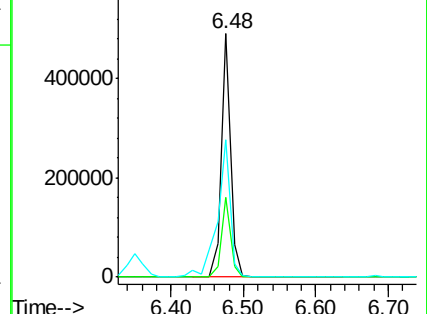
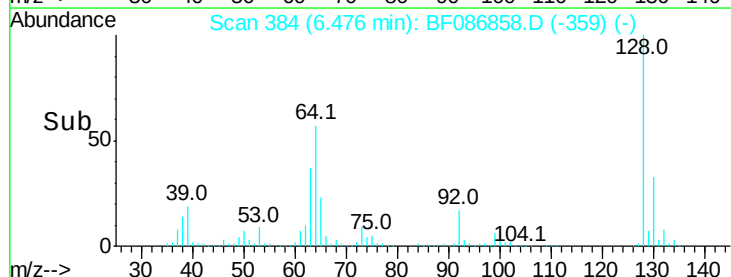
64 56.6 27.3 67.3

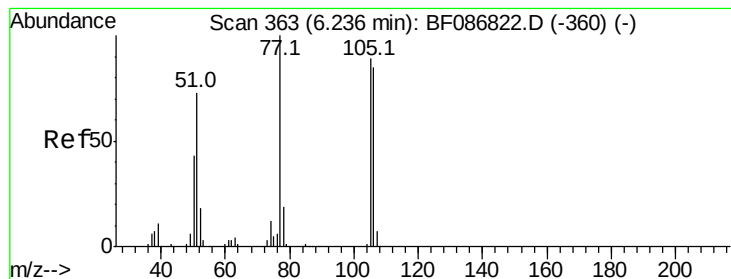


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.89 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleID :

PB90408BS

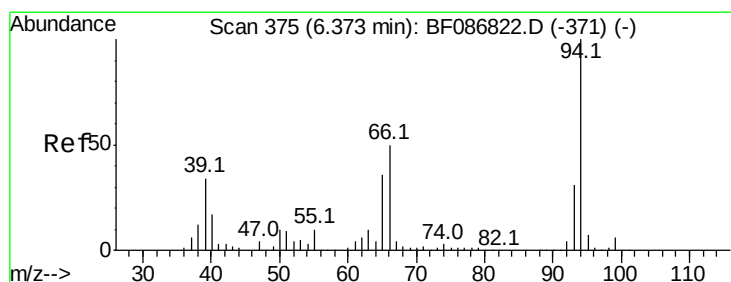
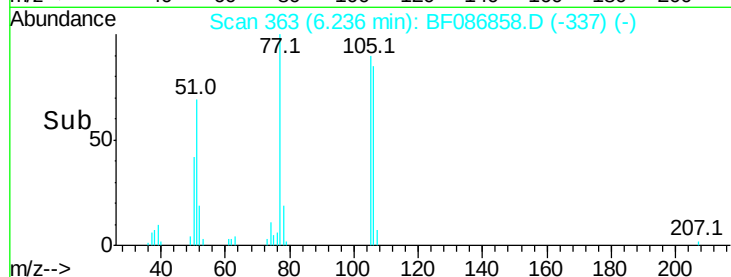
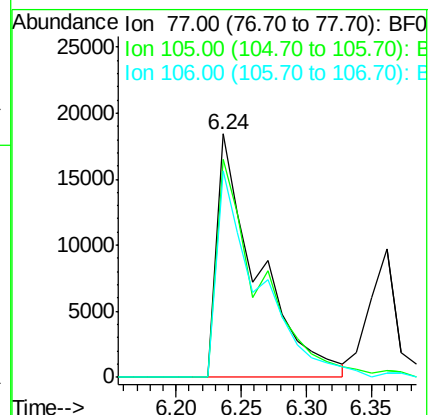
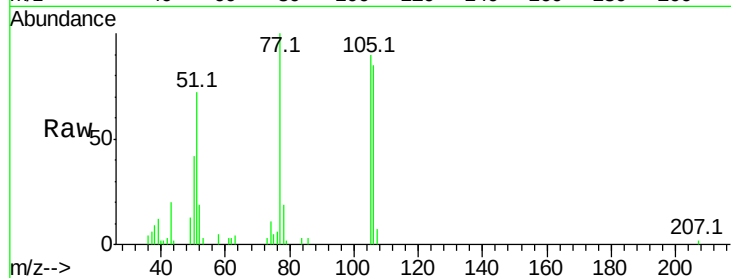
Tot Ion: 77 Resp: 40332

Ion Ratio Lower Upper

77 100

105 89.6 72.7 112.7

106 85.0 70.8 110.8



#10

Phenol

Concen: 43.22 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

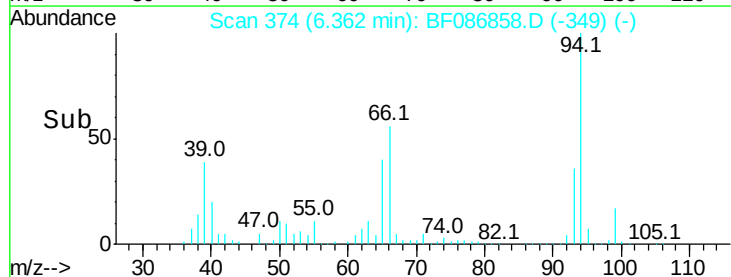
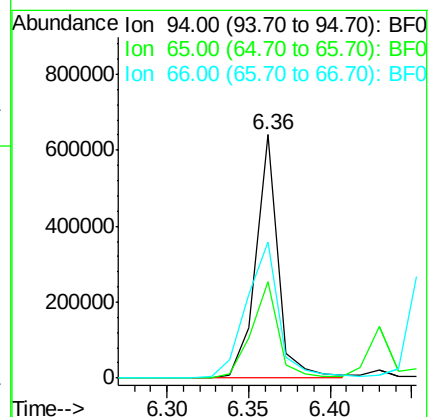
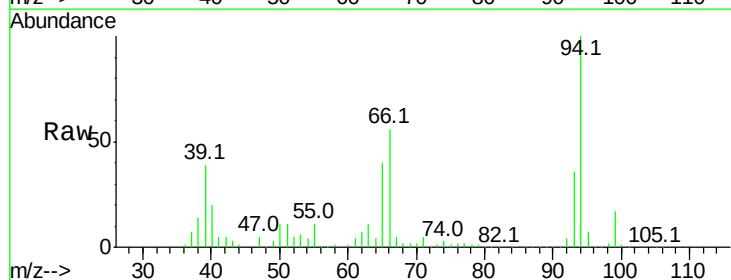
Tgt Ion: 94 Resp: 607245

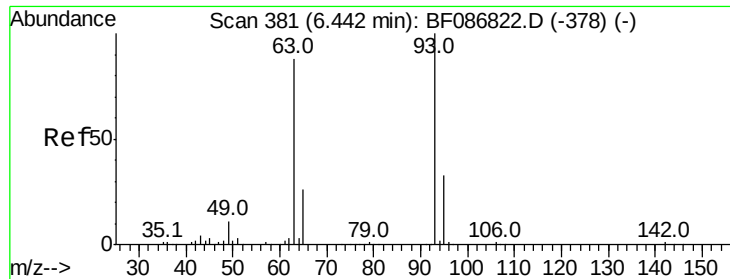
Ion Ratio Lower Upper

94 100

65 39.7 7.2 47.2

66 55.9 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 37.56 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

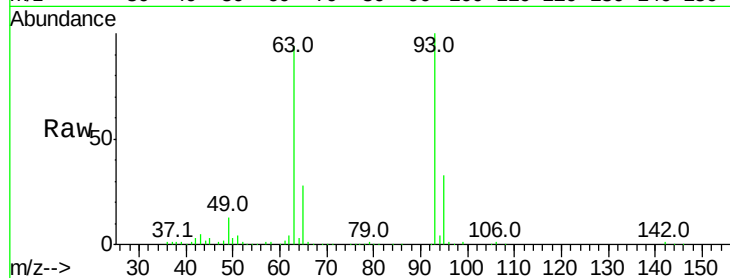
Tot Ion: 93 Resp: 411572

Ion Ratio Lower Upper

93 100

63 94.0 58.0 98.0

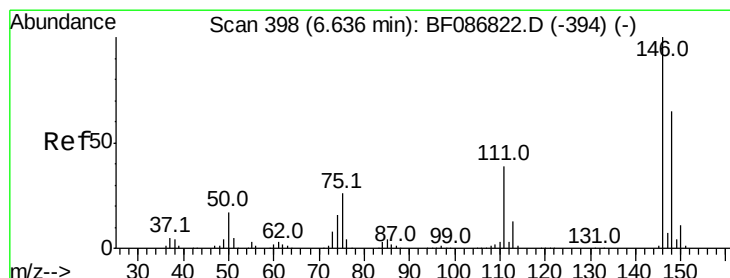
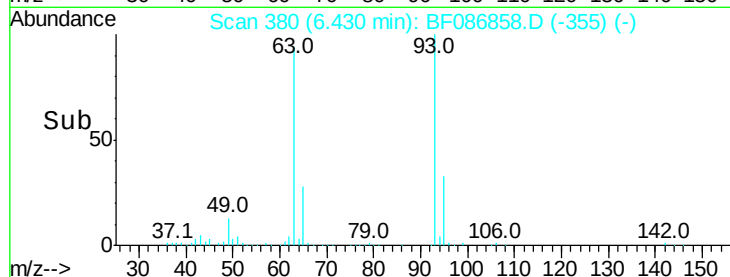
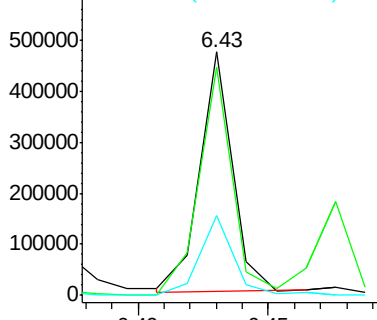
95 32.8 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.59 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

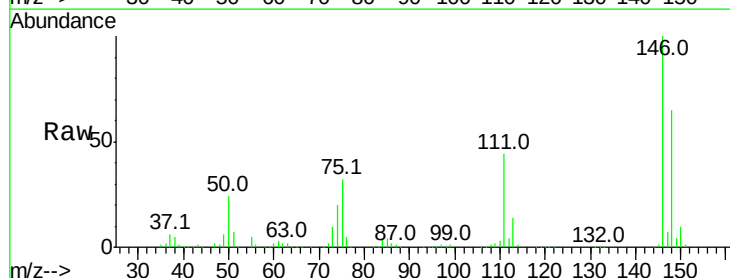
Tgt Ion: 146 Resp: 457245

Ion Ratio Lower Upper

146 100

148 65.2 52.4 78.6

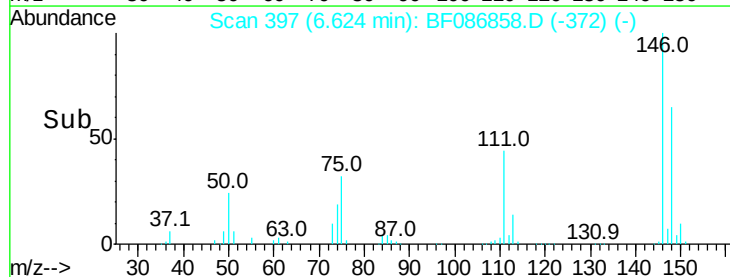
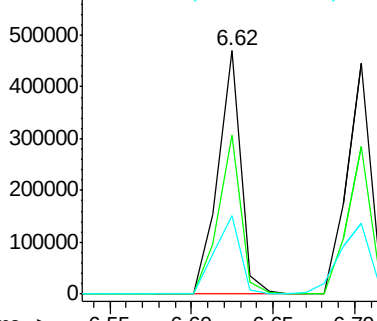
75 32.4 22.8 34.2

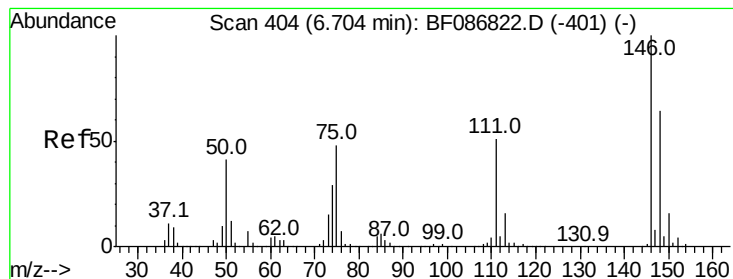


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.20 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

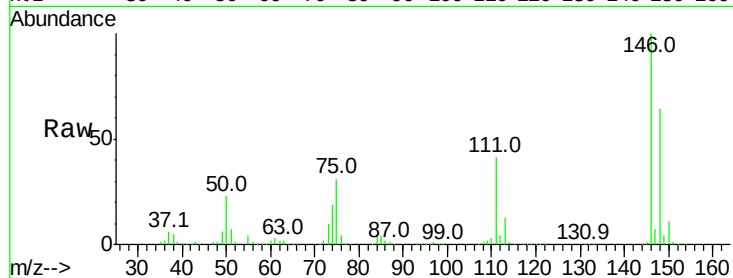
Tot Ion:146 Resp: 461757

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.4

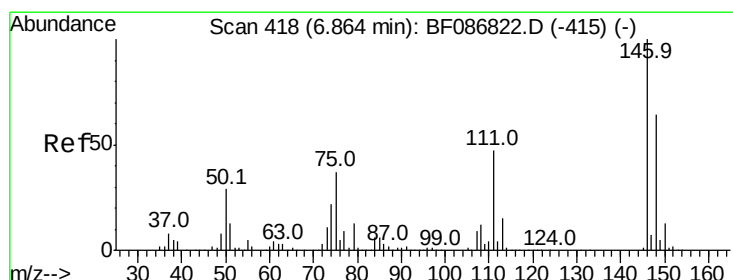
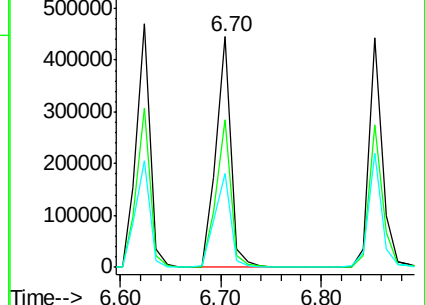
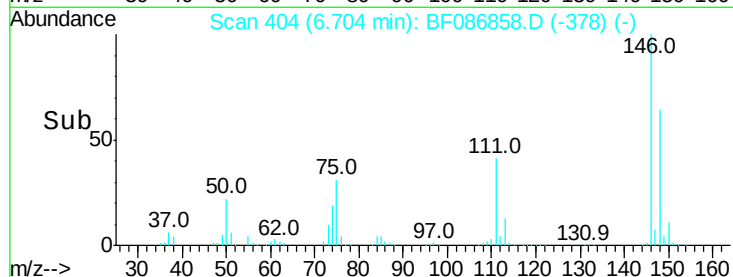
111 40.9 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.85 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

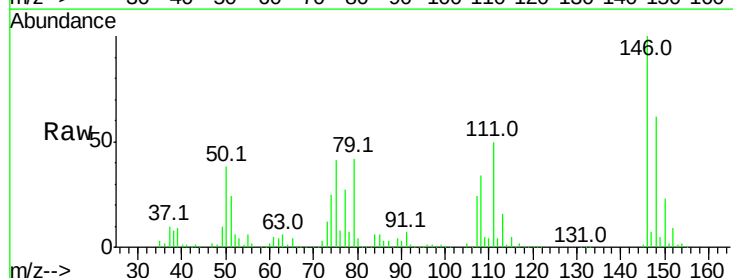
Tgt Ion:146 Resp: 409077

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

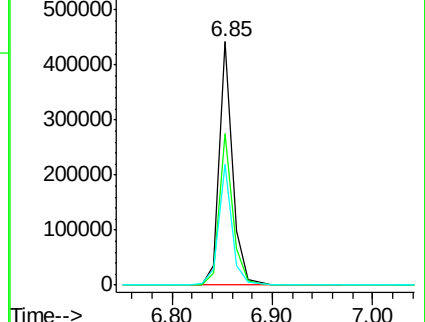
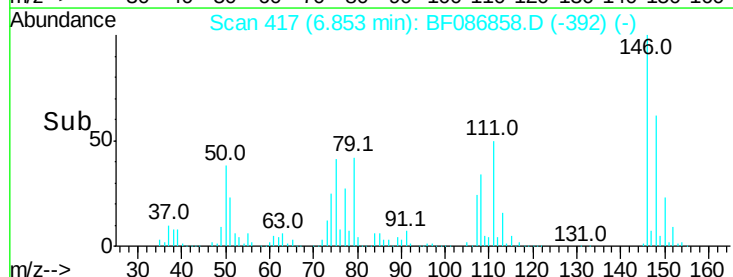
111 49.6 36.2 54.4

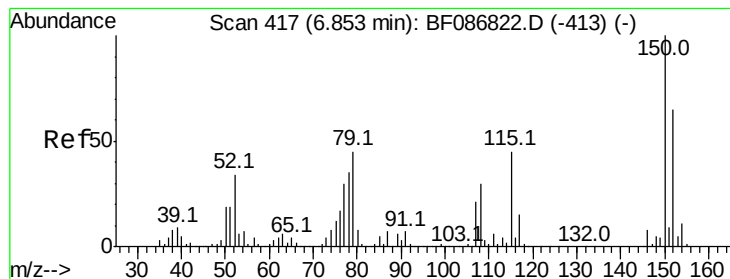


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.55 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

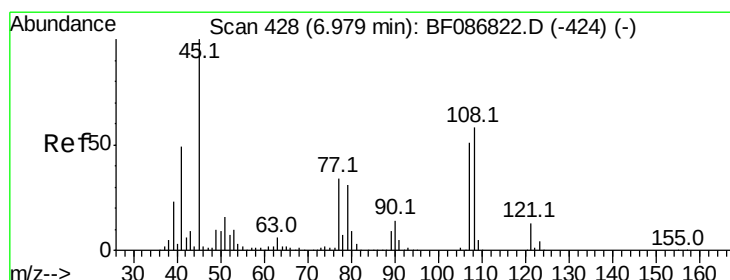
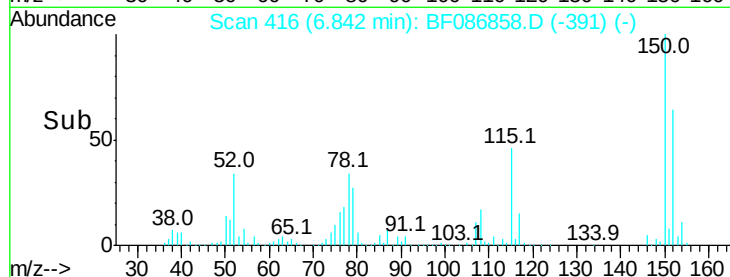
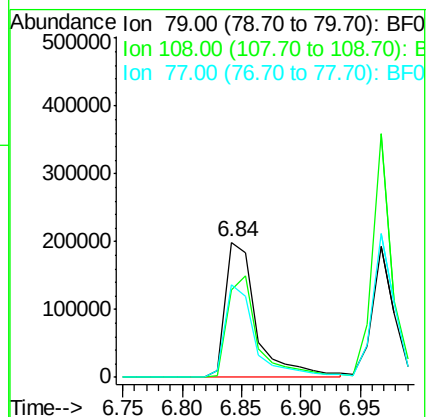
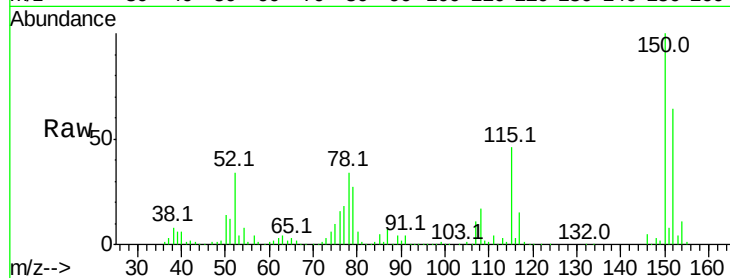
ClientSampleId :

PB90408BS

Tot Ion: 79 Resp: 363643

Ion Ratio Lower Upper

79	100		
108	64.6	68.4	102.6#
77	68.6	50.6	76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.14 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

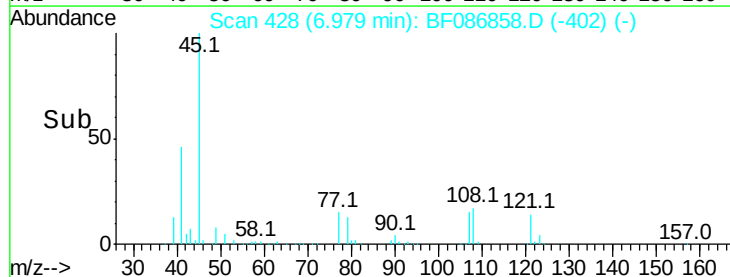
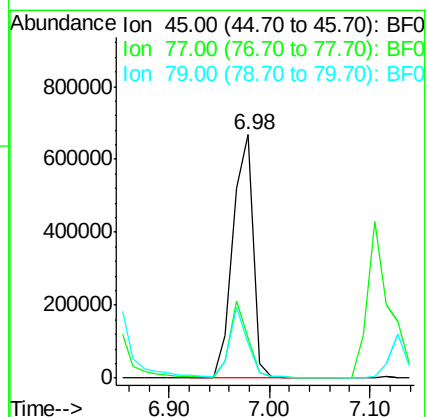
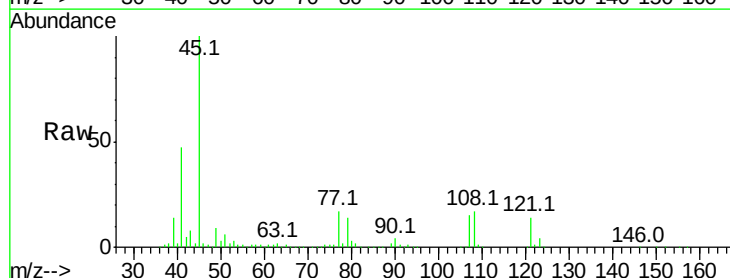
Lab File: BF086858.D

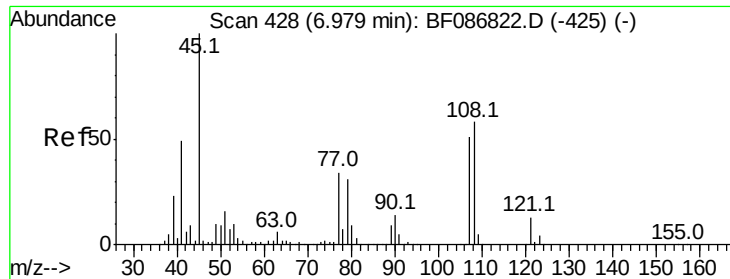
Acq: 10 May 2016 14:25

Tgt Ion: 45 Resp: 932357

Ion Ratio Lower Upper

45	100		
77	16.5	0.0	36.4
79	14.3	0.0	33.4





#17

2-Methylphenol

Concen: 42.27 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

Tot Ion:107 Resp: 359016

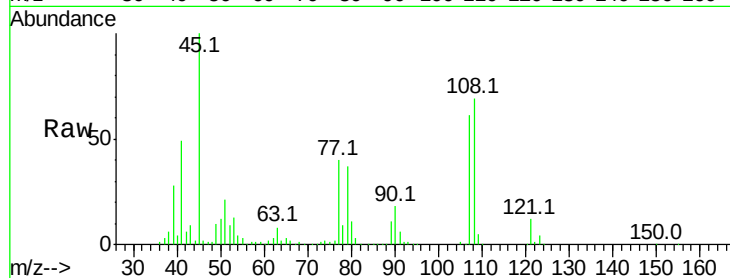
Ion Ratio Lower Upper

107 100

108 112.7 93.7 140.5

77 66.3 33.4 50.0#

79 60.8 34.3 51.5#

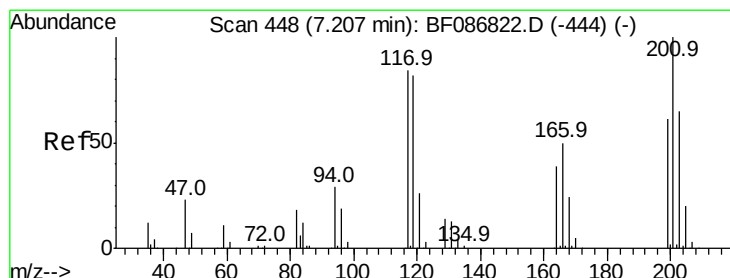
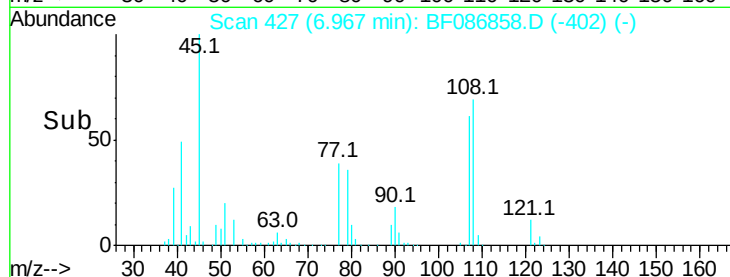
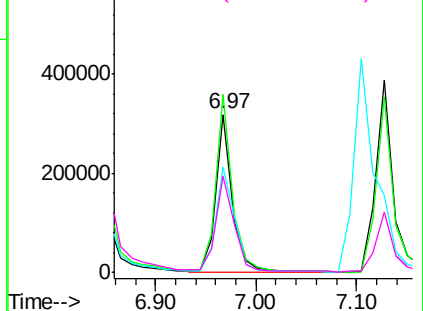


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.69 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

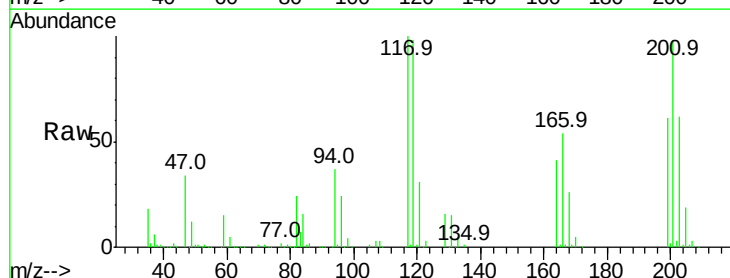
Tgt Ion:117 Resp: 175913

Ion Ratio Lower Upper

117 100

119 97.6 76.5 114.7

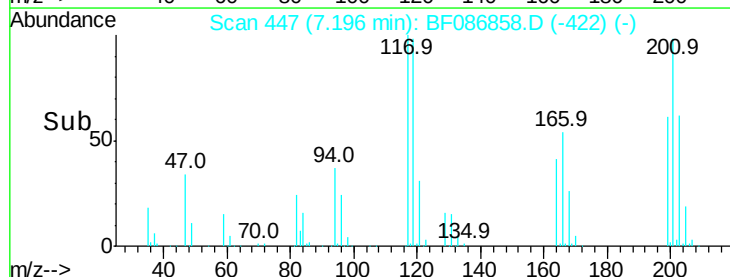
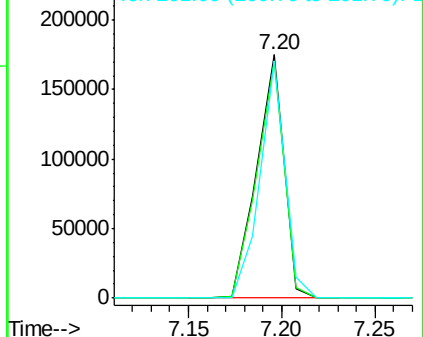
201 97.7 63.0 94.6#

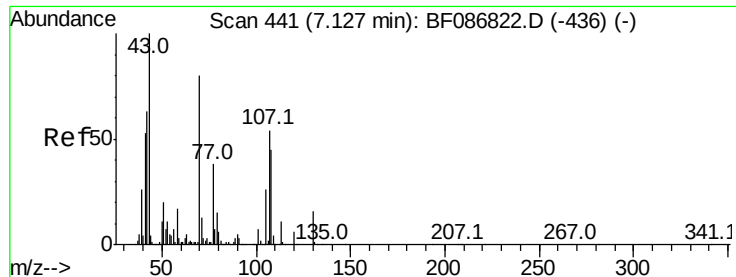


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

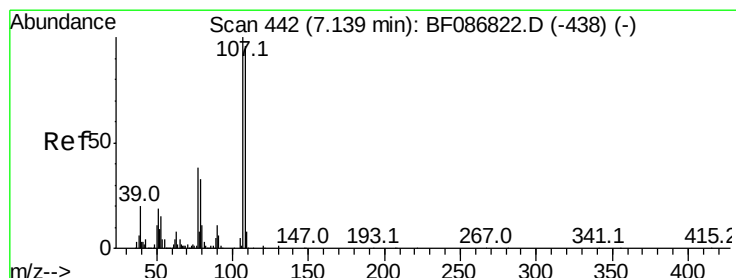
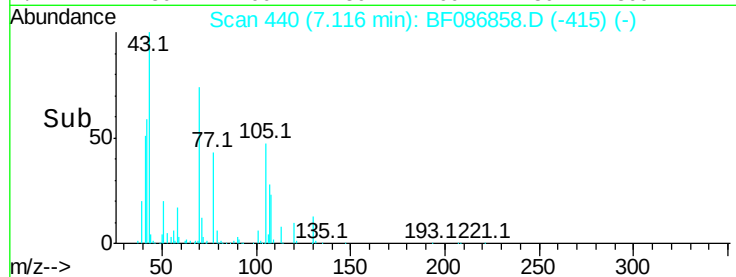
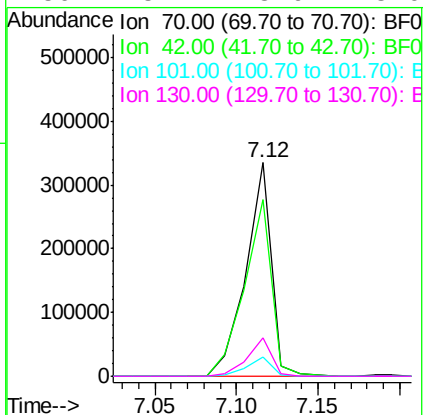
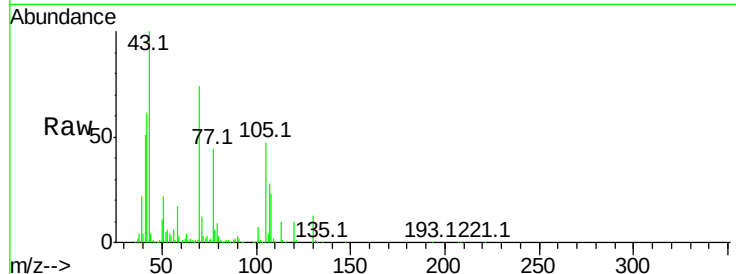




#19
 n-Nitroso-di-n-propylamine
 Concen: 43.96 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

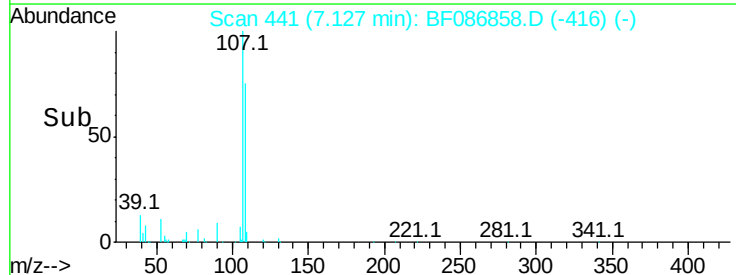
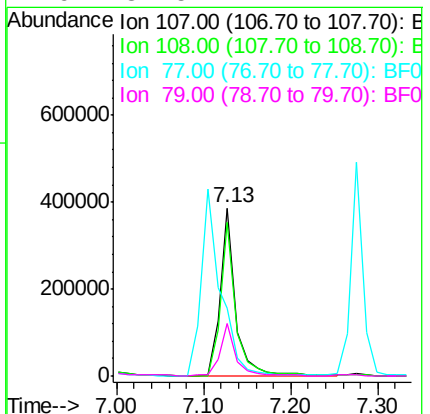
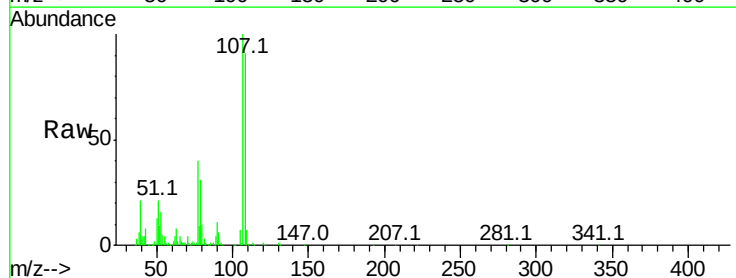
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

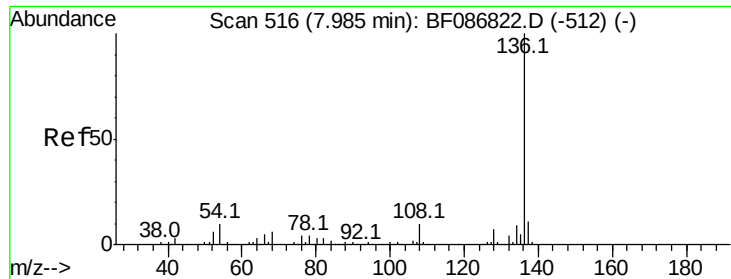
Tot Ion	Ratio	Lower	Upper
70	100		
42	82.9	43.1	64.7#
101	9.1	8.1	12.1
130	18.1	18.6	28.0#



#20
 3+4-Methylphenols
 Concen: 43.10 ng
 RT: 7.13 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.5	108.5
77	40.1	101.6	141.6#
79	31.5	7.4	47.4

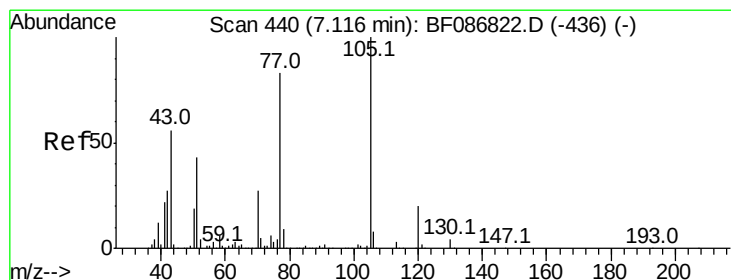
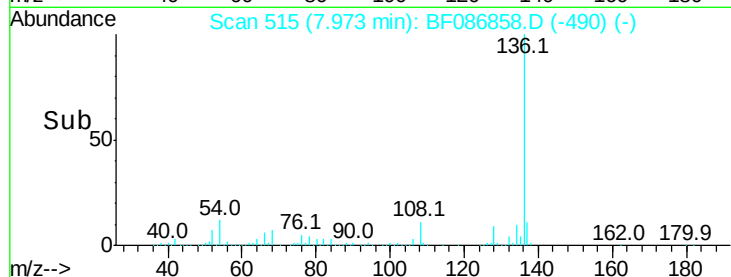
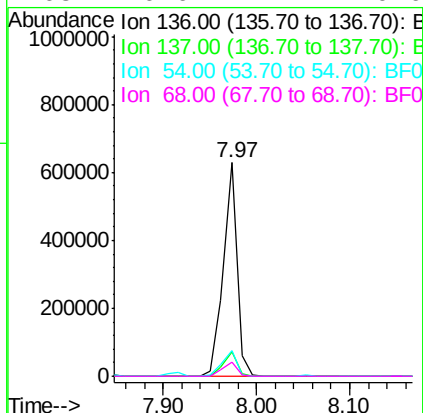
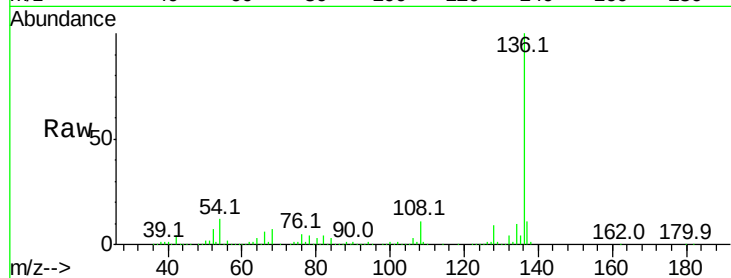




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

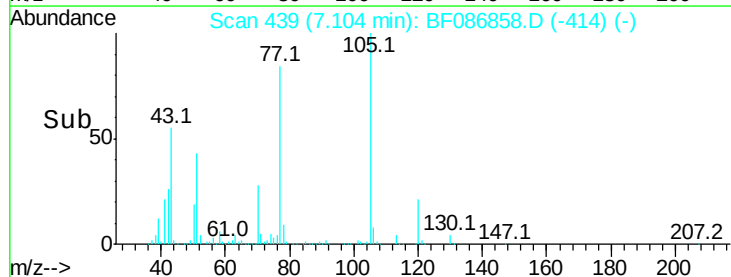
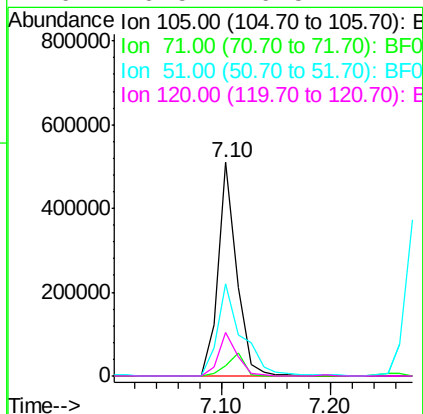
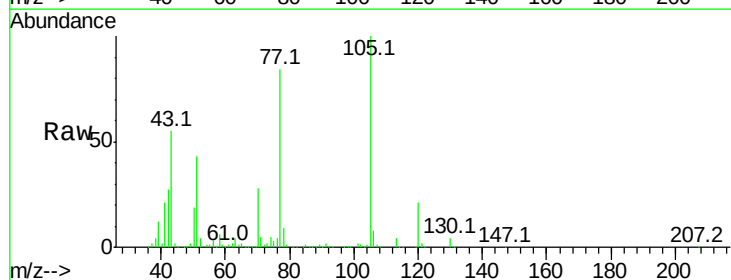
Instrument :
BNA_F
ClientSampleId :
PB90408BS

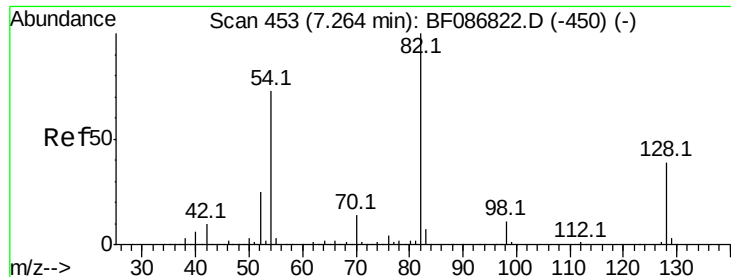
Tot Ion:136	Resp:	638048
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	11.7	5.0 7.4#
68	6.6	4.4 6.6



#22
Acetophenone
Concen: 40.62 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion:105	Resp:	612250
Ion Ratio	Lower	Upper
105	100	
71	4.6	4.8 7.2#
51	42.9	32.6 49.0
120	20.5	16.5 24.7

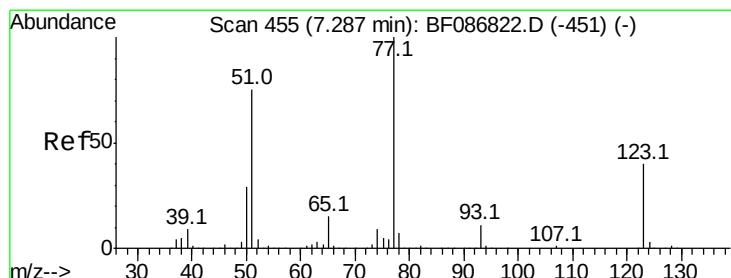
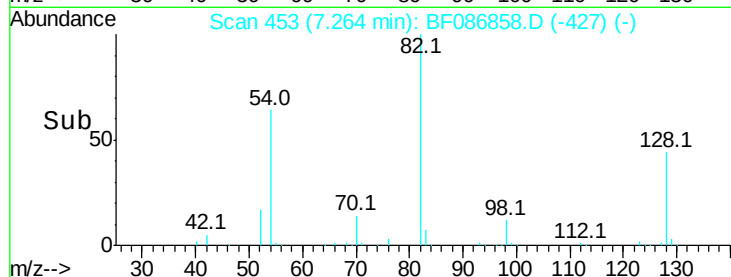
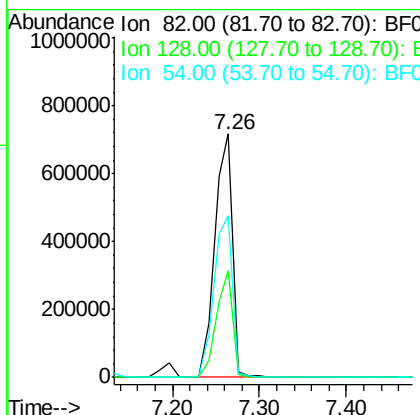
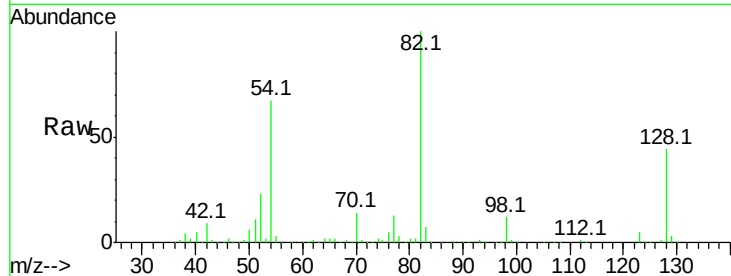




#23
 Nitrobenzene-d5
 Concen: 81.43 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

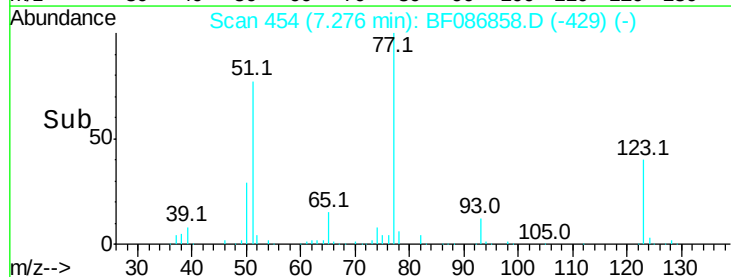
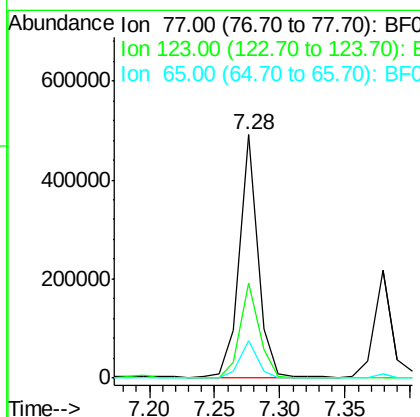
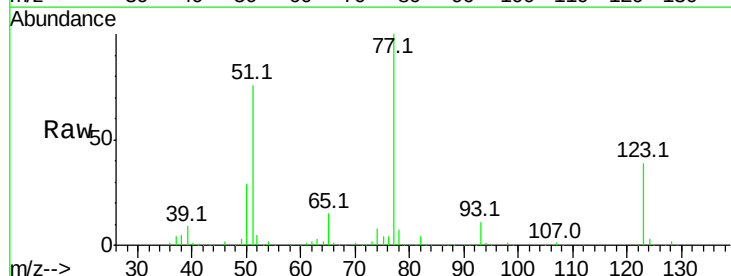
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

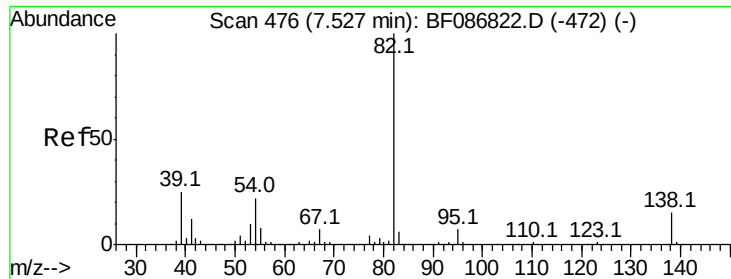
Tot Ion: 82 Resp: 1034743
 Ion Ratio Lower Upper
 82 100
 128 44.0 40.6 61.0
 54 66.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 36.62 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion: 77 Resp: 478716
 Ion Ratio Lower Upper
 77 100
 123 39.2 33.0 49.4
 65 15.2 10.8 16.2





#25

Isophorone

Concen: 38.87 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

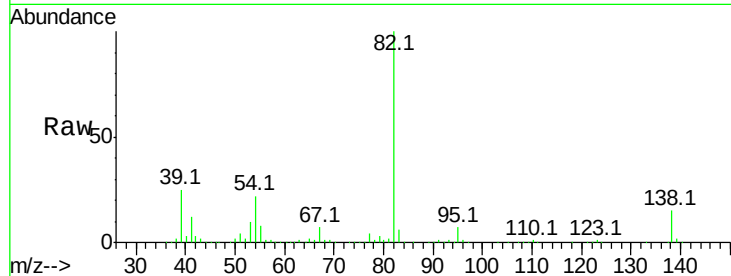
Tot Ion: 82 Resp: 916397

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

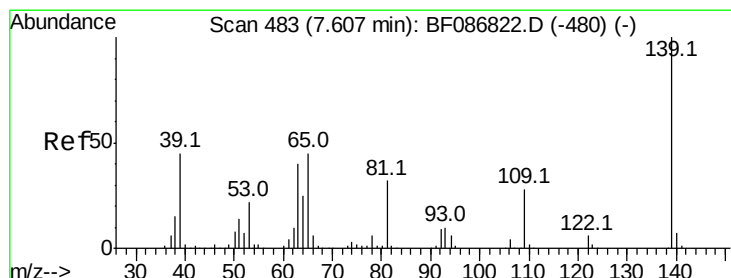
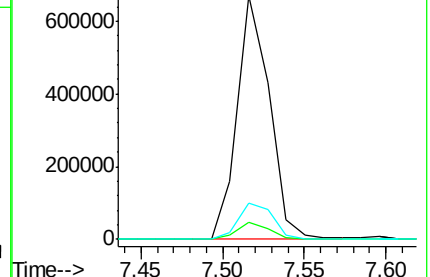
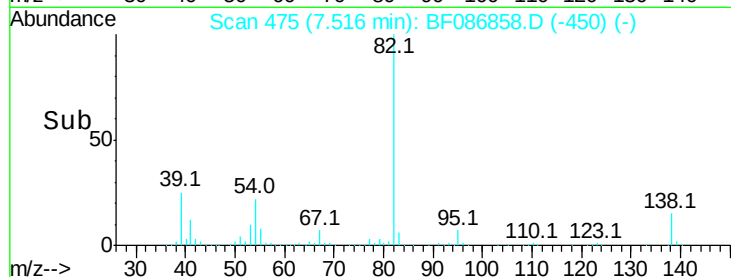
138 15.1 12.4 18.6



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: 41.41 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

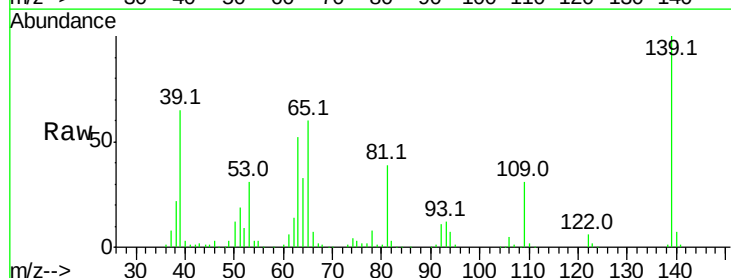
Tgt Ion: 139 Resp: 237953

Ion Ratio Lower Upper

139 100

109 31.3 19.5 29.3#

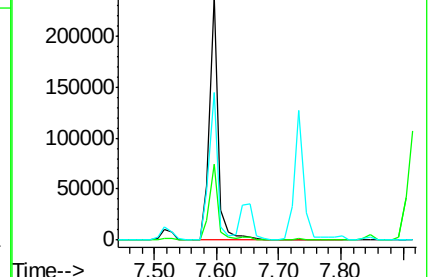
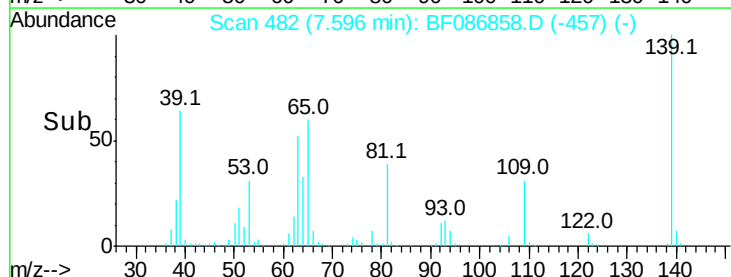
65 60.4 37.5 56.3#

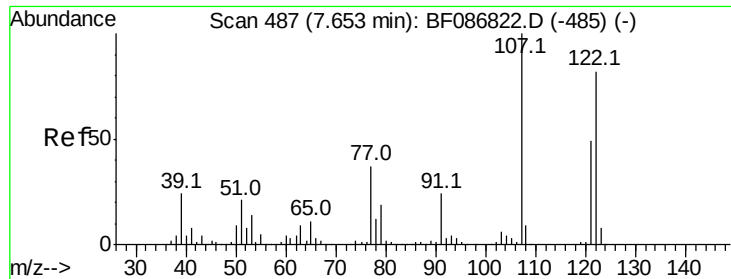


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.16 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

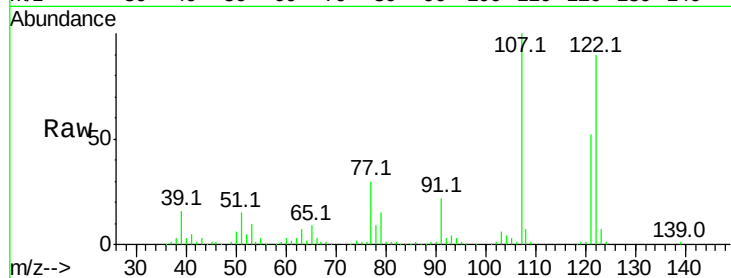
Tot Ion:122 Resp: 412653

Ion Ratio Lower Upper

122 100

107 111.4 82.0 123.0

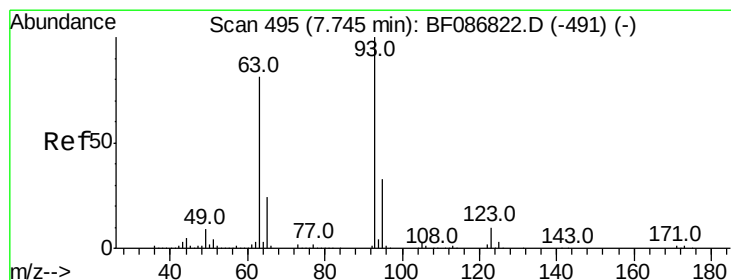
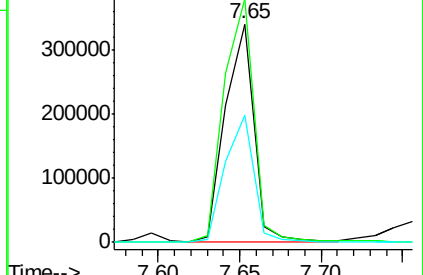
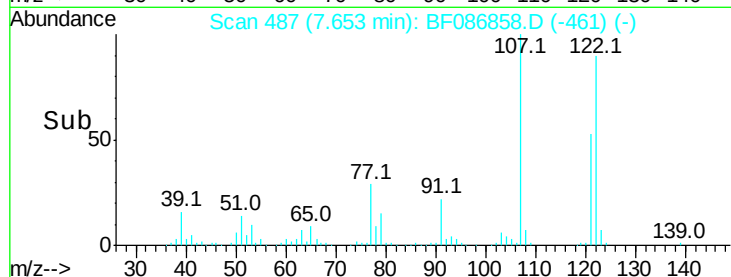
121 58.5 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.04 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

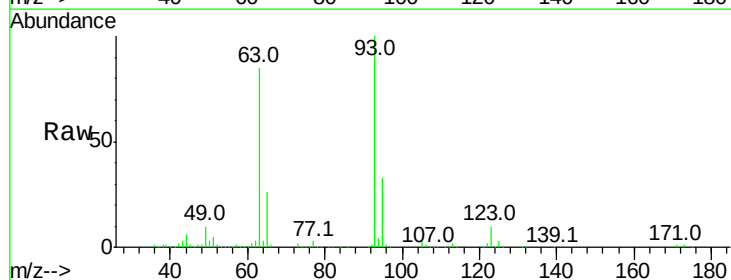
Tgt Ion: 93 Resp: 534652

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

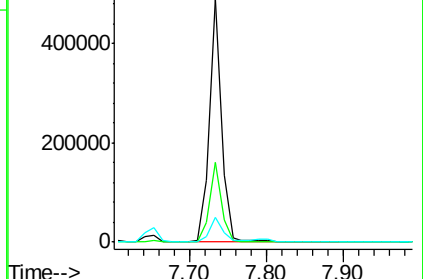
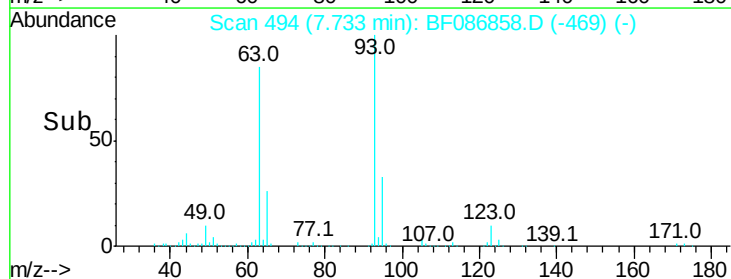
123 9.9 9.5 14.3

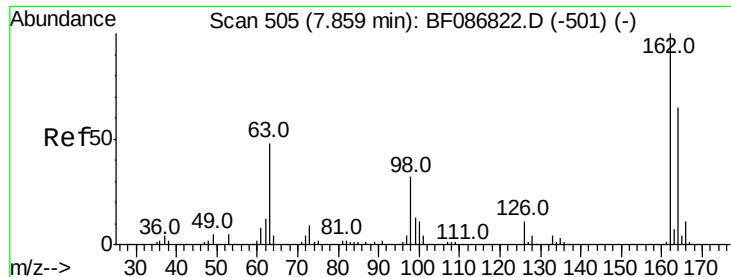


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

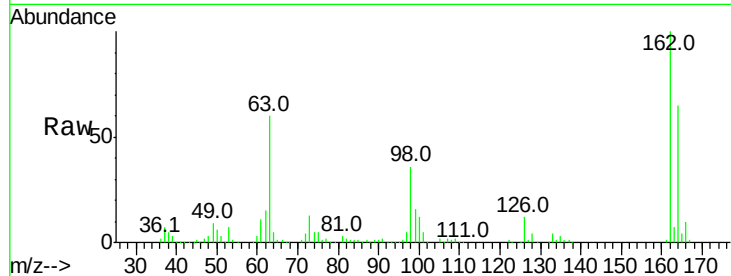




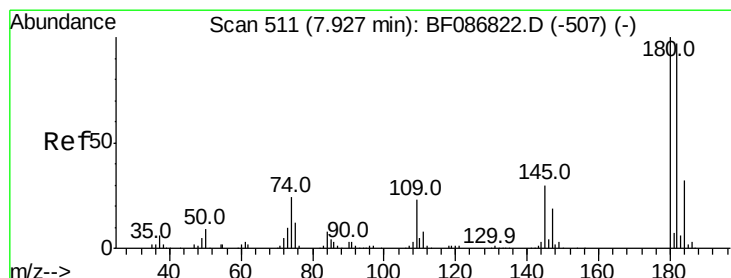
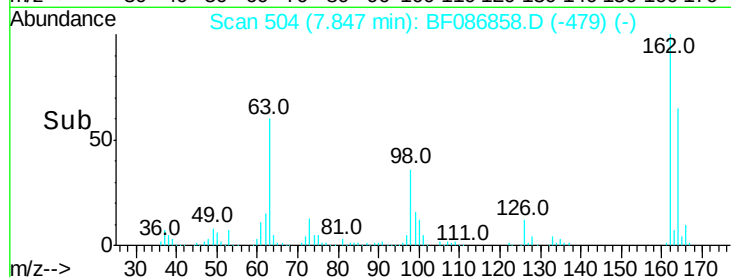
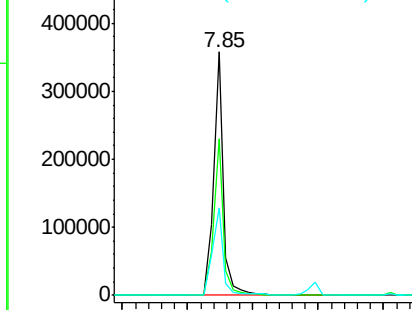
#29
 2,4-Dichlorophenol
 Concen: 44.20 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.2	82.2
98	35.7	19.0	59.0

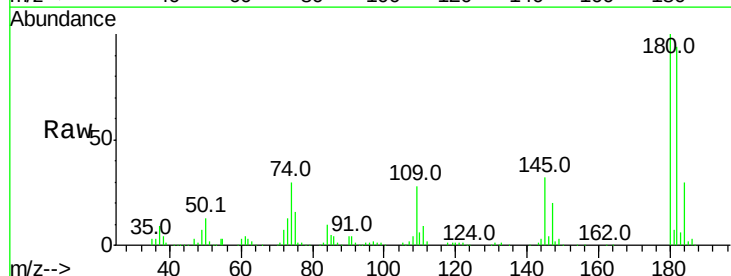


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

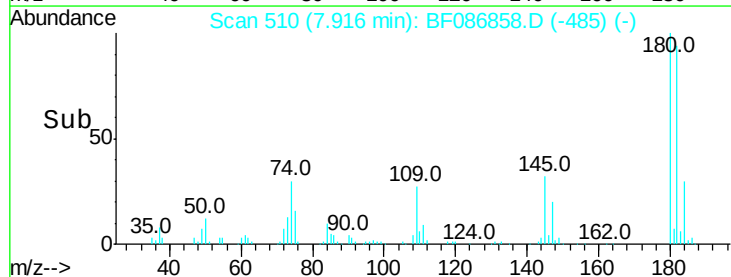
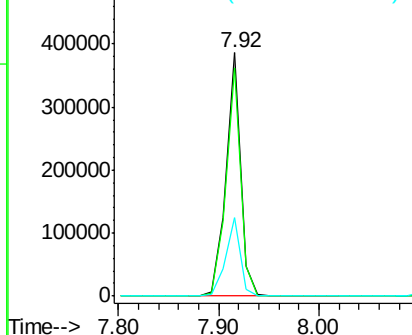


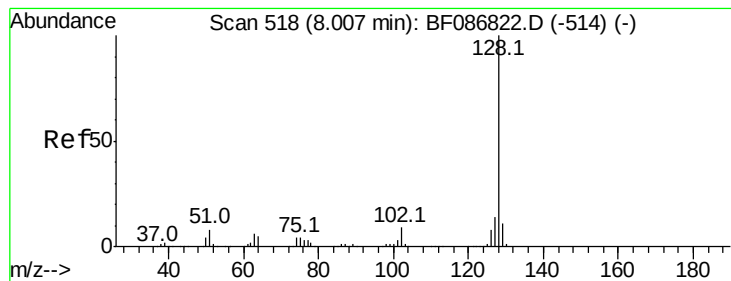
#30
 1,2,4-Trichlorobenzene
 Concen: 40.54 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.0	117.0
145	32.0	24.2	36.2



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





#31

Naphthalene

Concen: 40.56 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

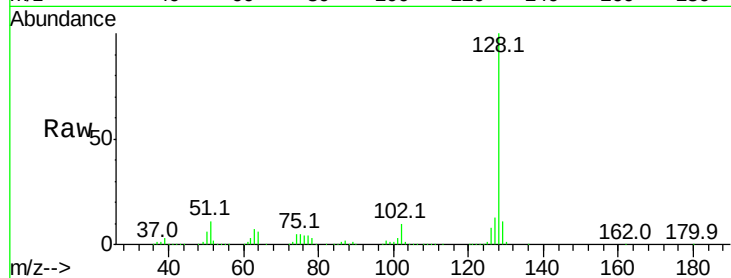
Tot Ion:128 Resp: 1296120

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

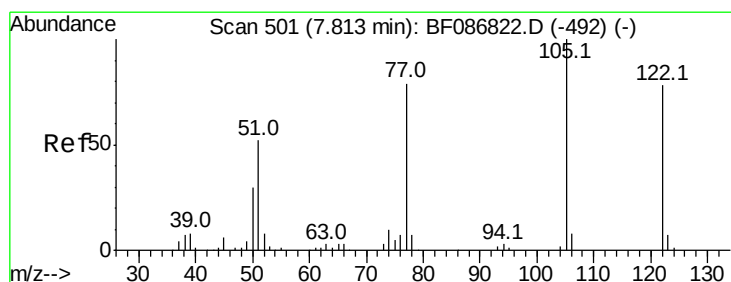
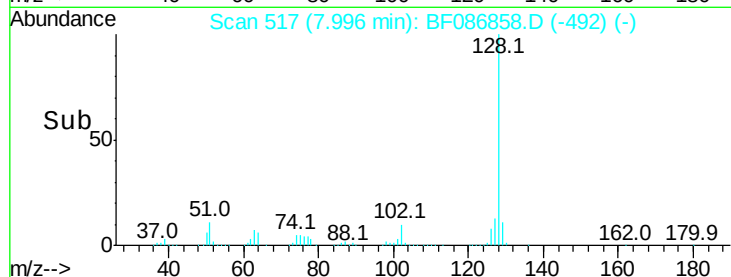
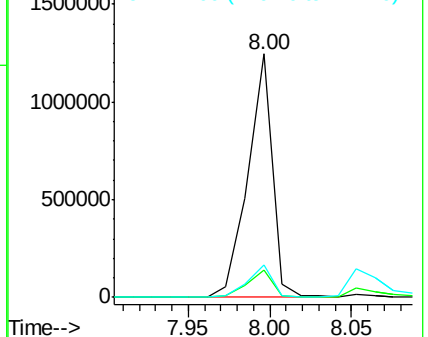
127 13.4 10.8 16.2



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: 38.99 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

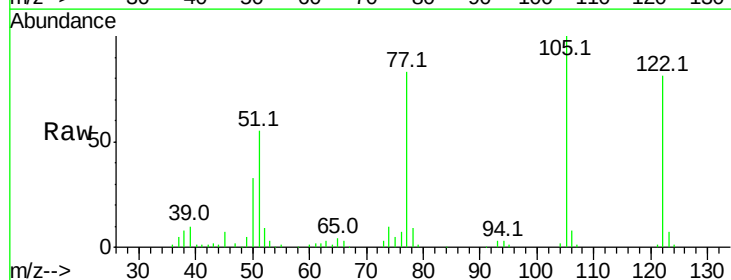
Tgt Ion:122 Resp: 224155

Ion Ratio Lower Upper

122 100

105 123.8 92.6 132.6

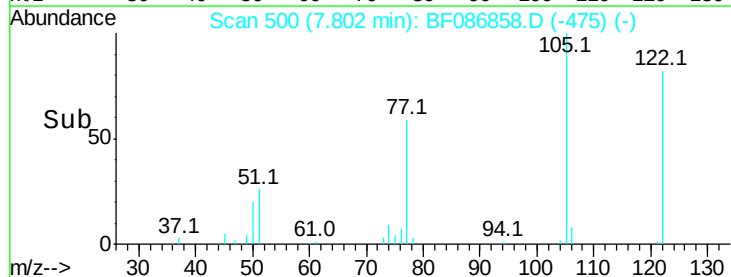
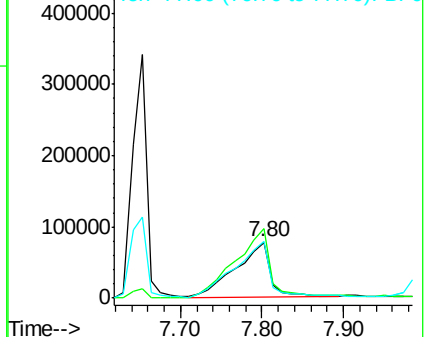
77 102.6 60.0 100.0#

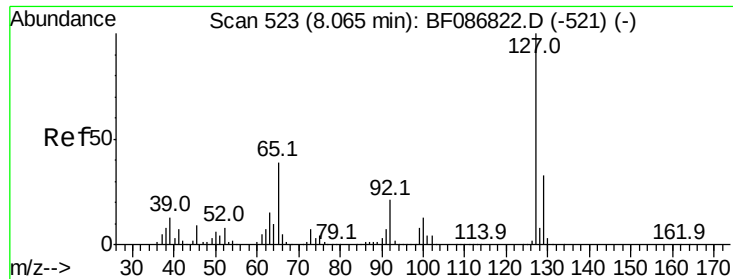


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

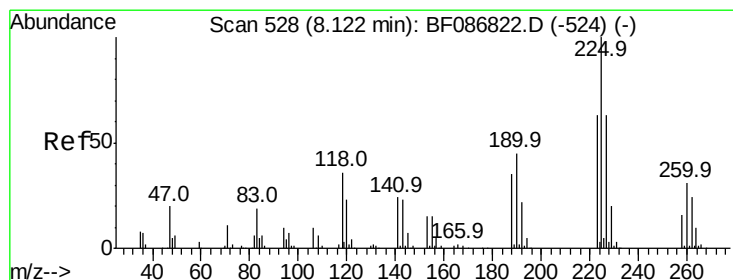
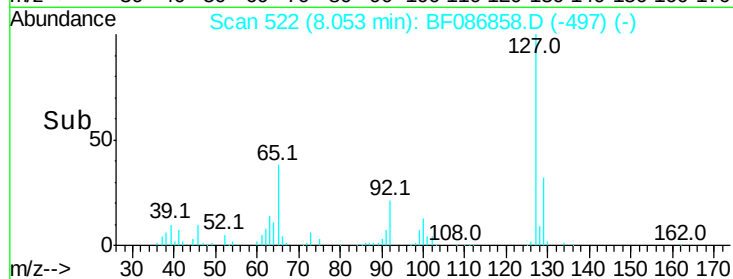
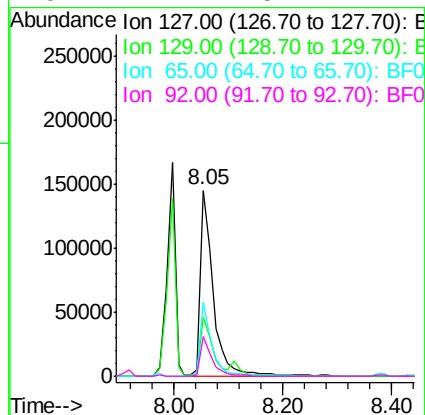
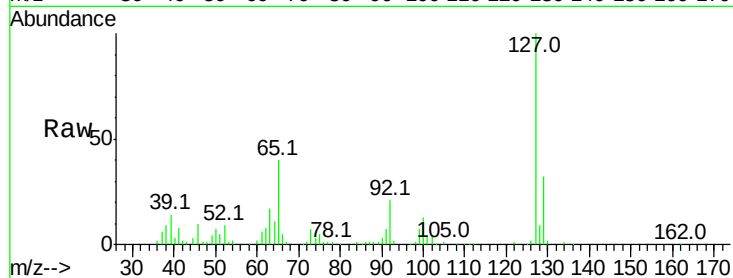




#33
4-Chloroaniline
Concen: 18.83 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

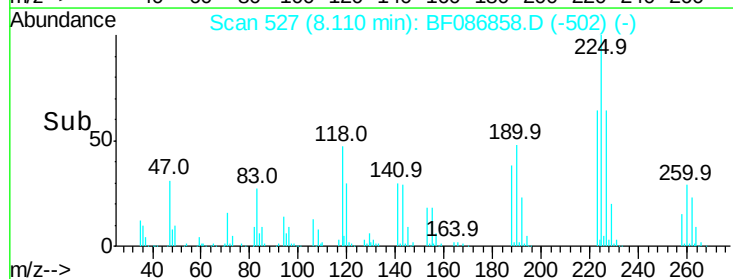
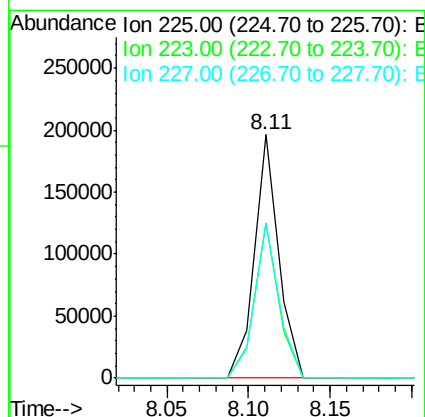
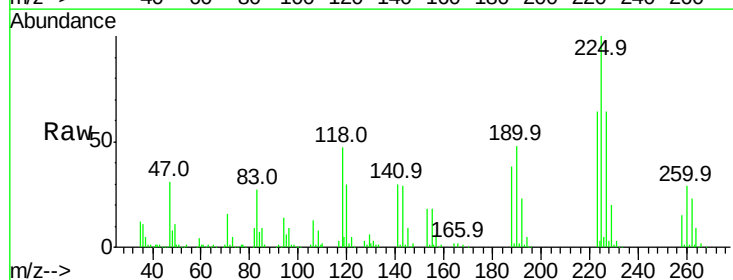
Instrument :
BNA_F
ClientSampleId :
PB90408BS

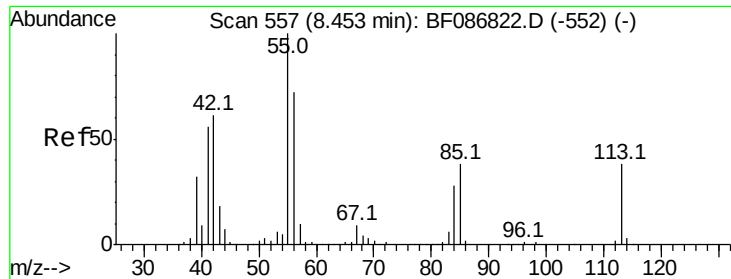
Tot Ion:	127	Resp:	233842
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.4
65	40.0	23.0	34.4
92	21.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 36.46 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion:	225	Resp:	203753
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.5	77.3
227	63.9	52.2	78.2





#35

Caprolactam

Concen: 23.16 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

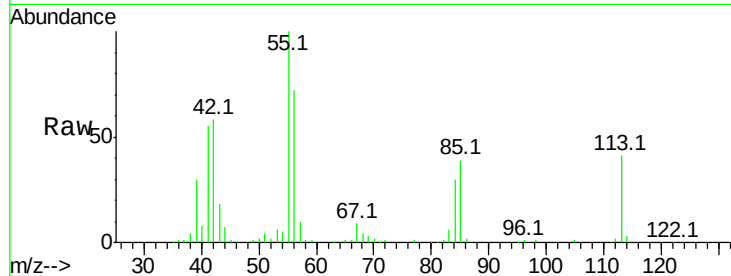
Tot Ion:113 Resp: 67872

Ion Ratio Lower Upper

113 100

55 245.7 162.0 202.0#

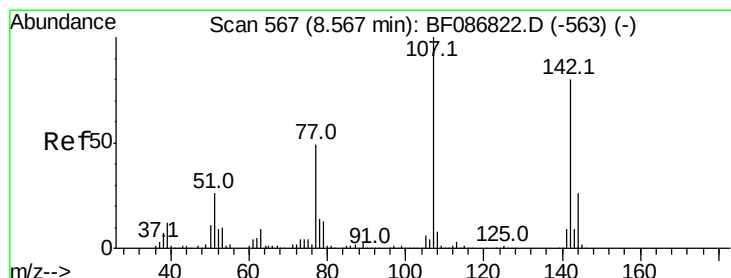
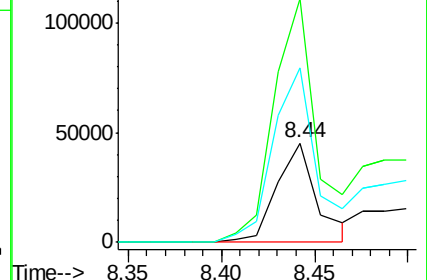
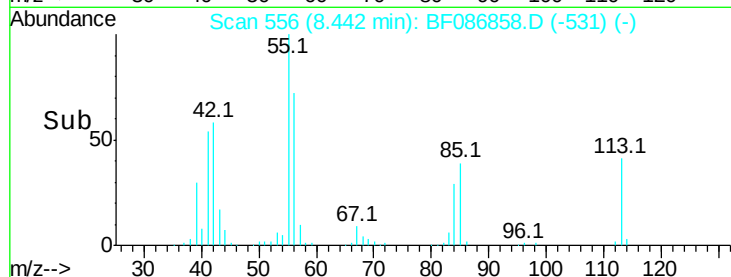
56 176.6 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.64 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

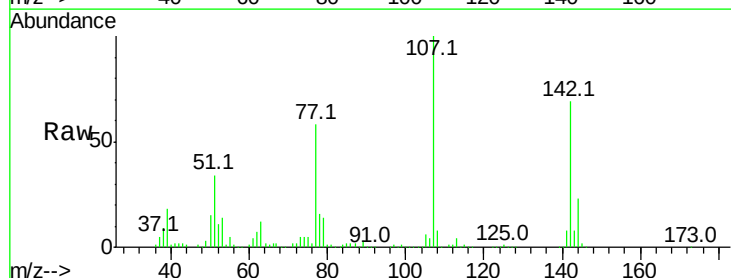
Tgt Ion:107 Resp: 403675

Ion Ratio Lower Upper

107 100

144 22.8 20.7 31.1

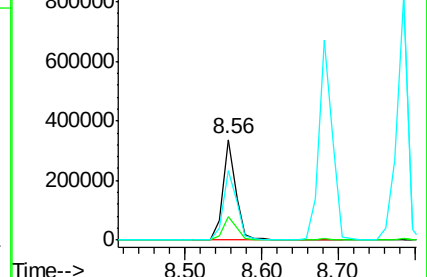
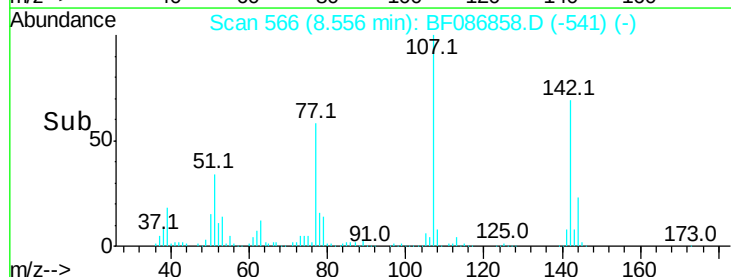
142 69.2 63.2 94.8

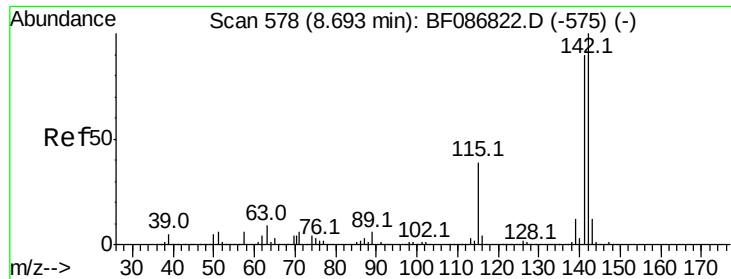


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

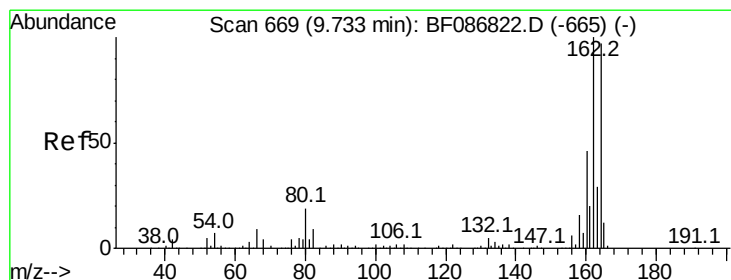
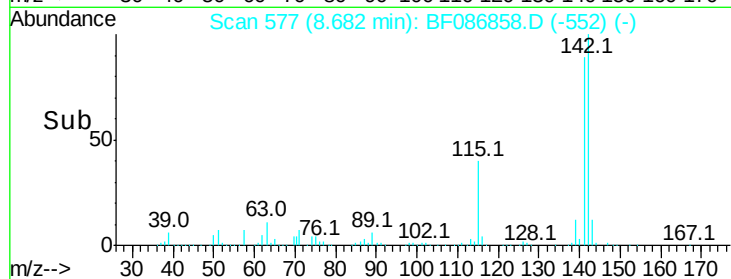
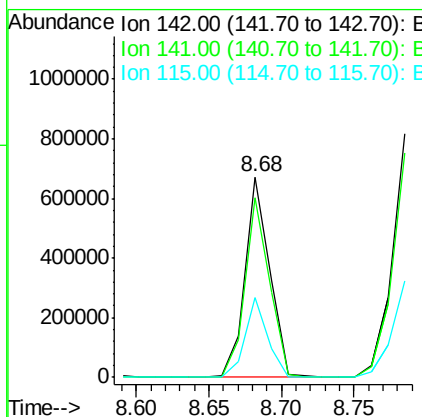
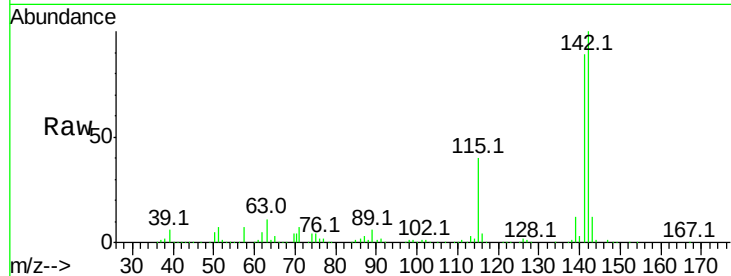




#37
 2-Methylnaphthalene
 Concen: 42.21 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

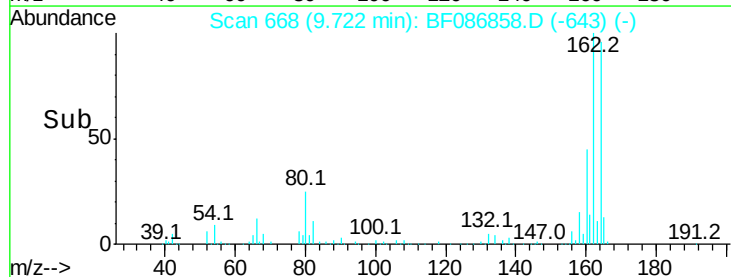
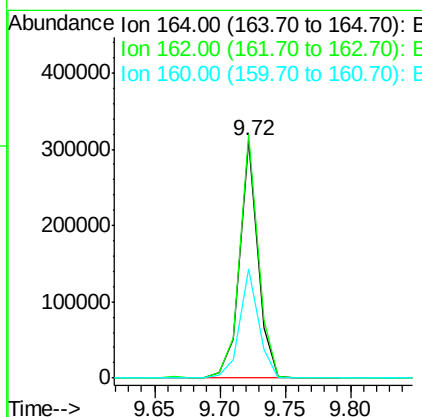
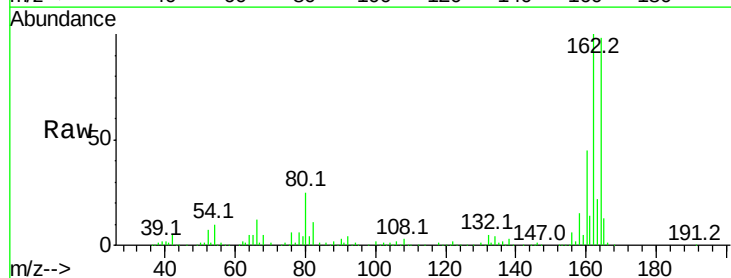
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

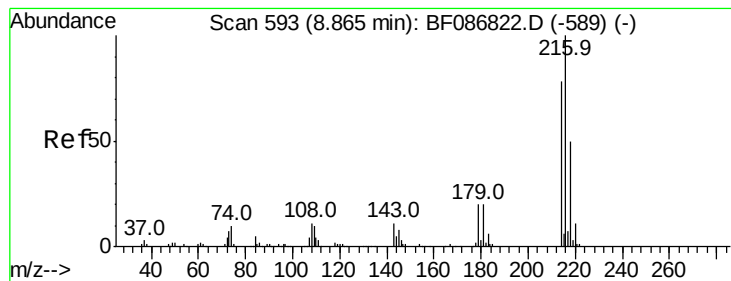
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	39.6	26.6	39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	45.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.74 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

Tot Ion:216 Resp: 356290

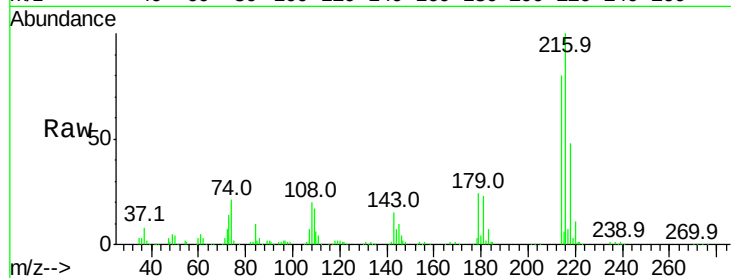
Ion Ratio Lower Upper

216 100

214 80.1 62.6 93.8

179 23.8 18.2 27.4

108 26.7 17.5 26.3#

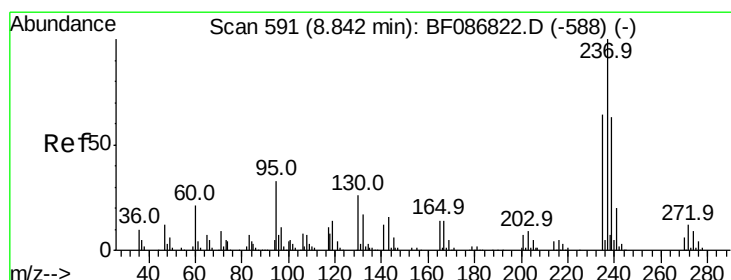
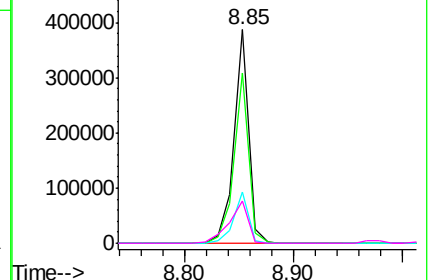
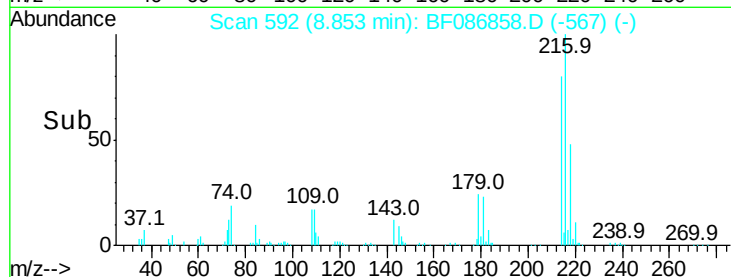


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 96.22 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

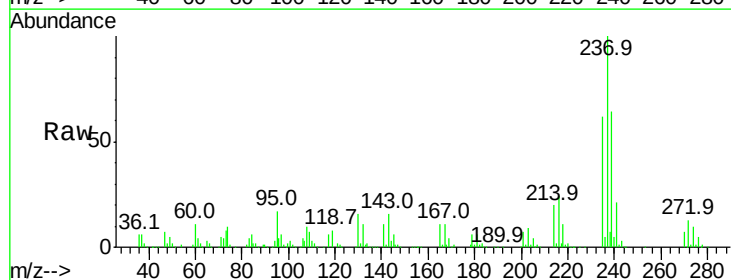
Tgt Ion:237 Resp: 399451

Ion Ratio Lower Upper

237 100

235 62.2 47.2 87.2

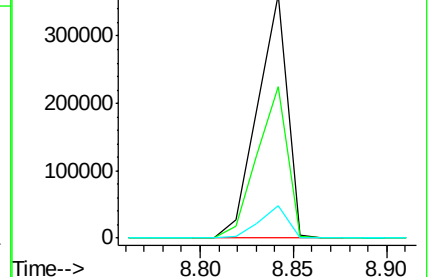
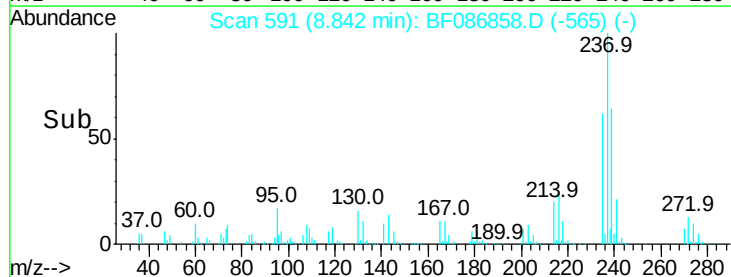
272 13.2 0.0 31.1

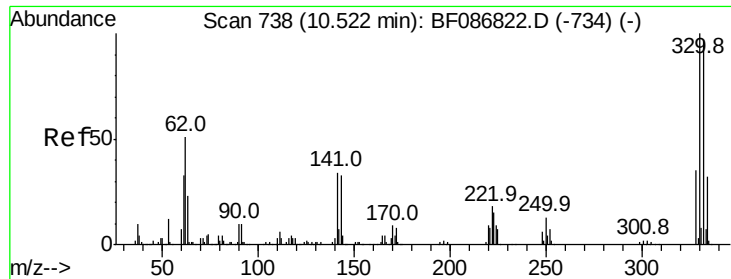


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

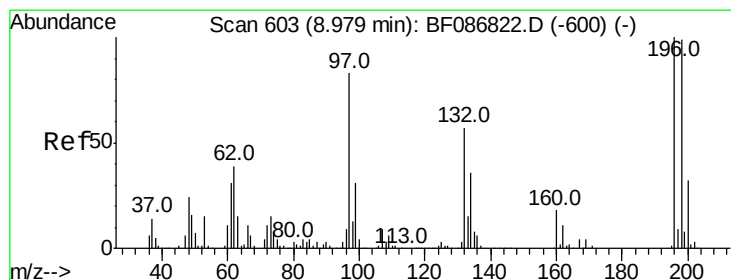
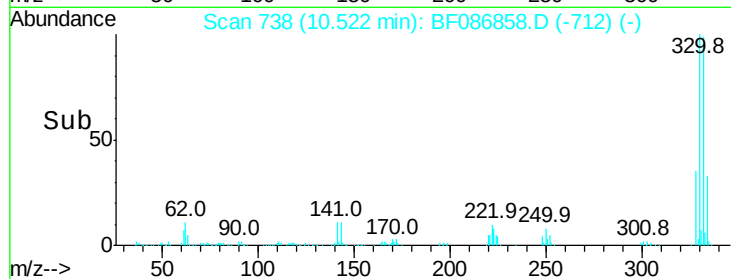
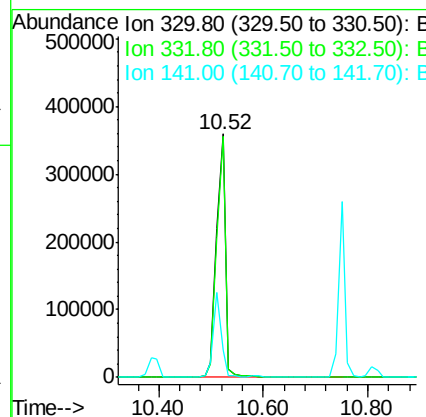
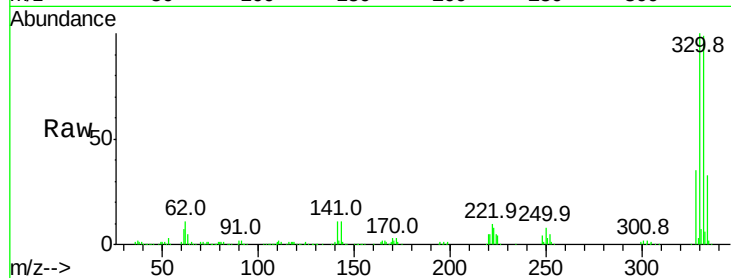




#41
 2,4,6-Tribromophenol
 Concen: 136.99 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

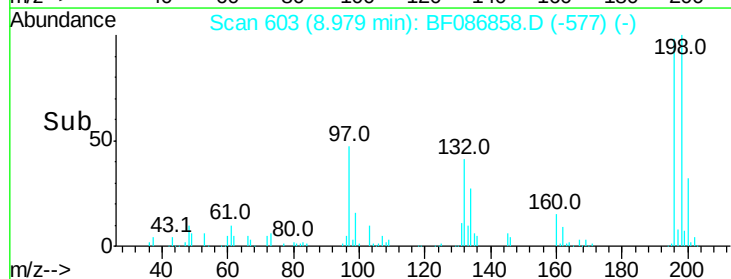
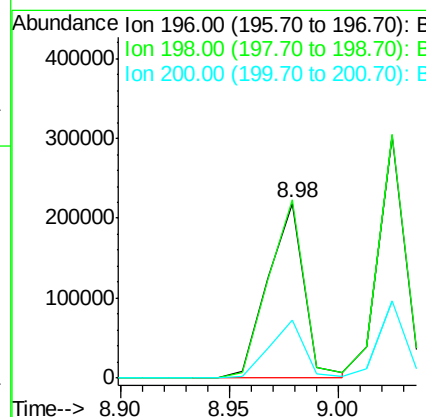
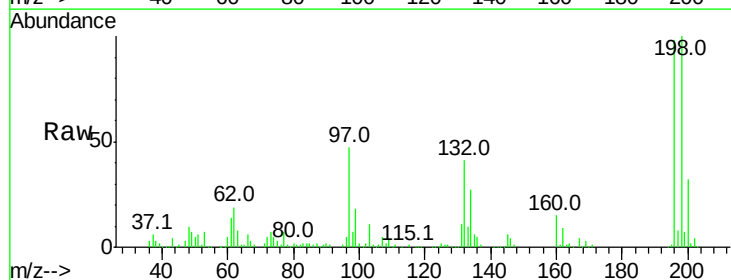
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

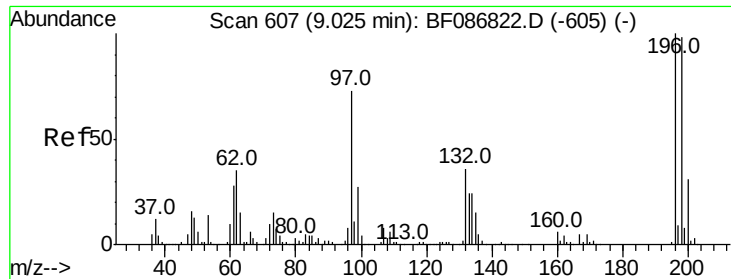
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	30.8	31.2	46.8#



#42
 2,4,6-Trichlorophenol
 Concen: 43.61 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	74.7	112.1
200	33.1	23.8	35.6

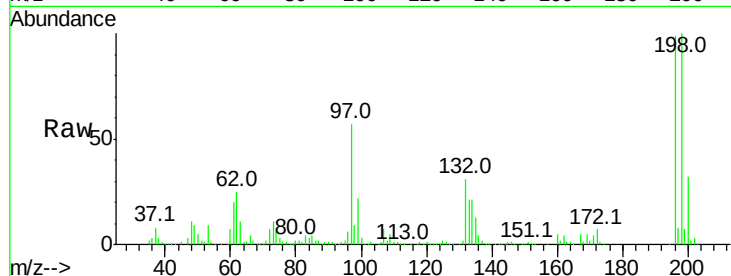




#43
 2,4,5-Trichlorophenol
 Concen: 44.52 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	77.5	116.3
97	57.4	34.8	52.2
132	31.2	23.0	34.4



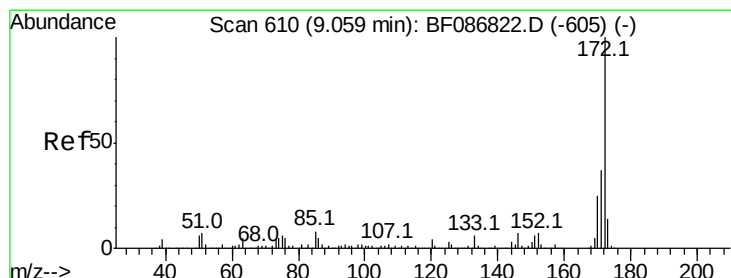
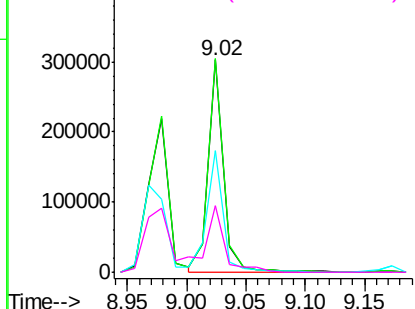
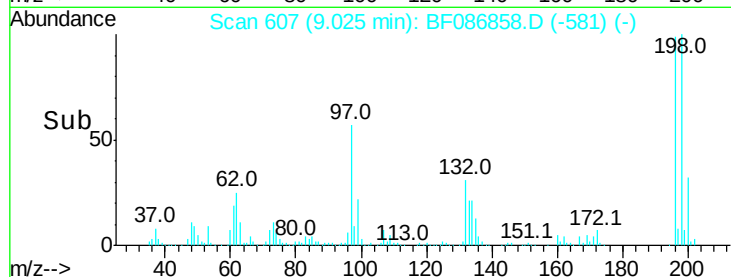
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

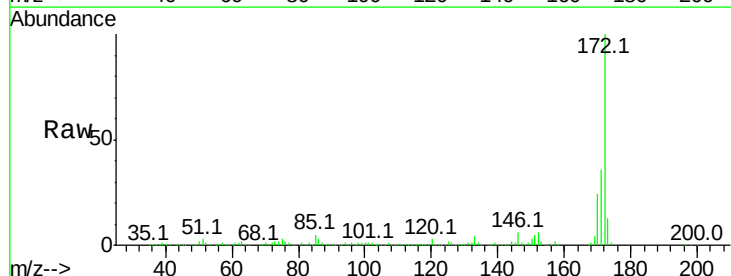
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.17 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.1	19.8	29.8

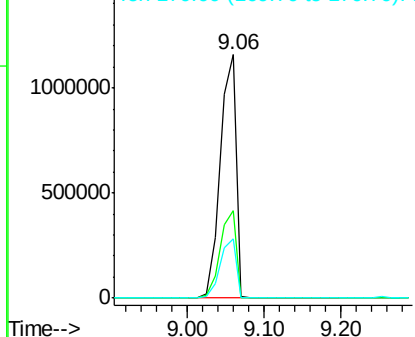
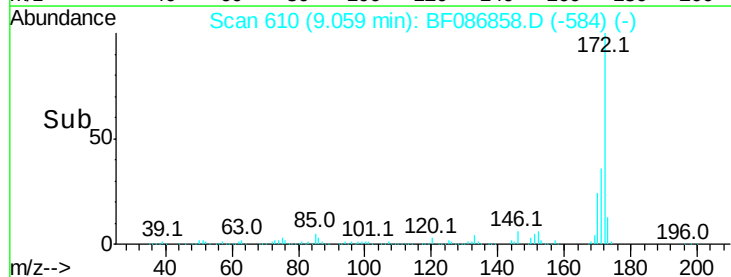


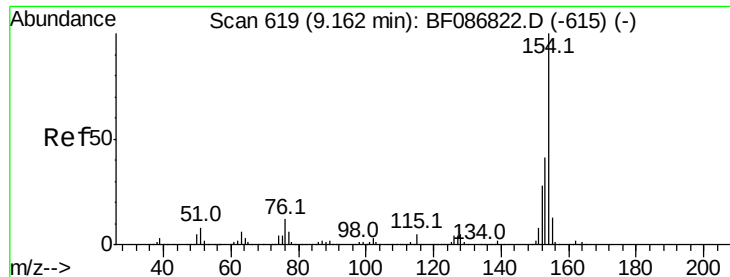
Abundance

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: 41.32 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

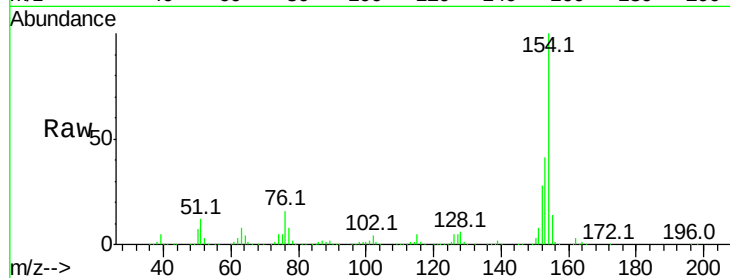
Tot Ion:154 Resp: 988655

Ion Ratio Lower Upper

154 100

153 41.4 20.3 60.3

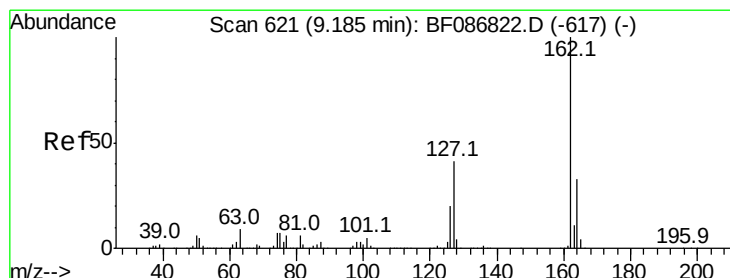
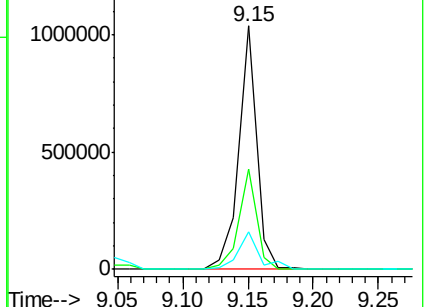
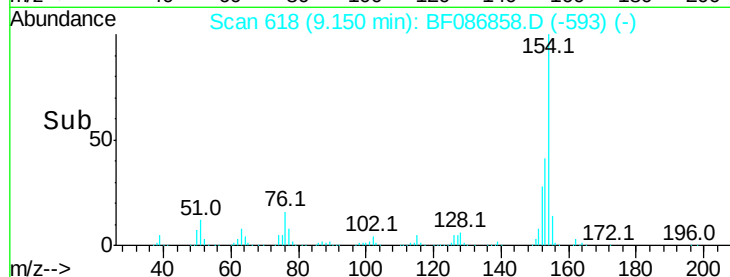
76 15.6 0.0 30.2



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



#46

2-Chloronaphthalene

Concen: 40.81 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

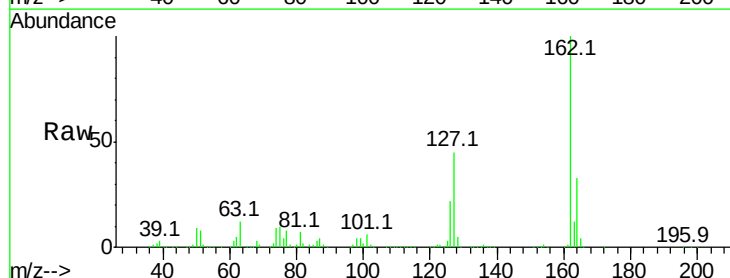
Tgt Ion:162 Resp: 765008

Ion Ratio Lower Upper

162 100

127 45.4 31.8 47.6

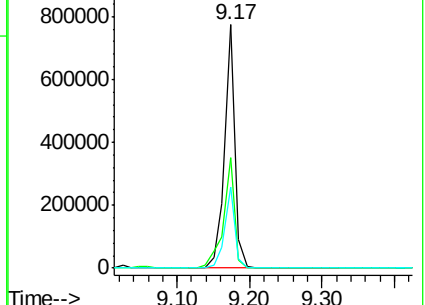
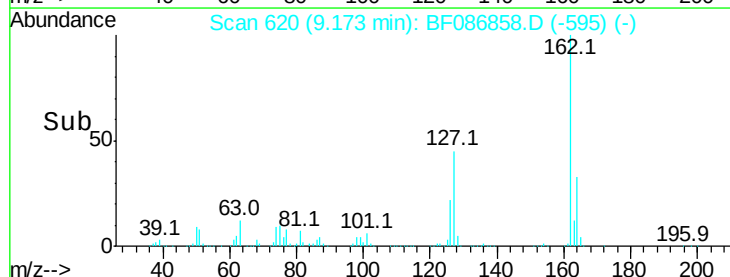
164 33.3 27.0 40.6

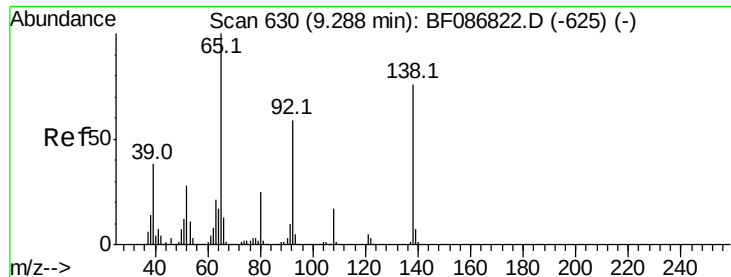


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

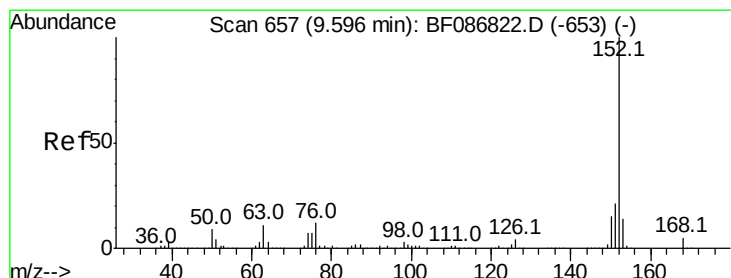
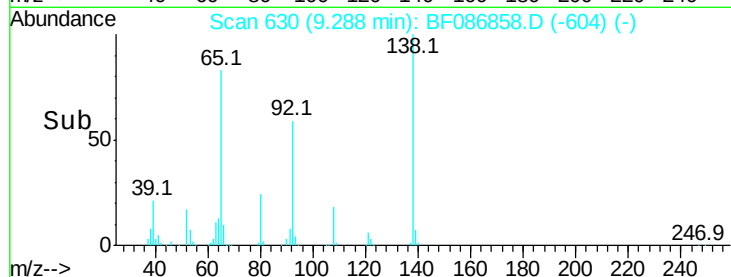
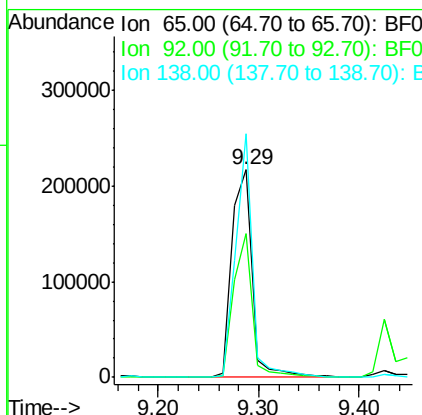
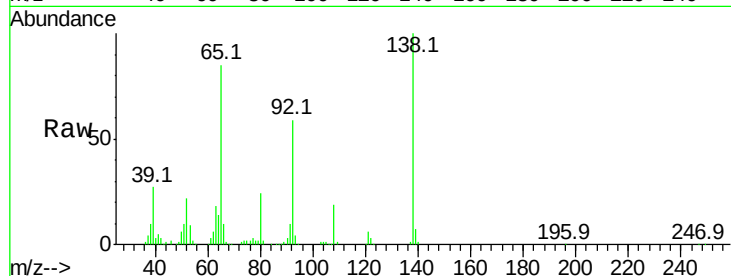




#47
 2-Nitroaniline
 Concen: 44.82 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

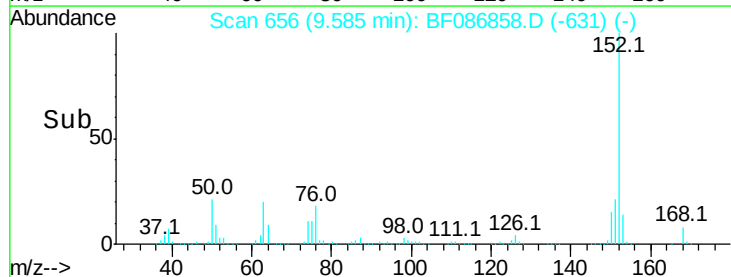
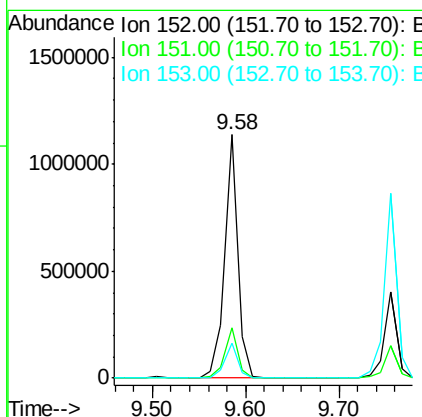
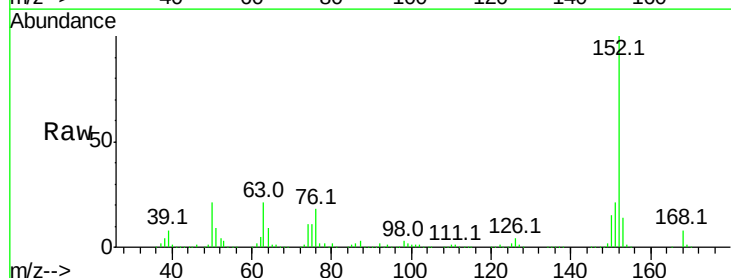
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

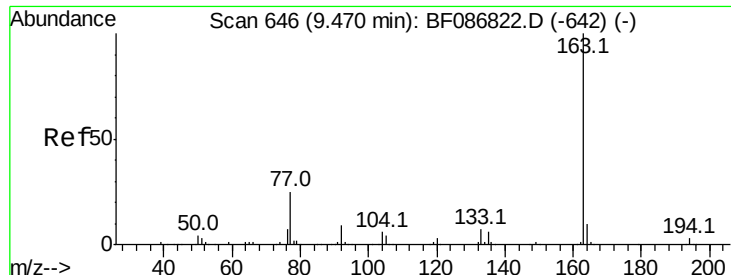
Tot Ion: 65 Resp: 307100
 Ion Ratio Lower Upper
 65 100
 92 69.4 57.4 86.2
 138 117.4 90.1 135.1



#48
 Acenaphthylene
 Concen: 40.48 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion: 152 Resp: 1116236
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 14.5 10.9 16.3





#49

Dimethylphthalate

Concen: 42.58 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

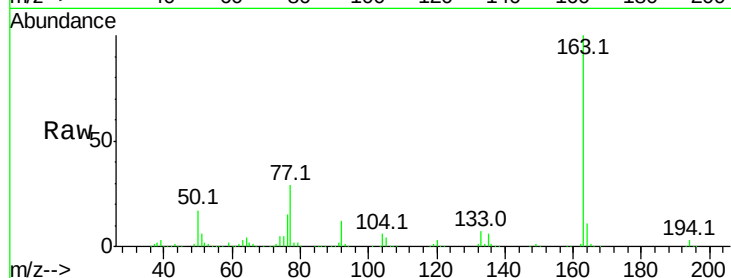
Tot Ion:163 Resp: 977205

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

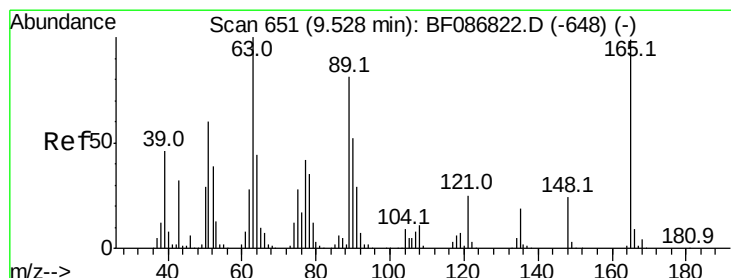
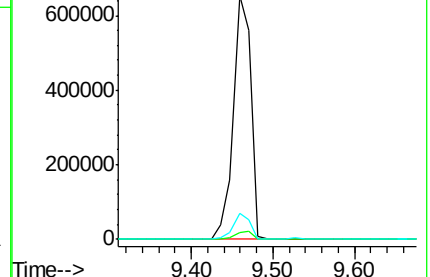
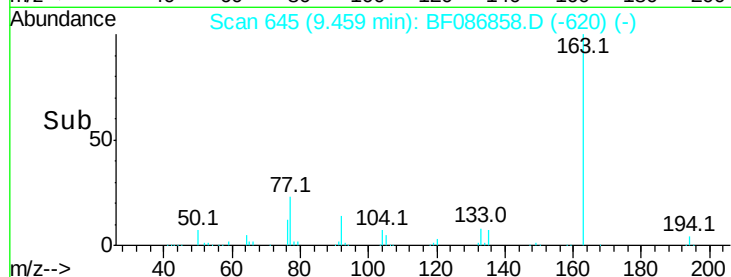
164 10.7 8.2 12.4



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: 47.94 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

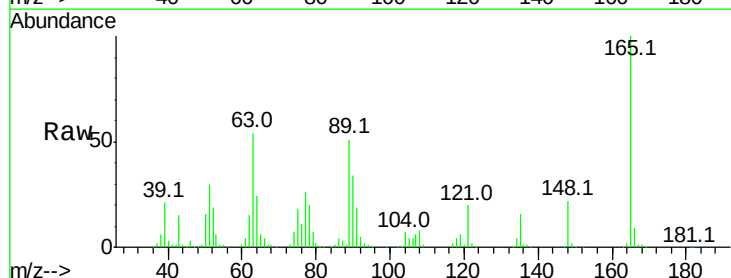
Tgt Ion:165 Resp: 231574

Ion Ratio Lower Upper

165 100

63 54.3 51.8 77.8

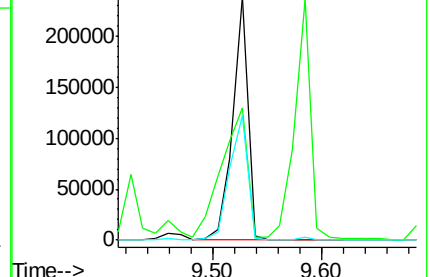
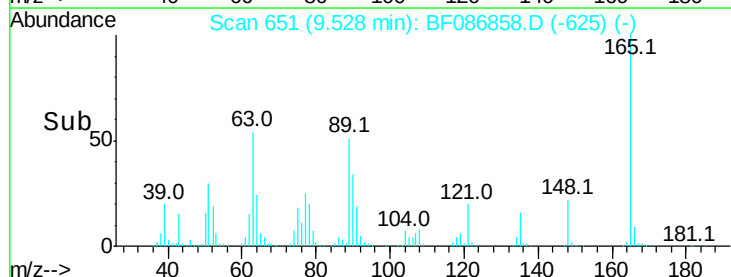
89 51.3 50.7 76.1

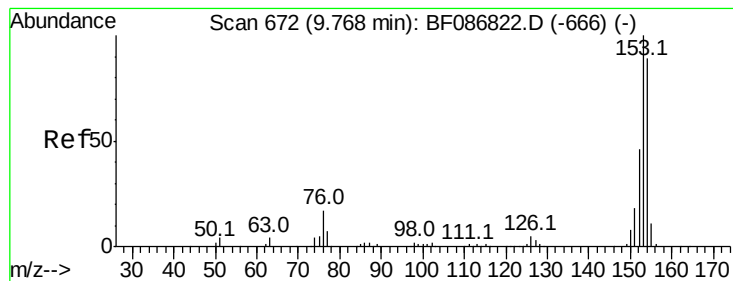


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.51 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

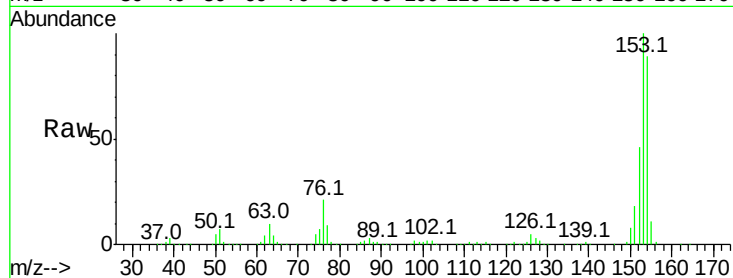
Tot Ion:154 Resp: 711946

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

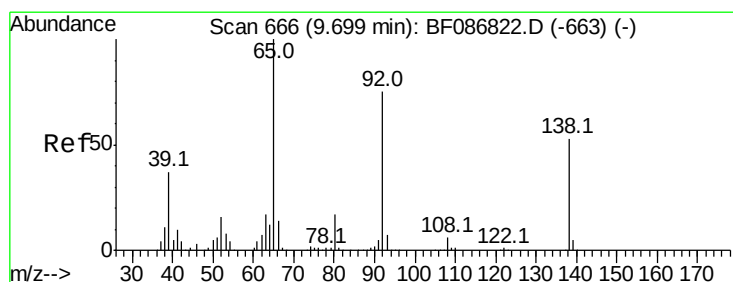
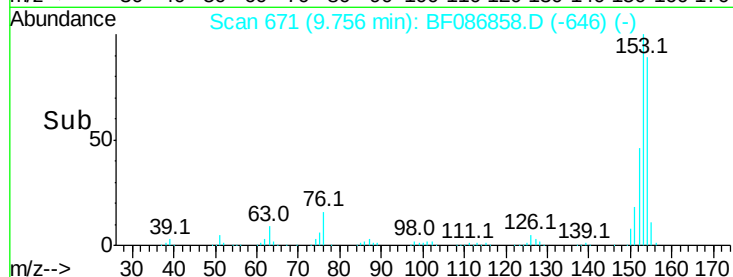
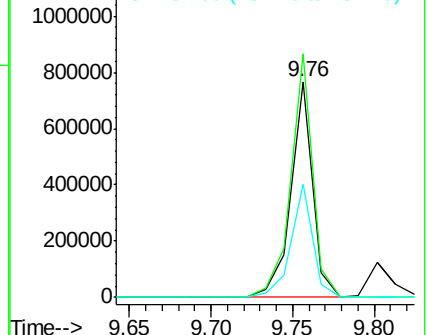
152 52.2 43.4 65.0



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: 26.24 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

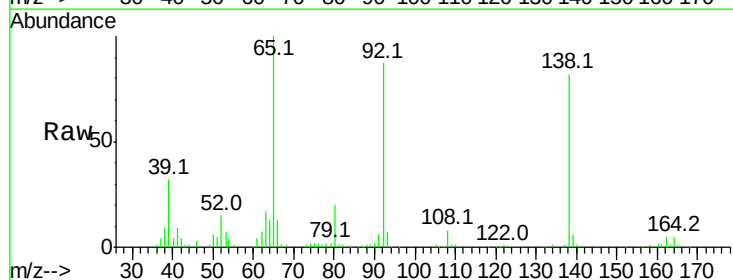
Tgt Ion:138 Resp: 133421

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

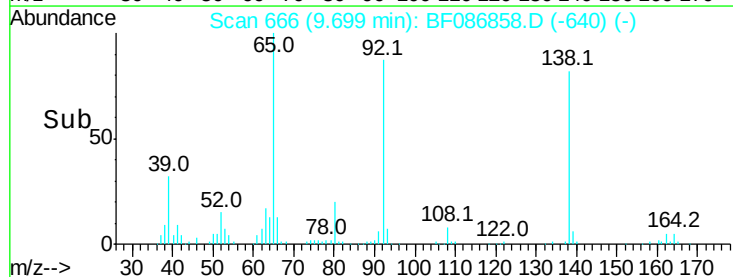
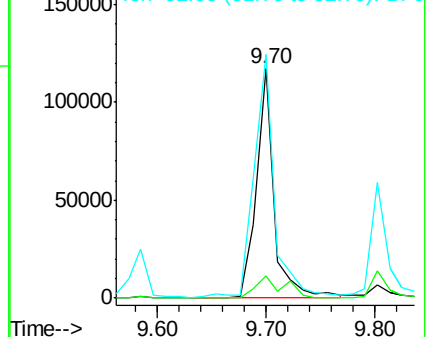
92 106.2 87.8 131.8

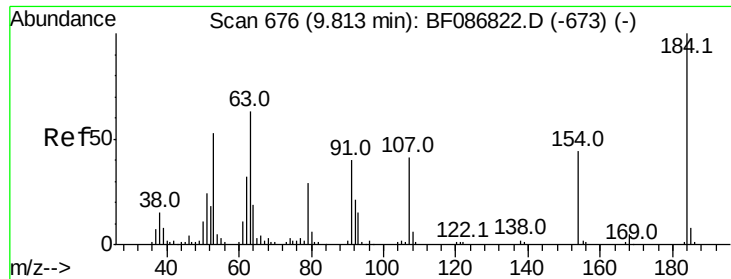


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

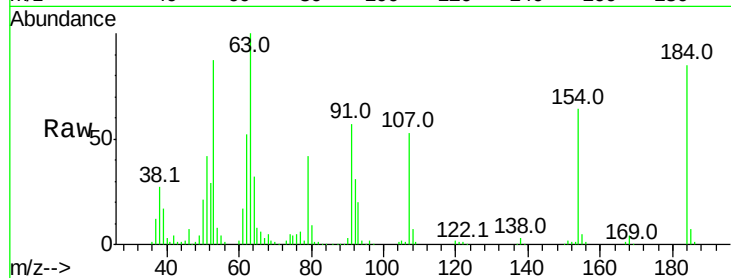




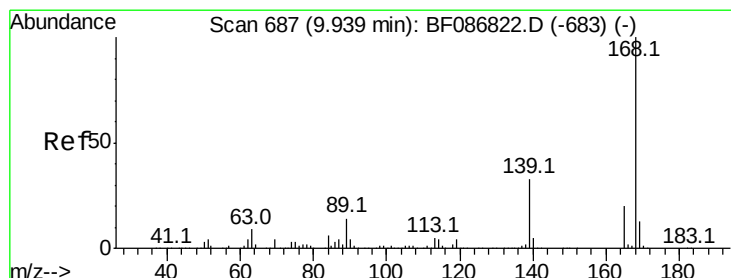
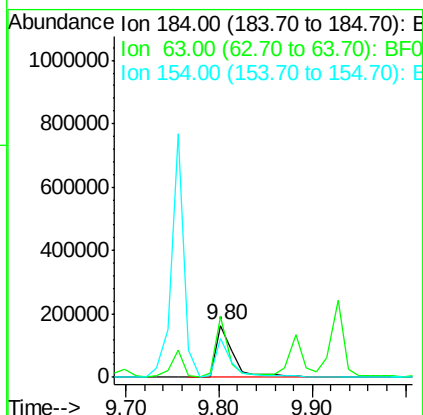
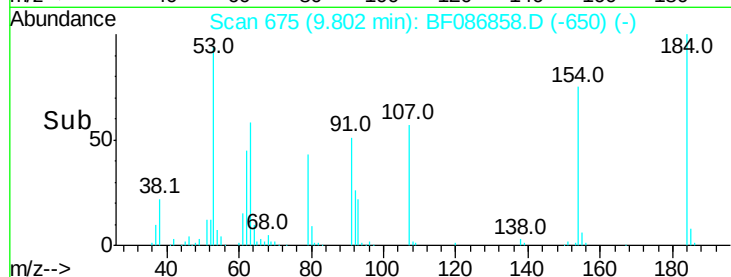
#53
 2,4-Dinitrophenol
 Concen: 84.78 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion:184 Resp: 210526
 Ion Ratio Lower Upper
 184 100
 63 117.2 55.8 83.8#
 154 75.2 62.4 93.6

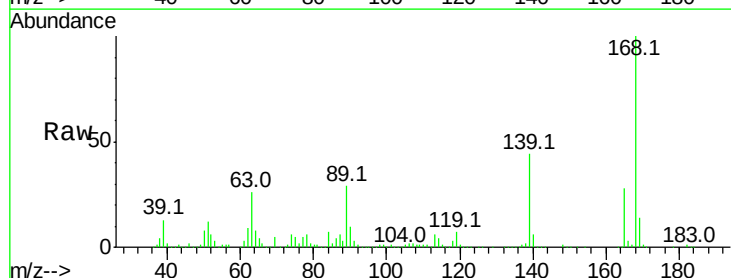


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

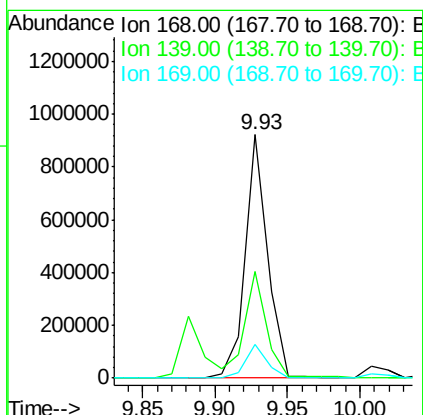
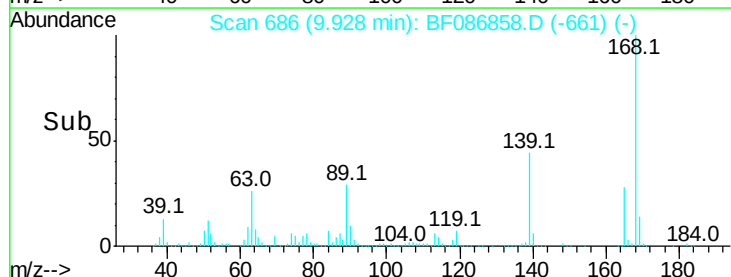


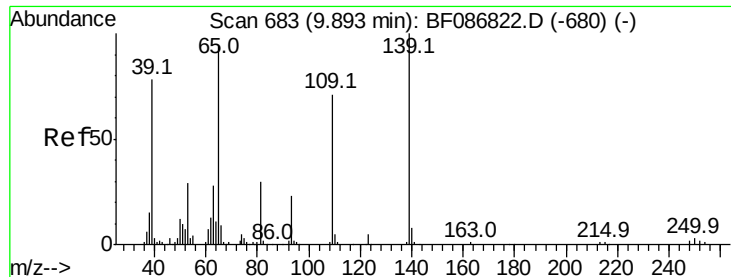
#54
 Dibenzofuran
 Concen: 44.83 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion:168 Resp: 987094
 Ion Ratio Lower Upper
 168 100
 139 43.9 31.4 47.0
 169 13.7 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: 74.32 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampled :

PB90408BS

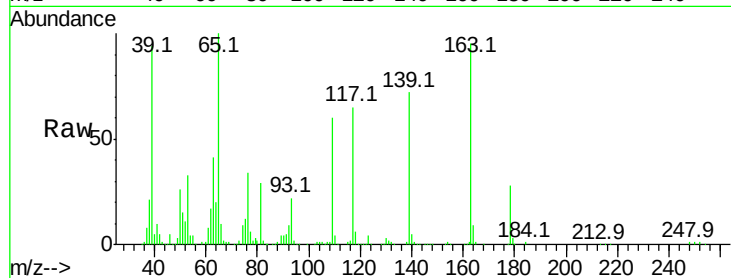
Tot Ion:139 Resp: 250803

Ion Ratio Lower Upper

139 100

109 83.4 36.9 76.9#

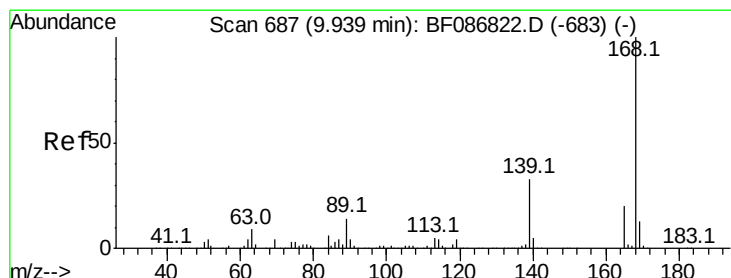
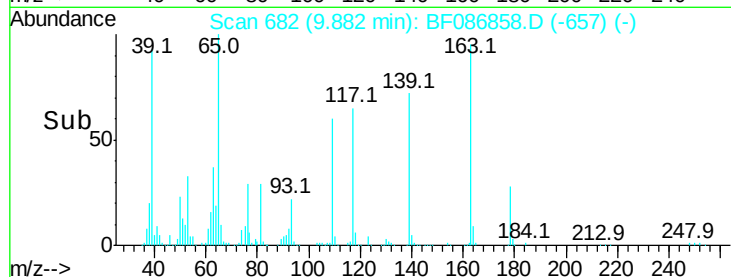
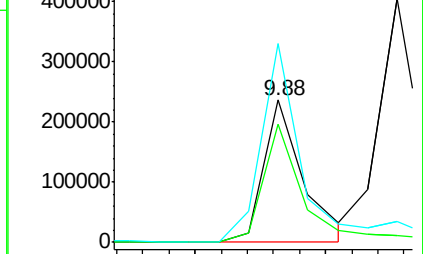
65 139.8 64.0 104.0#



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: 40.57 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:165 Resp: 242477

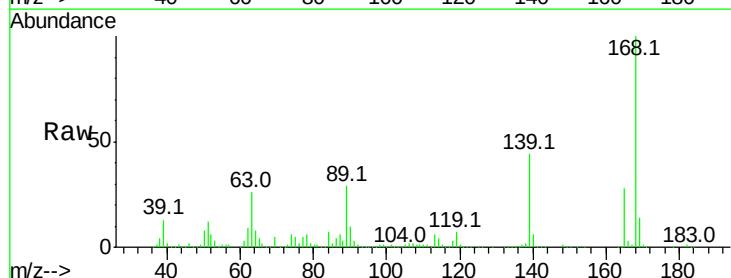
Ion Ratio Lower Upper

165 100

63 94.8 44.3 66.5#

89 105.0 70.0 105.0

182 2.4 1.8 2.6

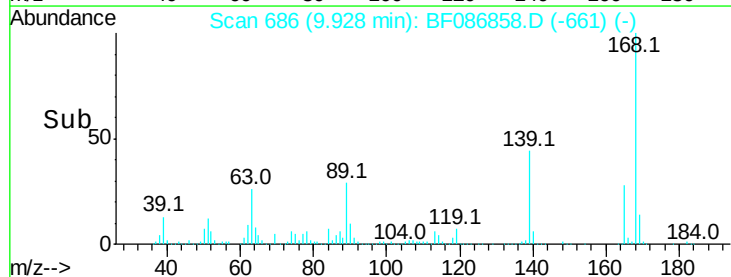
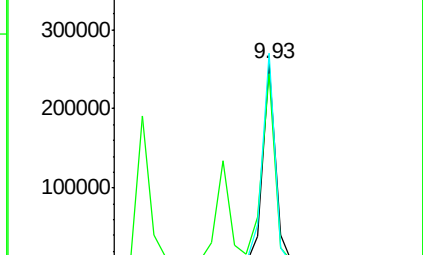


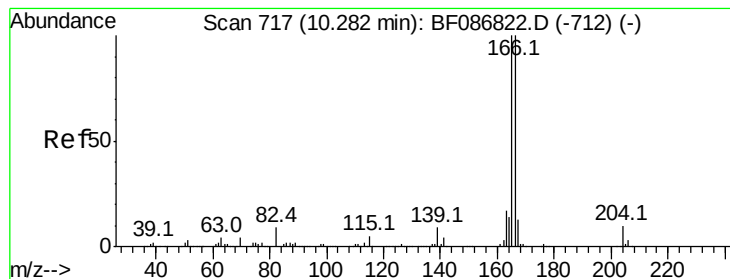
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.06 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

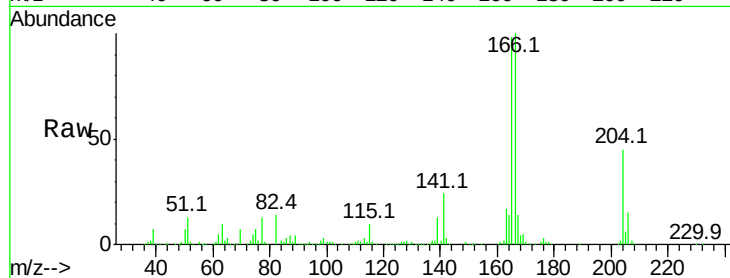
Tot Ion:166 Resp: 771031

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

167 13.6 10.6 15.8

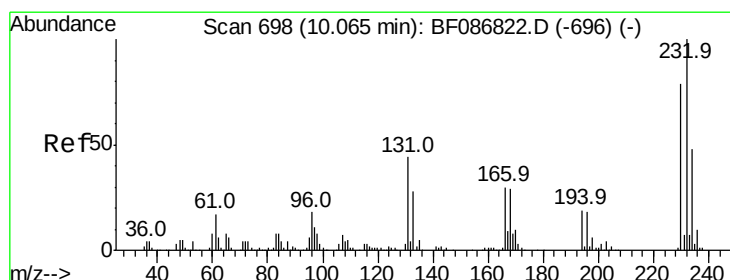
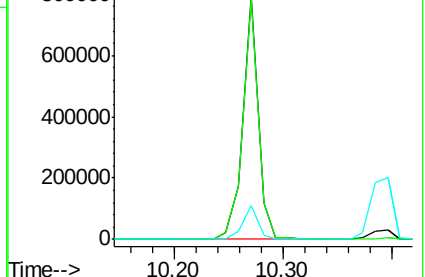
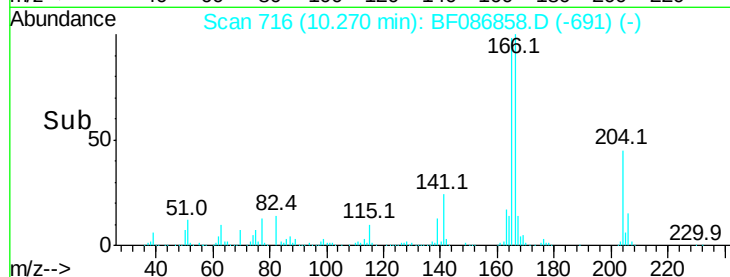


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.27



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.74 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion:232 Resp: 221935

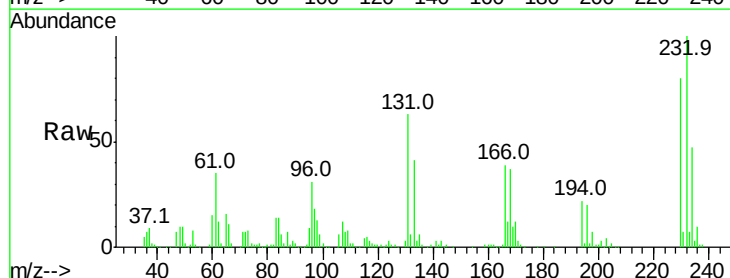
Ion Ratio Lower Upper

232 100

131 54.9 41.9 62.9

130 2.9 2.2 3.4

166 32.9 26.8 40.2



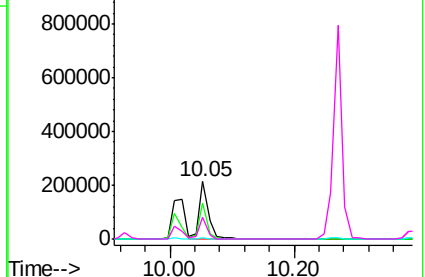
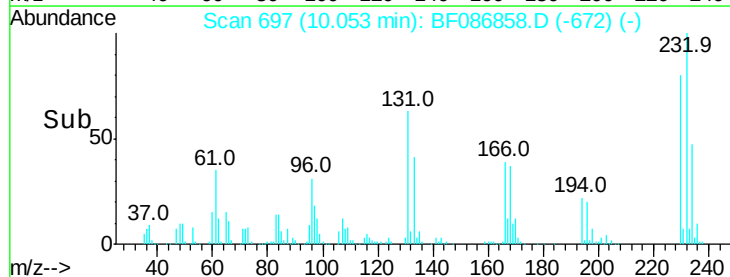
Abundance Ion 232.00 (231.70 to 232.70): E

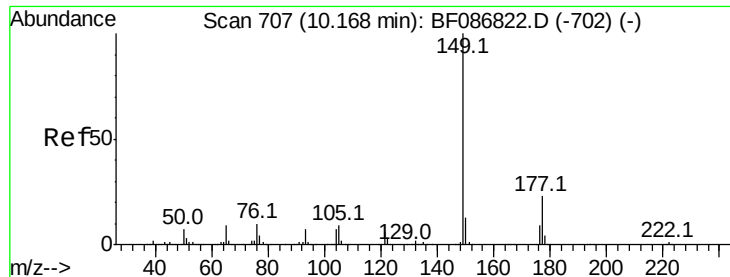
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.05

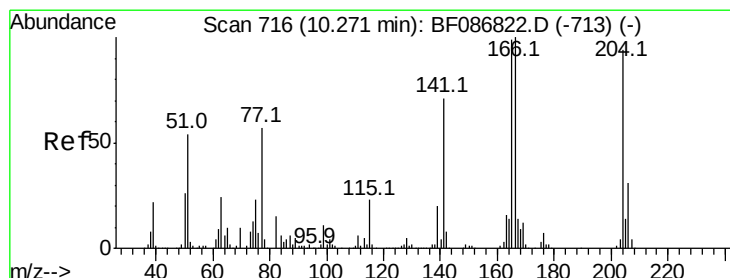
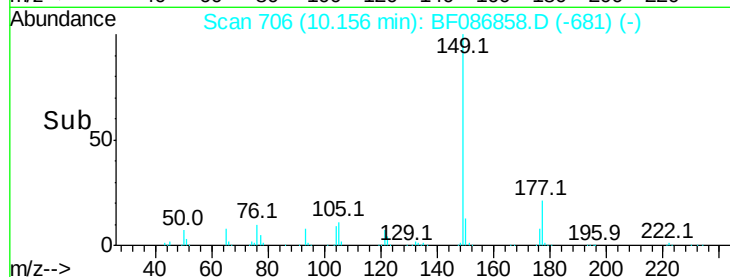
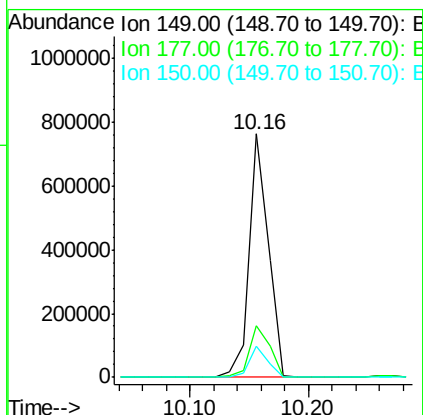
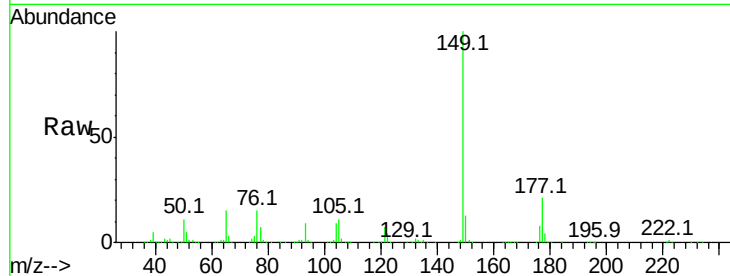




#59
Diethylphthalate
Concen: 38.74 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

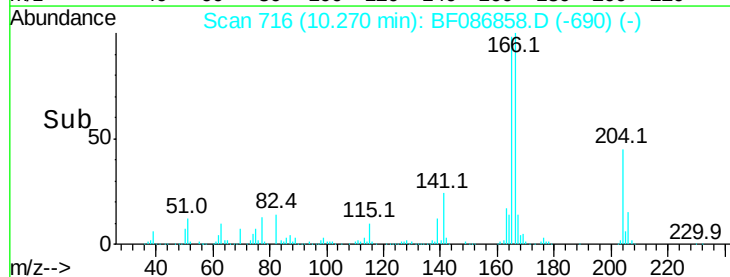
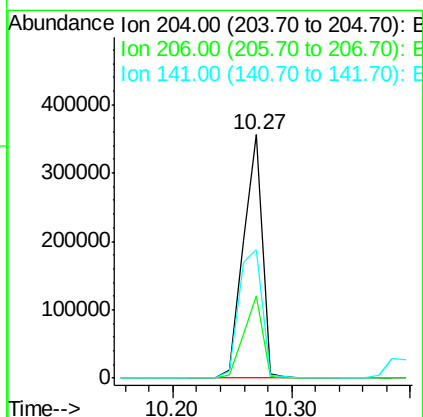
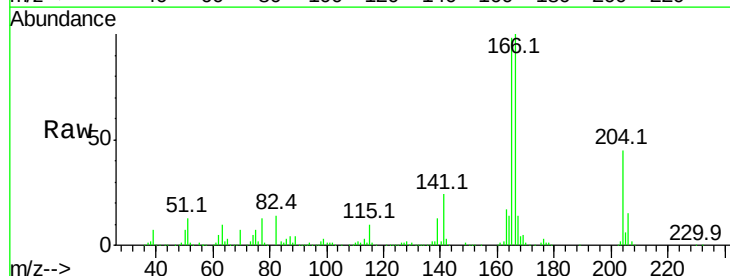
Instrument :
BNA_F
ClientSampleId :
PB90408BS

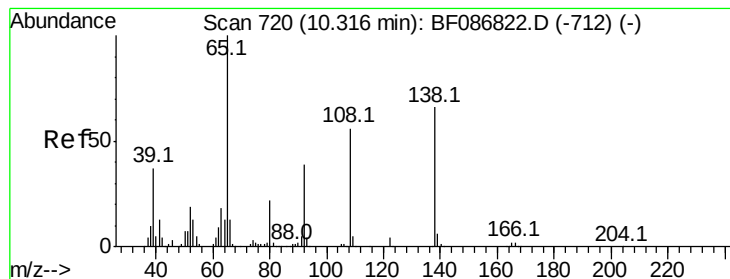
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	24.8
150	12.9	10.0	15.0



#60
4-Chlorophenyl-phenylether
Concen: 50.18 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.4	38.0
141	52.8	61.6	92.4#





#61

4-Nitroaniline

Concen: 46.42 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

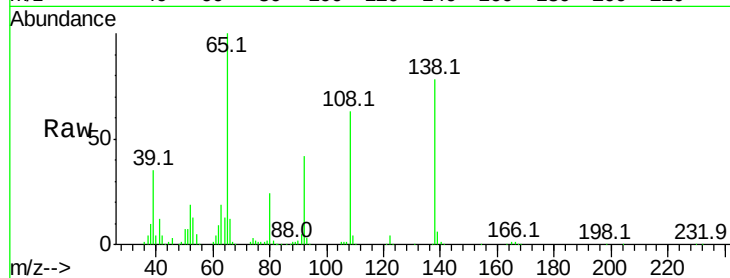
Tot Ion:138 Resp: 226707

Ion Ratio Lower Upper

138 100

92 53.9 24.7 64.7

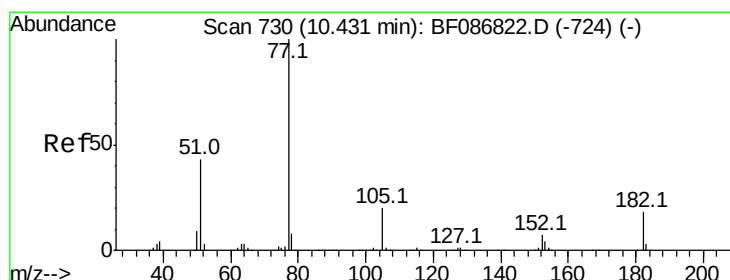
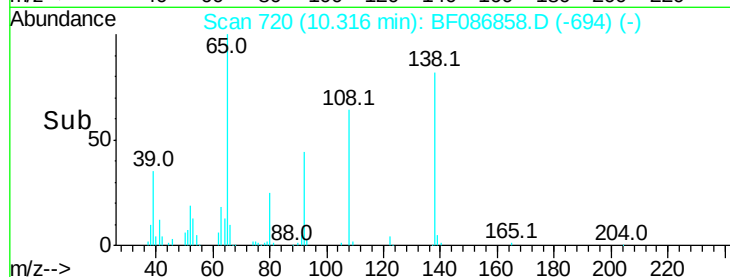
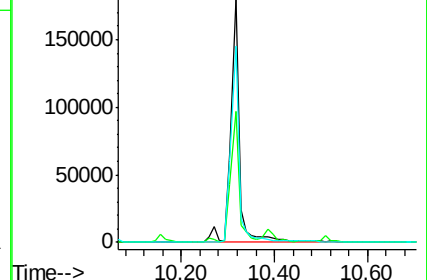
108 80.9 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.37 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Tgt Ion: 77 Resp: 1118746

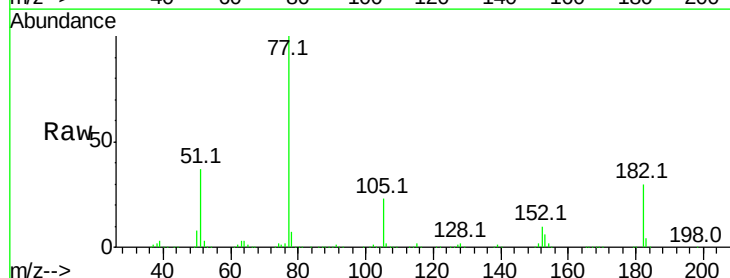
Ion Ratio Lower Upper

77 100

182 30.4 0.0 38.8

105 23.2 3.2 43.2

51 36.9 8.8 48.8

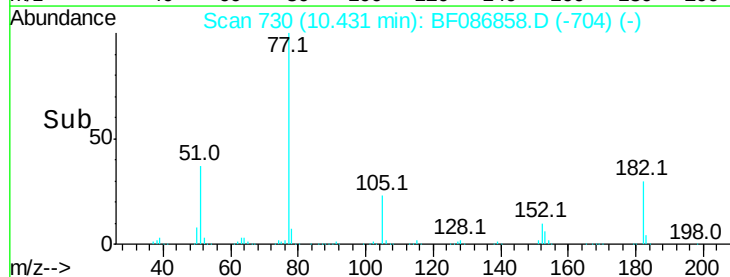
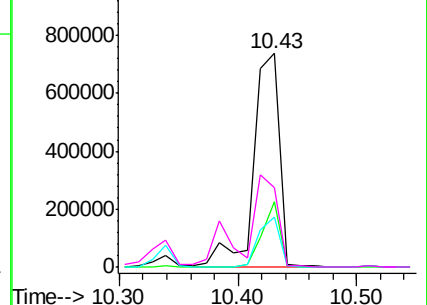


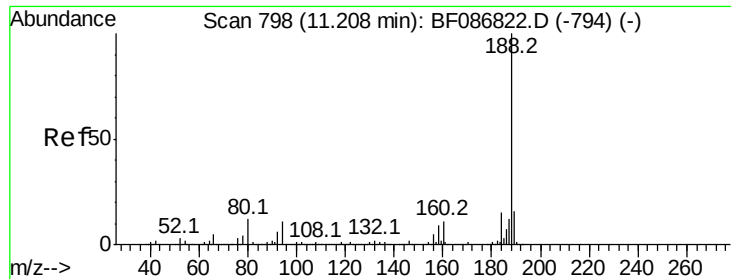
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

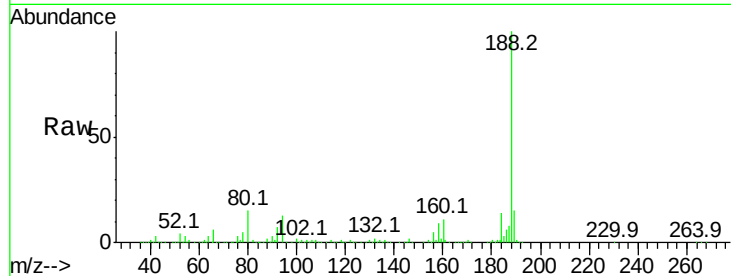




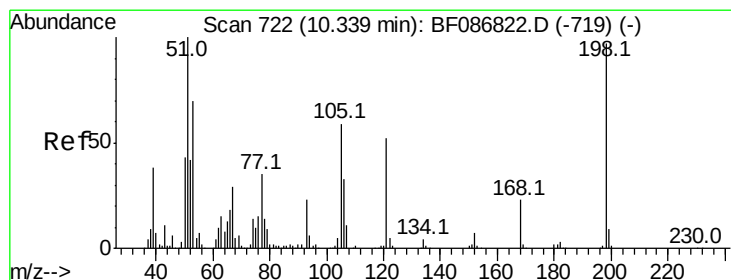
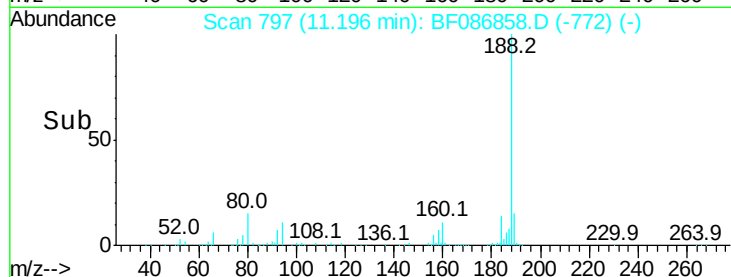
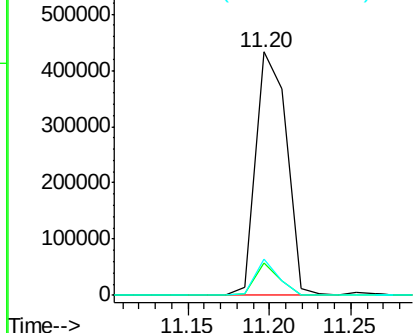
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Instrument :
BNA_F
ClientSampled :
PB90408BS

Tot Ion:188 Resp: 570275
Ion Ratio Lower Upper
188 100
94 13.4 6.8 10.2#
80 15.0 7.1 10.7#

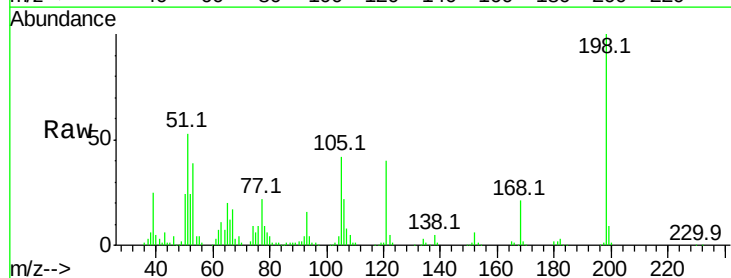


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

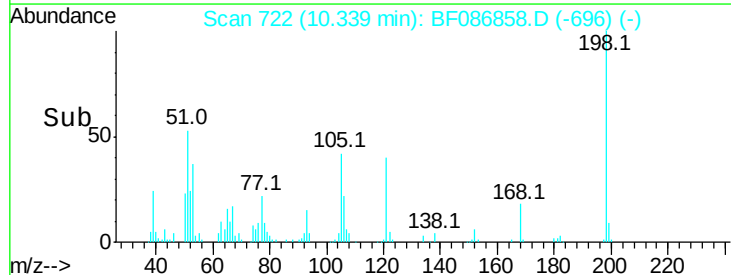
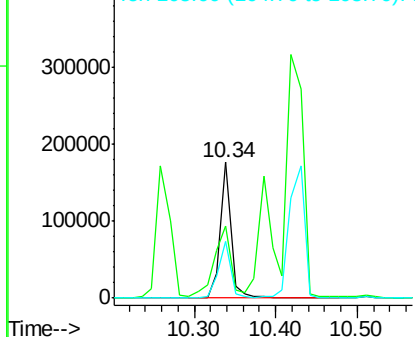


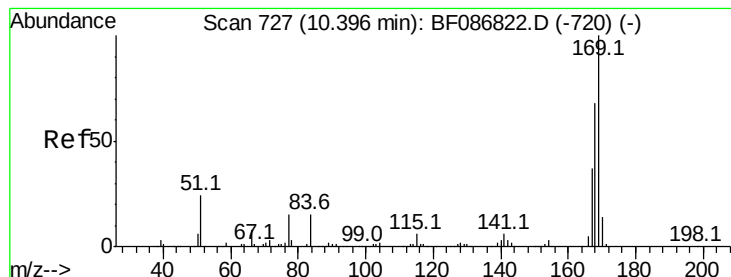
#64
4,6-Dinitro-2-methylphenol
Concen: 46.27 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion:198 Resp: 163926
Ion Ratio Lower Upper
198 100
51 53.4 20.5 60.5
105 41.7 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

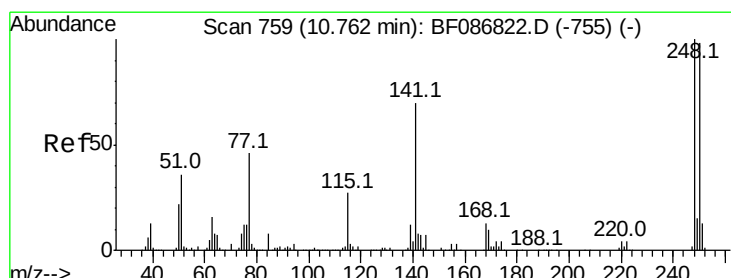
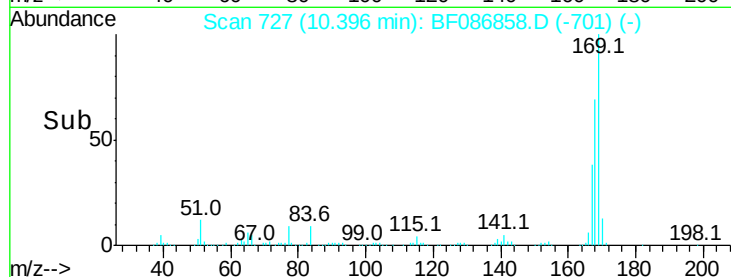
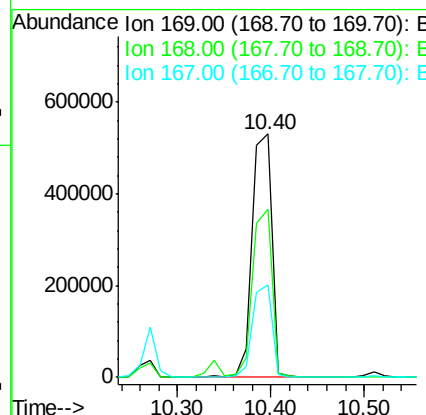
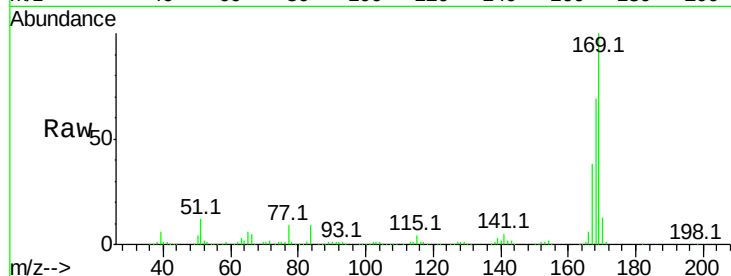




#65
 n-Nitrosodiphenylamine
 Concen: 44.19 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

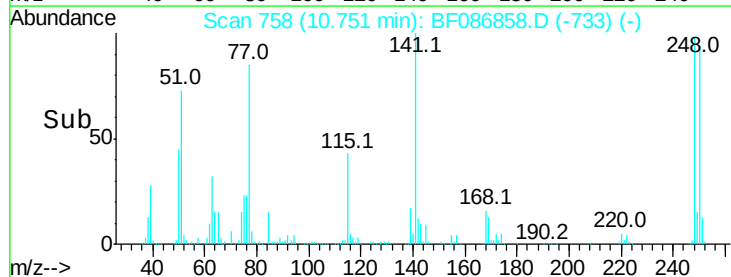
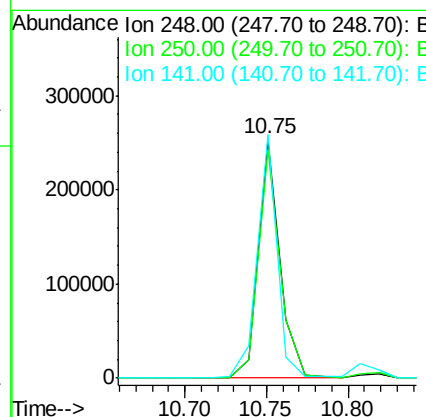
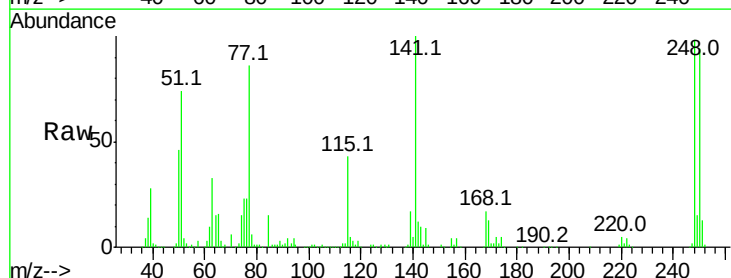
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

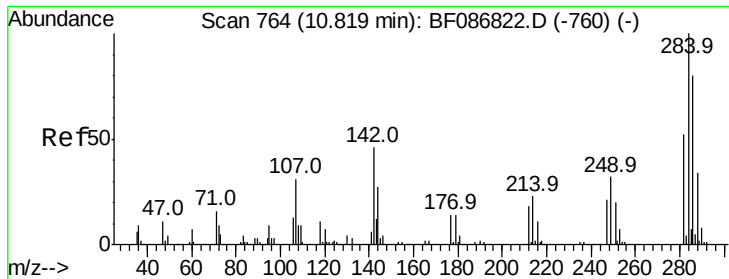
Tot Ion:169 Resp: 774166
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.8 80.6
 167 38.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.57 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion:248 Resp: 234592
 Ion Ratio Lower Upper
 248 100
 250 95.7 78.6 117.8
 141 101.9 76.0 114.0





#67

Hexachlorobenzene

Concen: 44.34 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

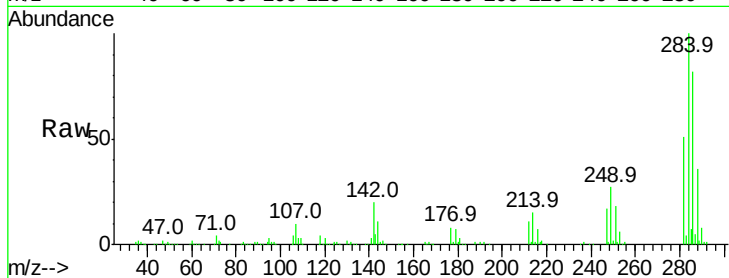
Tot Ion:284 Resp: 299596

Ion Ratio Lower Upper

284 100

142 19.6 16.7 25.1

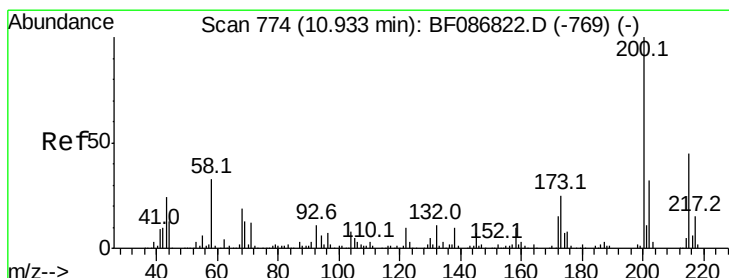
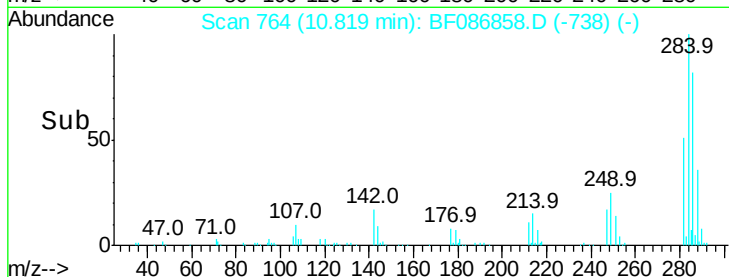
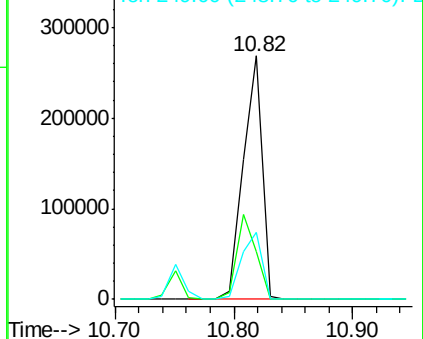
249 27.3 21.3 31.9



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: 39.48 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

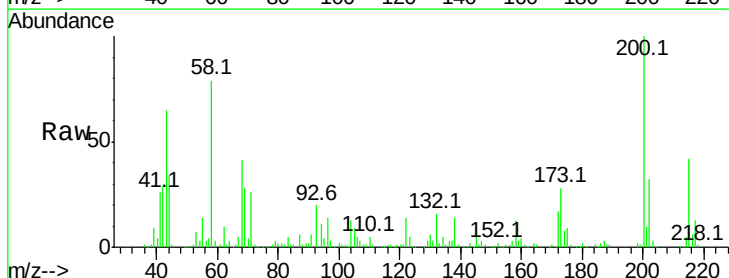
Tgt Ion:200 Resp: 231090

Ion Ratio Lower Upper

200 100

173 27.8 8.5 48.5

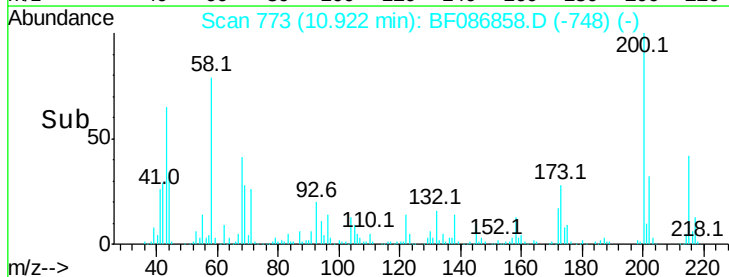
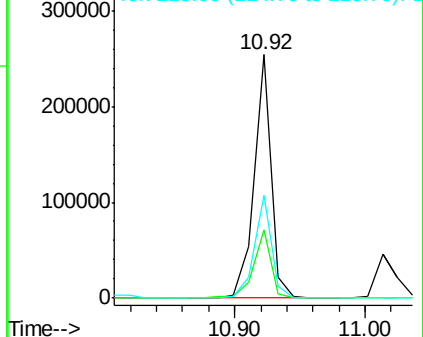
215 42.0 27.2 67.2

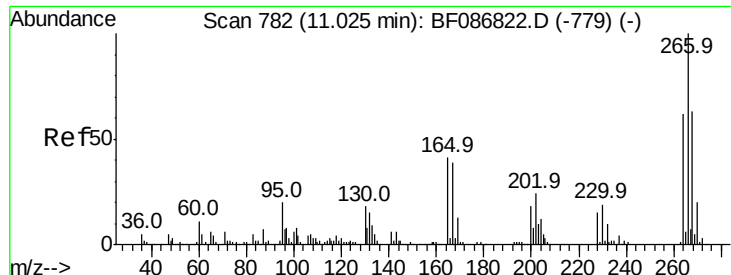


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

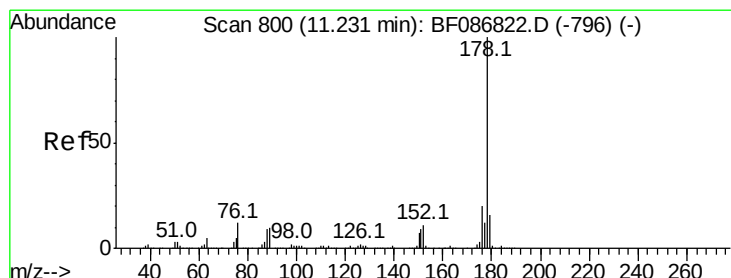
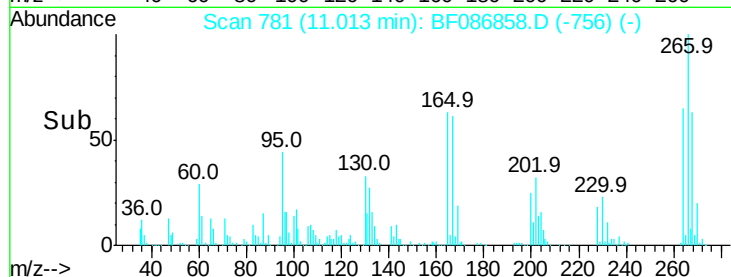
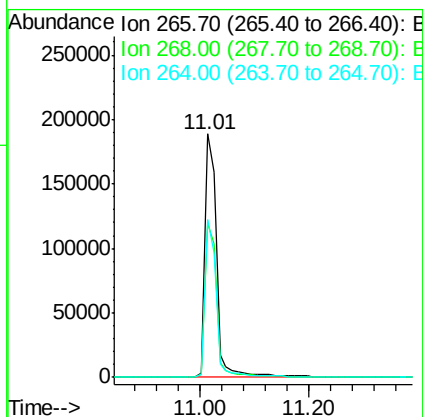
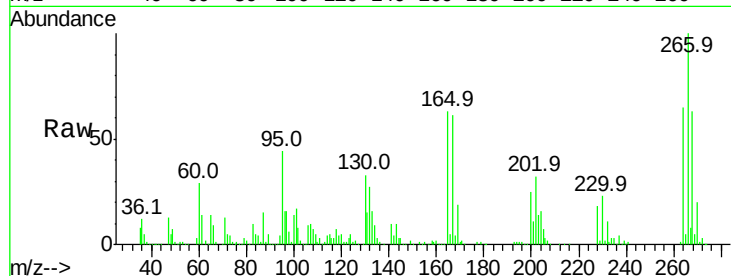




#69
 Pentachlorophenol
 Concen: 90.40 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

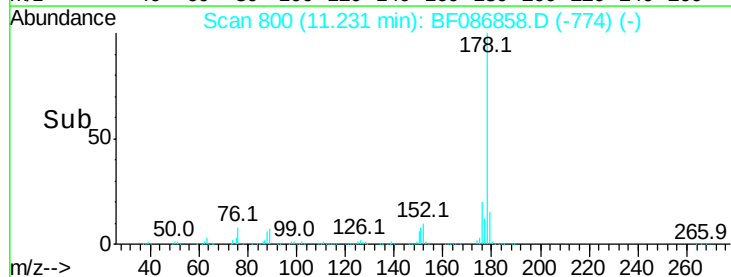
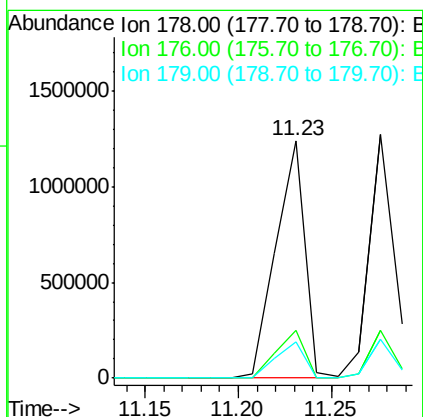
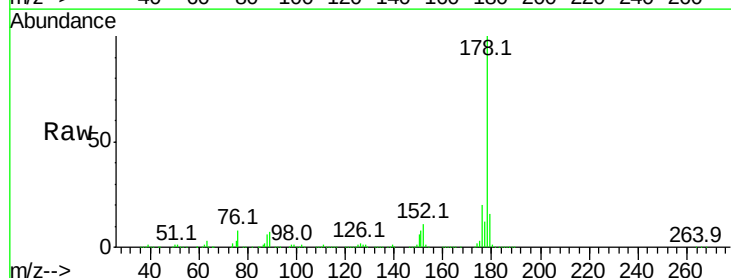
Instrument :
 BNA_F
 ClientSampleID :
 PB90408BS

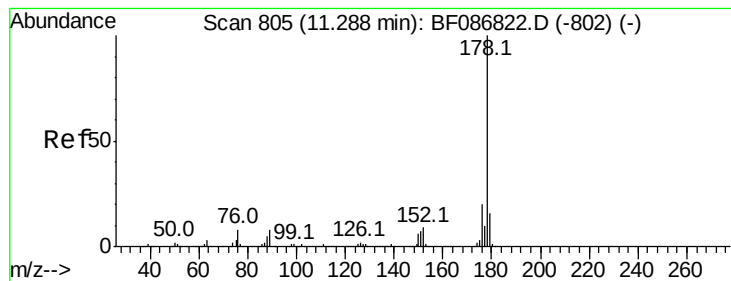
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.5	77.3
264	64.6	52.9	79.3



#70
 Phenanthrene
 Concen: 44.15 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	15.5	12.6	18.8





#71

Anthracene

Concen: 38.42 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

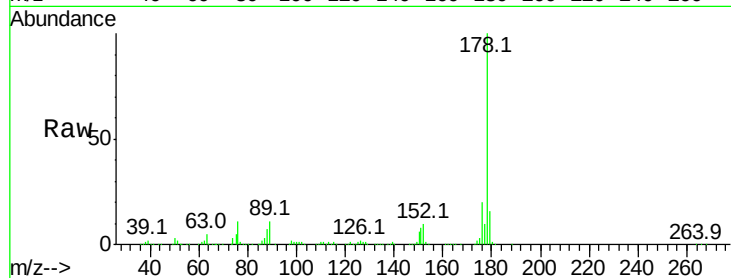
Tot Ion:178 Resp: 1195945

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

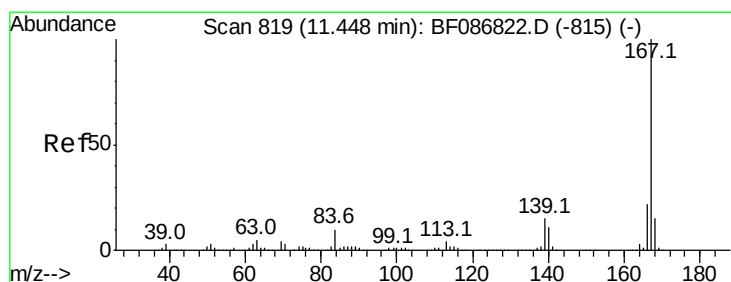
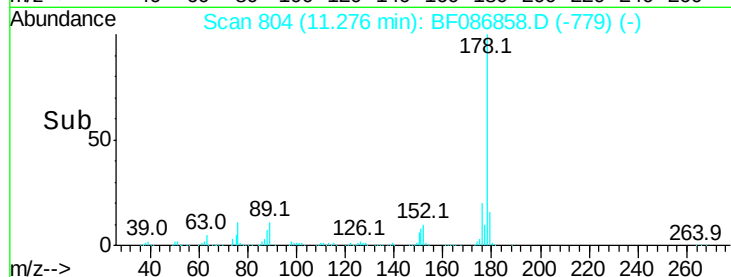
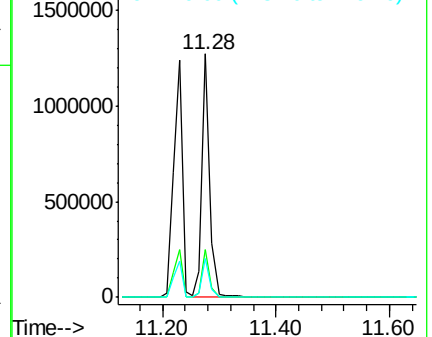
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.67 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

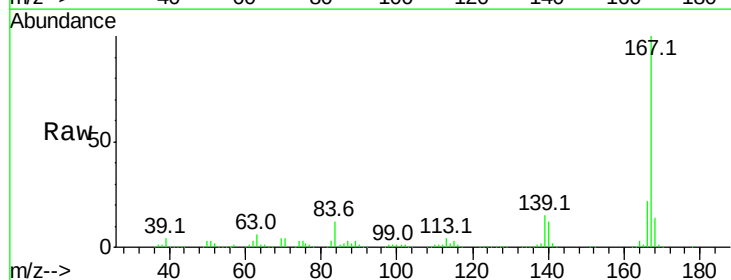
Tgt Ion:167 Resp: 1141607

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

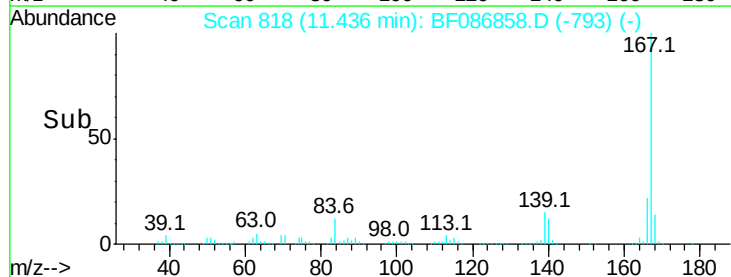
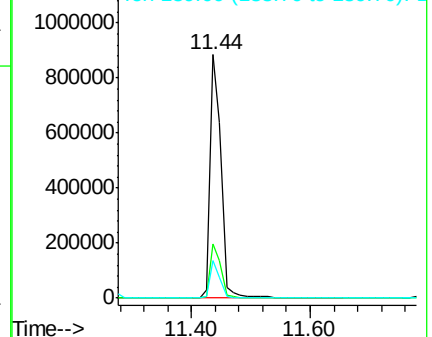
139 15.4 10.8 16.2

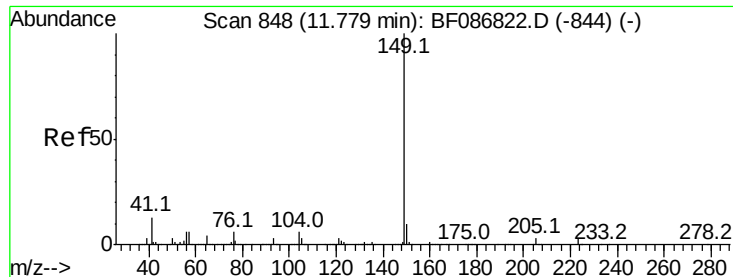


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.16 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

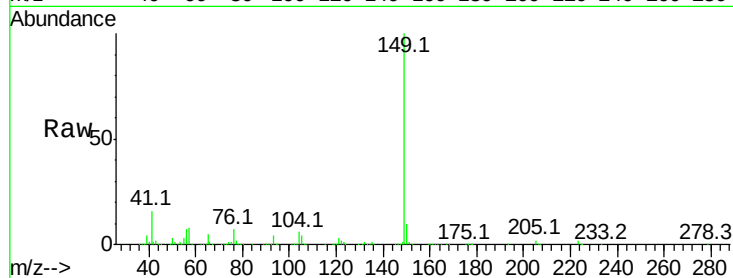
Tot Ion:149 Resp: 1410247

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

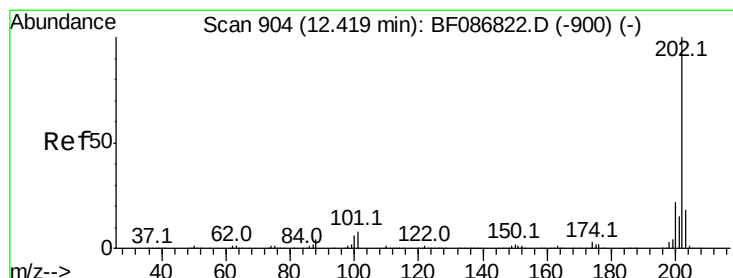
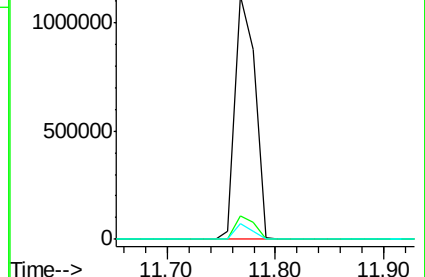
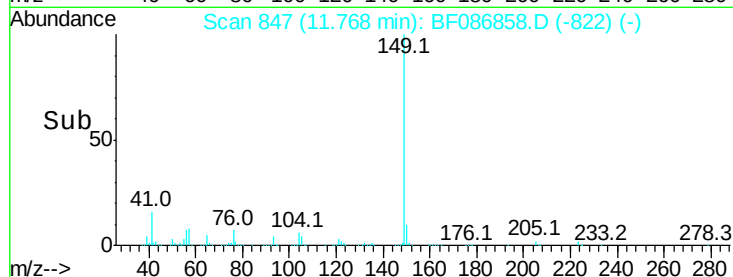
104 6.5 3.8 5.6#



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: 41.01 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

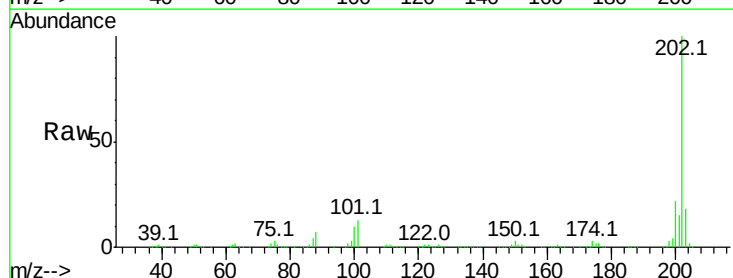
Tgt Ion:202 Resp: 1283566

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

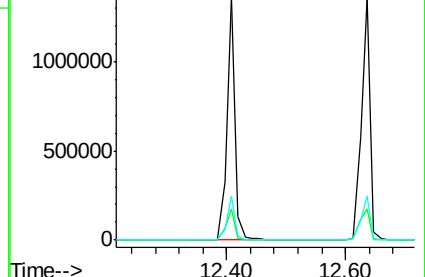
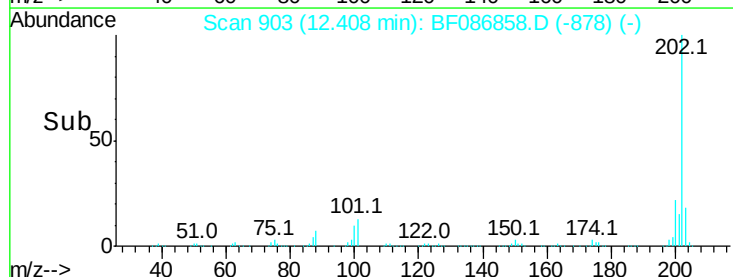
203 18.2 0.0 38.1

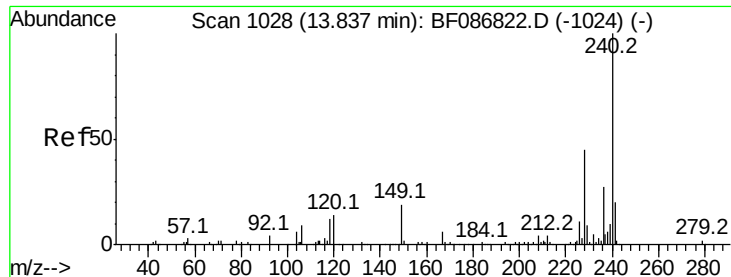


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

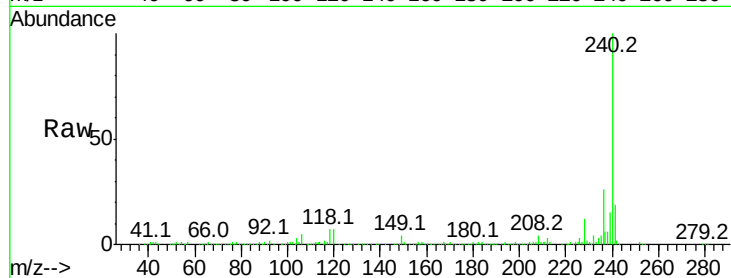
Tot Ion:240 Resp: 412780

Ion Ratio Lower Upper

240 100

120 7.3 11.2 16.8#

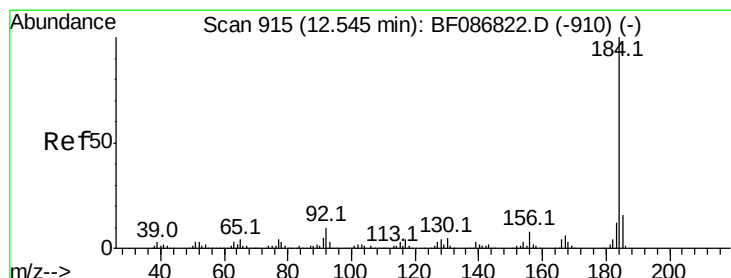
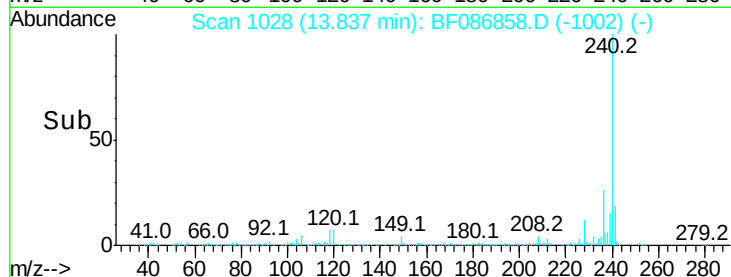
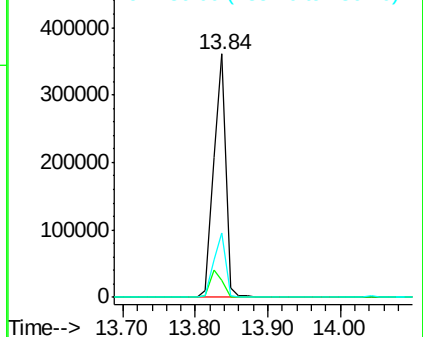
236 26.4 21.2 31.8



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: 41.37 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

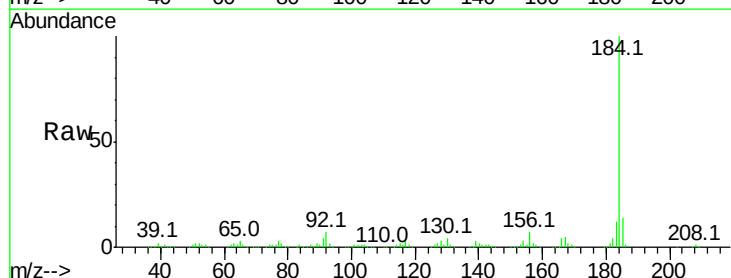
Tgt Ion:184 Resp: 435361

Ion Ratio Lower Upper

184 100

185 14.3 13.6 20.4

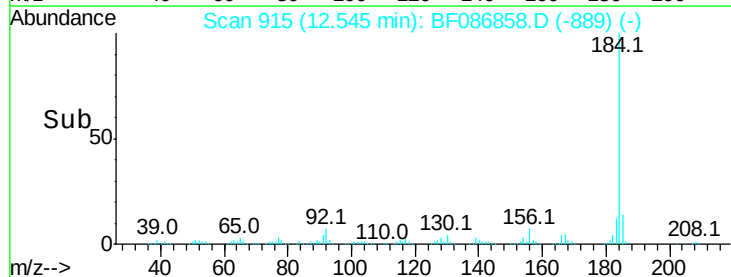
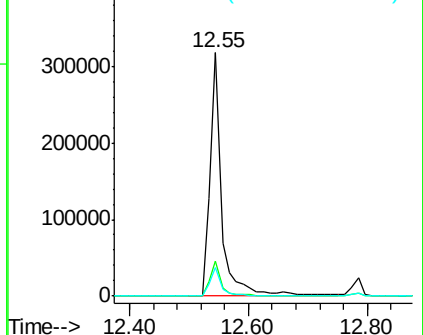
183 11.7 9.8 14.6

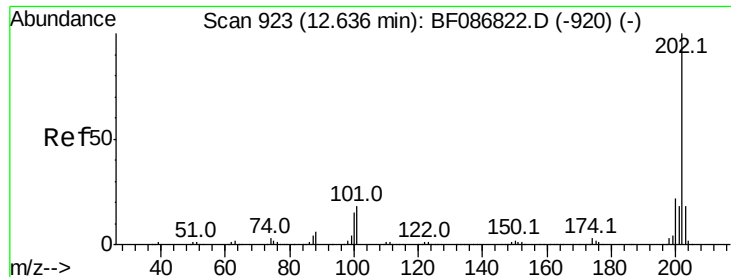


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

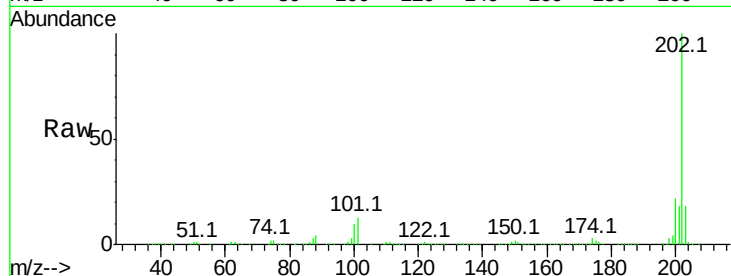




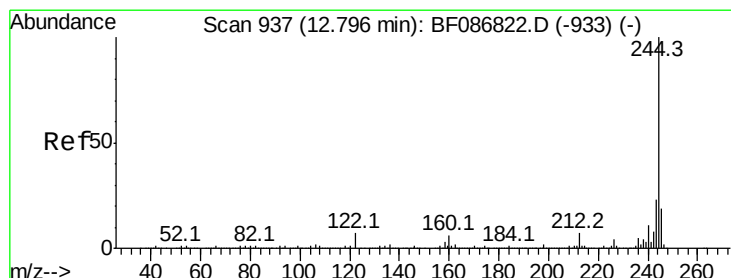
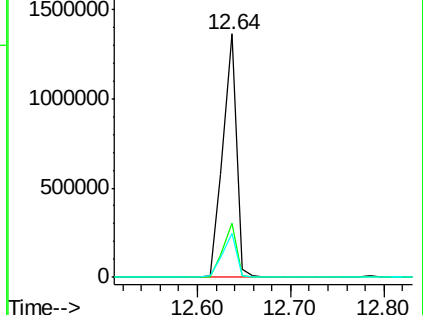
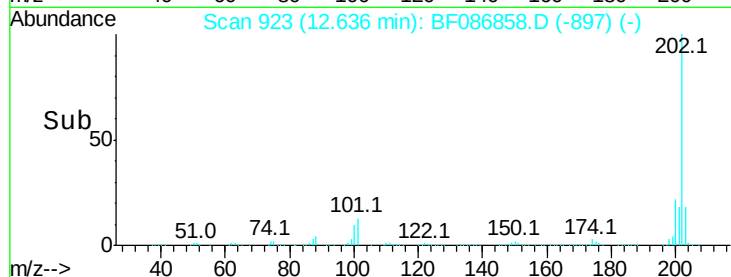
#77
 Pvrene
 Concen: 43.67 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion:202 Resp: 1380202
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 17.9 14.2 21.4

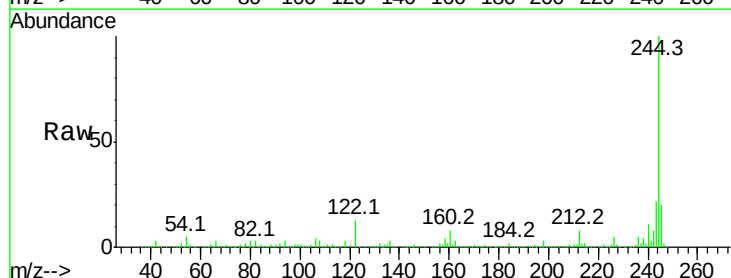


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

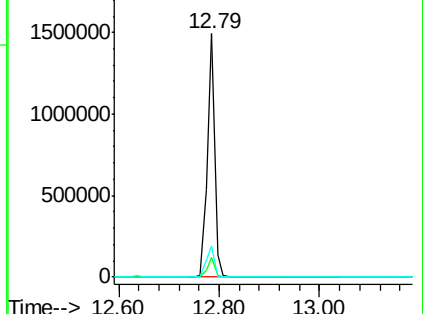
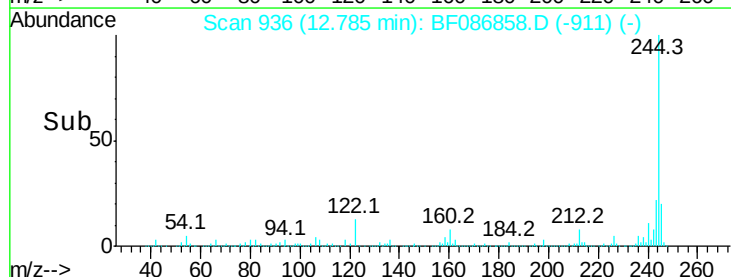


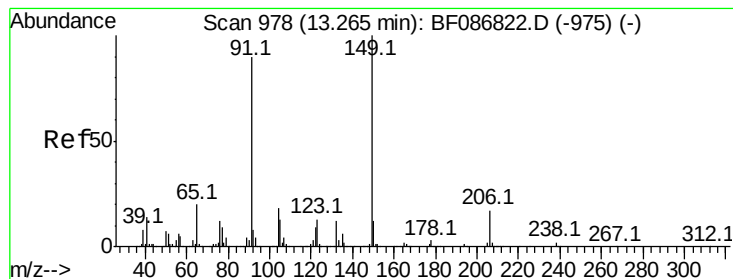
#78
 Terphenyl-d14
 Concen: 78.04 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion:244 Resp: 1518286
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.6 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: 47.93 ng

RT: 13.27 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

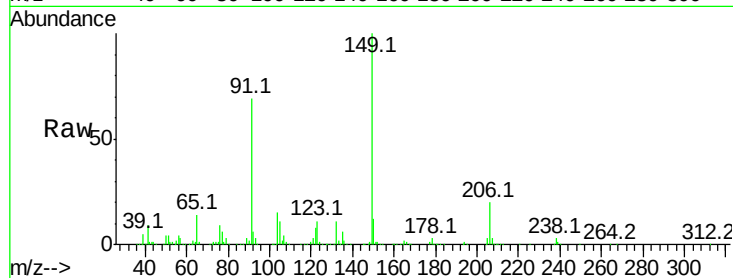
Tot Ion:149 Resp: 640640

Ion Ratio Lower Upper

149 100

91 68.9 48.0 72.0

206 19.6 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

800000

600000

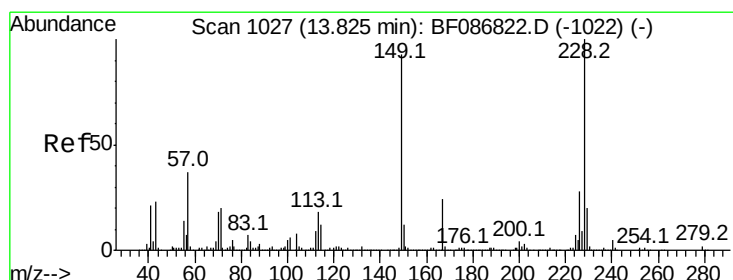
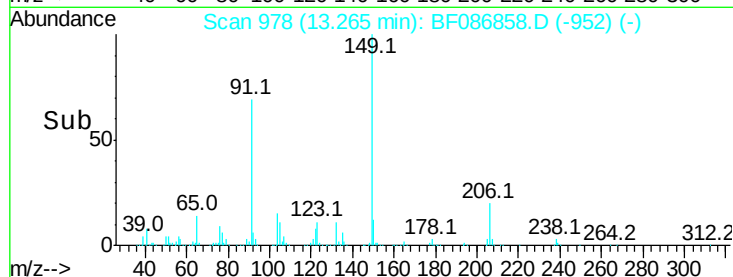
400000

200000

0

13.20 13.25 13.30

Time-->



#80

Benzo(a)anthracene

Concen: 43.79 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

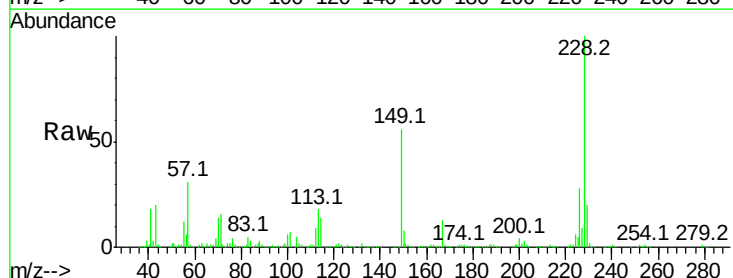
Tgt Ion:228 Resp: 1014783

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

229 20.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

1500000

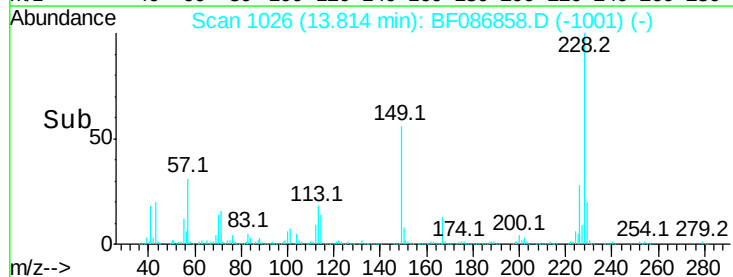
1000000

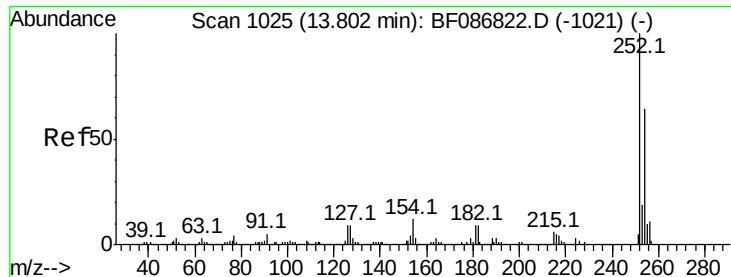
500000

0

13.75 13.80 13.85

Time-->





#81

3,3'-Dichlorobenzidine

Concen: 17.82 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

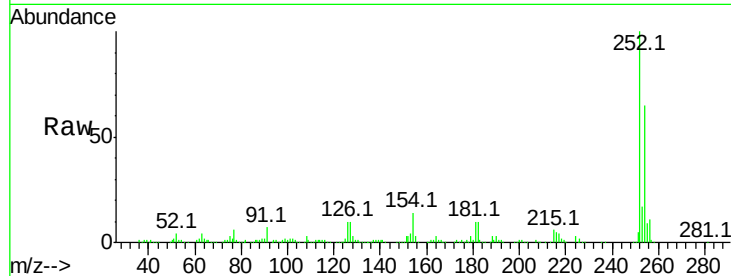
Tot Ion:252 Resp: 262318

Ion Ratio Lower Upper

252 100

254 65.0 50.7 76.1

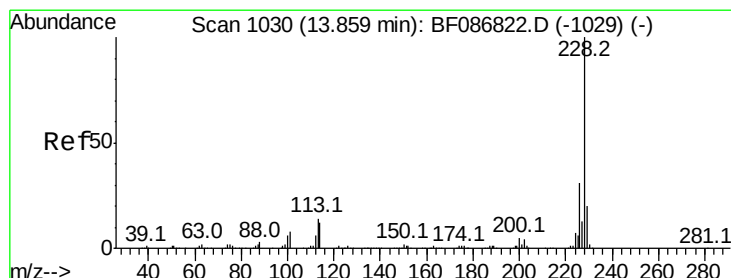
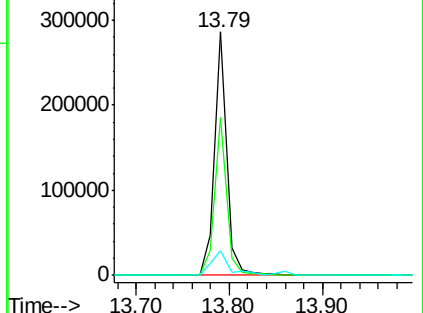
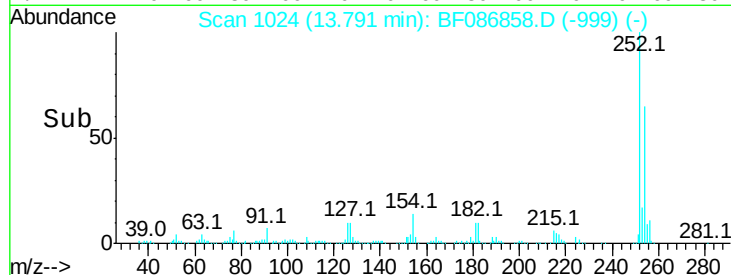
126 10.2 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.90 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

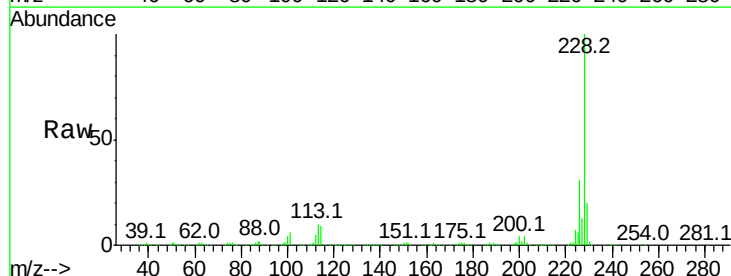
Tgt Ion:228 Resp: 1105503

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

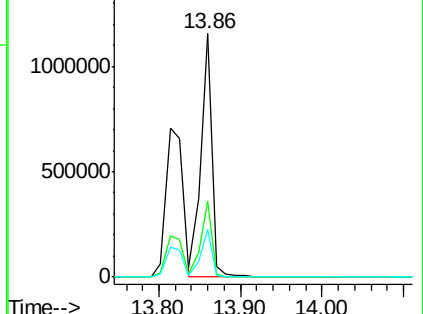
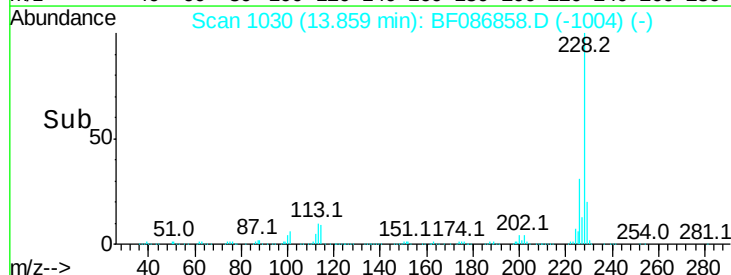
229 19.7 15.8 23.8

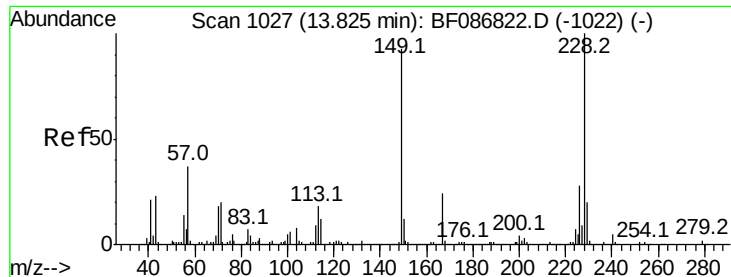


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

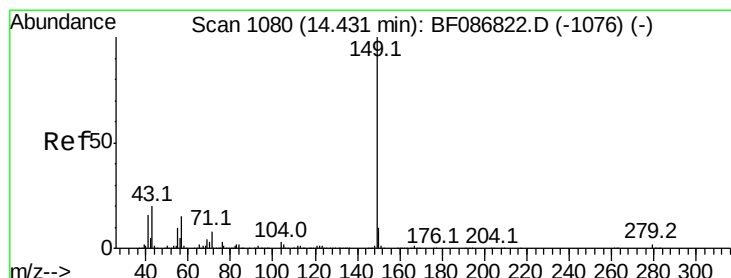
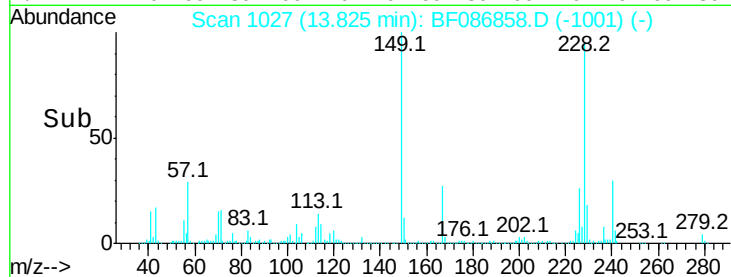
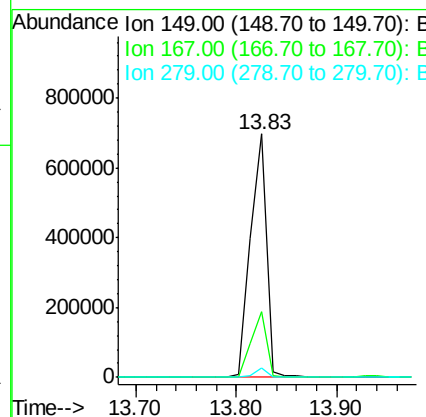
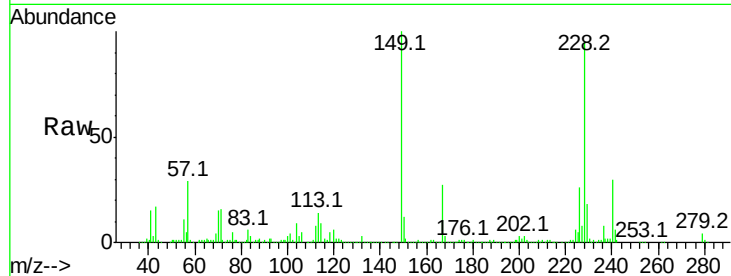




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.14 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

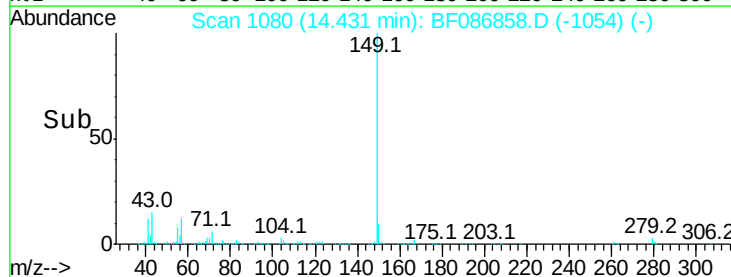
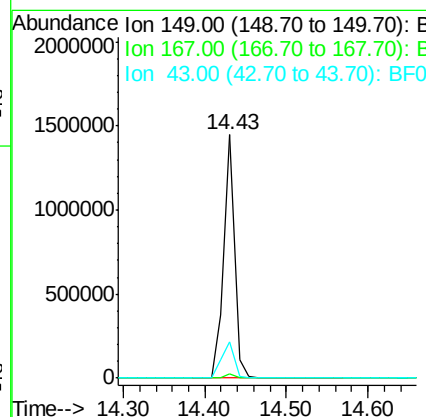
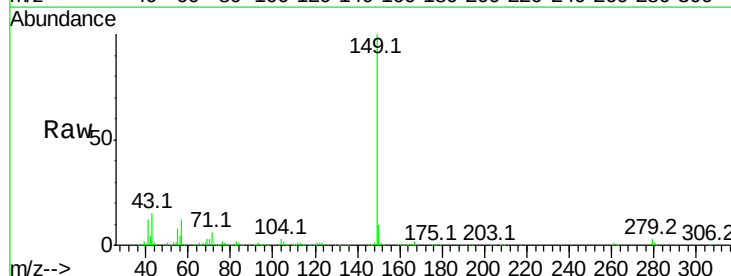
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

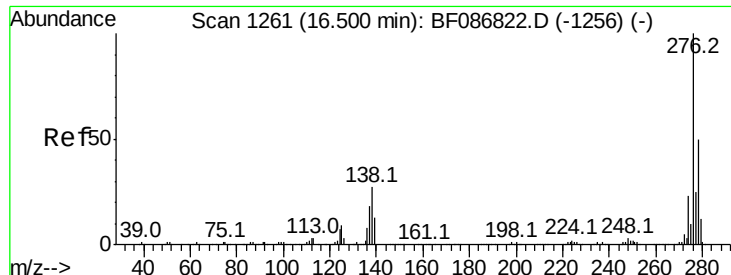
Tot Ion:149 Resp: 774091
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.8 32.6
 279 4.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 50.20 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion:149 Resp: 1336967
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 17.1 8.2 12.4#

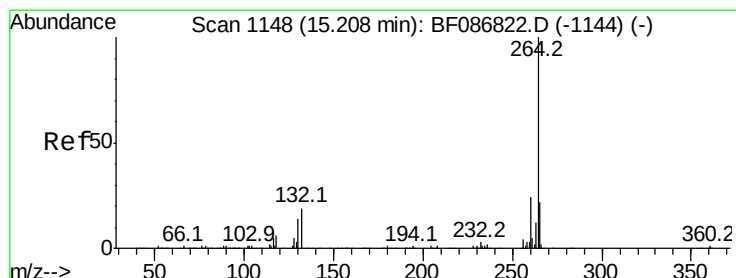
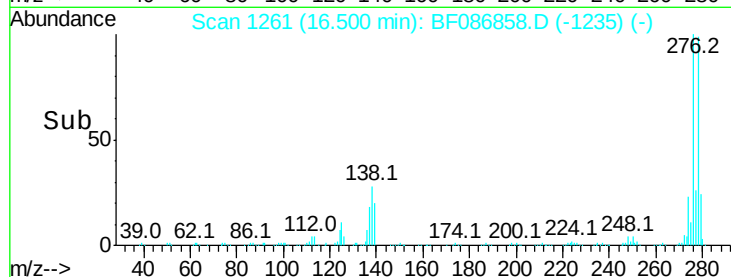
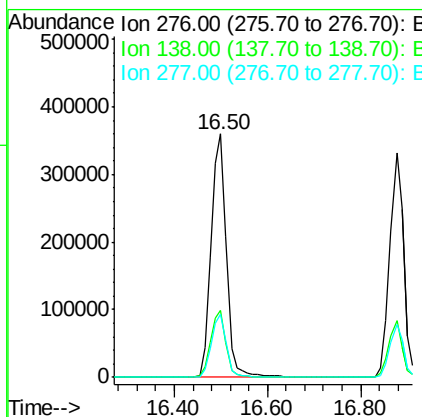
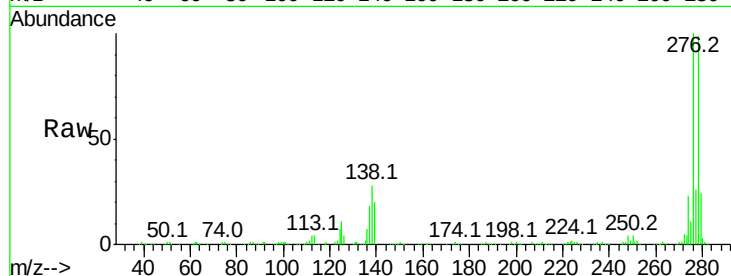




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.35 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

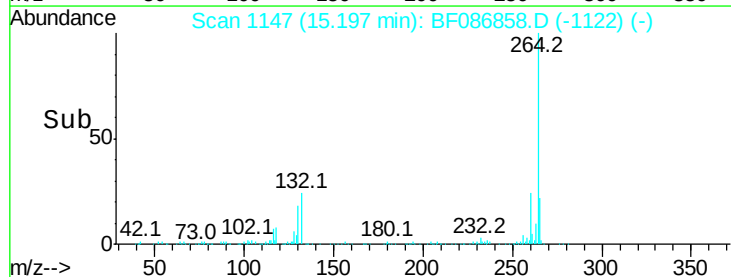
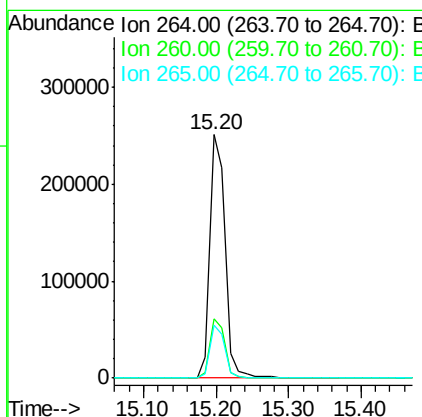
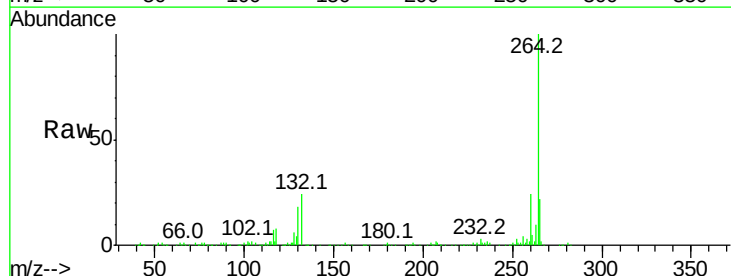
Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

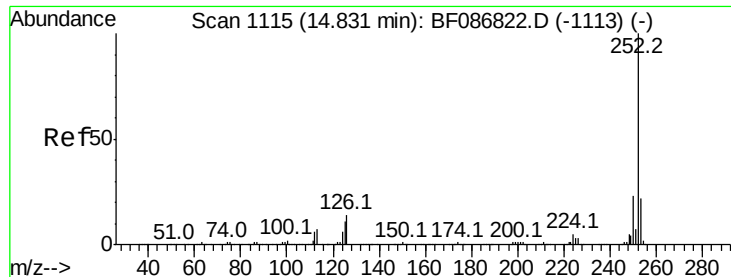
Tot Ion:276 Resp: 830604
 Ion Ratio Lower Upper
 276 100
 138 27.2 25.6 38.4
 277 25.3 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Tgt Ion:264 Resp: 368709
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.6 17.3 25.9

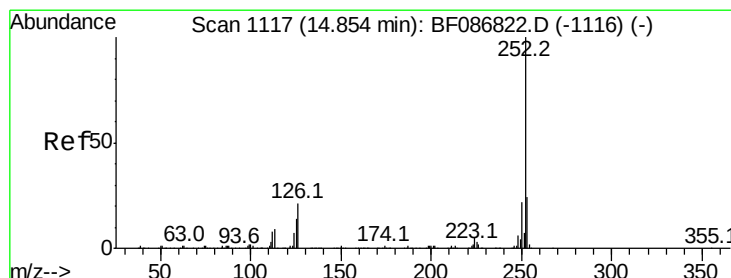
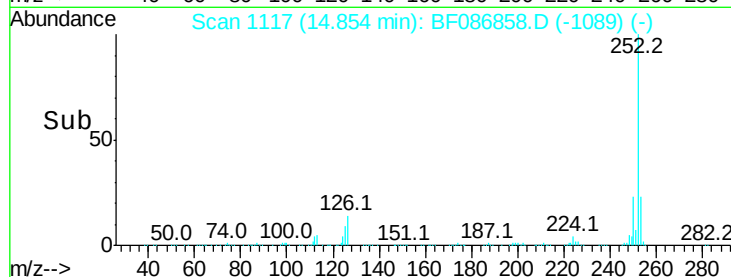
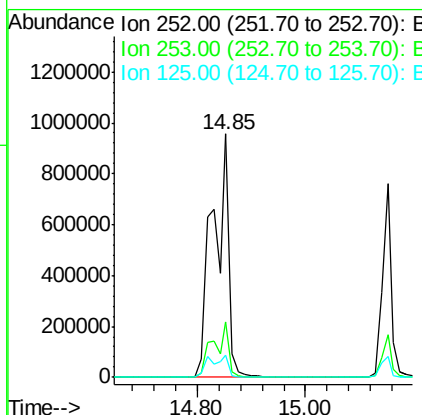
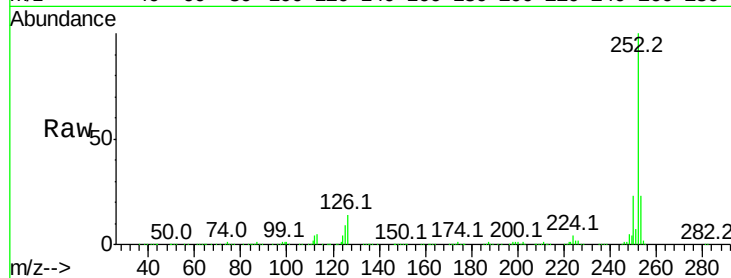




#87
Benzo(b)fluoranthene
Concen: 82.77 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

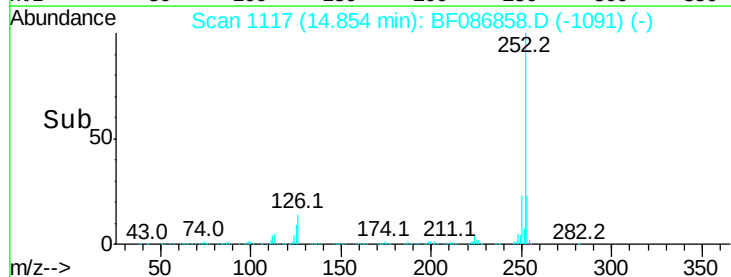
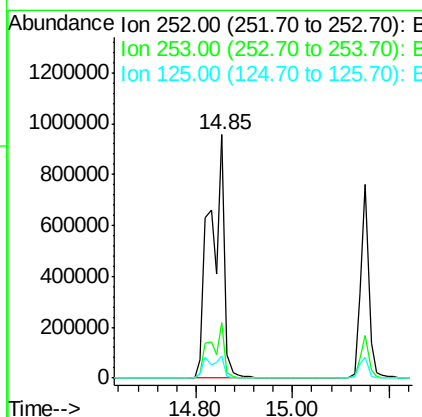
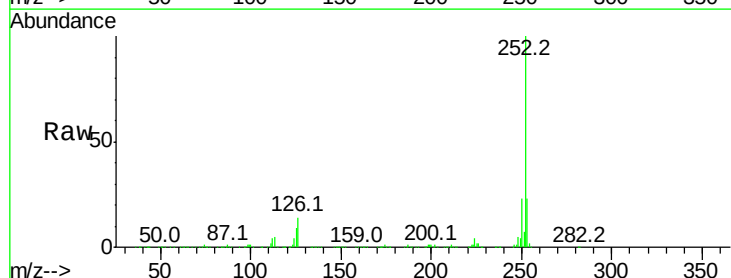
Instrument :
BNA_F
ClientSampleId :
PB90408BS

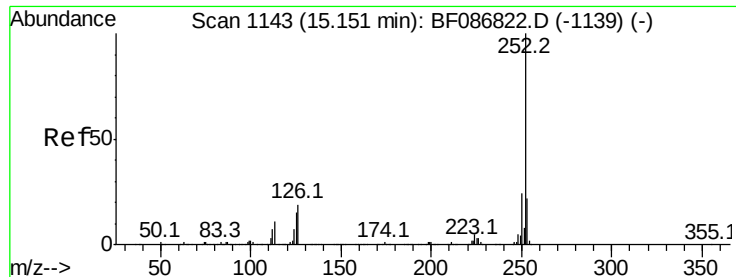
Tot Ion:252 Resp: 1983317
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.1 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 101.17 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF086858.D
Acq: 10 May 2016 14:25

Tgt Ion:252 Resp: 1985025
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.1 9.1 13.7





#89

Benzo(a)pyrene

Concen: 43.42 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

Instrument :

BNA_F

ClientSampleId :

PB90408BS

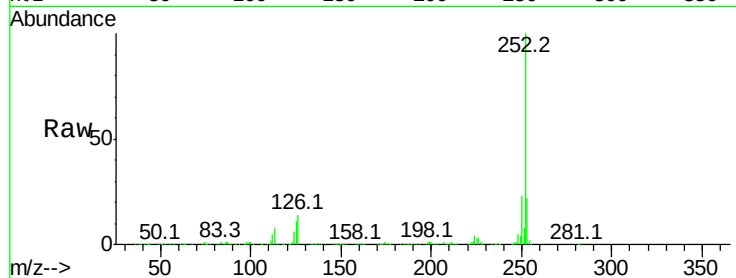
Tot Ion:252 Resp: 897363

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

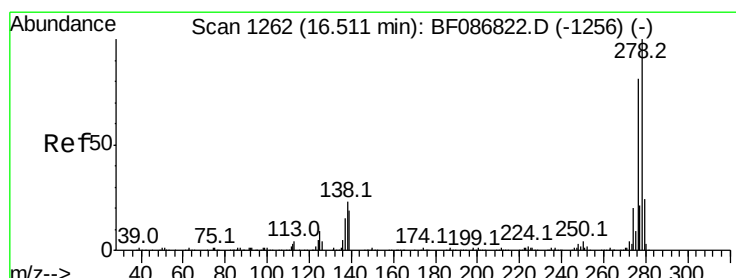
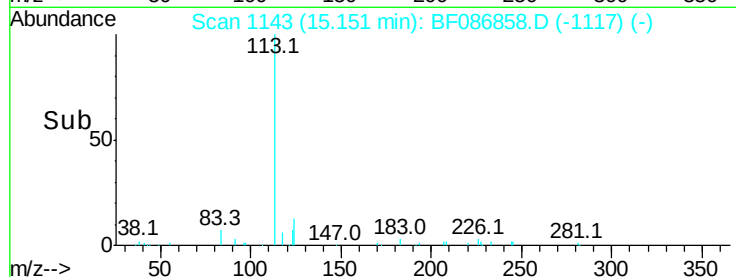
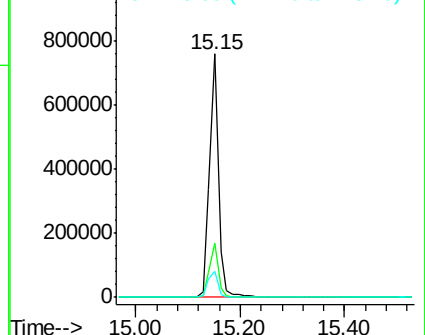
125 10.8 9.0 13.6



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: 39.54 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF086858.D

Acq: 10 May 2016 14:25

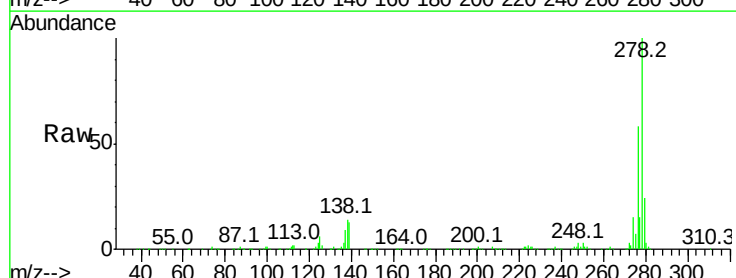
Tgt Ion:278 Resp: 688846

Ion Ratio Lower Upper

278 100

139 13.0 16.6 24.8#

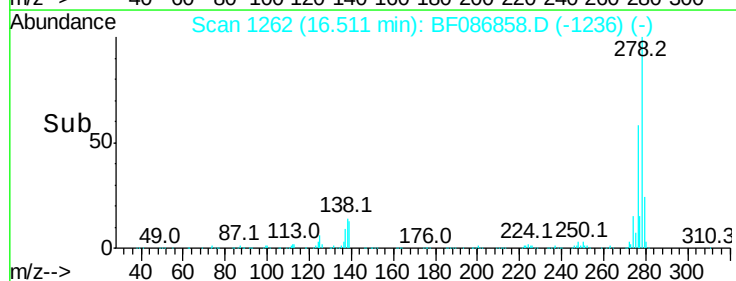
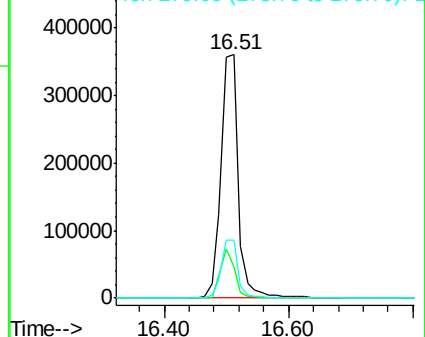
279 23.9 19.6 29.4

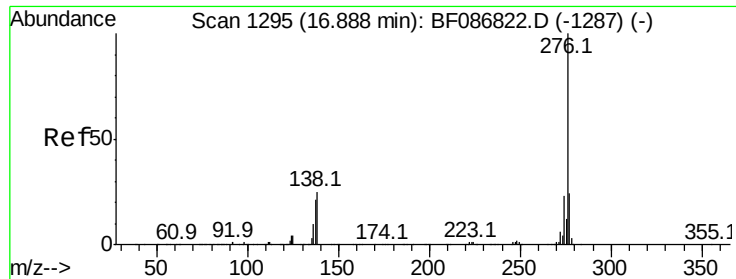


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.03 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF086858.D
 Acq: 10 May 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	25.1	23.6	35.4

