

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087168.D
 Acq On : 19 May 2016 3:50
 Operator : UM/SJ
 Sample : PB90659BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Quant Time: May 19 04:59:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:41:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	122974	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	499909	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	230030	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	422885	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	275977	20.00	ng	-0.01
86) Perylene-d12	15.06	264	296988	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	970150	132.60	ng	0.01
7) Phenol-d6	6.25	99	1127005	114.85	ng	0.00
23) Nitrobenzene-d5	7.15	82	781748	77.94	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	329055	129.45	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	1240498	89.31	ng	0.00
78) Terphenyl-d14	12.67	244	1166487	95.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	109338	29.05	ng	# 65
3) Pyridine	2.68	79	324195	35.61	ng	# 67
4) n-Nitrosodimethylamine	2.65	42	248204	38.47	ng	# 52
6) Aniline	6.25	93	261575	20.99	ng	# 62
8) 2-Chlorophenol	6.36	128	343911	38.63	ng	# 78
9) Benzaldehyde	6.14	77	18602	2.55	ng	95
10) Phenol	6.26	94	450682	36.54	ng	74
11) bis(2-Chloroethyl)ether	6.33	93	372337	40.20	ng	95
12) 1,3-Dichlorobenzene	6.75	146	310408	32.81	ng	99
13) 1,4-Dichlorobenzene	6.75	146	316867	32.73	ng	98
14) 1,2-Dichlorobenzene	6.75	146	321099	37.88	ng	96
15) Benzyl Alcohol	6.74	79	309900	42.42	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.87	45	685892	36.02	ng	58
17) 2-Methylphenol	6.87	107	283063	38.72	ng	# 79
18) Hexachloroethane	7.08	117	136393	36.85	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	292476	39.21	ng	# 80
20) 3+4-Methylphenols	7.03	107	393876	40.85	ng	# 61
22) Acetophenone	7.00	105	515007	42.10	ng	97
24) Nitrobenzene	7.18	77	429643	39.23	ng	96
25) Isophorone	7.42	82	724201	39.44	ng	99
26) 2-Nitrophenol	7.50	139	186070	41.01	ng	93
27) 2,4-Dimethylphenol	7.55	122	328767	42.46	ng	90
28) bis(2-Chloroethoxy)methane	7.63	93	433664	43.02	ng	98
29) 2,4-Dichlorophenol	7.75	162	283462	41.55	ng	96
30) 1,2,4-Trichlorobenzene	7.82	180	309821	40.92	ng	98
31) Naphthalene	7.88	128	962822	39.42	ng	99
32) Benzoic acid	7.71	122	171742	37.21	ng	# 80
33) 4-Chloroaniline	7.95	127	163202	16.08	ng	# 90
34) Hexachlorobutadiene	8.01	225	177134	41.23	ng	99
35) Caprolactam	8.33	113	93926	41.34	ng	# 54
36) 4-Chloro-3-methylphenol	8.47	107	319362	38.81	ng	94
37) 2-Methylnaphthalene	8.58	142	687092	43.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	271178	40.36	ng	100
40) Hexachlorocyclopentadiene	8.73	237	107943	45.37	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087168.D
 Acq On : 19 May 2016 3:50
 Operator : UM/SJ
 Sample : PB90659BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Quant Time: May 19 04:59:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:41:44 2016
 Response via : Initial Calibration

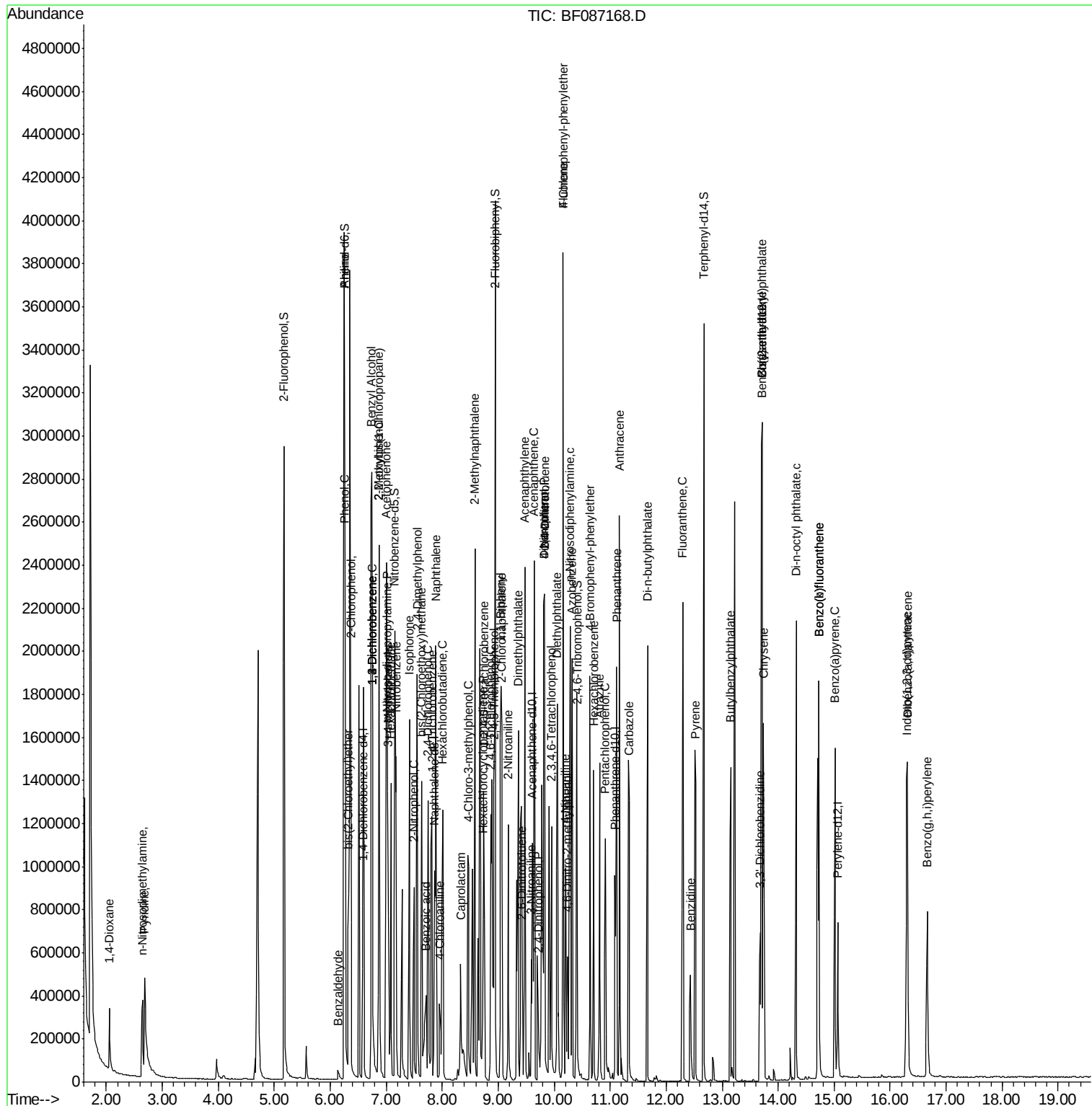
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	180516	41.43	ng	96
43) 2,4,5-Trichlorophenol	8.92	196	190697	42.13	ng	96
45) 1,1'-Biphenyl	9.05	154	802776	42.09	ng	99
46) 2-Chloronaphthalene	9.06	162	591449	40.39	ng	# 91
47) 2-Nitroaniline	9.18	65	225056	40.11	ng	# 73
48) Acenaphthylene	9.47	152	894367	40.00	ng	98
49) Dimethylphthalate	9.36	163	763977	43.54	ng	100
50) 2,6-Dinitrotoluene	9.43	165	152891	40.13	ng	# 64
51) Acenaphthene	9.64	154	548714	39.28	ng	99
52) 3-Nitroaniline	9.59	138	87825	21.29	ng	# 76
53) 2,4-Dinitrophenol	9.71	184	110234	52.24	ng	# 87
54) Dibenzofuran	9.82	168	781894	43.29	ng	91
55) 4-Nitrophenol	9.82	139	535769	125.44	ng	# 23
56) 2,4-Dinitrotoluene	9.83	165	207507	42.52	ng	92
57) Fluorene	10.16	166	595854	41.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	165685	47.00	ng	97
59) Diethylphthalate	10.06	149	757011	45.19	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	301317	43.80	ng	88
61) 4-Nitroaniline	10.20	138	140247	34.44	ng	# 71
62) Azobenzene	10.32	77	880011	45.59	ng	89
64) 4,6-Dinitro-2-methylphenol	10.24	198	82716	29.70	ng	85
65) n-Nitrosodiphenylamine	10.28	169	624923	46.96	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	174738	40.18	ng	93
67) Hexachlorobenzene	10.71	284	220294	43.69	ng	# 91
68) Atrazine	10.81	200	170960	39.38	ng	93
69) Pentachlorophenol	10.91	266	170210	89.87	ng	98
70) Phenanthrene	11.12	178	979711	42.72	ng	99
71) Anthracene	11.16	178	931591	40.16	ng	100
72) Carbazole	11.34	167	875907	41.33	ng	98
73) Di-n-butylphthalate	11.67	149	1130539	46.45	ng	99
74) Fluoranthene	12.30	202	929281	40.44	ng	94
76) Benzidine	12.43	184	282008	34.73	ng	96
77) Pyrene	12.53	202	901700	45.23	ng	99
79) Butylbenzylphthalate	13.15	149	424889	50.48	ng	94
80) Benzo(a)anthracene	13.70	228	676254	42.38	ng	99
81) 3,3'-Dichlorobenzidine	13.68	252	208630	20.55	ng	# 95
82) Chrysene	13.74	228	670296	43.42	ng	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	539362	52.66	ng	# 99
84) Di-n-octyl phthalate	14.32	149	927767	52.58	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.30	276	696176	51.37	ng	95
87) Benzo(b)fluoranthene	14.73	252	1464291	74.32	ng	# 95
88) Benzo(k)fluoranthene	14.73	252	1465150	99.89	ng	98
89) Benzo(a)pyrene	15.02	252	701683	42.61	ng	99
90) Dibenzo(a,h)anthracene	16.31	278	591369	42.65	ng	# 93
91) Benzo(g,h,i)perylene	16.66	276	561398	40.09	ng	94

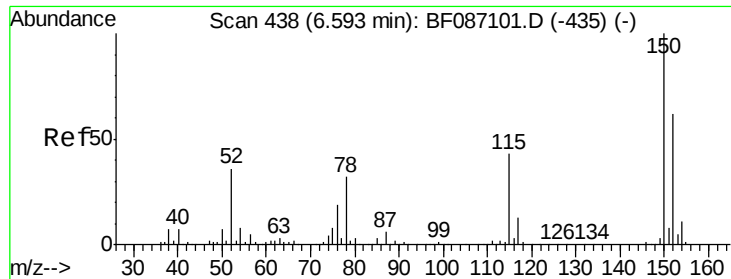
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\  
Data File : BF087168.D  
Acq On    : 19 May 2016    3:50  
Operator  : UM/SJ  
Sample    : PB90659BS  
Misc      :  
ALS Vial  : 23    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB90659BS

Quant Time: May 19 04:59:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 04:41:44 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

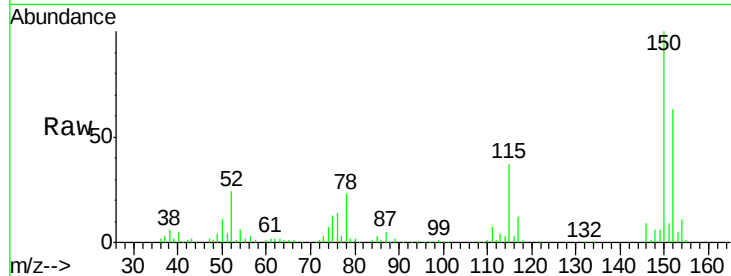
Tgt Ion:152 Resp: 122974

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

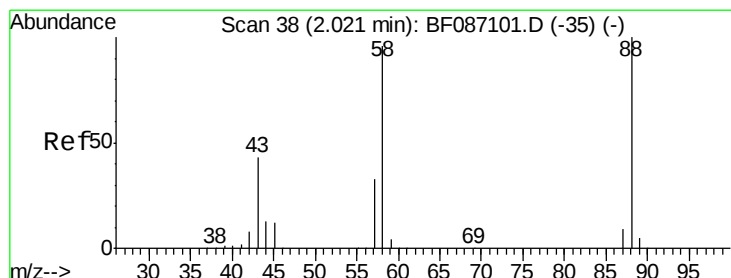
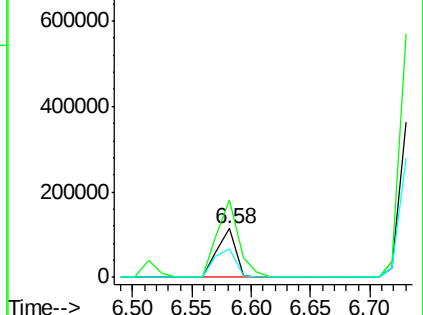
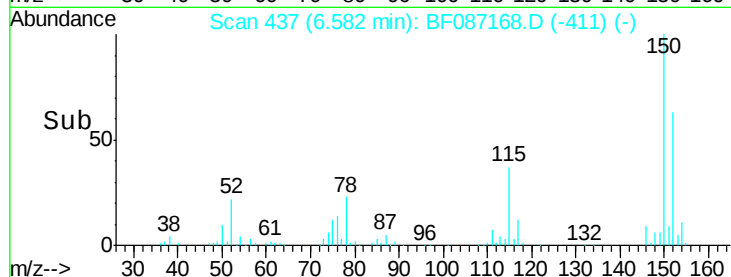
115 58.8 51.5 77.3



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: 29.05 ng

RT: 2.06 min Scan# 41

Delta R.T. 0.07 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

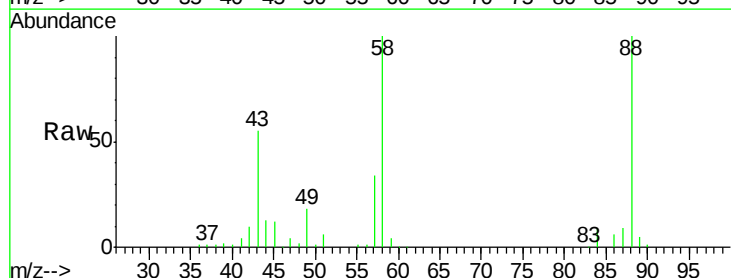
Tgt Ion: 88 Resp: 109338

Ion Ratio Lower Upper

88 100

58 96.1 59.6 89.4#

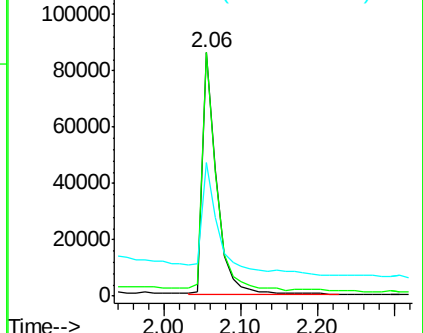
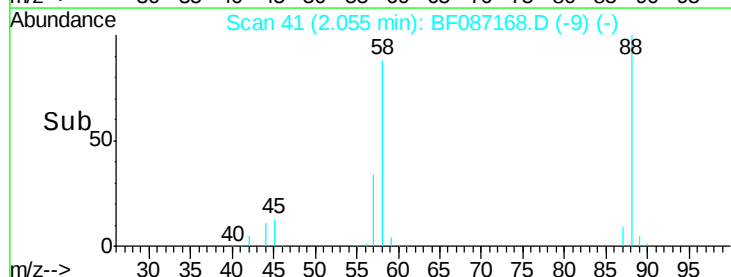
43 59.6 21.8 32.6#

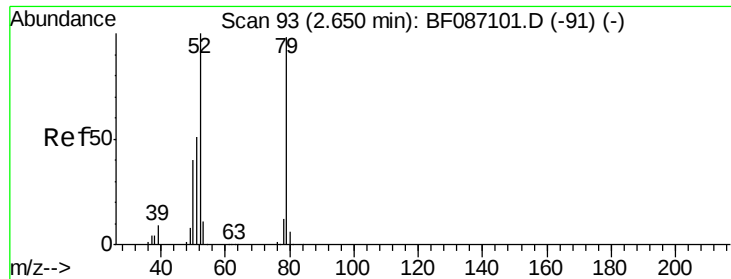


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.61 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.06 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

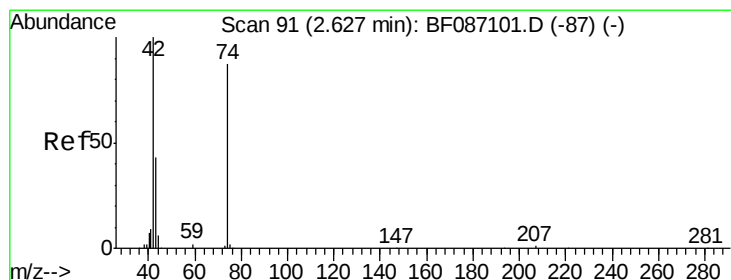
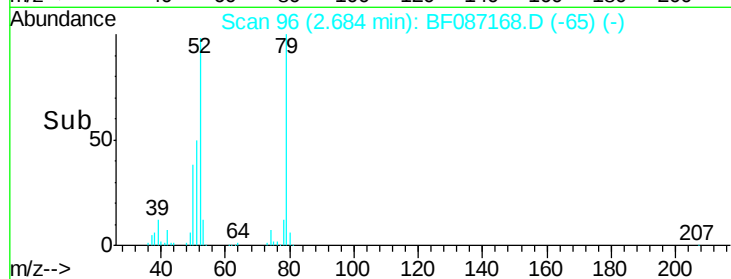
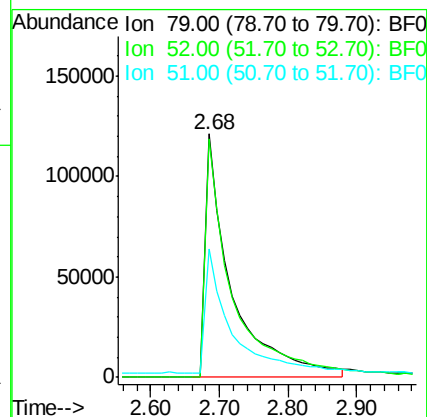
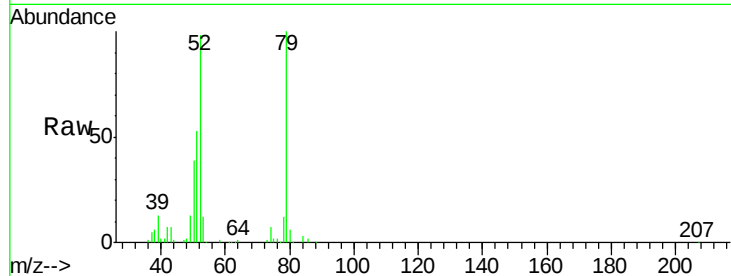
Tgt Ion: 79 Resp: 324195

Ion Ratio Lower Upper

79 100

52 98.1 55.9 83.9#

51 52.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.47 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.07 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

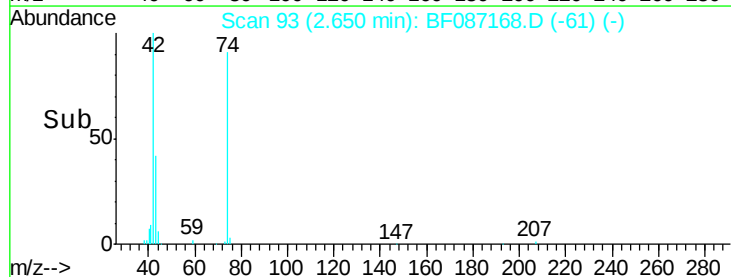
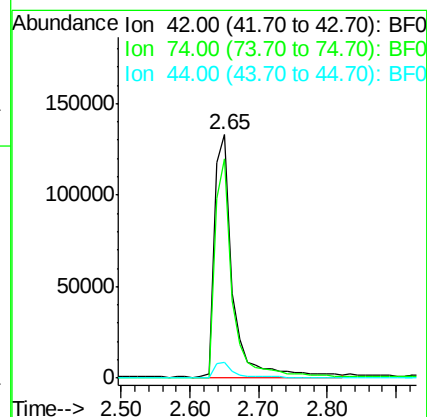
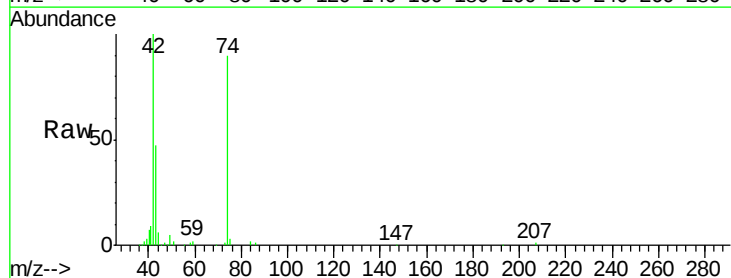
Tgt Ion: 42 Resp: 248204

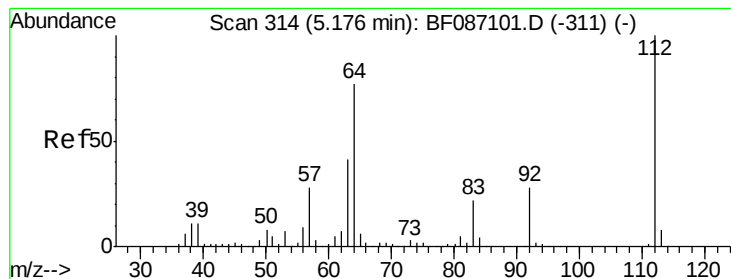
Ion Ratio Lower Upper

42 100

74 90.1 123.4 185.0#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 132.60 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

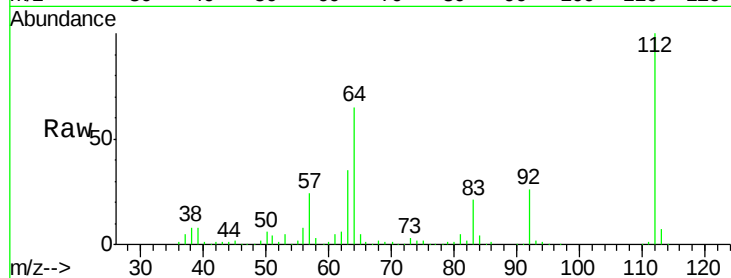
Tgt Ion: 112 Resp: 970150

Ion Ratio Lower Upper

112 100

64 65.5 52.1 78.1

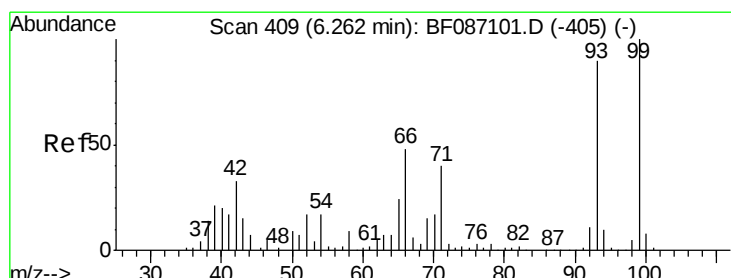
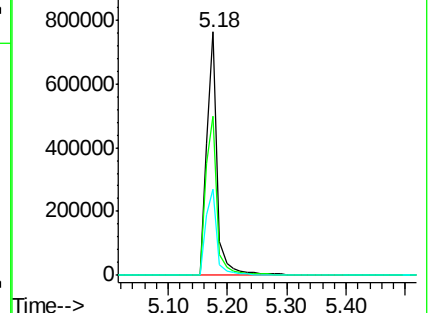
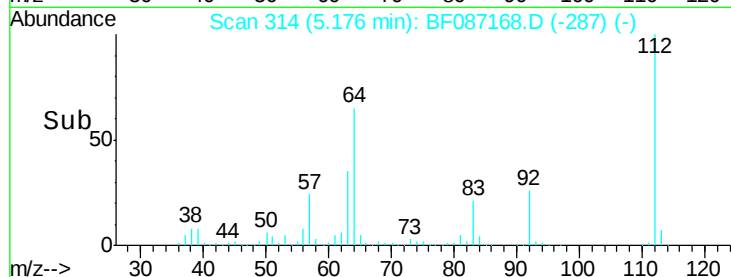
63 35.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.99 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

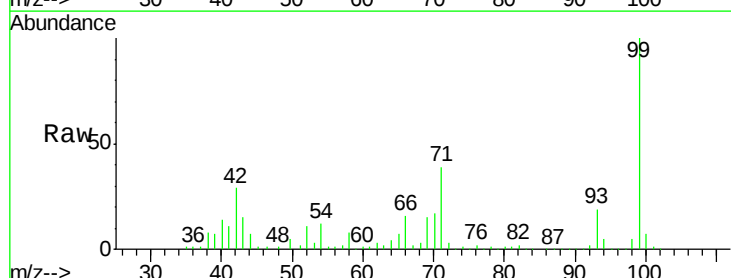
Tgt Ion: 93 Resp: 261575

Ion Ratio Lower Upper

93 100

66 81.4 39.0 58.6#

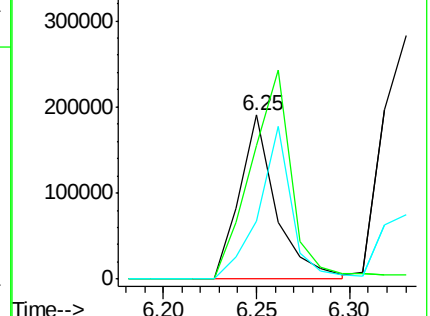
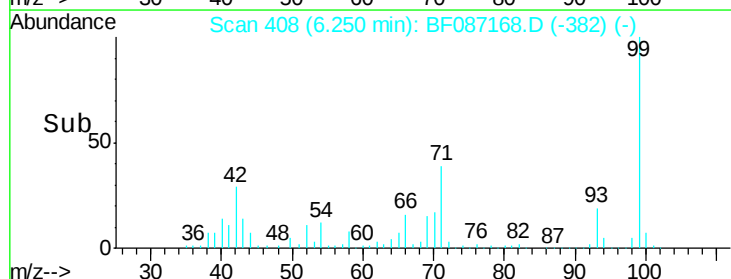
65 35.0 20.6 31.0#

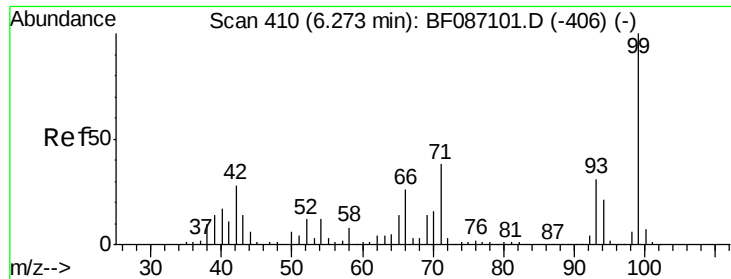


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.85 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

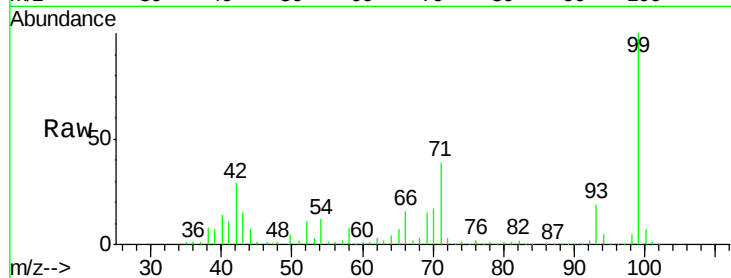
Tgt Ion: 99 Resp: 1127005

Ion Ratio Lower Upper

99 100

42 29.4 13.6 20.4#

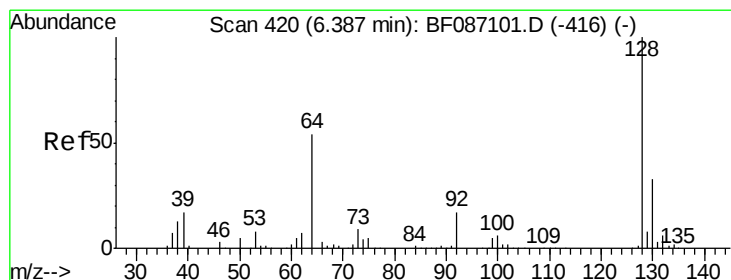
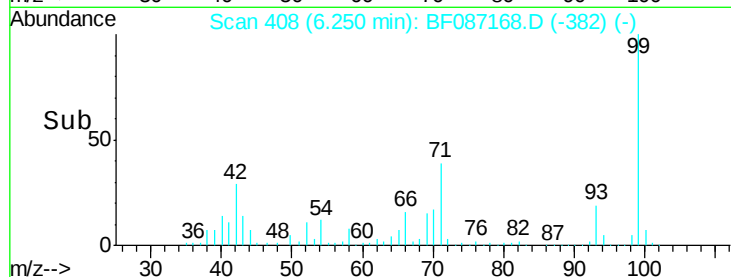
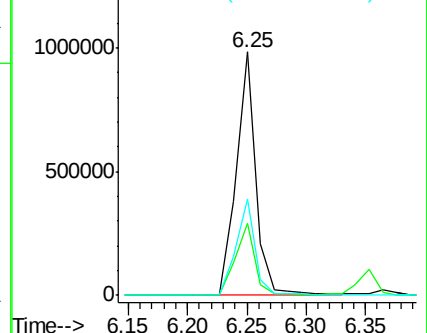
71 39.4 24.6 36.8#



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: 38.63 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

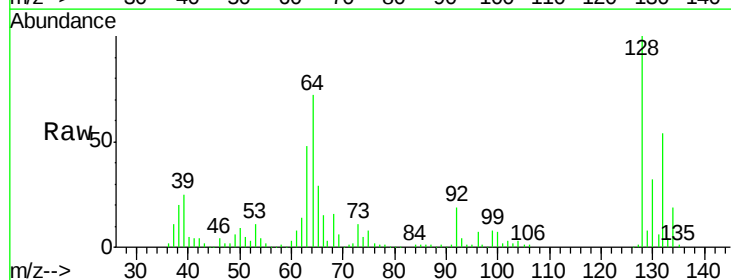
Tgt Ion: 128 Resp: 343911

Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

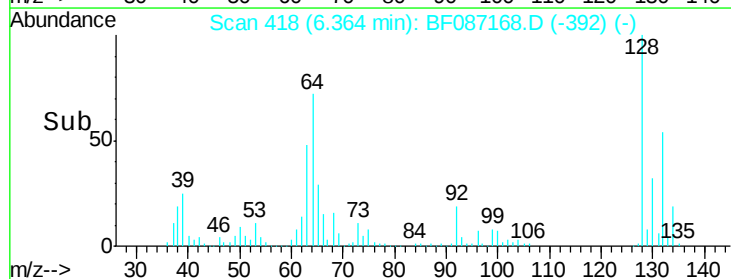
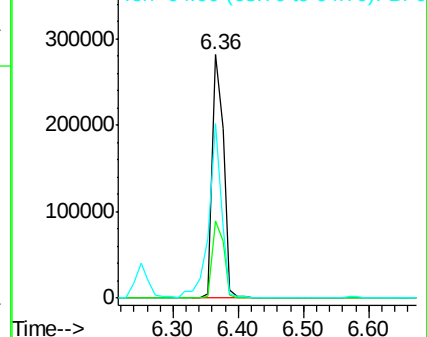
64 71.6 27.3 67.3#

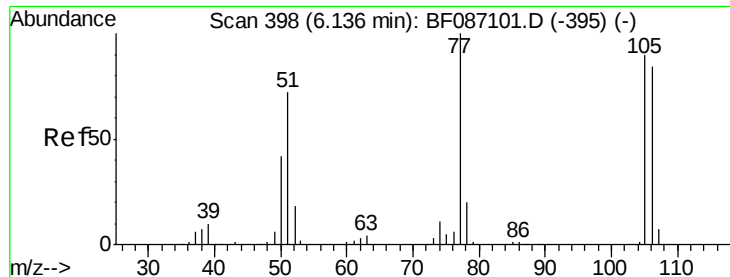


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.55 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

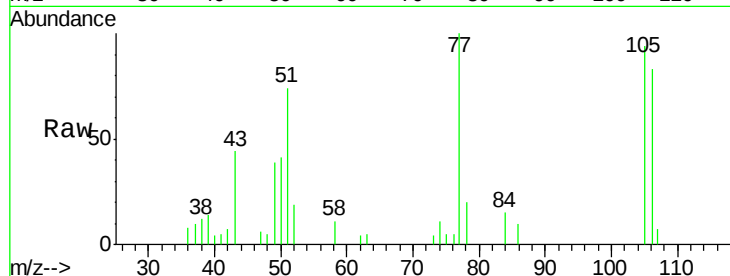
Tgt Ion: 77 Resp: 18602

Ion Ratio Lower Upper

77 100

105 94.2 72.7 112.7

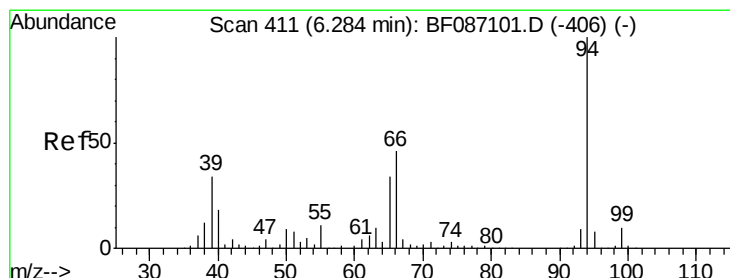
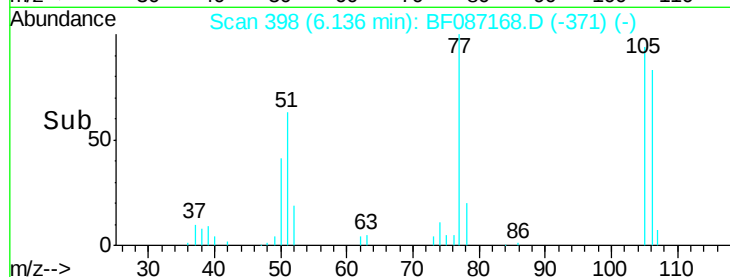
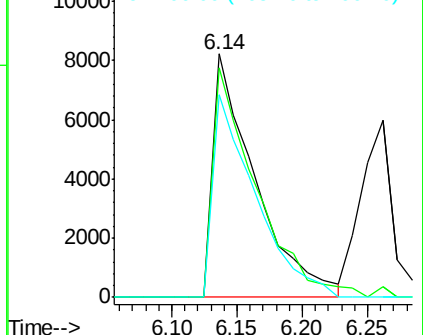
106 83.1 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.54 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

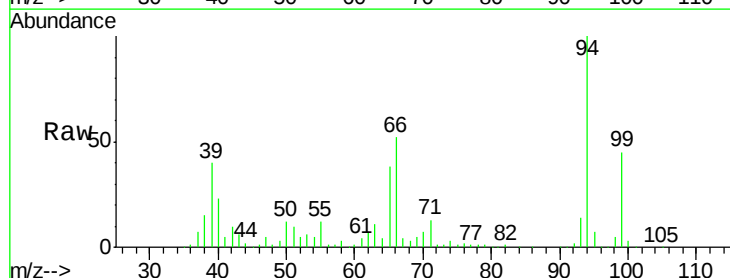
Tgt Ion: 94 Resp: 450682

Ion Ratio Lower Upper

94 100

65 38.4 7.2 47.2

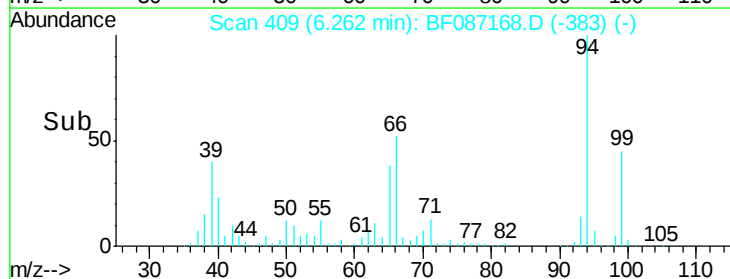
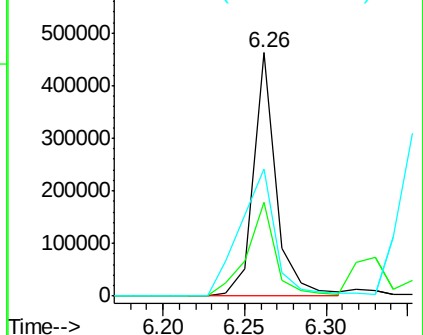
66 52.4 14.9 54.9

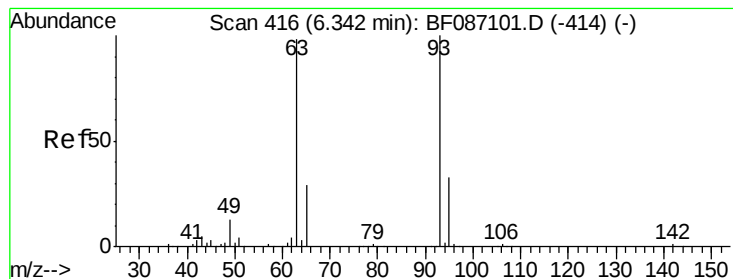


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.20 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

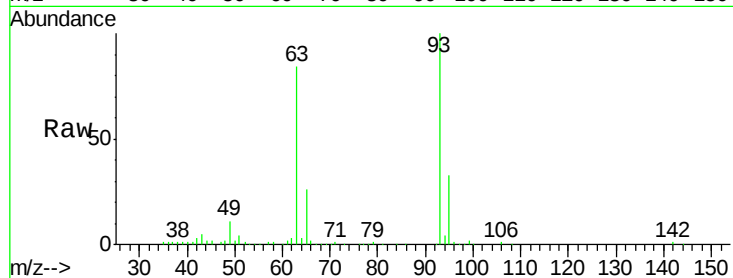
Tgt Ion: 93 Resp: 372337

Ion Ratio Lower Upper

93 100

63 83.5 58.0 98.0

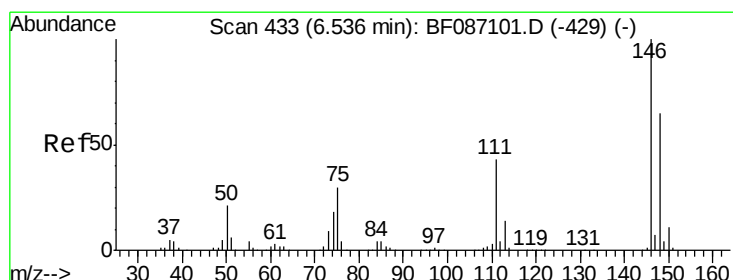
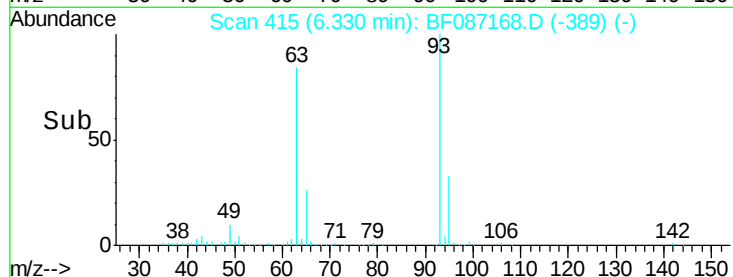
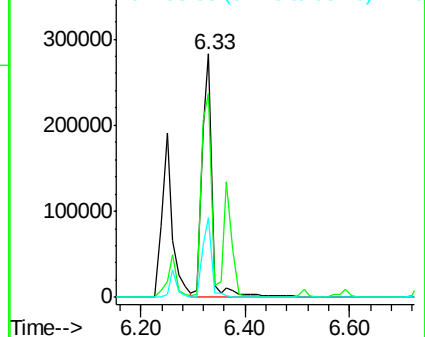
95 32.8 11.9 51.9



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: 32.81 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.24 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

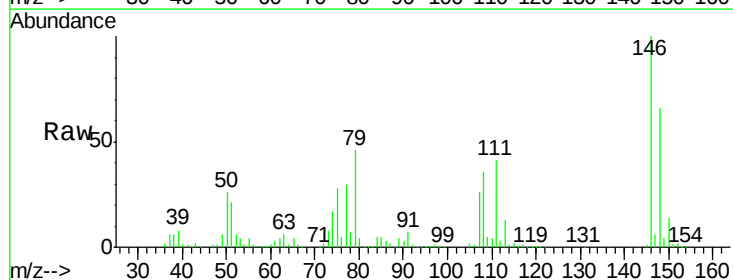
Tgt Ion: 146 Resp: 310408

Ion Ratio Lower Upper

146 100

148 66.2 52.4 78.6

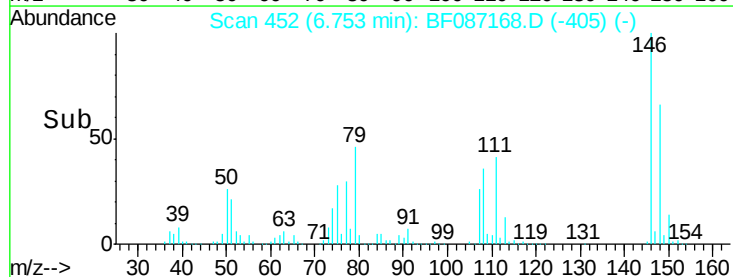
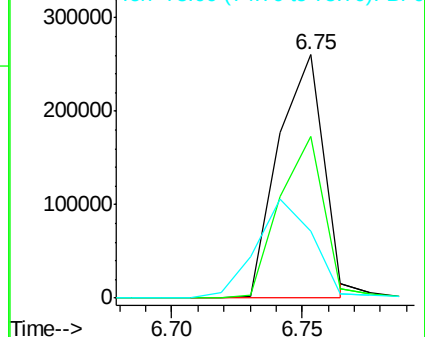
75 27.8 22.8 34.2

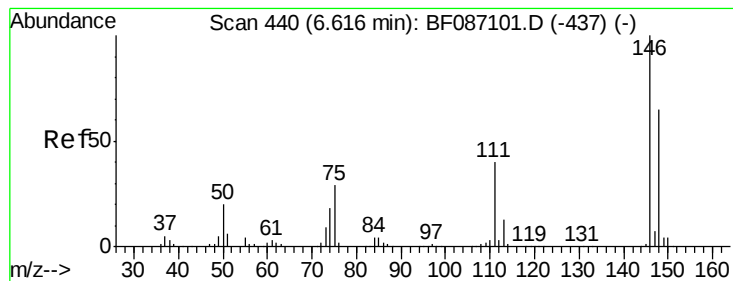


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.73 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.16 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

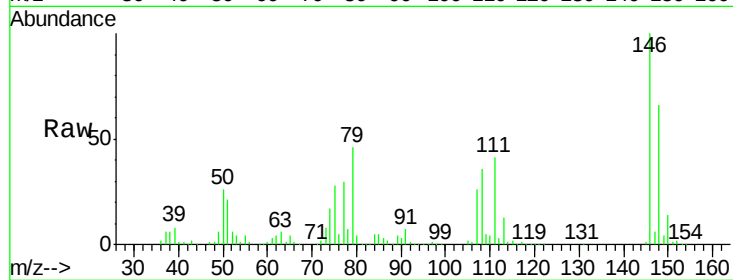
Tgt Ion:146 Resp: 316867

Ion Ratio Lower Upper

146 100

148 66.2 52.2 78.4

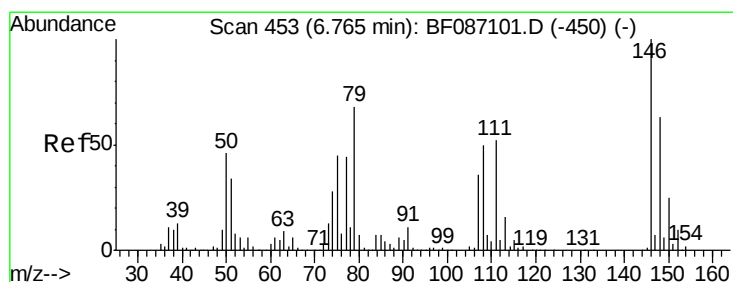
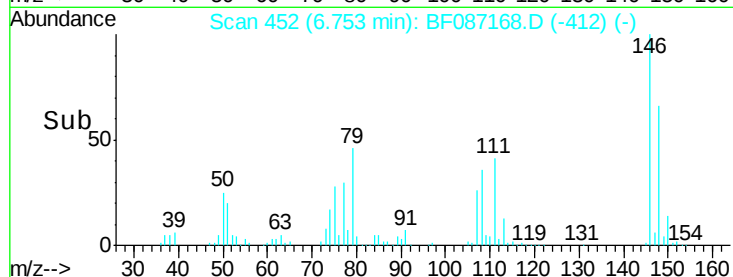
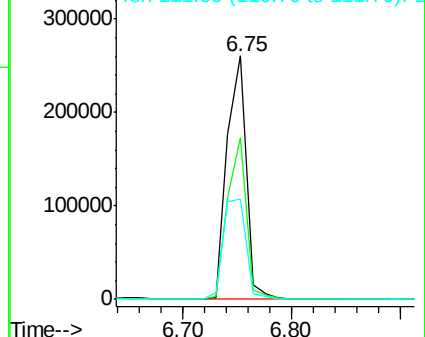
111 41.1 30.7 46.1



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: 37.88 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

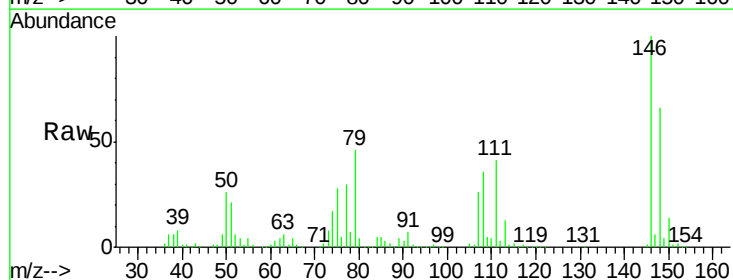
Tgt Ion:146 Resp: 321099

Ion Ratio Lower Upper

146 100

148 66.2 51.0 76.6

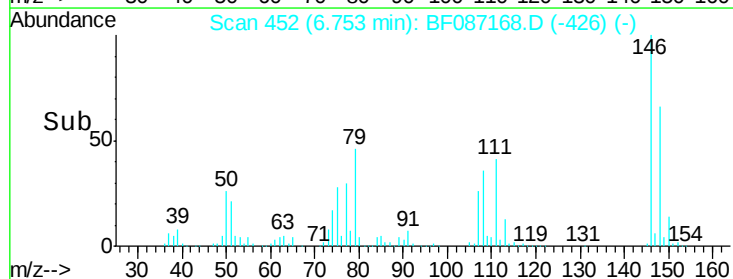
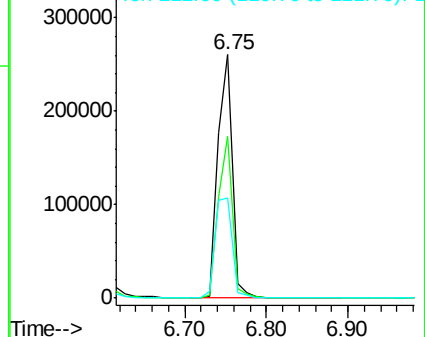
111 41.1 36.2 54.4

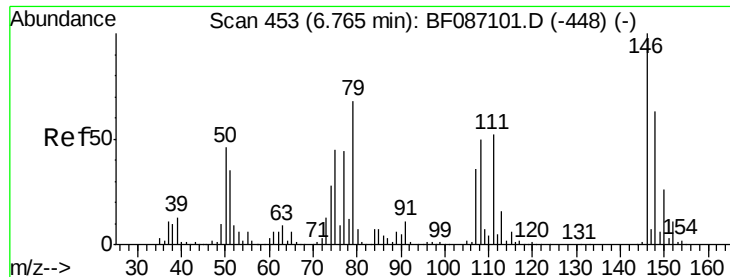


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.42 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

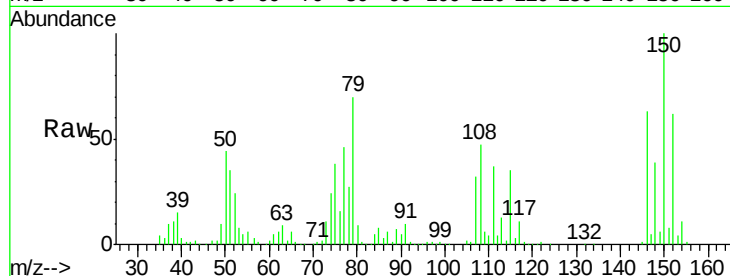
Tgt Ion: 79 Resp: 309900

Ion Ratio Lower Upper

79 100

108 67.0 68.4 102.6#

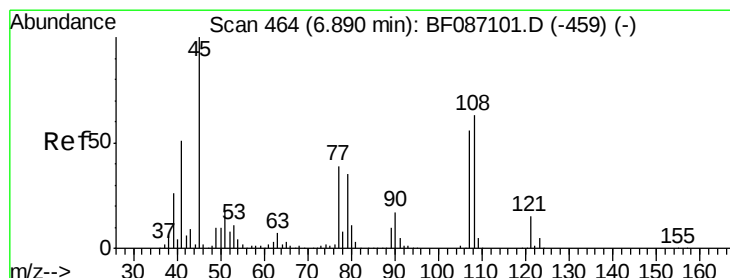
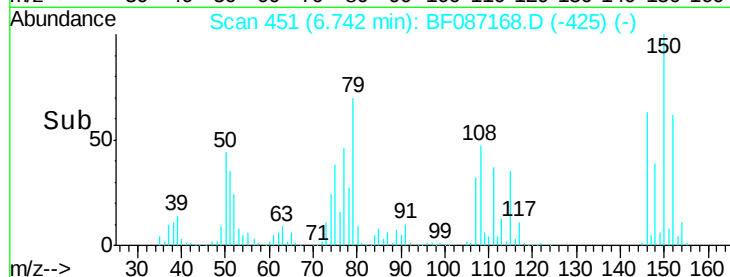
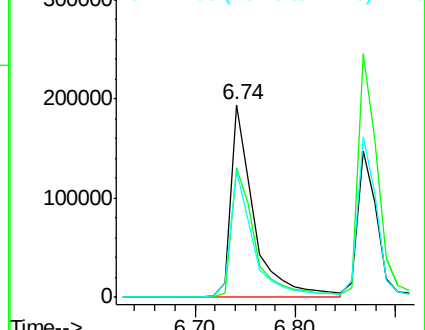
77 65.6 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.02 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

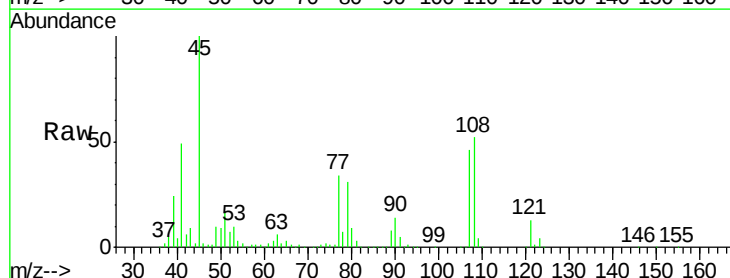
Tgt Ion: 45 Resp: 685892

Ion Ratio Lower Upper

45 100

77 34.1 0.0 36.4

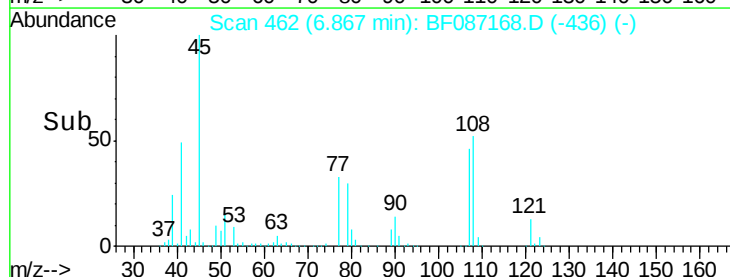
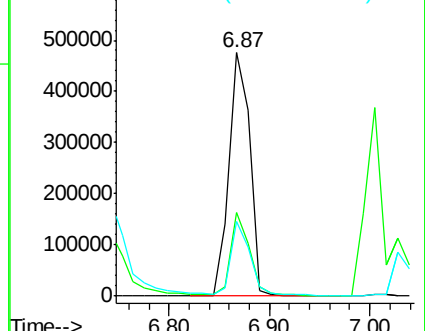
79 30.9 0.0 33.4

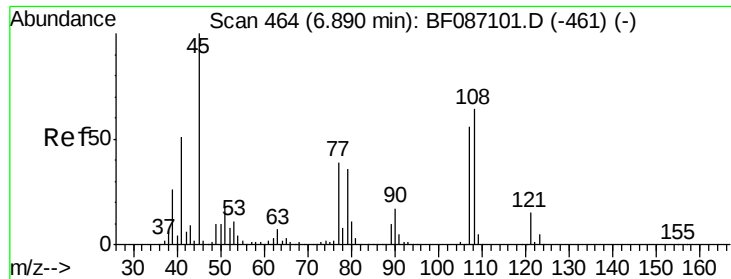


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

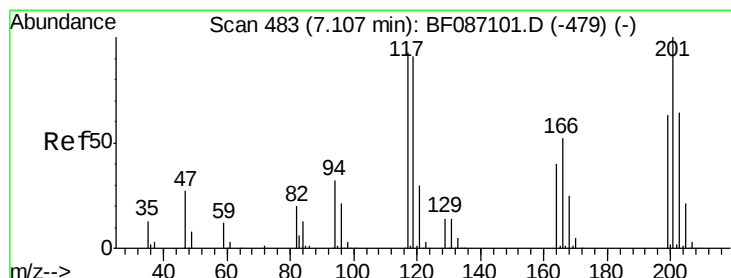
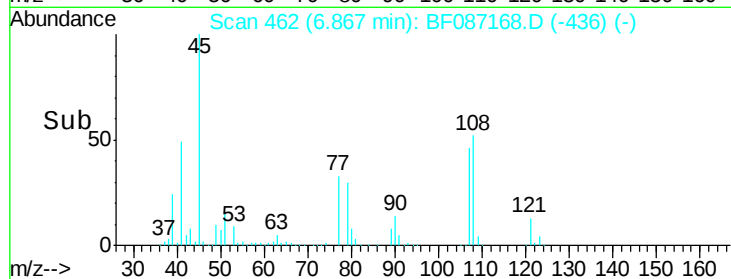
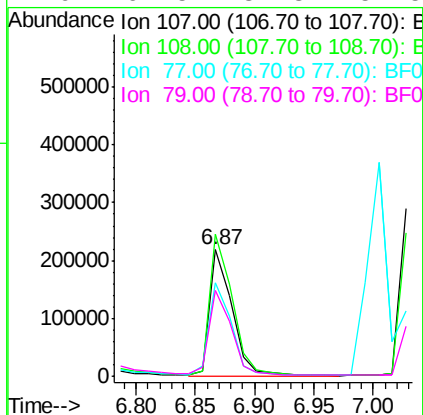
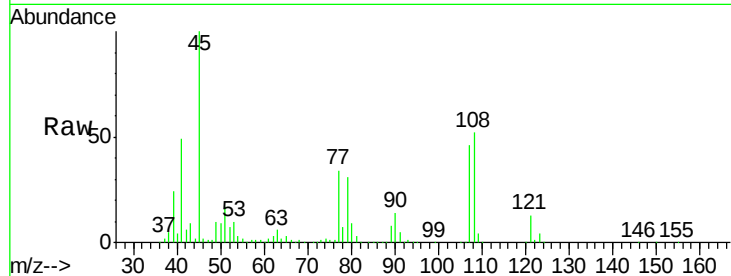




#17
2-Methylphenol
Concen: 38.72 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

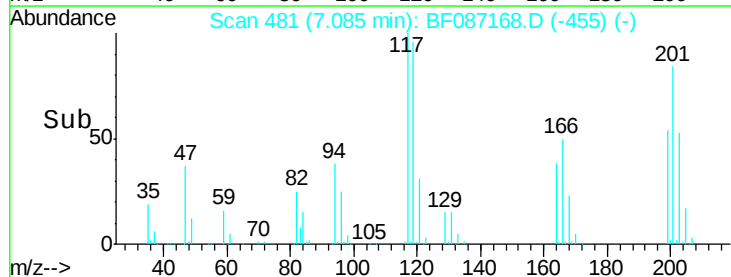
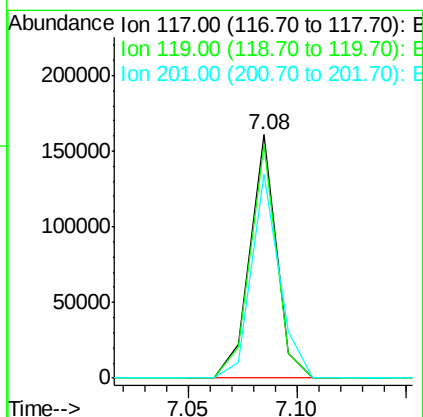
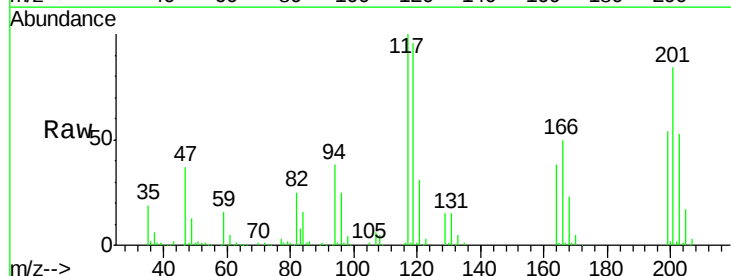
Instrument :
BNA_F
ClientSampleId :
PB90659BS

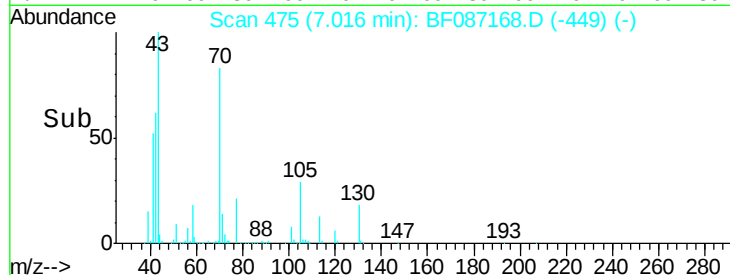
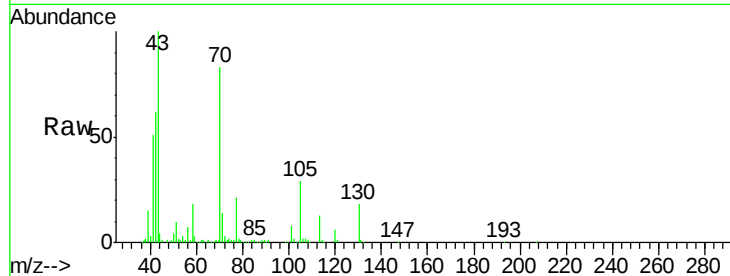
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.7	140.5
77	74.4	33.4	50.0
79	67.5	34.3	51.5



#18
Hexachloroethane
Concen: 36.85 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	83.6	63.0	94.6

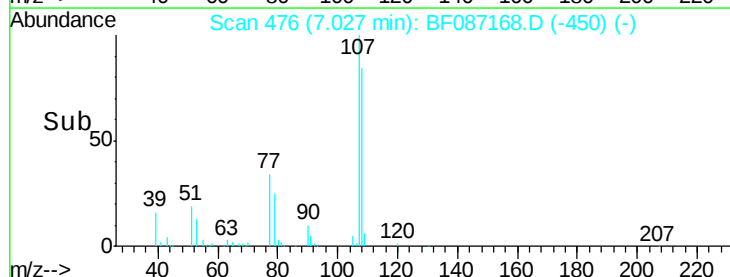
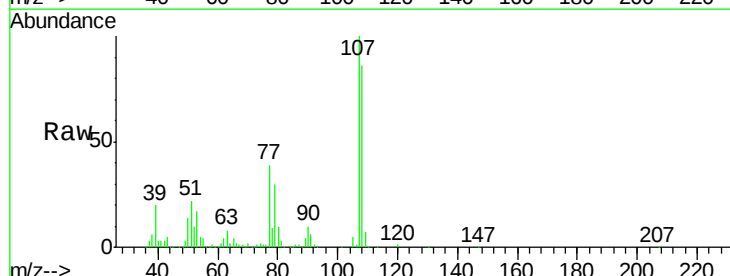
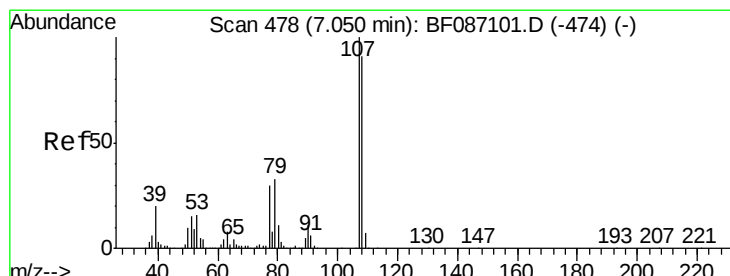
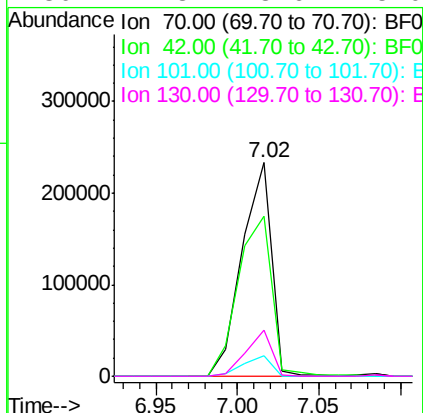




#19
n-Nitroso-di-n-propylamine
Concen: 39.21 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

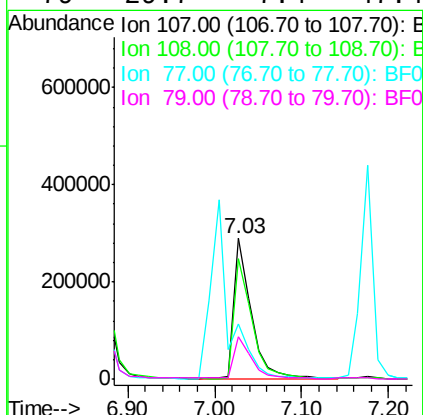
Instrument :
BNA_F
ClientSampleId :
PB90659BS

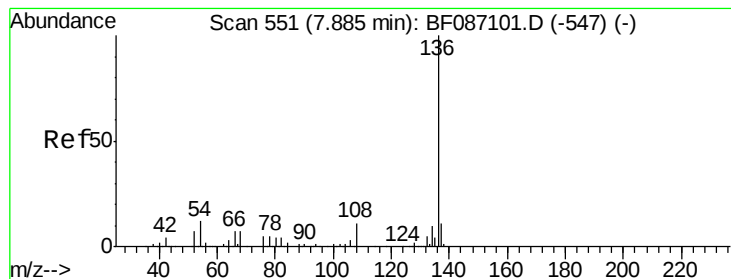
Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.1	43.1	64.7#
101	9.5	8.1	12.1
130	21.3	18.6	28.0



#20
3+4-Methylphenols
Concen: 40.85 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	68.5	108.5
77	39.1	101.6	141.6#
79	29.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

Tgt Ion:136 Resp: 499909

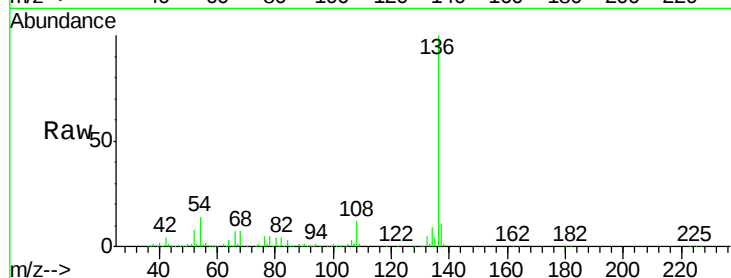
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 13.9 5.0 7.4#

68 7.3 4.4 6.6#



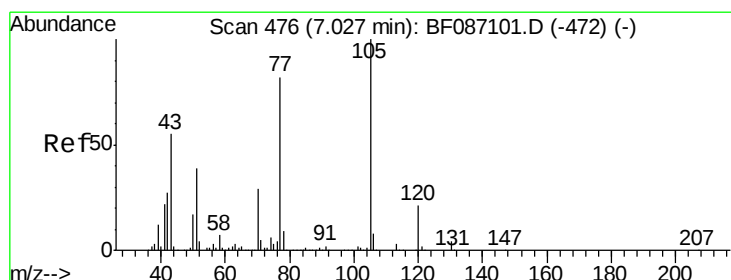
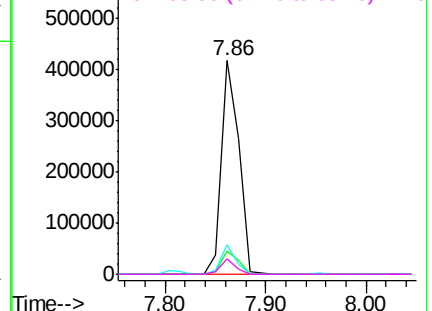
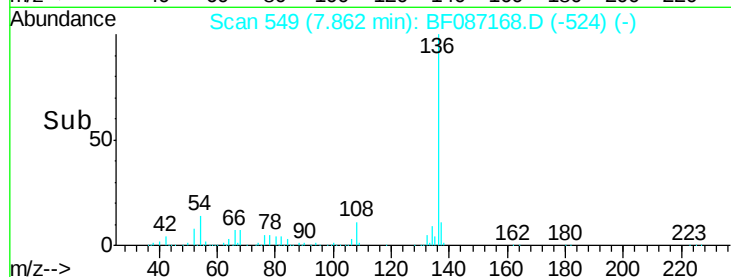
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.10 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:105 Resp: 515007

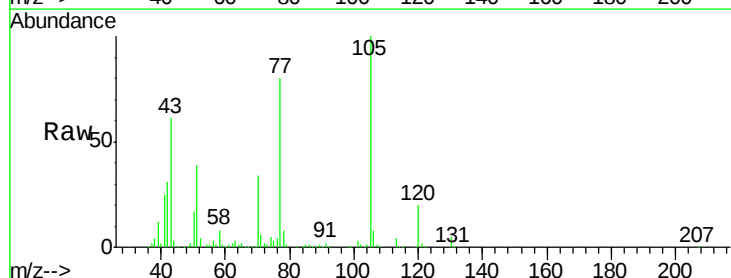
Ion Ratio Lower Upper

105 100

71 5.6 4.8 7.2

51 38.6 32.6 49.0

120 20.2 16.5 24.7



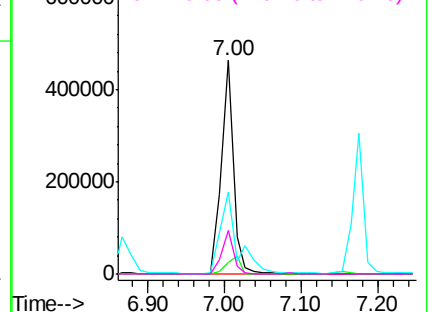
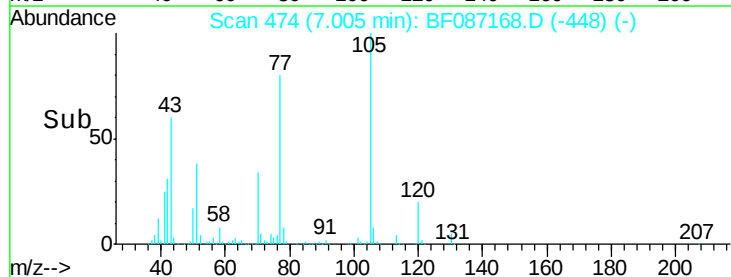
Abundance

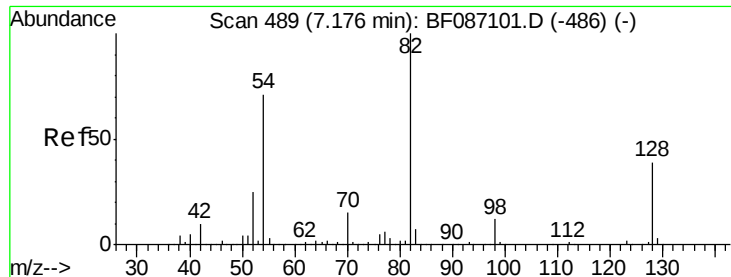
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

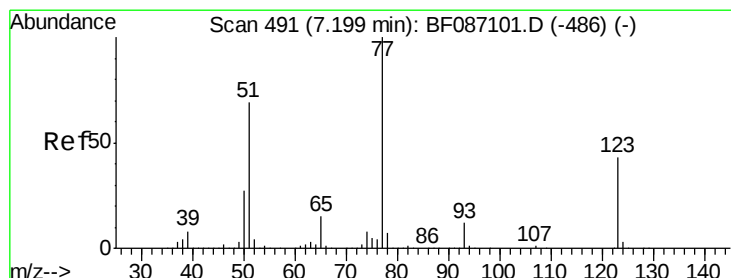
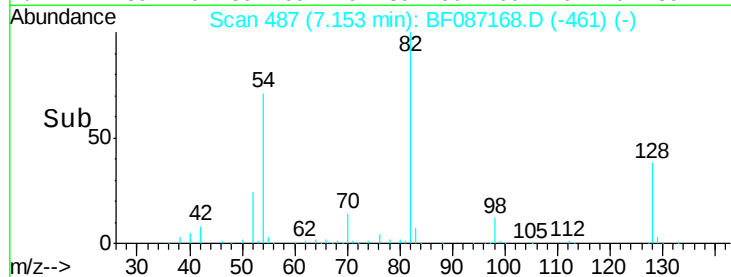
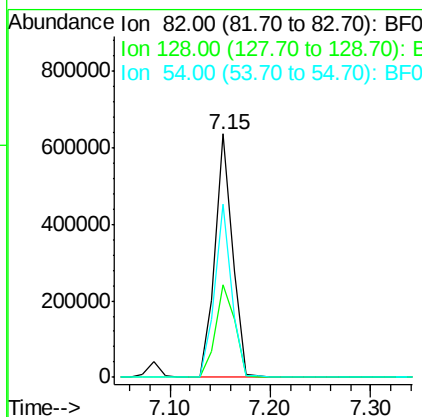
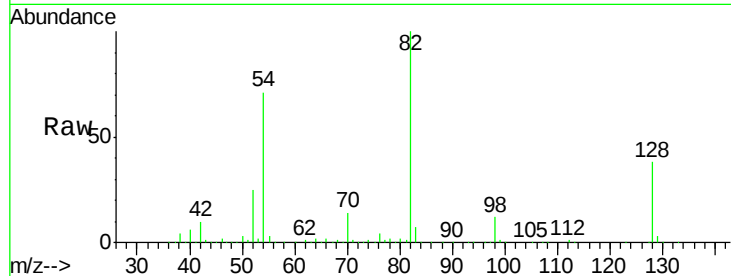




#23
 Nitrobenzene-d5
 Concen: 77.94 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

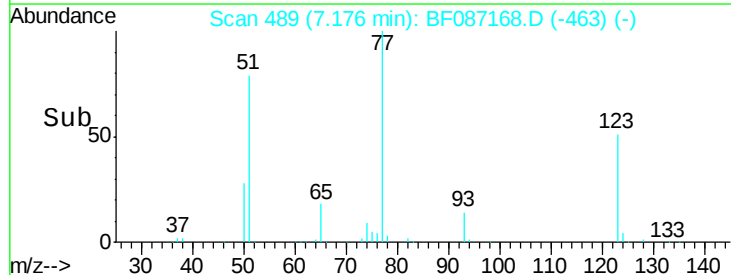
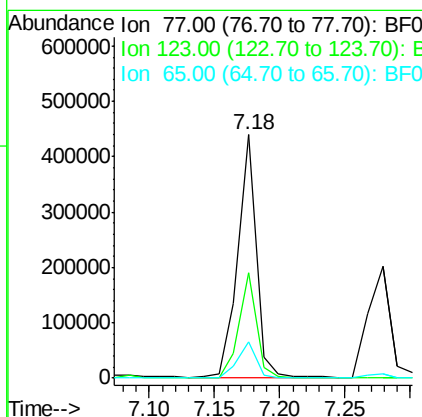
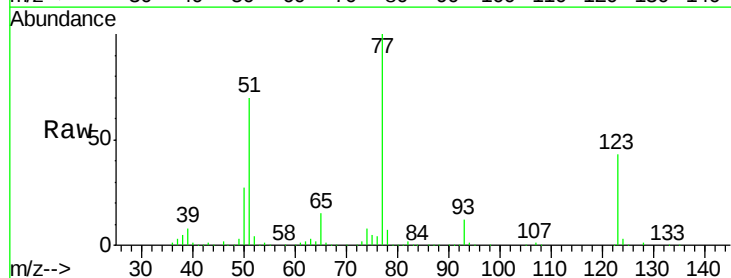
Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

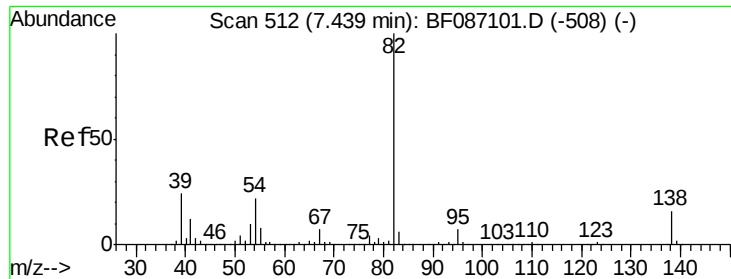
Tgt Ion: 82 Resp: 781748
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 71.3 38.1 57.1#



#24
 Nitrobenzene
 Concen: 39.23 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion: 77 Resp: 429643
 Ion Ratio Lower Upper
 77 100
 123 43.4 33.0 49.4
 65 14.9 10.8 16.2





#25

Isophorone

Concen: 39.44 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

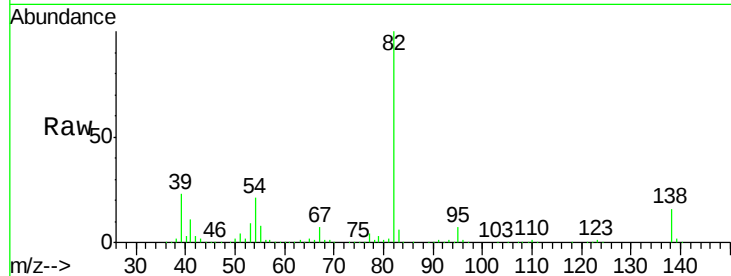
Tgt Ion: 82 Resp: 724201

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

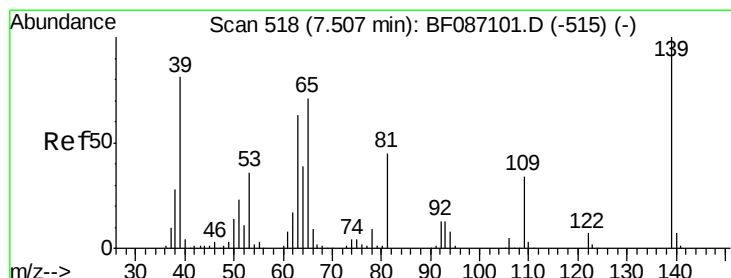
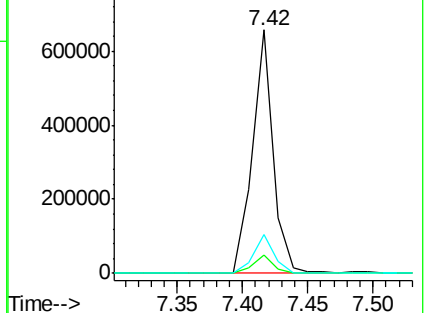
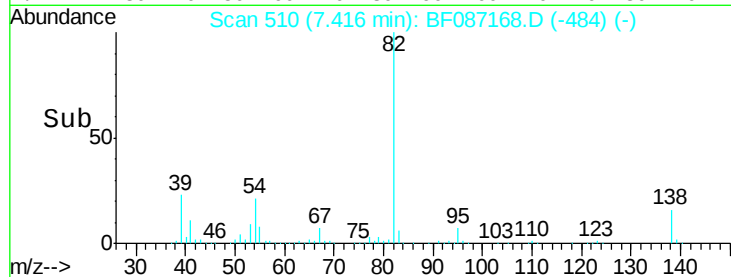
138 15.8 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.01 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

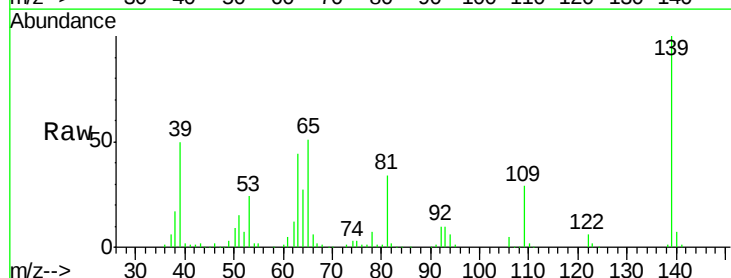
Tgt Ion: 139 Resp: 186070

Ion Ratio Lower Upper

139 100

109 29.0 19.5 29.3

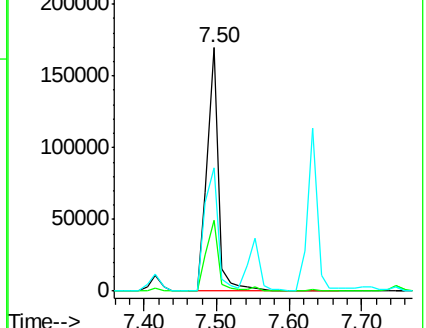
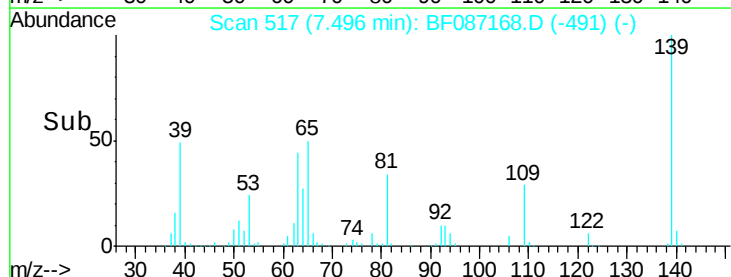
65 50.8 37.5 56.3

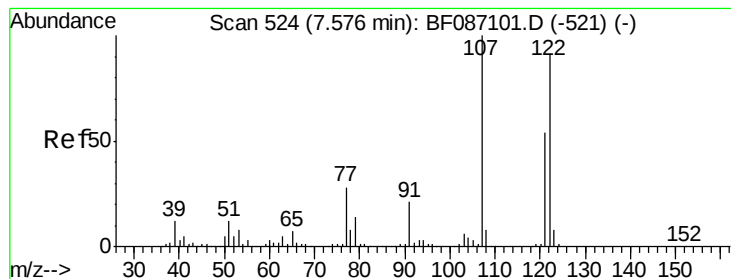


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.46 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

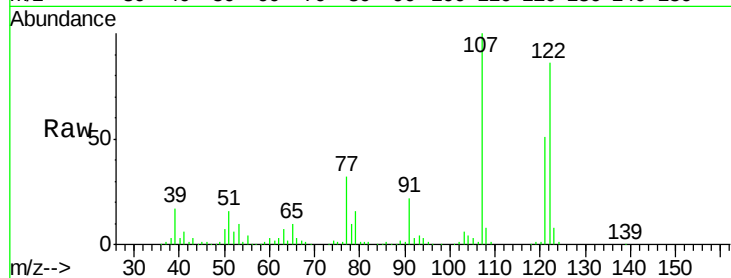
Tgt Ion:122 Resp: 328767

Ion Ratio Lower Upper

122 100

107 116.2 82.0 123.0

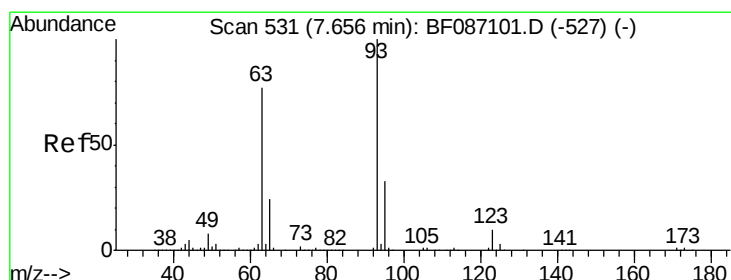
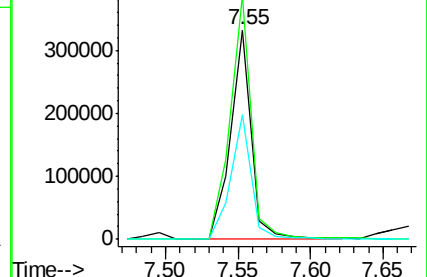
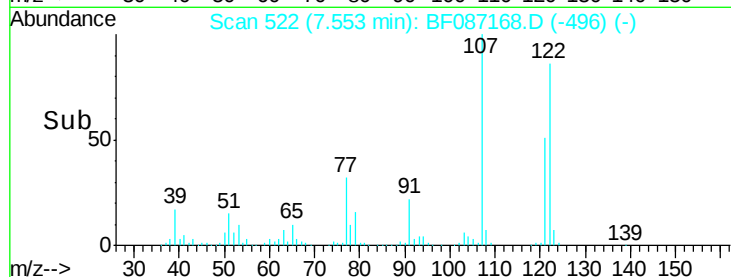
121 59.5 46.1 69.1



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: 43.02 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

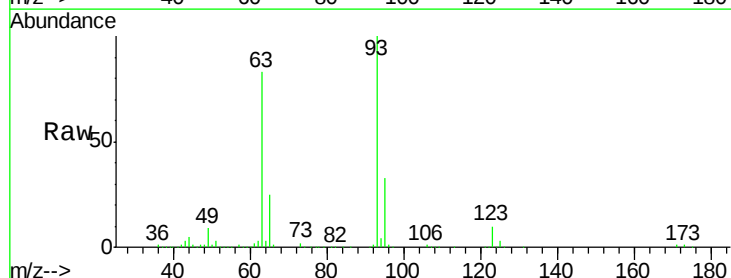
Tgt Ion: 93 Resp: 433664

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

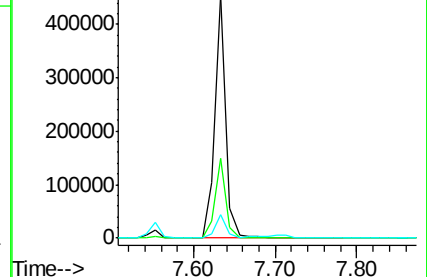
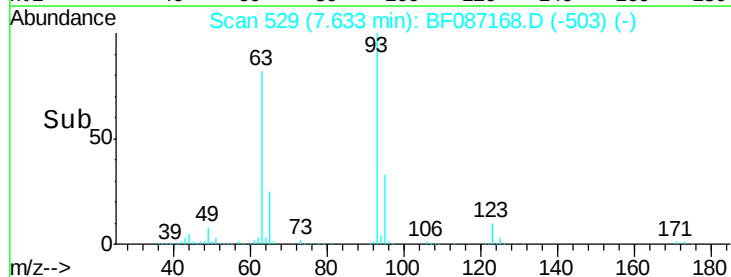
123 9.7 9.5 14.3

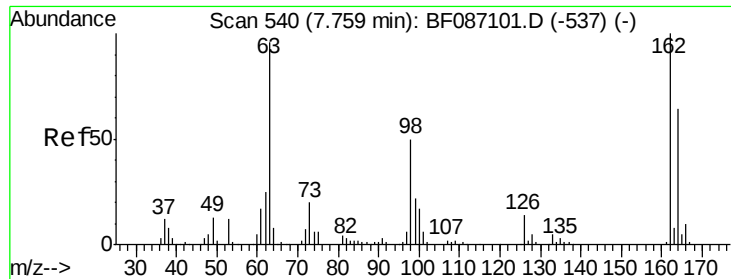


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

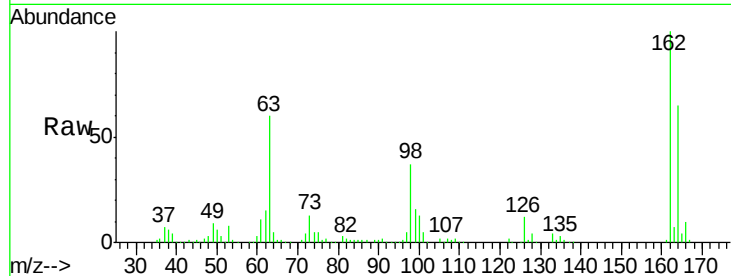




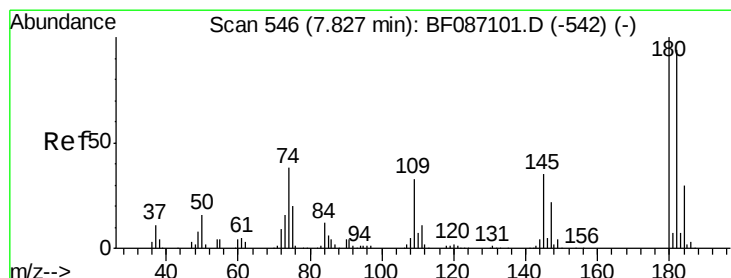
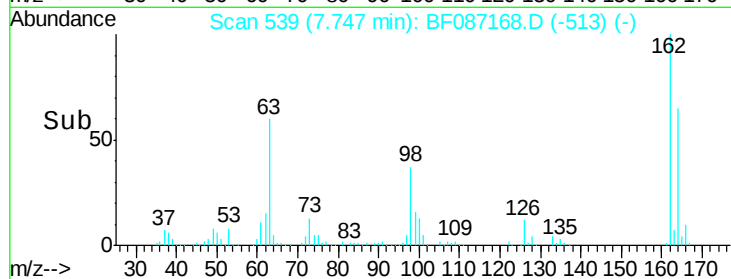
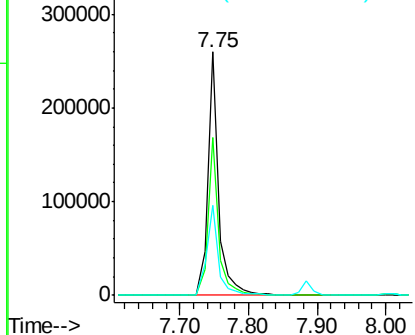
#29
 2,4-Dichlorophenol
 Concen: 41.55 ng
 RT: 7.75 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.2	82.2
98	36.9	19.0	59.0

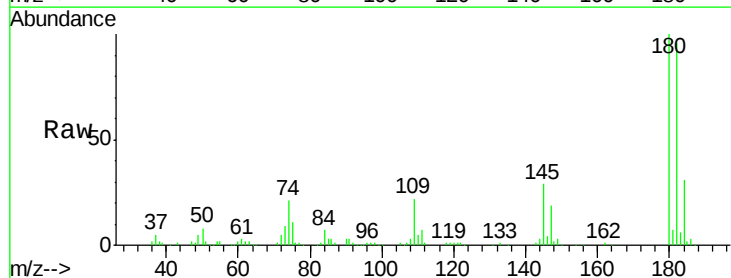


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

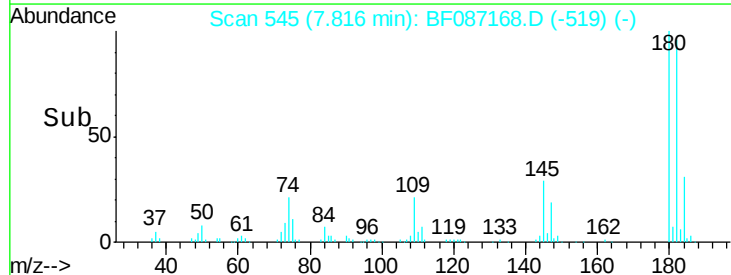
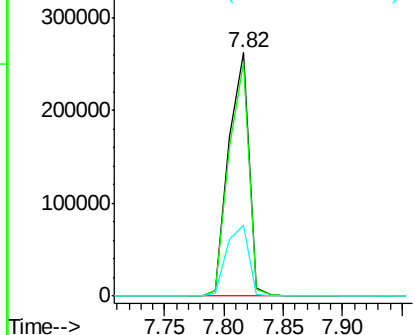


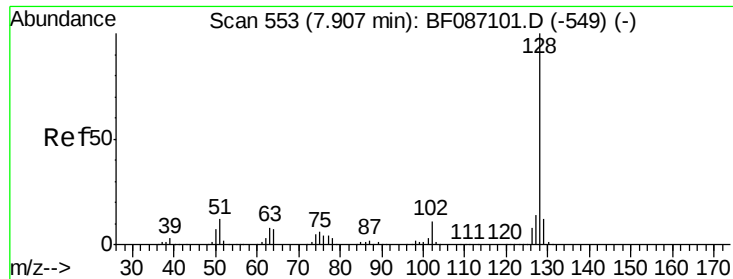
#30
 1,2,4-Trichlorobenzene
 Concen: 40.92 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.0	117.0
145	28.8	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

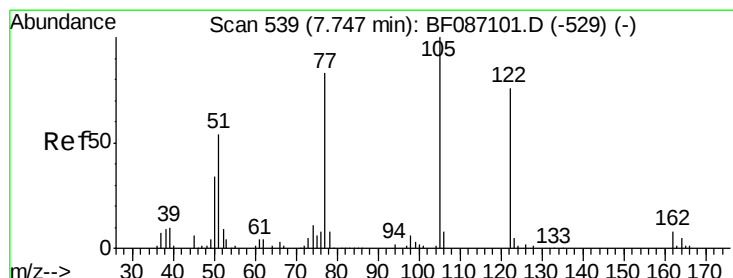
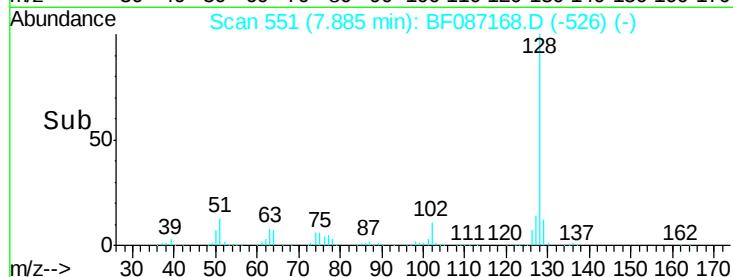
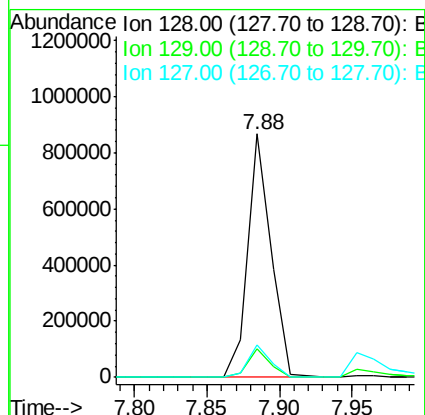
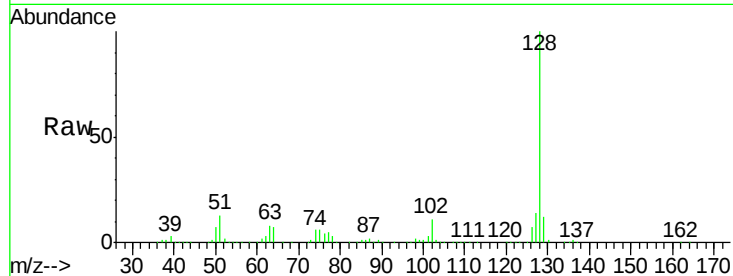




#31
Naphthalene
Concen: 39.42 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

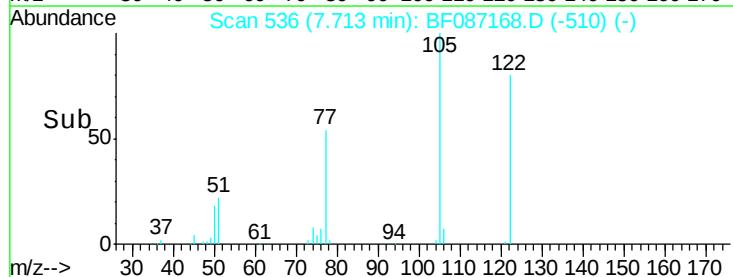
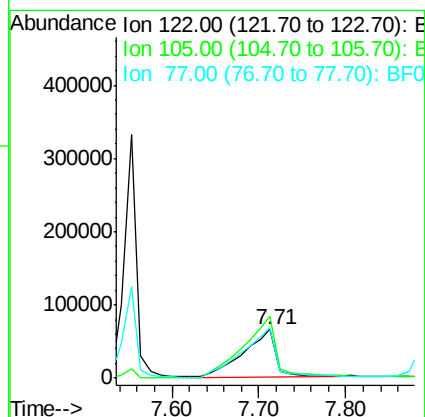
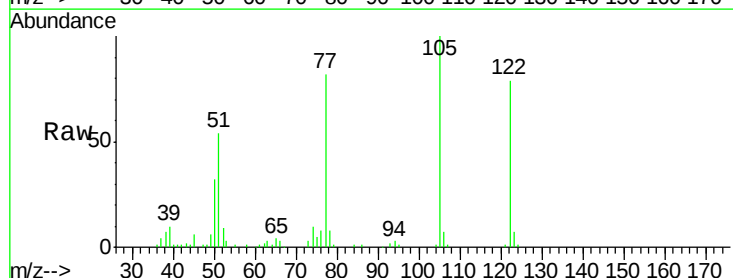
Instrument :
BNA_F
ClientSampleId :
PB90659BS

Tgt Ion:128 Resp: 962822
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 37.21 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion:122 Resp: 171742
Ion Ratio Lower Upper
122 100
105 127.2 92.6 132.6
77 104.6 60.0 100.0#

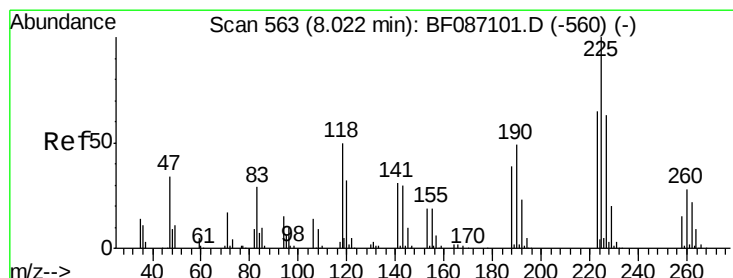
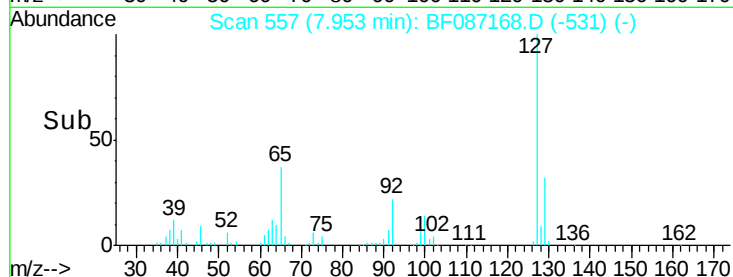
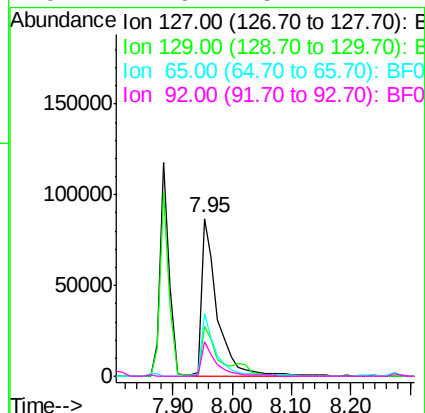
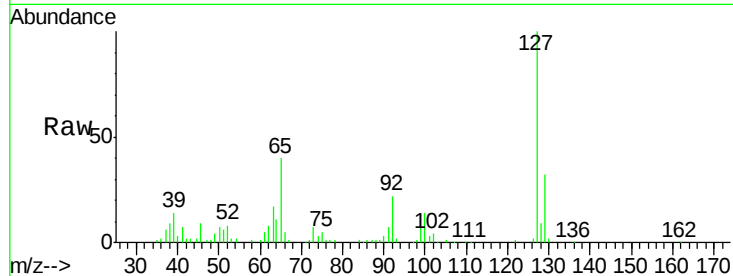




#33
4-Chloroaniline
Concen: 16.08 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

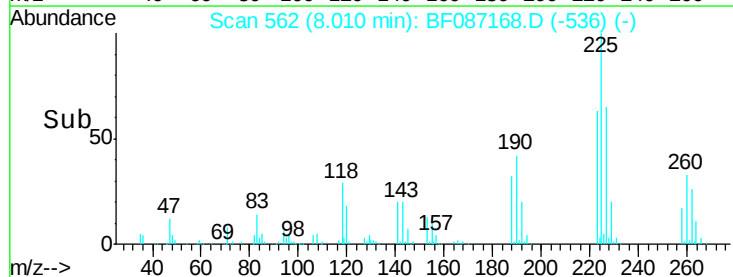
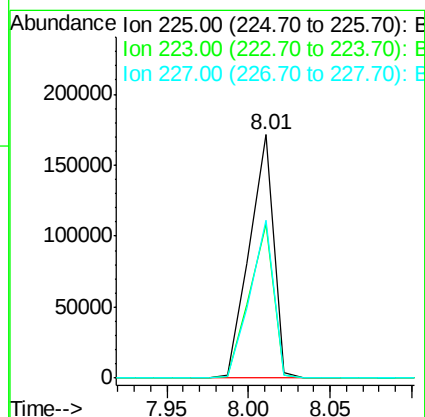
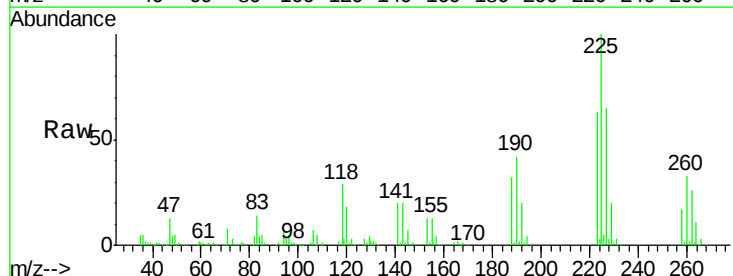
Instrument :
BNA_F
ClientSampleId :
PB90659BS

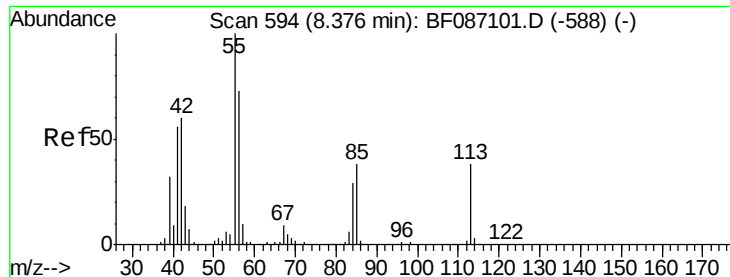
Tgt Ion:	127	Resp:	163202
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	39.8	23.0	34.4
92	21.6	15.1	22.7



#34
Hexachlorobutadiene
Concen: 41.23 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion:	225	Resp:	177134
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.5	77.3
227	65.0	52.2	78.2





#35

Caprolactam

Concen: 41.34 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

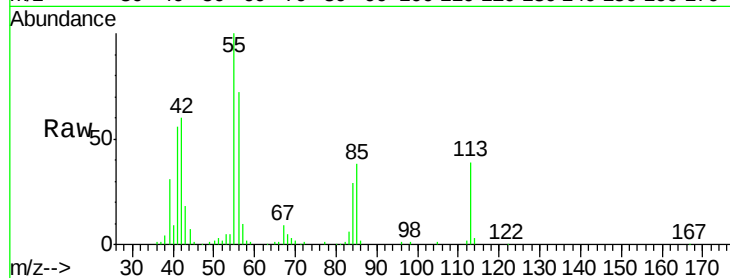
Tgt Ion:113 Resp: 93926

Ion Ratio Lower Upper

113 100

55 253.8 162.0 202.0#

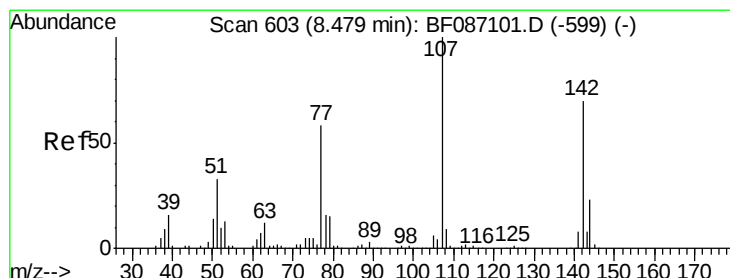
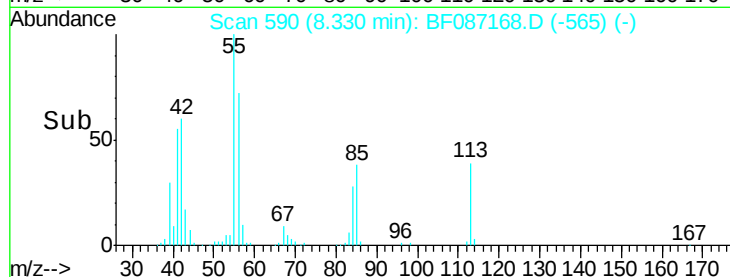
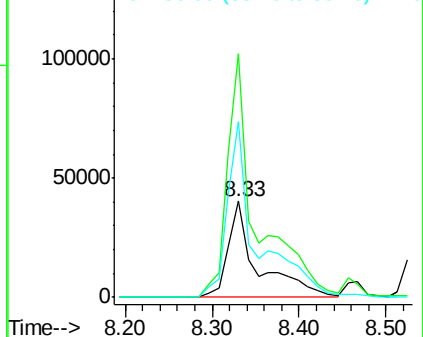
56 183.2 115.3 155.3#



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: 38.81 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

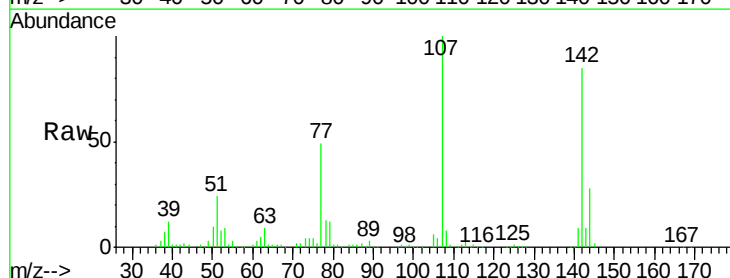
Tgt Ion:107 Resp: 319362

Ion Ratio Lower Upper

107 100

144 27.5 20.7 31.1

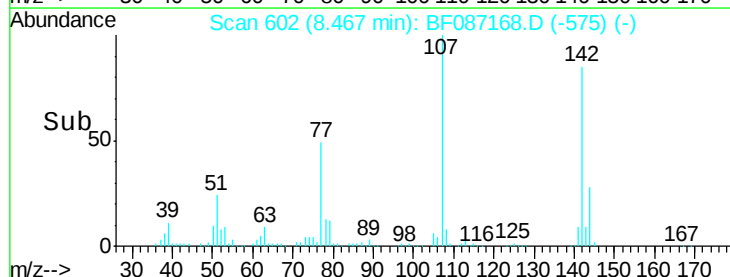
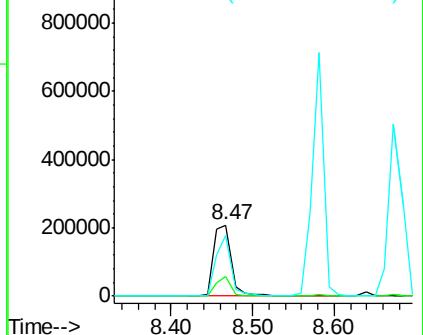
142 84.5 63.2 94.8

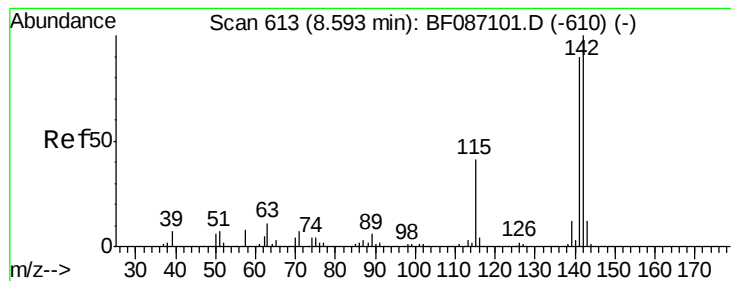


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.98 ng

RT: 8.58 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

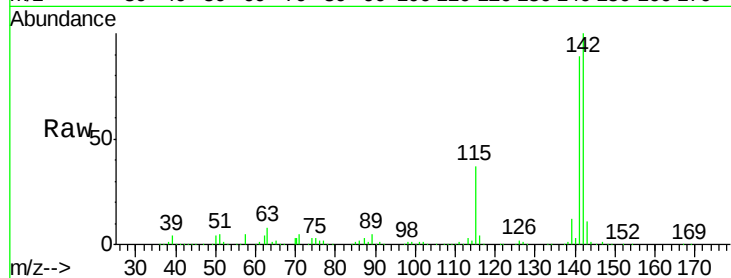
Tgt Ion:142 Resp: 687092

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.6

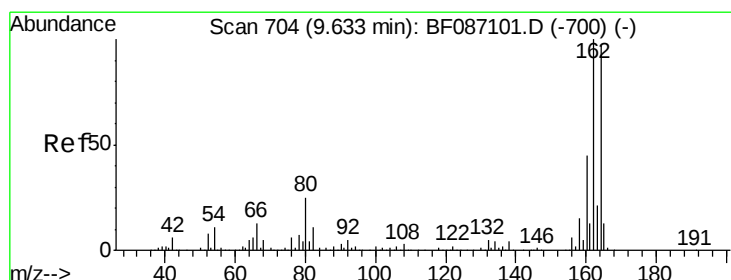
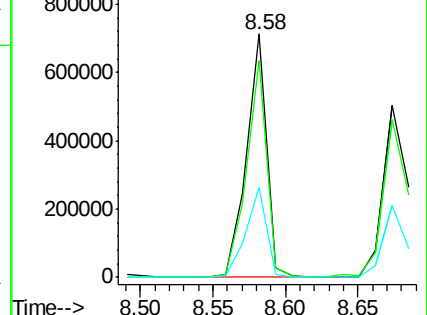
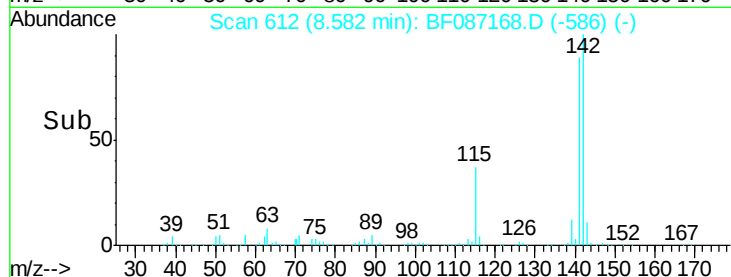
115 37.1 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

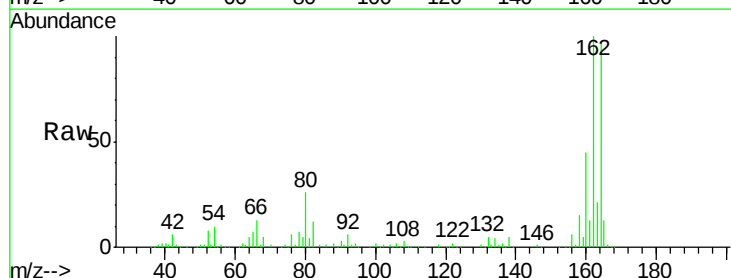
Tgt Ion:164 Resp: 230030

Ion Ratio Lower Upper

164 100

162 103.3 82.8 124.2

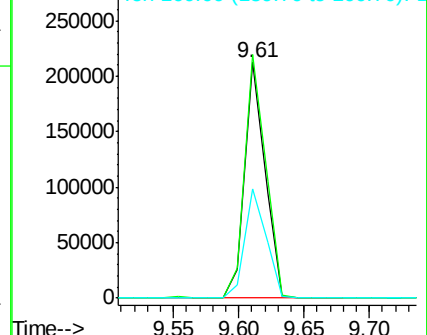
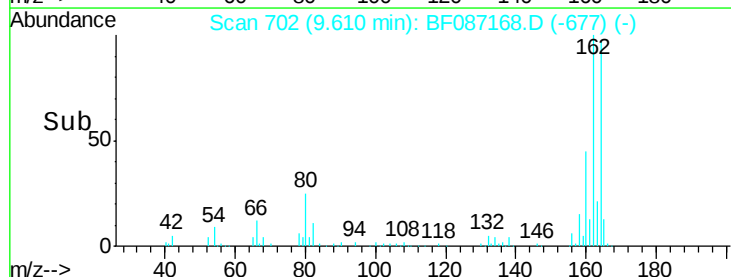
160 46.5 36.9 55.3

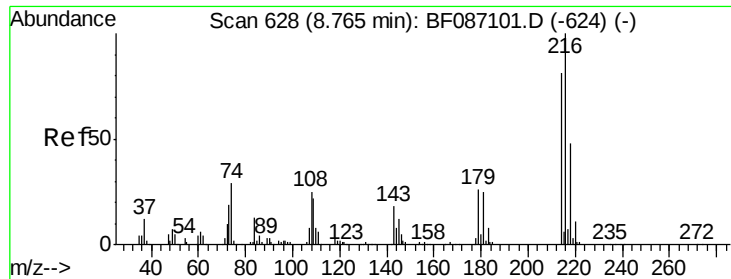


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.36 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

Tgt Ion:216 Resp: 271178

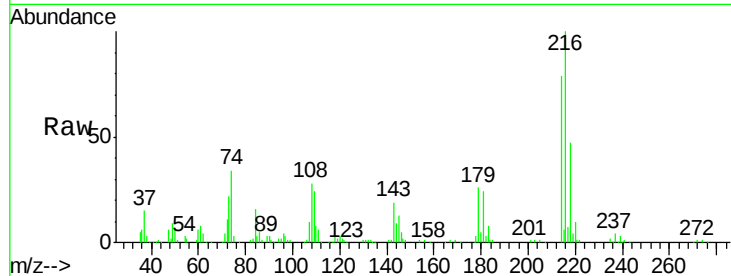
Ion Ratio Lower Upper

216 100

214 78.3 62.6 93.8

179 22.9 18.2 27.4

108 22.9 17.5 26.3

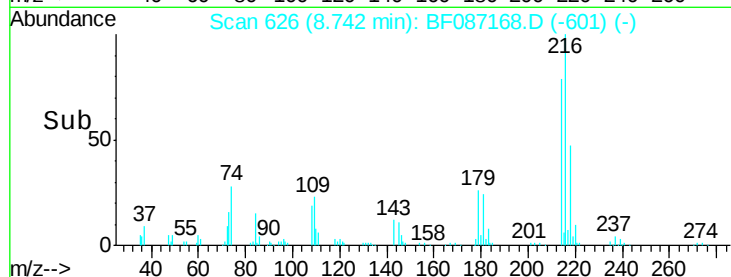


Abundance Ion 216.00 (215.70 to 216.70): E

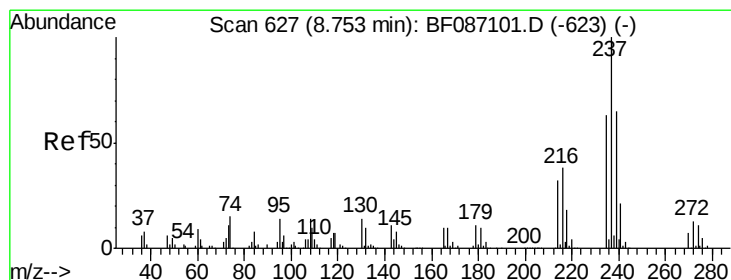
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.65 8.70 8.75 8.80 8.85



#40

Hexachlorocyclopentadiene

Concen: 45.37 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

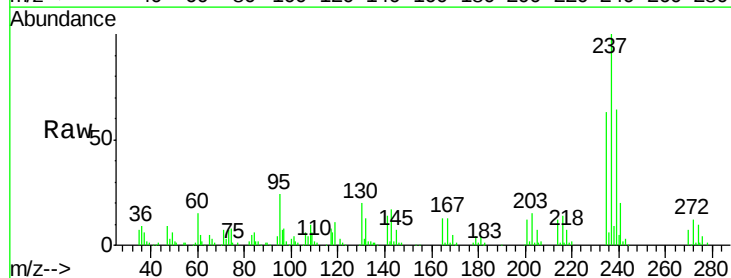
Tgt Ion:237 Resp: 107943

Ion Ratio Lower Upper

237 100

235 62.7 47.2 87.2

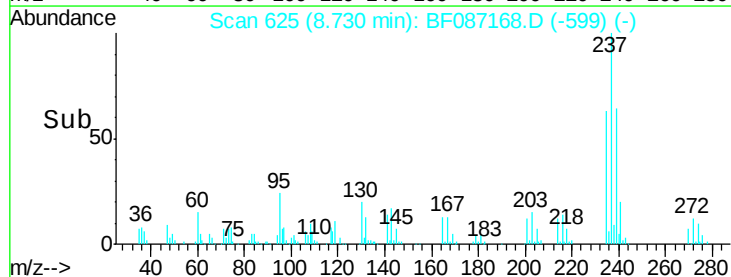
272 12.3 0.0 31.1



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



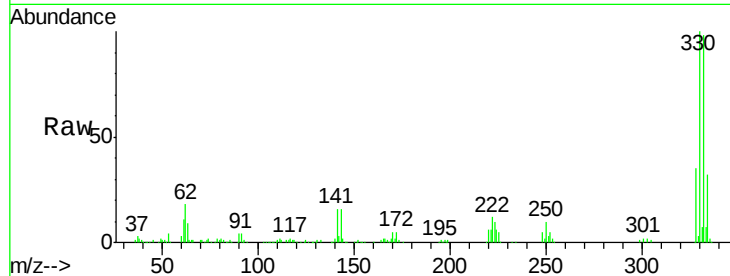
Time--> 8.65 8.70 8.75



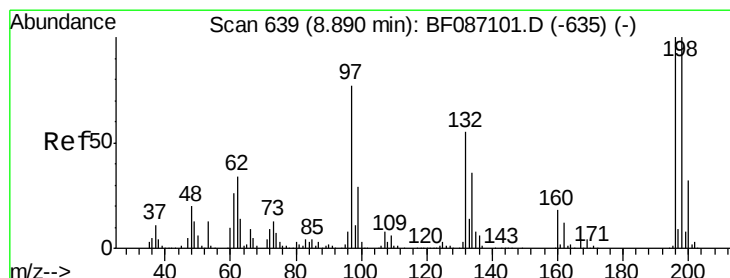
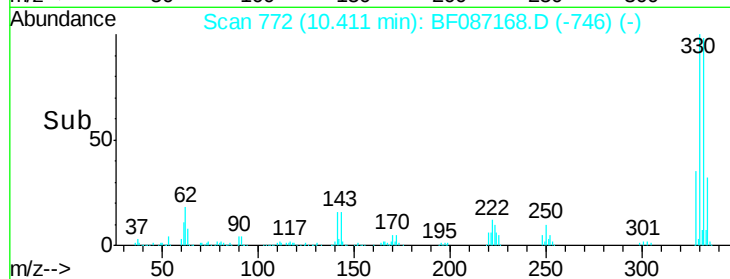
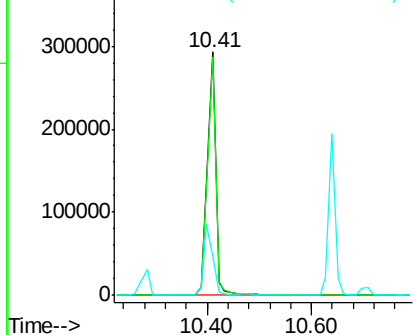
#41
 2,4,6-Tribromophenol
 Concen: 129.45 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	31.6	31.2	46.8

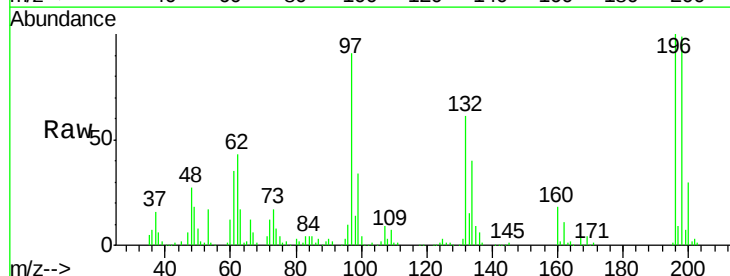


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

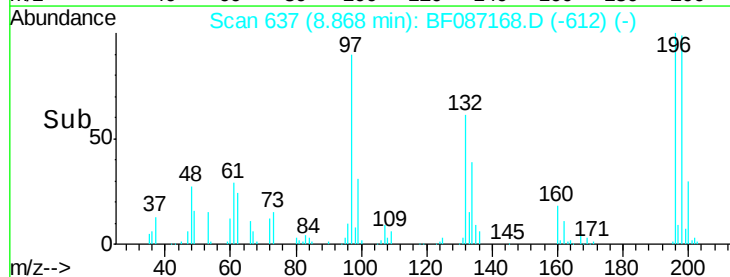
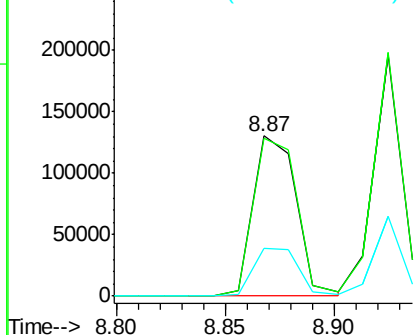


#42
 2,4,6-Trichlorophenol
 Concen: 41.43 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	74.7	112.1
200	30.0	23.8	35.6



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

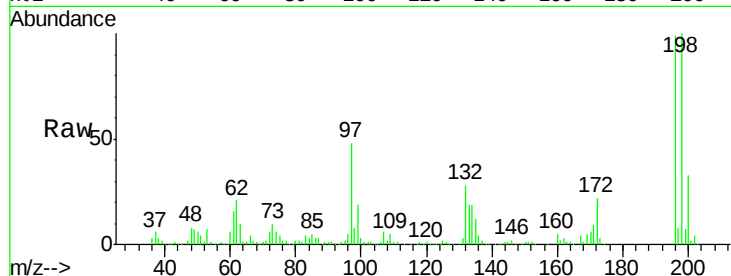




#43
 2,4,5-Trichlorophenol
 Concen: 42.13 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tgt Ion	Resp	Lower	Upper
196	190697		
198	100	77.5	116.3
97	100.9	34.8	52.2
132	28.1	23.0	34.4



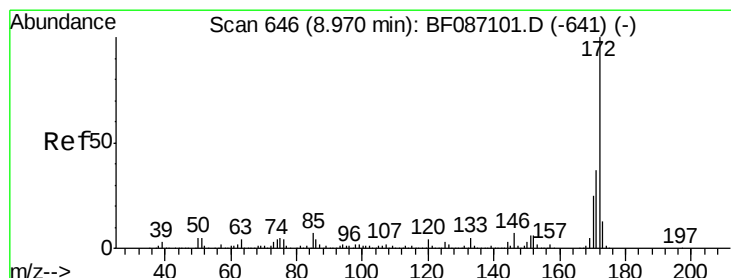
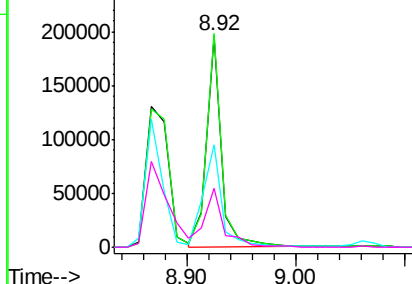
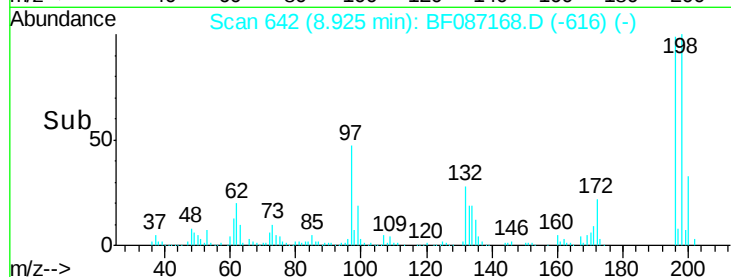
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

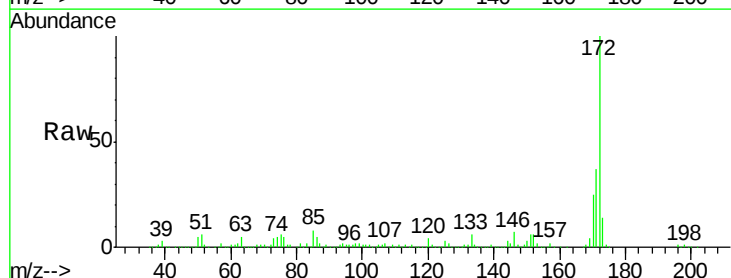
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.31 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion	Resp	Lower	Upper
172	1240498		
171	100	29.0	43.6
170	36.7	19.8	29.8

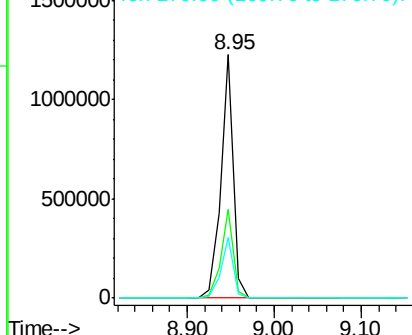
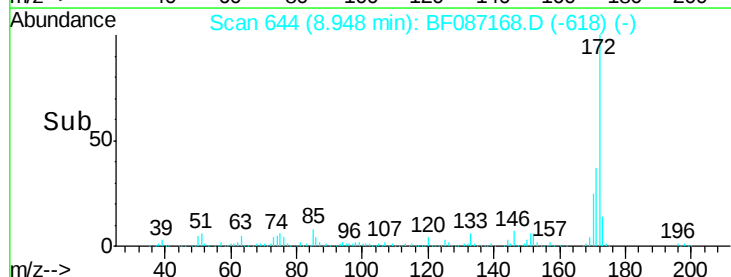


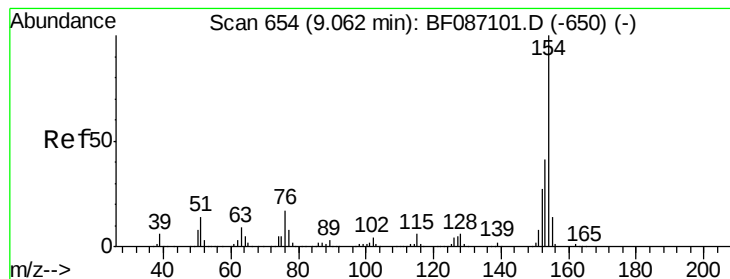
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.09 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

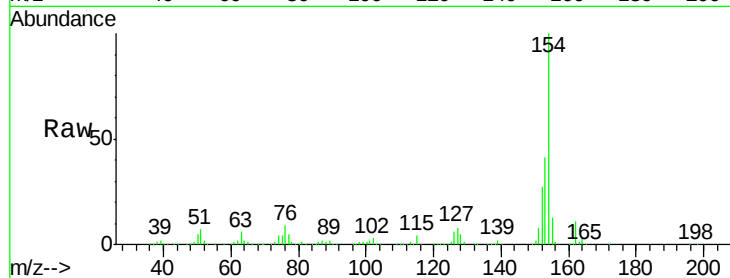
Tgt Ion:154 Resp: 802776

Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

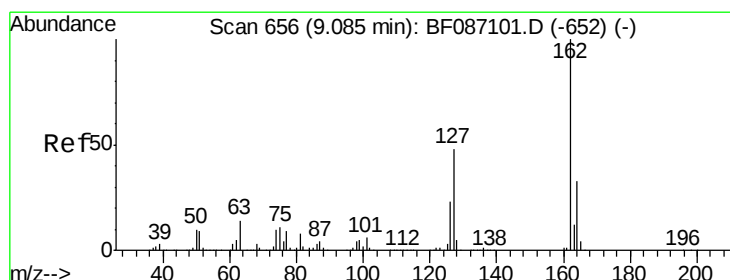
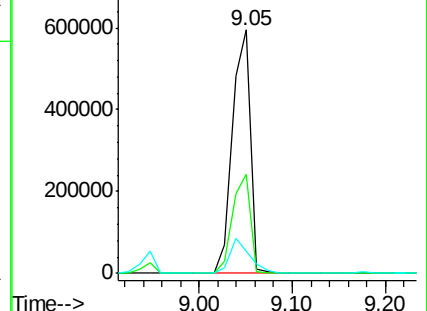
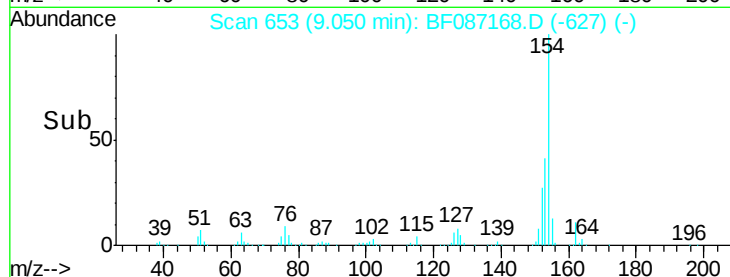
76 9.3 0.0 30.2



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: 40.39 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

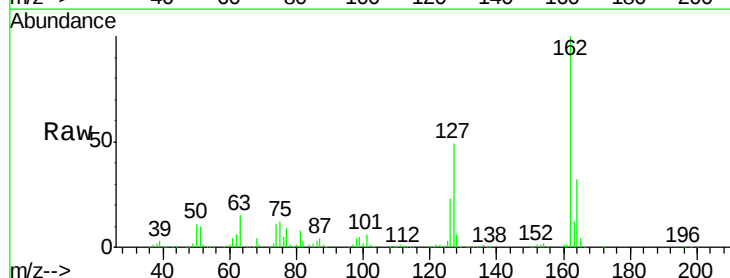
Tgt Ion:162 Resp: 591449

Ion Ratio Lower Upper

162 100

127 48.9 31.8 47.6#

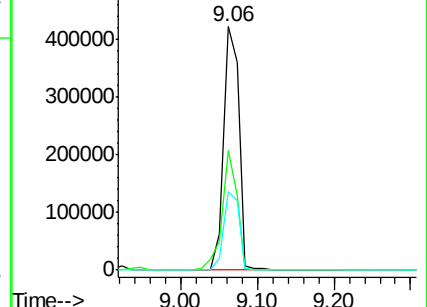
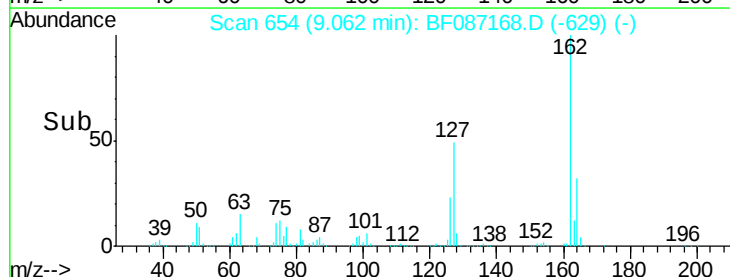
164 32.2 27.0 40.6

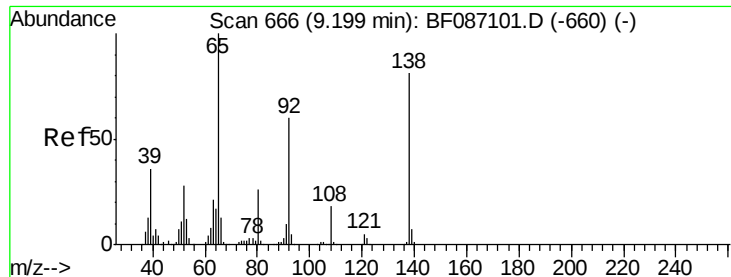


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

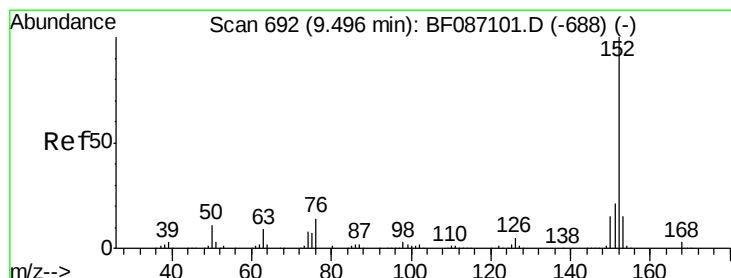
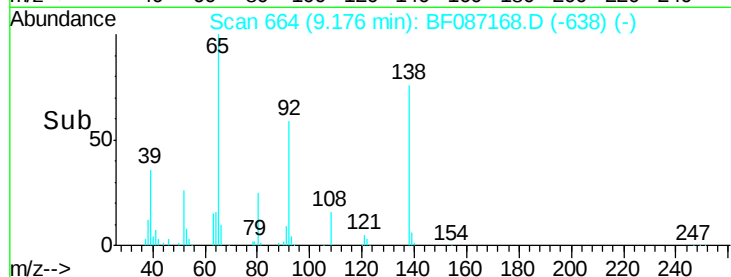
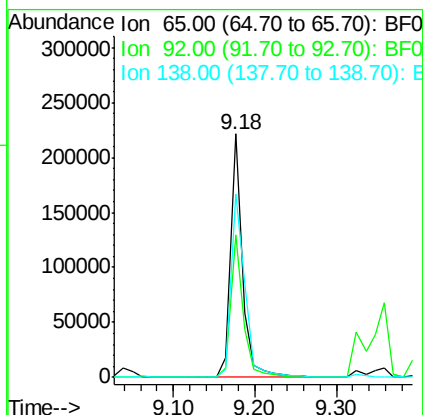
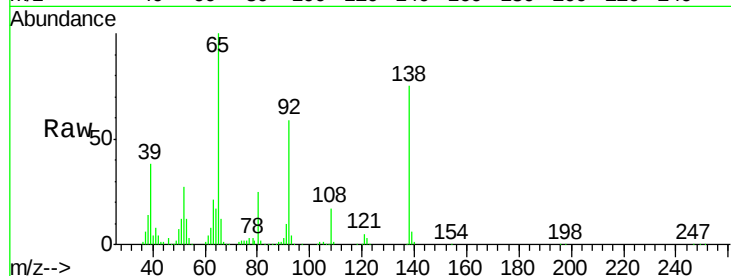




#47
2-Nitroaniline
Concen: 40.11 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

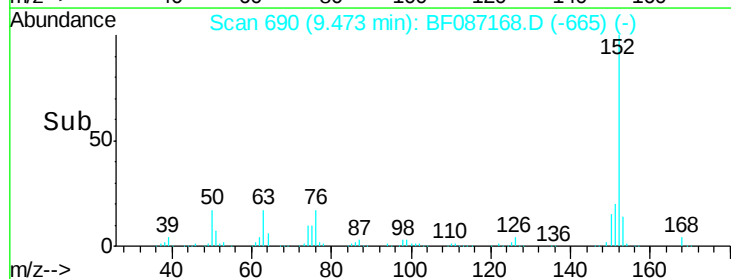
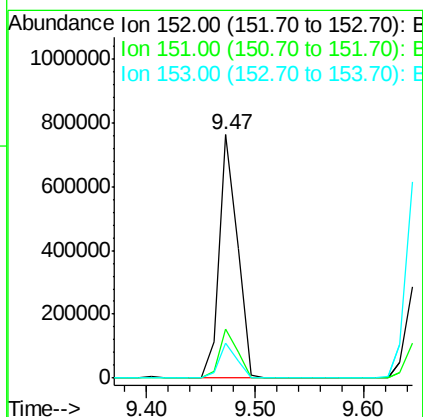
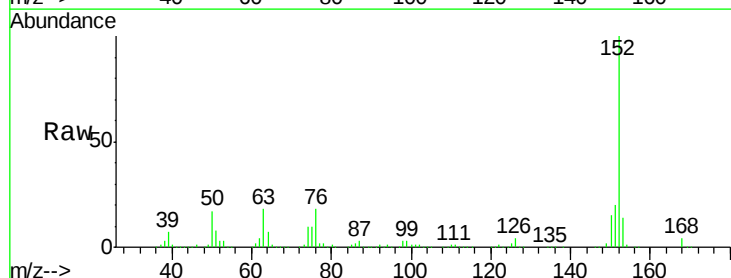
Instrument :
BNA_F
ClientSampleId :
PB90659BS

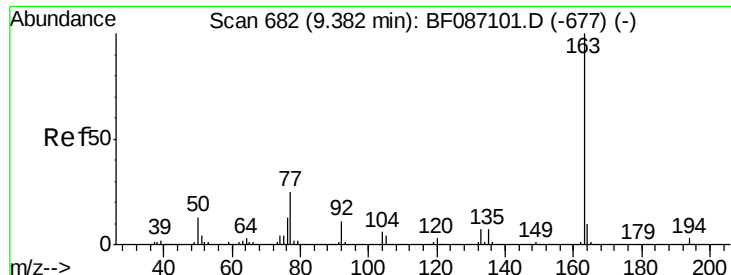
Tgt Ion: 65 Resp: 225056
Ion Ratio Lower Upper
65 100
92 58.6 57.4 86.2
138 75.4 90.1 135.1#



#48
Acenaphthylene
Concen: 40.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion: 152 Resp: 894367
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 14.3 10.9 16.3





#49

Dimethylphthalate

Concen: 43.54 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

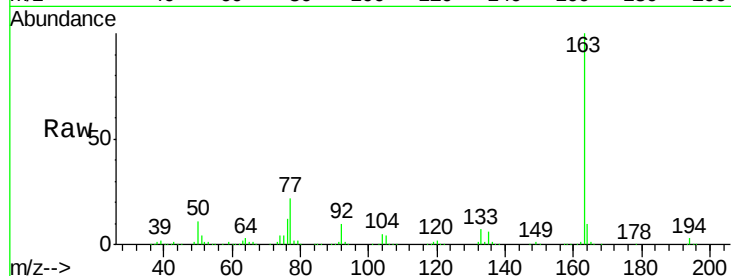
Tgt Ion:163 Resp: 763977

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

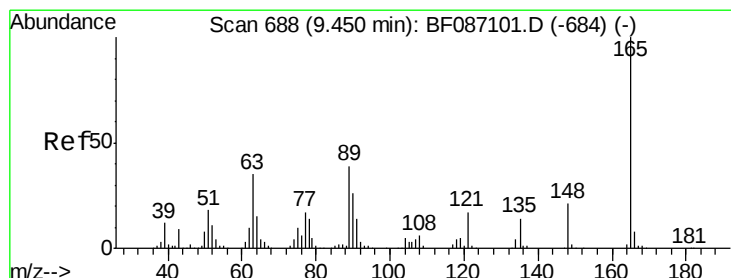
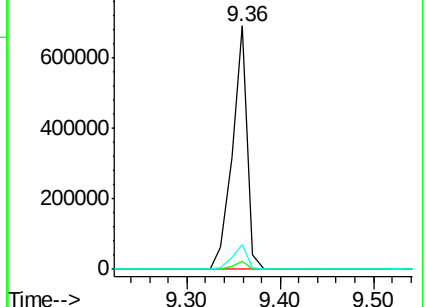
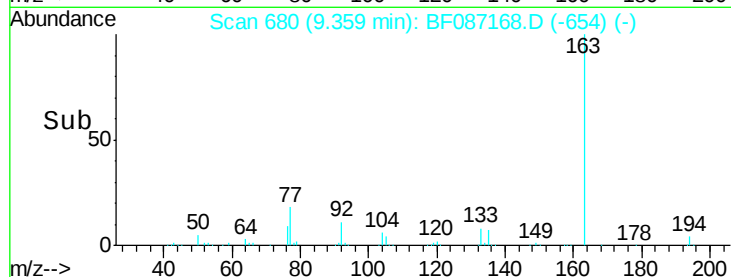
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.13 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

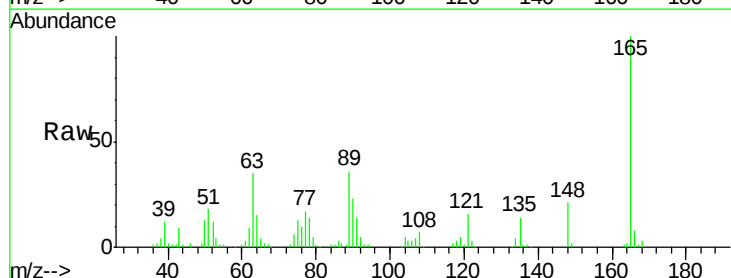
Tgt Ion:165 Resp: 152891

Ion Ratio Lower Upper

165 100

63 35.4 51.8 77.8#

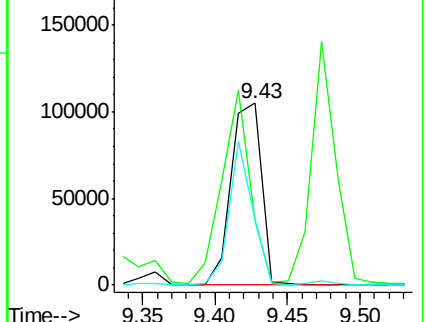
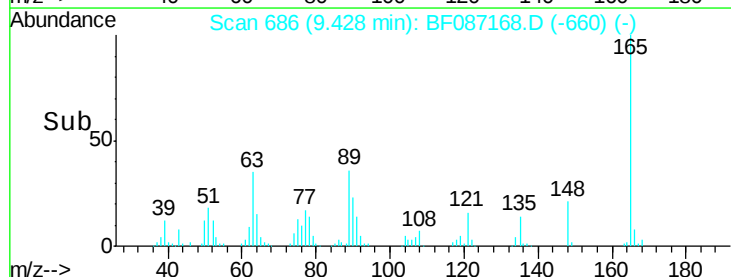
89 36.0 50.7 76.1#

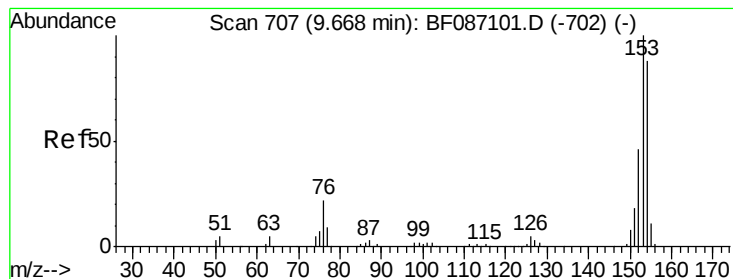


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.28 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

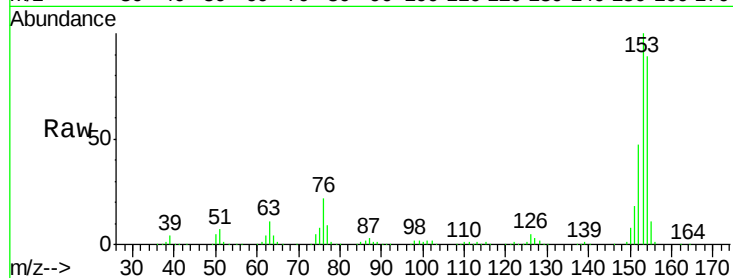
Tgt Ion:154 Resp: 548714

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

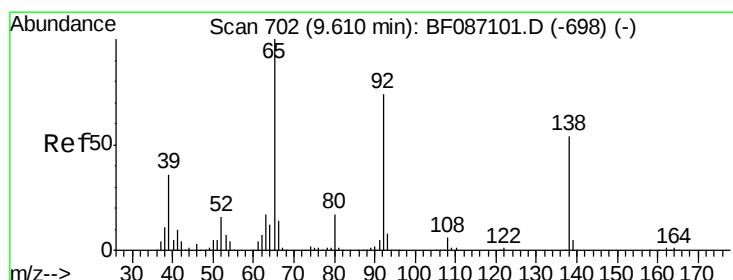
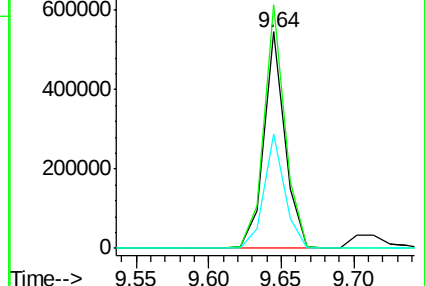
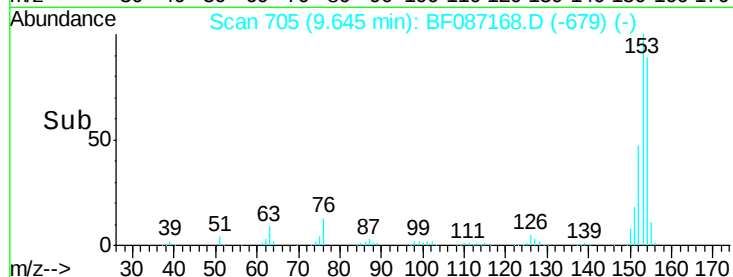
152 52.5 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.29 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

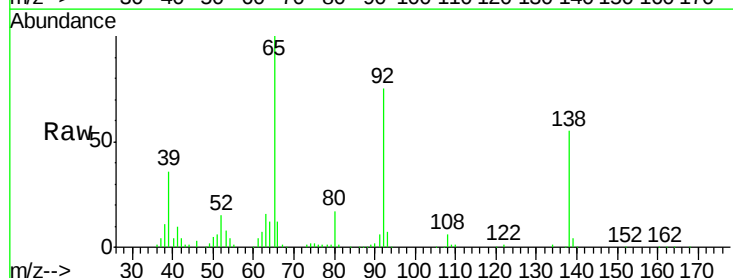
Tgt Ion:138 Resp: 87825

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.6#

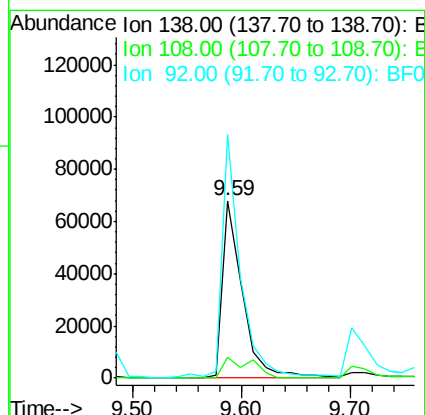
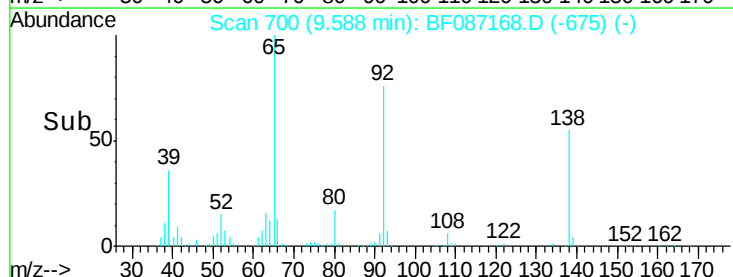
92 137.1 87.8 131.8#

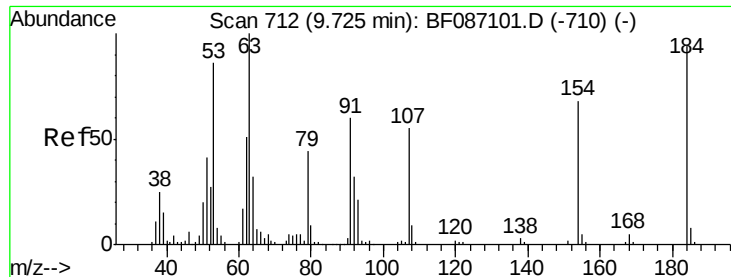


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

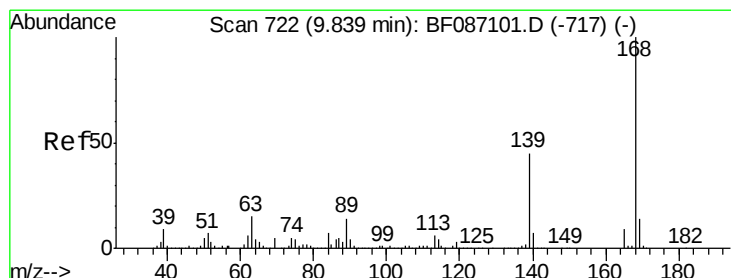
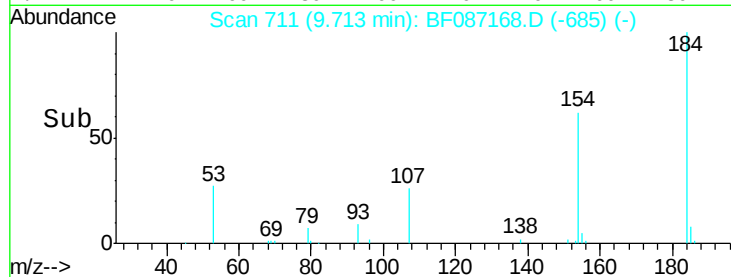
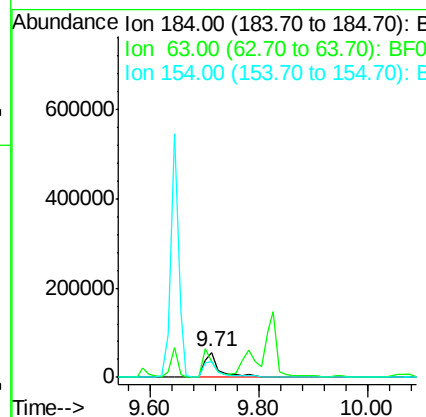
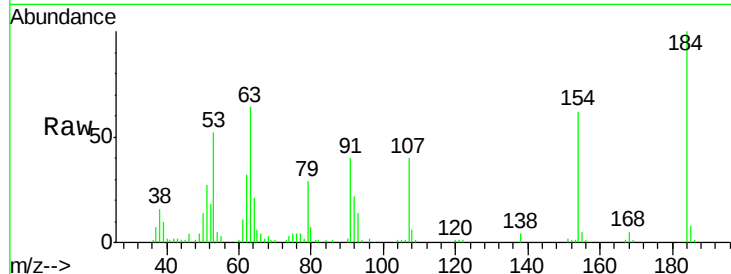




#53
 2,4-Dinitrophenol
 Concen: 52.24 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

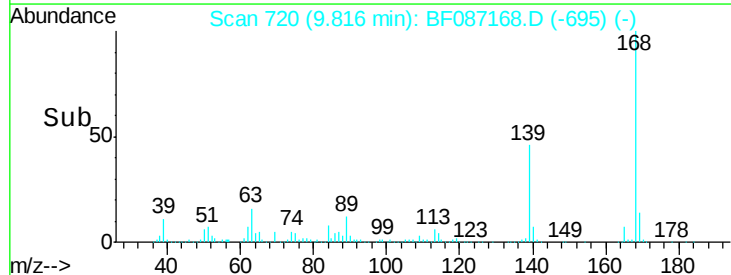
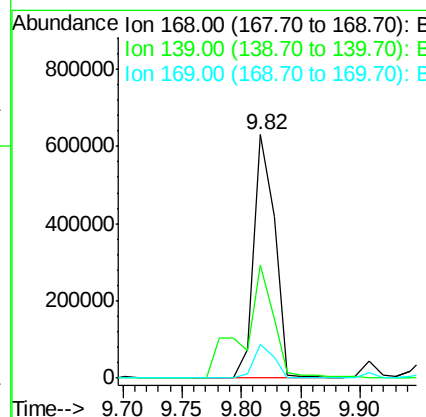
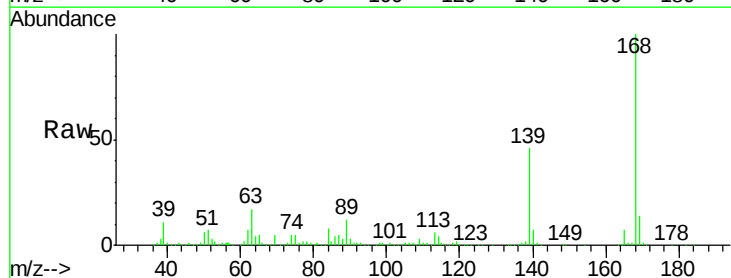
Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

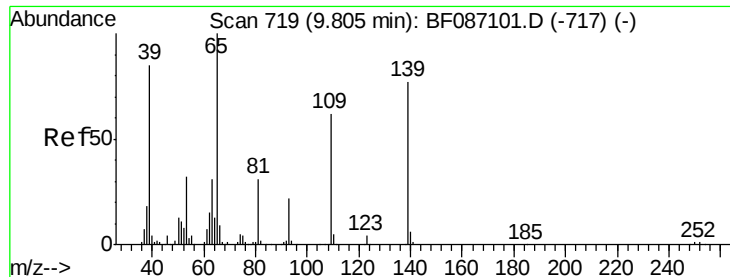
Tgt Ion:184 Resp: 110234
 Ion Ratio Lower Upper
 184 100
 63 63.6 55.8 83.8
 154 62.3 62.4 93.6#



#54
 Dibenzofuran
 Concen: 43.29 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion:168 Resp: 781894
 Ion Ratio Lower Upper
 168 100
 139 46.5 31.4 47.0
 169 14.0 10.7 16.1

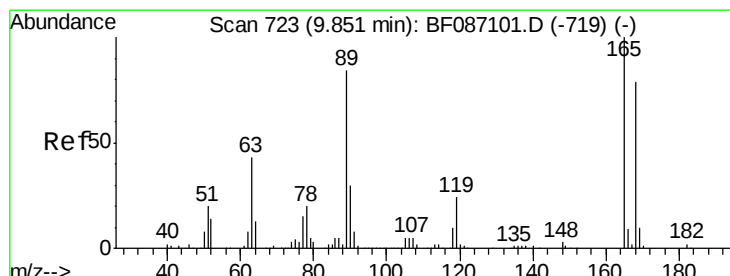
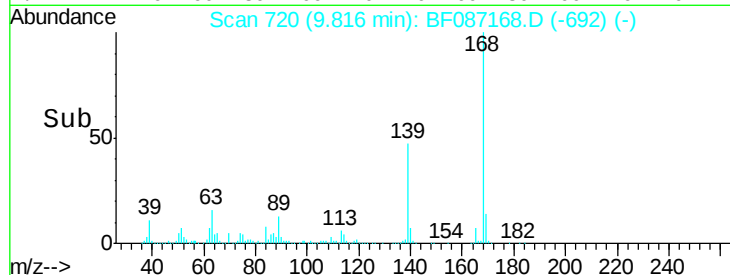
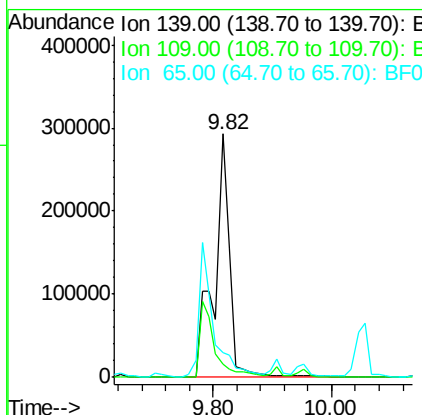
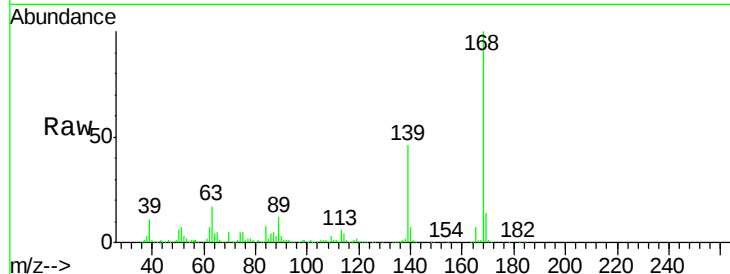




#55
4-Nitrophenol
Concen: 125.44 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.02 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

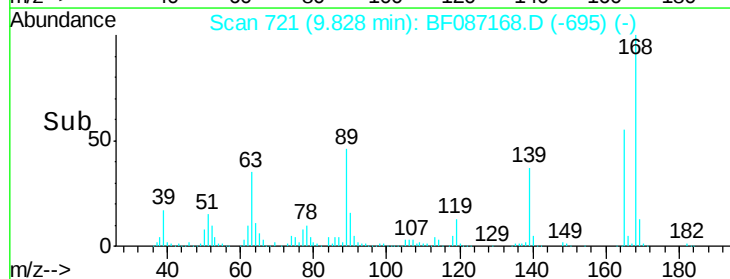
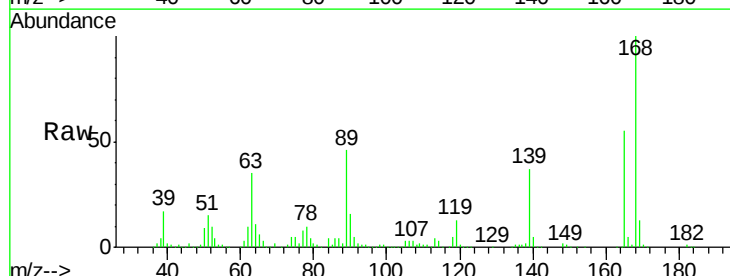
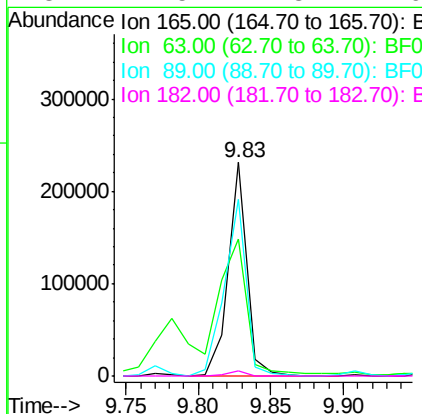
Instrument :
BNA_F
ClientSampleId :
PB90659BS

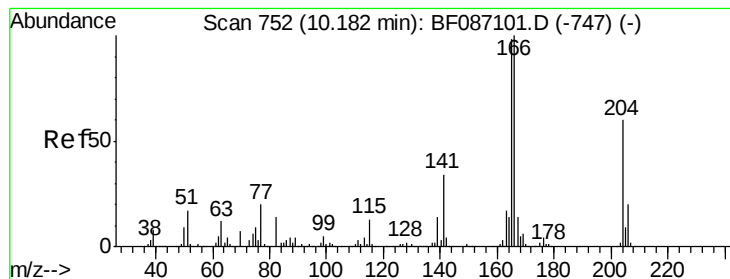
Tgt Ion	Ratio	Lower	Upper
139	100		
109	5.5	36.9	76.9#
65	10.2	64.0	104.0#



#56
2,4-Dinitrotoluene
Concen: 42.52 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.2	44.3	66.5
89	82.7	70.0	105.0
182	2.5	1.8	2.6





#57

Fluorene

Concen: 41.06 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

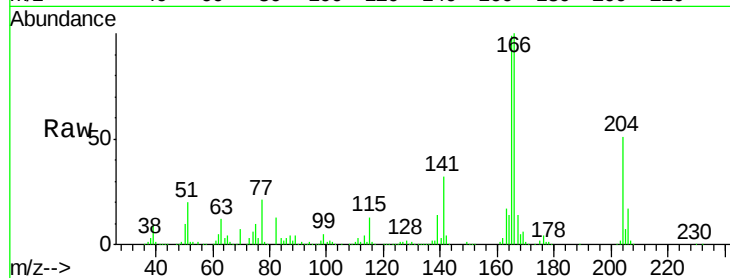
Tgt Ion:166 Resp: 595854

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.6

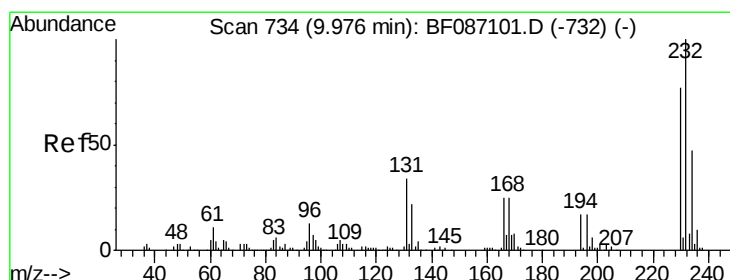
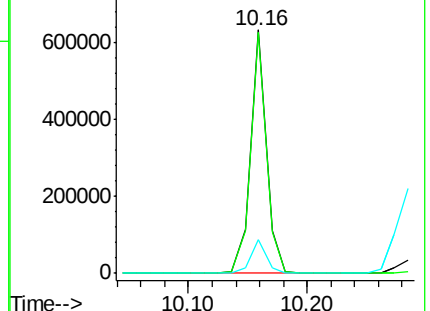
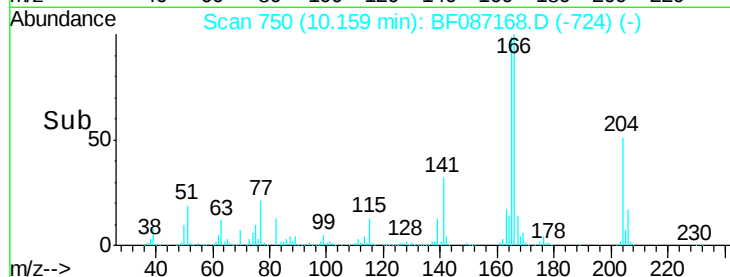
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.00 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion:232 Resp: 165685

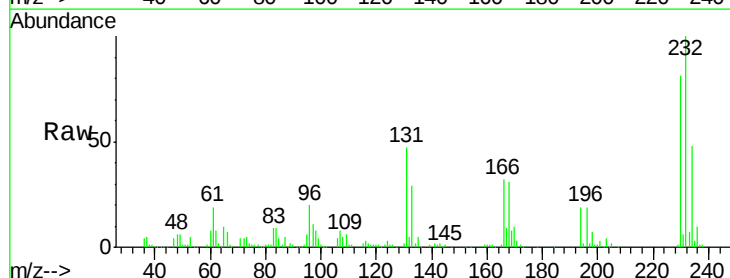
Ion Ratio Lower Upper

232 100

131 50.6 41.9 62.9

130 2.5 2.2 3.4

166 31.2 26.8 40.2

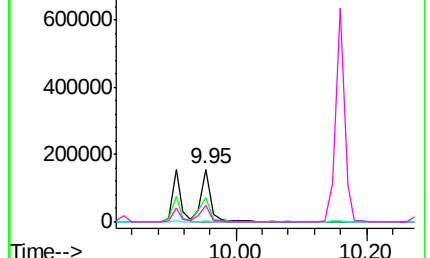
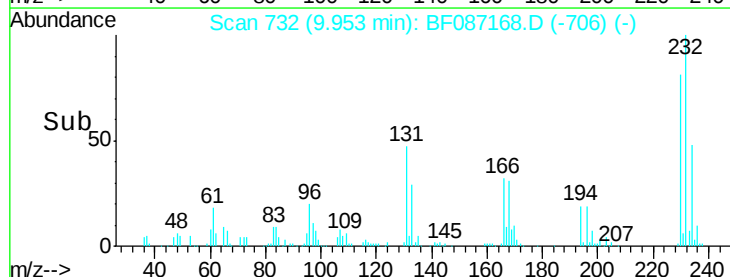


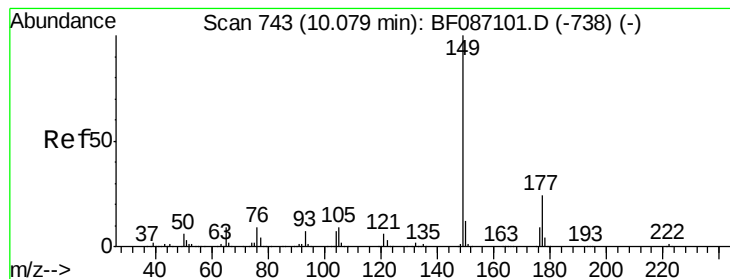
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.19 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

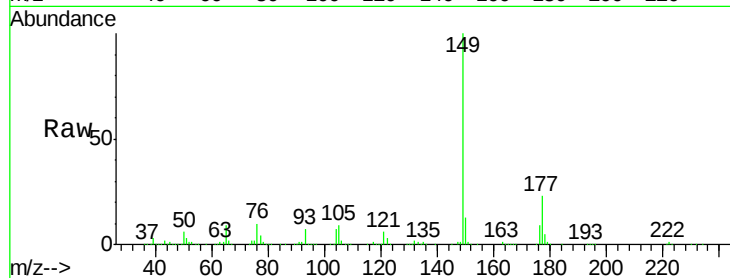
Tgt Ion:149 Resp: 757011

Ion Ratio Lower Upper

149 100

177 23.4 16.6 24.8

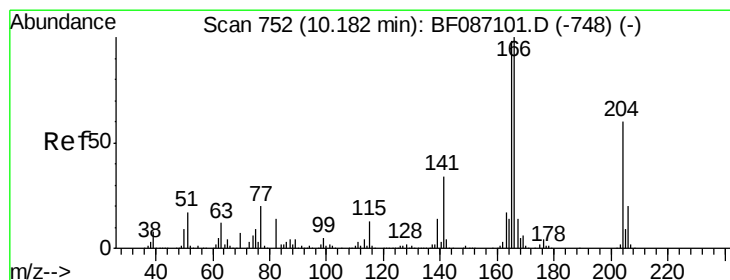
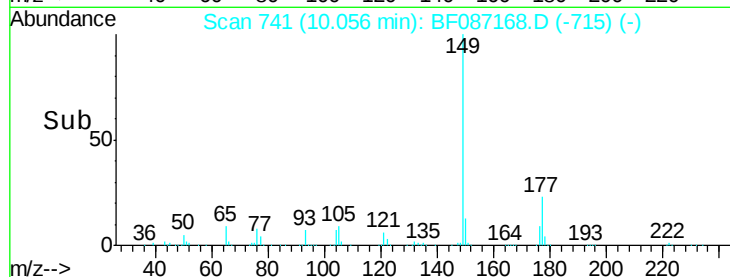
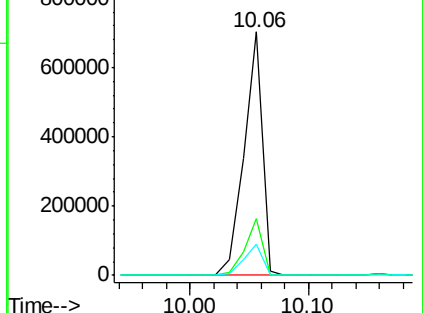
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.80 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

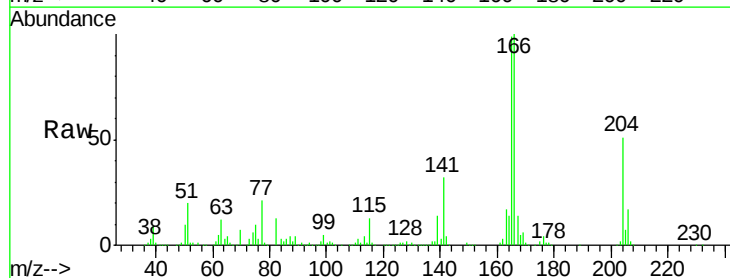
Tgt Ion:204 Resp: 301317

Ion Ratio Lower Upper

204 100

206 33.3 25.4 38.0

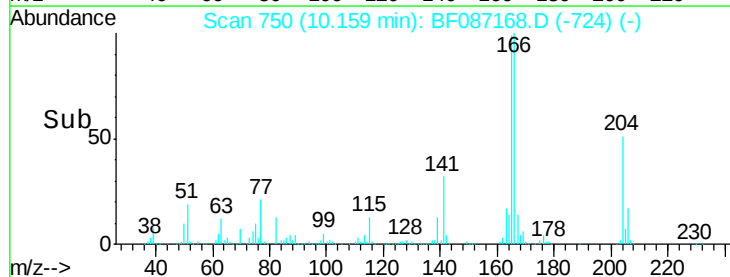
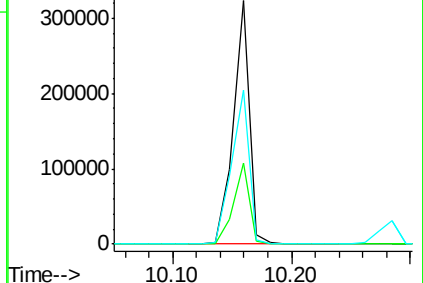
141 63.1 61.6 92.4

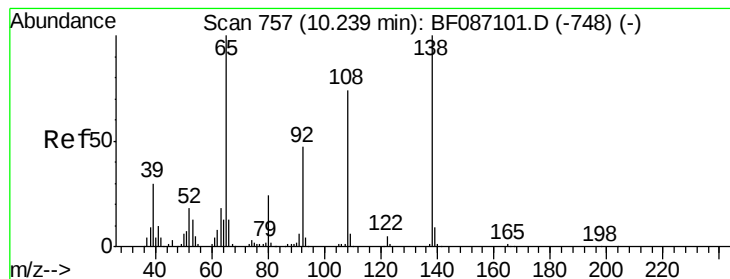


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.44 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

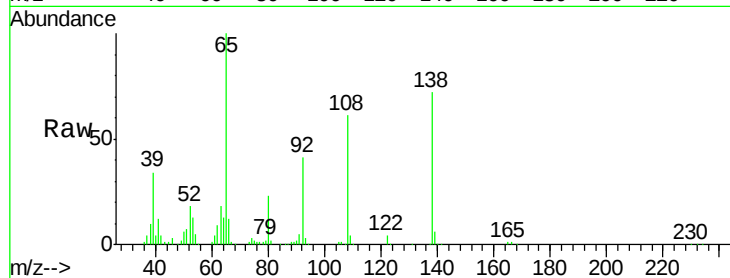
Tgt Ion:138 Resp: 140247

Ion Ratio Lower Upper

138 100

92 56.8 24.7 64.7

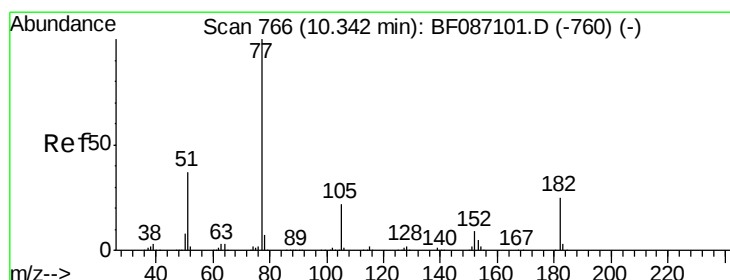
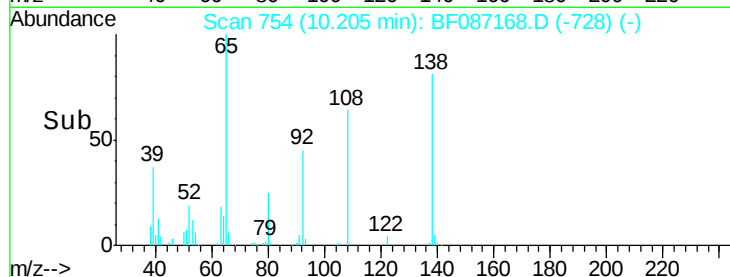
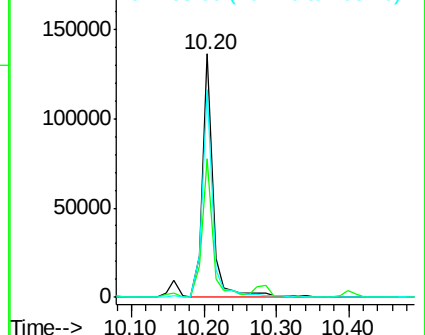
108 85.3 37.4 77.4#



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: 45.59 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Tgt Ion: 77 Resp: 880011

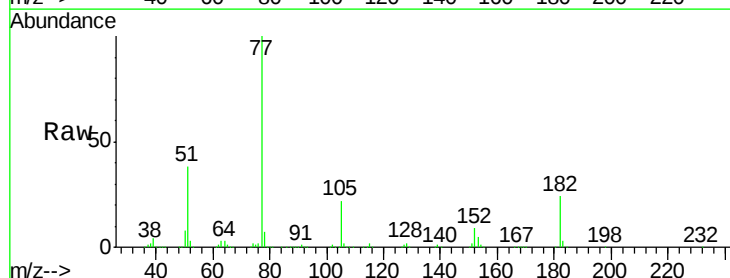
Ion Ratio Lower Upper

77 100

182 24.5 0.0 38.8

105 22.0 3.2 43.2

51 38.1 8.8 48.8

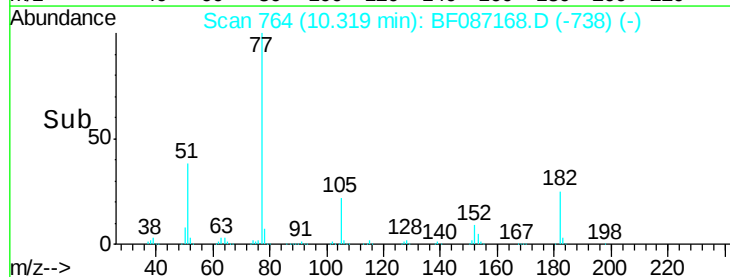
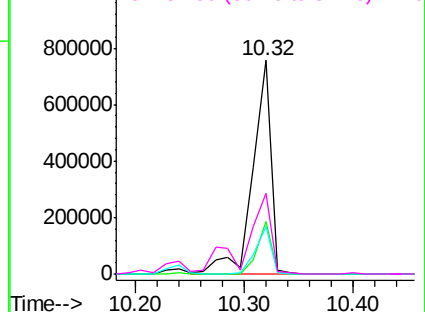


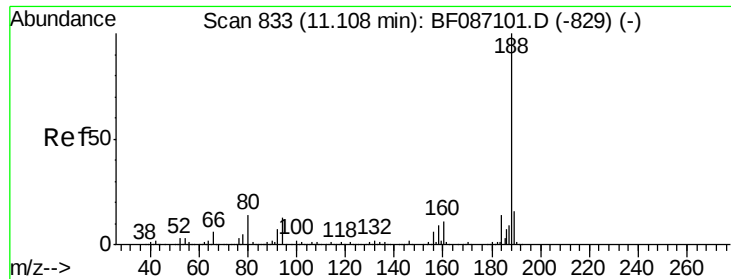
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

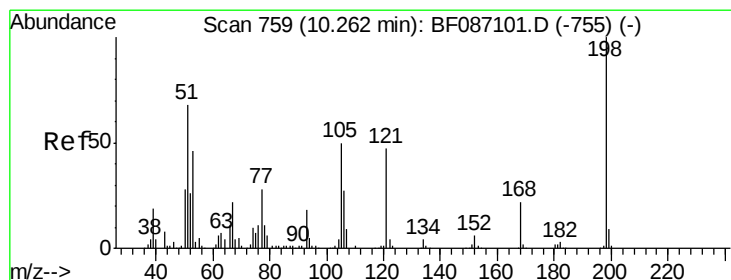
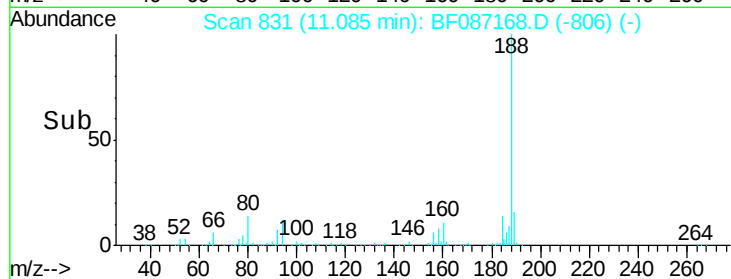
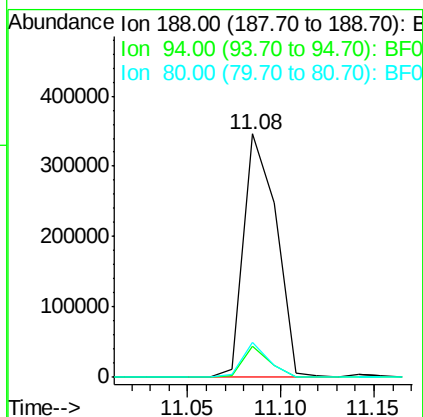
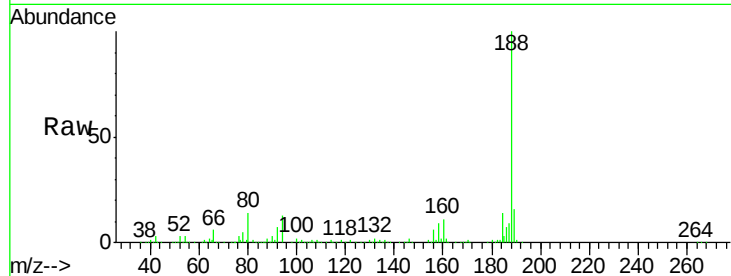




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

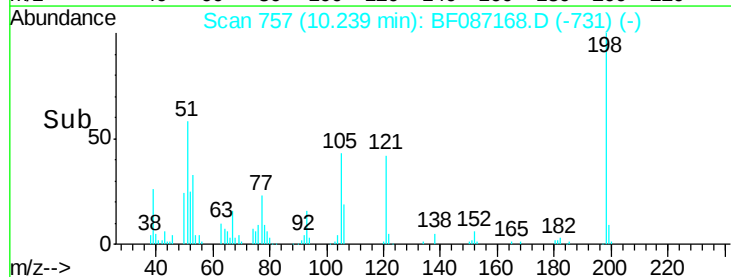
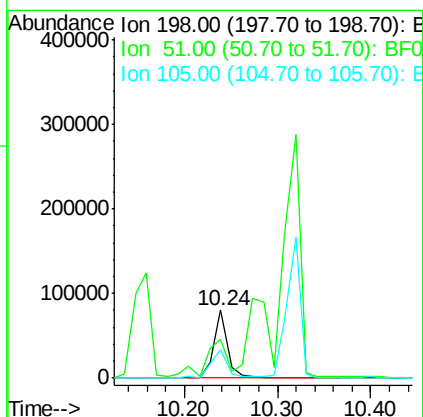
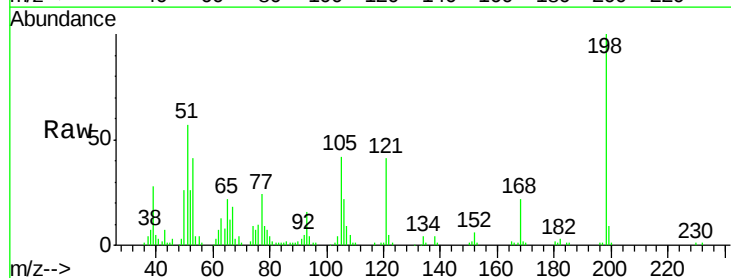
Instrument :
BNA_F
ClientSampleId :
PB90659BS

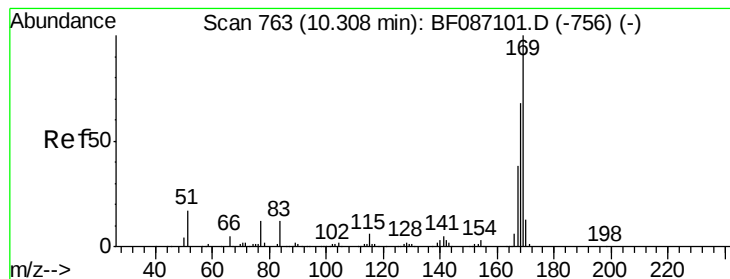
Tgt Ion:188 Resp: 422885
Ion Ratio Lower Upper
188 100
94 12.6 6.8 10.2#
80 14.3 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.70 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion:198 Resp: 82716
Ion Ratio Lower Upper
198 100
51 57.0 20.5 60.5
105 41.8 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 46.96 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

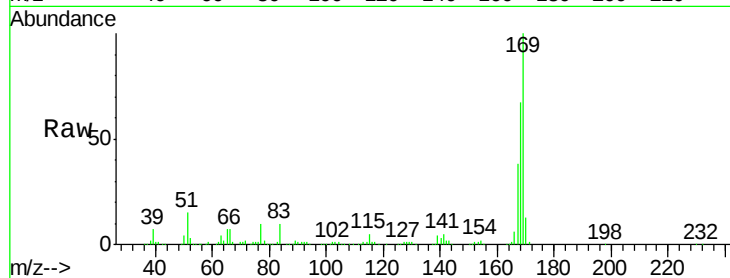
Tgt Ion:169 Resp: 624923

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

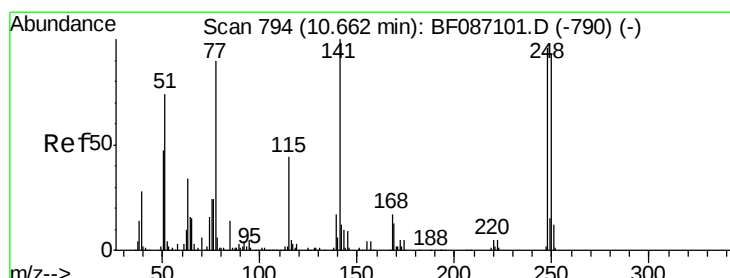
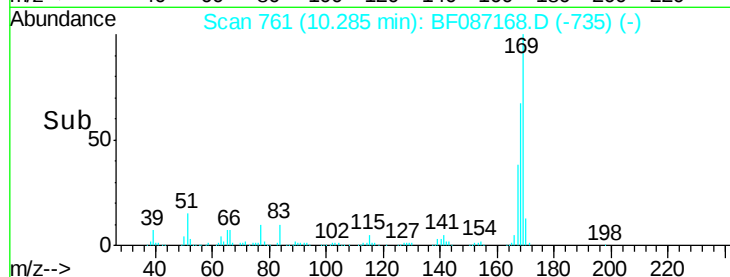
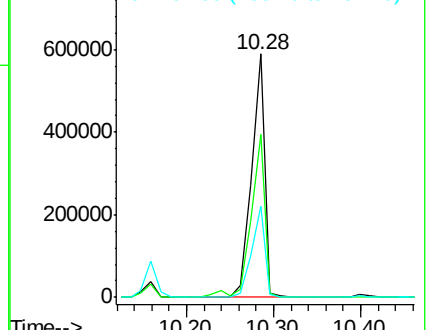
167 37.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.18 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

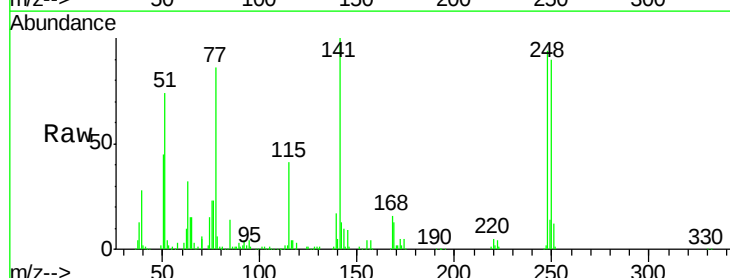
Tgt Ion:248 Resp: 174738

Ion Ratio Lower Upper

248 100

250 96.5 78.6 117.8

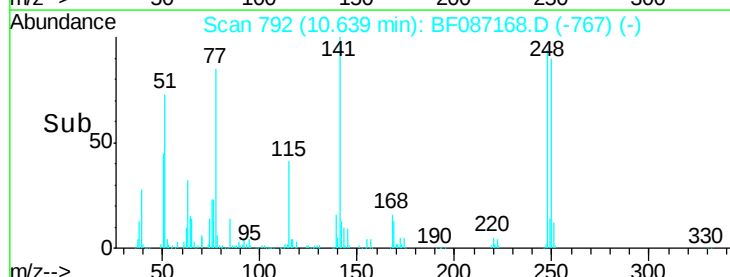
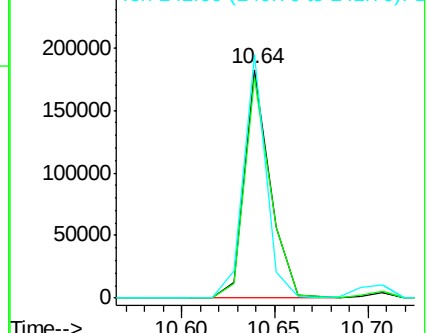
141 106.7 76.0 114.0

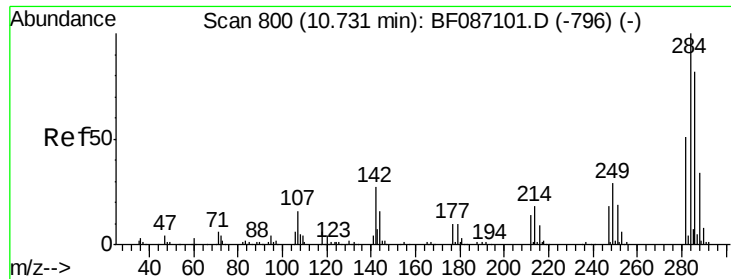


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

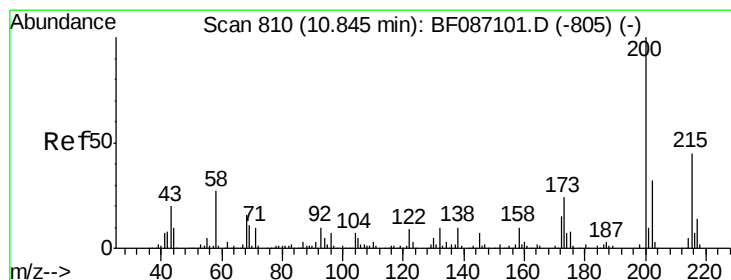
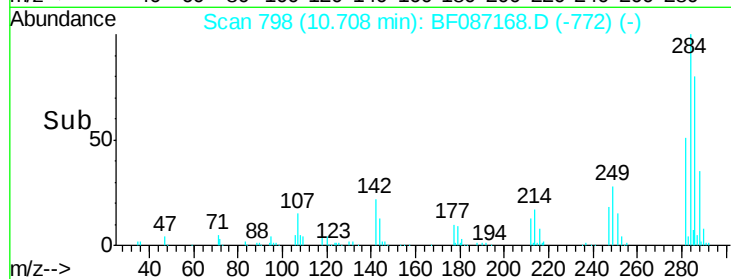
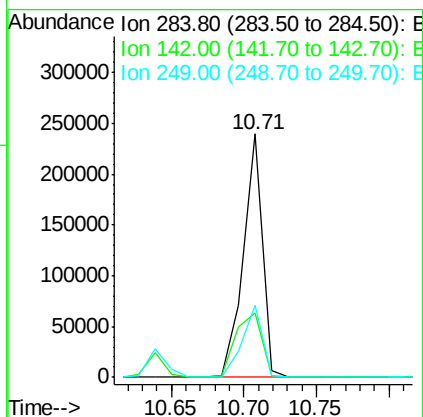
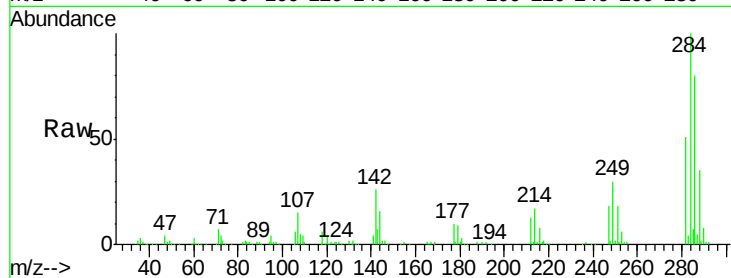




#67
Hexachlorobenzene
Concen: 43.69 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

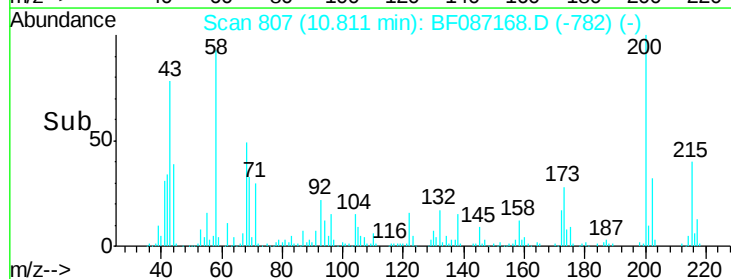
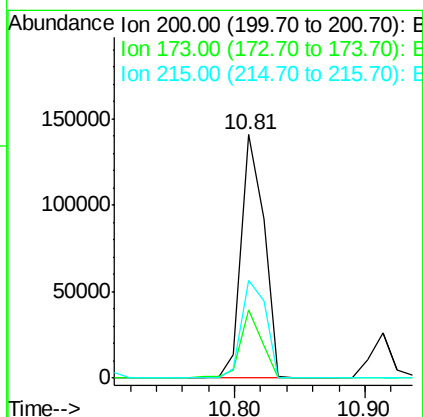
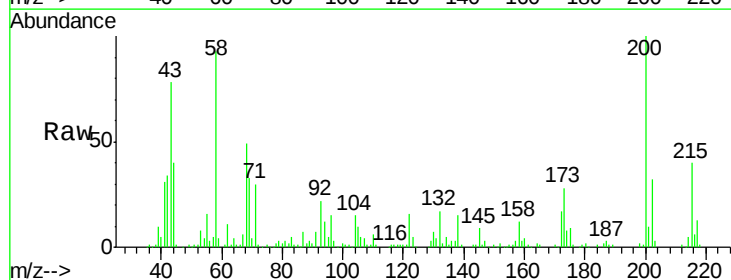
Instrument :
BNA_F
ClientSampleId :
PB90659BS

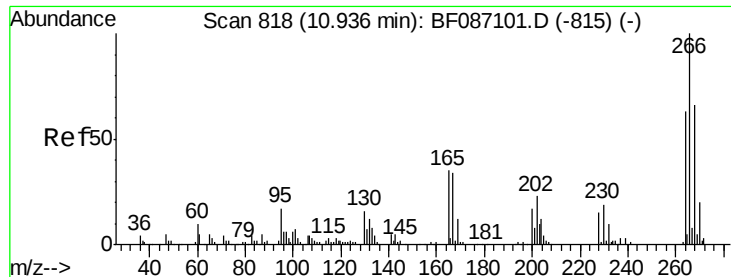
Tgt Ion: 284 Resp: 220294
Ion Ratio Lower Upper
284 100
142 26.4 16.7 25.1#
249 29.7 21.3 31.9



#68
Atrazine
Concen: 39.38 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion: 200 Resp: 170960
Ion Ratio Lower Upper
200 100
173 28.1 8.5 48.5
215 40.1 27.2 67.2

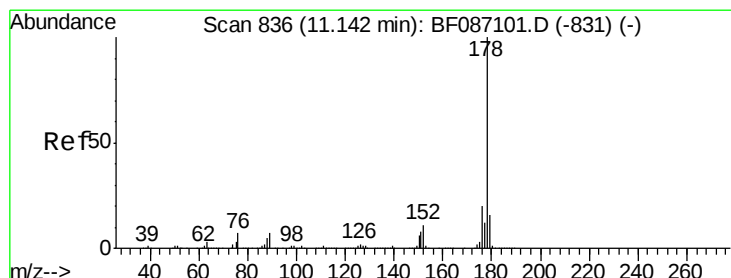
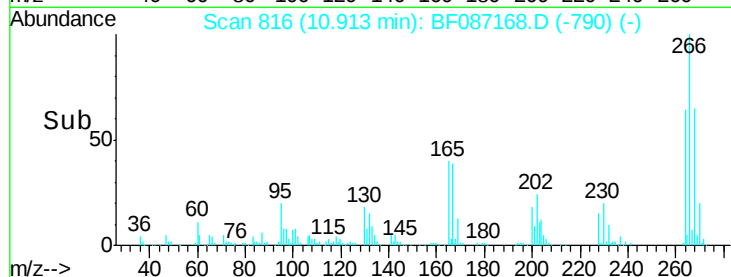
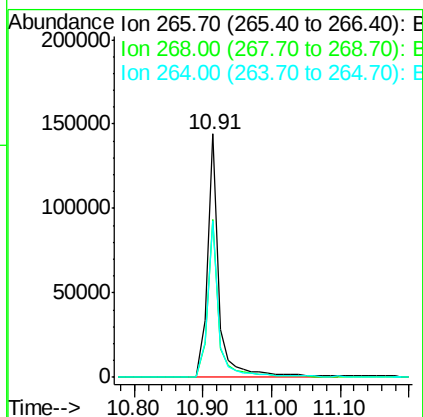
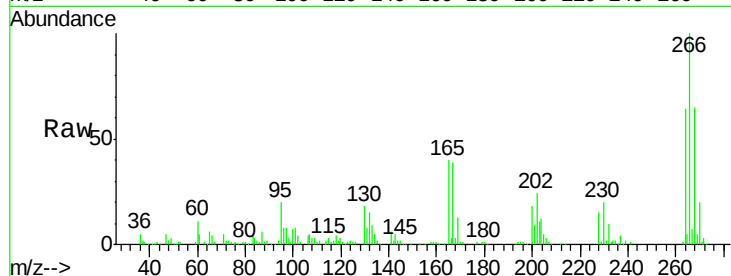




#69
 Pentachlorophenol
 Concen: 89.87 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

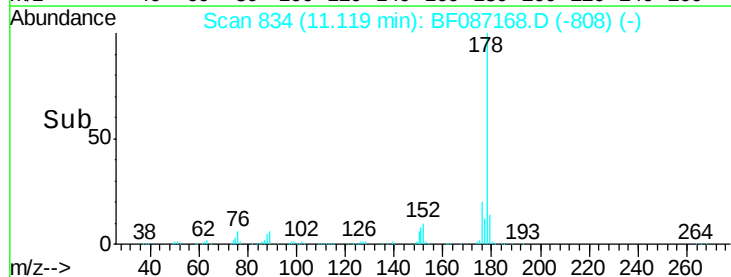
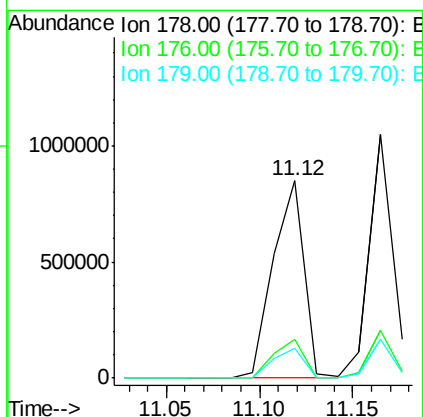
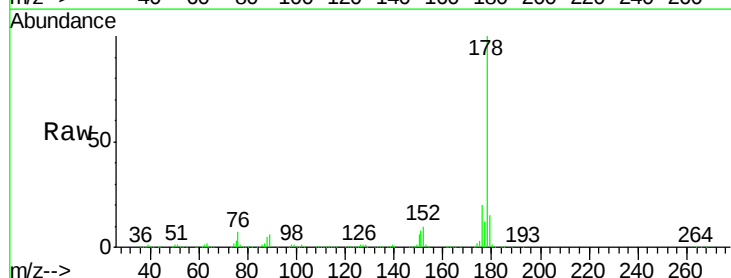
Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

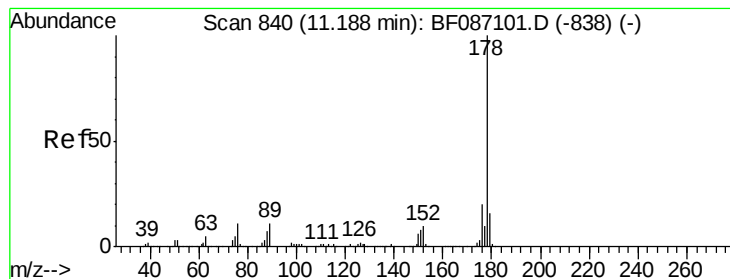
Tgt Ion: 266 Resp: 170210
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.5 77.3
 264 64.1 52.9 79.3



#70
 Phenanthrene
 Concen: 42.72 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion: 178 Resp: 979711
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.2 12.6 18.8





#71

Anthracene

Concen: 40.16 ng

RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

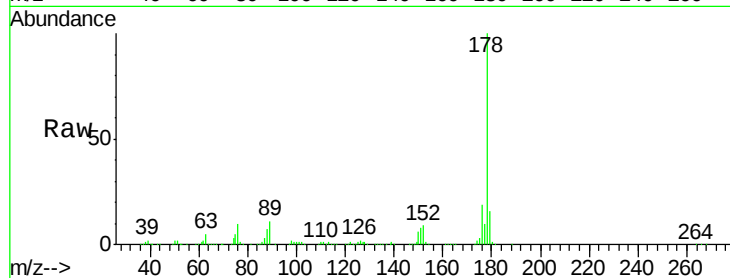
Tgt Ion:178 Resp: 931591

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

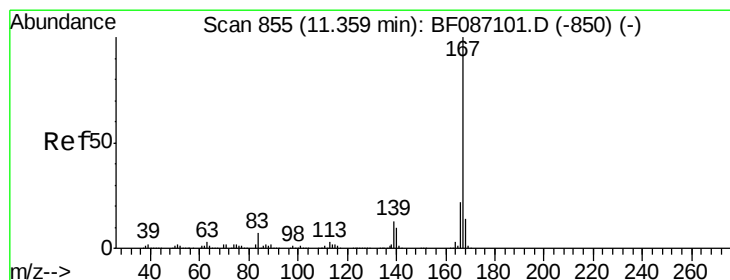
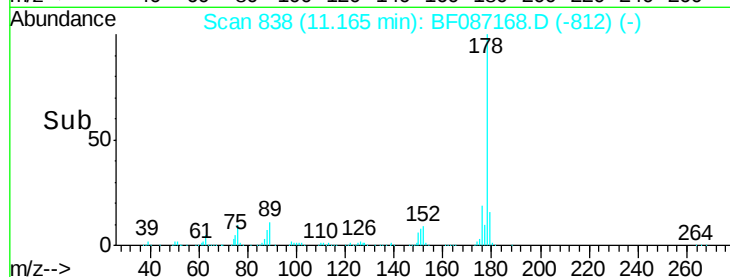
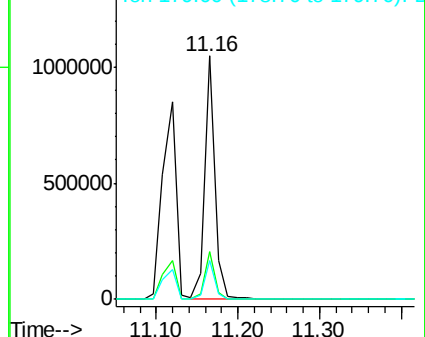
179 15.9 12.7 19.1



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: 41.33 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

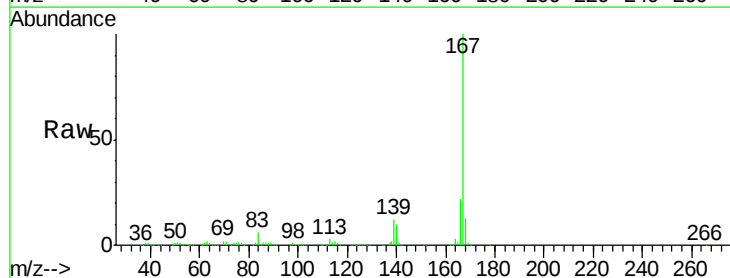
Tgt Ion:167 Resp: 875907

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

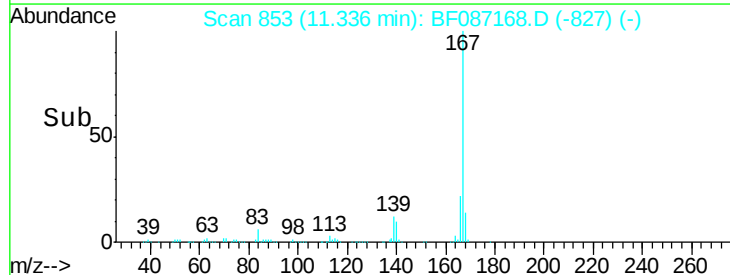
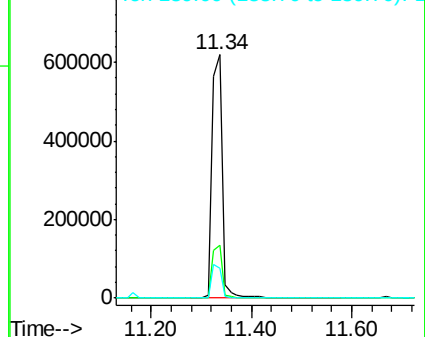
139 12.2 10.8 16.2

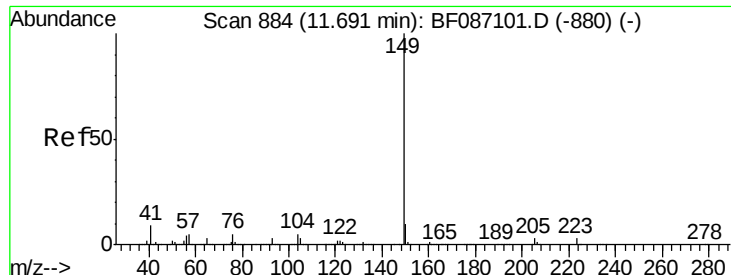


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.45 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

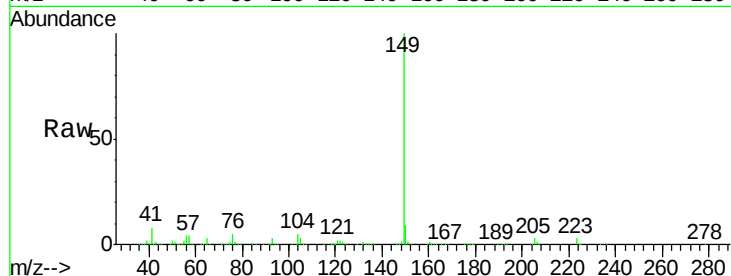
Tgt Ion:149 Resp: 1130539

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

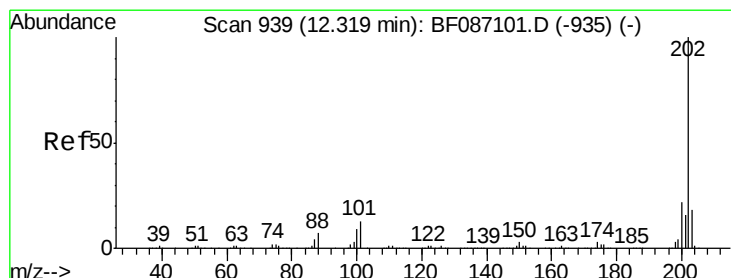
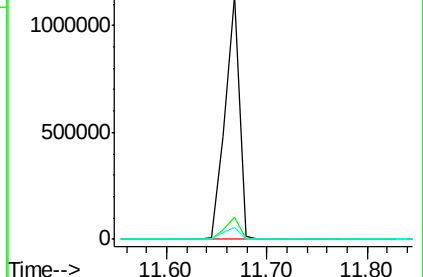
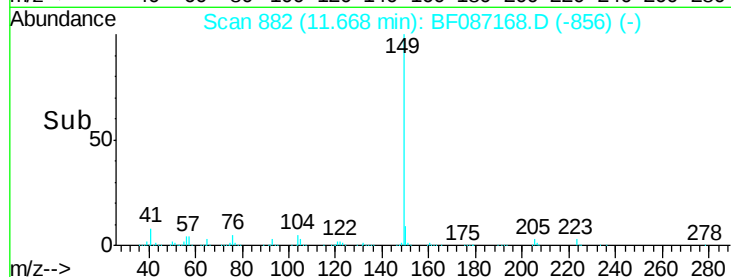
104 5.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.44 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

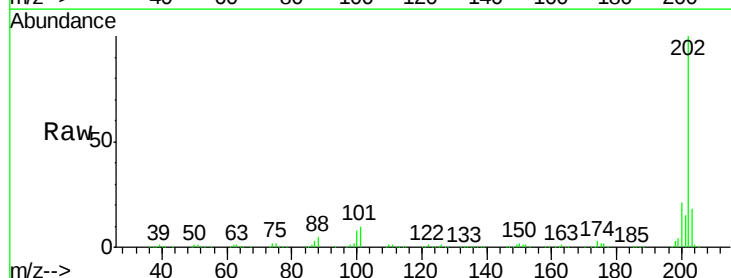
Tgt Ion:202 Resp: 929281

Ion Ratio Lower Upper

202 100

101 10.3 0.0 35.4

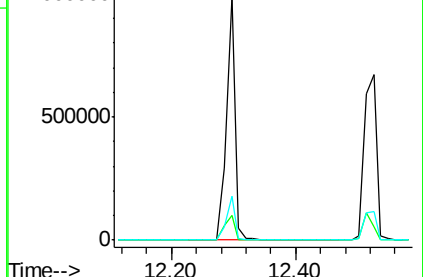
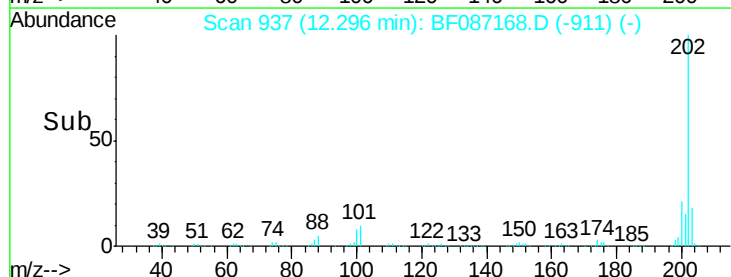
203 17.8 0.0 38.1

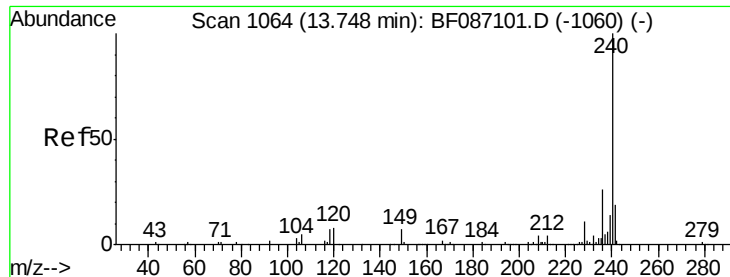


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

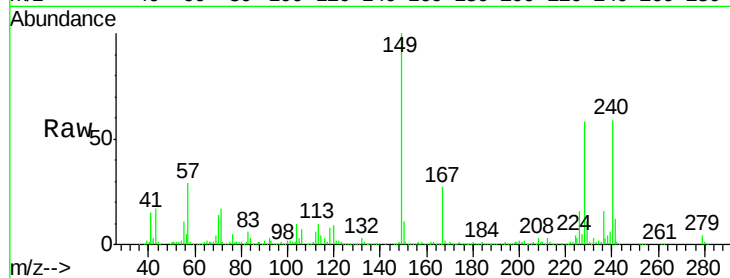
Tgt Ion:240 Resp: 275977

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

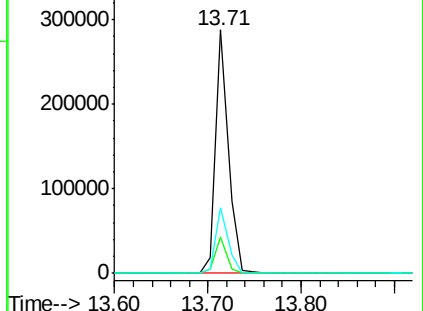
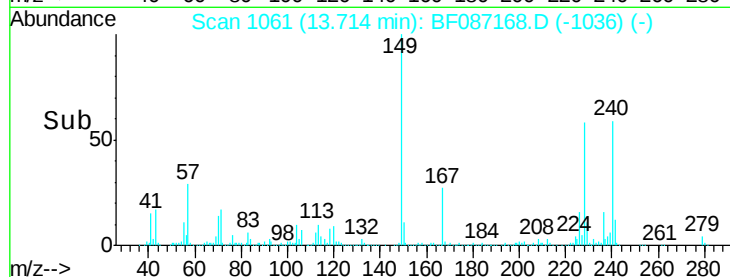
236 27.2 21.2 31.8



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: 34.73 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

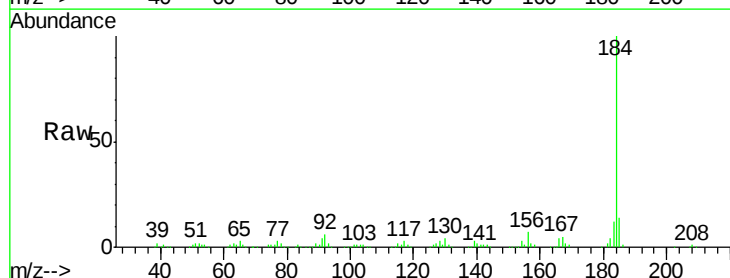
Tgt Ion:184 Resp: 282008

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

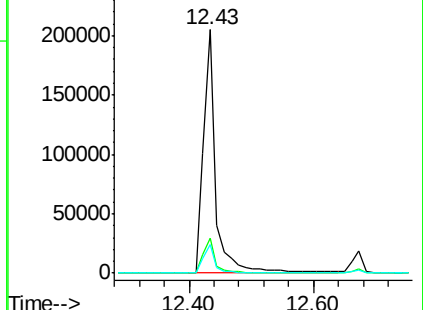
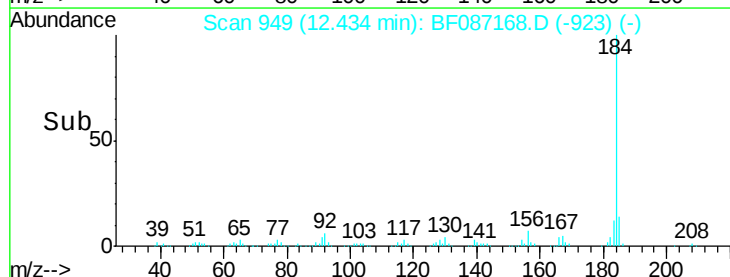
183 11.6 9.8 14.6

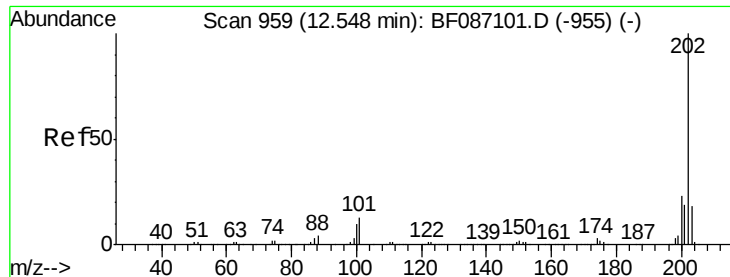


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

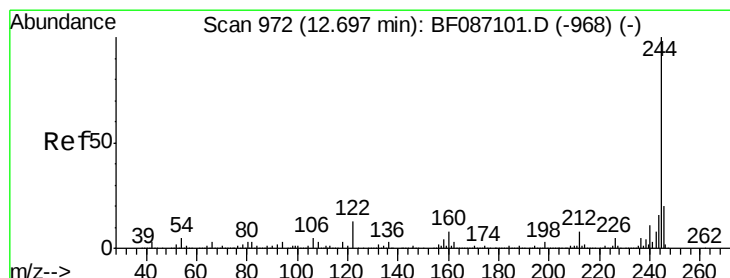
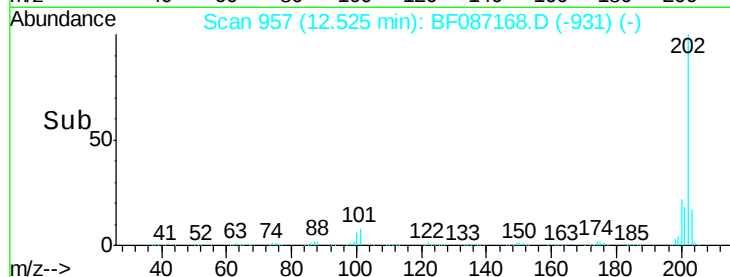
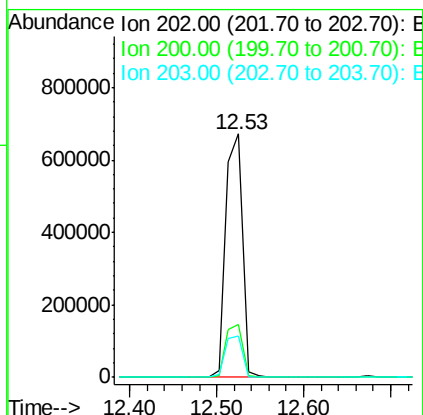
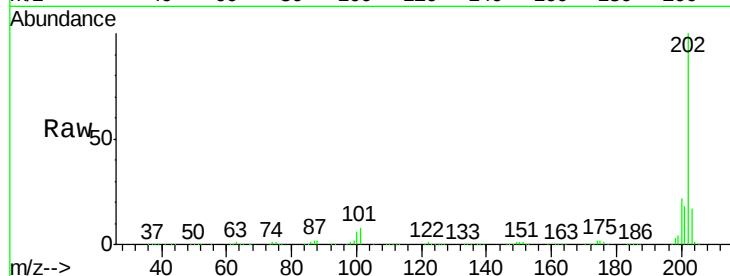




#77
 Pyrene
 Concen: 45.23 ng
 RT: 12.53 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

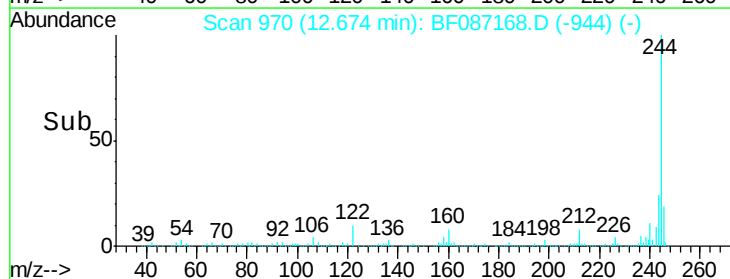
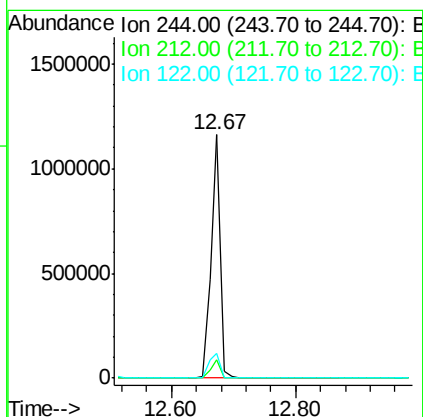
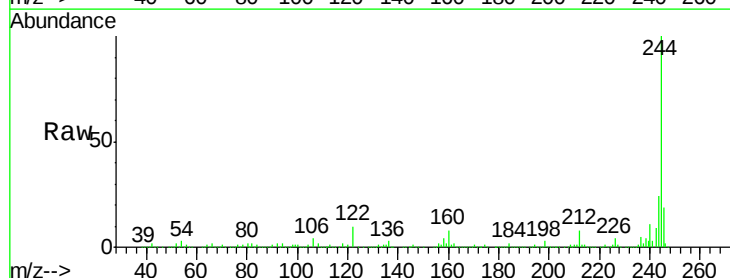
Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tgt Ion: 202 Resp: 901700
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 17.1 14.2 21.4



#78
 Terphenyl-d14
 Concen: 95.61 ng
 RT: 12.67 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion: 244 Resp: 1166487
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.4 12.0 18.0#

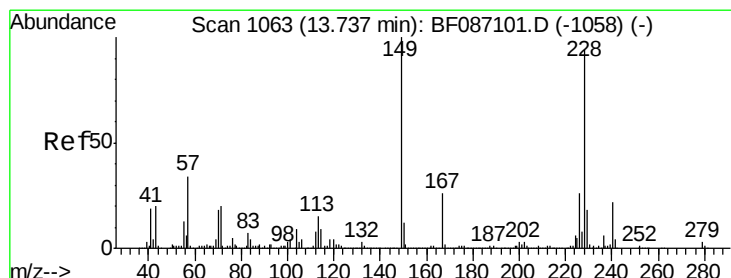
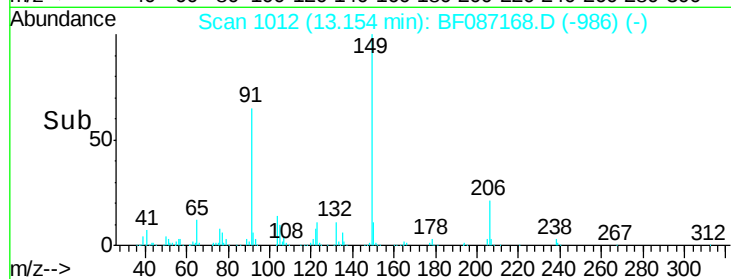
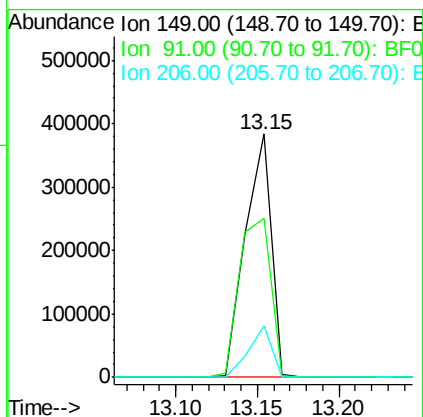
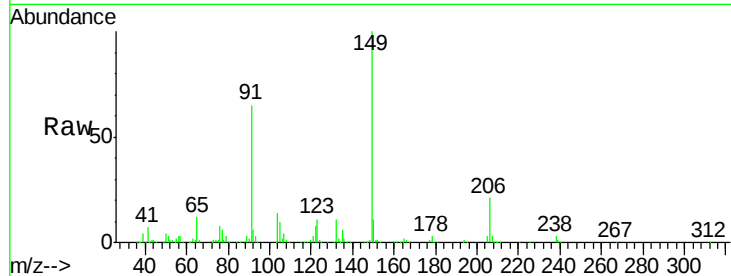




#79
Butylbenzylphthalate
Concen: 50.48 ng
RT: 13.15 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

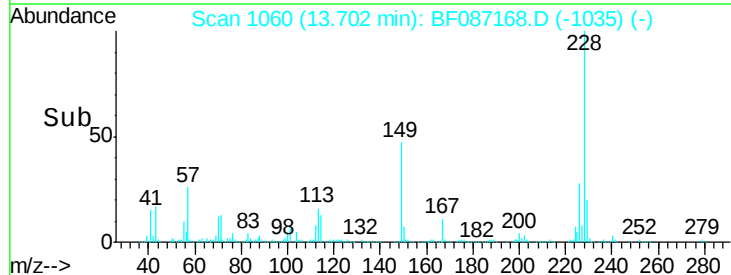
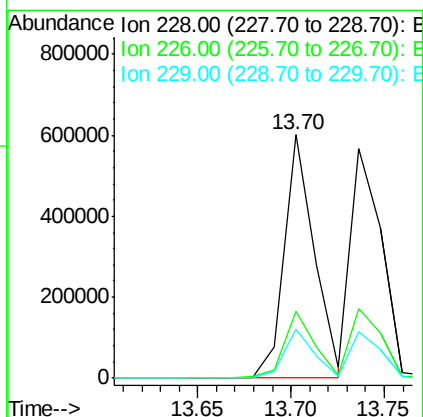
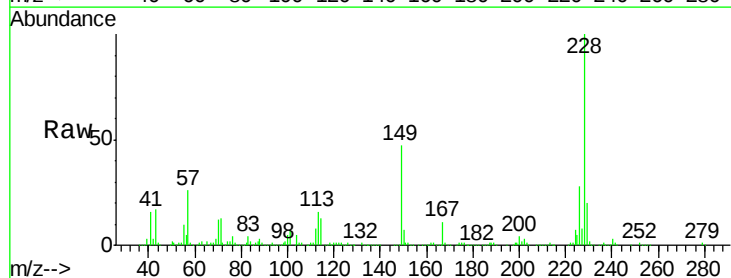
Instrument :
BNA_F
ClientSampleId :
PB90659BS

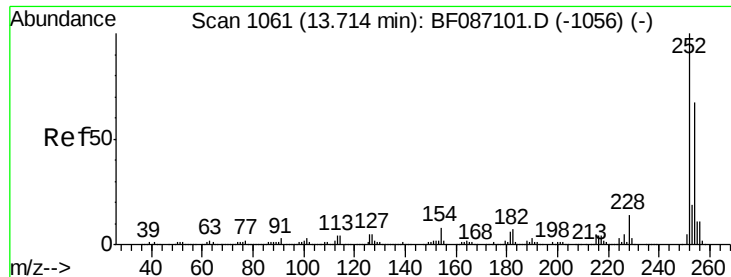
Tgt Ion:149 Resp: 424889
Ion Ratio Lower Upper
149 100
91 65.4 48.0 72.0
206 21.4 15.8 23.6



#80
Benzo(a)anthracene
Concen: 42.38 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion:228 Resp: 676254
Ion Ratio Lower Upper
228 100
226 27.8 22.5 33.7
229 20.1 16.6 25.0

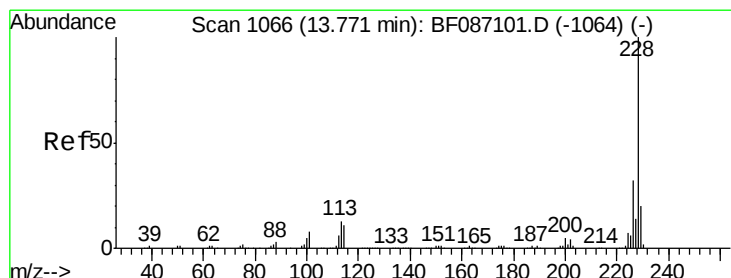
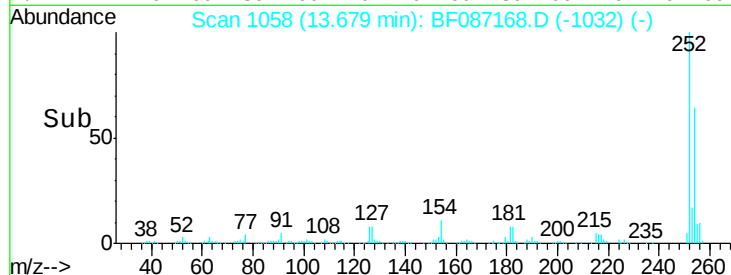
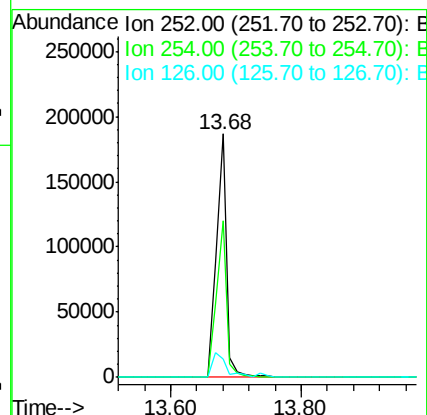
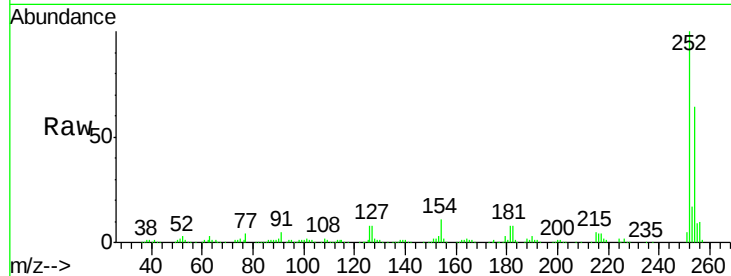




#81
 3,3'-Dichlorobenzidine
 Concen: 20.55 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

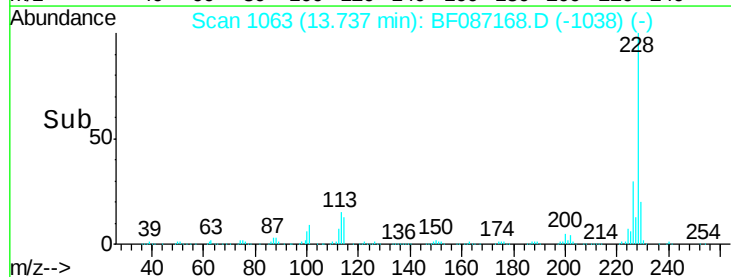
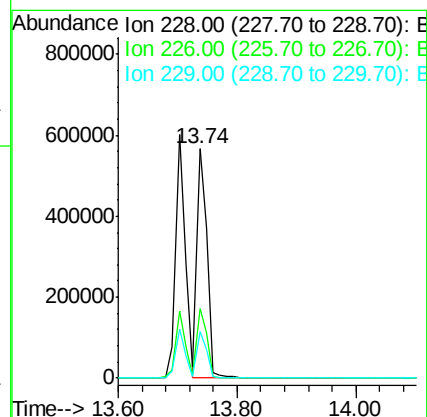
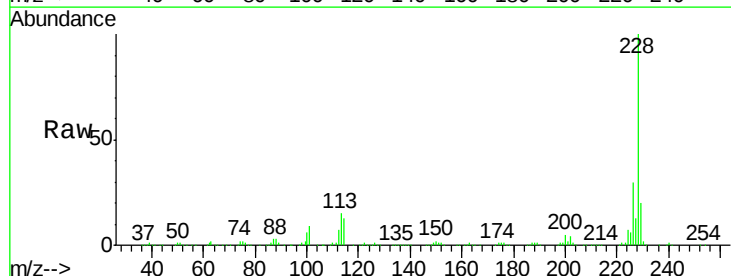
Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

Tgt Ion: 252 Resp: 208630
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 7.5 12.7 19.1#



#82
 Chrysene
 Concen: 43.42 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion: 228 Resp: 670296
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.2 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.66 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

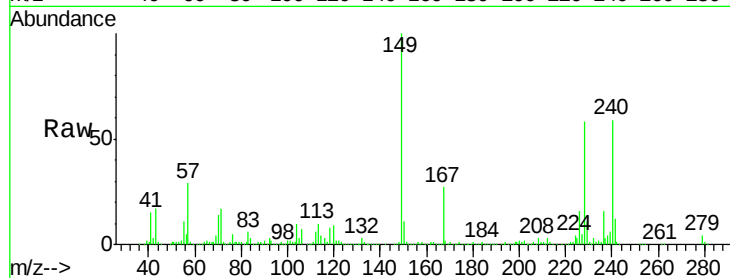
Tgt Ion:149 Resp: 539362

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

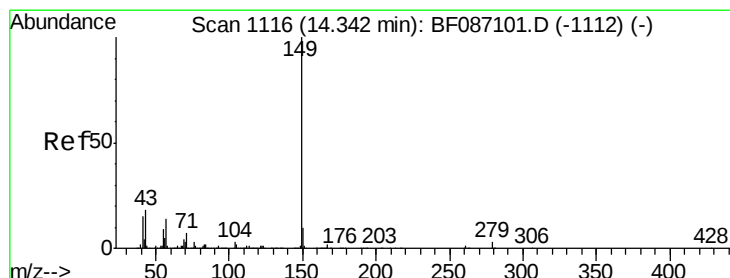
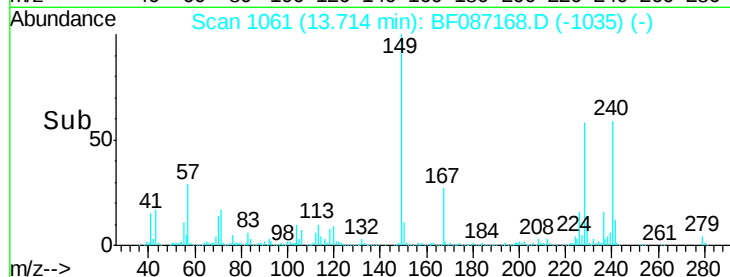
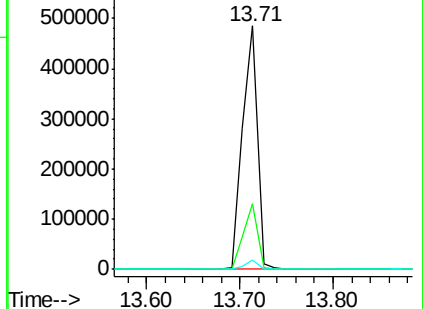
279 4.1 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.58 ng

RT: 14.32 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

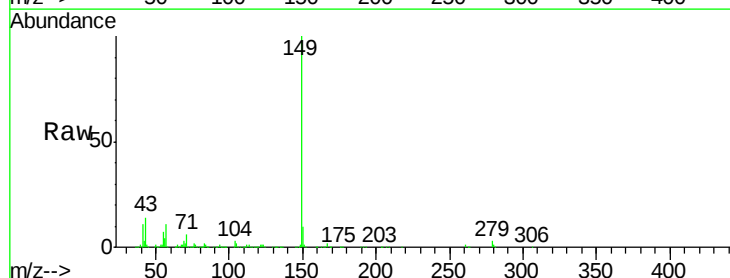
Tgt Ion:149 Resp: 927767

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

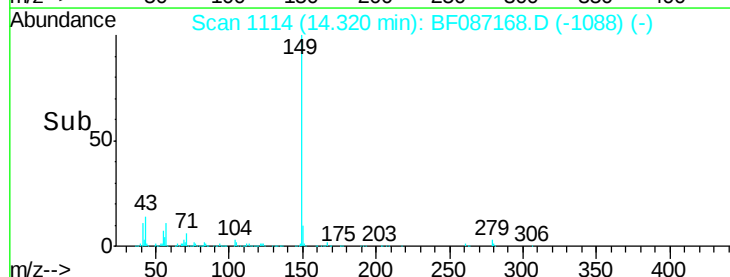
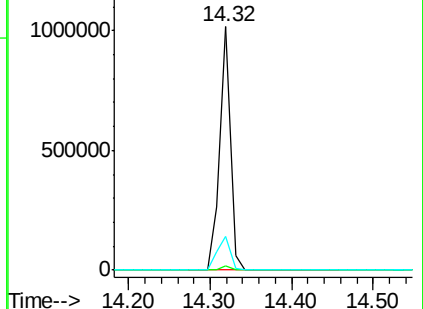
43 16.3 8.2 12.4#

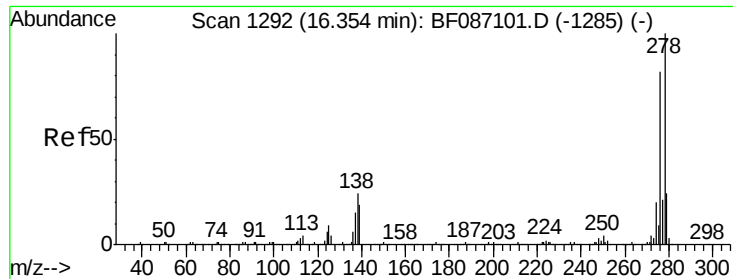


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

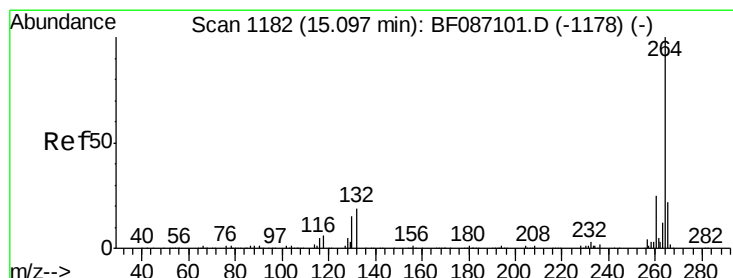
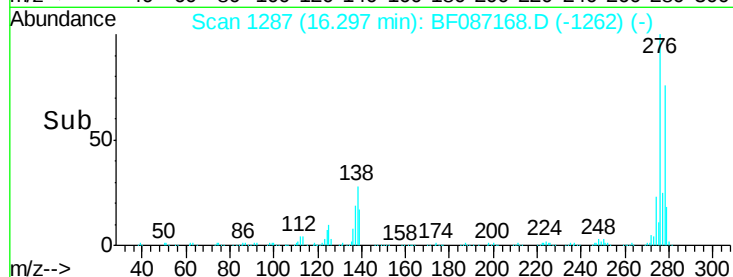
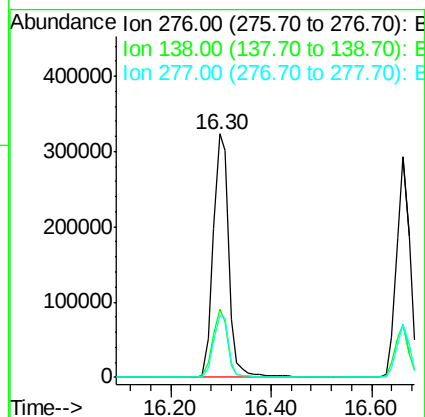
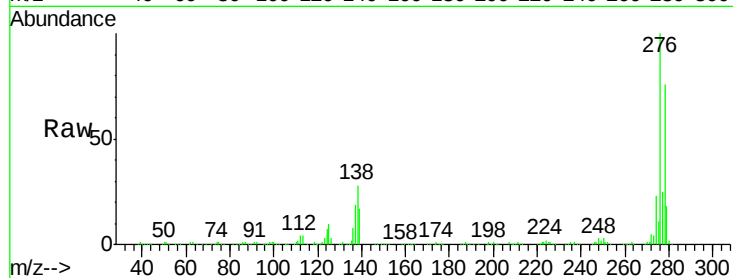




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.37 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

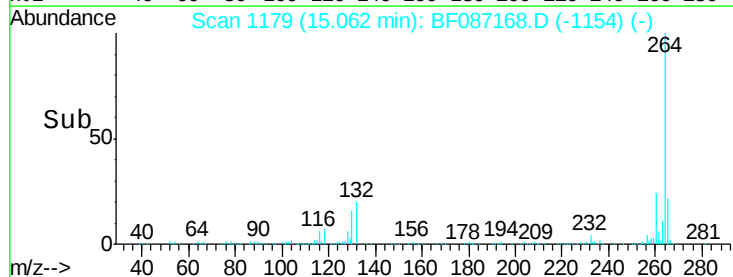
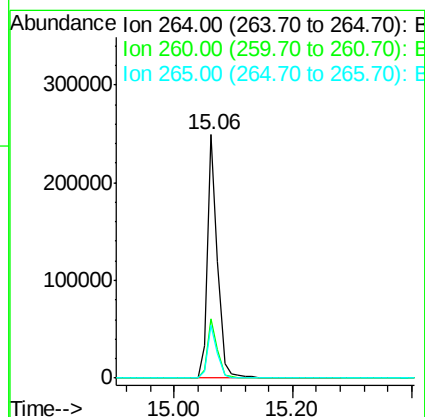
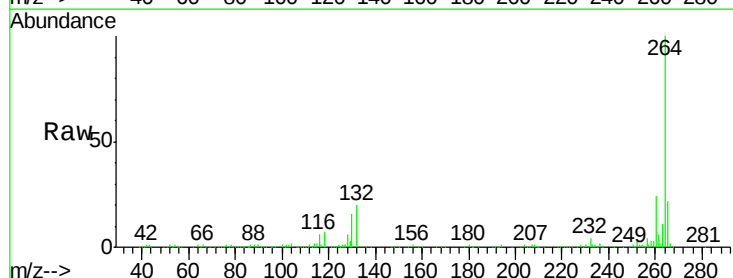
Instrument :
 BNA_F
 ClientSampleId :
 PB90659BS

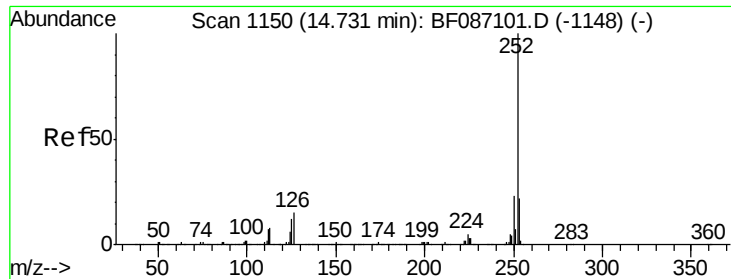
Tgt Ion:	276	Resp:	696176
Ion Ratio	Lower	Upper	
276	100		
138	26.8	25.6	38.4
277	25.2	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF087168.D
 Acq: 19 May 2016 3:50

Tgt Ion:	264	Resp:	296988
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 74.32 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.02 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

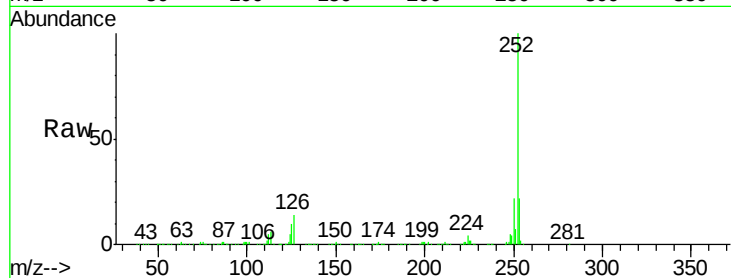
Tgt Ion:252 Resp: 1464291

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

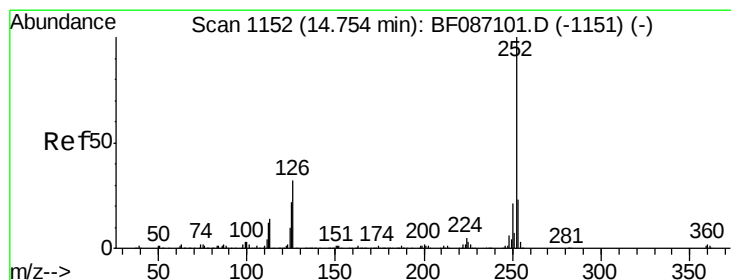
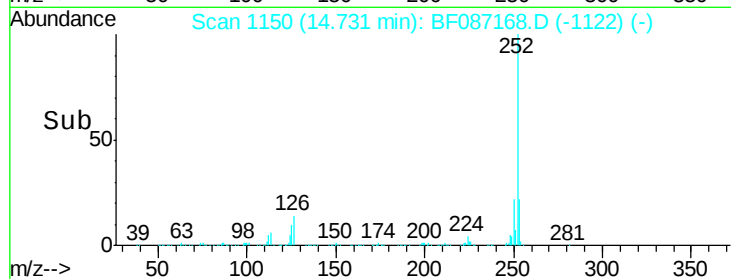
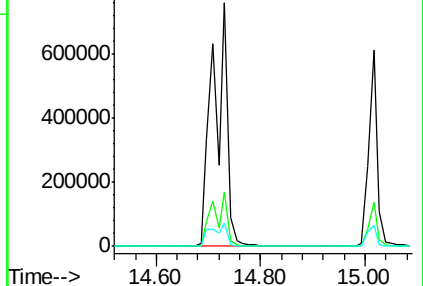
125 9.6 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 99.89 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

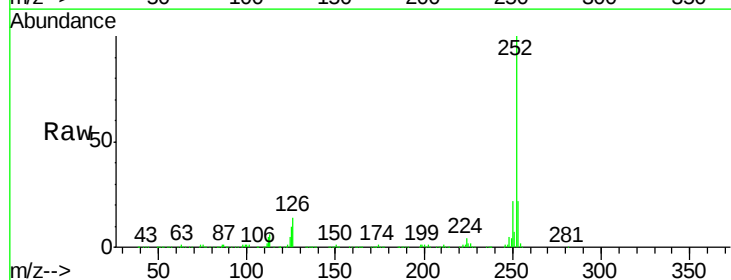
Tgt Ion:252 Resp: 1465150

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

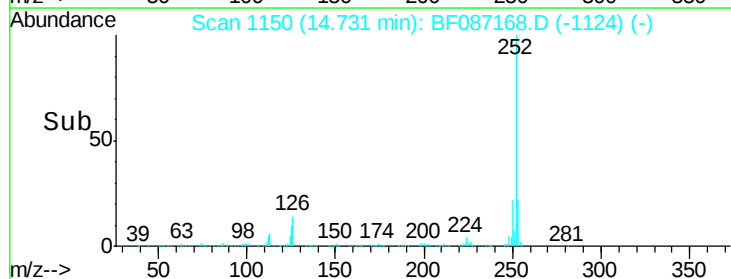
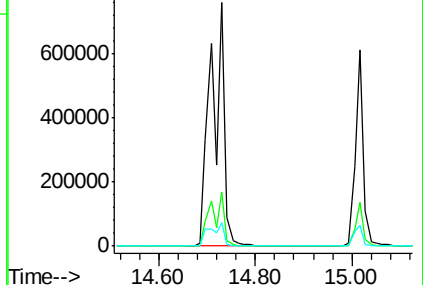
125 9.6 9.1 13.7

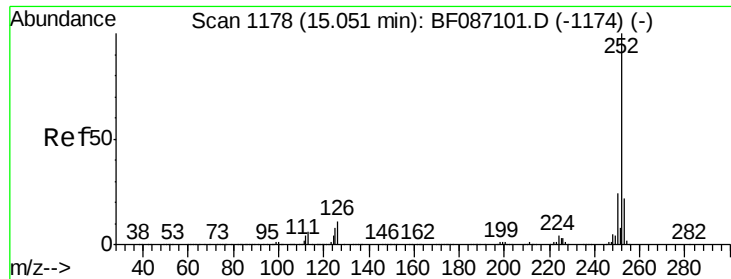


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

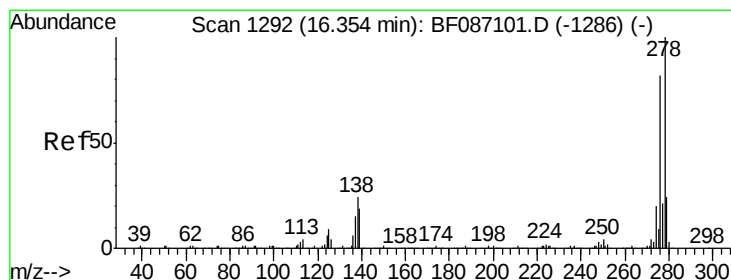
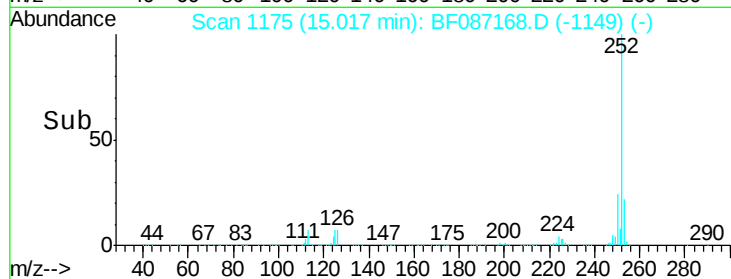
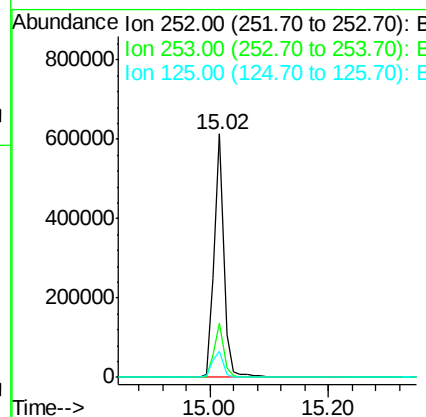
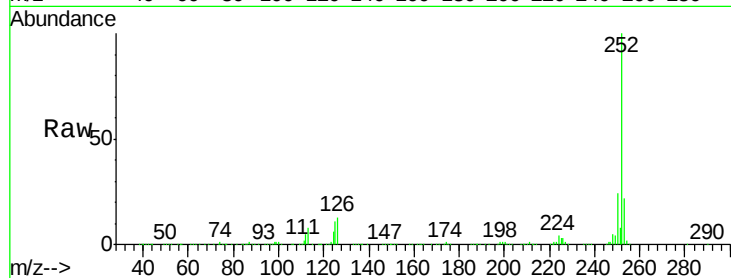




#89
Benzo(a)pyrene
Concen: 42.61 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

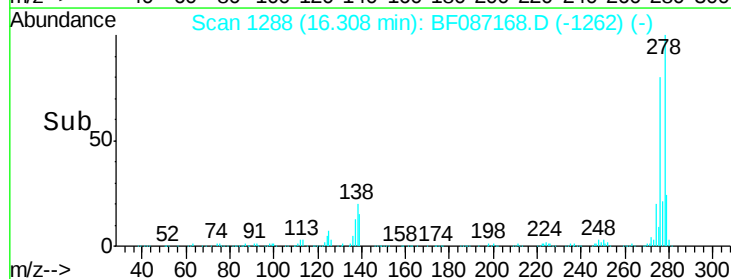
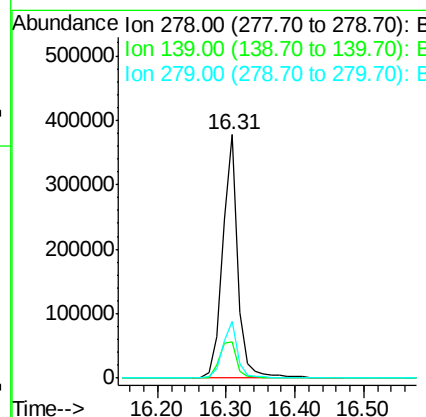
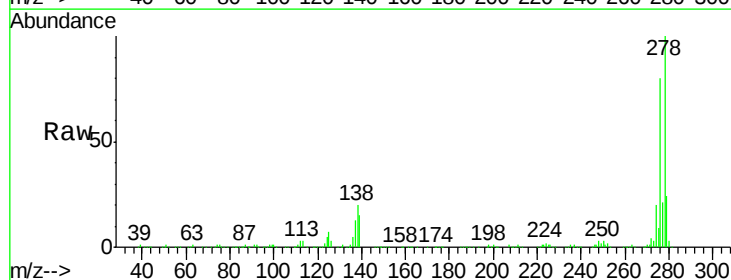
Instrument :
BNA_F
ClientSampleId :
PB90659BS

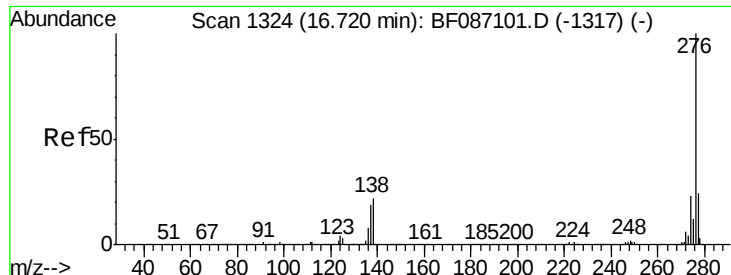
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.8	9.0	13.6



#90
Dibenzo(a,h)anthracene
Concen: 42.65 ng
RT: 16.31 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF087168.D
Acq: 19 May 2016 3:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	16.6	24.8#
279	23.5	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 40.09 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087168.D

Acq: 19 May 2016 3:50

Instrument :

BNA_F

ClientSampleId :

PB90659BS

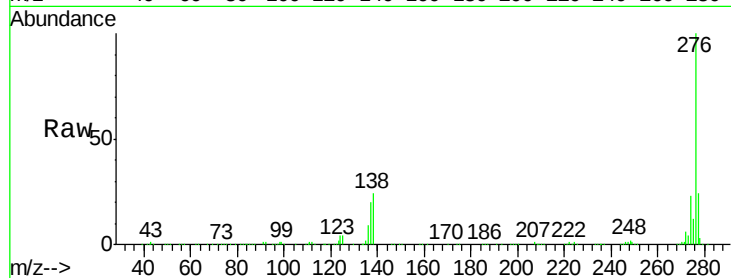
Tgt Ion: 276 Resp: 561398

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 23.8 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

