

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087234.D
 Acq On : 20 May 2016 19:57
 Operator : UM/SJ
 Sample : PB90764BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Quant Time: May 20 23:23:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	144161	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	609198	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	299225	20.00	ng	-0.06
63) Phenanthrene-d10	11.07	188	562724	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	375739	20.00	ng	-0.06
86) Perylene-d12	15.04	264	306581	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	752607	87.75	ng	-0.05
7) Phenol-d6	6.23	99	919896	79.97	ng	-0.06
23) Nitrobenzene-d5	7.14	82	1018724	83.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	253384	76.63	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1434519	79.40	ng	-0.06
78) Terphenyl-d14	12.65	244	1410783	84.93	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	146923	33.30	ng	# 59
3) Pyridine	2.67	79	365878	34.28	ng	# 69
4) n-Nitrosodimethylamine	2.65	42	314856	41.63	ng	# 50
6) Aniline	6.23	93	256502	17.55	ng	# 70
8) 2-Chlorophenol	6.34	128	447555	42.89	ng	# 78
9) Benzaldehyde	6.10	77	105065	14.07	ng	90
10) Phenol	6.24	94	543233	37.57	ng	# 64
11) bis(2-Chloroethyl)ether	6.31	93	457357	42.12	ng	93
12) 1,3-Dichlorobenzene	6.73	146	395208	35.63	ng	99
13) 1,4-Dichlorobenzene	6.73	146	398927	35.15	ng	98
14) 1,2-Dichlorobenzene	6.73	146	401946	40.45	ng	97
15) Benzyl Alcohol	6.73	79	422668	49.36	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.86	45	866698	38.83	ng	53
17) 2-Methylphenol	6.86	107	378680	44.19	ng	# 80
18) Hexachloroethane	7.06	117	178270	41.09	ng	95
19) n-Nitroso-di-n-propylamine	6.99	70	343274	39.26	ng	# 67
20) 3+4-Methylphenols	7.02	107	518800	45.89	ng	# 59
22) Acetophenone	6.98	105	640908	42.99	ng	# 97
24) Nitrobenzene	7.15	77	497402	37.27	ng	94
25) Isophorone	7.39	82	956679	42.75	ng	97
26) 2-Nitrophenol	7.47	139	245429	44.39	ng	# 76
27) 2,4-Dimethylphenol	7.53	122	391976	41.54	ng	86
28) bis(2-Chloroethoxy)methane	7.61	93	562442	45.79	ng	# 98
29) 2,4-Dichlorophenol	7.72	162	394798	47.48	ng	96
30) 1,2,4-Trichlorobenzene	7.79	180	402968	43.68	ng	98
31) Naphthalene	7.86	128	1264635	42.49	ng	99
32) Benzoic acid	7.71	122	228182	40.57	ng	# 79
33) 4-Chloroaniline	7.94	127	121273	9.80	ng	# 94
34) Hexachlorobutadiene	7.99	225	237463	45.35	ng	97
35) Caprolactam	8.32	113	70623	25.51	ng	# 54
36) 4-Chloro-3-methylphenol	8.44	107	418755	41.75	ng	88
37) 2-Methylnaphthalene	8.66	142	786357	41.30	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	386031	44.17	ng	98
40) Hexachlorocyclopentadiene	8.71	237	286127	84.31	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087234.D
 Acq On : 20 May 2016 19:57
 Operator : UM/SJ
 Sample : PB90764BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Quant Time: May 20 23:23:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

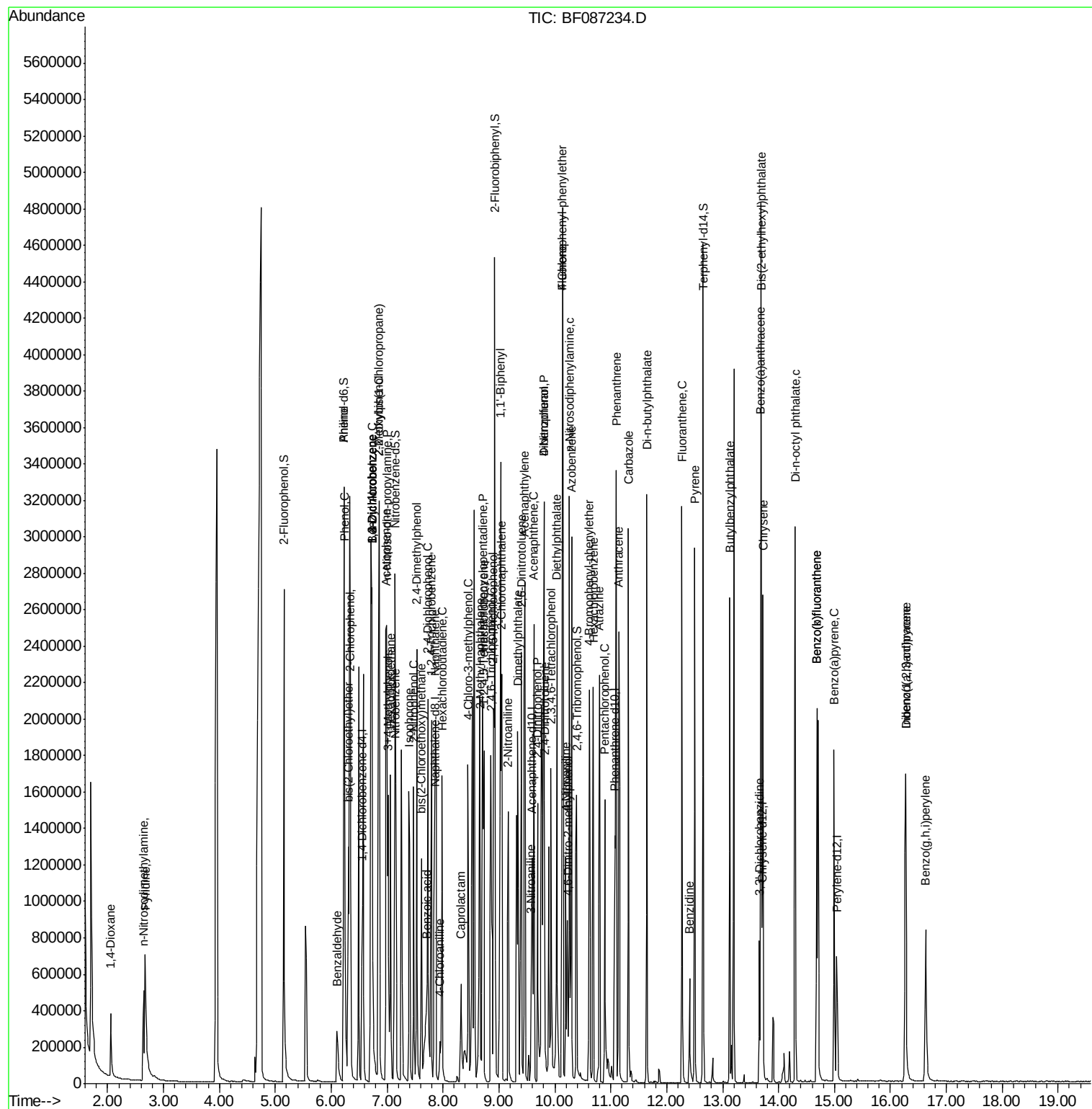
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	248194	43.79	ng	93
43) 2,4,5-Trichlorophenol	8.90	196	254291	43.19	ng	# 88
45) 1,1'-Biphenyl	9.03	154	1145558	46.17	ng	99
46) 2-Chloronaphthalene	9.05	162	841449	44.18	ng	99
47) 2-Nitroaniline	9.16	65	325228	44.56	ng	95
48) Acenaphthylene	9.46	152	1244182	42.78	ng	99
49) Dimethylphthalate	9.34	163	998781	43.76	ng	100
50) 2,6-Dinitrotoluene	9.40	165	198183	39.99	ng	# 72
51) Acenaphthene	9.62	154	733474	40.37	ng	99
52) 3-Nitroaniline	9.58	138	82304	15.34	ng	# 84
53) 2,4-Dinitrophenol	9.69	184	198525	70.50	ng	# 70
54) Dibenzofuran	9.80	168	1151822	49.02	ng	98
55) 4-Nitrophenol	9.80	139	729401	128.67	ng	# 22
56) 2,4-Dinitrotoluene	9.82	165	297814	46.92	ng	# 79
57) Fluorene	10.14	166	807834	42.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	213428	46.54	ng	97
59) Diethylphthalate	10.03	149	889815	40.83	ng	100
60) 4-Chlorophenyl-phenylether	10.14	204	402318	44.96	ng	94
61) 4-Nitroaniline	10.19	138	190234	35.91	ng	# 67
62) Azobenzene	10.30	77	1206942	48.07	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	150430	40.59	ng	90
65) n-Nitrosodiphenylamine	10.26	169	733550	41.42	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	248855	43.00	ng	# 87
67) Hexachlorobenzene	10.68	284	259012	38.61	ng	# 73
68) Atrazine	10.80	200	247342	42.82	ng	93
69) Pentachlorophenol	10.89	266	202338	80.28	ng	97
70) Phenanthrene	11.10	178	1290952	42.30	ng	99
71) Anthracene	11.14	178	1261652	40.87	ng	100
72) Carbazole	11.31	167	1171942	41.56	ng	98
73) Di-n-butylphthalate	11.65	149	1482802	45.78	ng	# 98
74) Fluoranthene	12.27	202	1192082	38.98	ng	97
76) Benzidine	12.41	184	262874	21.73	ng	96
77) Pyrene	12.50	202	1331723	49.06	ng	99
79) Butylbenzylphthalate	13.13	149	633719	55.30	ng	# 86
80) Benzo(a)anthracene	13.68	228	968854	44.60	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	169012	12.23	ng	# 95
82) Chrysene	13.73	228	1053725	50.13	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	773029	55.43	ng	98
84) Di-n-octyl phthalate	14.30	149	1290131	53.70	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.27	276	740409	40.13	ng	96
87) Benzo(b)fluoranthene	14.69	252	1577249	77.55	ng	# 97
88) Benzo(k)fluoranthene	14.69	252	1577249	104.16	ng	99
89) Benzo(a)pyrene	14.99	252	740831	43.58	ng	98
90) Dibenzo(a,h)anthracene	16.27	278	624292	43.61	ng	96
91) Benzo(g,h,i)perylene	16.63	276	624768	43.21	ng	96

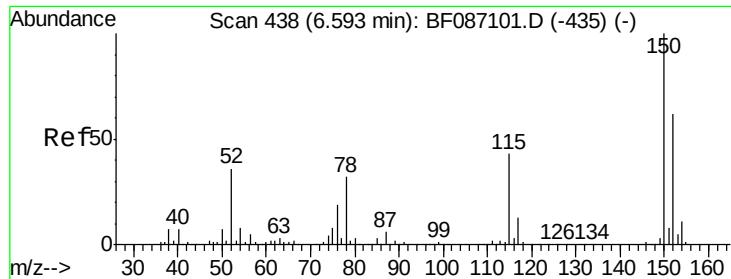
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087234.D
 Acq On : 20 May 2016 19:57
 Operator : UM/SJ
 Sample : PB90764BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB90764BS

Quant Time: May 20 23:23:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration



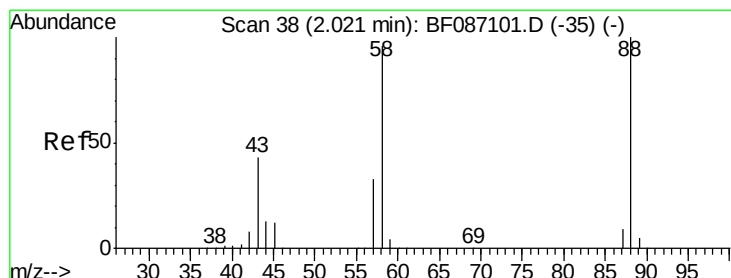
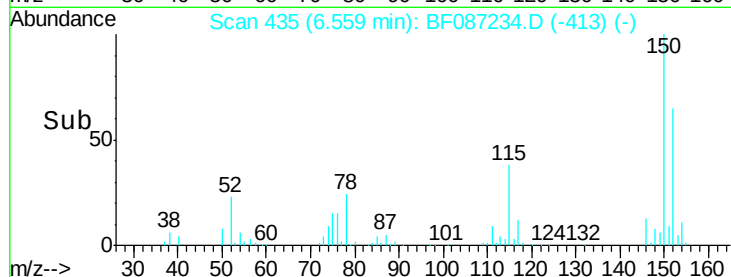
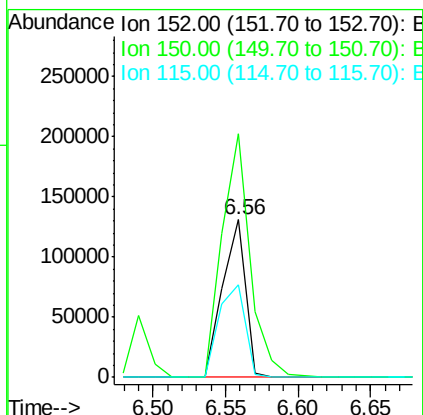
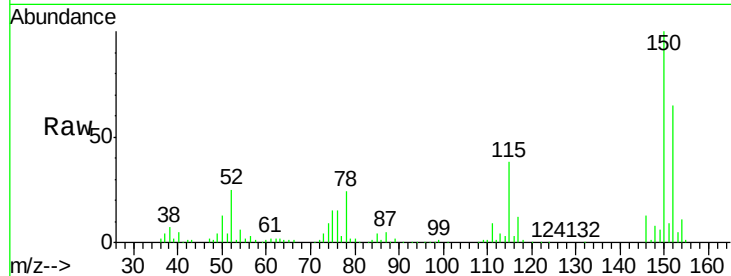


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Instrument :
BNA_F
ClientSampleId :
PB90764BS

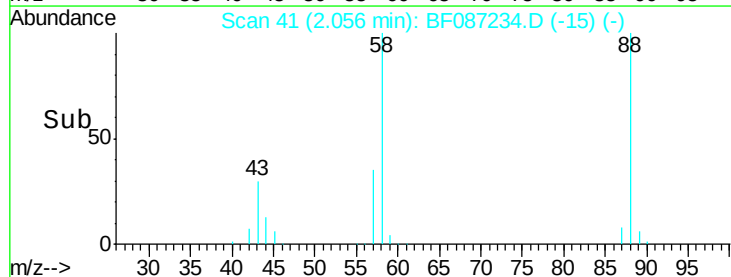
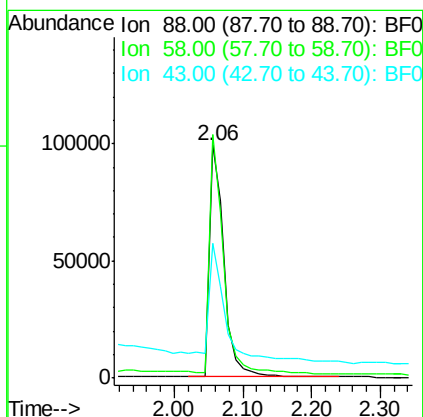
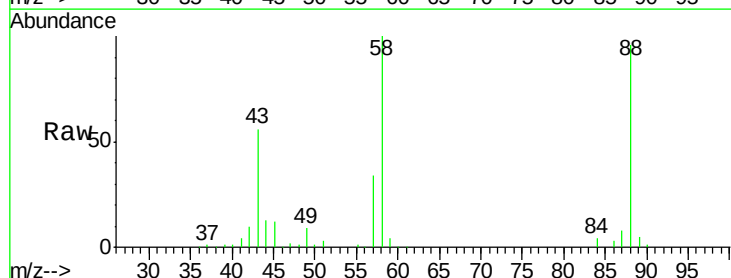
Tgt Ion:152 Resp: 144161
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 58.5 51.5 77.3

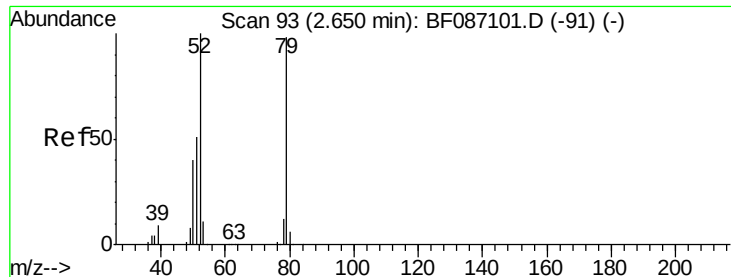


#2

1,4-Dioxane
Concen: 33.30 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Tgt Ion: 88 Resp: 146923
Ion Ratio Lower Upper
88 100
58 100.0 59.6 89.4#
43 63.1 21.8 32.6#





#3

Pyridine

Concen: 34.28 ng

RT: 2.67 min Scan# 95

Delta R.T. -0.01 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

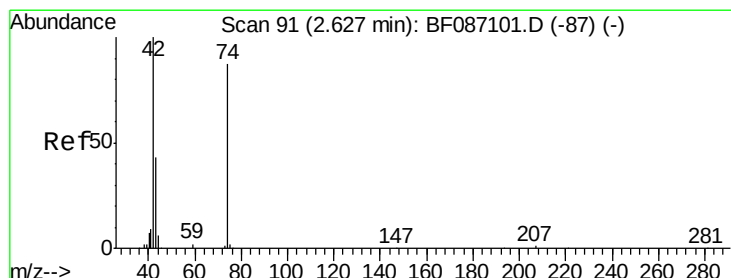
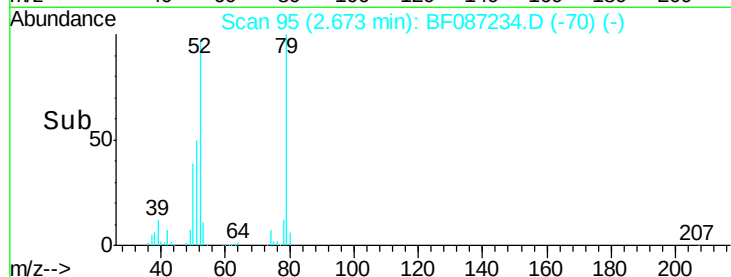
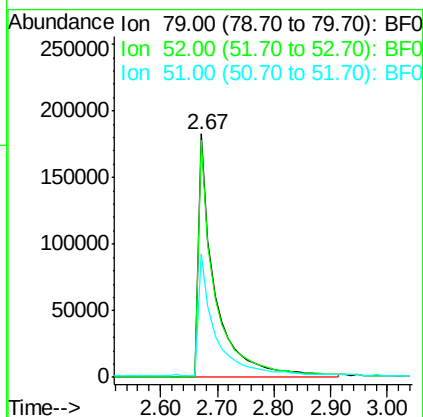
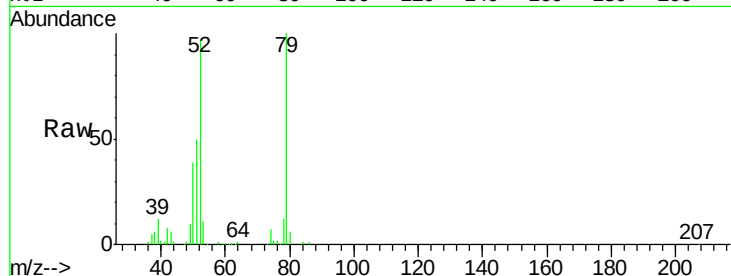
Tgt Ion: 79 Resp: 365878

Ion Ratio Lower Upper

79 100

52 97.3 55.9 83.9#

51 50.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 41.63 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

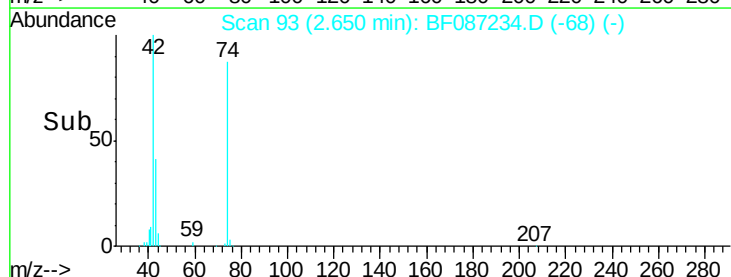
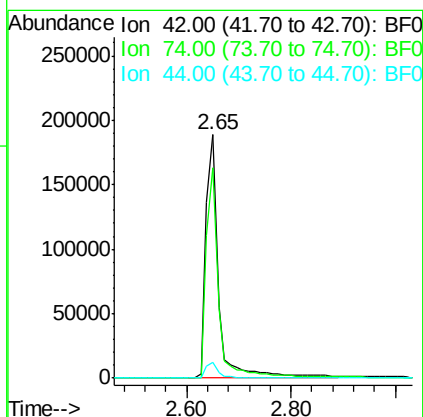
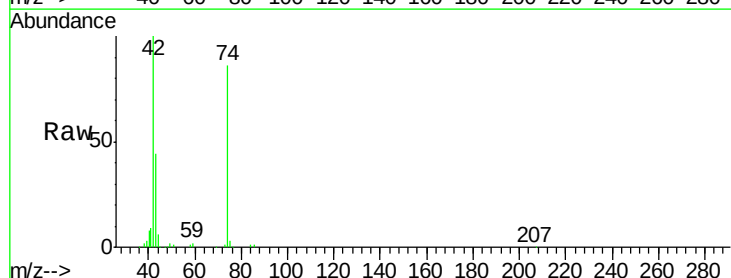
Tgt Ion: 42 Resp: 314856

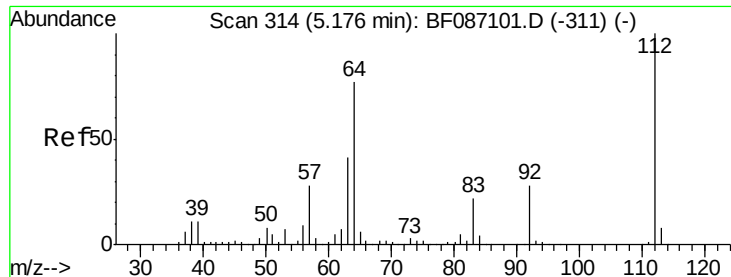
Ion Ratio Lower Upper

42 100

74 86.4 123.4 185.0#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 87.75 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

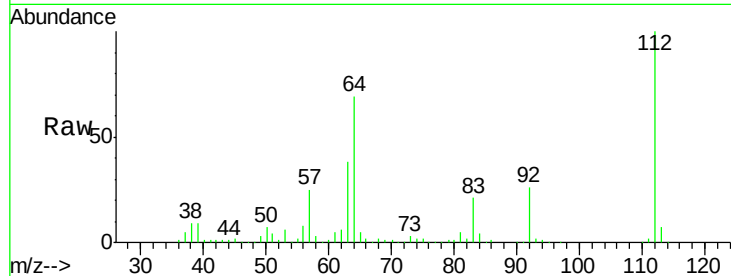
Instrument :

BNA_F

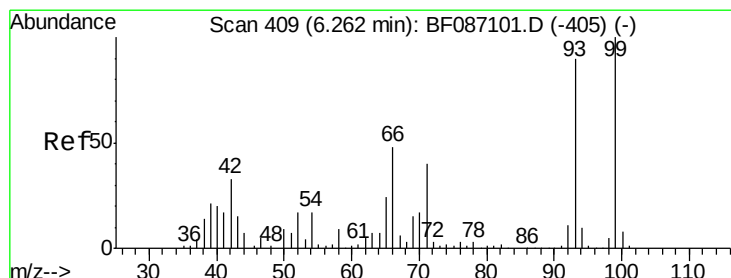
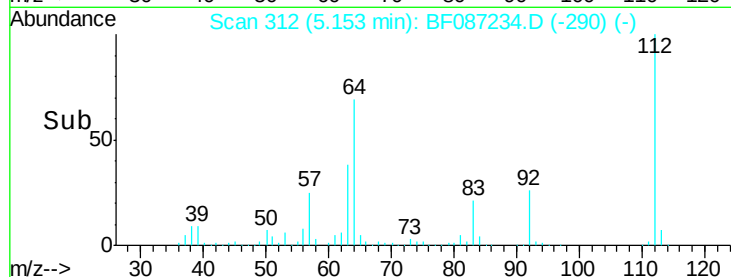
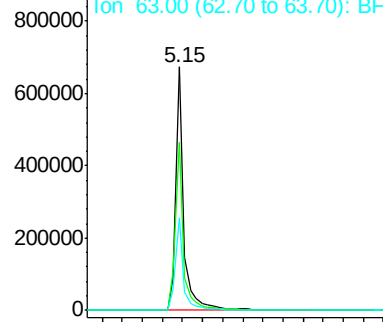
ClientSampleId :

PB90764BS

Tgt Ion:	112	Resp:	752607
Ion	Ratio	Lower	Upper
112	100		
64	69.0	52.1	78.1
63	37.8	25.7	38.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 17.55 ng

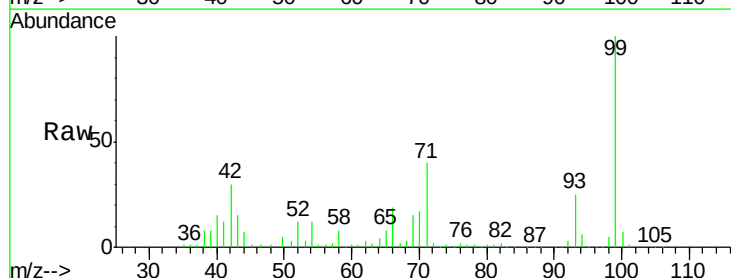
RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

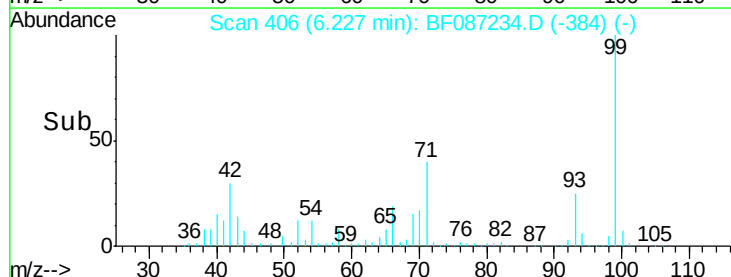
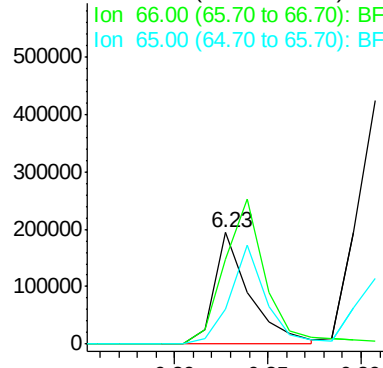
Lab File: BF087234.D

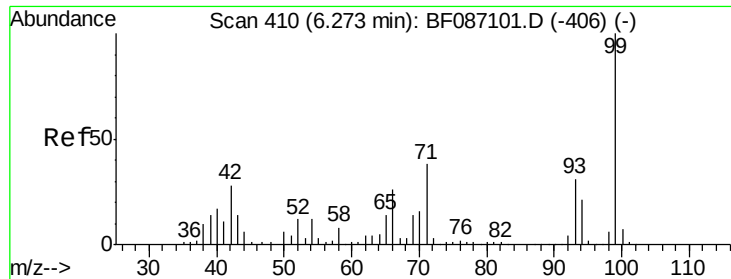
Acq: 20 May 2016 19:57

Tgt Ion:	93	Resp:	256502
Ion	Ratio	Lower	Upper
93	100		
66	75.7	39.0	58.6#
65	31.9	20.6	31.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 79.97 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

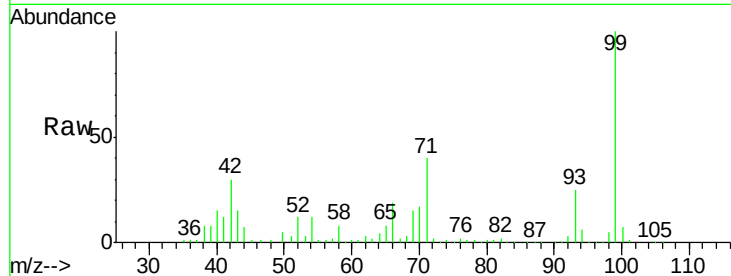
Tgt Ion: 99 Resp: 919896

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

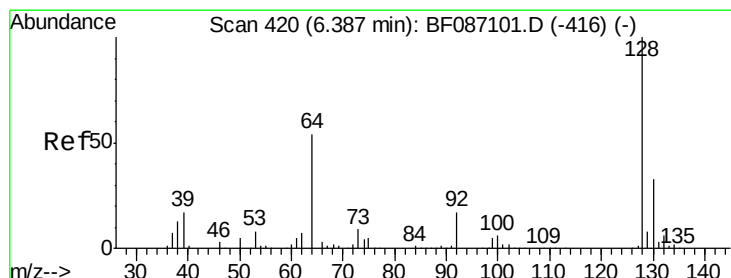
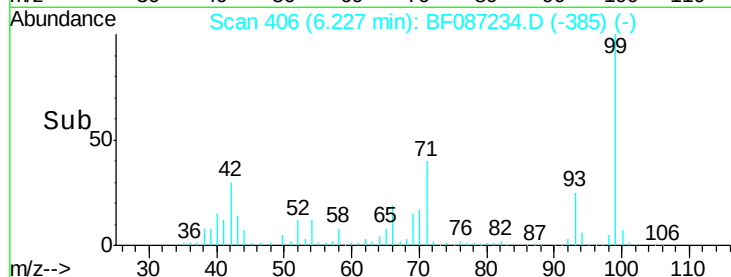
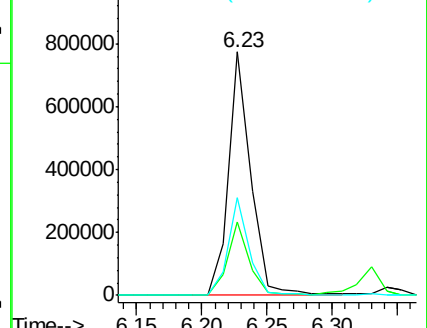
71 40.3 24.6 36.8#



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: 42.89 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

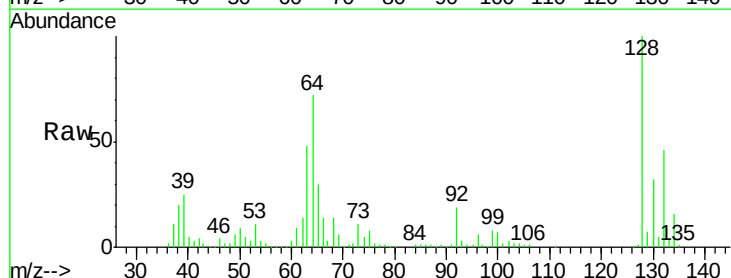
Tgt Ion: 128 Resp: 447555

Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

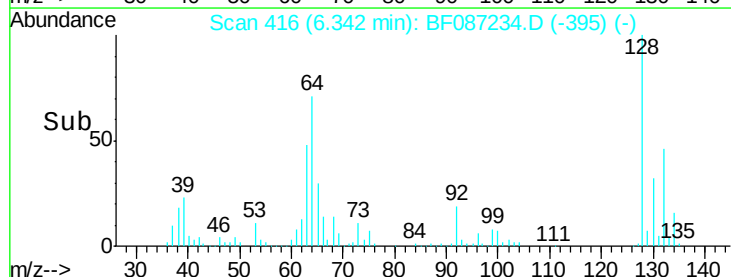
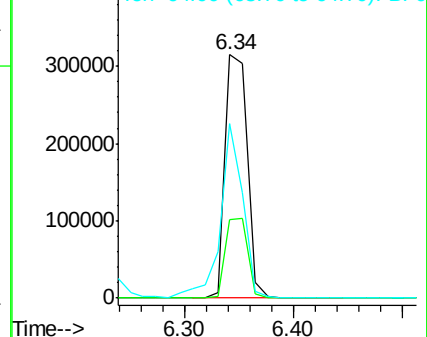
64 71.5 27.3 67.3#

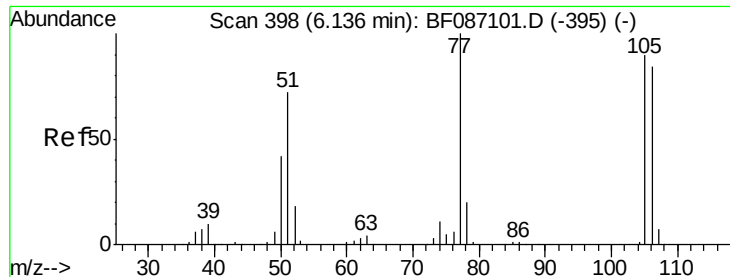


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.07 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

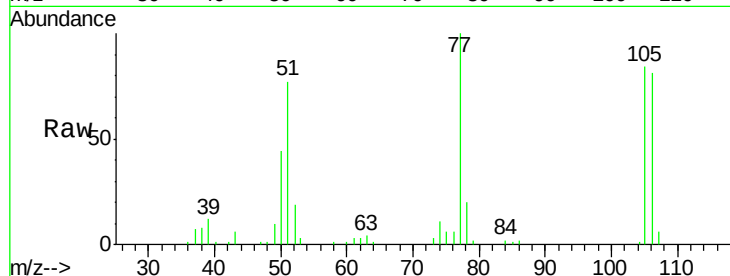
Tgt Ion: 77 Resp: 105065

Ion Ratio Lower Upper

77 100

105 83.9 72.7 112.7

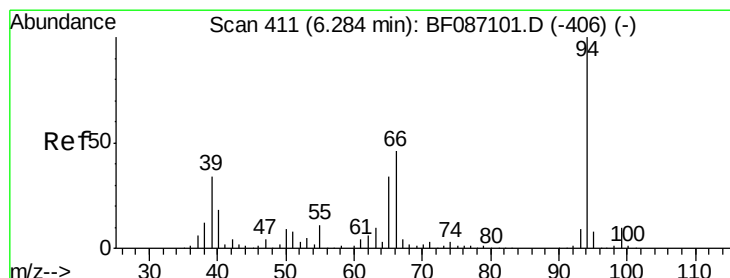
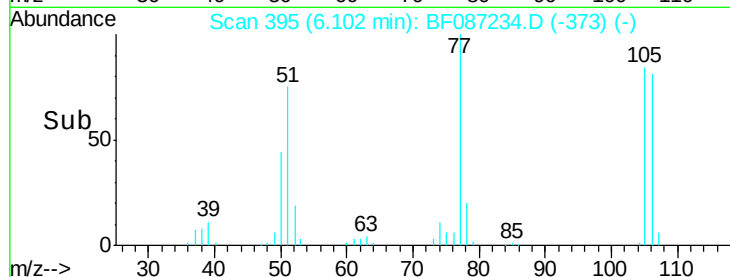
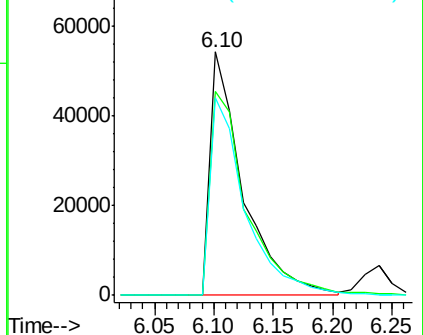
106 81.1 70.8 110.8



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: 37.57 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

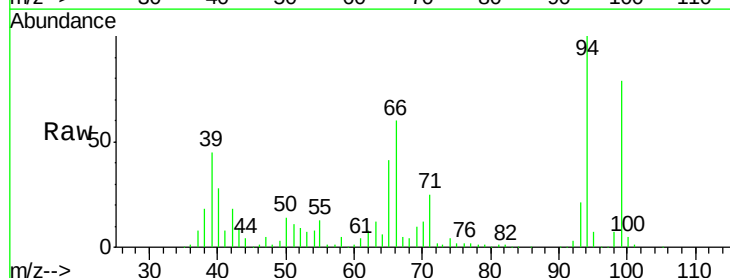
Tgt Ion: 94 Resp: 543233

Ion Ratio Lower Upper

94 100

65 41.3 7.2 47.2

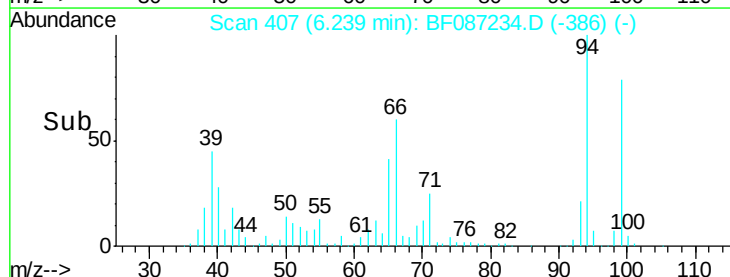
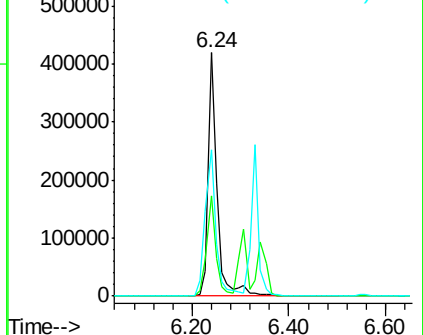
66 60.3 14.9 54.9#

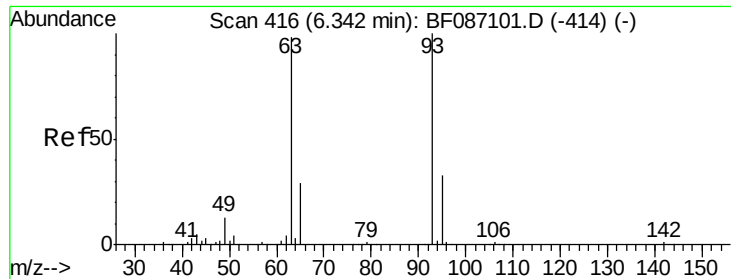


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

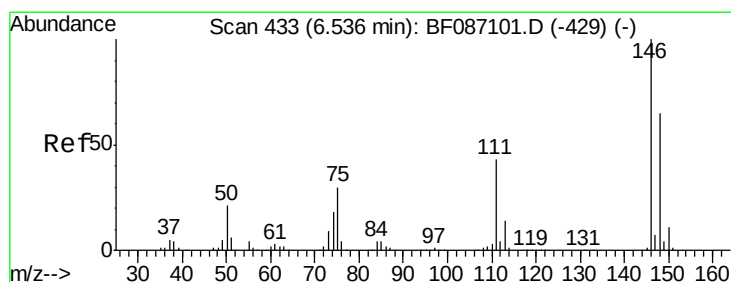
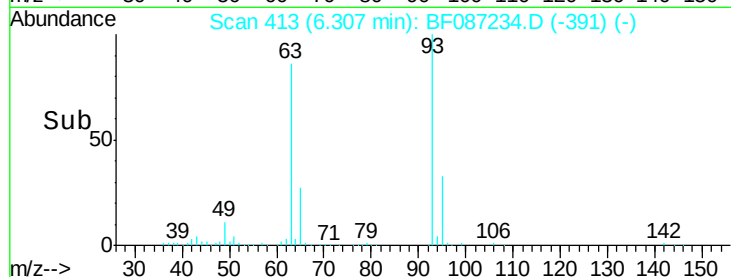
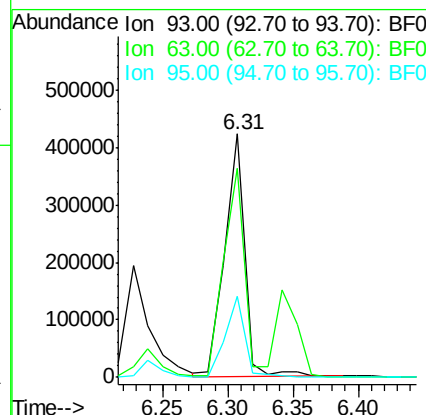
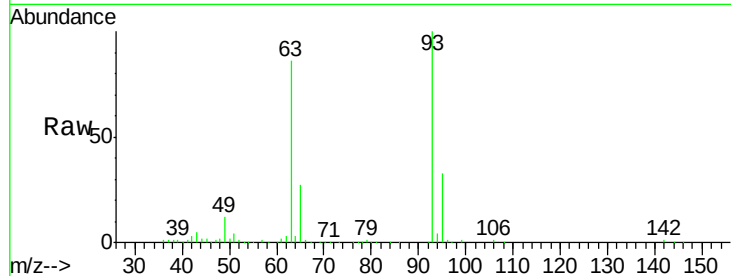




#11
 bis(2-Chloroethyl)ether
 Concen: 42.12 ng
 RT: 6.31 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

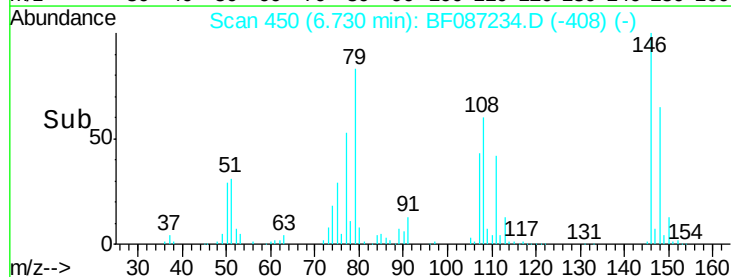
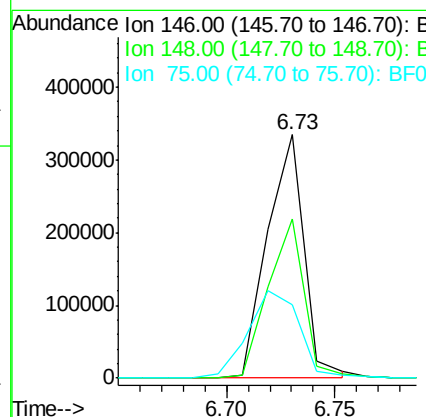
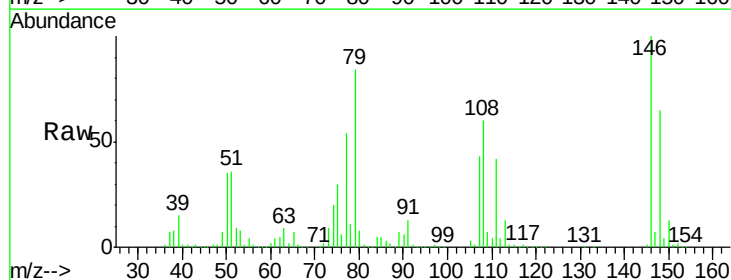
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

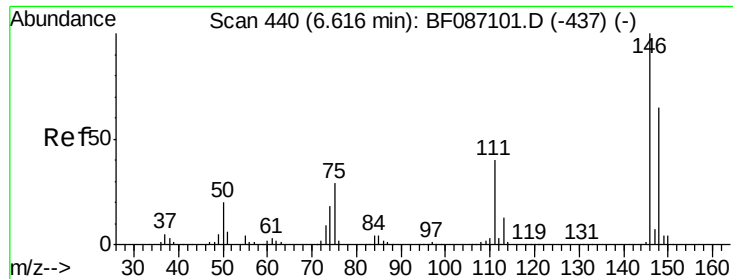
Tgt Ion: 93 Resp: 457357
 Ion Ratio Lower Upper
 93 100
 63 85.6 58.0 98.0
 95 33.1 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 35.63 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.18 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion: 146 Resp: 395208
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.4 78.6
 75 30.1 22.8 34.2

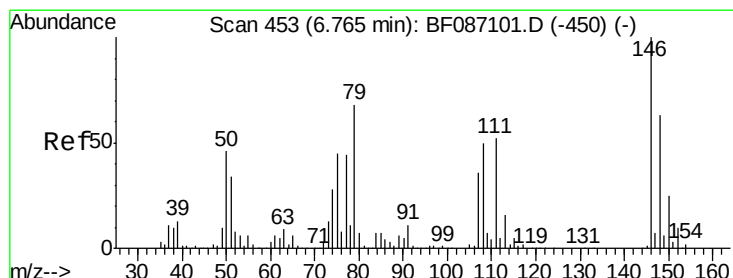
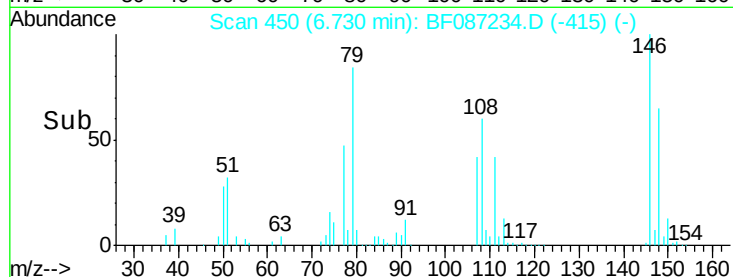
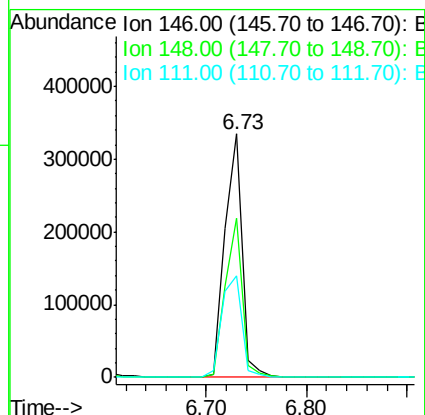
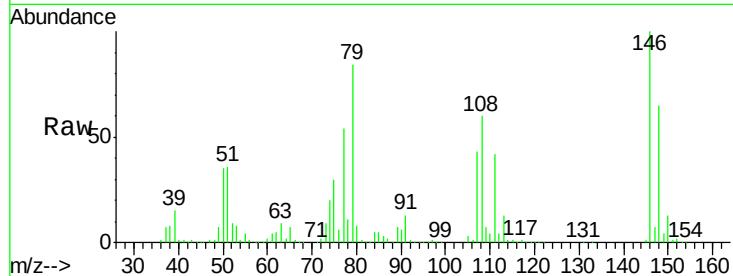




#13
 1,4-Dichlorobenzene
 Concen: 35.15 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.10 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

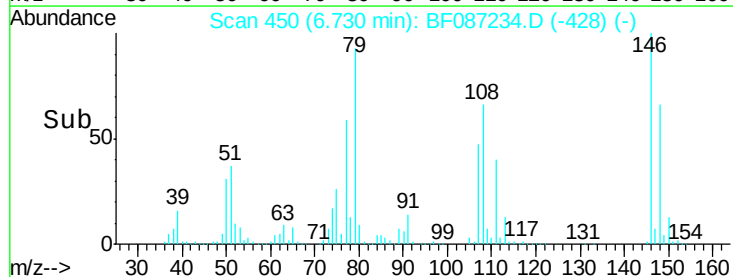
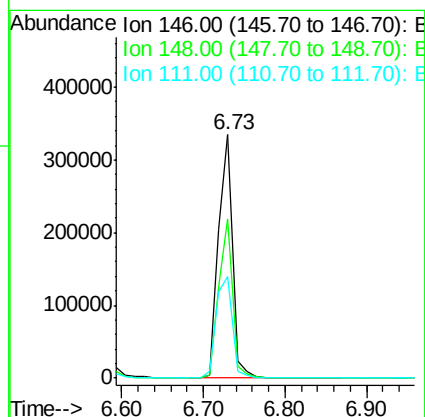
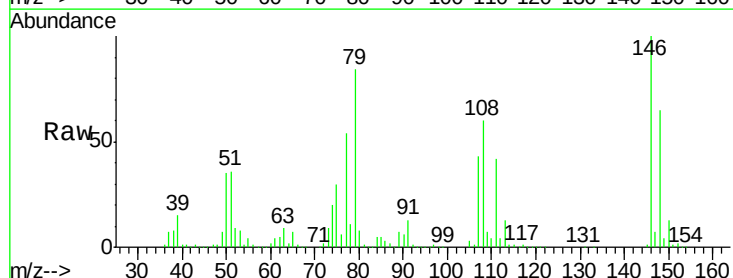
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

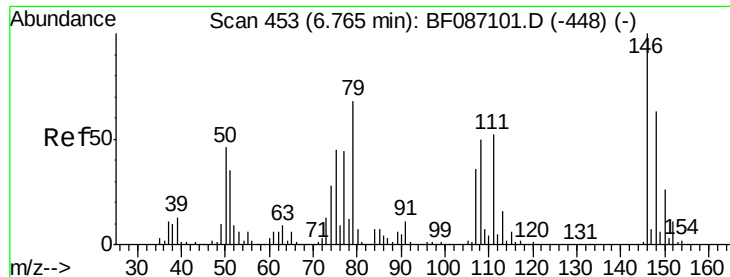
Tgt Ion:146 Resp: 398927
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.4
 111 41.8 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 40.45 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:146 Resp: 401946
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.6
 111 41.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 49.36 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

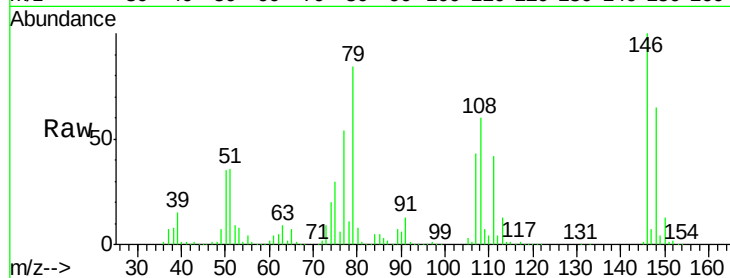
Tgt Ion: 79 Resp: 422668

Ion Ratio Lower Upper

79 100

108 71.7 68.4 102.6

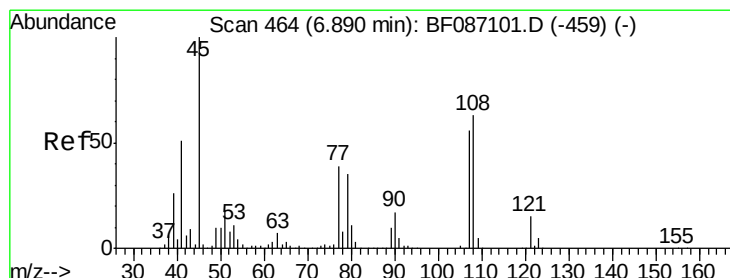
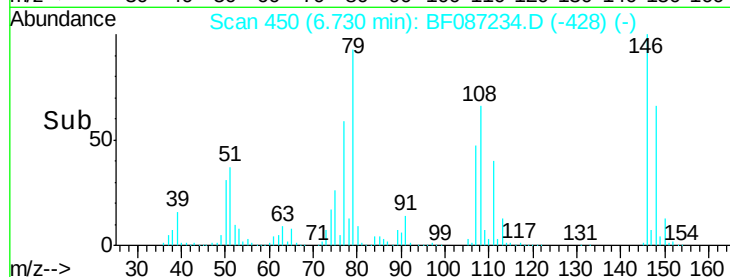
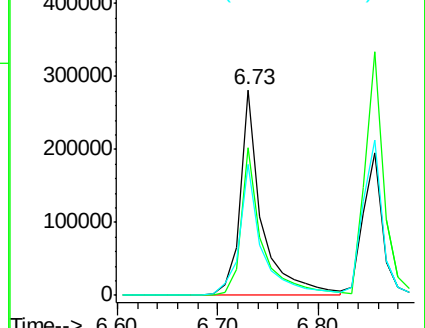
77 63.9 50.6 76.0



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: 38.83 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

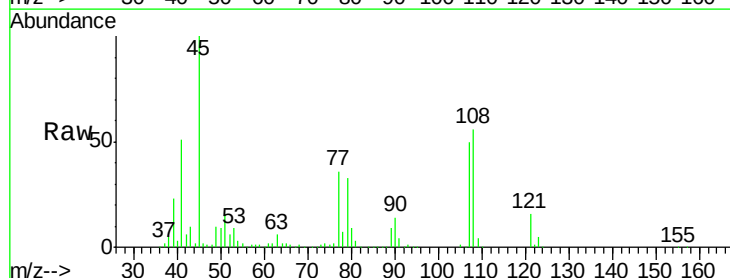
Tgt Ion: 45 Resp: 866698

Ion Ratio Lower Upper

45 100

77 35.7 0.0 36.4

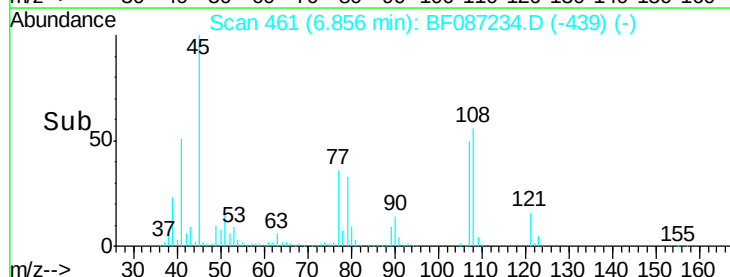
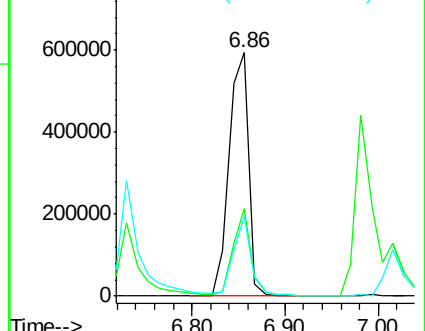
79 33.0 0.0 33.4

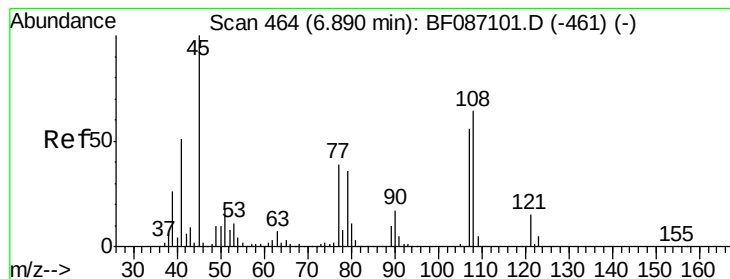


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 44.19 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

Tgt Ion:107 Resp: 378680

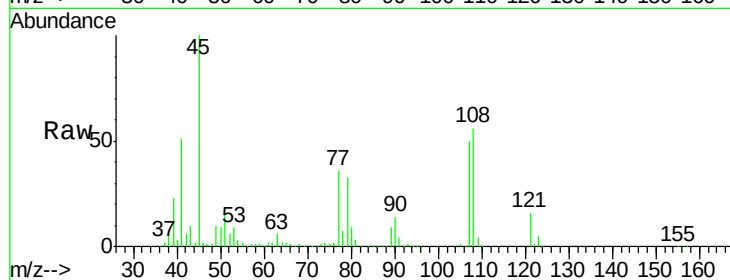
Ion Ratio Lower Upper

107 100

108 112.3 93.7 140.5

77 71.4 33.4 50.0#

79 66.0 34.3 51.5#

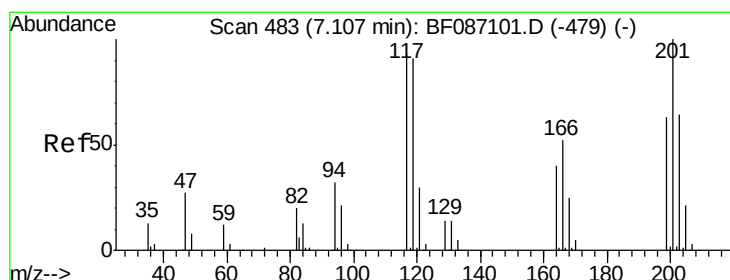
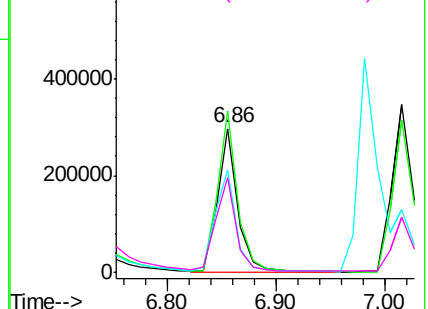
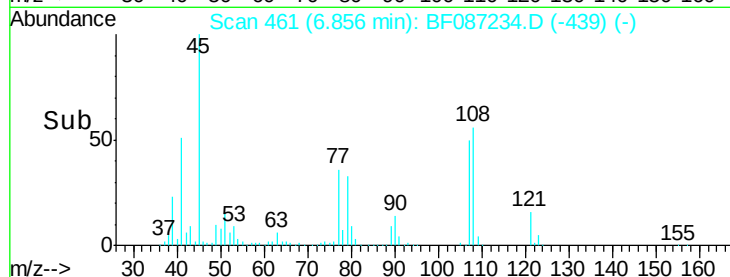


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.09 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

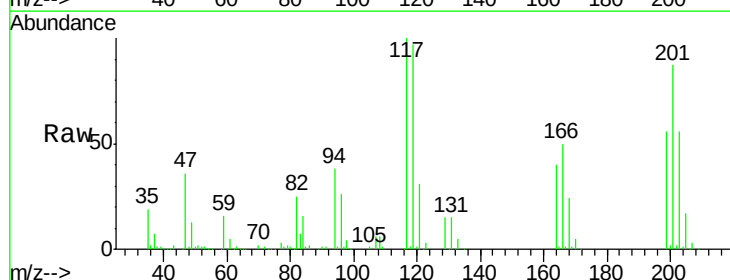
Tgt Ion:117 Resp: 178270

Ion Ratio Lower Upper

117 100

119 96.9 76.5 114.7

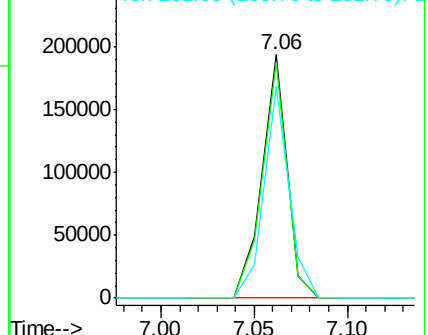
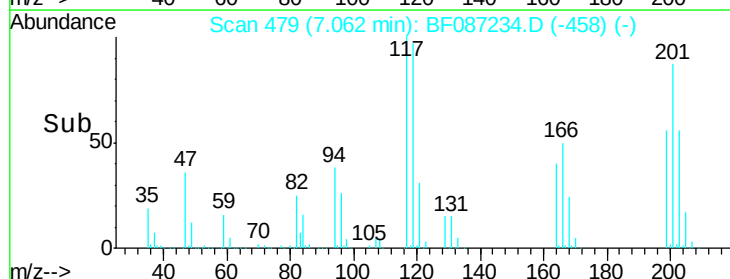
201 87.1 63.0 94.6

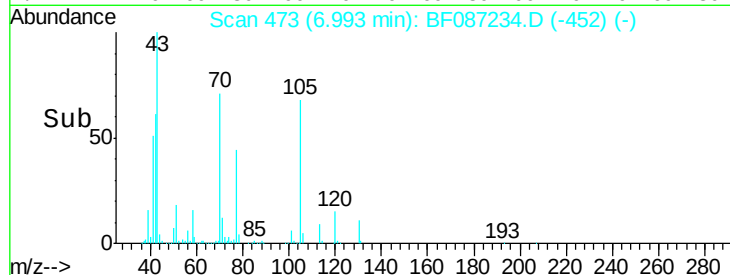
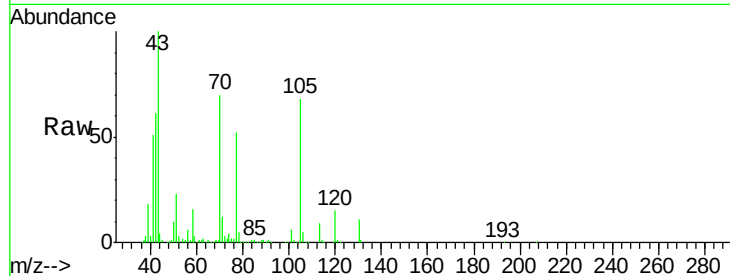
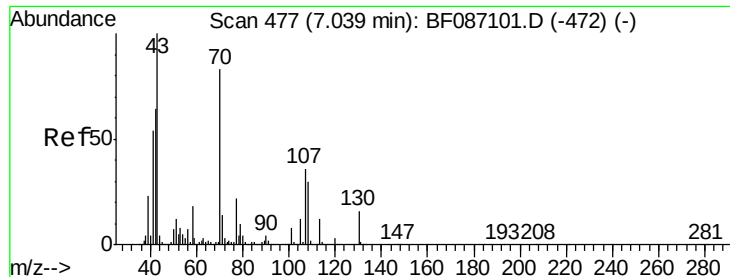


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

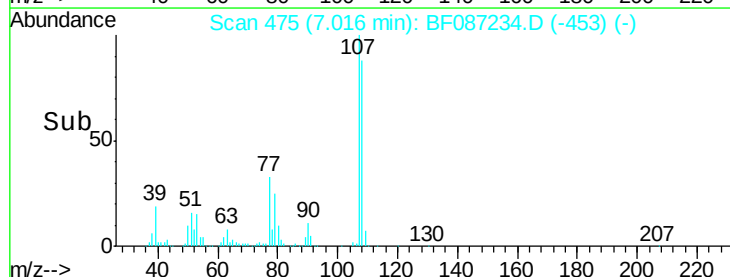
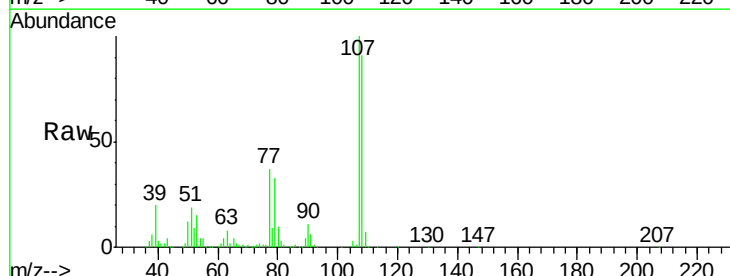
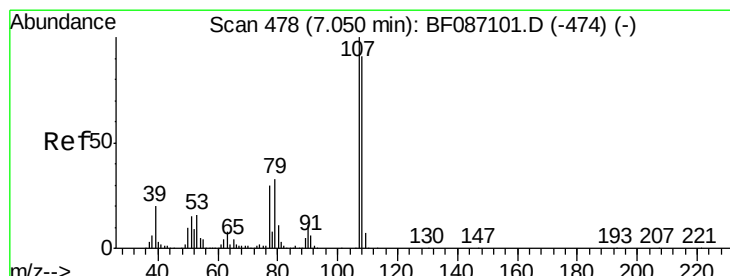
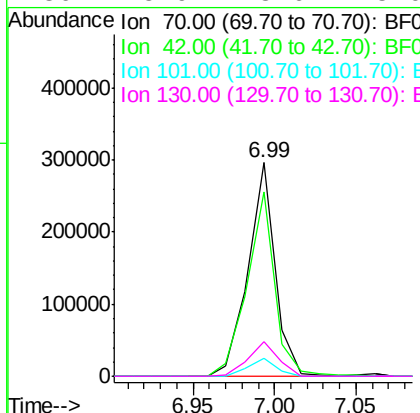




#19
n-Nitroso-di-n-propylamine
Concen: 39.26 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.06 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

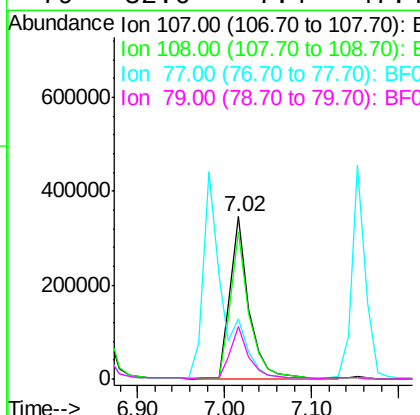
Instrument :
BNA_F
ClientSampleId :
PB90764BS

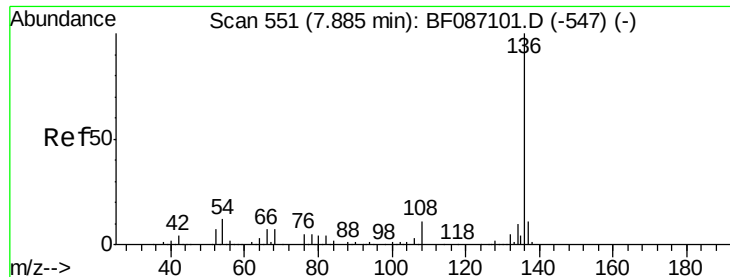
Tgt Ion: 70 Resp: 343274
Ion Ratio Lower Upper
70 100
42 86.5 43.1 64.7#
101 8.3 8.1 12.1
130 15.9 18.6 28.0#



#20
3+4-Methylphenols
Concen: 45.89 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Tgt Ion: 107 Resp: 518800
Ion Ratio Lower Upper
107 100
108 90.9 68.5 108.5
77 37.4 101.6 141.6#
79 32.6 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

Tgt Ion:136 Resp: 609198

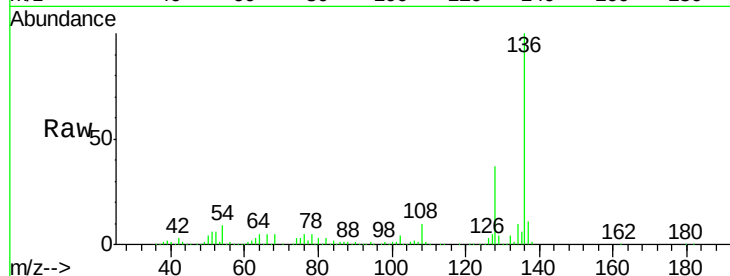
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 5.0 7.4#

68 4.6 4.4 6.6

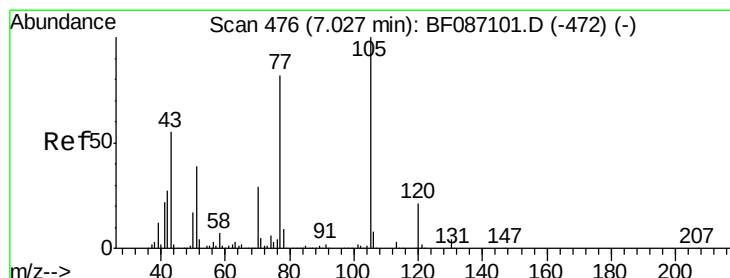
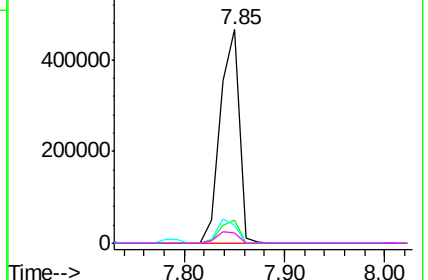
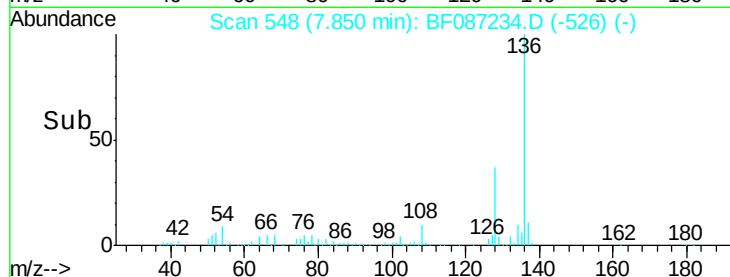


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.99 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Tgt Ion:105 Resp: 640908

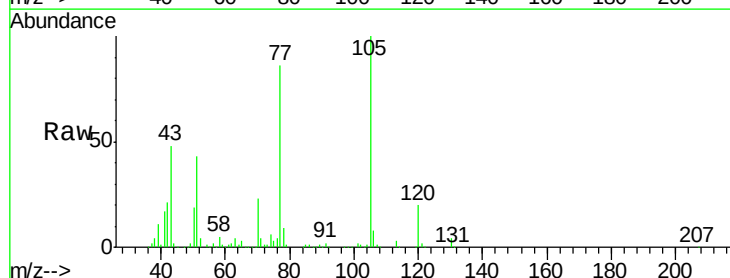
Ion Ratio Lower Upper

105 100

71 3.8 4.8 7.2#

51 43.3 32.6 49.0

120 20.1 16.5 24.7

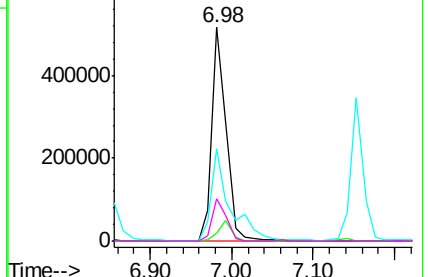
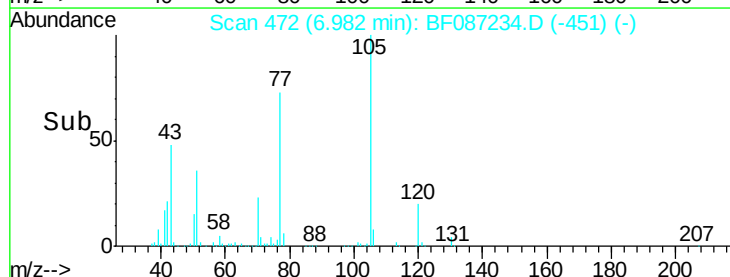


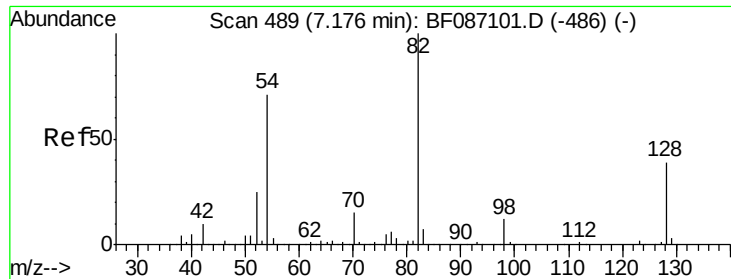
Abundance Ion 105.00 (104.70 to 105.70): E

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

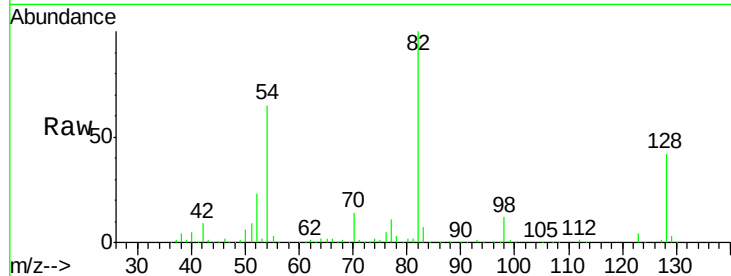




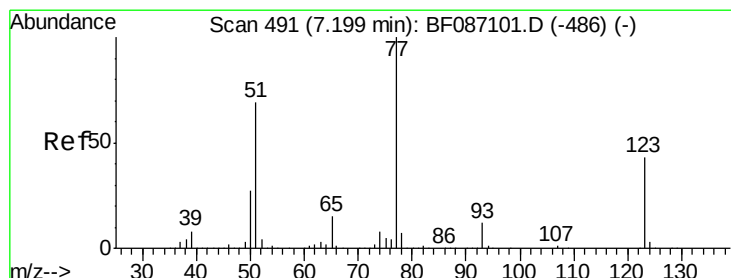
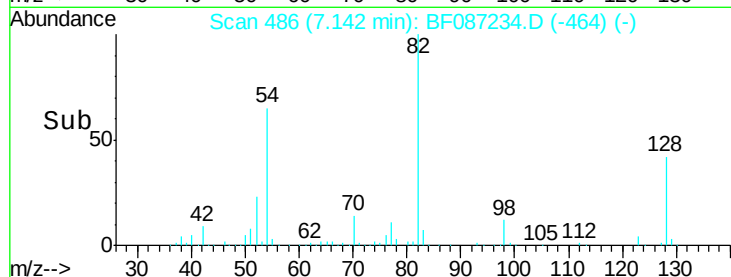
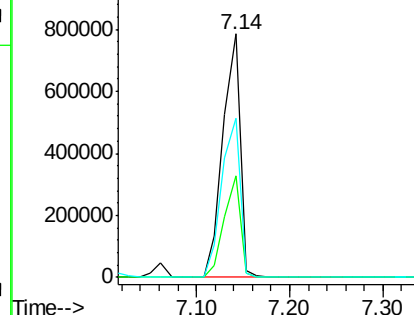
#23
Nitrobenzene-d5
Concen: 83.34 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Instrument :
BNA_F
ClientSampleId :
PB90764BS

Tgt Ion: 82 Resp: 1018724
Ion Ratio Lower Upper
82 100
128 41.6 40.6 61.0
54 65.4 38.1 57.1#

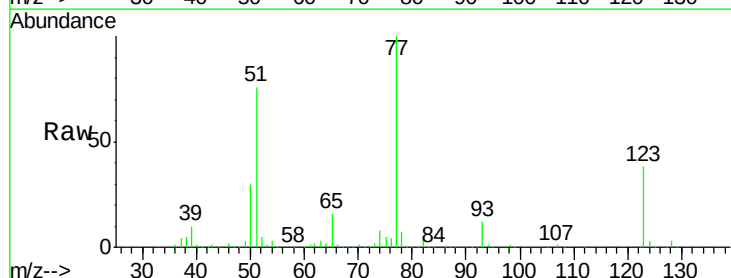


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

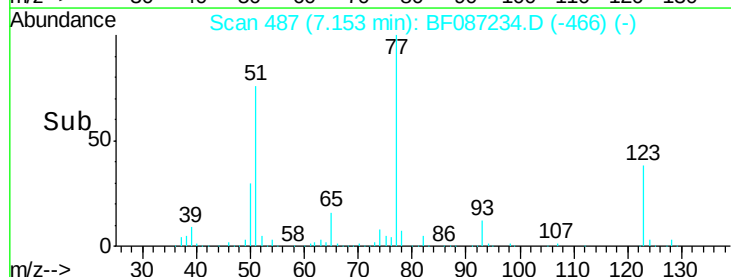
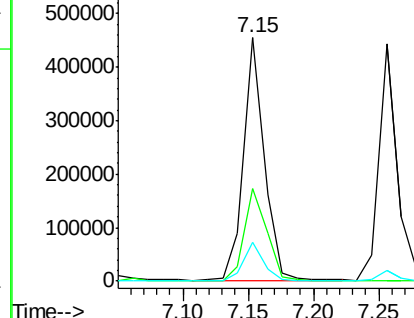


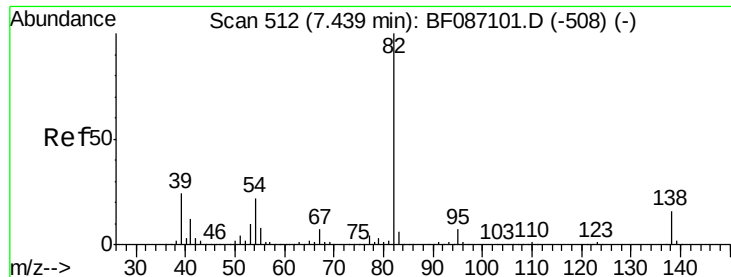
#24
Nitrobenzene
Concen: 37.27 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.06 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Tgt Ion: 77 Resp: 497402
Ion Ratio Lower Upper
77 100
123 37.8 33.0 49.4
65 15.9 10.8 16.2



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





#25

Isophorone

Concen: 42.75 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

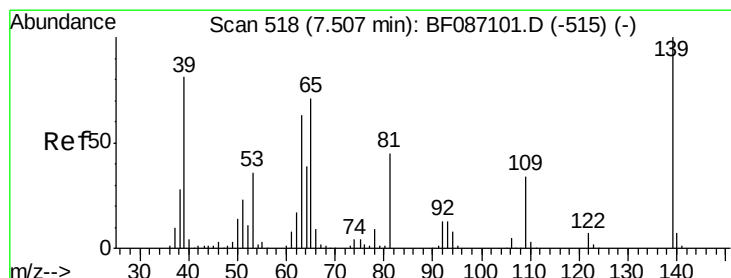
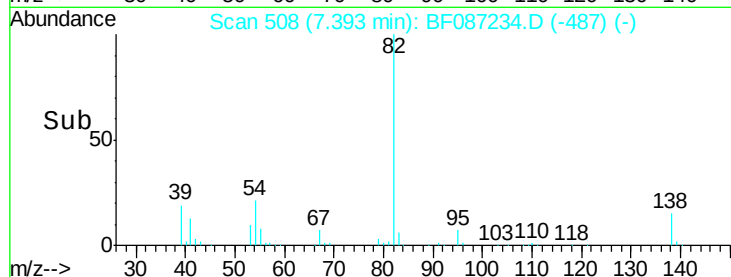
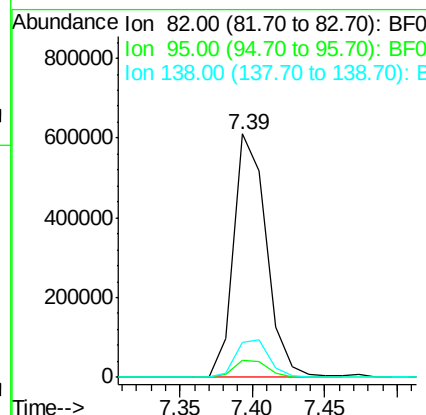
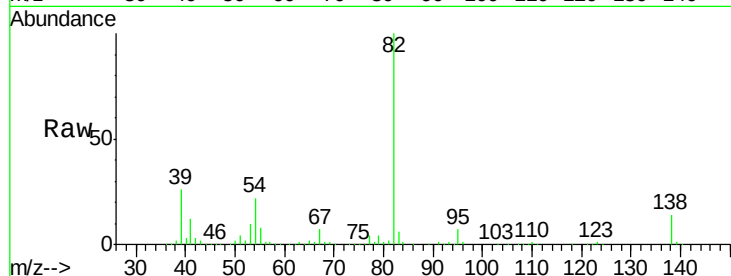
Tgt Ion: 82 Resp: 956679

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 14.2 12.4 18.6



#26

2-Nitrophenol

Concen: 44.39 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

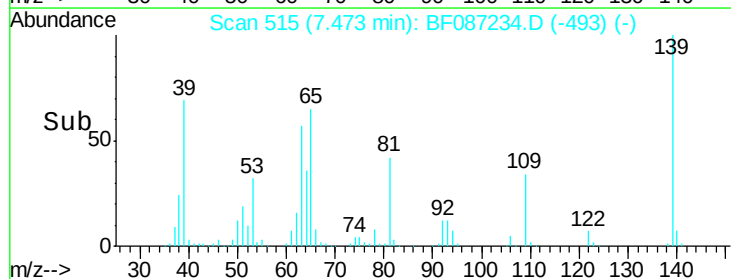
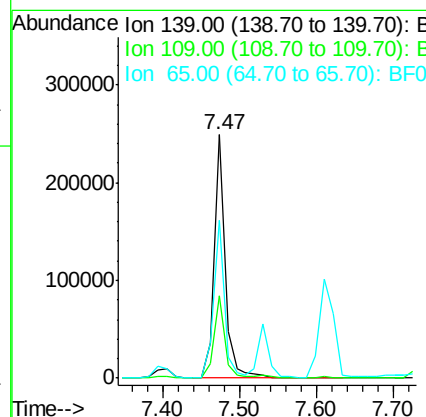
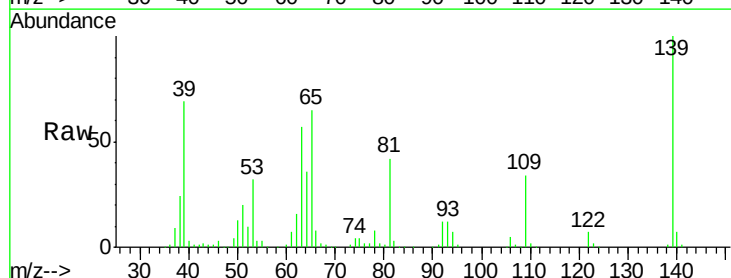
Tgt Ion: 139 Resp: 245429

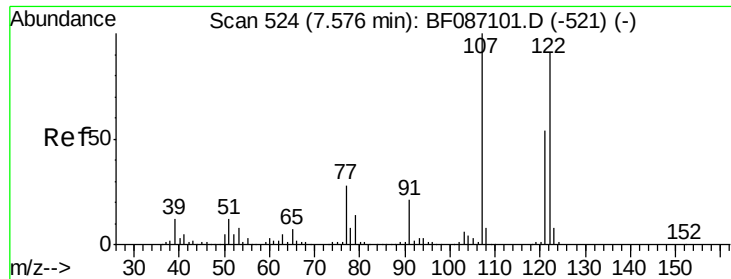
Ion Ratio Lower Upper

139 100

109 33.6 19.5 29.3#

65 64.8 37.5 56.3#

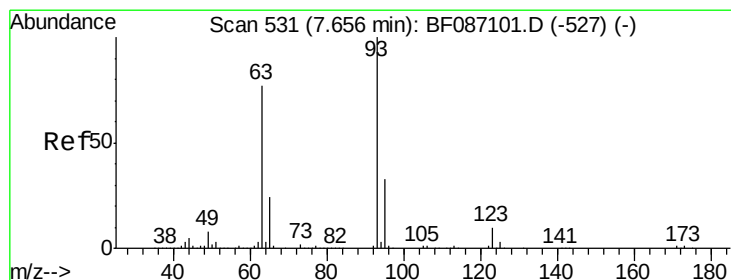
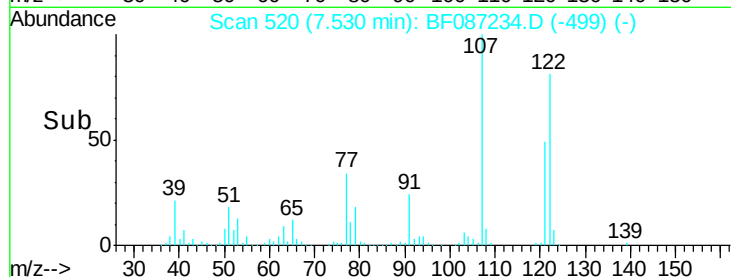
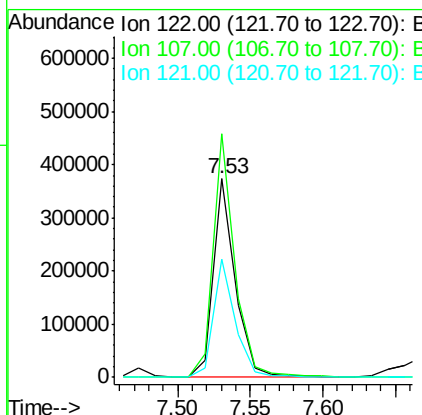
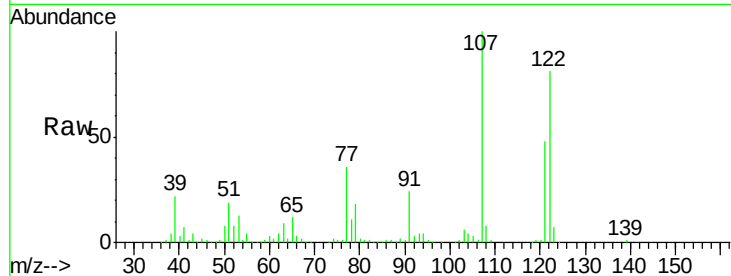




#27
 2,4-Dimethylphenol
 Concen: 41.54 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

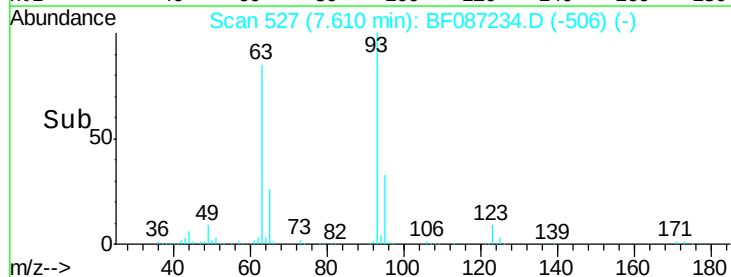
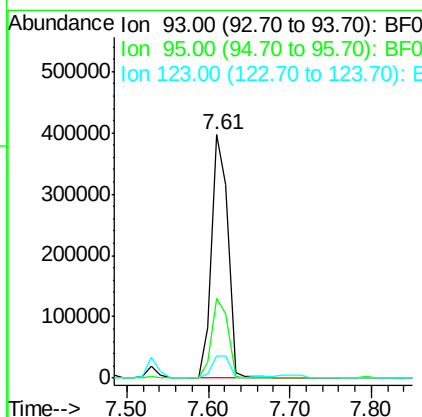
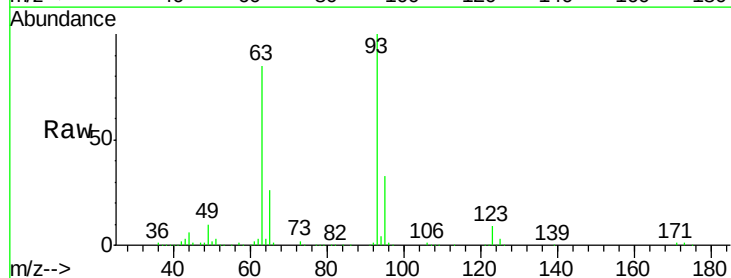
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

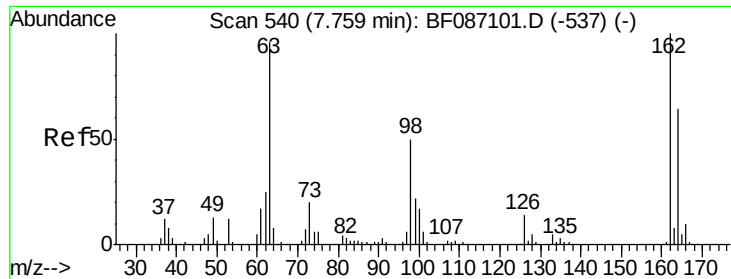
Tgt Ion:122 Resp: 391976
 Ion Ratio Lower Upper
 122 100
 107 122.8 82.0 123.0
 121 59.4 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.79 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion: 93 Resp: 562442
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 9.2 9.5 14.3#

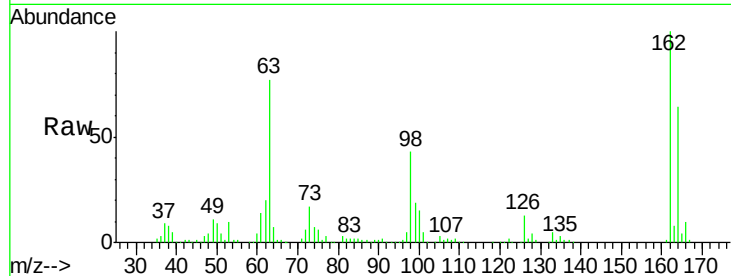




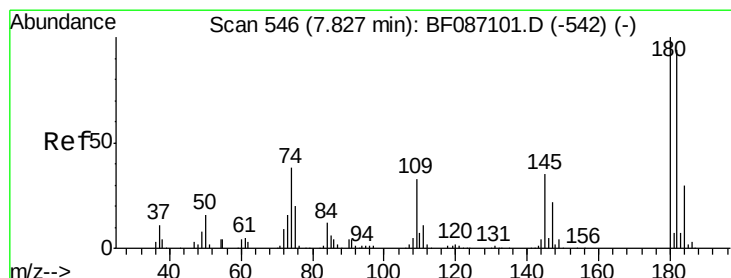
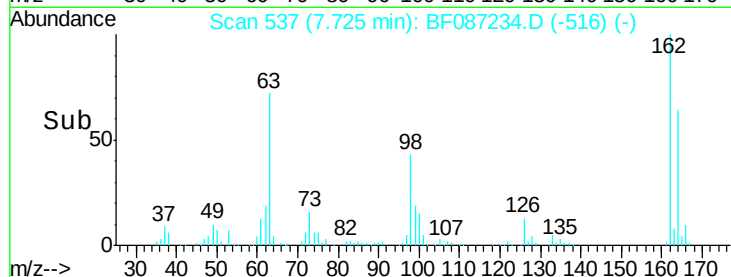
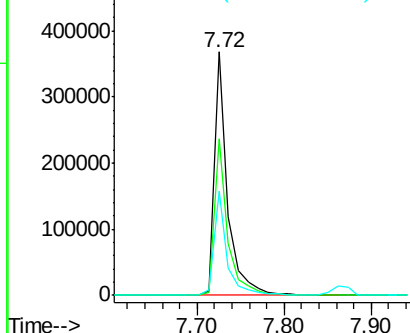
#29
 2,4-Dichlorophenol
 Concen: 47.48 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Instrument :
 BNA_F
 ClientSampleID :
 PB90764BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.2	82.2
98	42.9	19.0	59.0

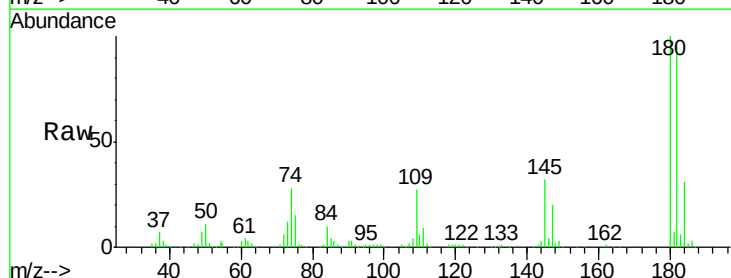


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

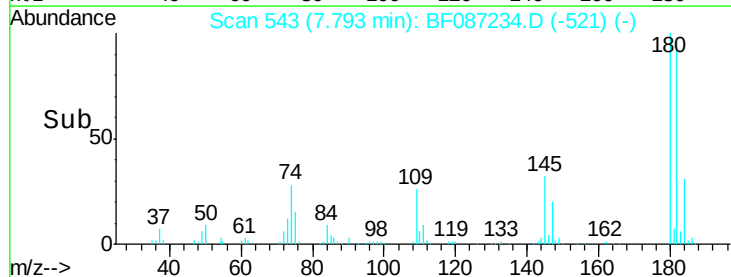
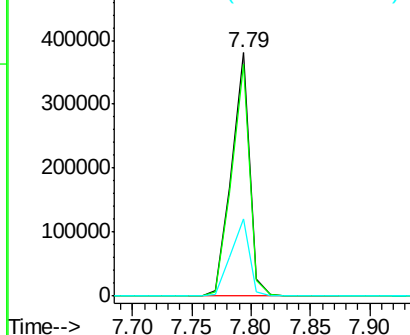


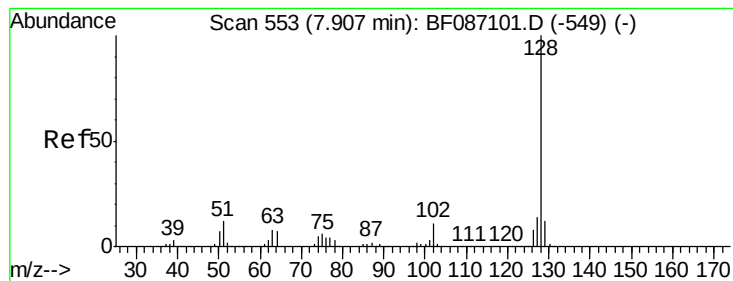
#30
 1,2,4-Trichlorobenzene
 Concen: 43.68 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	31.5	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: 42.49 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

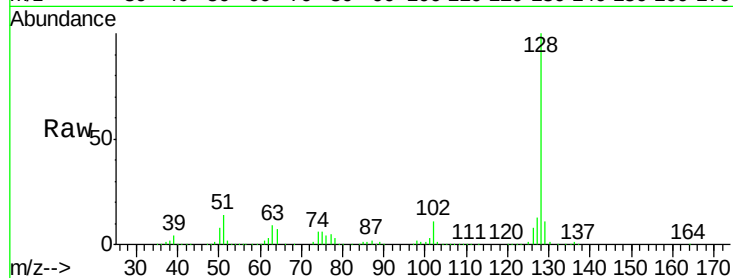
Tgt Ion:128 Resp: 1264635

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

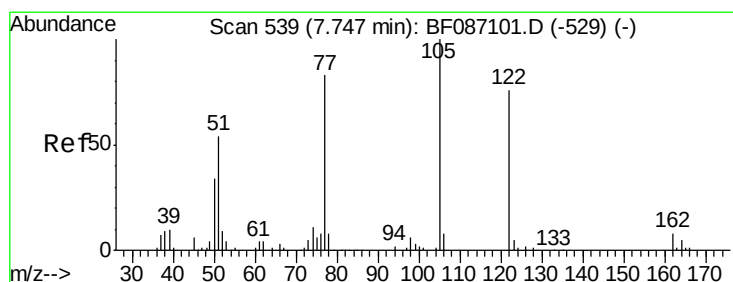
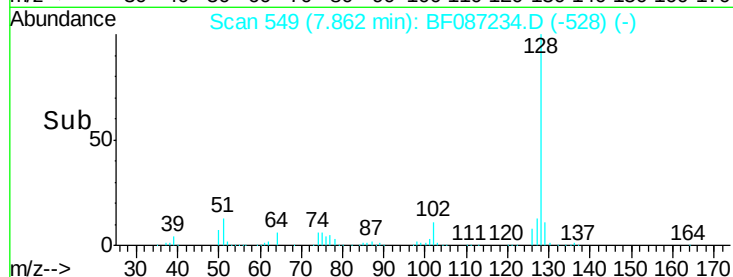
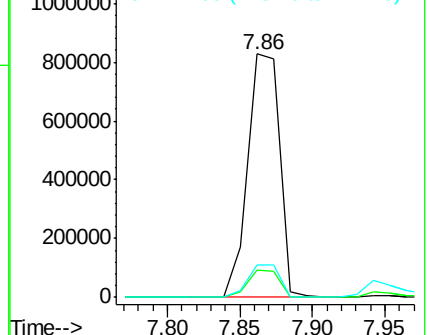
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.57 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

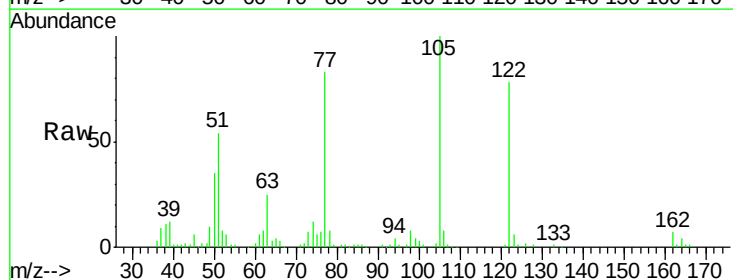
Tgt Ion:122 Resp: 228182

Ion Ratio Lower Upper

122 100

105 127.9 92.6 132.6

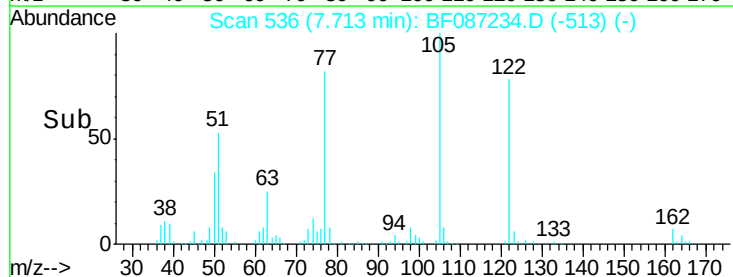
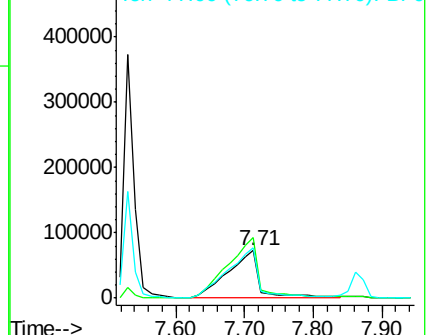
77 106.5 60.0 100.0#

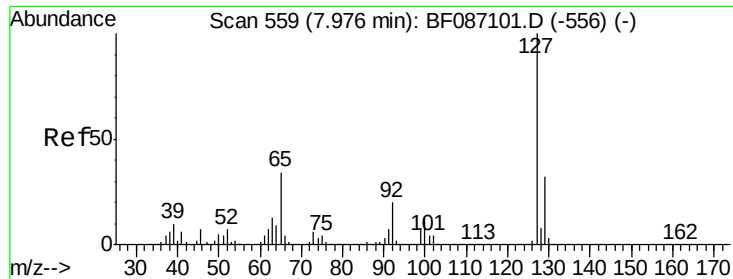


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

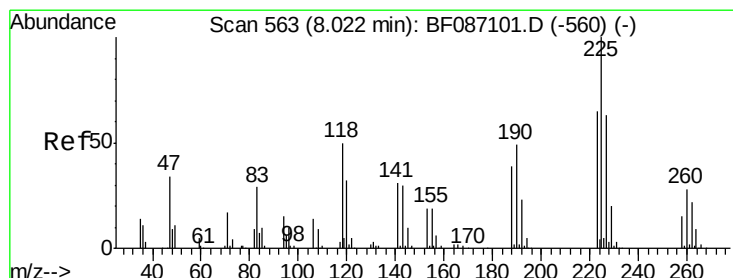
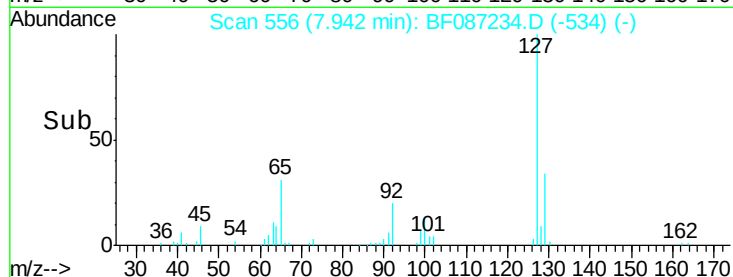
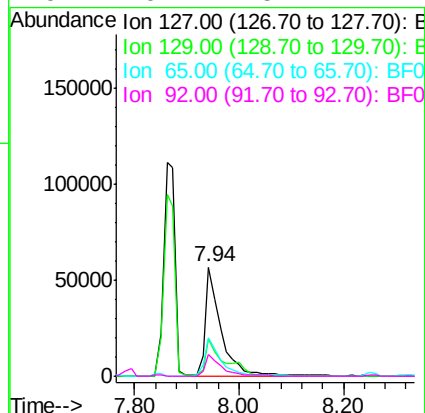
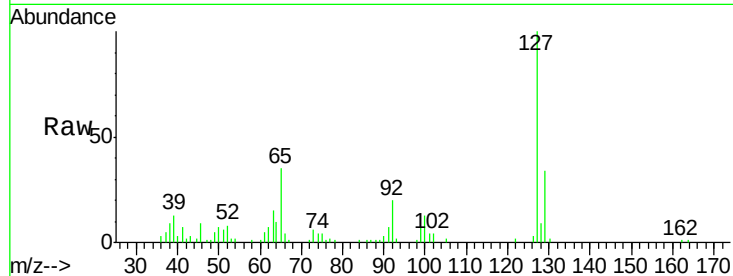




#33
 4-Chloroaniline
 Concen: 9.80 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

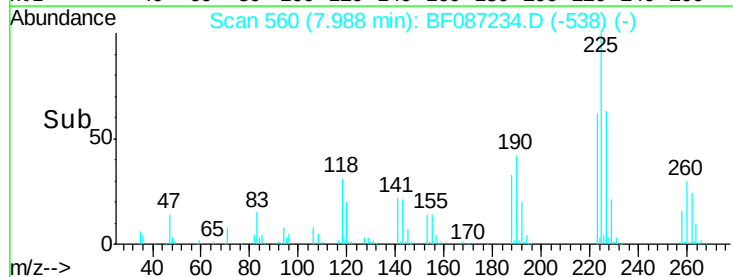
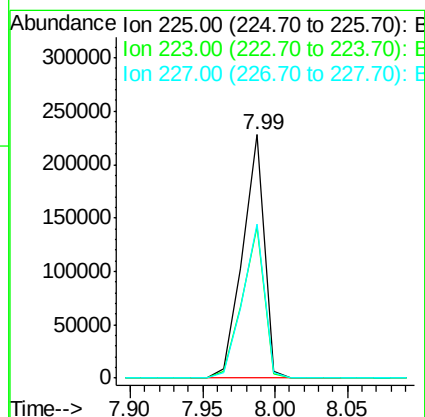
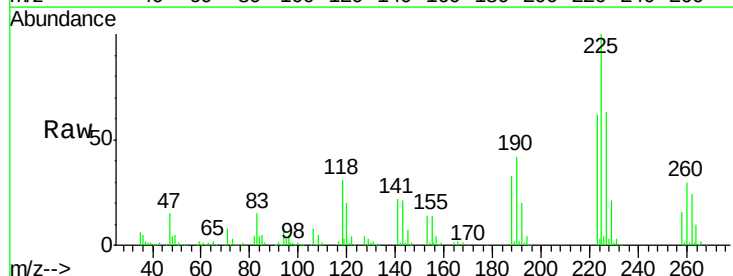
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

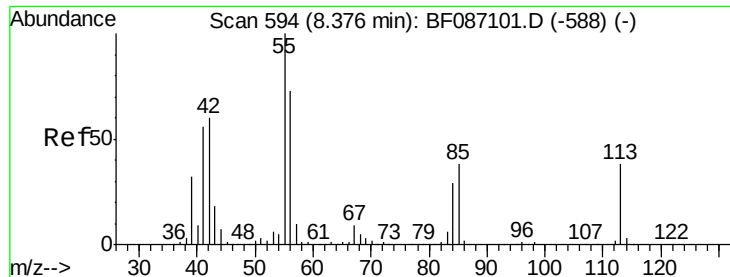
Tgt Ion:	127	Resp:	121273
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.2	39.4
65	35.3	23.0	34.4#
92	19.7	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 45.35 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:	225	Resp:	237463
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.5	77.3
227	63.1	52.2	78.2

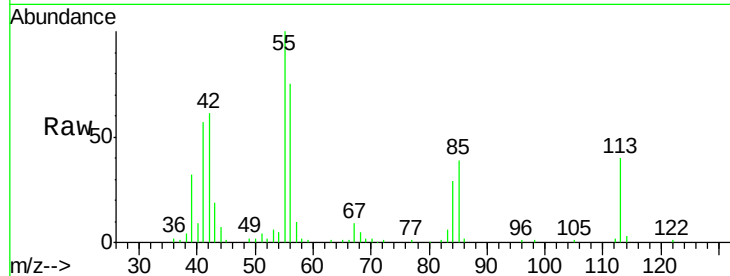




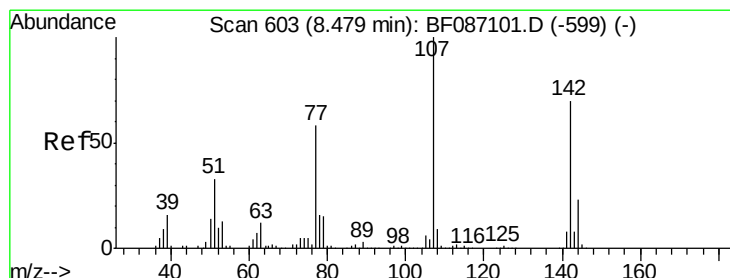
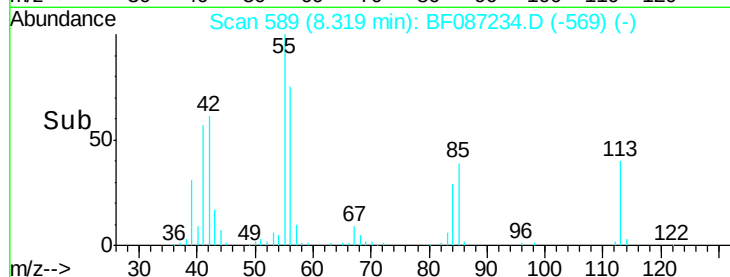
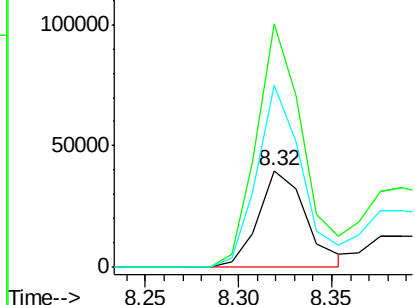
#35
 Caprolactam
 Concen: 25.51 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.07 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Tgt Ion:113 Resp: 70623
 Ion Ratio Lower Upper
 113 100
 55 251.0 162.0 202.0#
 56 187.1 115.3 155.3#

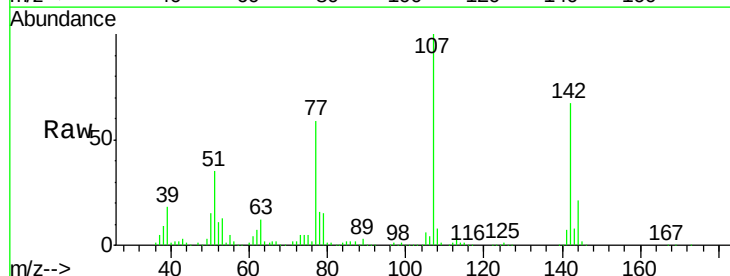


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

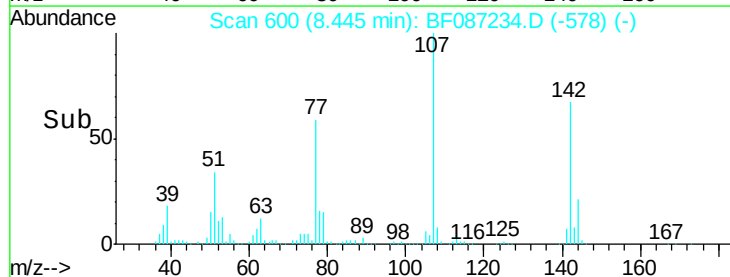
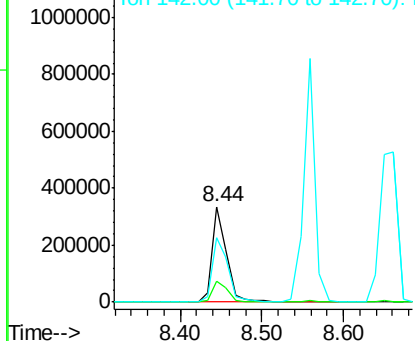


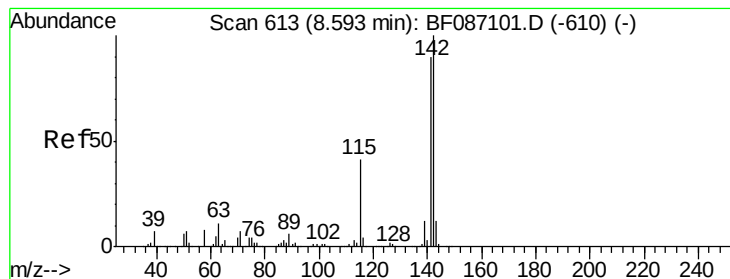
#36
 4-Chloro-3-methylphenol
 Concen: 41.75 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:107 Resp: 418755
 Ion Ratio Lower Upper
 107 100
 144 21.4 20.7 31.1
 142 67.0 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: 41.30 ng

RT: 8.66 min Scan# 619

Delta R.T. 0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

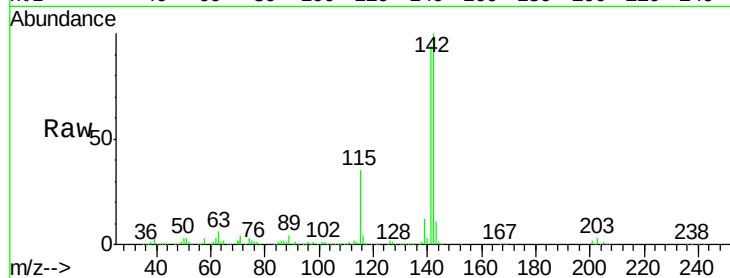
Tgt Ion:142 Resp: 786357

Ion Ratio Lower Upper

142 100

141 93.7 71.0 106.6

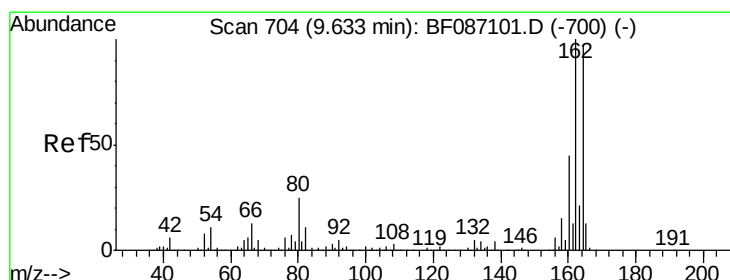
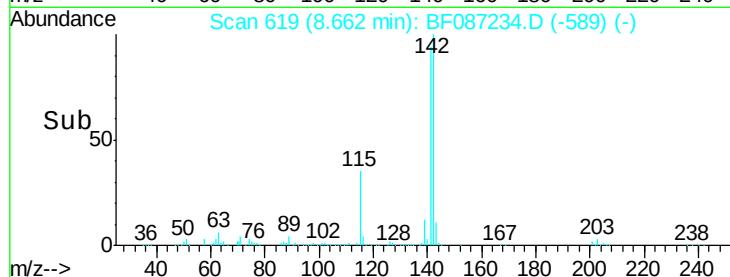
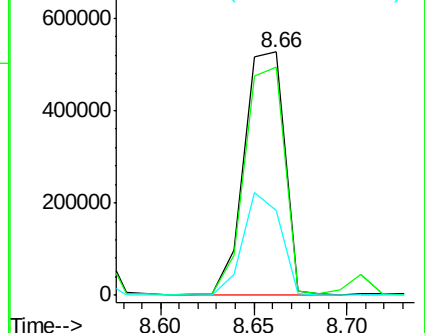
115 34.7 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

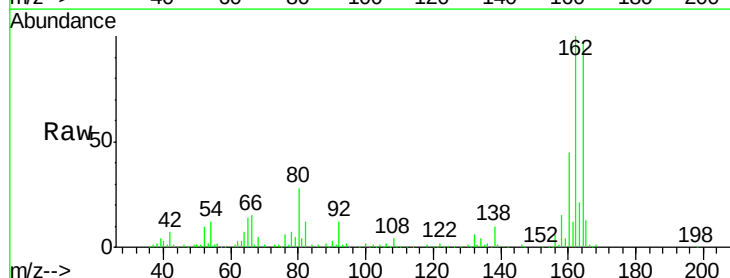
Tgt Ion:164 Resp: 299225

Ion Ratio Lower Upper

164 100

162 103.2 82.8 124.2

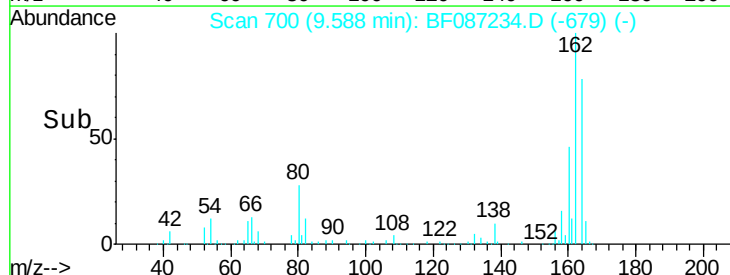
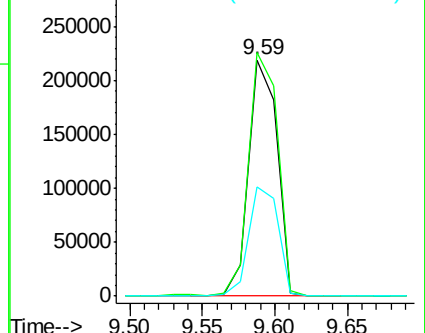
160 46.4 36.9 55.3

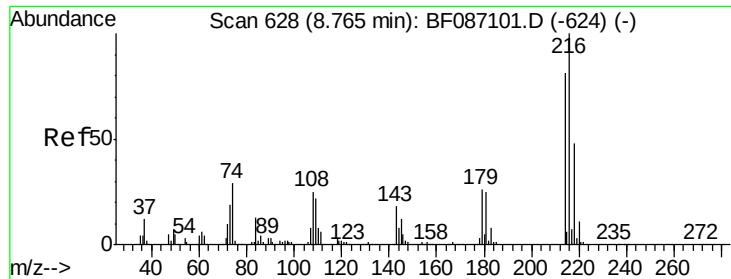


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

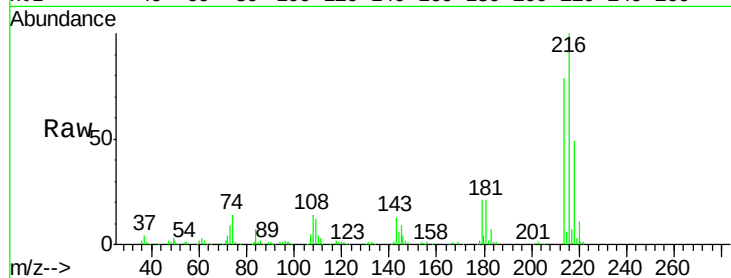




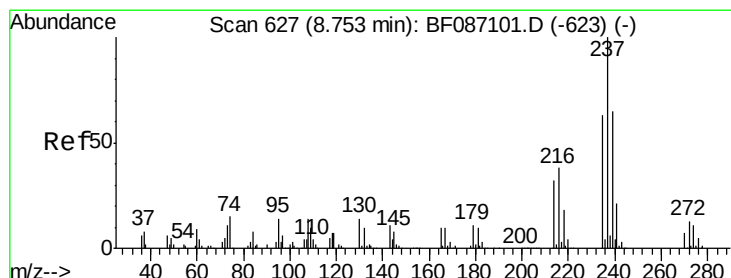
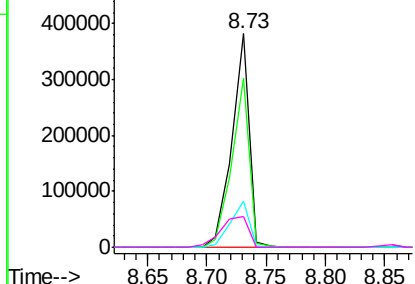
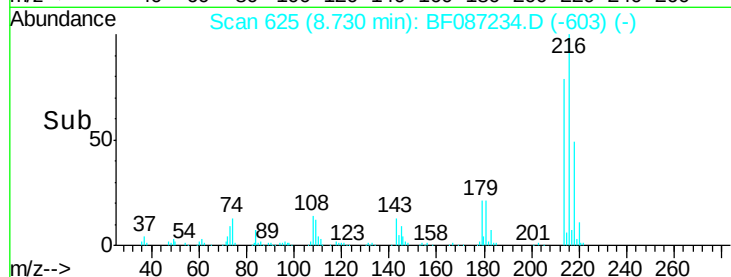
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.17 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Tgt Ion:	216	Resp:	386031
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.6	93.8
179	23.3	18.2	27.4
108	23.1	17.5	26.3

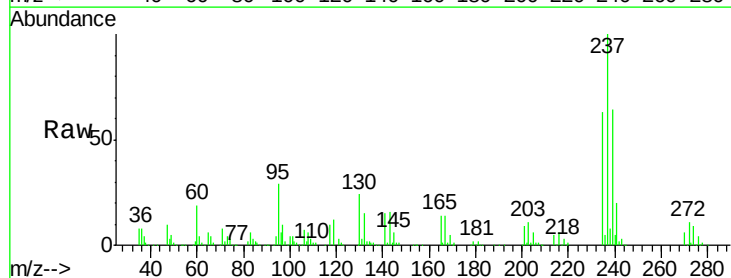


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

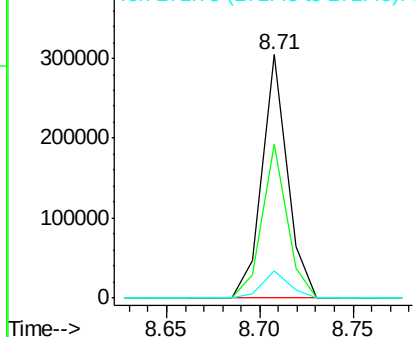
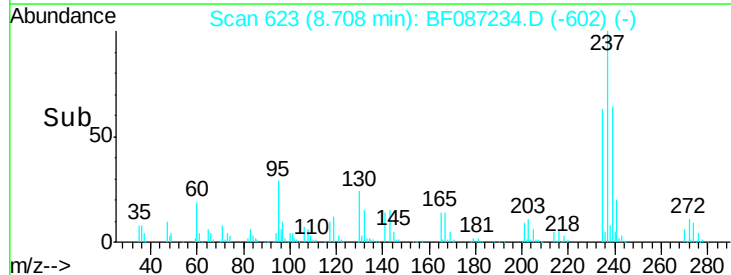


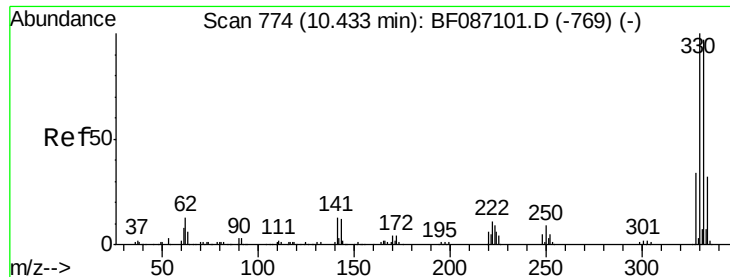
#40
 Hexachlorocyclopentadiene
 Concen: 84.31 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:	237	Resp:	286127
Ion	Ratio	Lower	Upper
237	100		
235	63.4	47.2	87.2
272	11.0	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

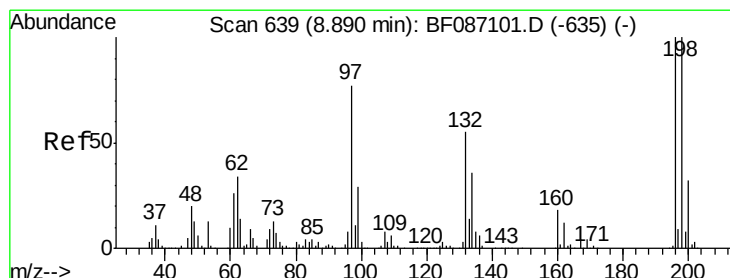
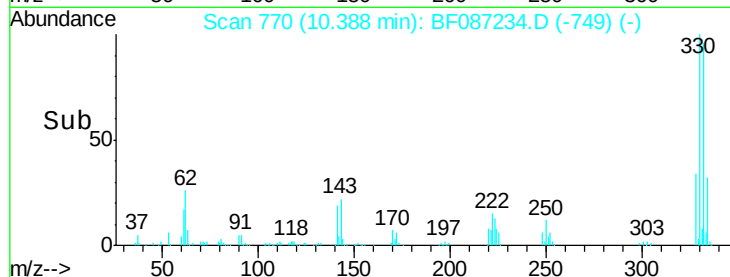
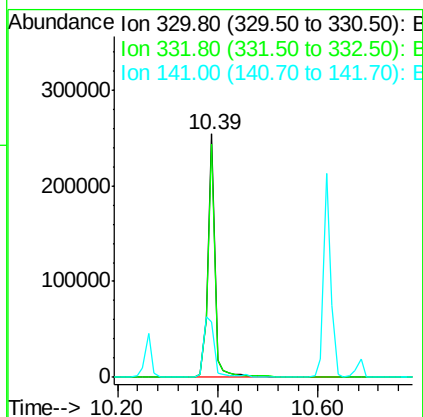
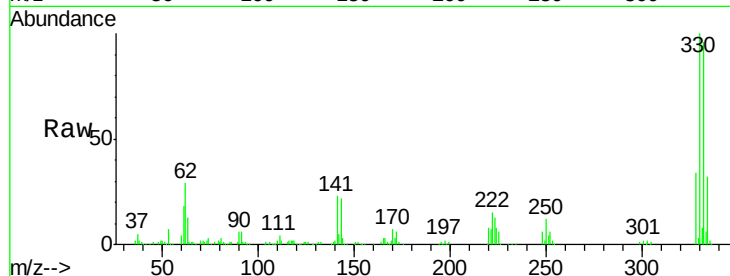




#41
 2,4,6-Tribromophenol
 Concen: 76.63 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

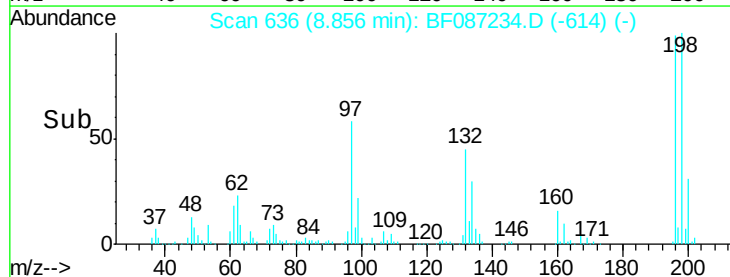
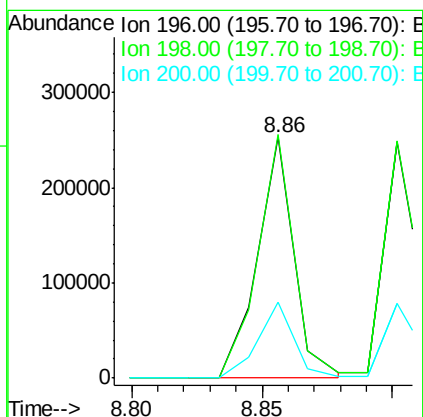
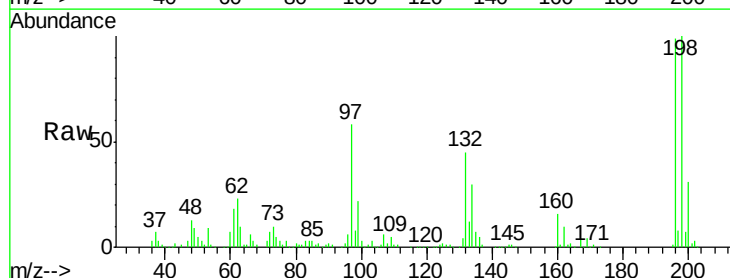
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

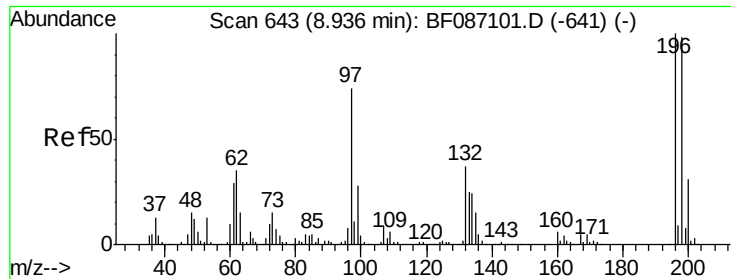
Tgt Ion:330 Resp: 253384
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 36.7 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.79 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:196 Resp: 248194
 Ion Ratio Lower Upper
 196 100
 198 101.0 74.7 112.1
 200 31.7 23.8 35.6

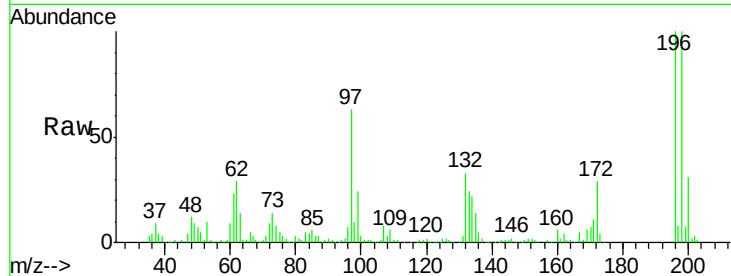




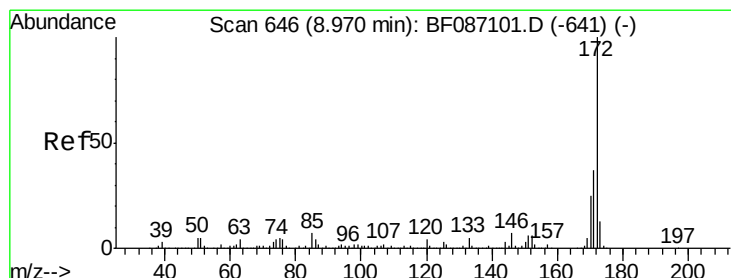
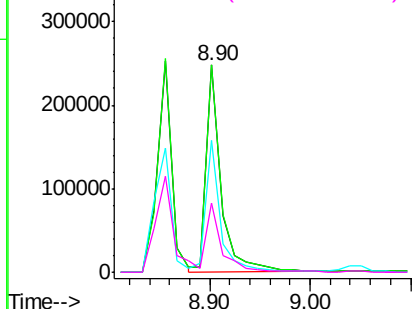
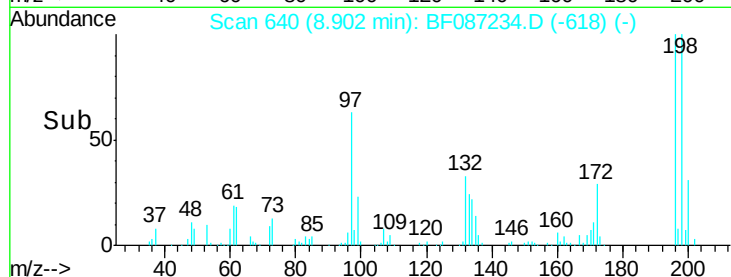
#43
 2,4,5-Trichlorophenol
 Concen: 43.19 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	77.5	116.3
97	63.7	34.8	52.2
132	33.5	23.0	34.4

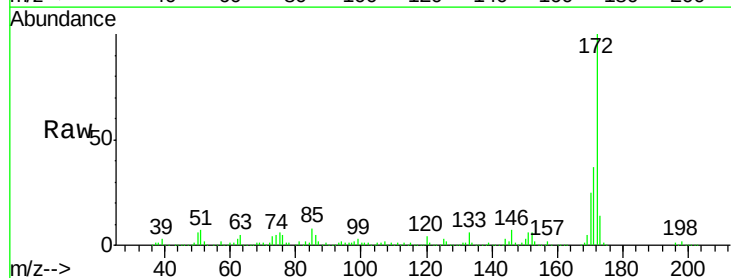


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

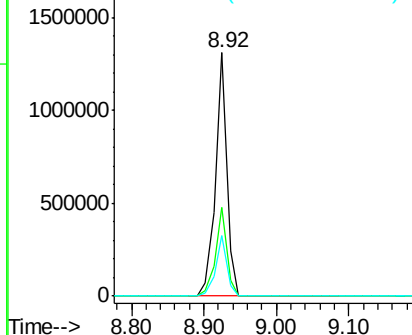
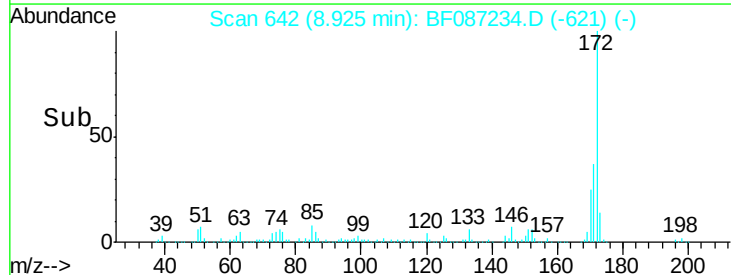


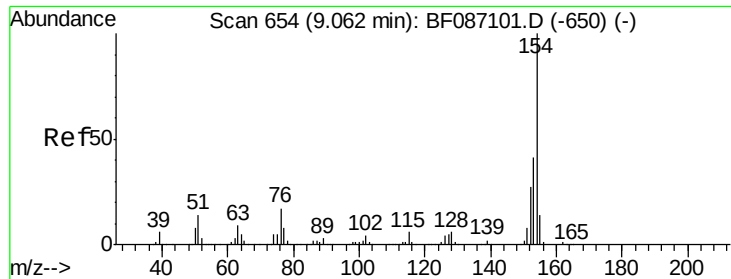
#44
 2-Fluorobiphenyl
 Concen: 79.40 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	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: 46.17 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampled :

PB90764BS

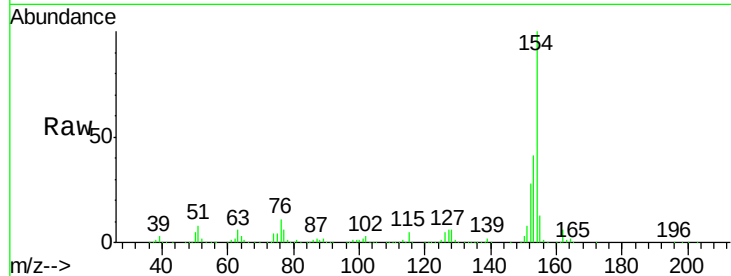
Tgt Ion:154 Resp: 1145558

Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

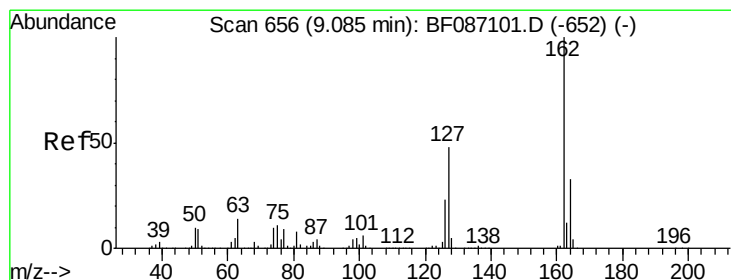
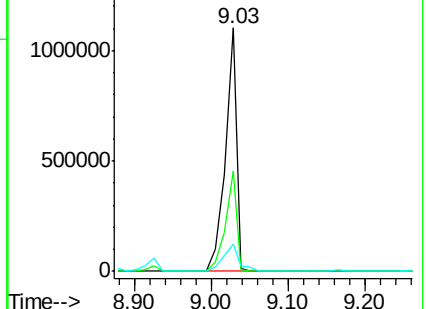
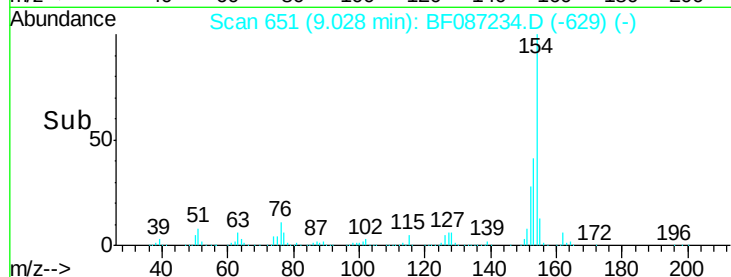
76 11.1 0.0 30.2



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: 44.18 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

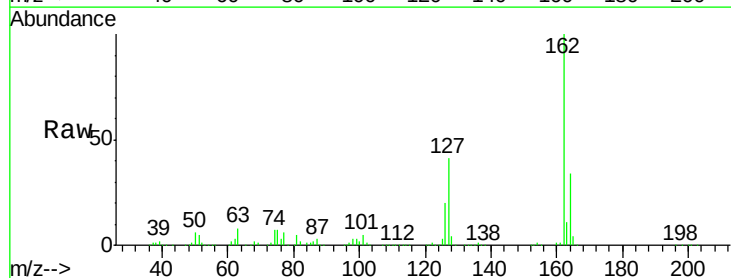
Tgt Ion:162 Resp: 841449

Ion Ratio Lower Upper

162 100

127 41.1 31.8 47.6

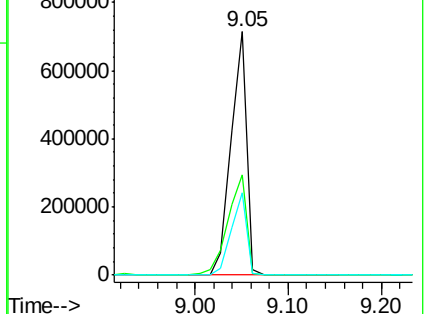
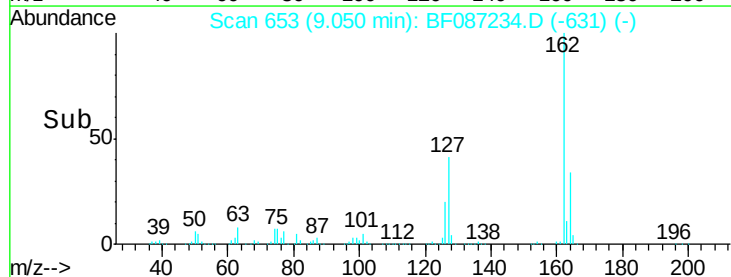
164 33.7 27.0 40.6

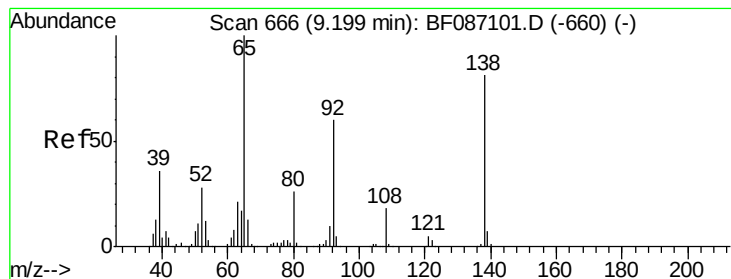


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.56 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

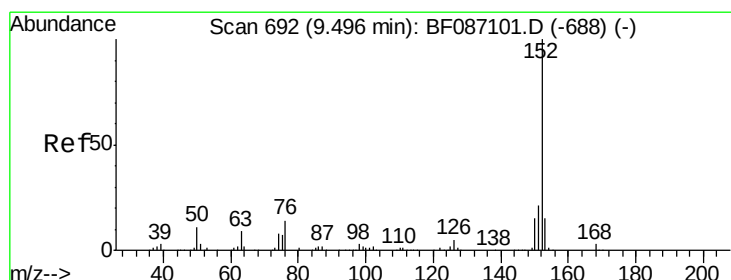
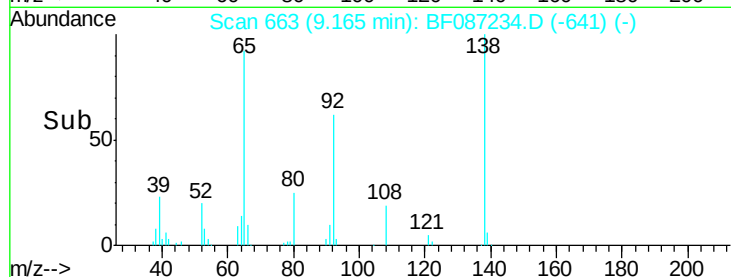
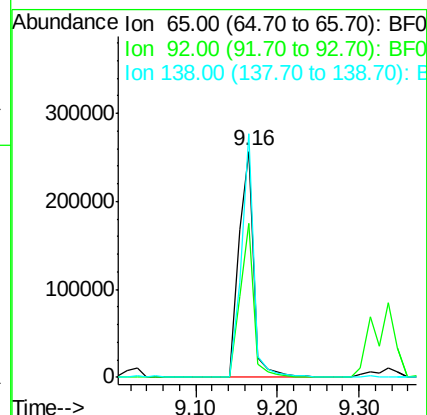
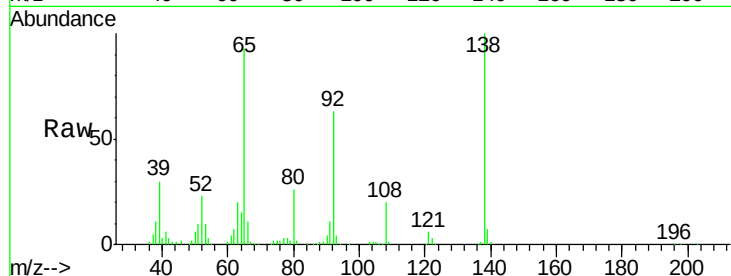
Tgt Ion: 65 Resp: 325228

Ion Ratio Lower Upper

65 100

92 67.9 57.4 86.2

138 107.6 90.1 135.1



#48

Acenaphthylene

Concen: 42.78 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

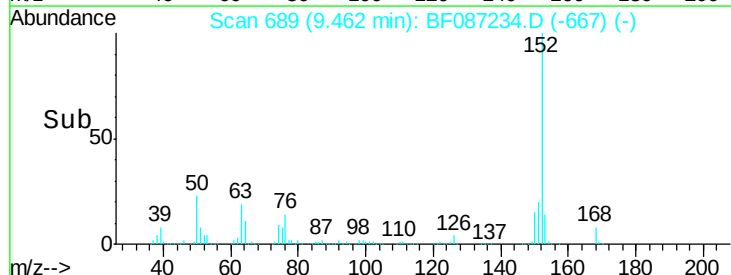
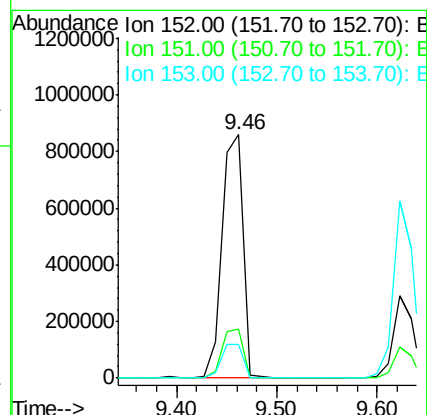
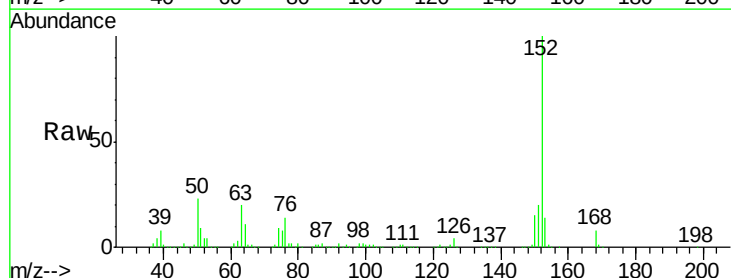
Tgt Ion: 152 Resp: 1244182

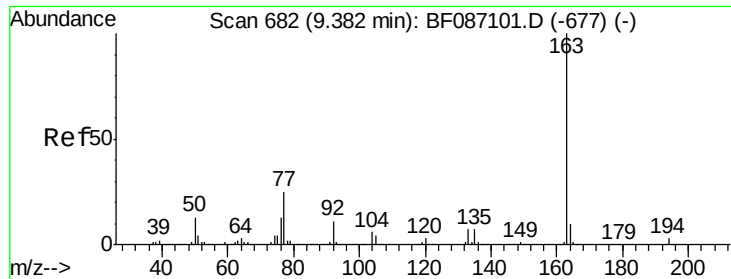
Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 43.76 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

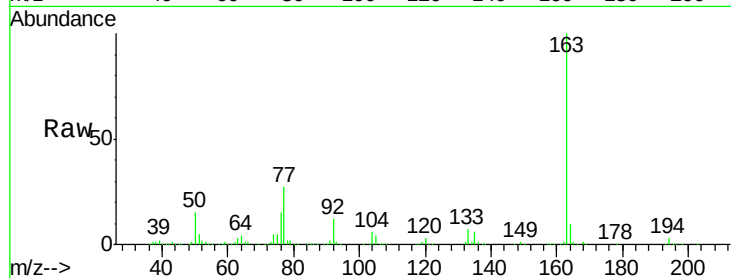
Tgt Ion:163 Resp: 998781

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

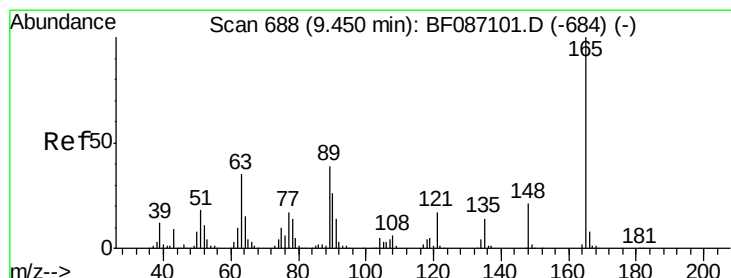
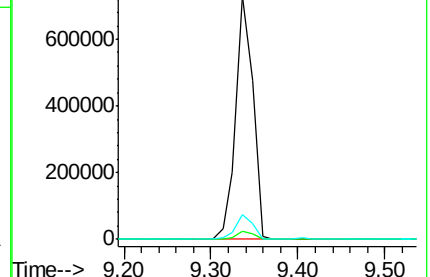
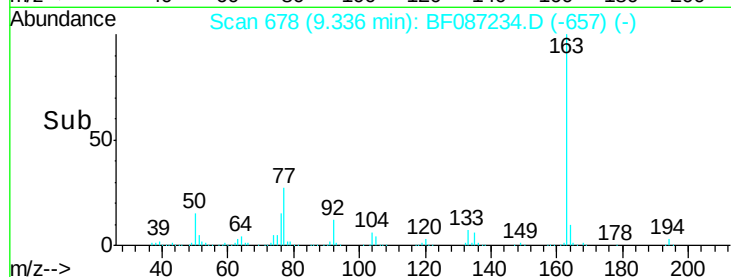
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.99 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

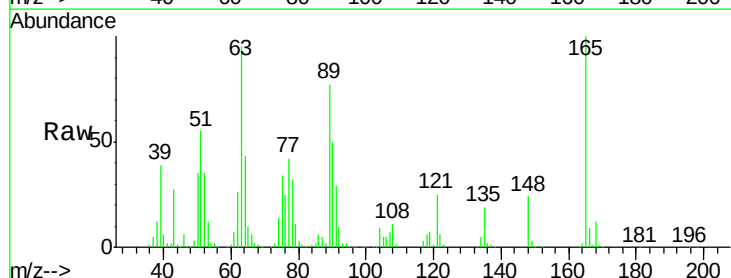
Tgt Ion:165 Resp: 198183

Ion Ratio Lower Upper

165 100

63 95.1 51.8 77.8#

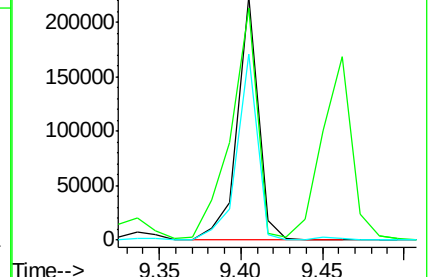
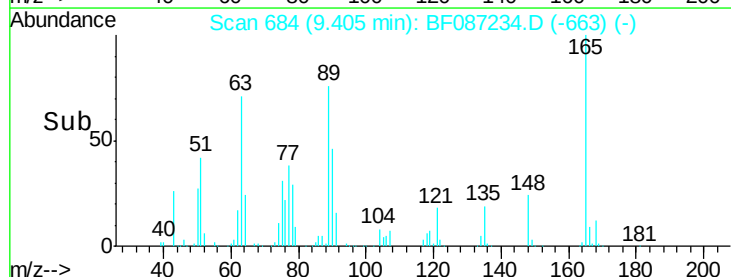
89 76.5 50.7 76.1#

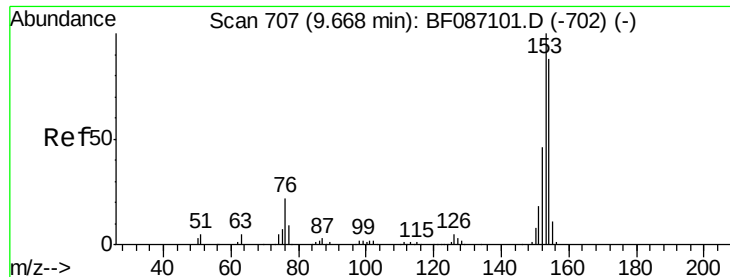


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.37 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

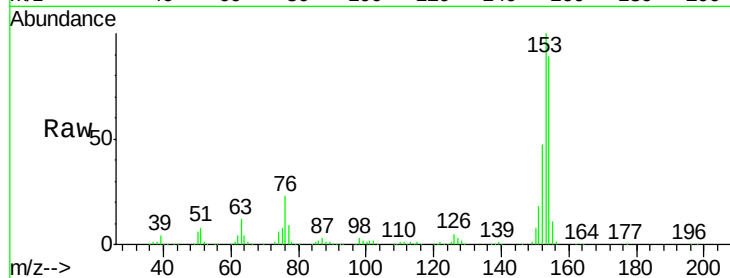
Tgt Ion:154 Resp: 733474

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

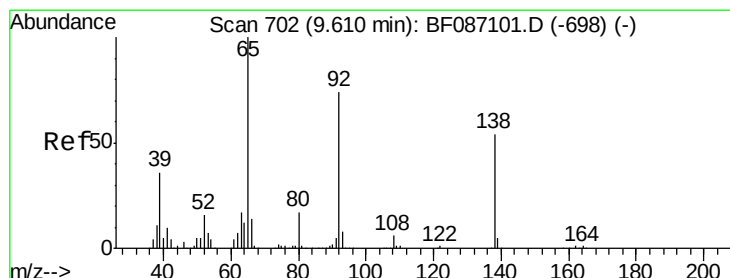
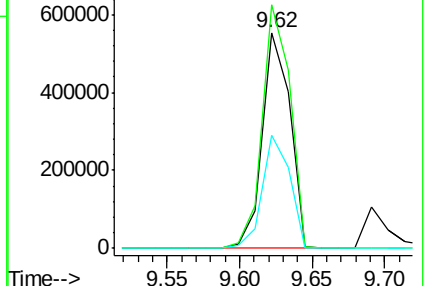
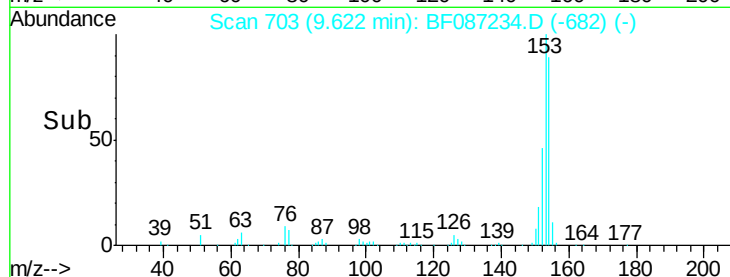
152 52.6 43.4 65.0



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: 15.34 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

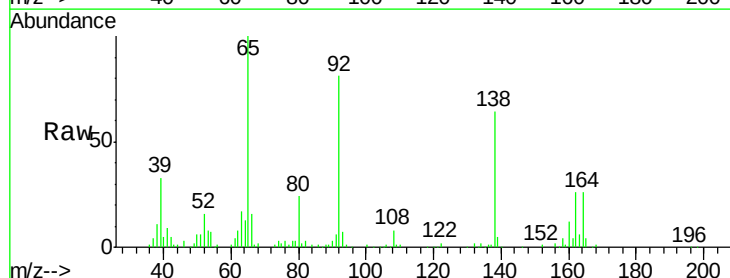
Tgt Ion:138 Resp: 82304

Ion Ratio Lower Upper

138 100

108 12.2 7.8 11.6#

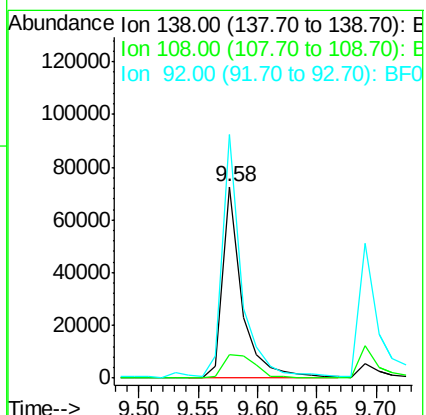
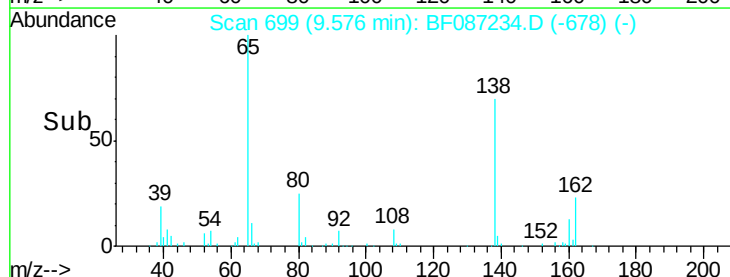
92 127.2 87.8 131.8

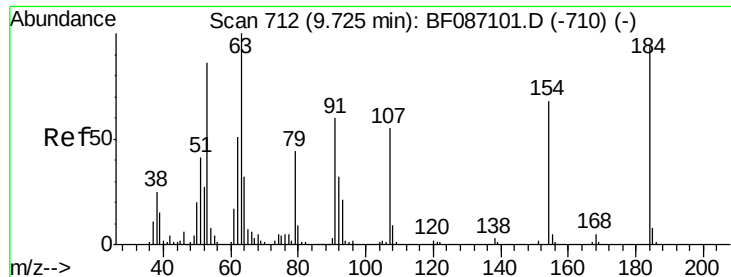


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

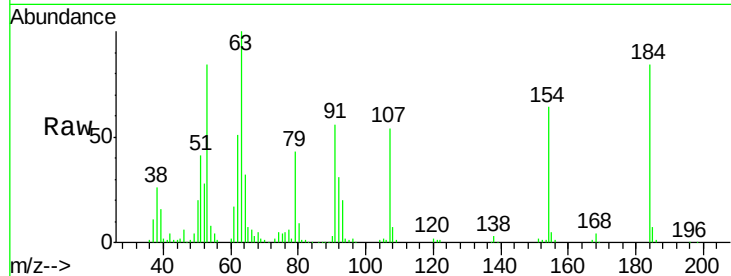




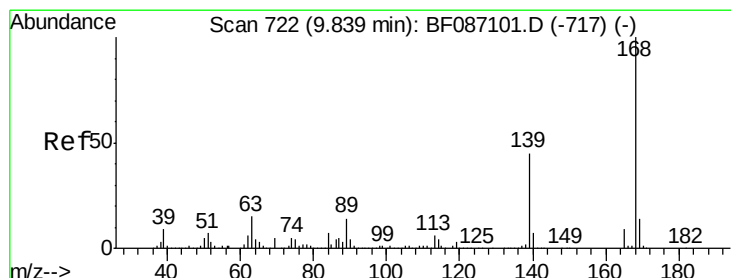
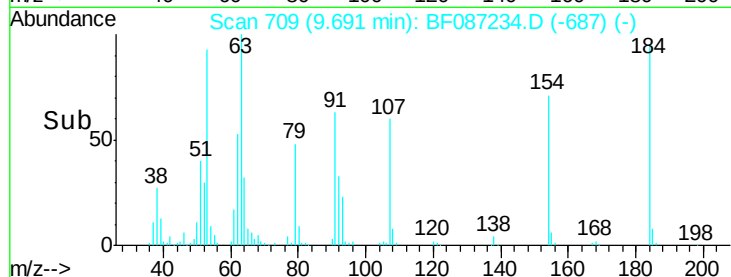
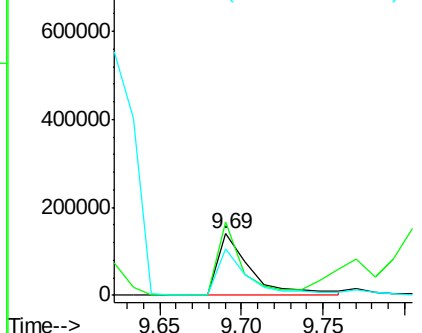
#53
 2,4-Dinitrophenol
 Concen: 70.50 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Tgt Ion:184 Resp: 198525
 Ion Ratio Lower Upper
 184 100
 63 118.7 55.8 83.8#
 154 75.7 62.4 93.6

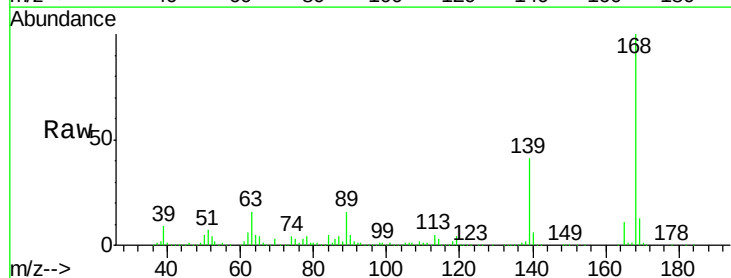


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

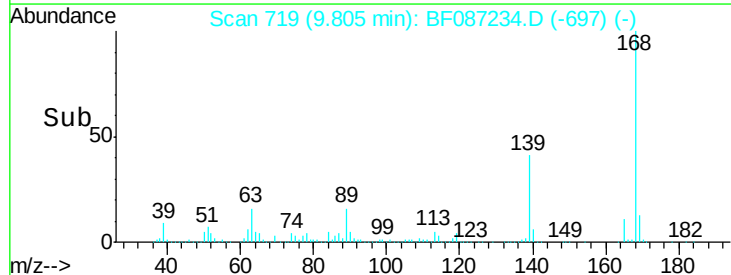
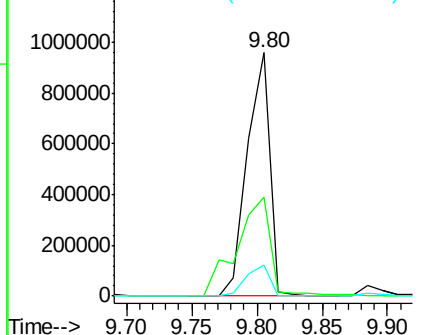


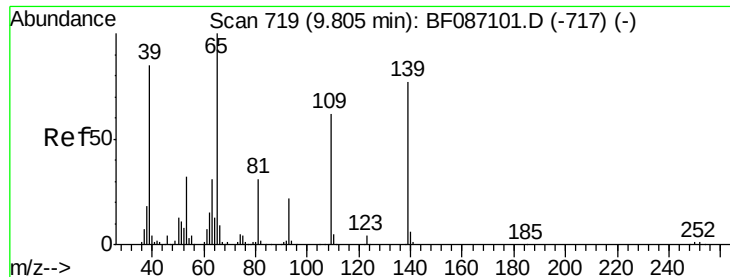
#54
 Dibenzofuran
 Concen: 49.02 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.05 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:168 Resp: 1151822
 Ion Ratio Lower Upper
 168 100
 139 40.7 31.4 47.0
 169 13.0 10.7 16.1



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





#55

4-Nitrophenol

Concen: 128.67 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

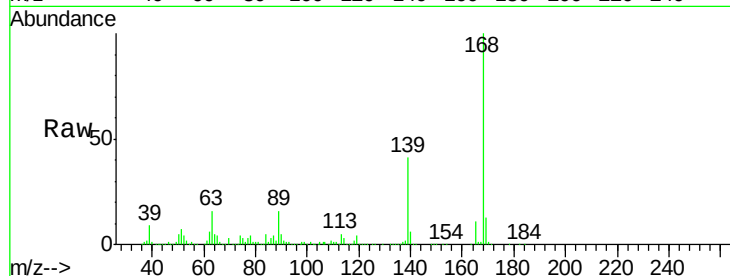
Tgt Ion:139 Resp: 729401

Ion Ratio Lower Upper

139 100

109 4.8 36.9 76.9#

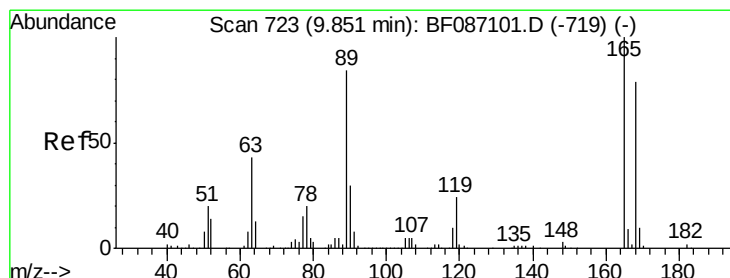
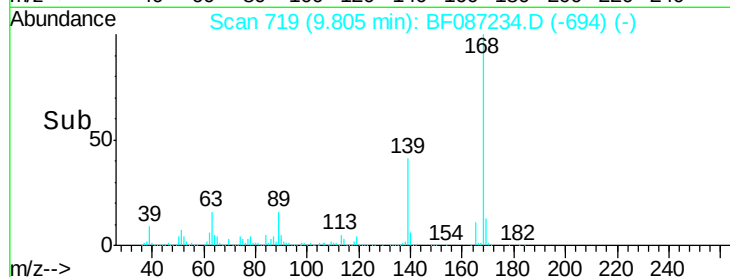
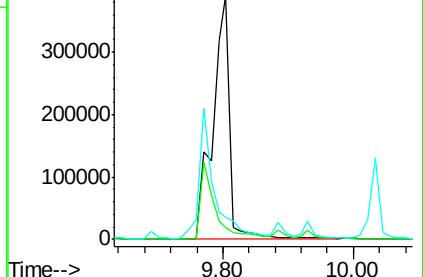
65 9.4 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.92 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Tgt Ion:165 Resp: 297814

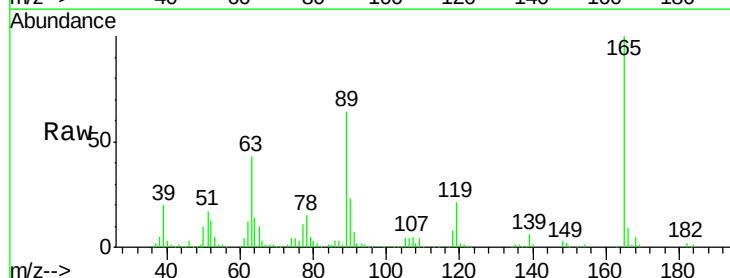
Ion Ratio Lower Upper

165 100

63 43.2 44.3 66.5#

89 64.4 70.0 105.0#

182 2.3 1.8 2.6

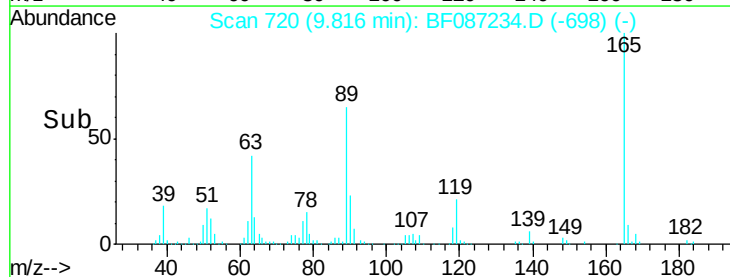
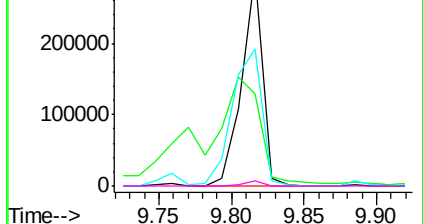


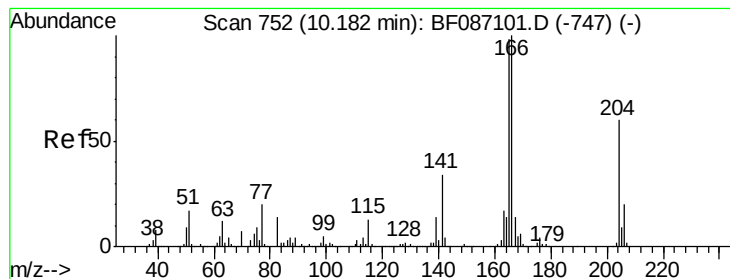
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.79 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

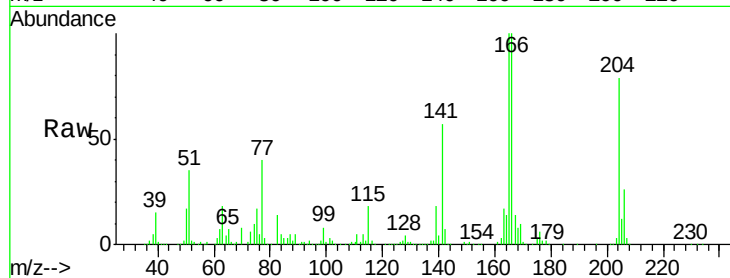
Tgt Ion:166 Resp: 807834

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.6

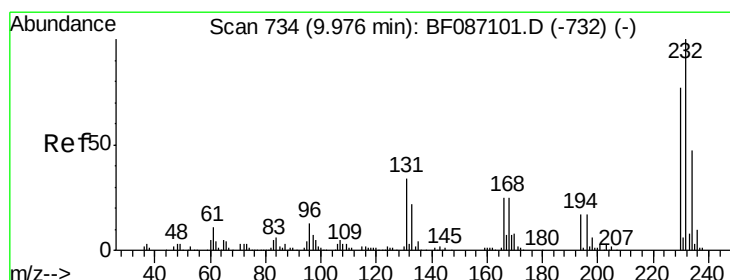
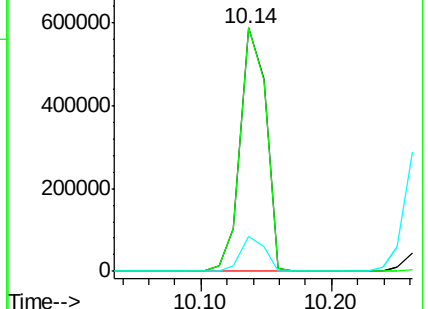
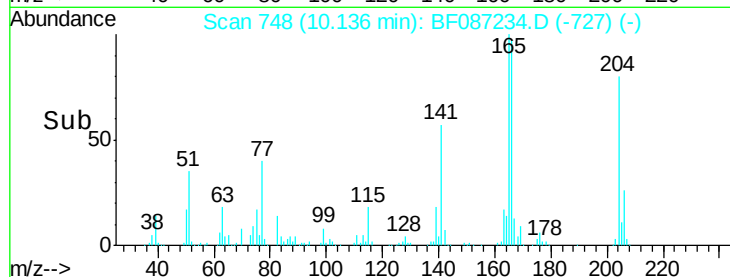
167 14.2 10.6 15.8



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: 46.54 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Tgt Ion:232 Resp: 213428

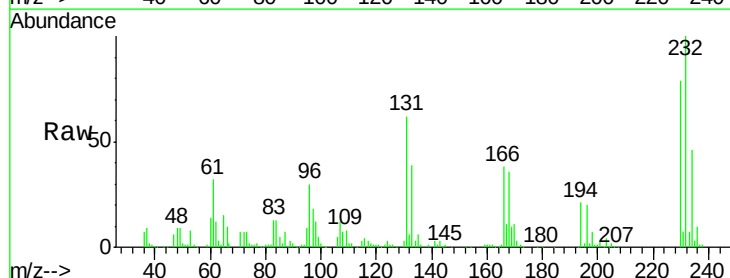
Ion Ratio Lower Upper

232 100

131 55.9 41.9 62.9

130 2.5 2.2 3.4

166 32.8 26.8 40.2

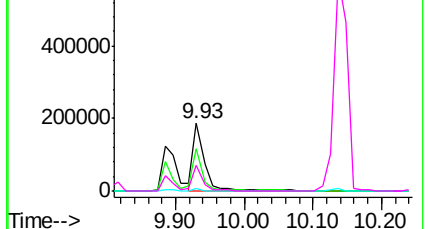
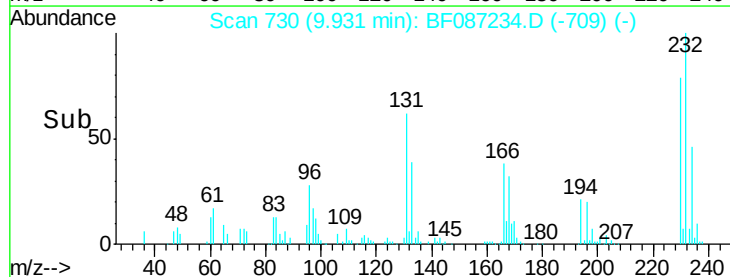


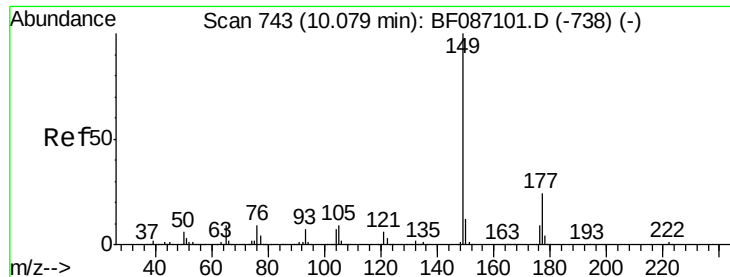
Abundance Ion 232.00 (231.70 to 232.70): E

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

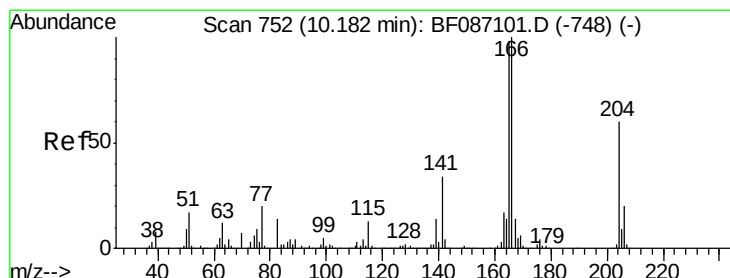
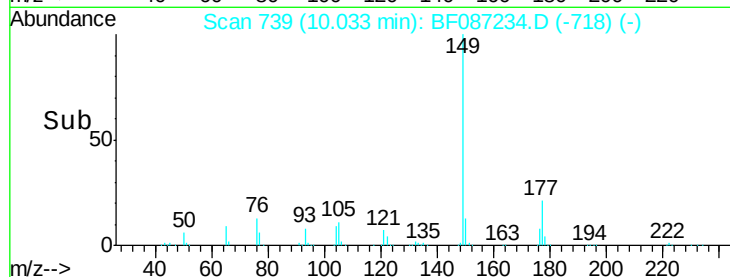
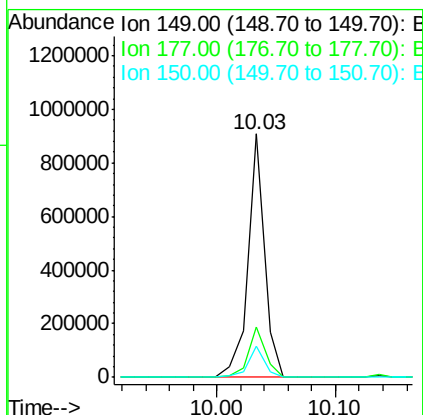
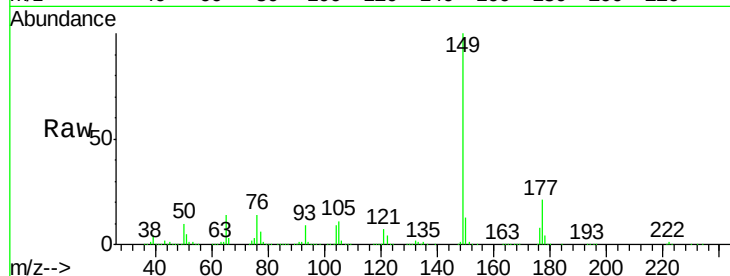




#59
Diethylphthalate
Concen: 40.83 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

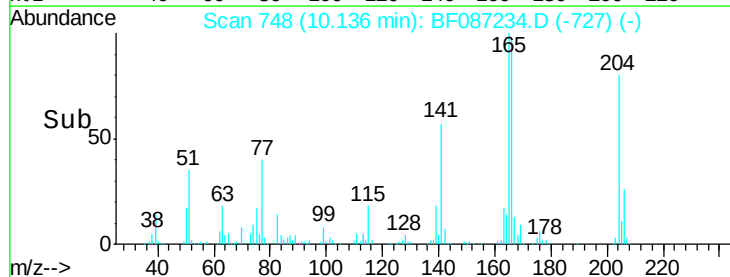
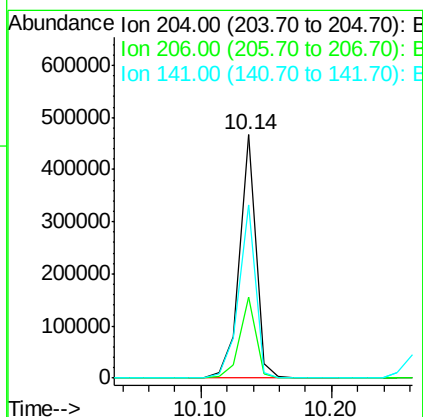
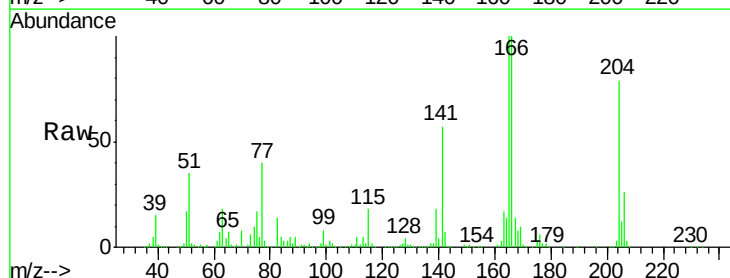
Instrument :
BNA_F
ClientSampleId :
PB90764BS

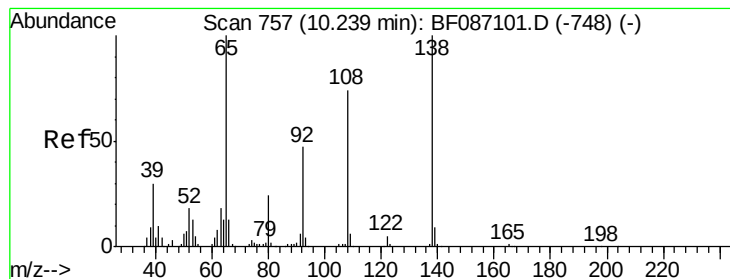
Tgt Ion:149 Resp: 889815
Ion Ratio Lower Upper
149 100
177 20.8 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 44.96 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Tgt Ion:204 Resp: 402318
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 71.2 61.6 92.4





#61

4-Nitroaniline

Concen: 35.91 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

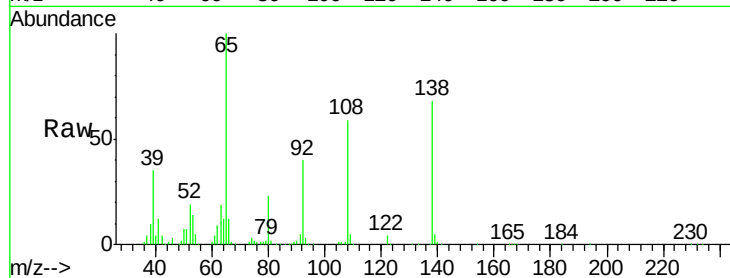
Tgt Ion:138 Resp: 190234

Ion Ratio Lower Upper

138 100

92 59.4 24.7 64.7

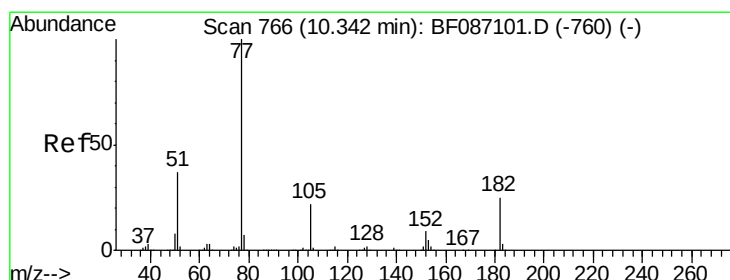
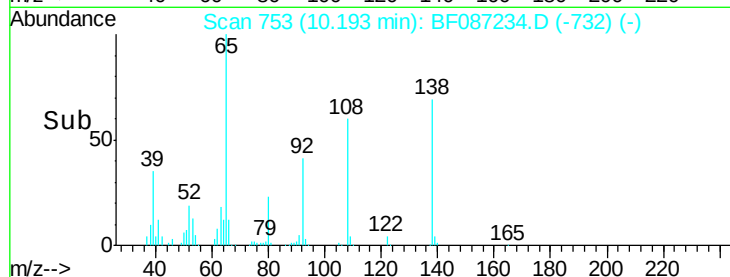
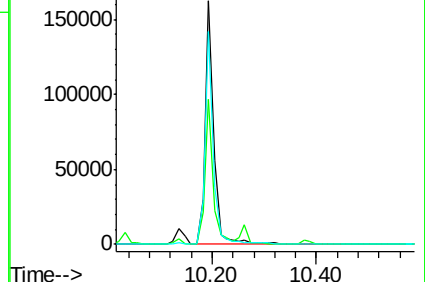
108 87.2 37.4 77.4#



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: 48.07 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Tgt Ion: 77 Resp: 1206942

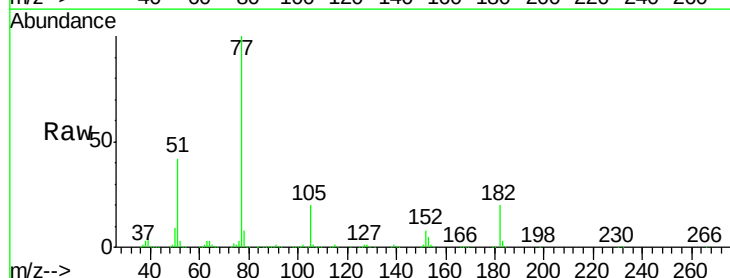
Ion Ratio Lower Upper

77 100

182 19.6 0.0 38.8

105 20.2 3.2 43.2

51 42.0 8.8 48.8

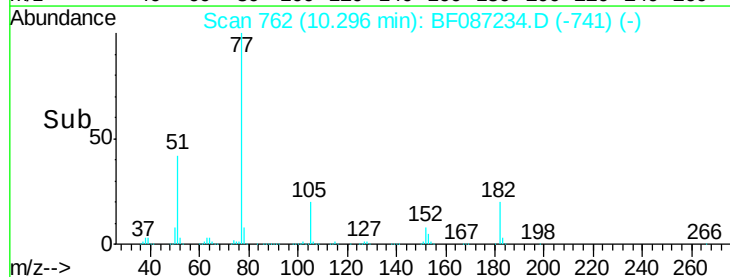
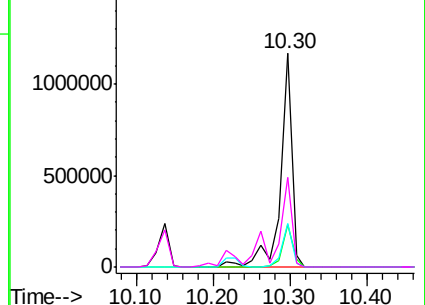


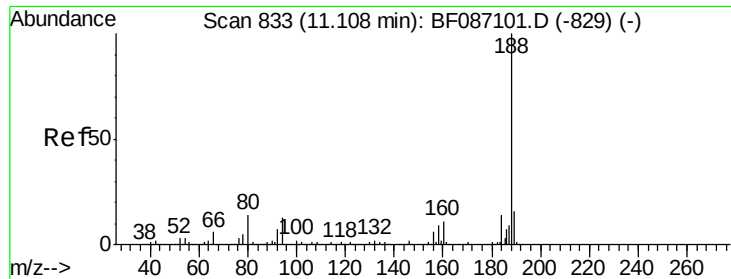
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

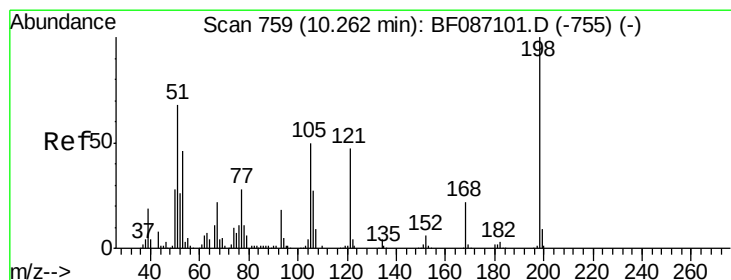
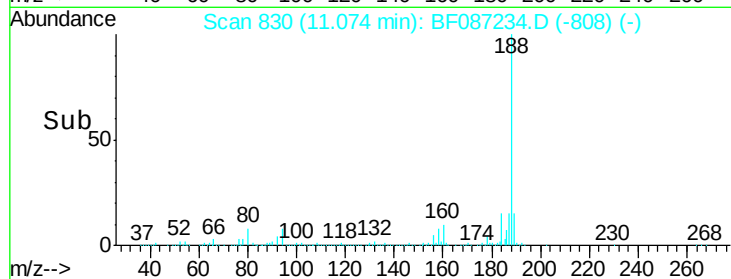
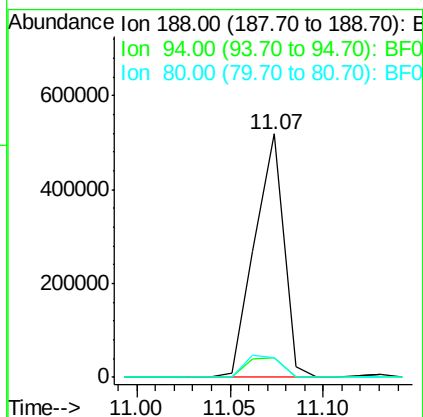
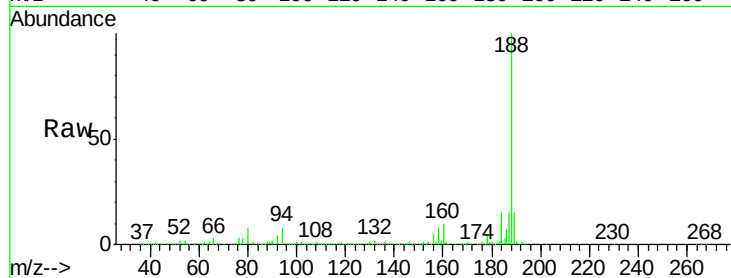




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

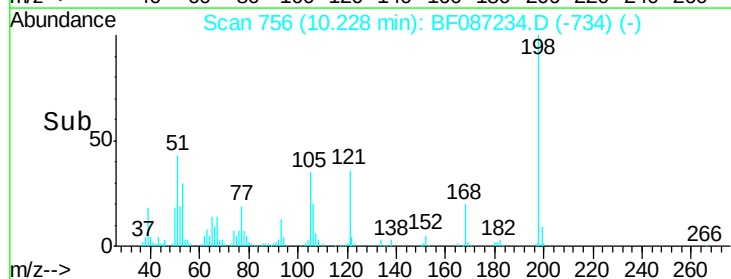
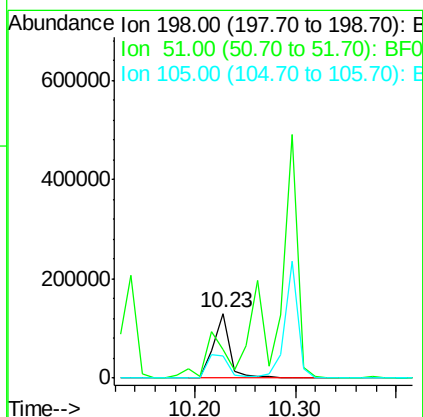
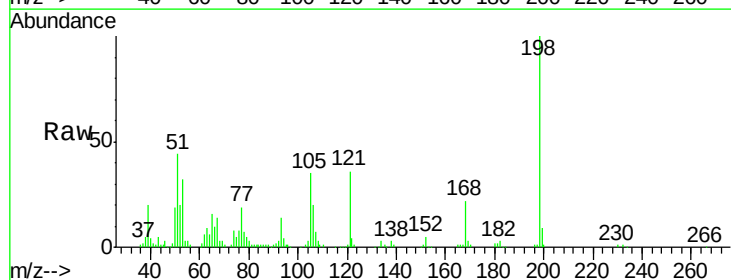
Instrument :
BNA_F
ClientSampleId :
PB90764BS

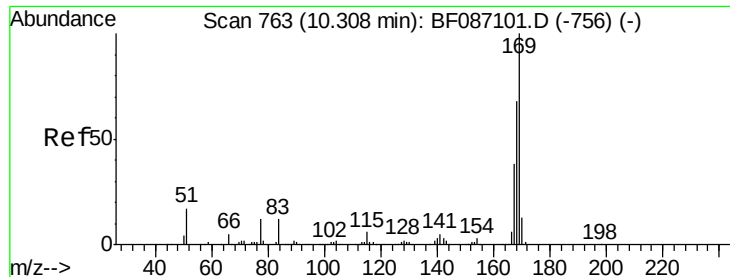
Tgt Ion:188 Resp: 562724
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.0 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 40.59 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.05 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Tgt Ion:198 Resp: 150430
Ion Ratio Lower Upper
198 100
51 44.0 20.5 60.5
105 35.3 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.42 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

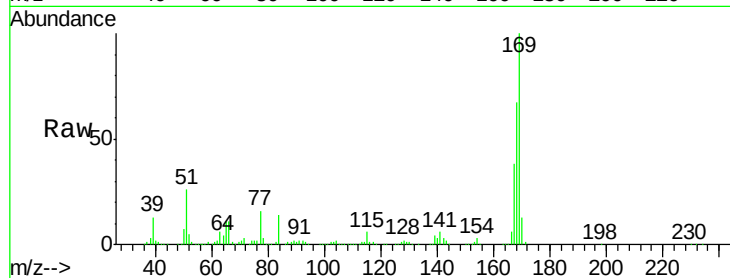
Tgt Ion:169 Resp: 733550

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

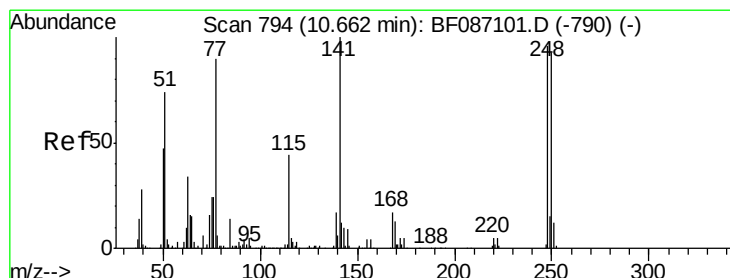
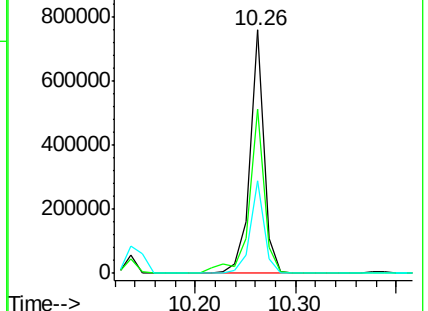
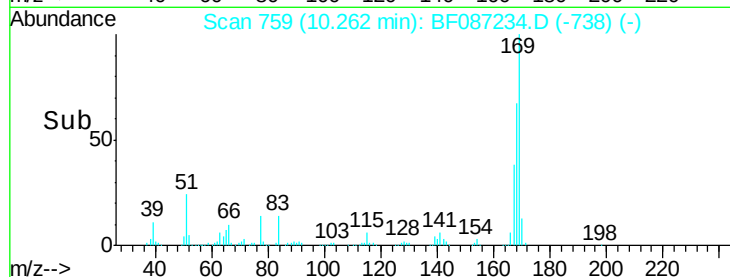
167 37.9 29.5 44.3



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: 43.00 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

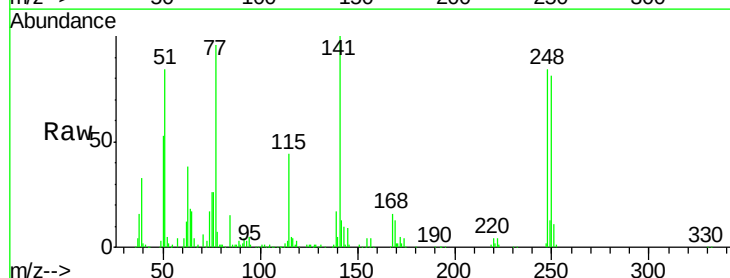
Tgt Ion:248 Resp: 248855

Ion Ratio Lower Upper

248 100

250 96.3 78.6 117.8

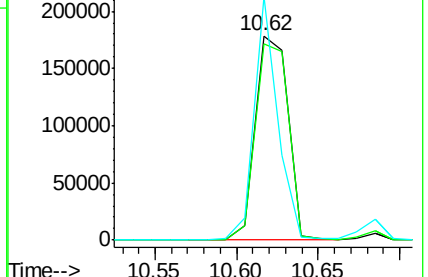
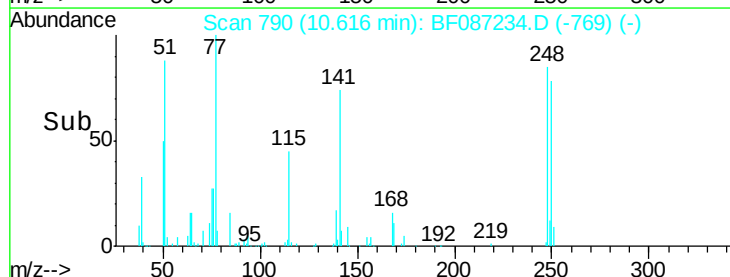
141 119.3 76.0 114.0#

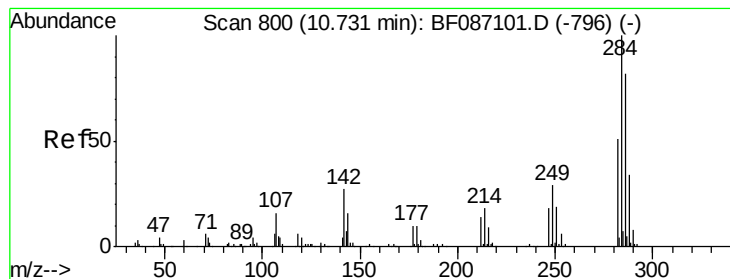


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.61 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

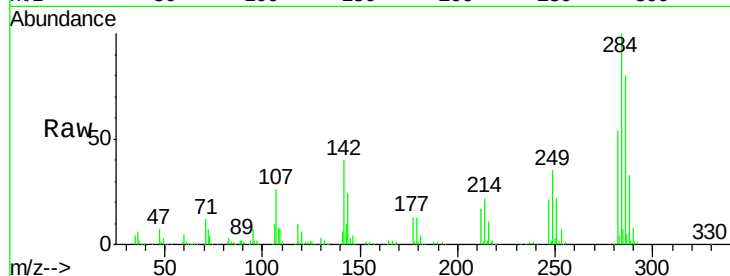
Tgt Ion:284 Resp: 259012

Ion Ratio Lower Upper

284 100

142 40.1 16.7 25.1#

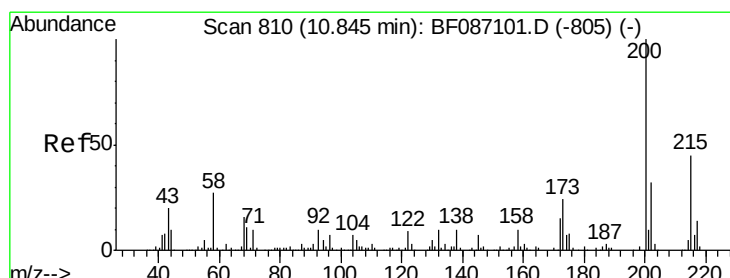
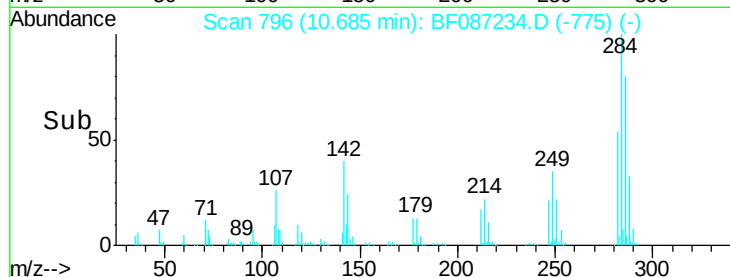
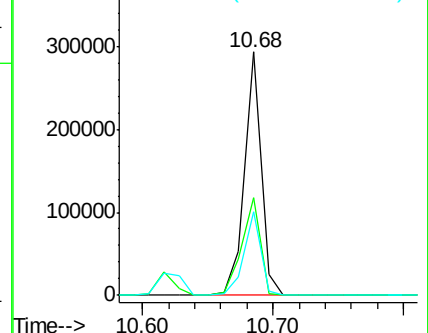
249 34.6 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.82 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

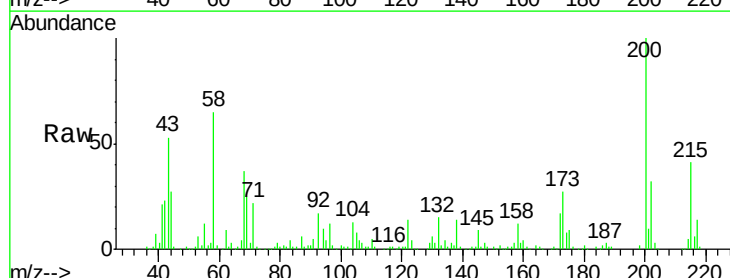
Tgt Ion:200 Resp: 247342

Ion Ratio Lower Upper

200 100

173 26.7 8.5 48.5

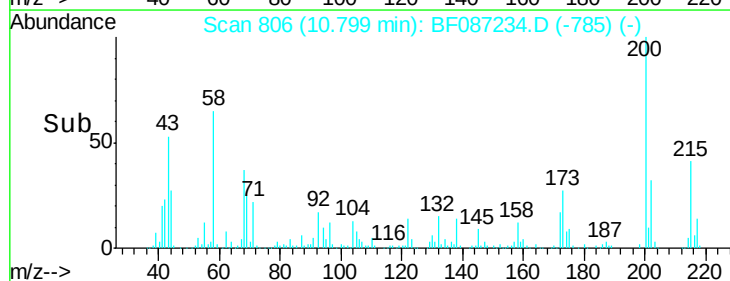
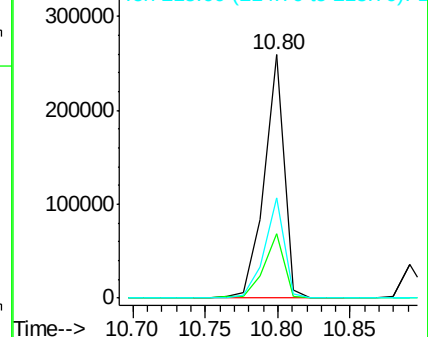
215 41.4 27.2 67.2

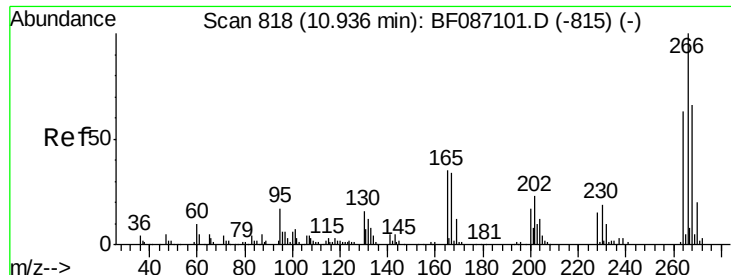


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

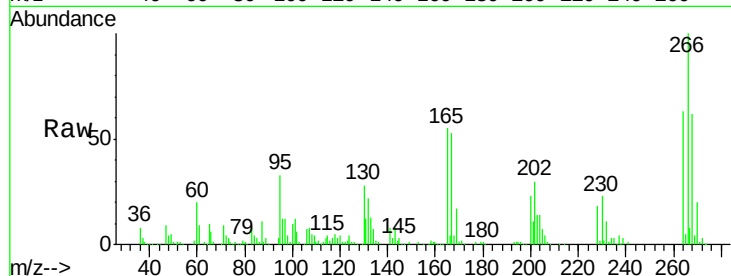




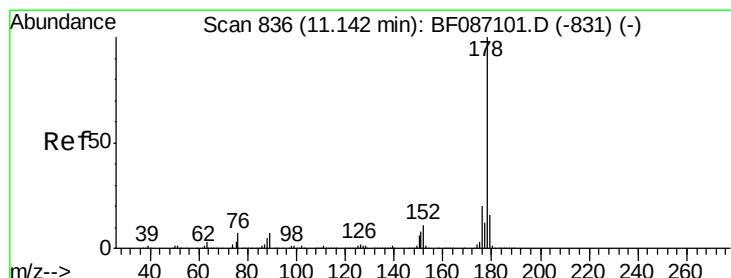
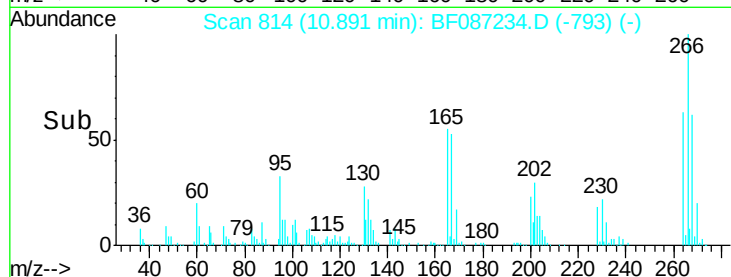
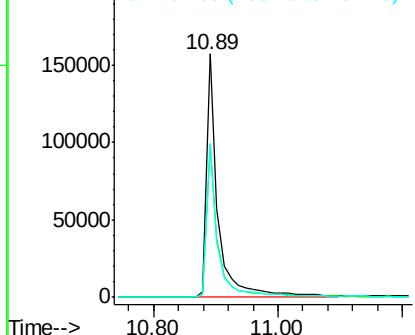
#69
 Pentachlorophenol
 Concen: 80.28 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Tgt Ion:266 Resp: 202338
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.5 77.3
 264 63.5 52.9 79.3

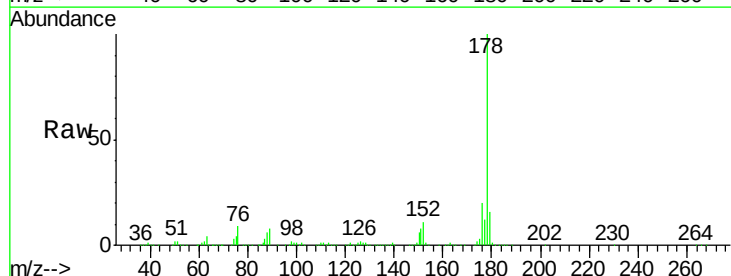


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

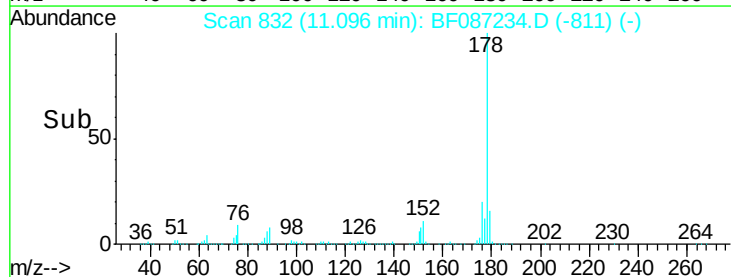
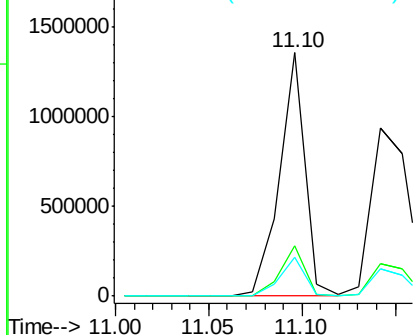


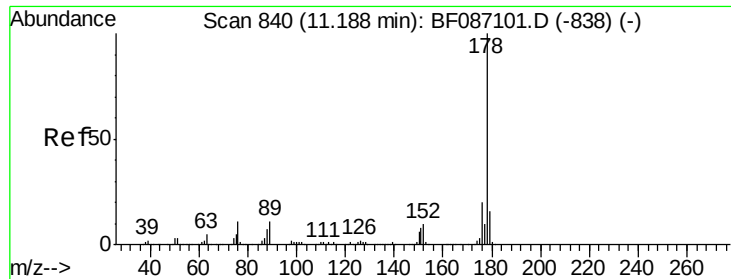
#70
 Phenanthrene
 Concen: 42.30 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:178 Resp: 1290952
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 15.9 12.6 18.8



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

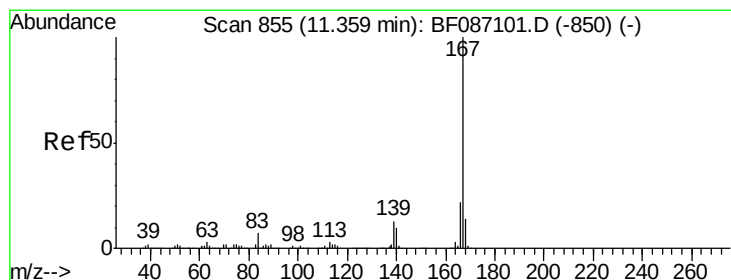
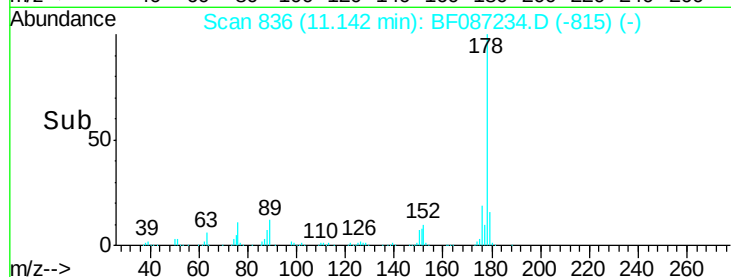
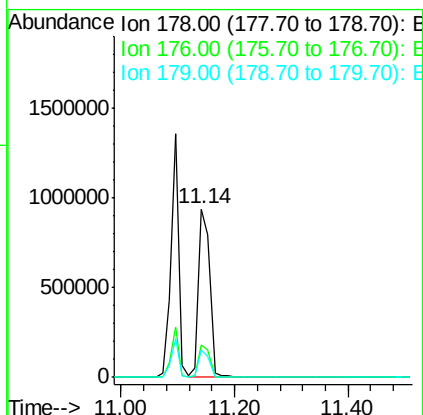
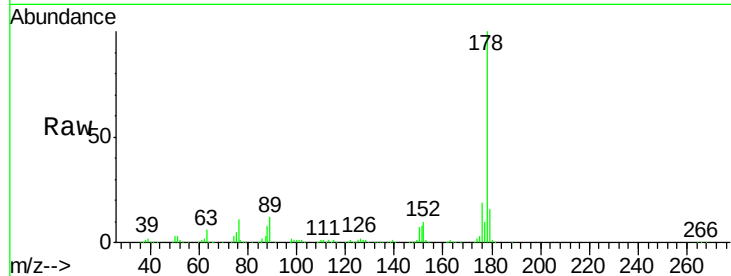




#71
 Anthracene
 Concen: 40.87 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

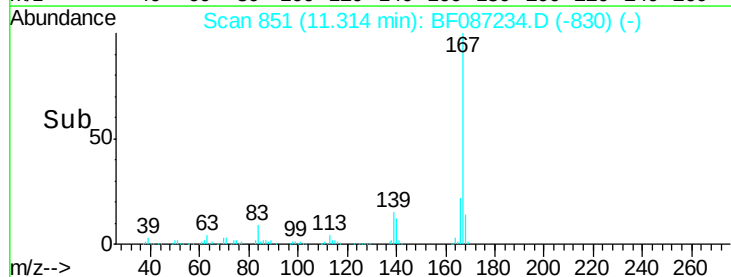
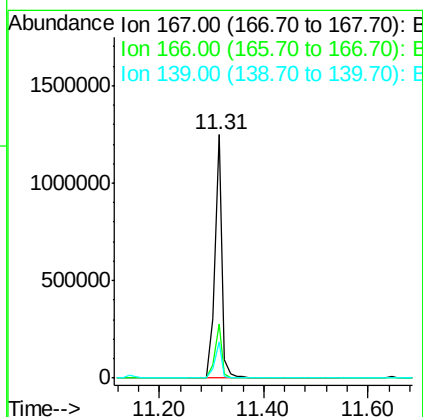
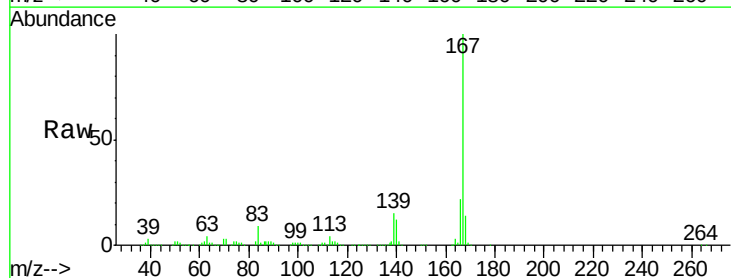
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

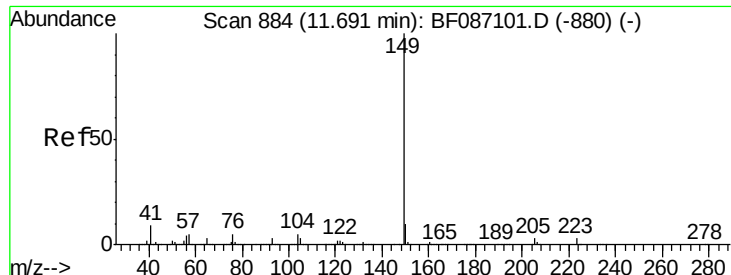
Tgt Ion:178 Resp: 1261652
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 41.56 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:167 Resp: 1171942
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 14.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 45.78 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

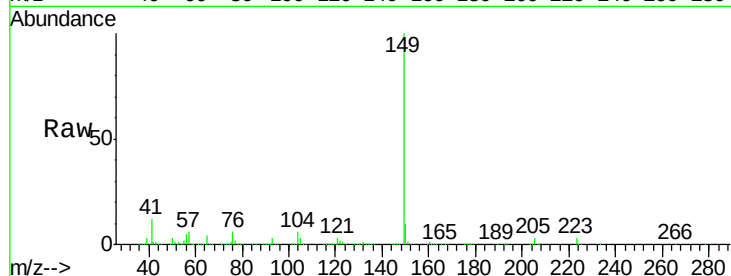
Tgt Ion:149 Resp: 1482802

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

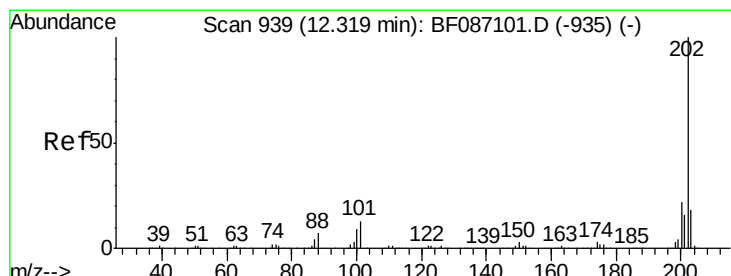
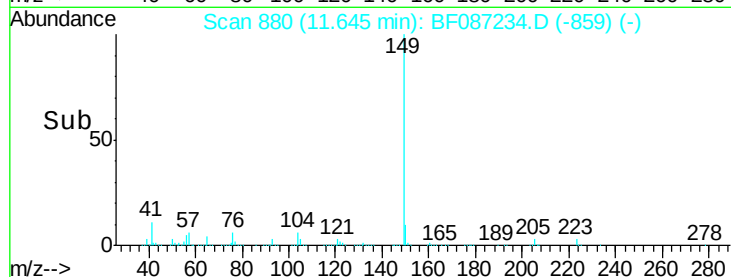
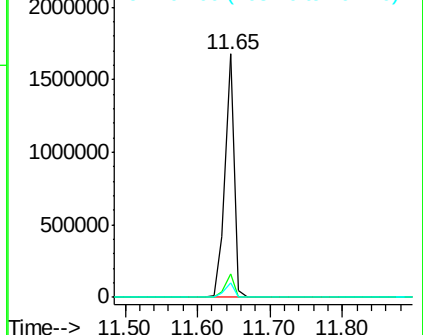
104 6.1 3.8 5.6#



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: 38.98 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

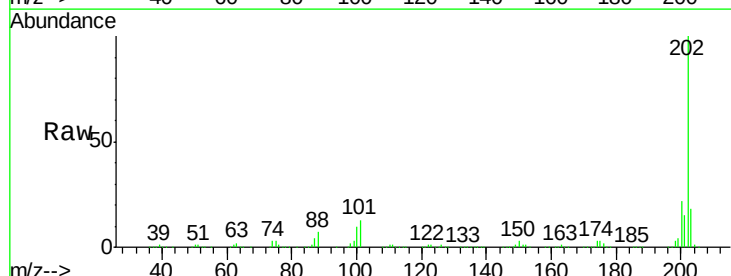
Tgt Ion:202 Resp: 1192082

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

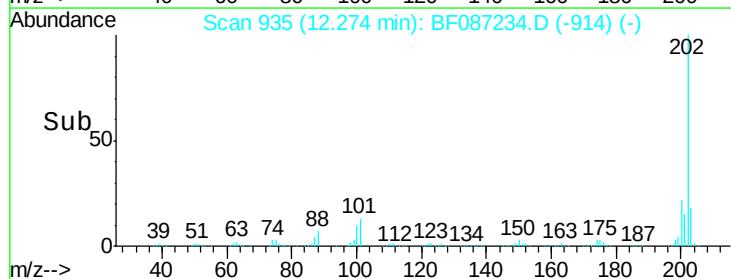
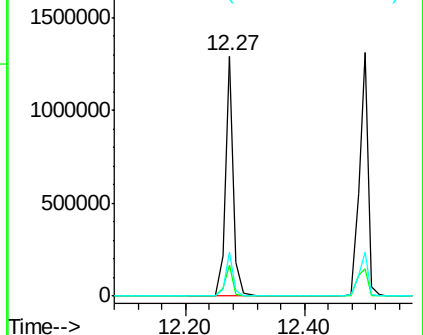
203 18.3 0.0 38.1

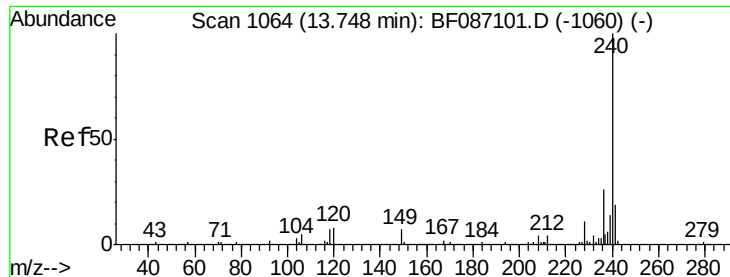


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

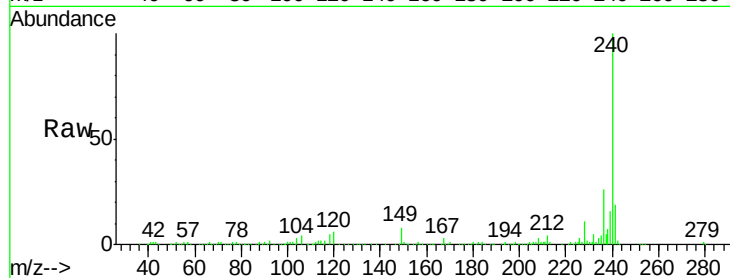
Tgt Ion:240 Resp: 375739

Ion Ratio Lower Upper

240 100

120 6.4 11.2 16.8#

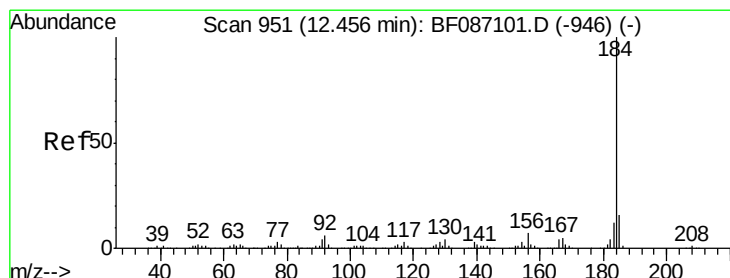
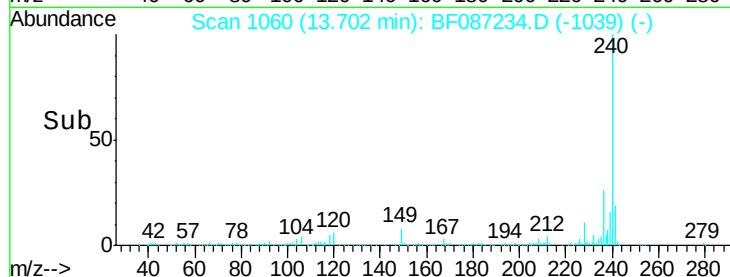
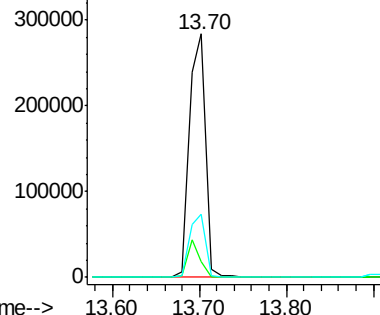
236 26.1 21.2 31.8



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: 21.73 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

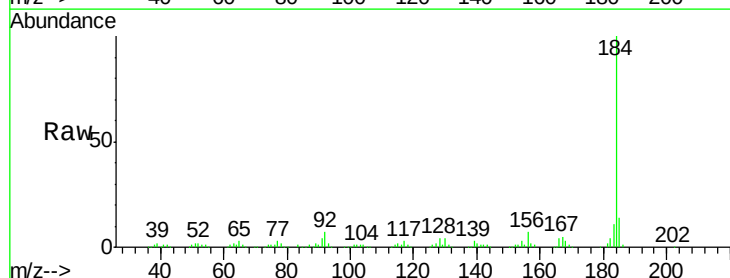
Tgt Ion:184 Resp: 262874

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

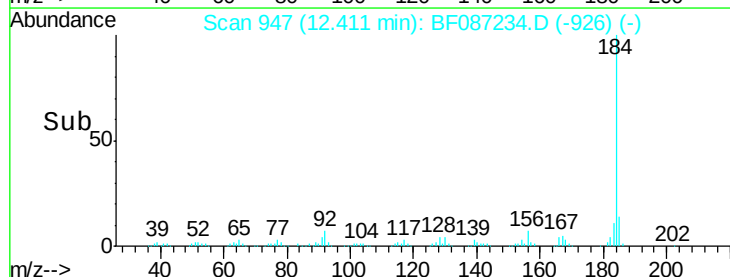
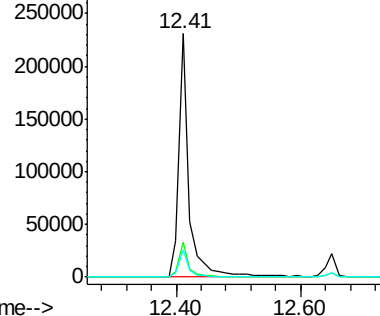
183 11.2 9.8 14.6

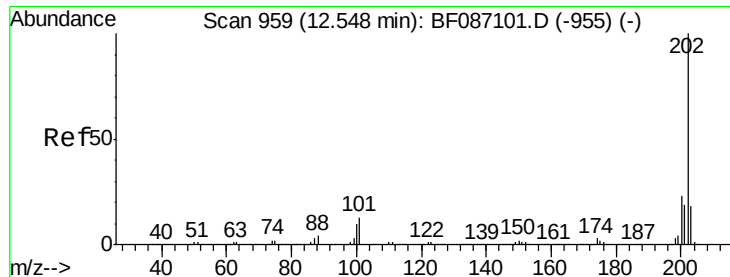


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

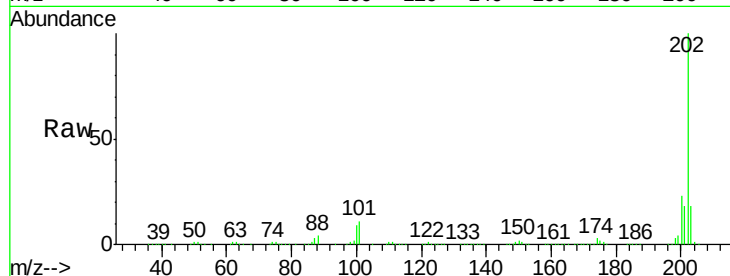




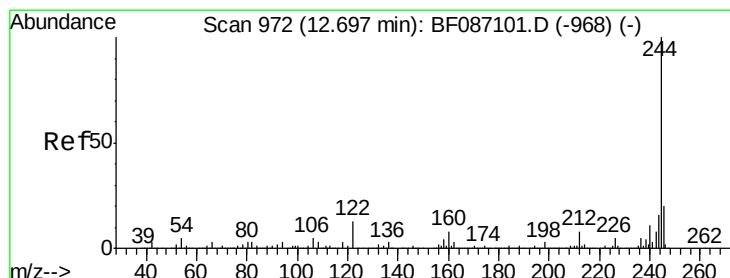
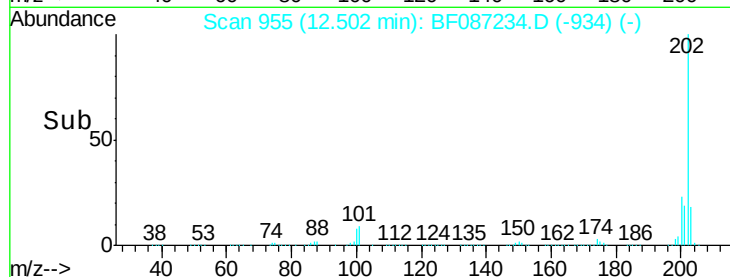
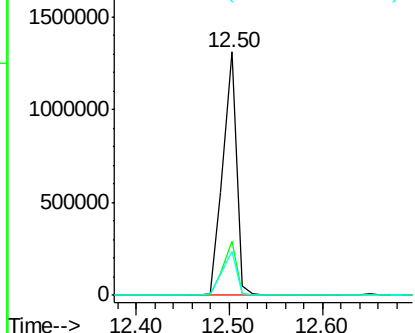
#77
Pyrene
 Concen: 49.06 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

Tgt Ion:202 Resp: 1331723
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.7 26.5
 203 17.9 14.2 21.4

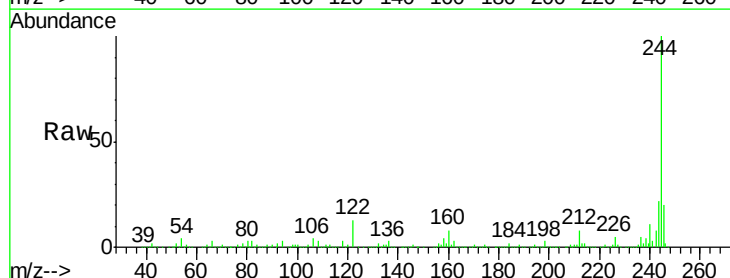


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

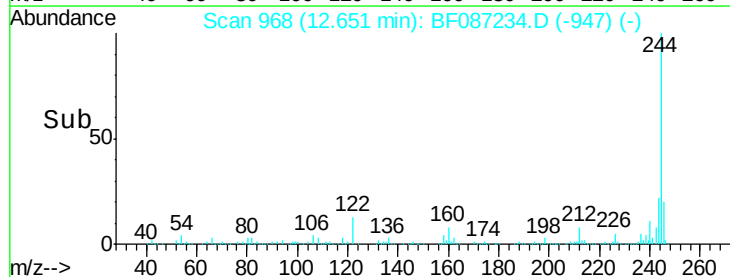
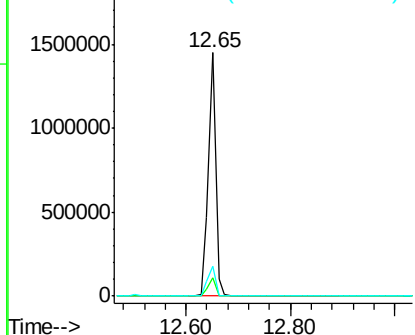


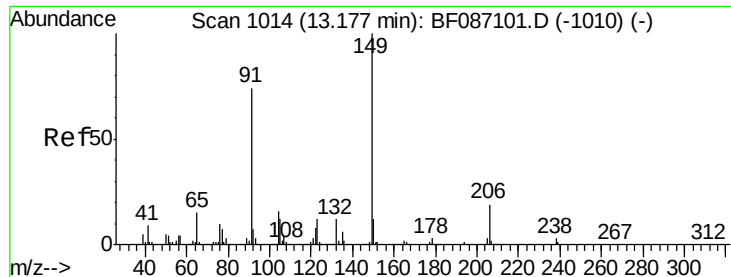
#78
Terphenyl-d14
 Concen: 84.93 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:244 Resp: 1410783
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.5 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

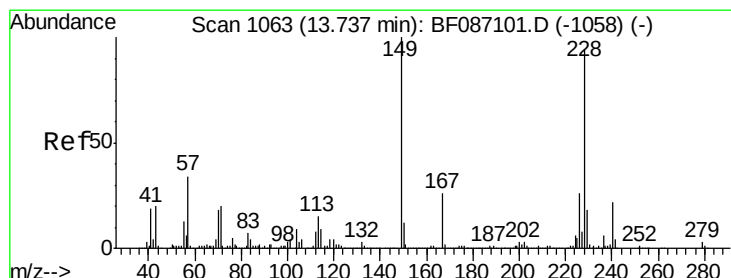
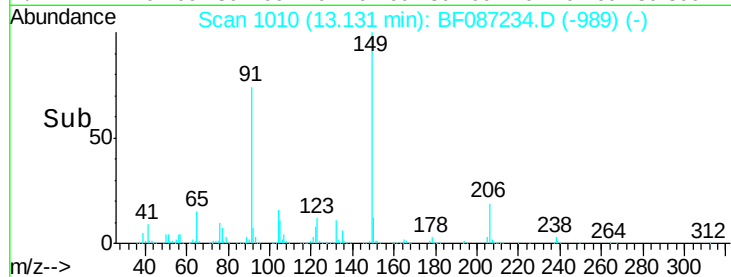
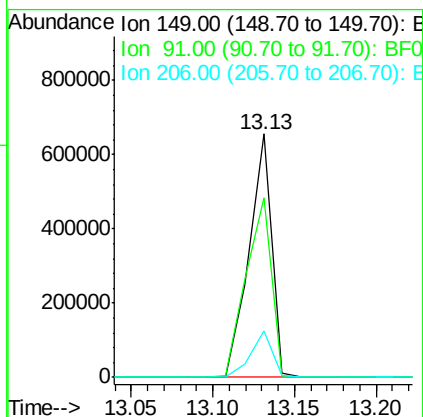
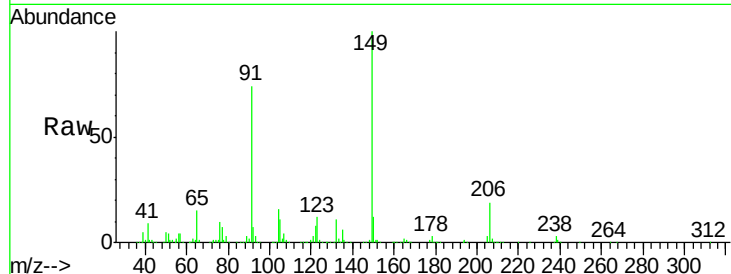




#79
 Butylbenzylphthalate
 Concen: 55.30 ng
 RT: 13.13 min Scan# 1010
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

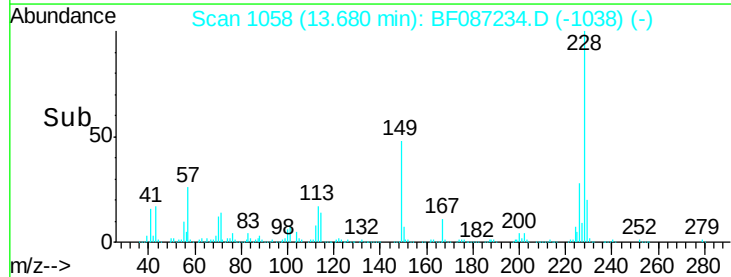
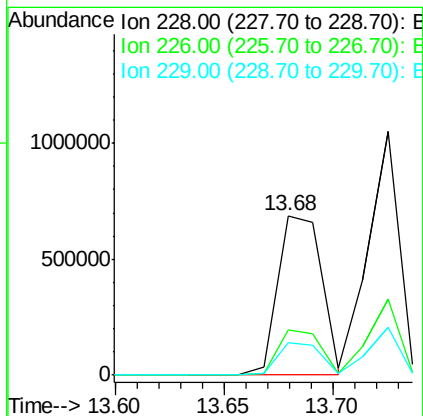
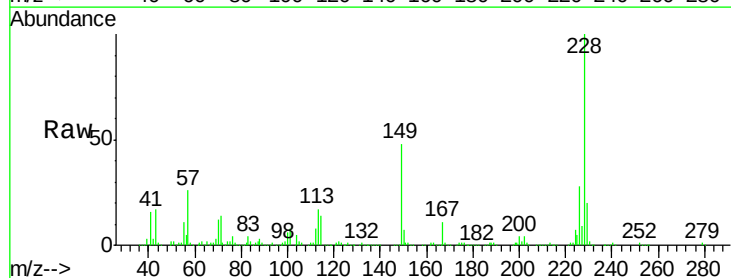
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

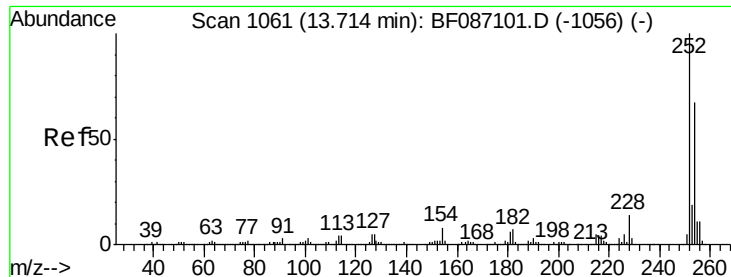
Tgt Ion:	149	Resp:	633719
Ion Ratio	Lower	Upper	
149	100		
91	73.8	48.0	72.0#
206	19.0	15.8	23.6



#80
 Benzo(a)anthracene
 Concen: 44.60 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.07 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion:	228	Resp:	968854
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.5	33.7
229	20.3	16.6	25.0

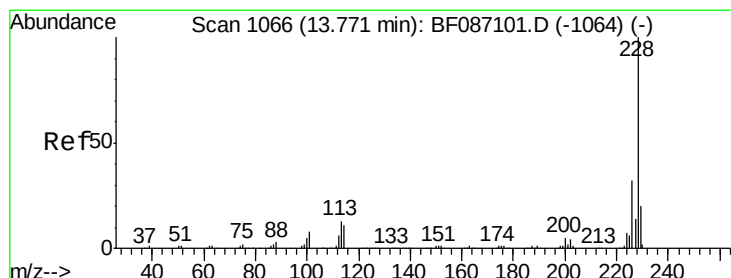
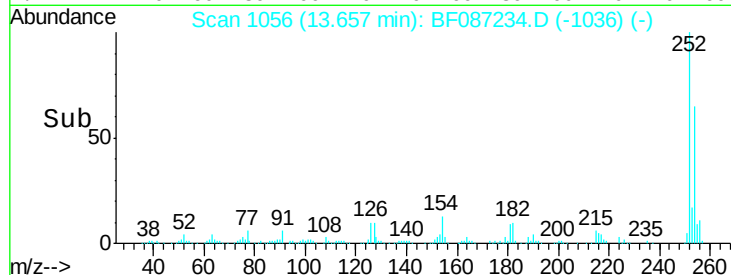
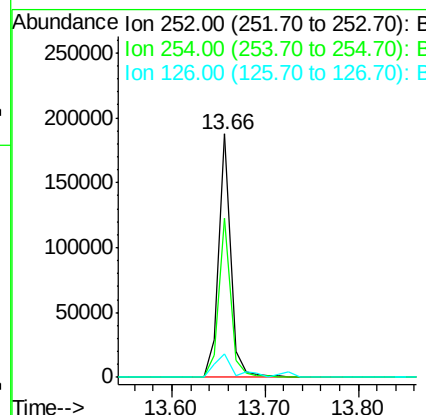
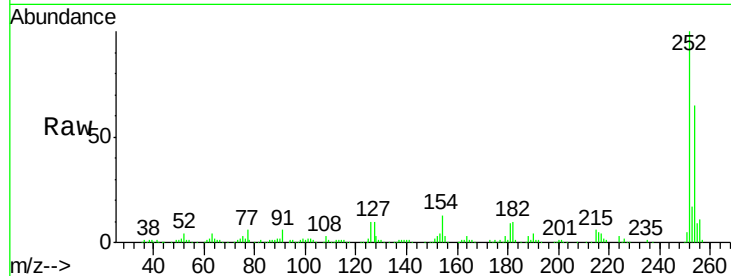




#81
 3,3'-Dichlorobenzidine
 Concen: 12.23 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.07 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

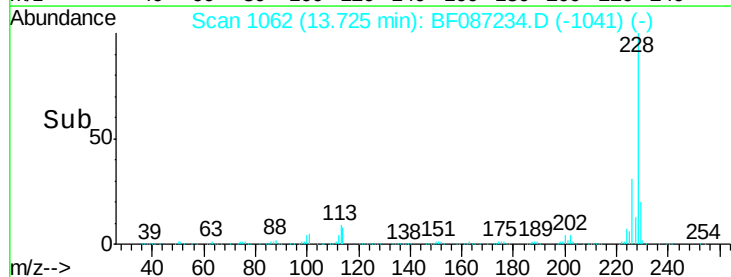
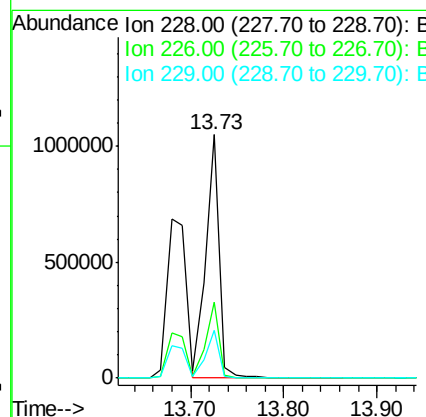
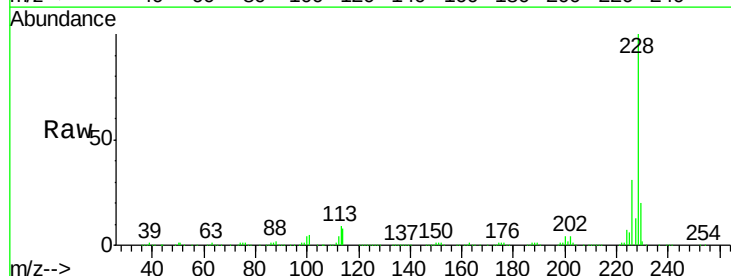
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BS

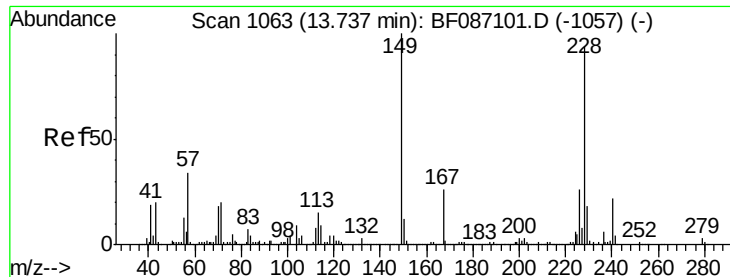
Tgt Ion: 252 Resp: 169012
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 9.7 12.7 19.1#



#82
 Chrysene
 Concen: 50.13 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.06 min
 Lab File: BF087234.D
 Acq: 20 May 2016 19:57

Tgt Ion: 228 Resp: 1053725
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.4 36.6
 229 19.8 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.43 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

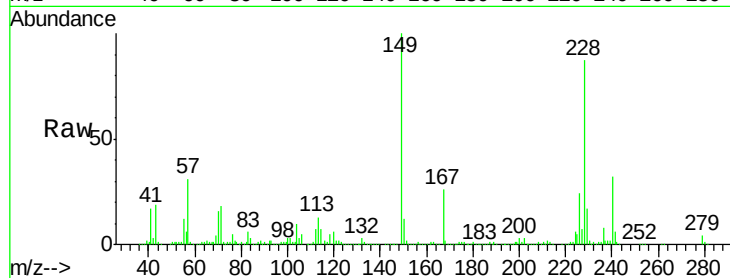
Tgt Ion:149 Resp: 773029

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

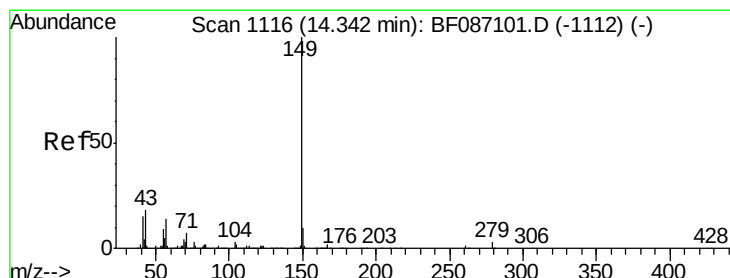
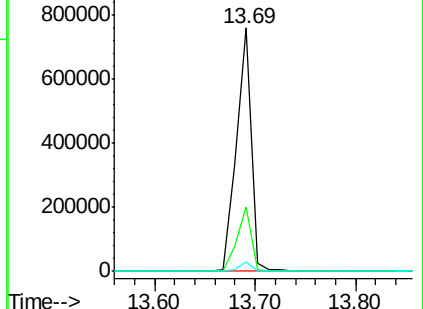
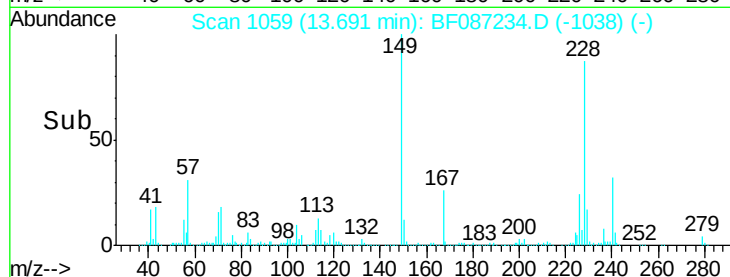
279 3.8 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.70 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

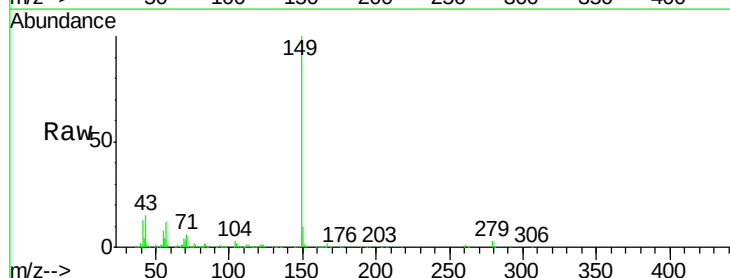
Tgt Ion:149 Resp: 1290131

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

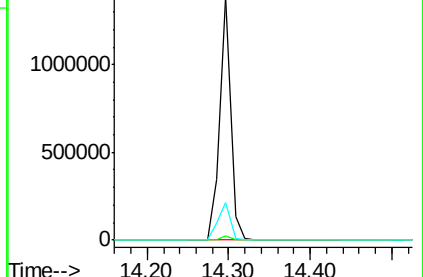
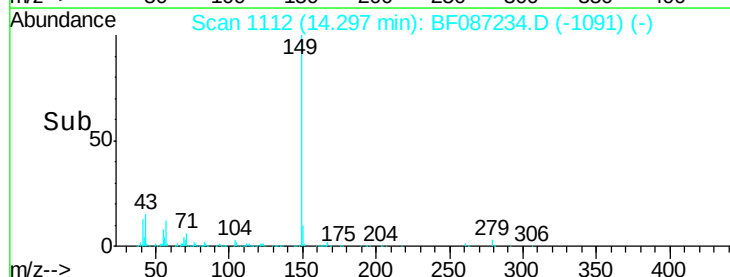
43 16.9 8.2 12.4#

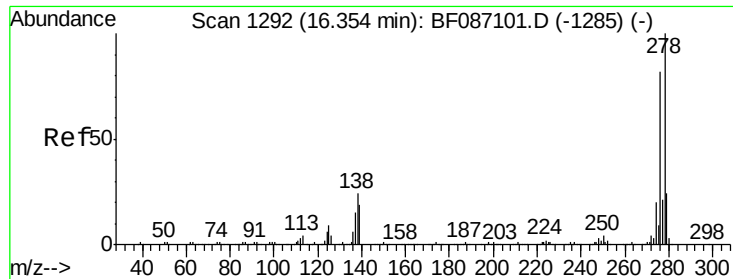


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

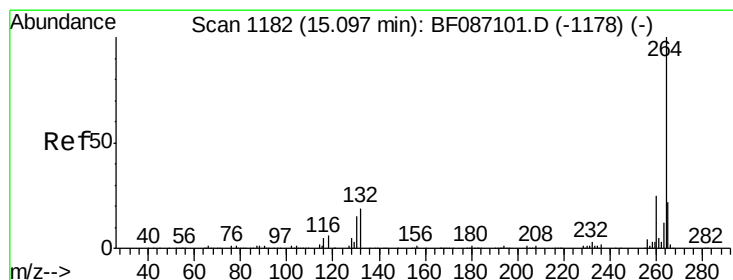
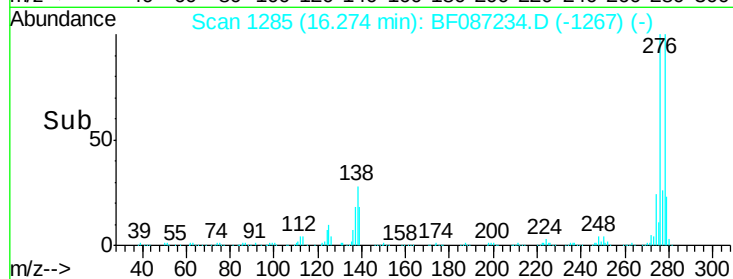
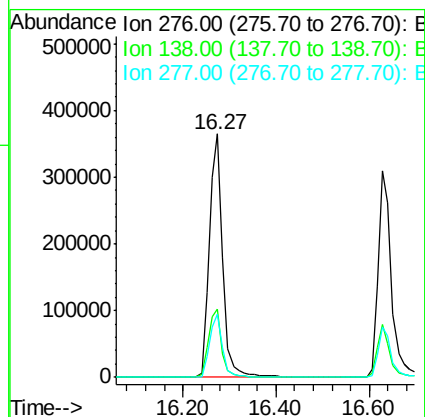
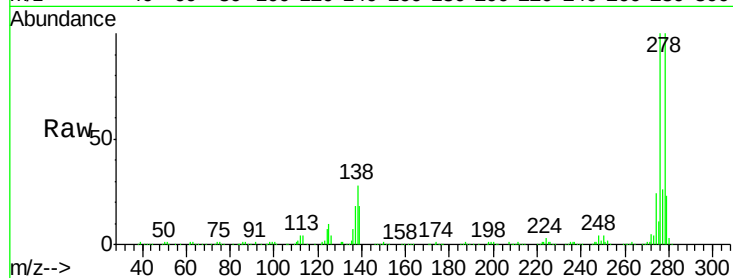




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.13 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

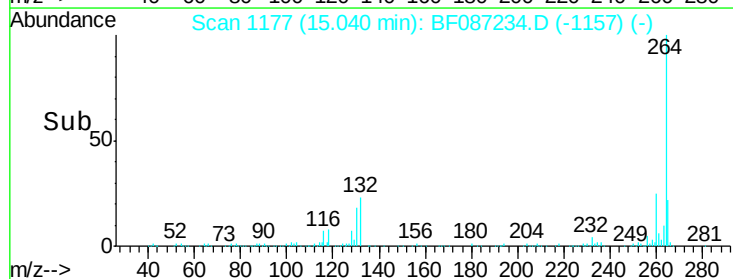
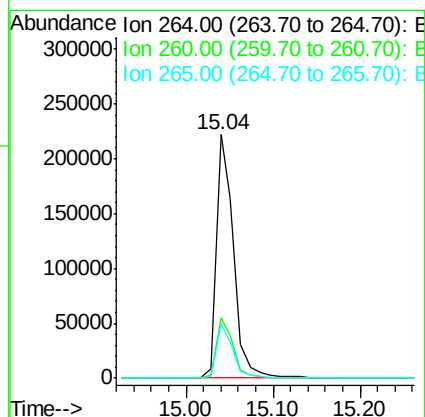
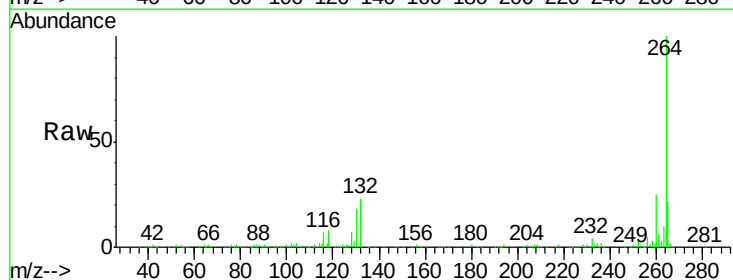
Instrument :
BNA_F
ClientSampleId :
PB90764BS

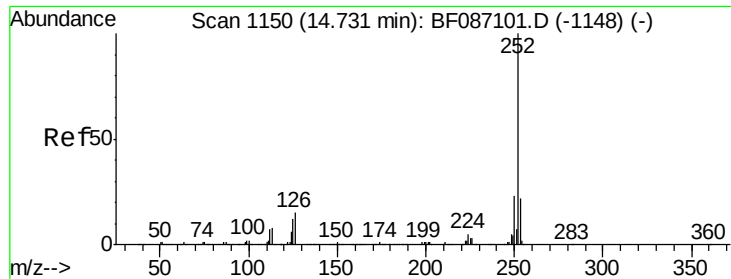
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.6	38.4
277	25.3	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 77.55 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.06 min

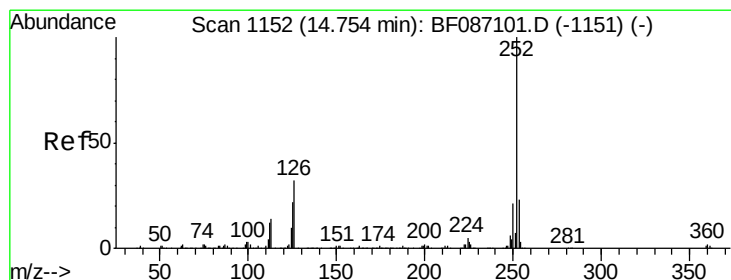
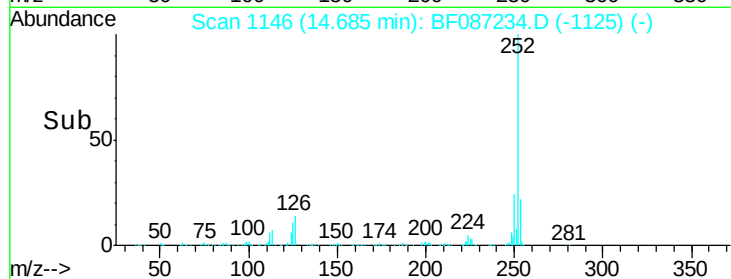
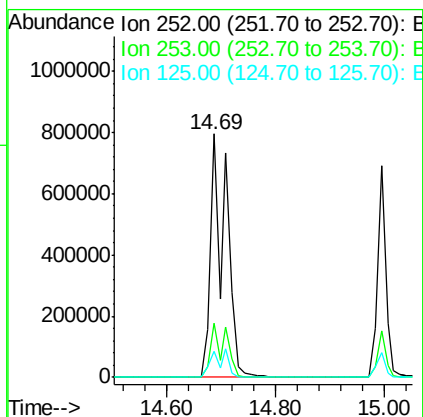
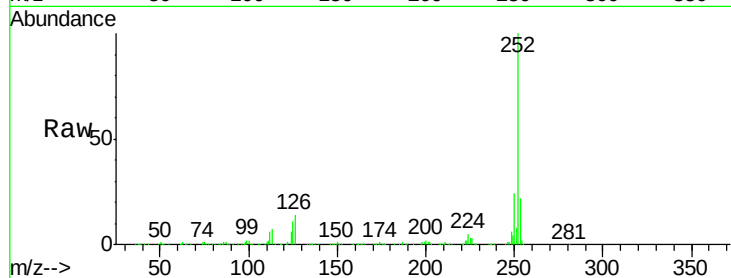
Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :
BNA_F
ClientSampleId :
PB90764BS

Tgt Ion:252 Resp: 1577249

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.7	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 104.16 ng

RT: 14.69 min Scan# 1146

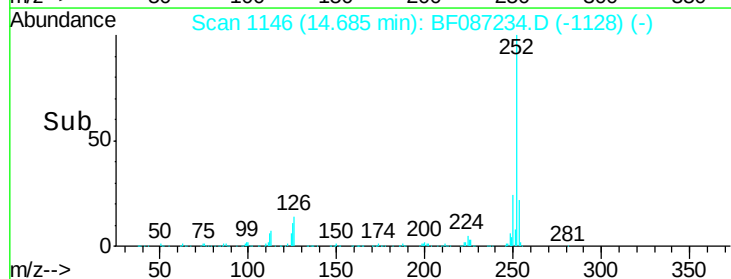
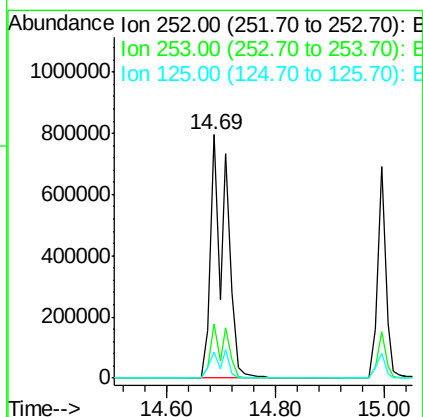
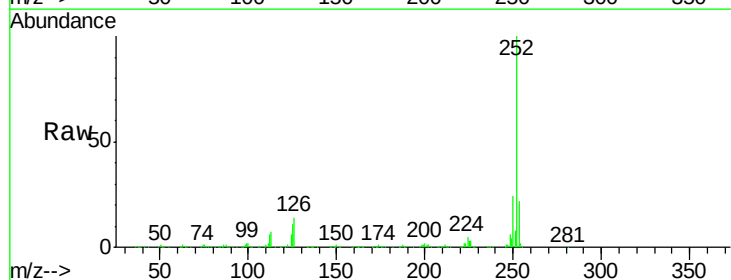
Delta R.T. -0.09 min

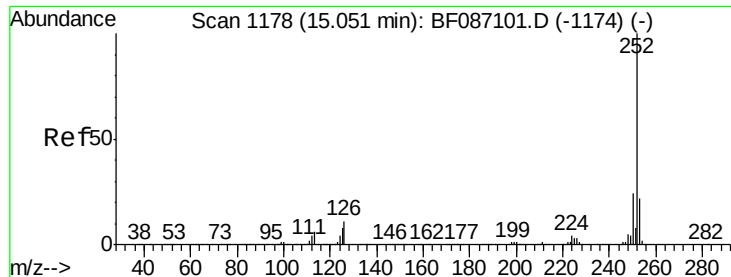
Lab File: BF087234.D

Acq: 20 May 2016 19:57

Tgt Ion:252 Resp: 1577249

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.7	9.1	13.7

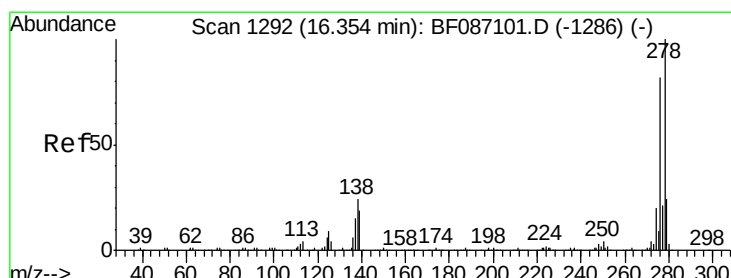
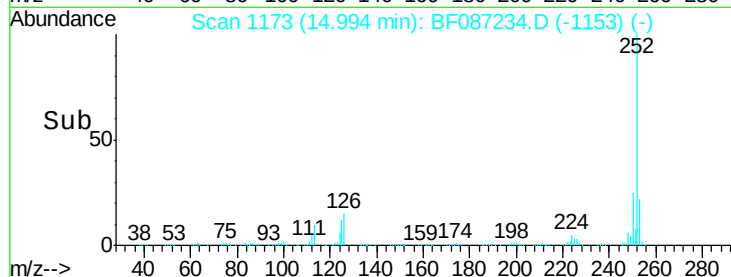
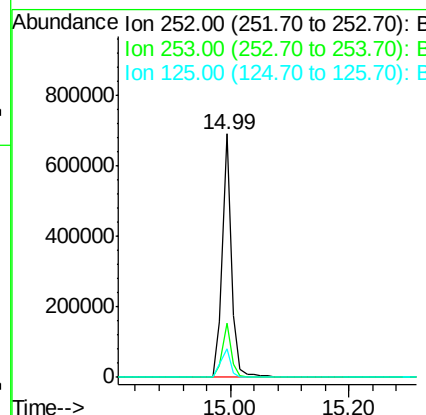
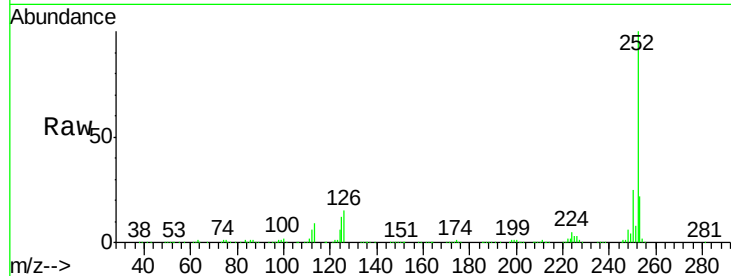




#89
Benzo(a)pyrene
Concen: 43.58 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

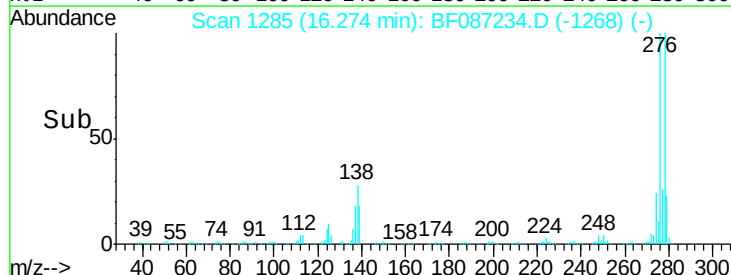
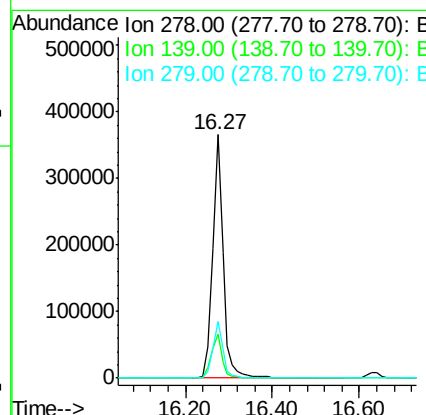
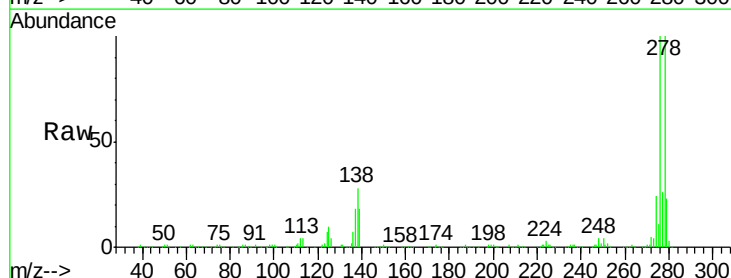
Instrument :
BNA_F
ClientSampleId :
PB90764BS

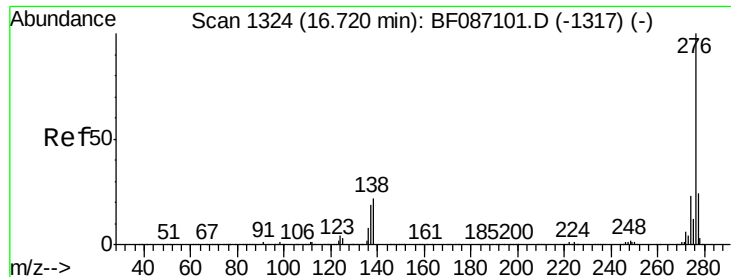
Tgt Ion:252 Resp: 740831
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.9 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 43.61 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.10 min
Lab File: BF087234.D
Acq: 20 May 2016 19:57

Tgt Ion:278 Resp: 624292
Ion Ratio Lower Upper
278 100
139 18.0 16.6 24.8
279 23.4 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 43.21 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF087234.D

Acq: 20 May 2016 19:57

Instrument :

BNA_F

ClientSampleId :

PB90764BS

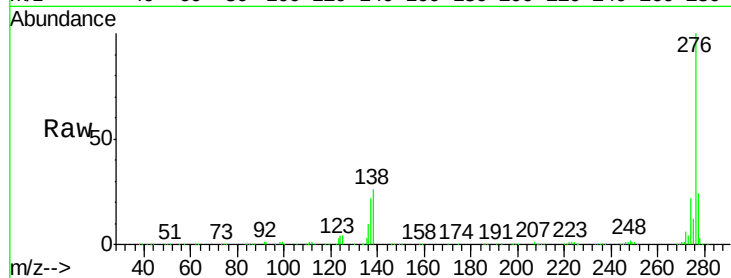
Tgt Ion: 276 Resp: 624768

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 25.9 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

