

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088185.D
 Acq On : 20 Jun 2016 21:51
 Operator : UM/SJ
 Sample : PB91364BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Quant Time: Jun 21 01:03:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	88340	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	349802	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	167687	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	303675	20.00	ng	0.00
75) Chrysene-d12	13.81	240	222635	20.00	ng	0.00
86) Perylene-d12	15.18	264	182834	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	576528	111.57	ng	0.01
7) Phenol-d6	6.33	99	712122	113.71	ng	0.00
23) Nitrobenzene-d5	7.24	82	478864	79.94	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	166337	93.94	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	915954	85.86	ng	-0.01
78) Terphenyl-d14	12.77	244	831551	84.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	78012	31.07	ng	# 36
3) Pyridine	2.88	79	193886	32.70	ng	92
4) n-Nitrosodimethylamine	2.83	42	93985	37.43	ng	79
6) Aniline	6.33	93	163748	18.37	ng	# 43
8) 2-Chlorophenol	6.46	128	258578	42.28	ng	93
10) Phenol	6.34	94	320230	49.79	ng	90
11) bis(2-Chloroethyl)ether	6.41	93	220861	40.22	ng	91
12) 1,3-Dichlorobenzene	6.60	146	262308	39.97	ng	98
13) 1,4-Dichlorobenzene	6.68	146	275465	41.67	ng	98
14) 1,2-Dichlorobenzene	6.68	146	275465	45.82	ng	97
15) Benzyl Alcohol	6.82	79	166030	33.89	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257196	34.67	ng	74
17) 2-Methylphenol	6.95	107	202203	40.77	ng	97
18) Hexachloroethane	7.18	117	96269	41.04	ng	91
19) n-Nitroso-di-n-propylamine	7.10	70	162537	40.57	ng	# 86
20) 3+4-Methylphenols	7.11	107	264578	45.72	ng	# 75
22) Acetophenone	7.08	105	320757	41.03	ng	# 98
24) Nitrobenzene	7.26	77	233785	40.29	ng	90
25) Isophorone	7.50	82	447241	40.31	ng	99
26) 2-Nitrophenol	7.58	139	139182	44.78	ng	# 85
27) 2,4-Dimethylphenol	7.63	122	226780	39.63	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	282017	40.98	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	216020	45.21	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	209401	40.25	ng	98
31) Naphthalene	7.98	128	723586	41.80	ng	99
32) Benzoic acid	7.77	122	79603	25.26	ng	96
33) 4-Chloroaniline	8.03	127	105909	13.70	ng	96
34) Hexachlorobutadiene	8.09	225	108296	39.47	ng	98
35) Caprolactam	8.41	113	43926	27.75	ng	# 82
36) 4-Chloro-3-methylphenol	8.54	107	223771	43.79	ng	99
37) 2-Methylnaphthalene	8.66	142	470057	41.20	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	193757	44.09	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	119350	44.12	ng	99
42) 2,4,6-Trichlorophenol	8.96	196	125767	37.50	ng	99

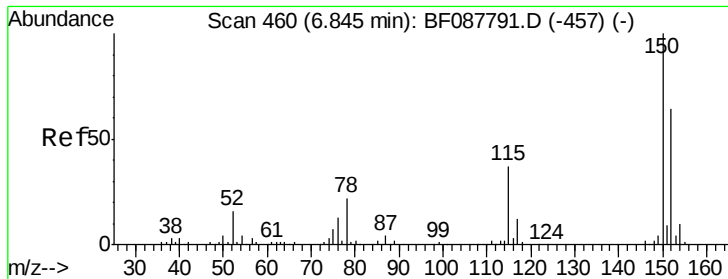
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	138945	39.83	ng	# 95
45) 1,1'-Biphenyl	9.13	154	565950	44.96	ng	98
46) 2-Chloronaphthalene	9.15	162	450382	41.51	ng	98
47) 2-Nitroaniline	9.26	65	120613	37.68	ng	92
48) Acenaphthylene	9.56	152	654655	37.93	ng	100
49) Dimethylphthalate	9.44	163	512116	42.16	ng	100
50) 2,6-Dinitrotoluene	9.51	165	124229	44.66	ng	# 82
51) Acenaphthene	9.74	154	407165	37.81	ng	100
52) 3-Nitroaniline	9.67	138	66526	20.72	ng	97
53) 2,4-Dinitrophenol	9.78	184	67775	49.72	ng	96
54) Dibenzofuran	9.91	168	552164	37.24	ng	# 89
55) 4-Nitrophenol	9.86	139	130060	52.20	ng	# 73
56) 2,4-Dinitrotoluene	9.91	165	147673	41.31	ng	# 63
57) Fluorene	10.25	166	475659	47.76	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	109108	39.80	ng	# 56
59) Diethylphthalate	10.14	149	532201	43.28	ng	100
60) 4-Chlorophenyl-phenylether	10.24	204	189348	38.40	ng	89
61) 4-Nitroaniline	10.28	138	124549	40.91	ng	100
62) Azobenzene	10.40	77	488298	40.16	ng	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	63180	33.99	ng	# 62
65) n-Nitrosodiphenylamine	10.36	169	412527	40.94	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	135230	41.51	ng	# 91
67) Hexachlorobenzene	10.80	284	141146	41.70	ng	# 73
68) Atrazine	10.90	200	133945	43.90	ng	97
69) Pentachlorophenol	10.99	266	89694	50.27	ng	97
70) Phenanthrene	11.21	178	695247	43.63	ng	98
71) Anthracene	11.26	178	695060	43.24	ng	99
72) Carbazole	11.42	167	647944	43.08	ng	100
73) Di-n-butylphthalate	11.75	149	786718	41.32	ng	100
74) Fluoranthene	12.39	202	728915	43.34	ng	98
76) Benzidine	12.51	184	239492	38.85	ng	98
77) Pyrene	12.62	202	743697	45.02	ng	99
79) Butylbenzylphthalate	13.23	149	338158	46.30	ng	# 85
80) Benzo(a)anthracene	13.79	228	509931	40.19	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	111067	32.55	ng	# 95
82) Chrysene	13.84	228	579291	48.53	ng	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	406737	45.74	ng	99
84) Di-n-octyl phthalate	14.40	149	778425	53.88	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	453229	40.87	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	962103	75.50	ng	# 95
88) Benzo(k)fluoranthene	14.80	252	962116	100.09	ng	99
89) Benzo(a)pyrene	15.13	252	459523	44.57	ng	# 93
90) Dibenzo(a,h)anthracene	16.47	278	382313	39.92	ng	96
91) Benzo(g,h,i)perylene	16.85	276	409281	41.55	ng	98

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

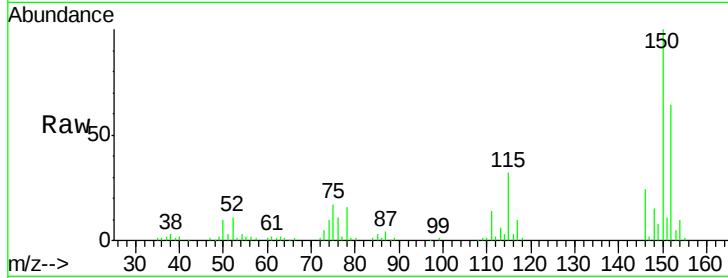


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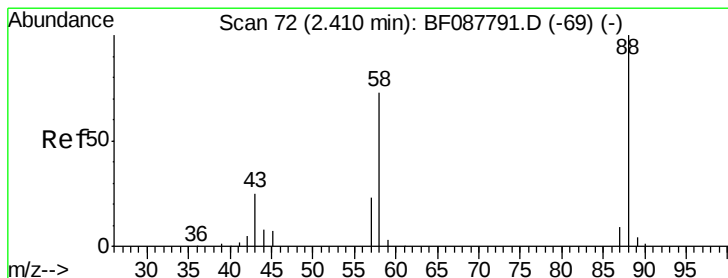
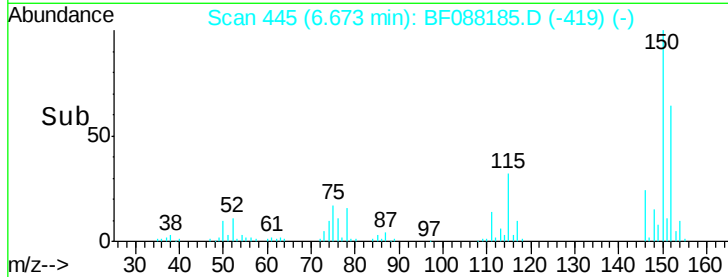
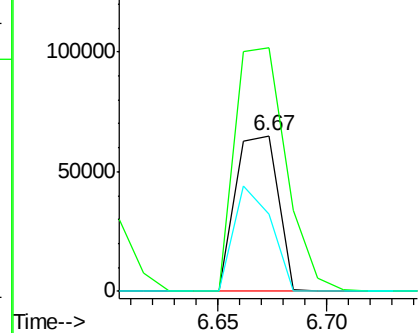
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Tgt Ion:152 Resp: 88340
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.8 185.6
 115 49.7 39.6 59.4



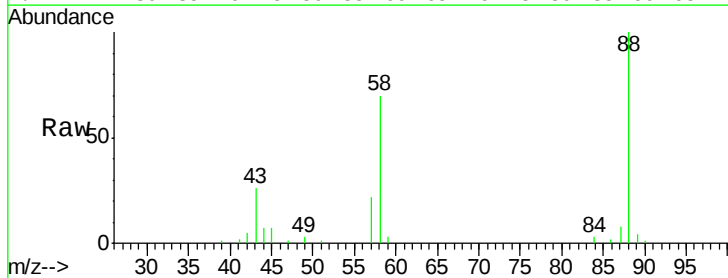
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



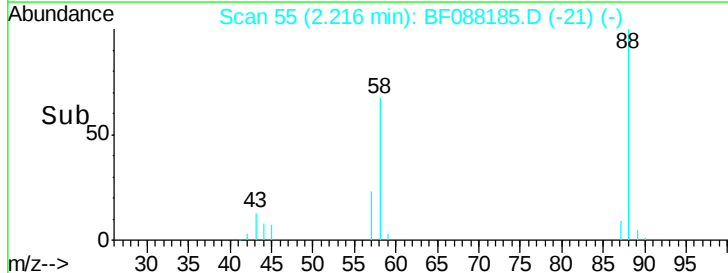
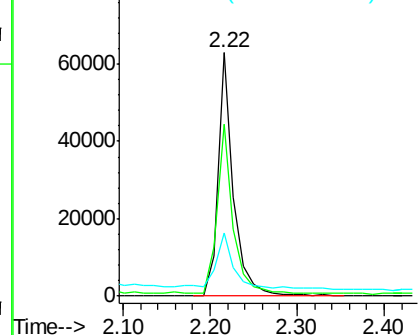
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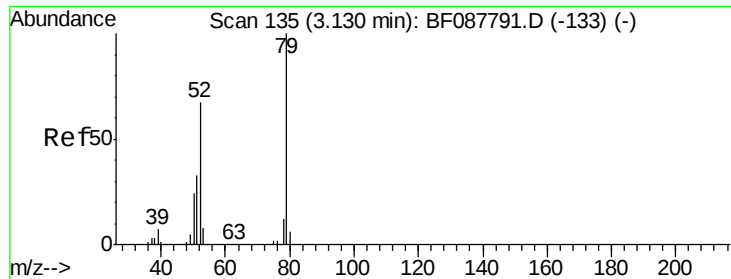
1,4-Dioxane
 Concen: 31.07 ng
 RT: 2.22 min Scan# 55
 Delta R.T. 0.09 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion: 88 Resp: 78012
 Ion Ratio Lower Upper
 88 100
 58 72.4 0.0 0.0#
 43 25.2 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0

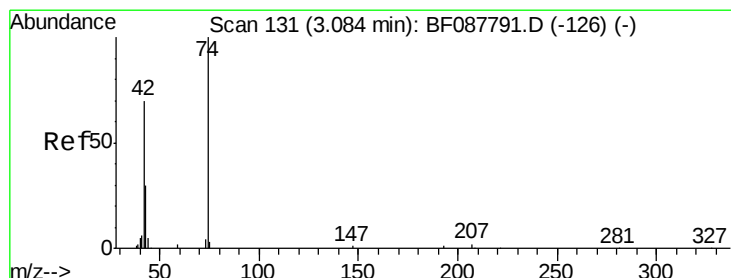
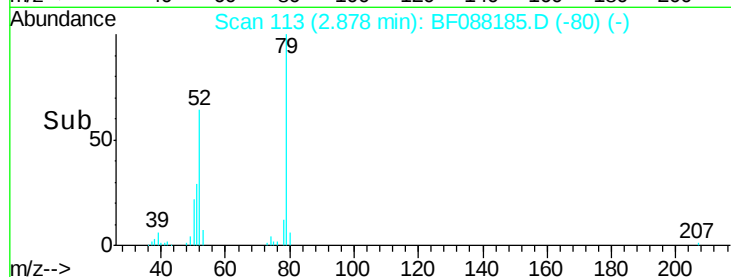
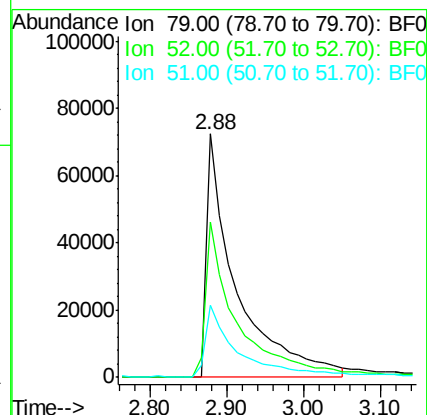
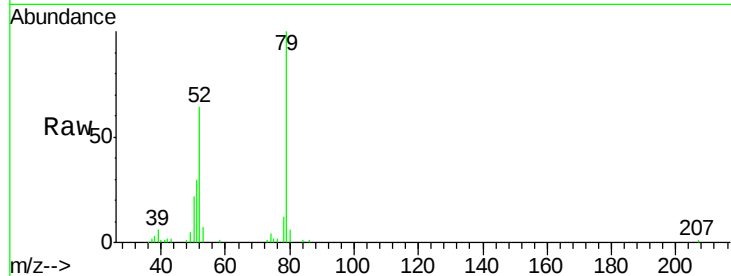




#3
 Pyridine
 Concen: 32.70 ng
 RT: 2.88 min Scan# 113
 Delta R.T. 0.08 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

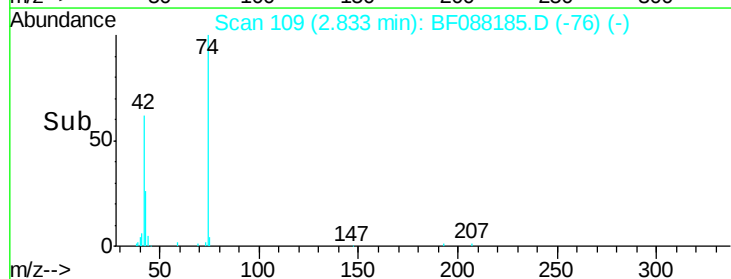
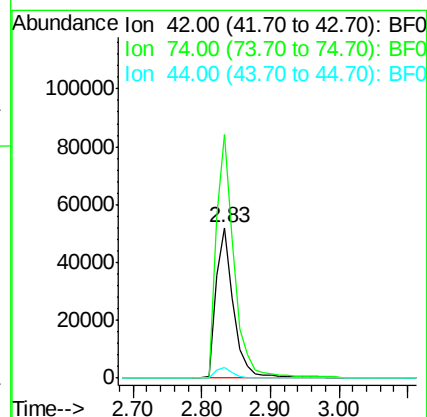
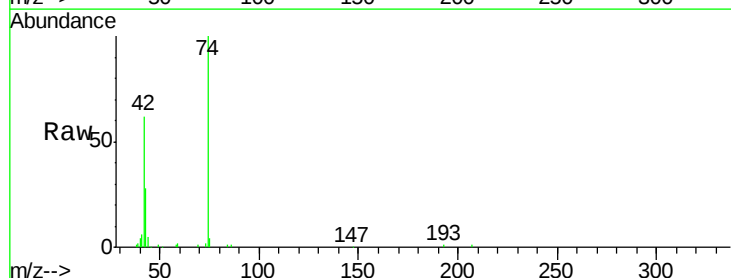
Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.5	56.3	84.5
51	29.6	27.4	41.2



#4
 n-Nitrosodimethylamine
 Concen: 37.43 ng
 RT: 2.83 min Scan# 109
 Delta R.T. 0.08 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.8	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 111.57 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

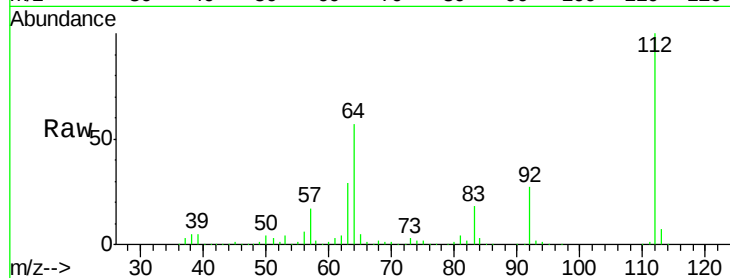
Tgt Ion: 112 Resp: 576528

Ion Ratio Lower Upper

112 100

64 57.1 42.2 63.2

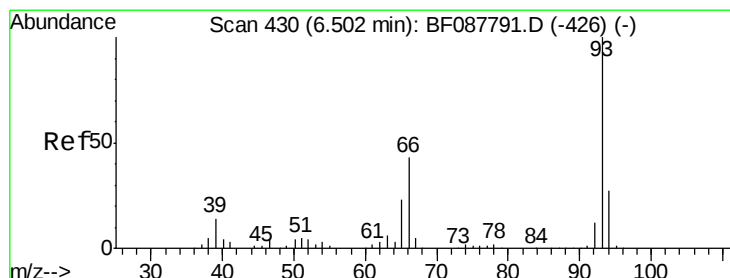
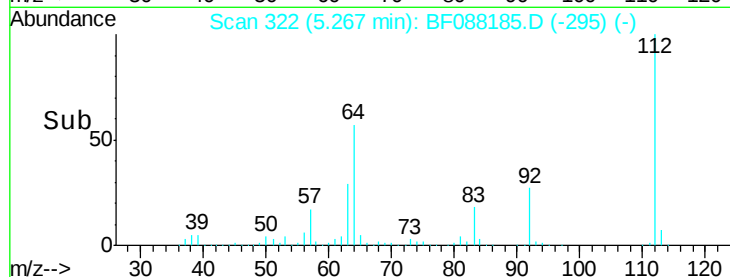
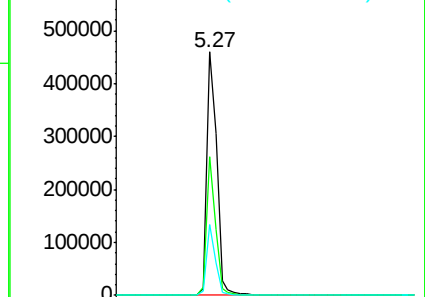
63 29.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.37 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

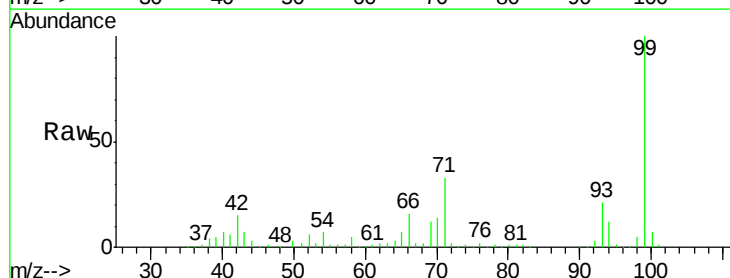
Tgt Ion: 93 Resp: 163748

Ion Ratio Lower Upper

93 100

66 76.8 29.8 44.8#

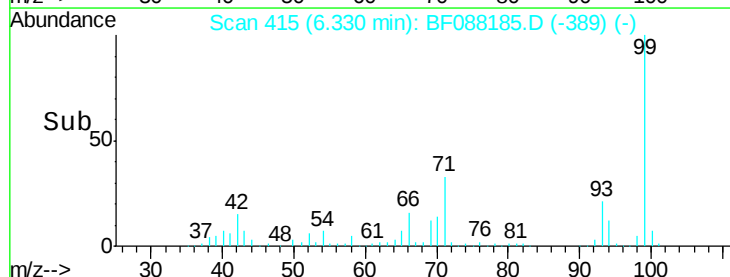
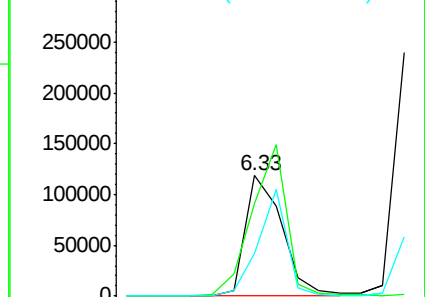
65 35.7 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.71 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

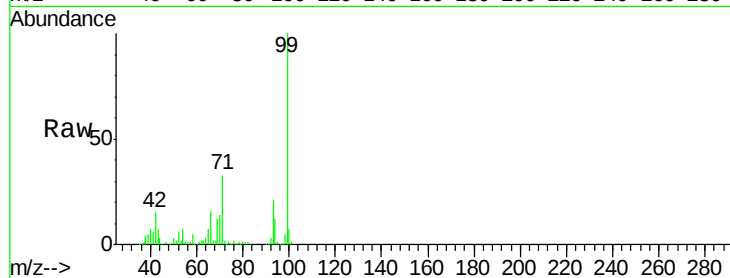
Tgt Ion: 99 Resp: 712122

Ion Ratio Lower Upper

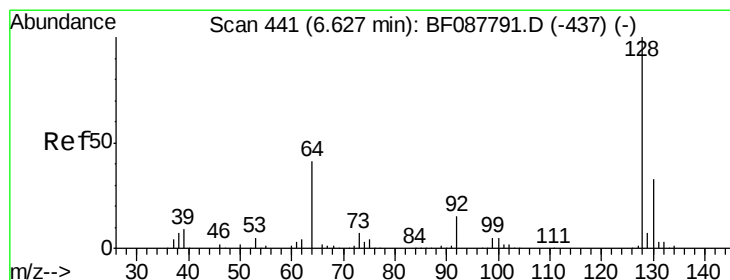
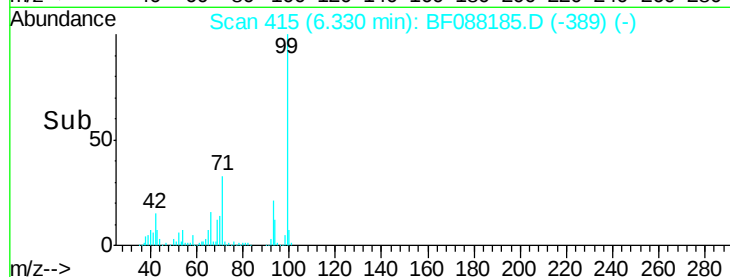
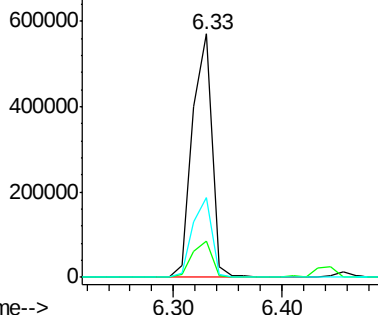
99 100

42 14.7 12.2 18.2

71 33.0 23.4 35.0



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: 42.28 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

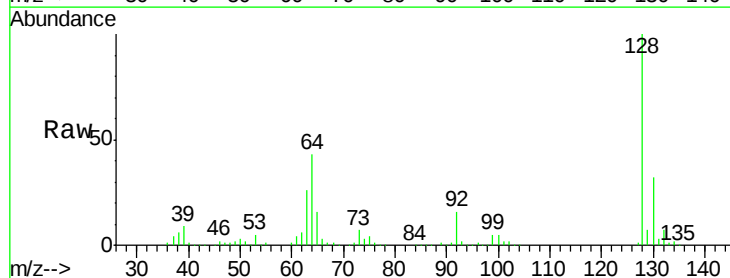
Tgt Ion: 128 Resp: 258578

Ion Ratio Lower Upper

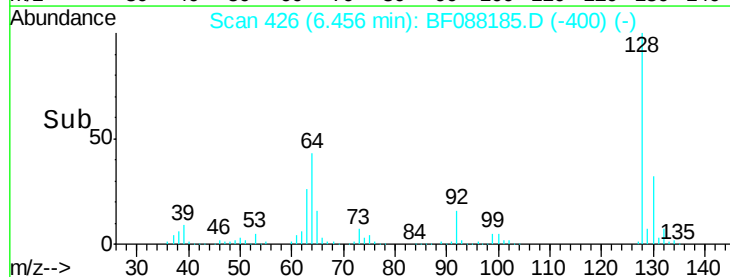
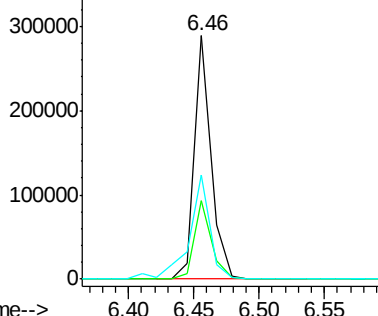
128 100

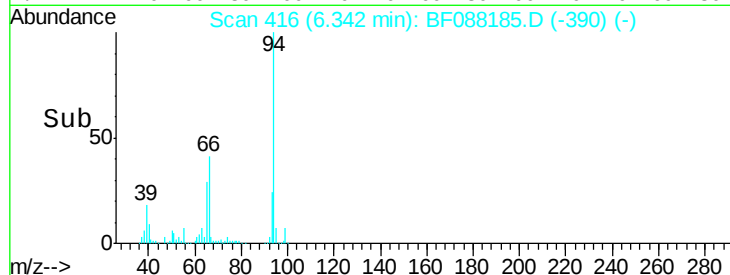
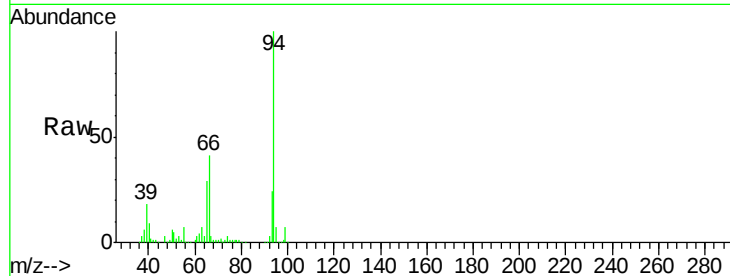
130 32.0 12.0 52.0

64 42.7 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 49.79 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

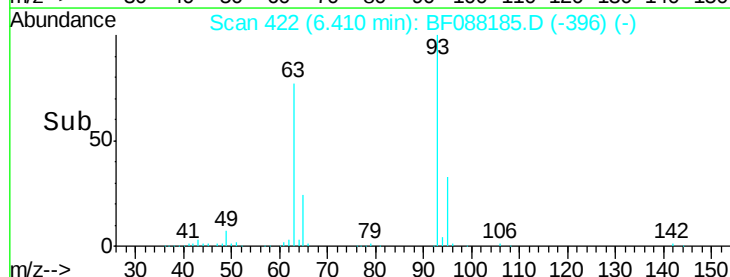
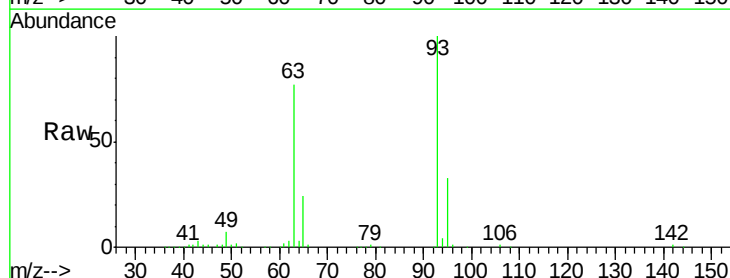
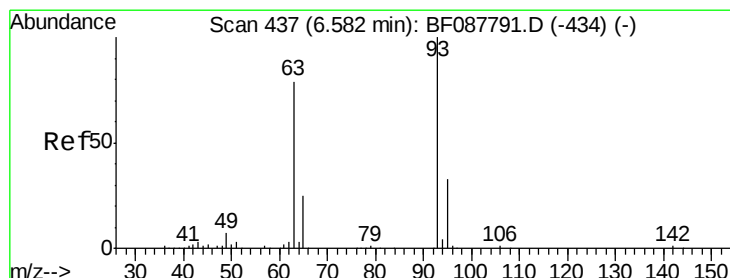
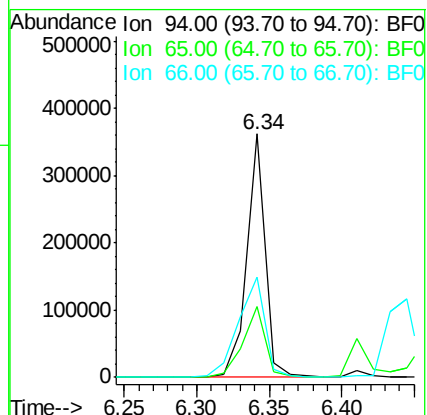
Tgt Ion: 94 Resp: 320230

Ion Ratio Lower Upper

94 100

65 29.0 5.9 45.9

66 41.0 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 40.22 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

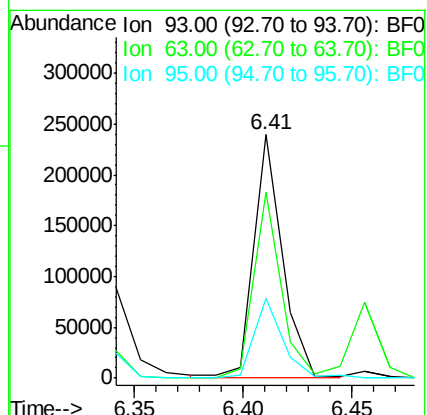
Tgt Ion: 93 Resp: 220861

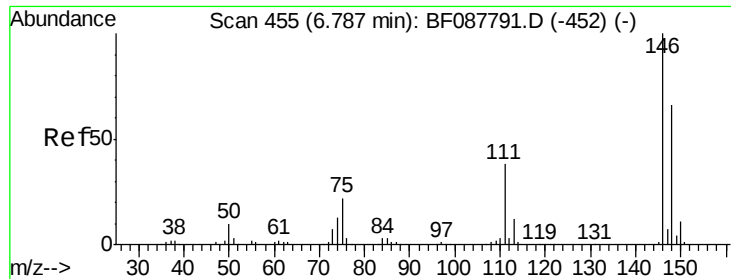
Ion Ratio Lower Upper

93 100

63 76.6 67.6 107.6

95 32.8 12.5 52.5

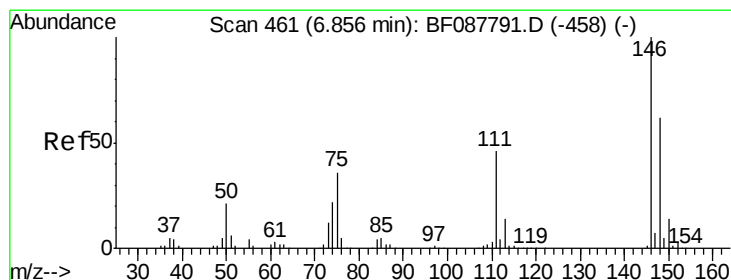
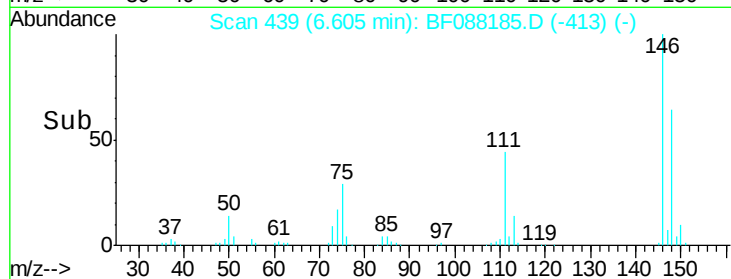
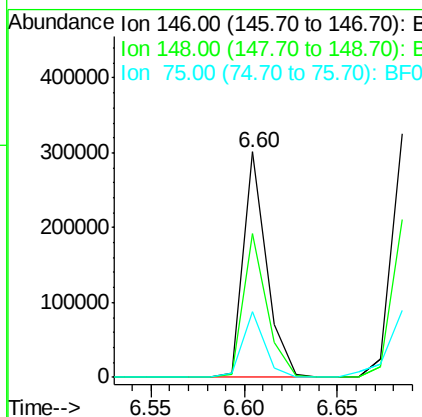
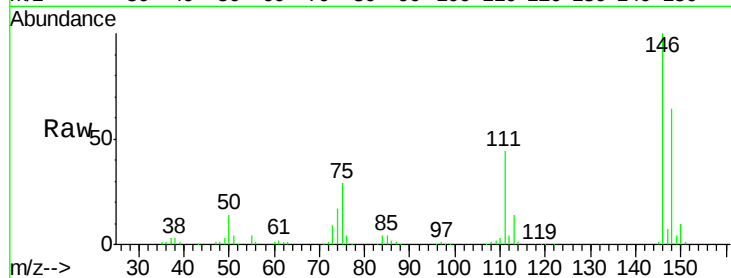




#12
 1,3-Dichlorobenzene
 Concen: 39.97 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

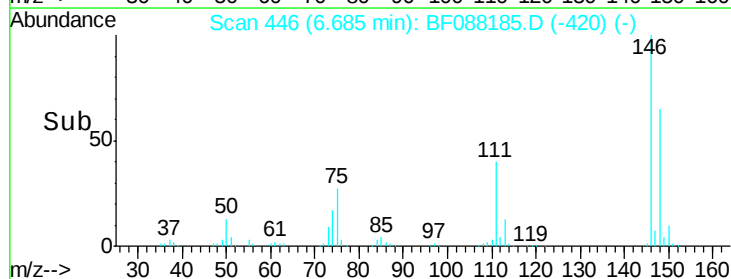
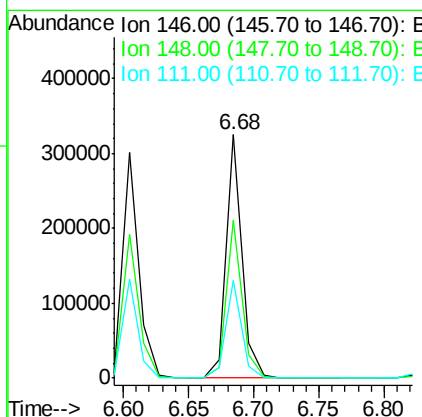
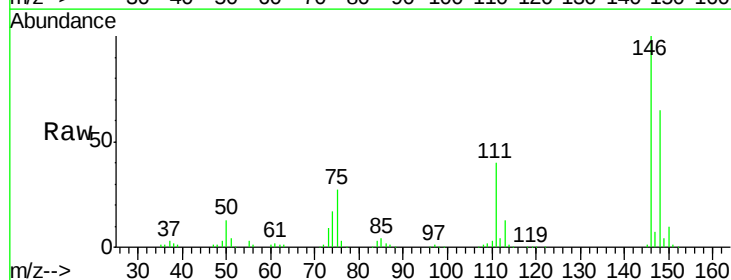
Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

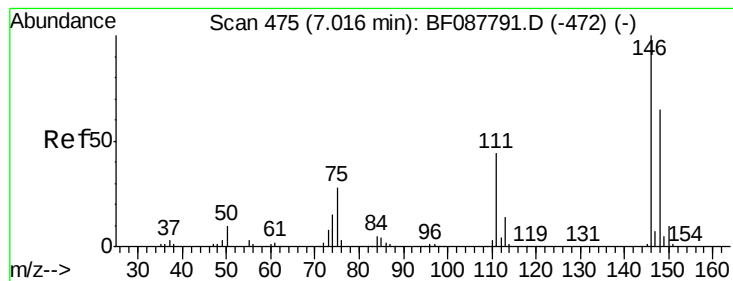
Tgt Ion:146 Resp: 262308
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.9 76.3
 75 29.1 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 41.67 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion:146 Resp: 275465
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 40.1 33.8 50.8





#14

1,2-Dichlorobenzene

Concen: 45.82 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.16 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

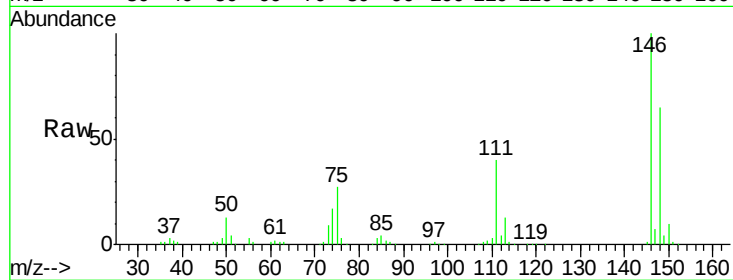
Tgt Ion:146 Resp: 275465

Ion Ratio Lower Upper

146 100

148 64.7 52.3 78.5

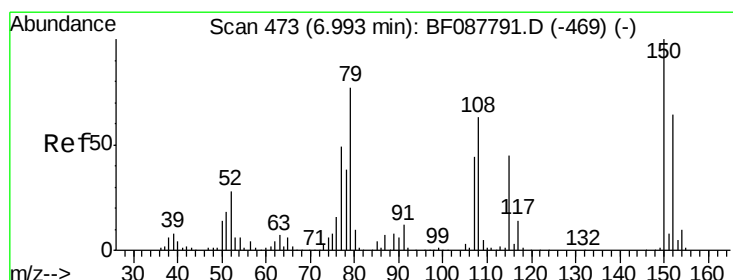
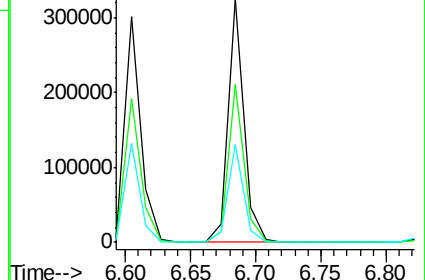
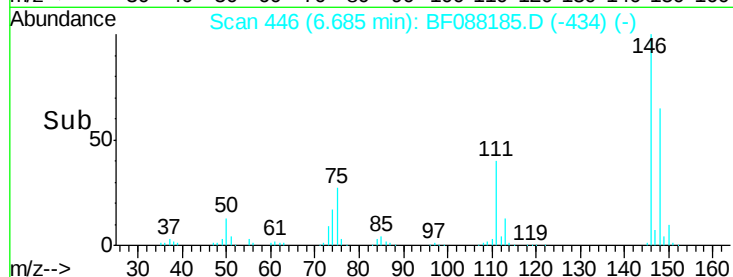
111 40.1 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 33.89 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

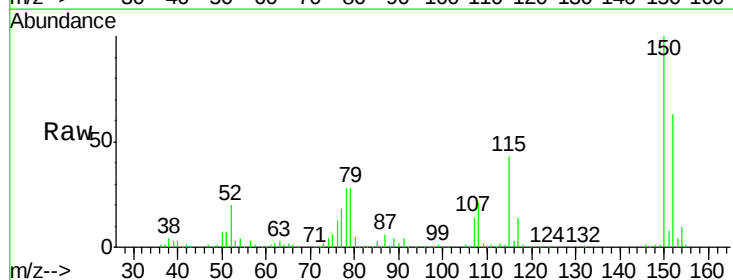
Tgt Ion: 79 Resp: 166030

Ion Ratio Lower Upper

79 100

108 75.0 65.0 97.6

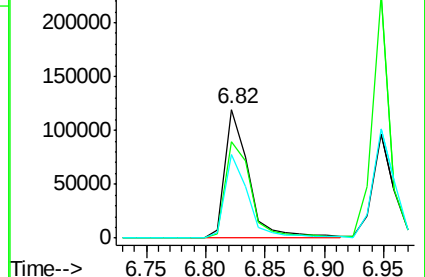
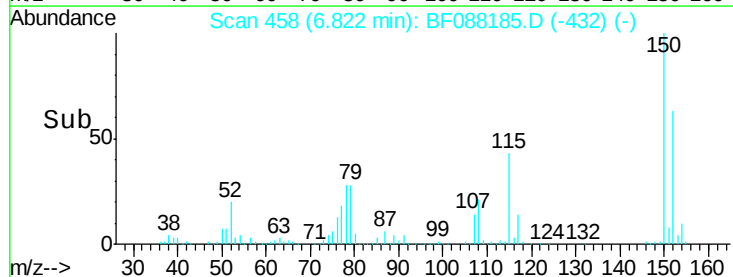
77 64.6 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

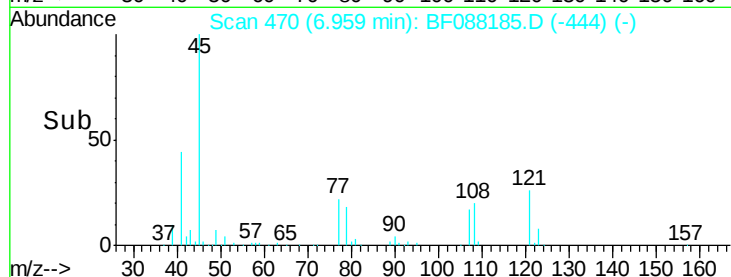
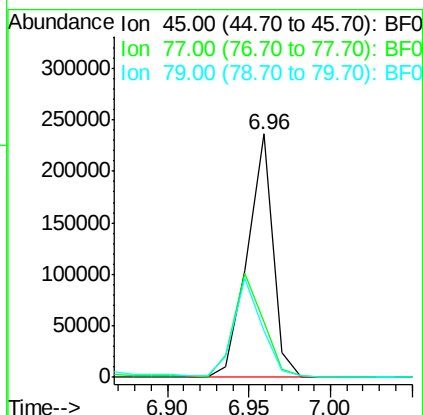
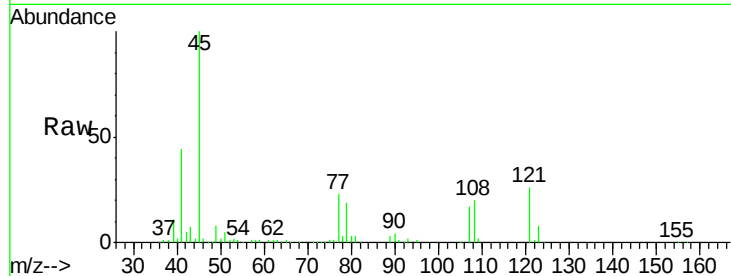




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.67 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

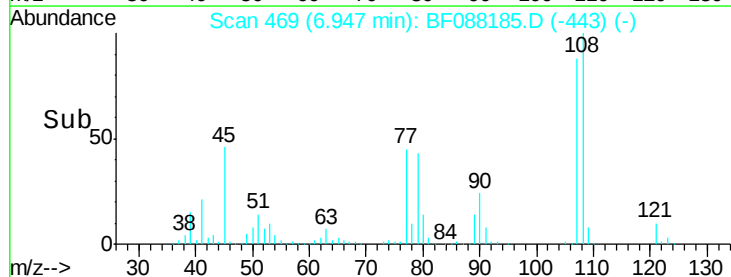
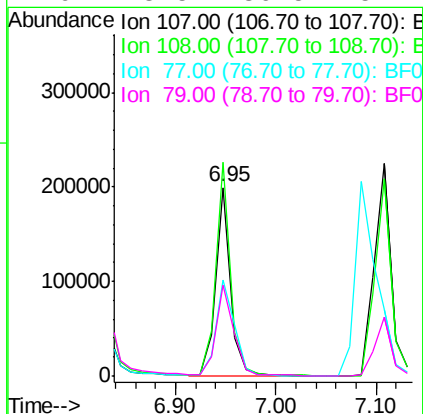
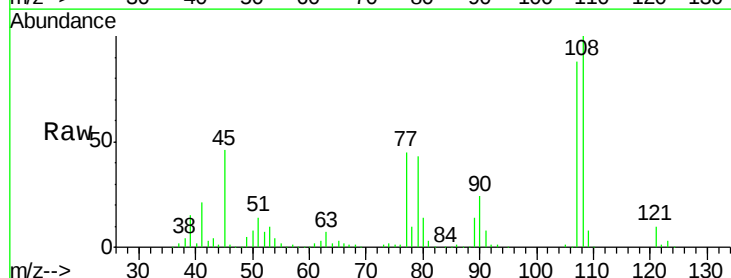
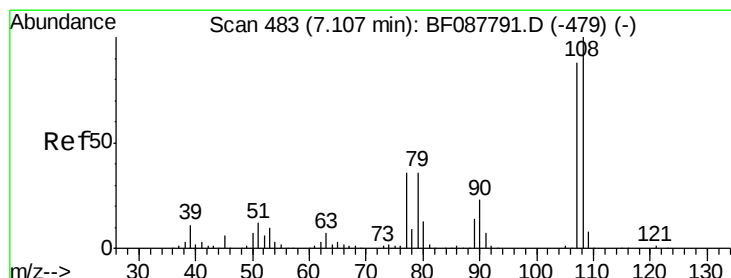
Instrument :
BNA_F
ClientSampleId :
PB91264BS

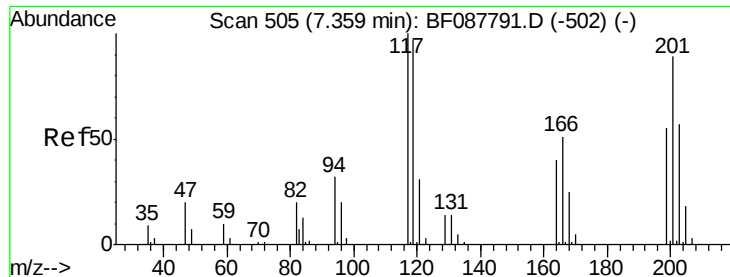
Tgt Ion: 45 Resp: 257196
Ion Ratio Lower Upper
45 100
77 22.7 0.0 32.5
79 18.9 0.0 29.5



#17
2-Methylphenol
Concen: 40.77 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion: 107 Resp: 202203
Ion Ratio Lower Upper
107 100
108 113.4 90.9 136.3
77 50.8 36.6 55.0
79 48.5 36.5 54.7

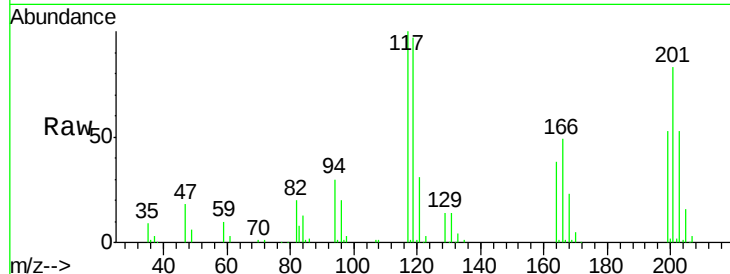




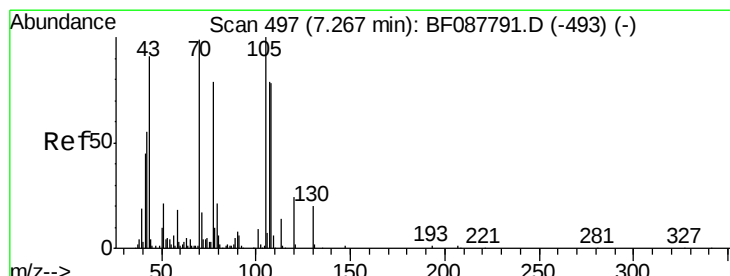
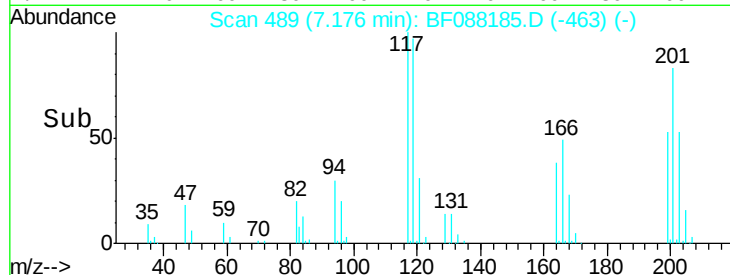
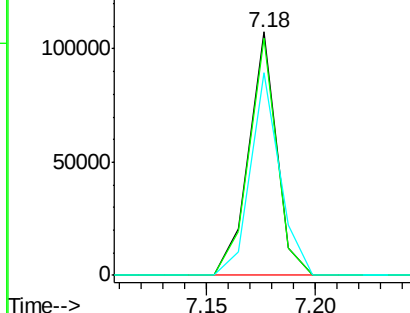
#18
Hexachloroethane
Concen: 41.04 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Instrument :
BNA_F
ClientSampled :
PB91264BS

Tgt Ion: 117 Resp: 96269
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
201 83.2 80.4 120.6

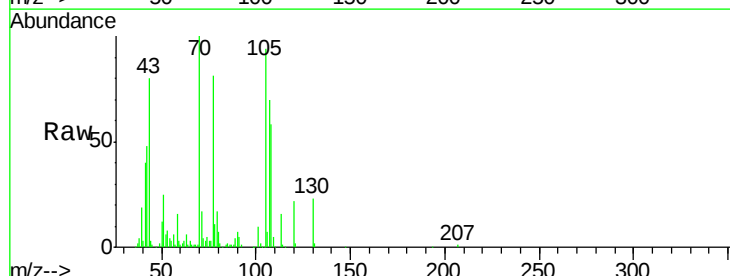


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

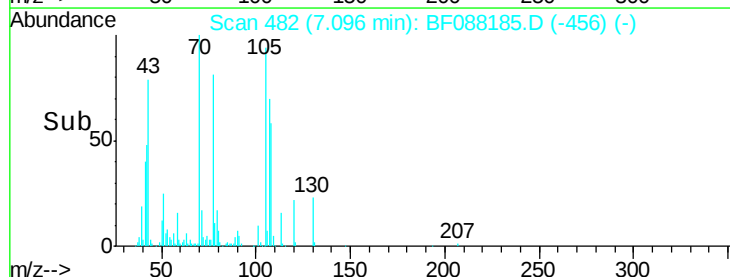
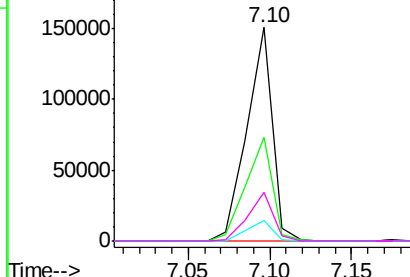


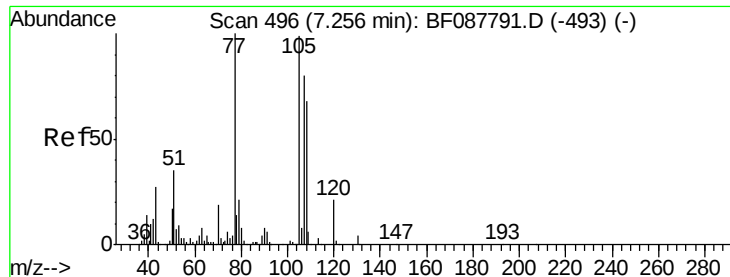
#19
n-Nitroso-di-n-propylamine
Concen: 40.57 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion: 70 Resp: 162537
Ion Ratio Lower Upper
70 100
42 48.5 49.6 74.4#
101 9.8 7.1 10.7
130 22.9 15.4 23.2



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 45.72 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

Tgt Ion:107 Resp: 264578

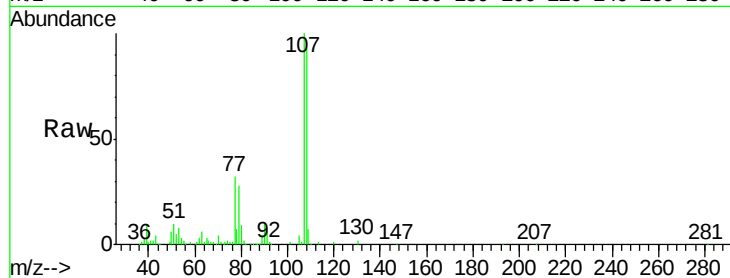
Ion Ratio Lower Upper

107 100

108 92.9 67.8 107.8

77 31.7 59.3 99.3#

79 27.6 7.0 47.0

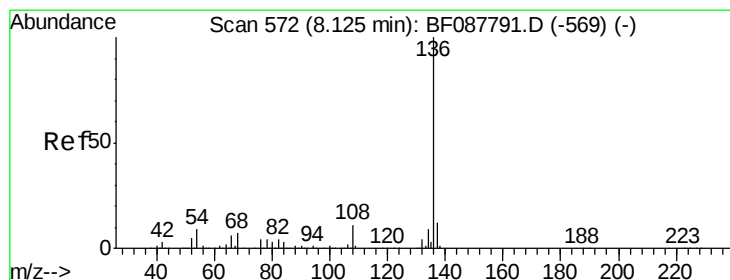
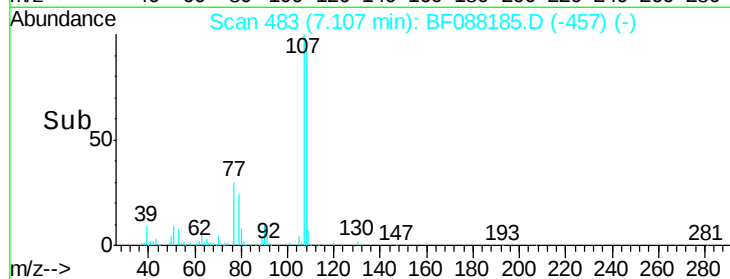
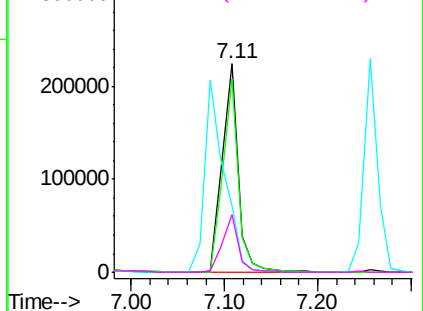


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Tgt Ion:136 Resp: 349802

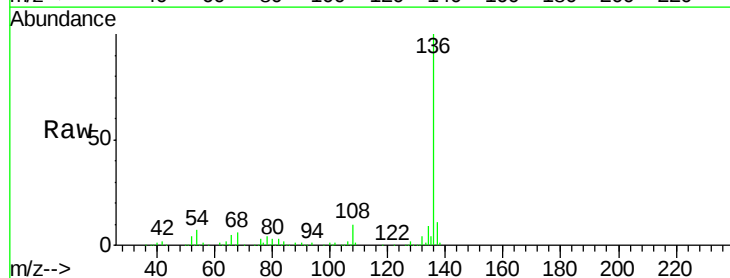
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.2 6.6 10.0

68 6.1 5.1 7.7

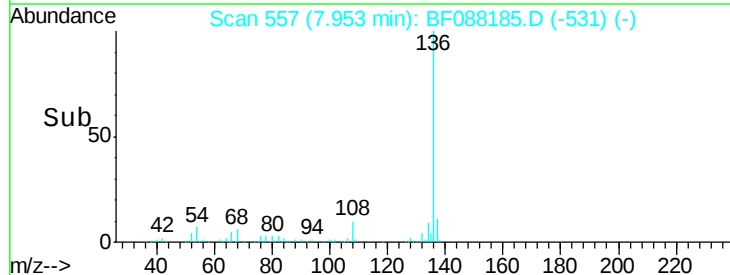
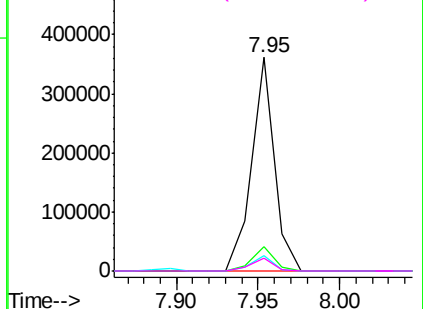


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.03 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

Tgt Ion:105 Resp: 320757

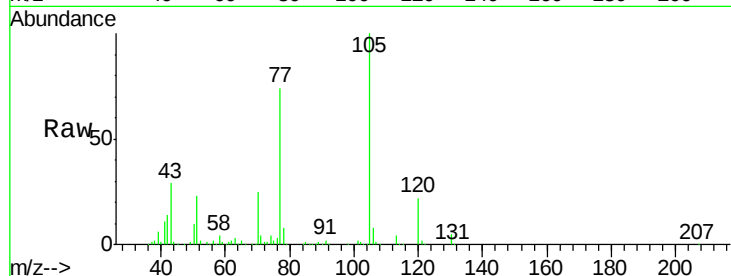
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 23.0 18.2 27.4

120 21.7 18.0 27.0

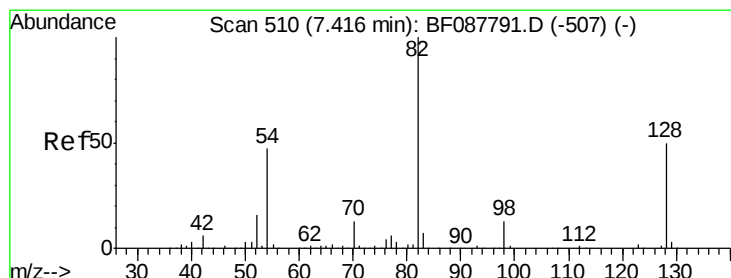
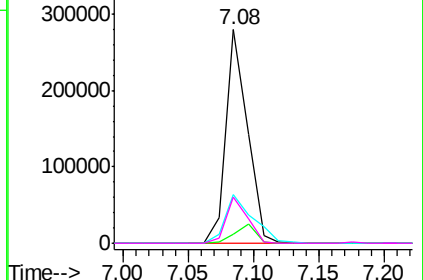
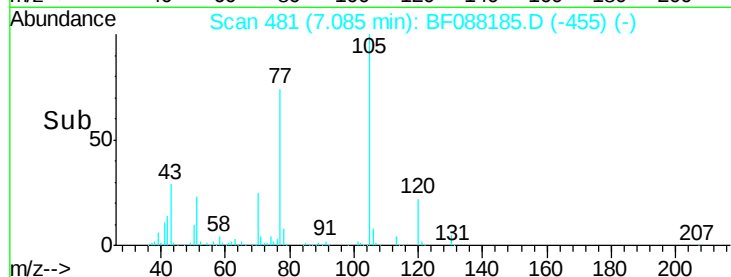


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.94 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

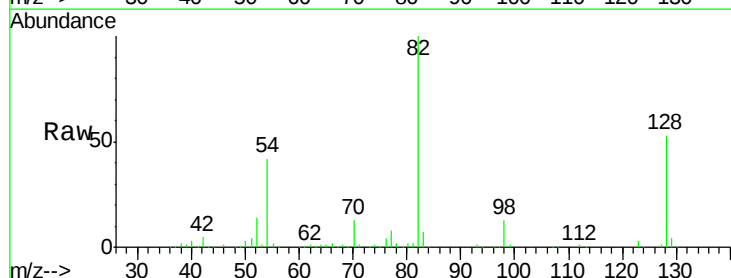
Tgt Ion: 82 Resp: 478864

Ion Ratio Lower Upper

82 100

128 52.6 35.9 53.9

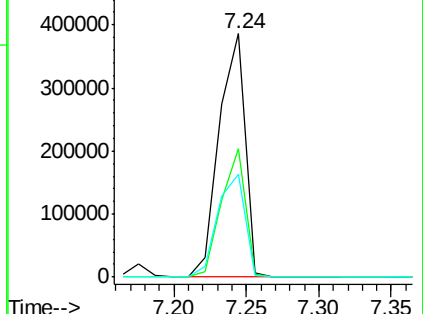
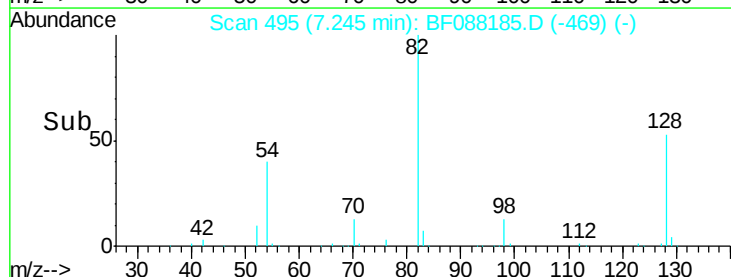
54 42.4 40.9 61.3

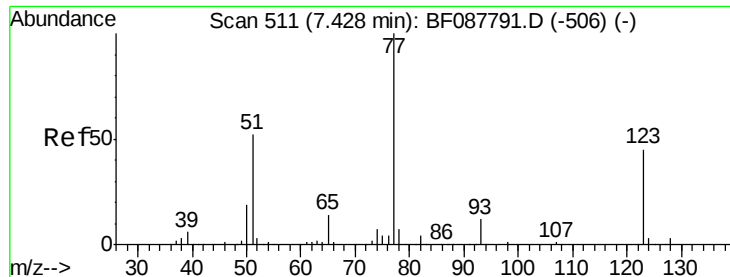


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

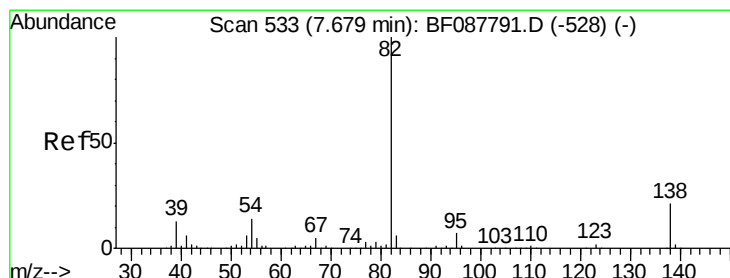
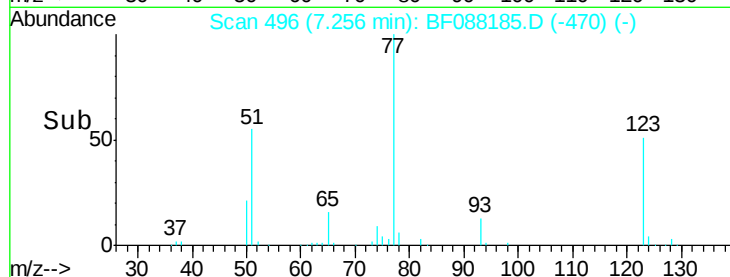
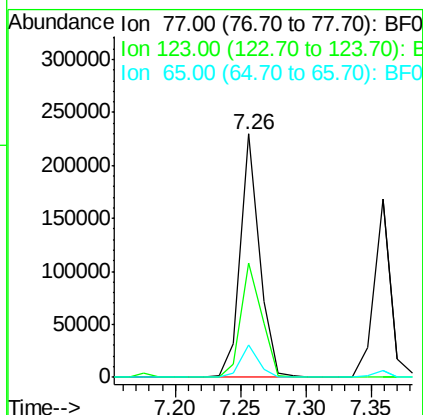
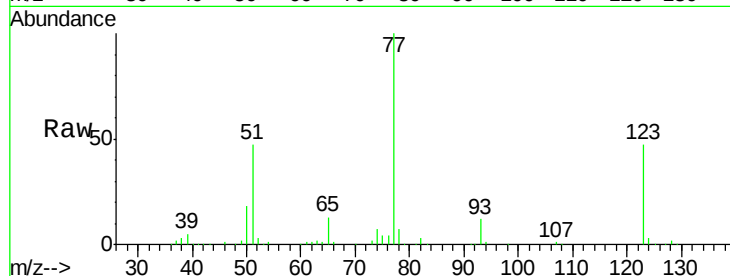




#24
 Nitrobenzene
 Concen: 40.29 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

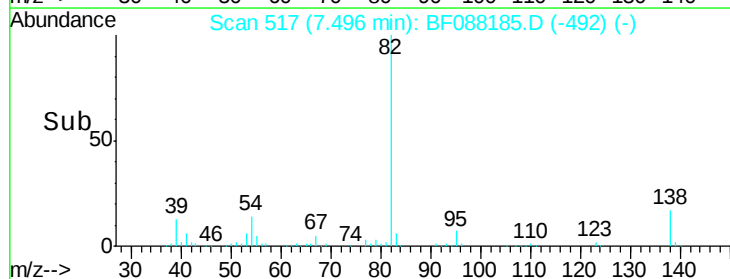
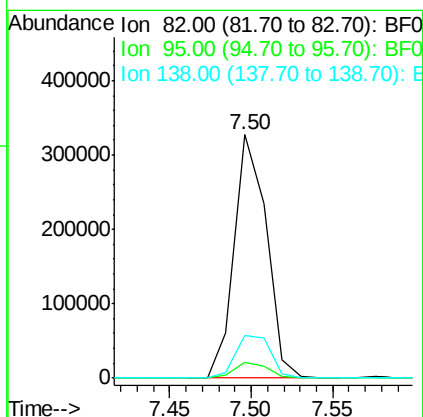
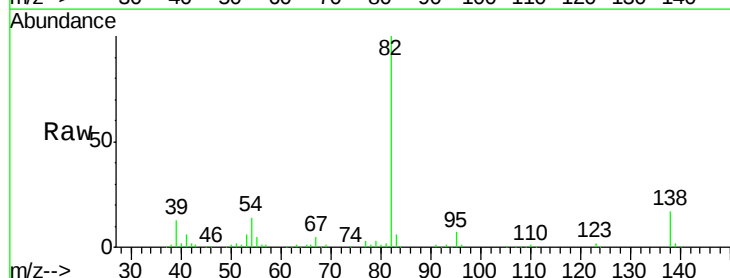
Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Tgt Ion: 77 Resp: 233785
 Ion Ratio Lower Upper
 77 100
 123 47.2 45.0 67.4
 65 13.1 10.2 15.2



#25
 Isophorone
 Concen: 40.31 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion: 82 Resp: 447241
 Ion Ratio Lower Upper
 82 100
 95 6.6 5.4 8.2
 138 17.5 14.6 21.8

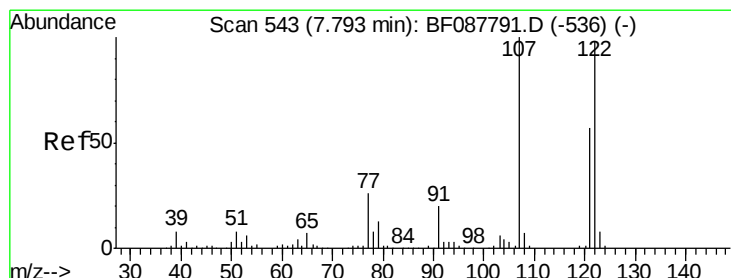
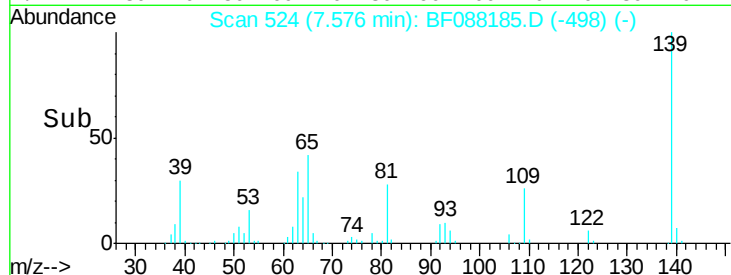
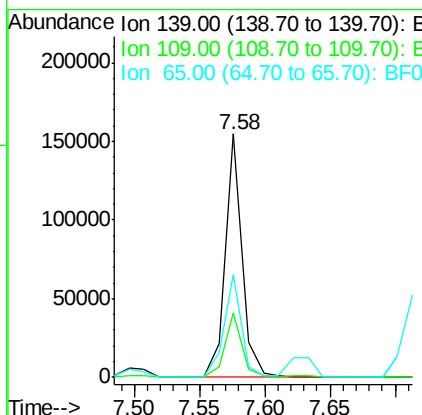
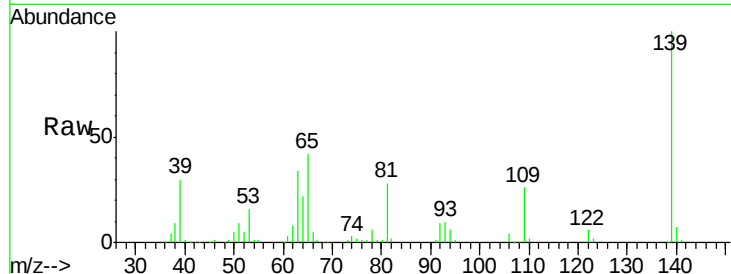




#26
2-Nitrophenol
Concen: 44.78 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

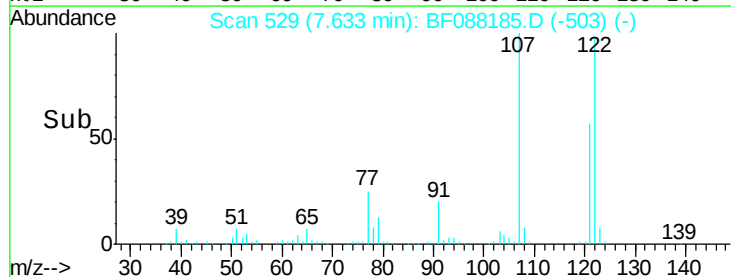
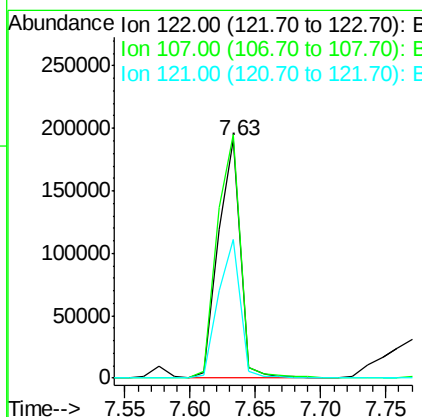
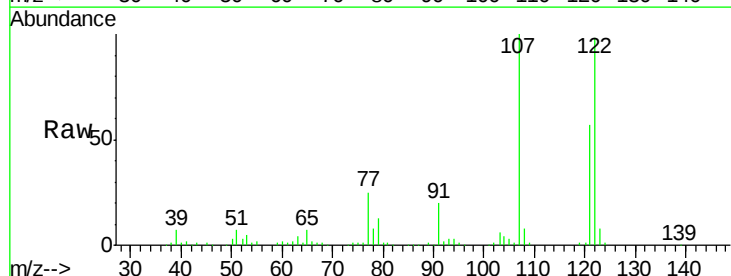
Instrument :
BNA_F
ClientSampleId :
PB91264BS

Tgt Ion:139 Resp: 139182
Ion Ratio Lower Upper
139 100
109 26.5 23.0 34.4
65 42.3 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 39.63 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:122 Resp: 226780
Ion Ratio Lower Upper
122 100
107 102.1 82.4 123.6
121 58.3 46.3 69.5

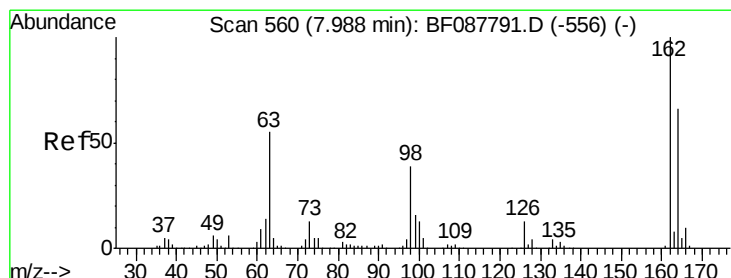
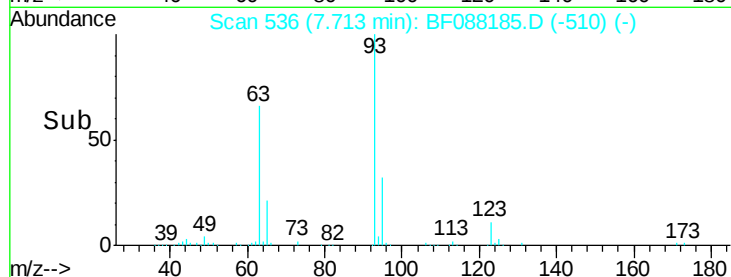
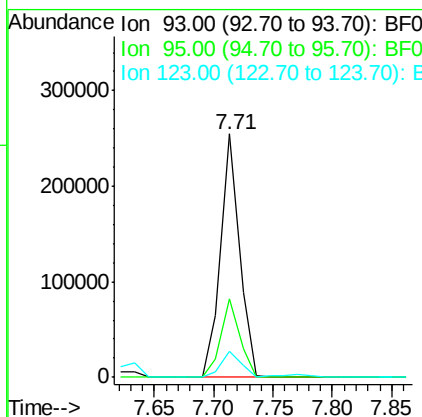
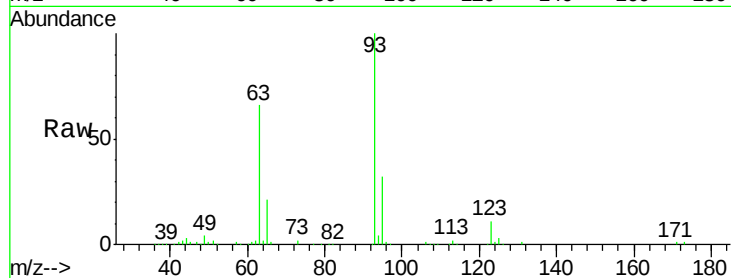




#28
bis(2-Chloroethoxy)methane
Concen: 40.98 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

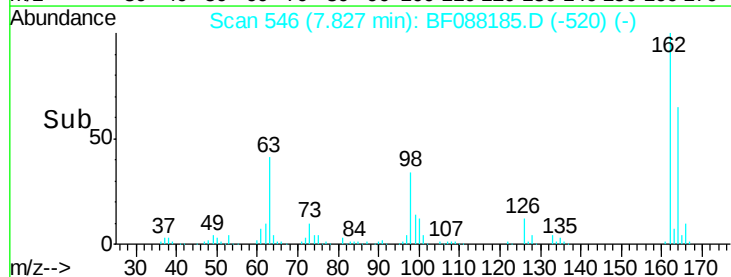
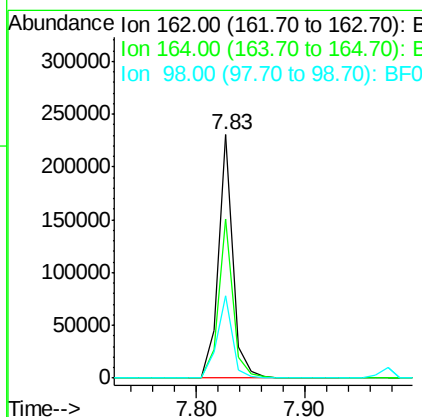
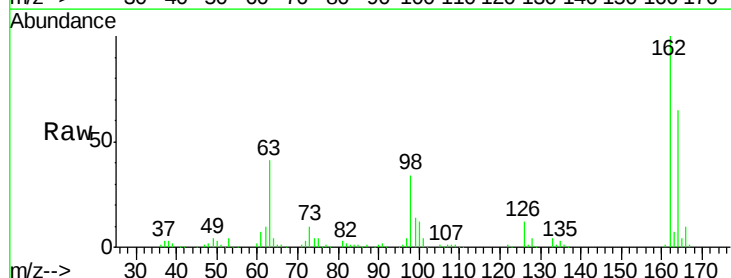
Instrument :
BNA_F
ClientSampleId :
PB91264BS

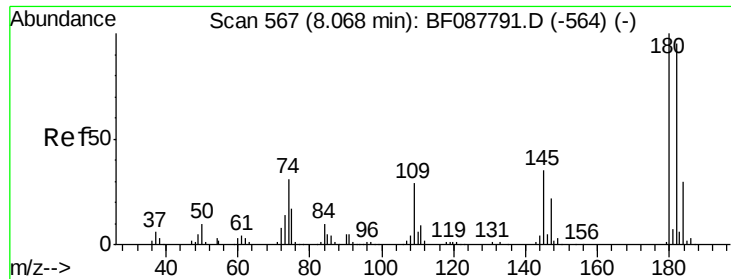
Tgt Ion: 93 Resp: 282017
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 10.6 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 45.21 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:162 Resp: 216020
Ion Ratio Lower Upper
162 100
164 65.1 43.8 83.8
98 33.7 21.3 61.3

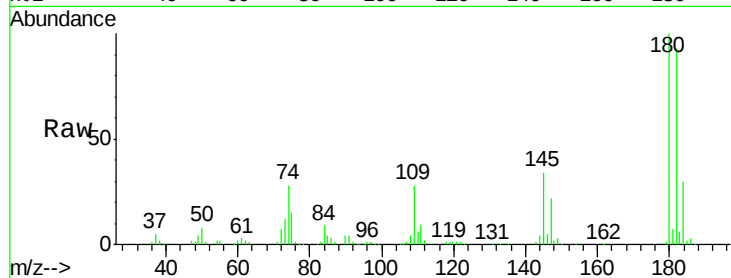




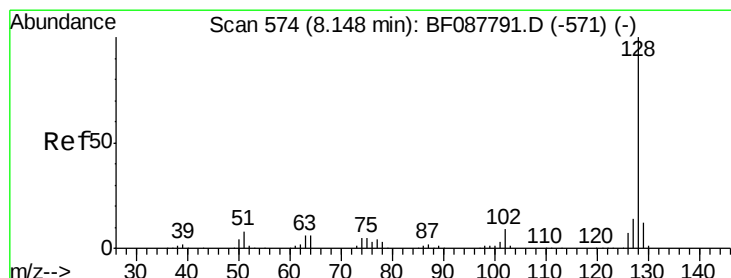
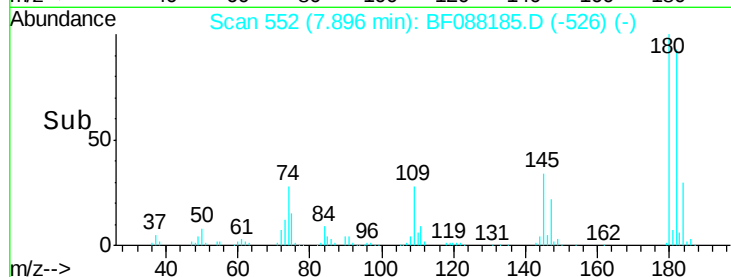
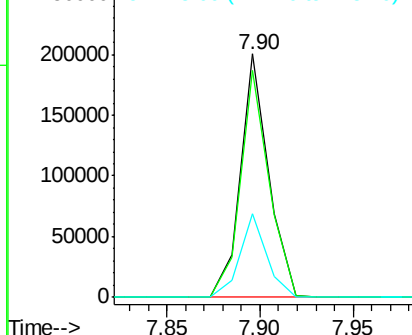
#30
 1,2,4-Trichlorobenzene
 Concen: 40.25 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampled :
 PB91264BS

Tgt Ion:180 Resp: 209401
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.0 114.0
 145 34.5 26.5 39.7

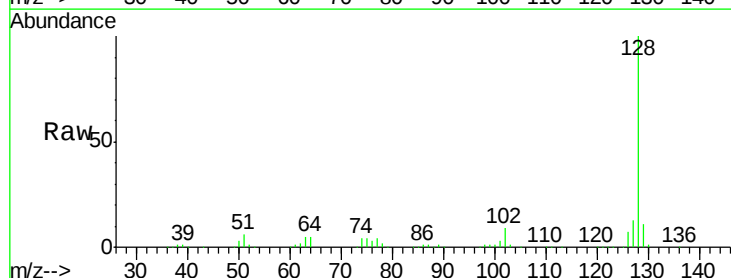


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

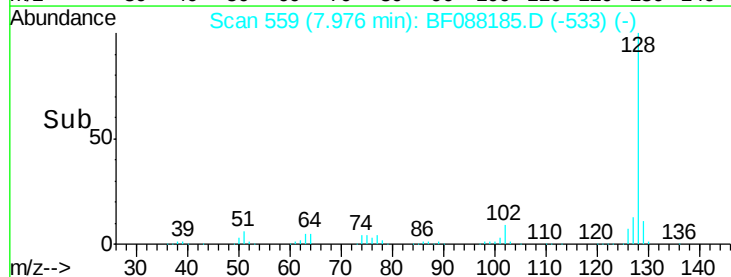
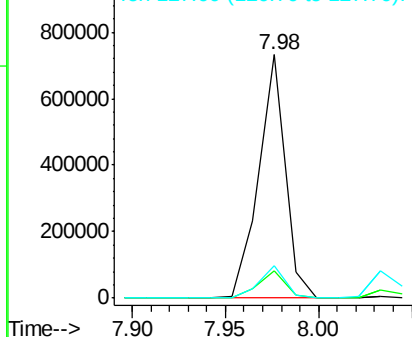


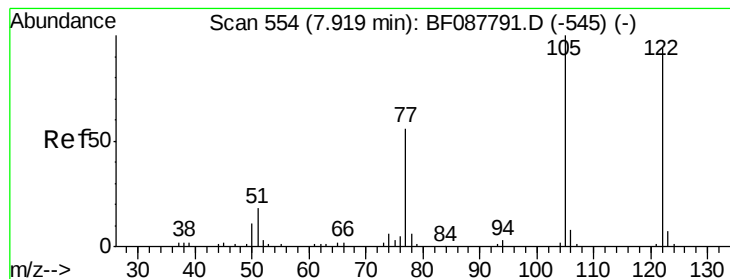
#31
 Naphthalene
 Concen: 41.80 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion:128 Resp: 723586
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.4 14.2
 127 13.2 10.9 16.3



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: 25.26 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

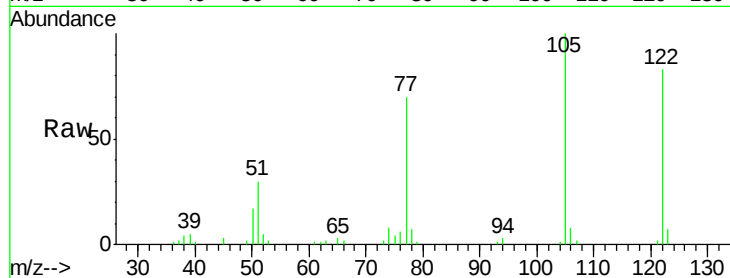
Tgt Ion:122 Resp: 79603

Ion Ratio Lower Upper

122 100

105 119.8 101.6 141.6

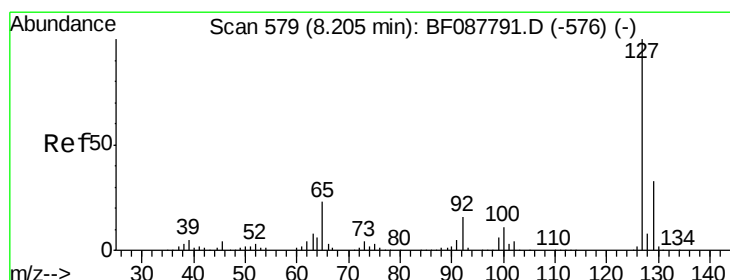
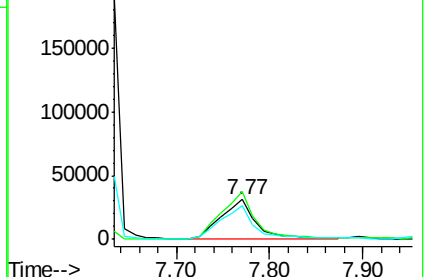
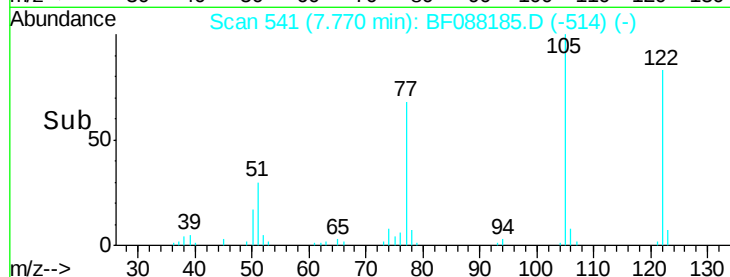
77 83.6 70.6 110.6



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: 13.70 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Tgt Ion:127 Resp: 105909

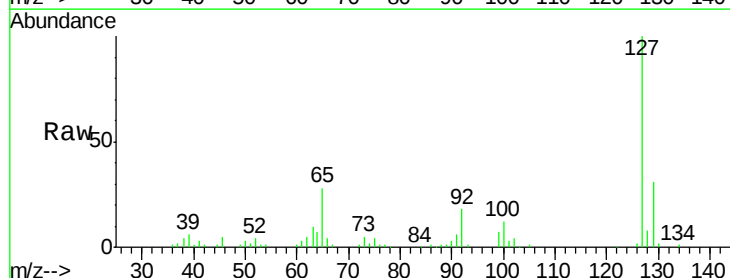
Ion Ratio Lower Upper

127 100

129 30.8 26.3 39.5

65 27.7 24.7 37.1

92 17.9 15.4 23.0

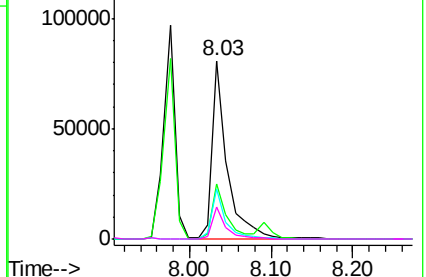
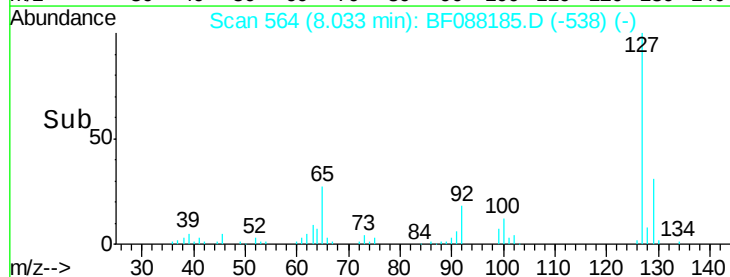


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

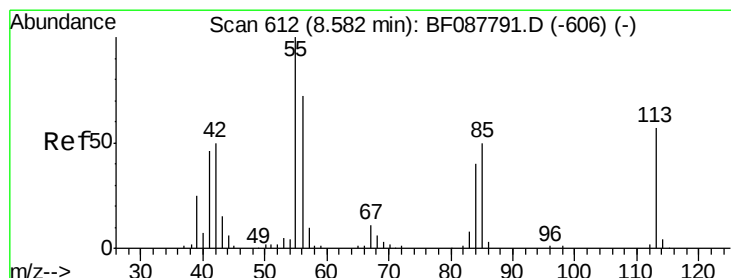
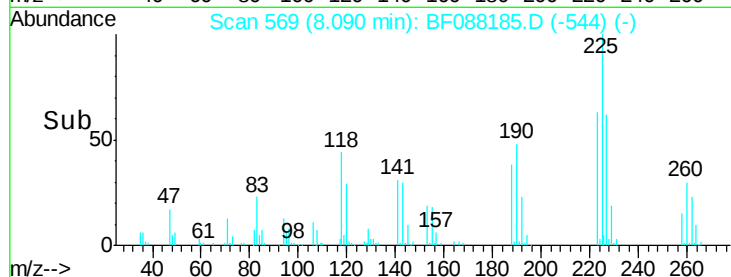
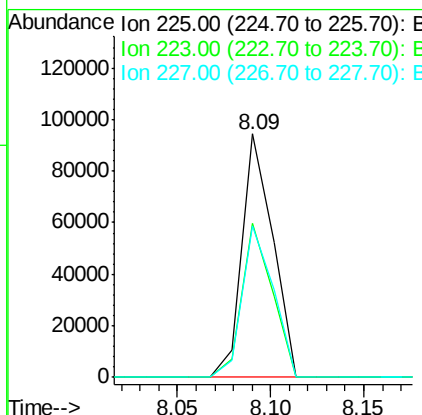
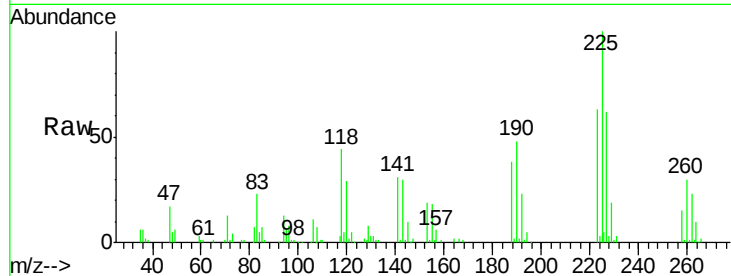




#34
Hexachlorobutadiene
Concen: 39.47 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

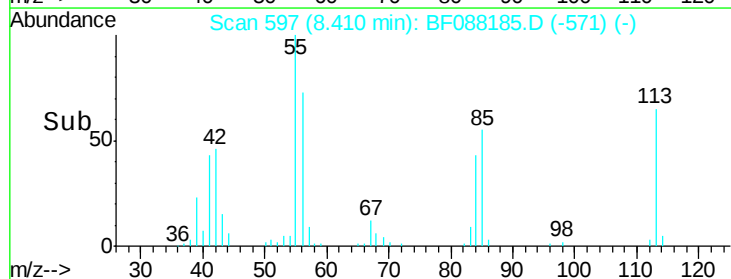
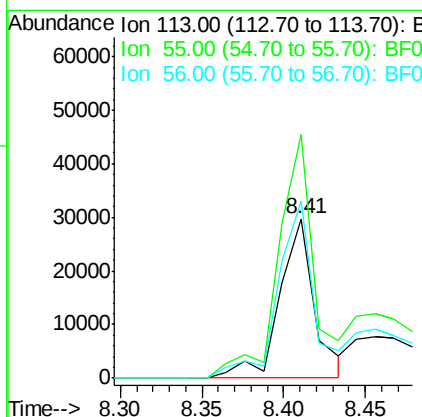
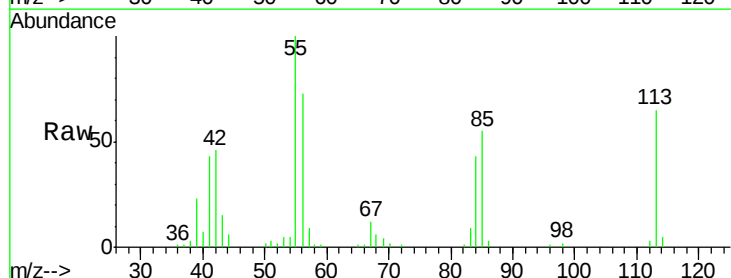
Instrument :
BNA_F
ClientSampleId :
PB91264BS

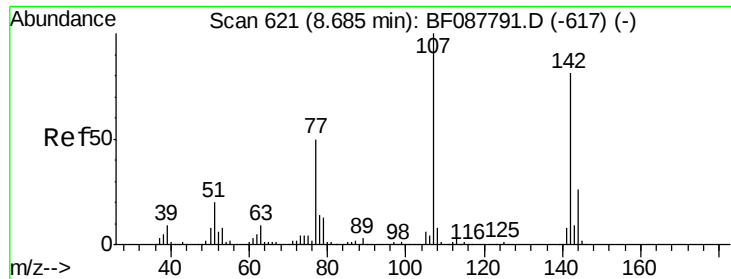
Tgt Ion:225 Resp: 108296
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 62.3 51.9 77.9



#35
Caprolactam
Concen: 27.75 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:113 Resp: 43926
Ion Ratio Lower Upper
113 100
55 152.7 158.6 198.6#
56 111.0 110.6 150.6

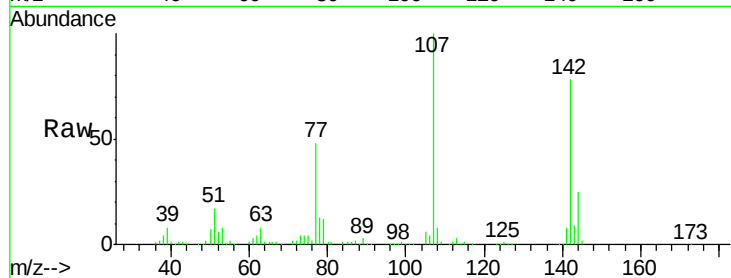




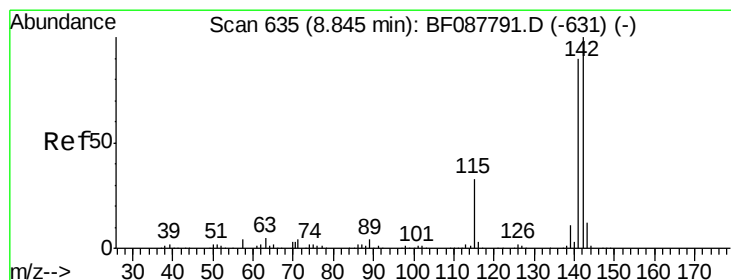
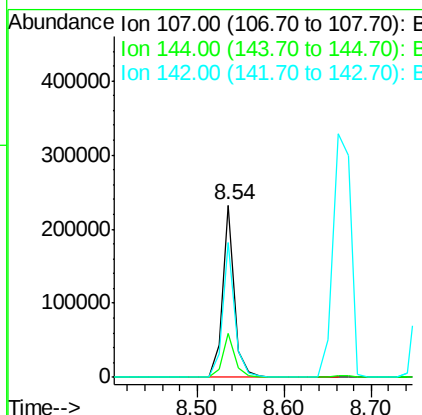
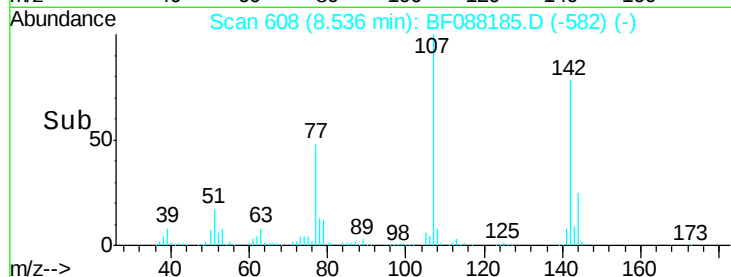
#36
 4-Chloro-3-methylphenol
 Concen: 43.79 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Tgt Ion:107 Resp: 223771
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.8 31.2
 142 78.5 63.4 95.2

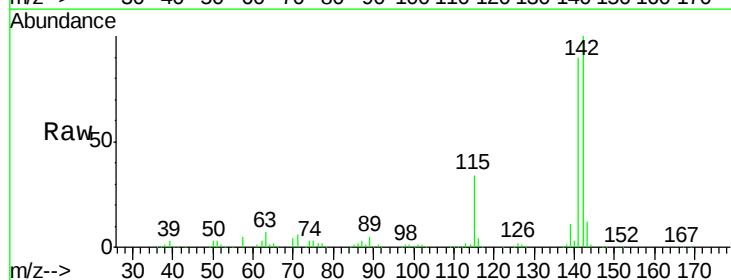


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

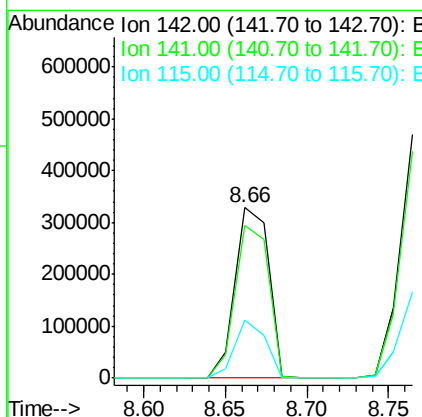
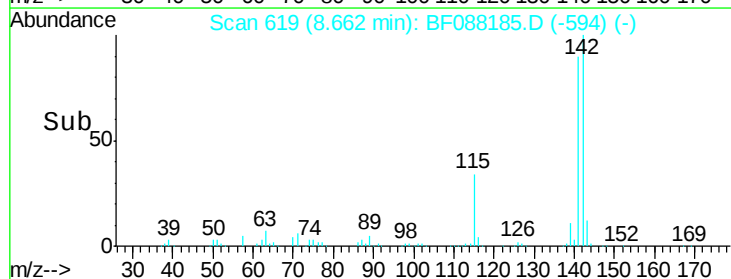


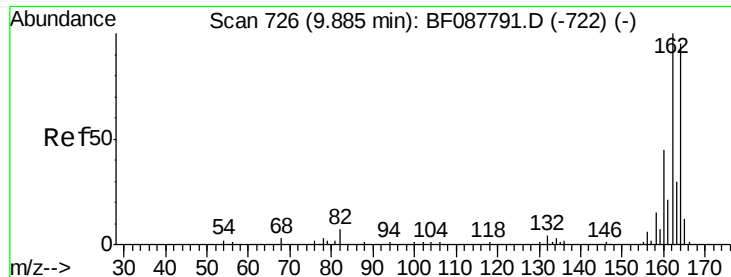
#37
 2-Methylnaphthalene
 Concen: 41.20 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion:142 Resp: 470057
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 34.4 22.6 33.8#



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

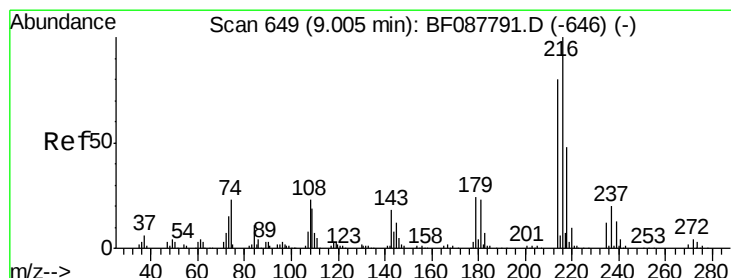
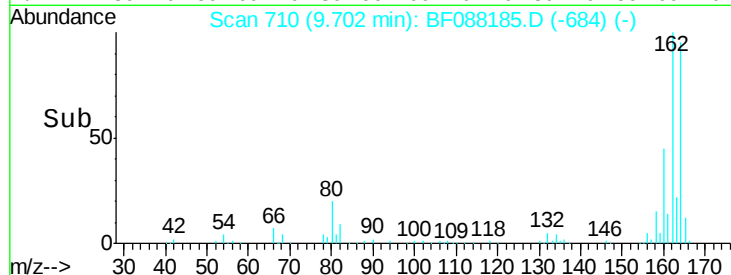
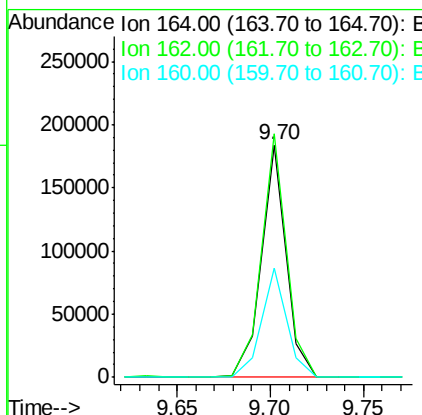
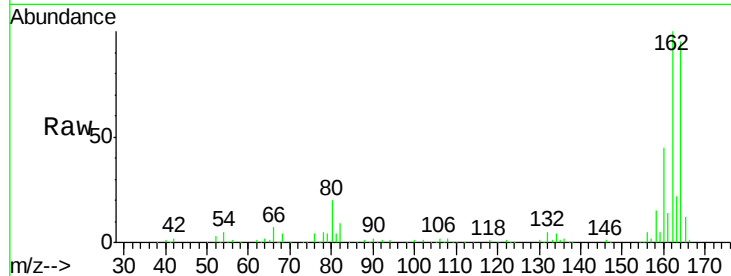




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

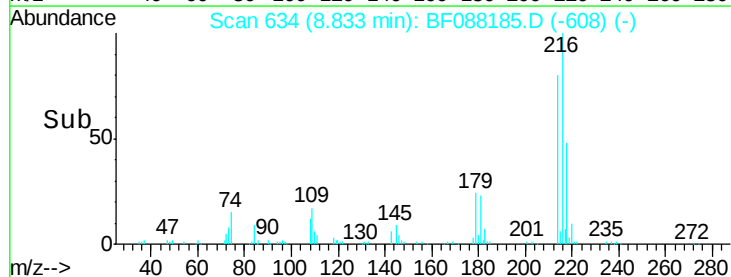
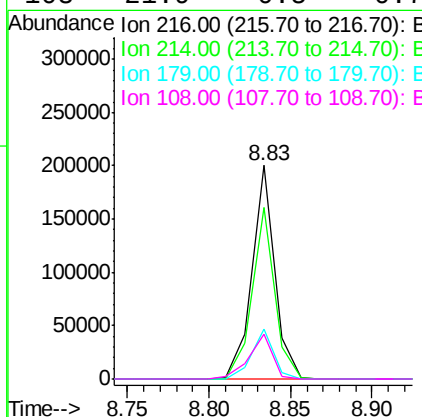
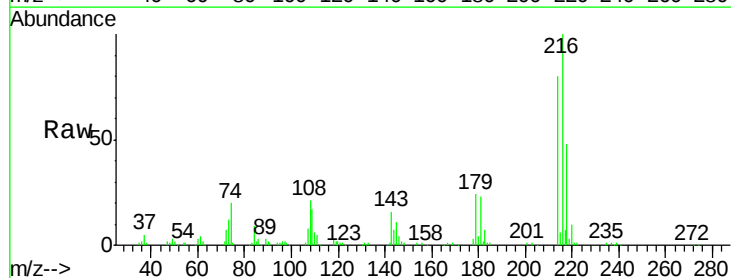
Instrument :
BNA_F
ClientSampleId :
PB91264BS

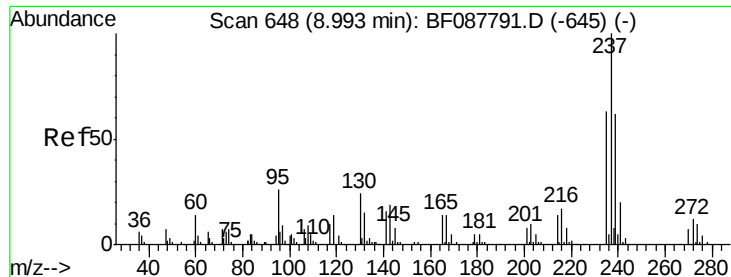
Tgt Ion:164 Resp: 167687
Ion Ratio Lower Upper
164 100
162 104.7 85.4 128.2
160 47.0 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.09 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:216 Resp: 193757
Ion Ratio Lower Upper
216 100
214 79.8 2.9 4.3#
179 22.7 0.0 0.0#
108 21.9 0.5 0.7#

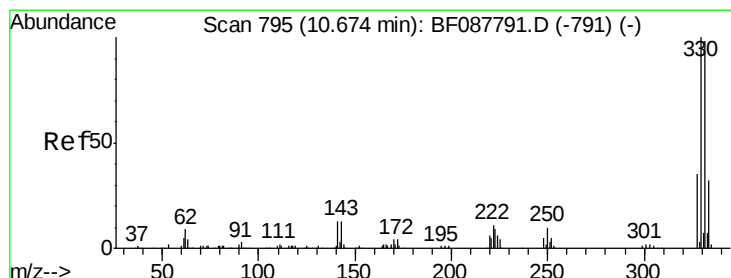
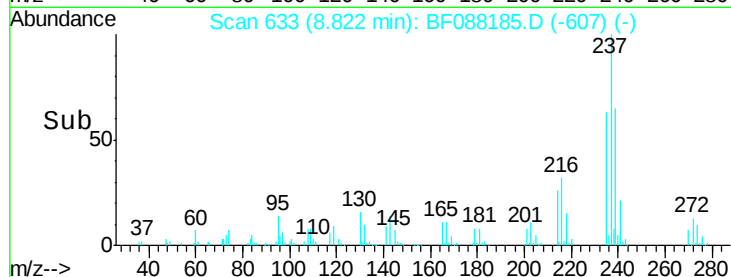
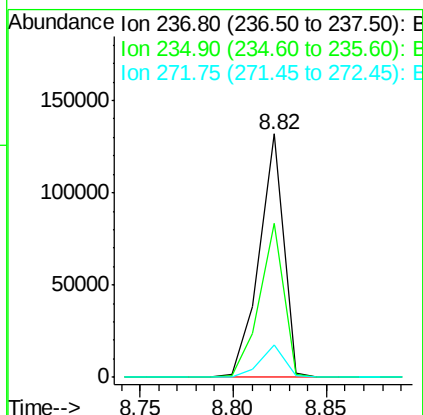
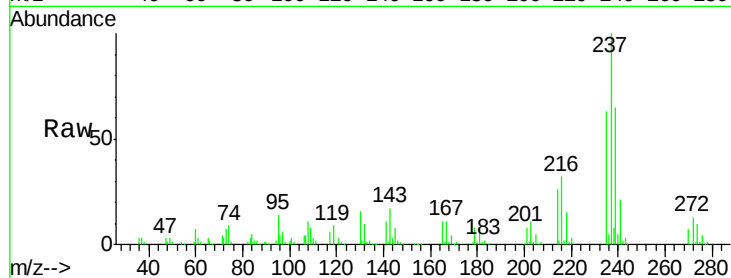




#40
Hexachlorocyclopentadiene
Concen: 44.12 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

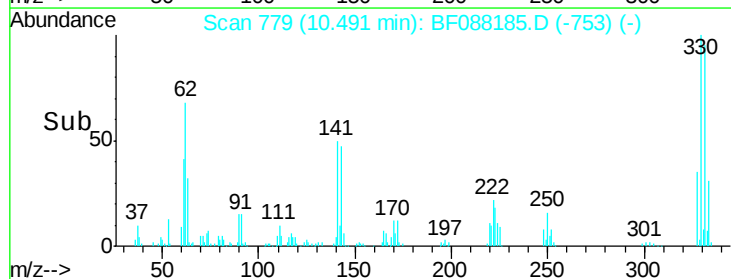
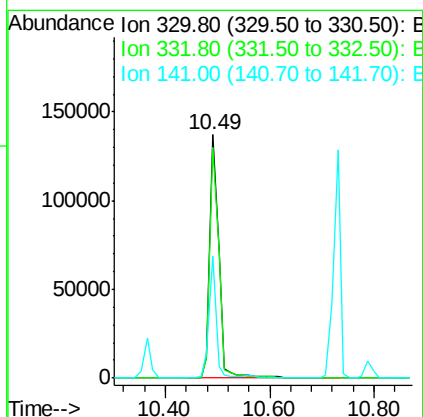
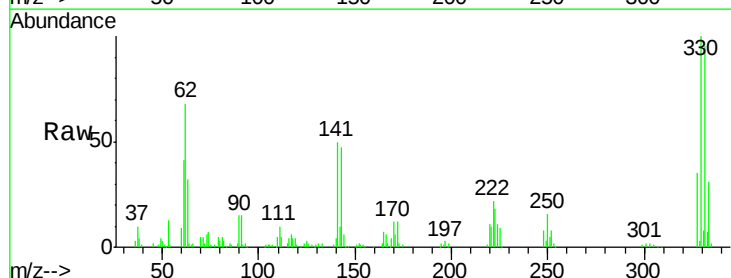
Instrument :
BNA_F
ClientSampleId :
PB91264BS

Tgt Ion: 237 Resp: 119350
Ion Ratio Lower Upper
237 100
235 63.2 43.4 83.4
272 13.1 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 93.94 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion: 330 Resp: 166337
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 38.9 0.0 0.0#

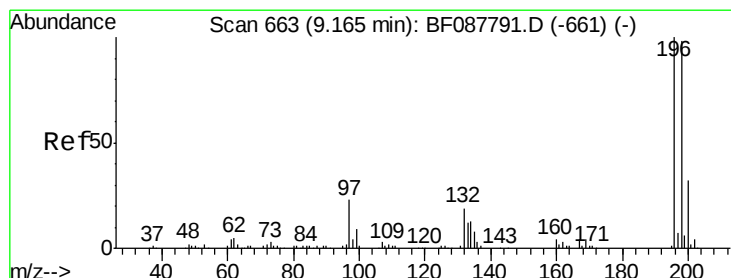
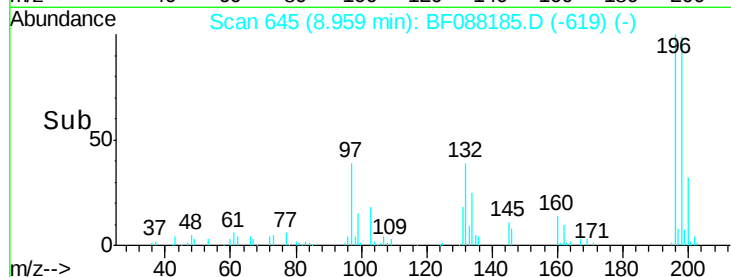
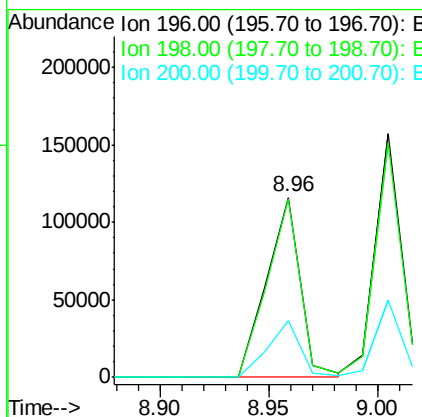
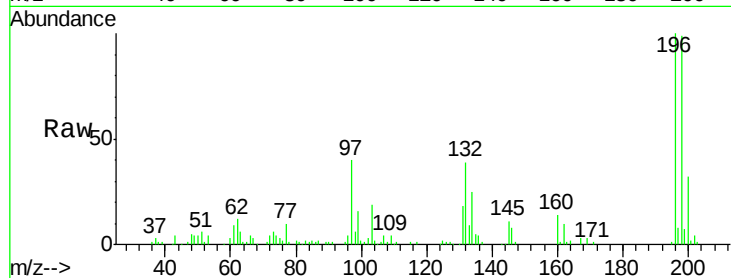




#42
 2,4,6-Trichlorophenol
 Concen: 37.50 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

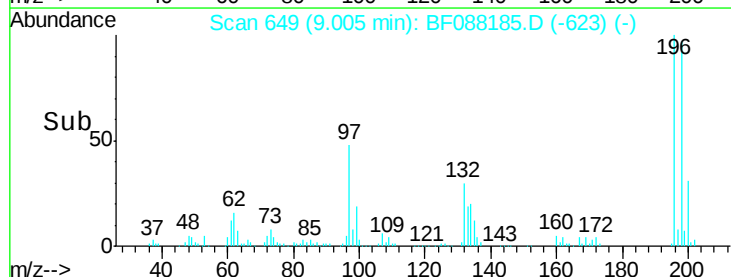
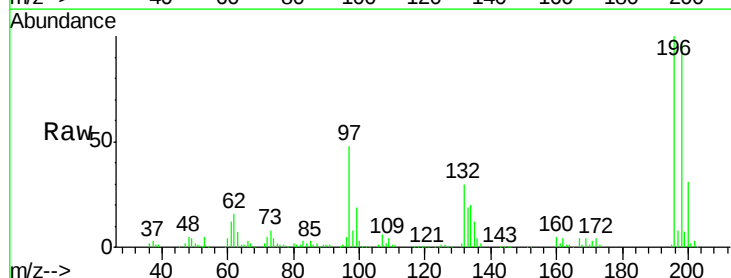
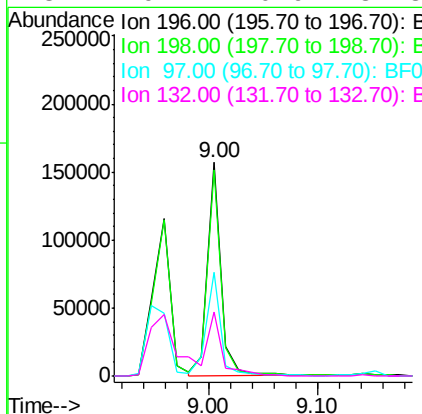
Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

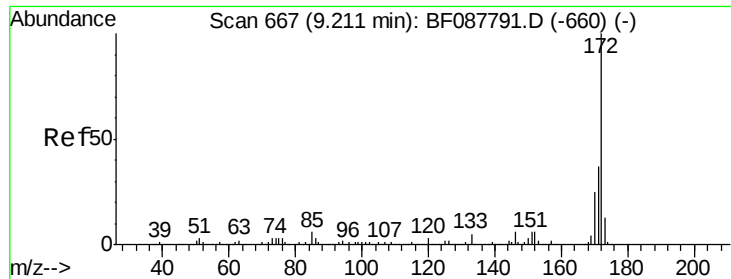
Tgt Ion:196 Resp: 125767
 Ion Ratio Lower Upper
 196 100
 198 99.1 78.0 117.0
 200 31.6 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 39.83 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion:196 Resp: 138945
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.5 116.3
 97 48.3 32.0 48.0#
 132 29.7 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 85.86 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

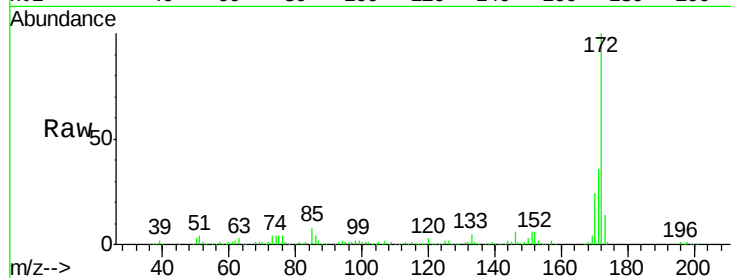
Tgt Ion:172 Resp: 915954

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

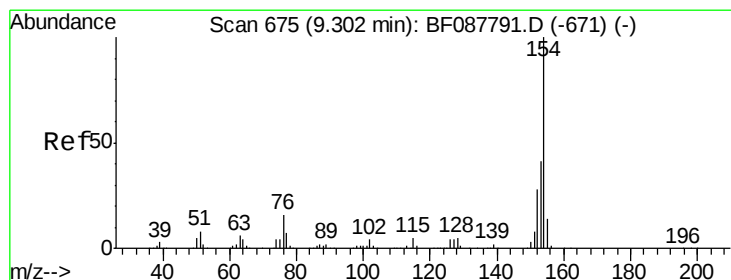
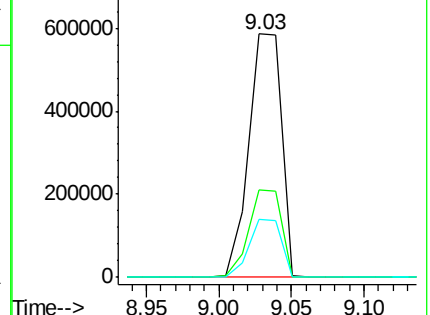
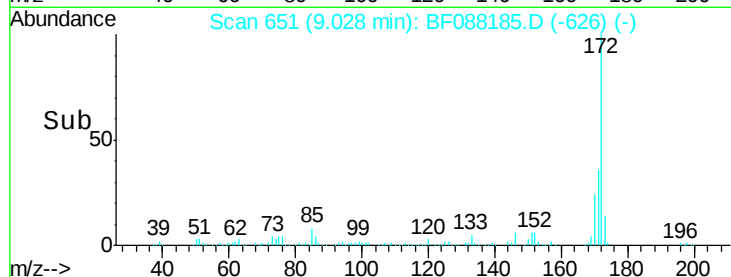
170 23.8 19.2 28.8



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: 44.96 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

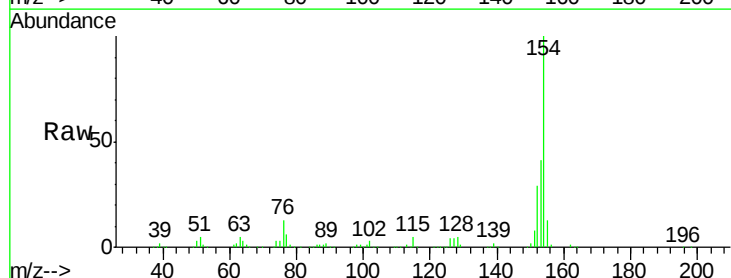
Tgt Ion:154 Resp: 565950

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

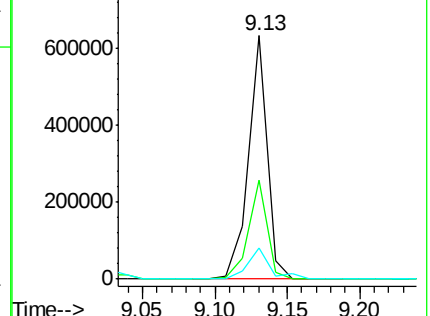
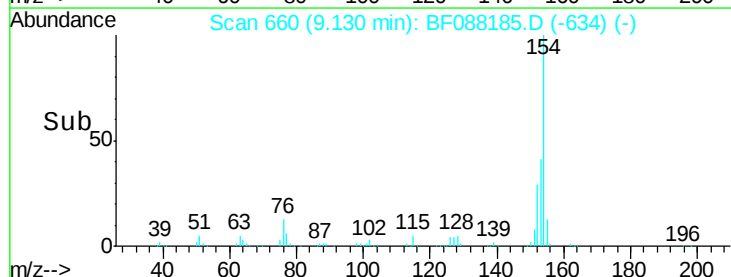
76 12.9 0.0 35.1

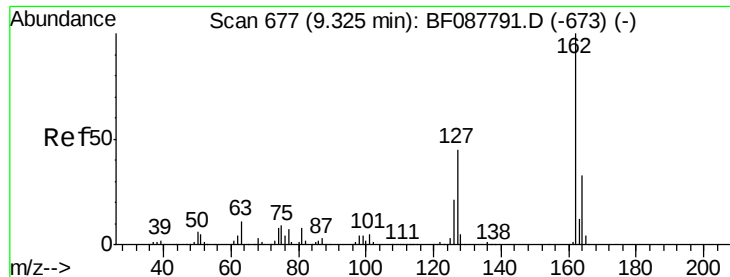


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

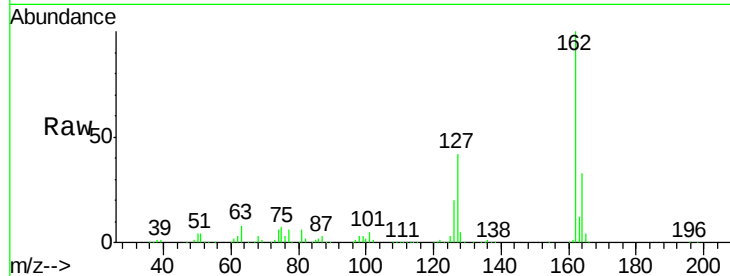




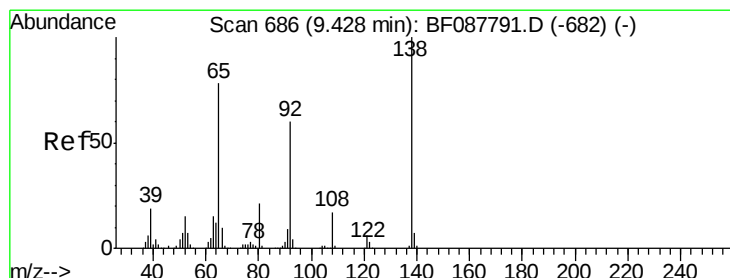
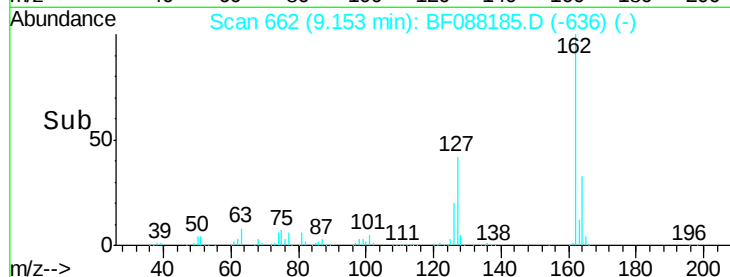
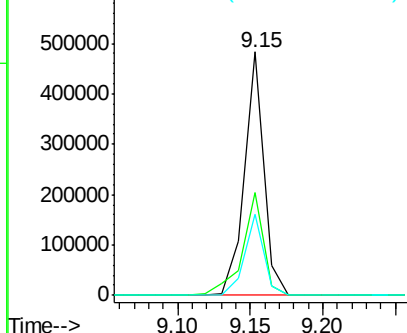
#46
2-Chloronaphthalene
Concen: 41.51 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Instrument :
BNA_F
ClientSampleId :
PB91264BS

Tgt Ion: 162 Resp: 450382
Ion Ratio Lower Upper
162 100
127 42.3 35.2 52.8
164 33.1 26.6 39.8

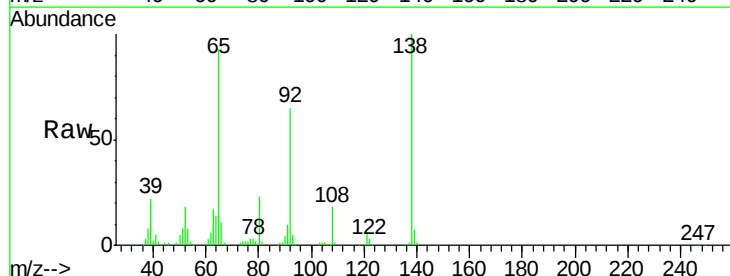


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

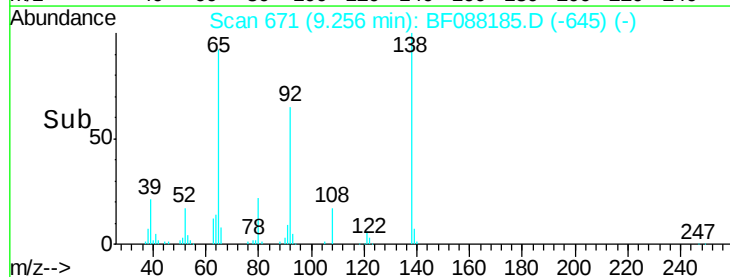
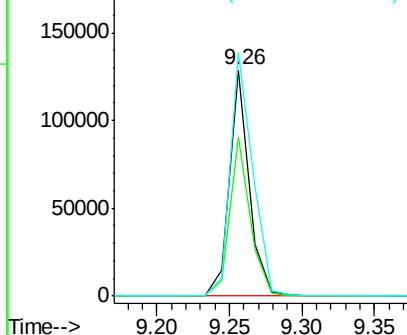


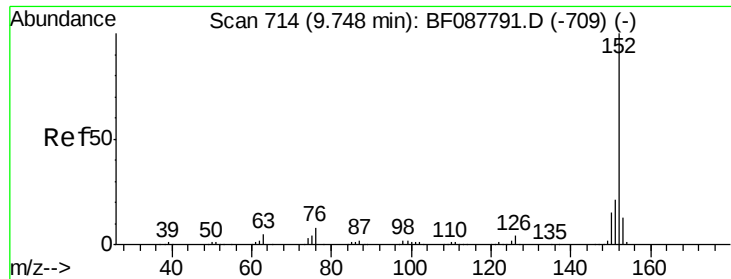
#47
2-Nitroaniline
Concen: 37.68 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion: 65 Resp: 120613
Ion Ratio Lower Upper
65 100
92 70.4 54.6 82.0
138 107.7 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 37.93 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

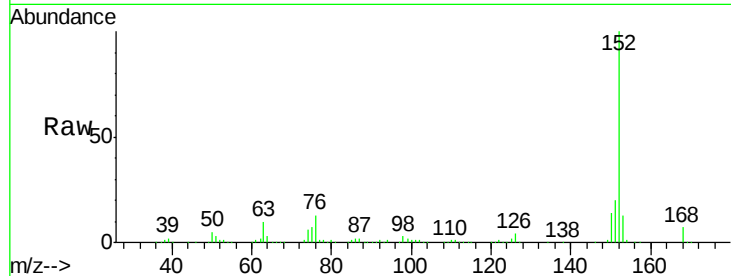
Tgt Ion:152 Resp: 654655

Ion Ratio Lower Upper

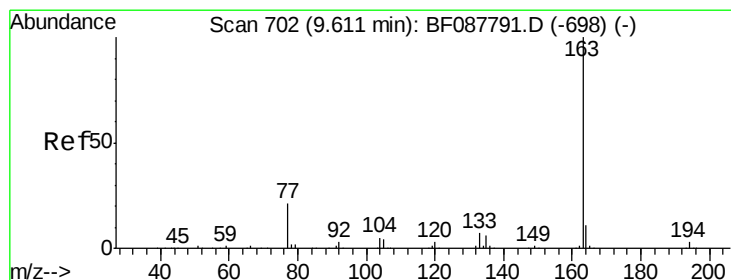
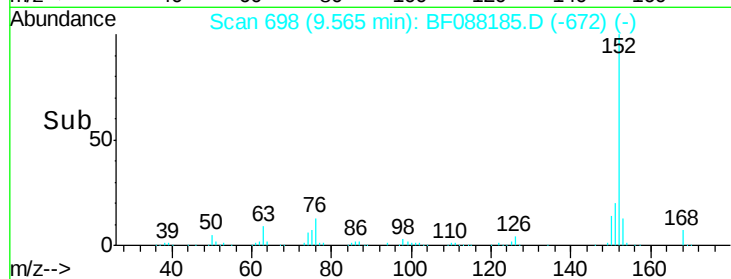
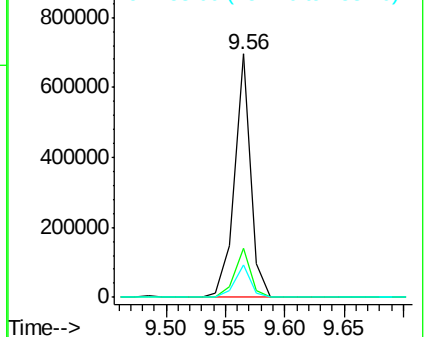
152 100

151 20.3 16.2 24.4

153 13.4 11.0 16.6



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



#49

Dimethylphthalate

Concen: 42.16 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

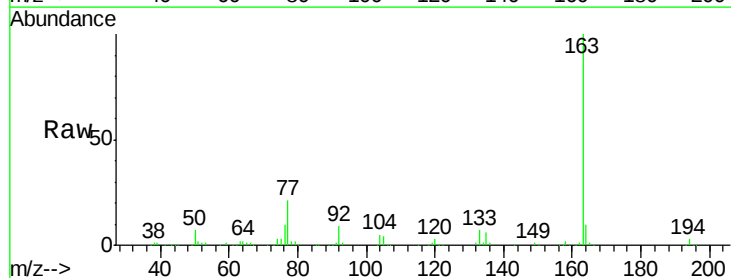
Tgt Ion:163 Resp: 512116

Ion Ratio Lower Upper

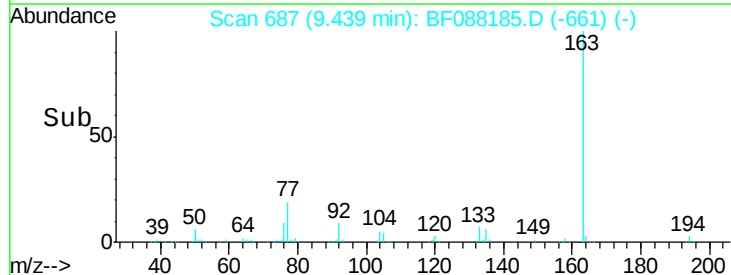
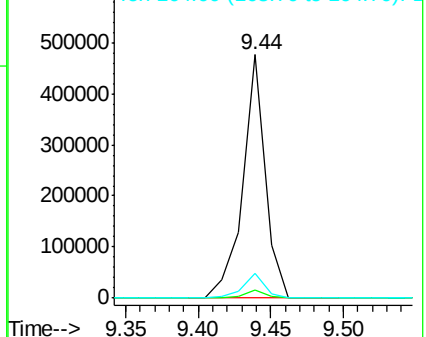
163 100

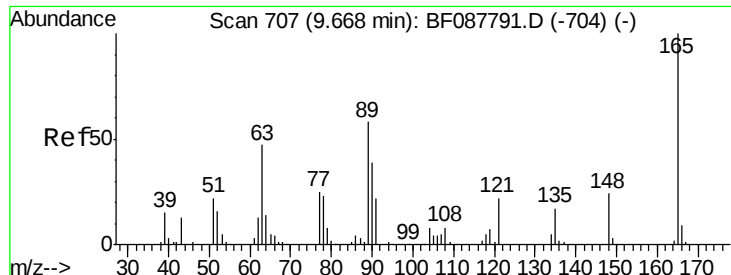
194 3.3 2.8 4.2

164 10.4 8.3 12.5



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

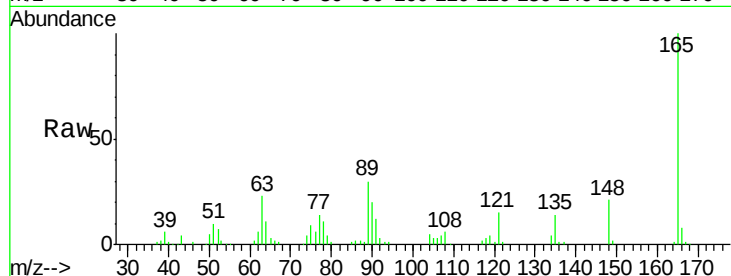




#50
2,6-Dinitrotoluene
Concen: 44.66 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Instrument :
BNA_F
ClientSampleId :
PB91264BS

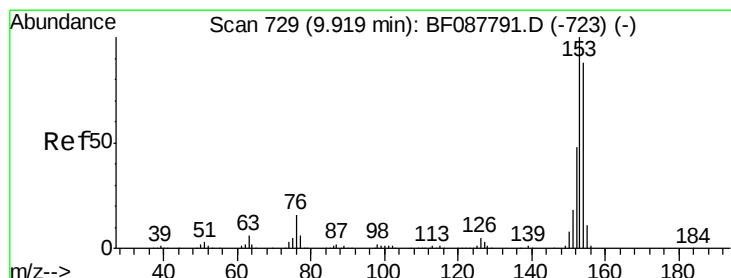
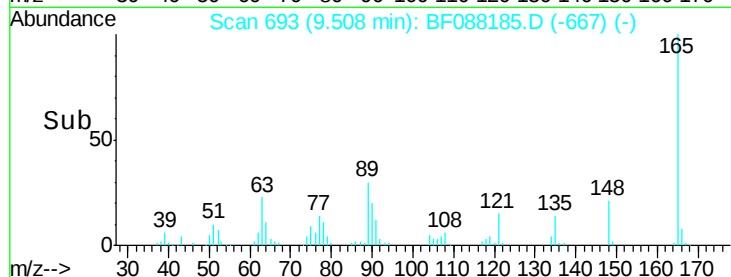
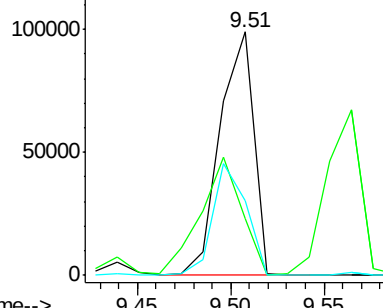
Tgt Ion	Ratio	Lower	Upper
165	100		
63	23.5	28.1	42.1#
89	30.5	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

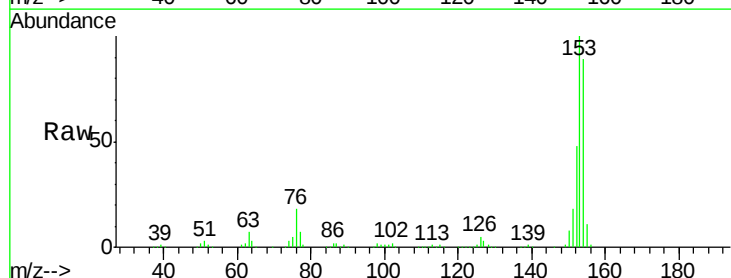
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 37.81 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

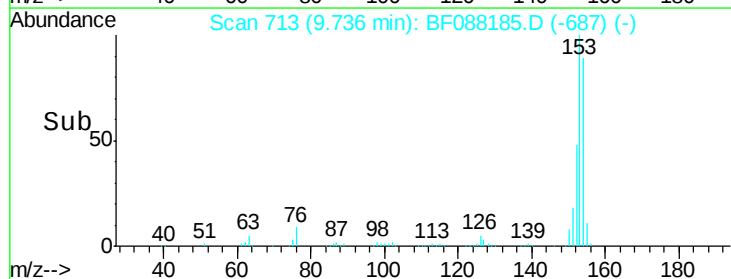
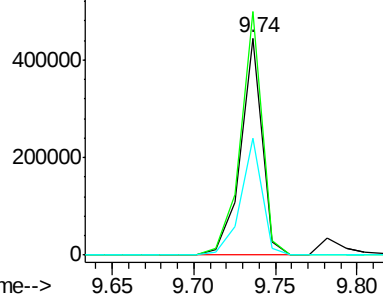
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.5	134.3
152	53.6	42.7	64.1

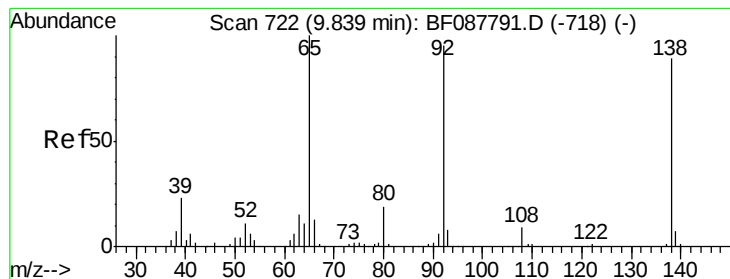


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 20.72 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampled :

PB91264BS

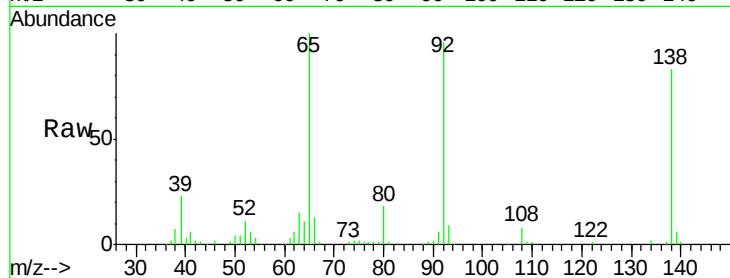
Tgt Ion:138 Resp: 66526

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

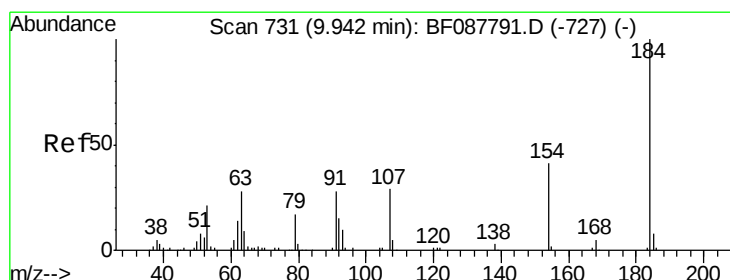
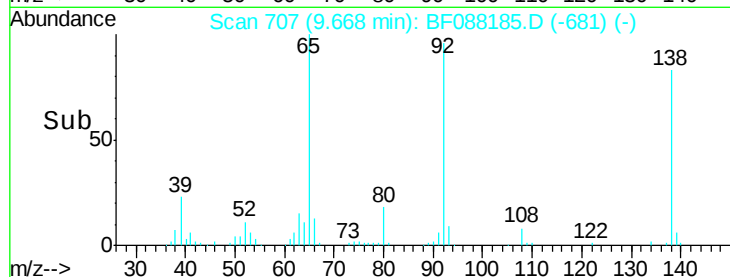
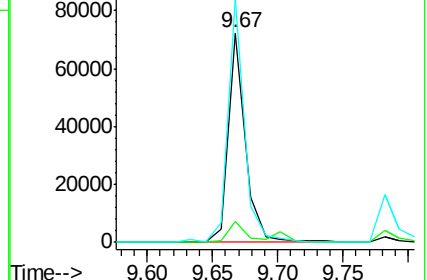
92 116.2 95.7 143.5



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: 49.72 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

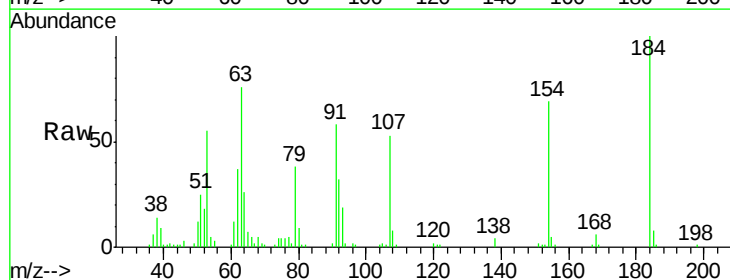
Tgt Ion:184 Resp: 67775

Ion Ratio Lower Upper

184 100

63 76.4 57.6 86.4

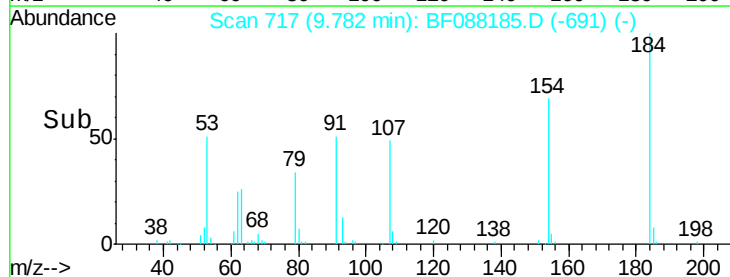
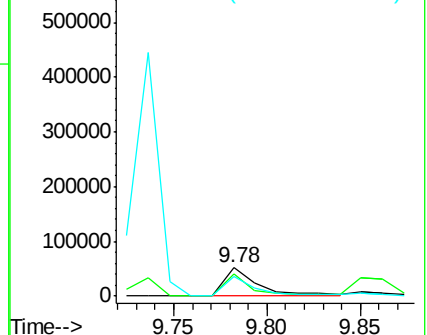
154 68.8 53.5 80.3

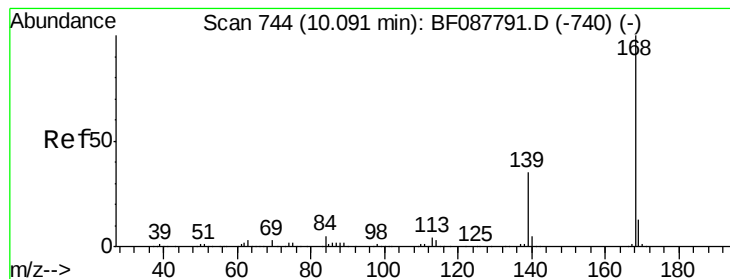


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 37.24 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

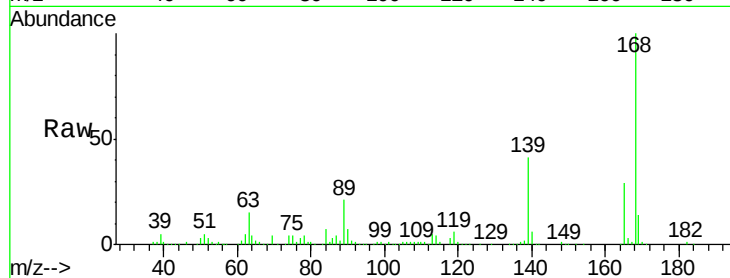
Tgt Ion:168 Resp: 552164

Ion Ratio Lower Upper

168 100

139 41.5 26.4 39.6#

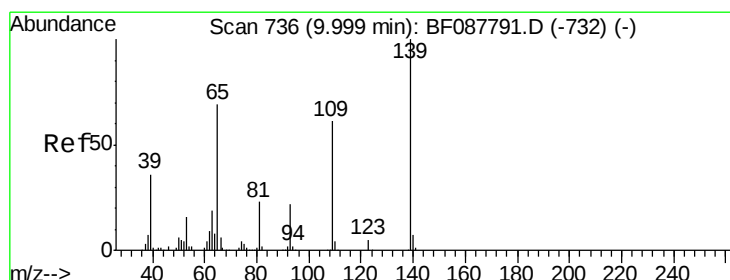
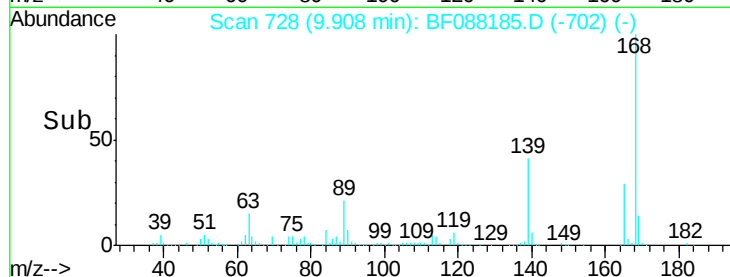
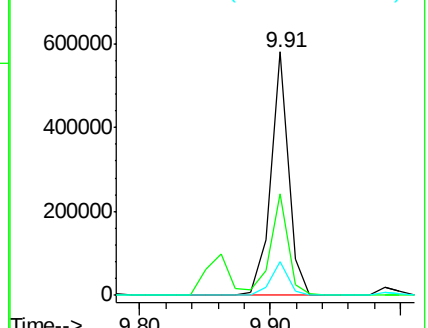
169 13.6 10.4 15.6



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: 52.20 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

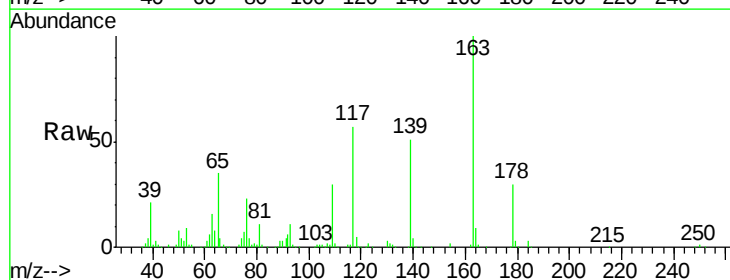
Tgt Ion:139 Resp: 130060

Ion Ratio Lower Upper

139 100

109 58.2 48.9 88.9

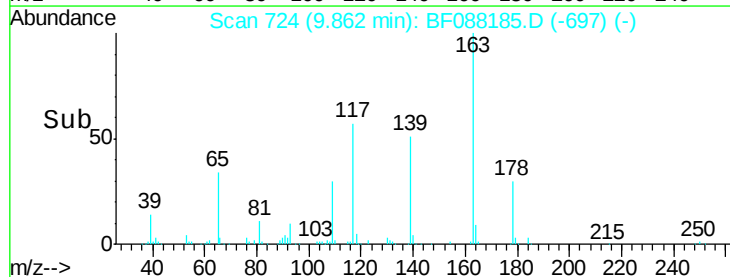
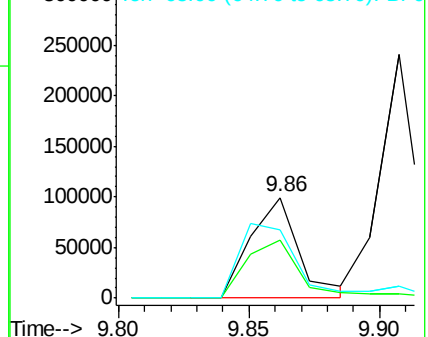
65 68.3 84.9 124.9#

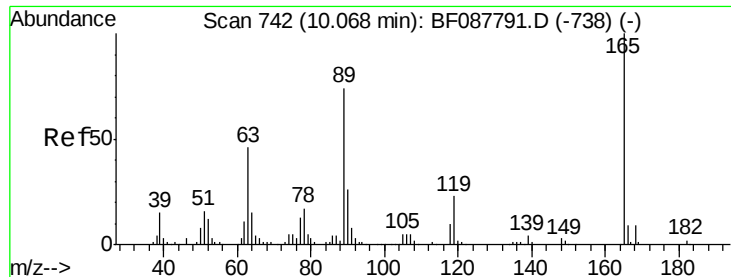


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

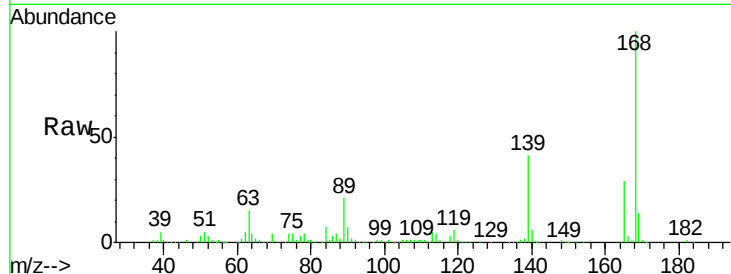




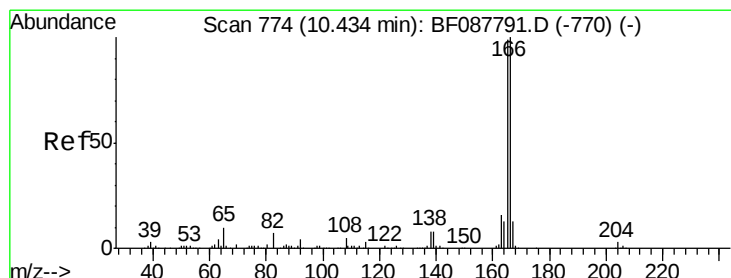
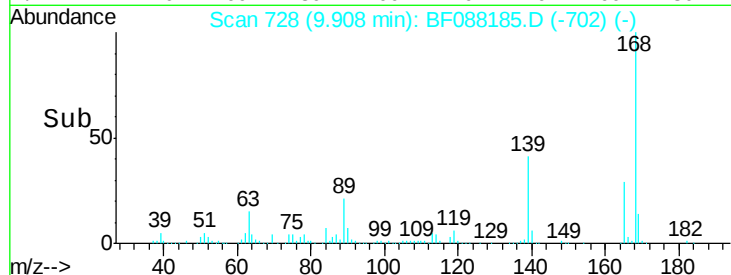
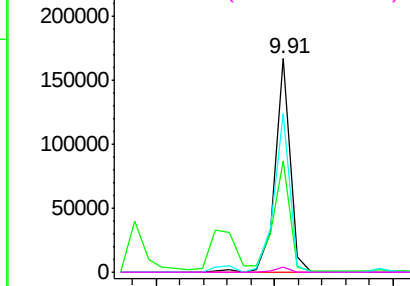
#56
2,4-Dinitrotoluene
Concen: 41.31 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Instrument :
BNA_F
ClientSampleId :
PB91264BS

Tgt Ion:165 Resp: 147673
Ion Ratio Lower Upper
165 100
63 51.9 22.0 33.0#
89 74.5 41.1 61.7#
182 2.4 2.0 3.0

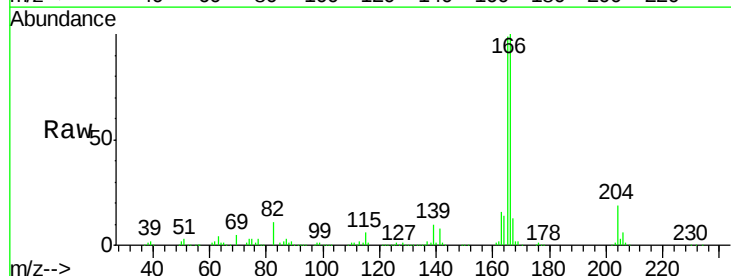


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

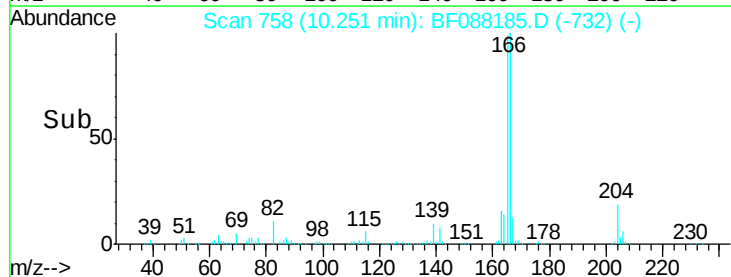
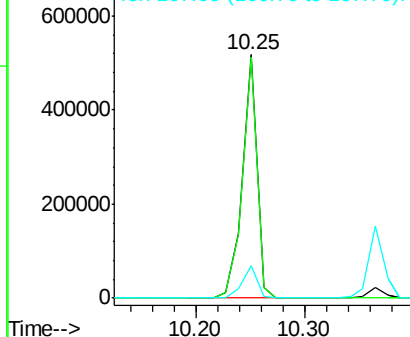


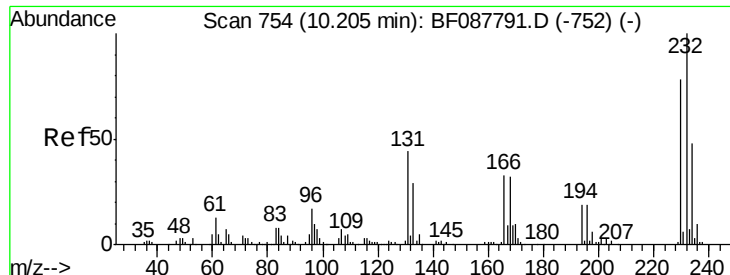
#57
Fluorene
Concen: 47.76 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:166 Resp: 475659
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.8
167 13.5 11.2 16.8



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

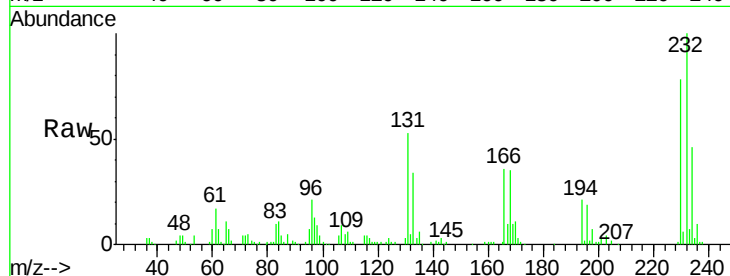




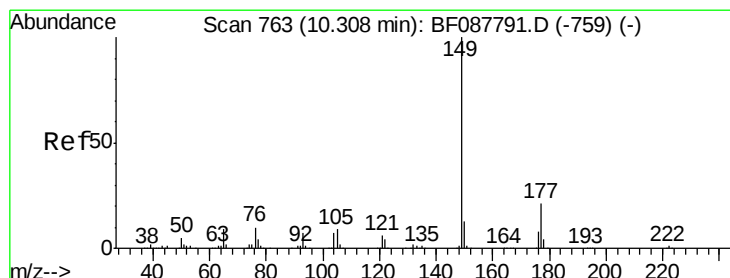
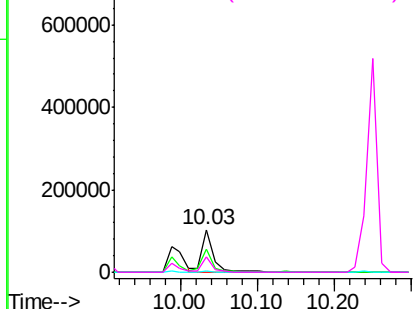
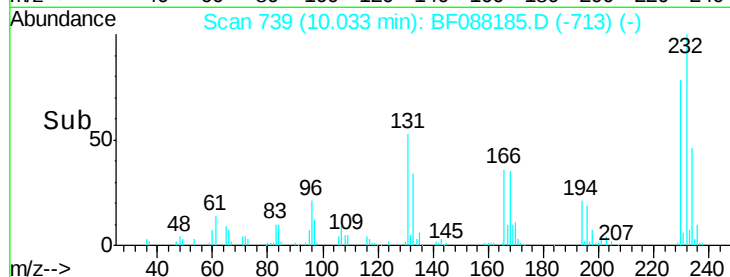
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.80 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Tgt Ion:	232	Resp:	109108
Ion	Ratio	Lower	Upper
232	100		
131	49.7	0.9	1.3#
130	2.2	1.5	2.3
166	31.9	0.5	0.7#

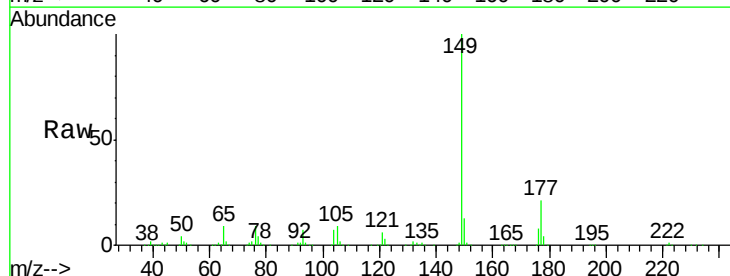


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

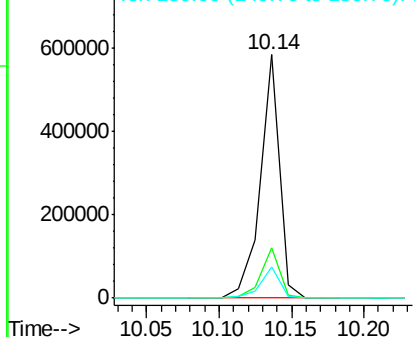
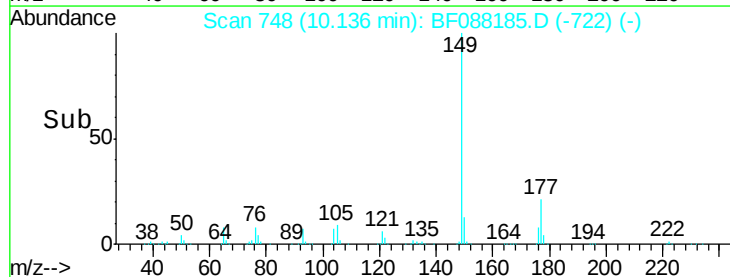


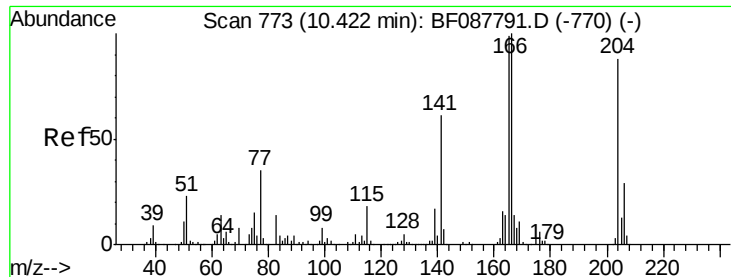
#59
 Diethylphthalate
 Concen: 43.28 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion:	149	Resp:	532201
Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.9	25.3
150	12.6	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

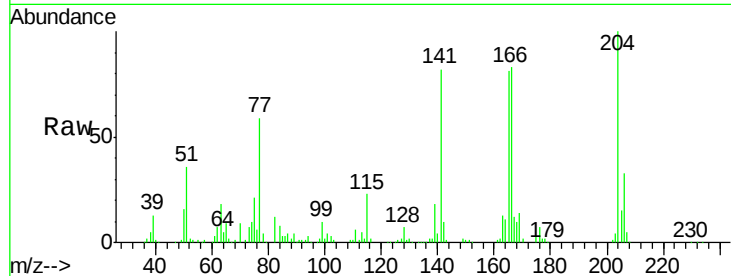




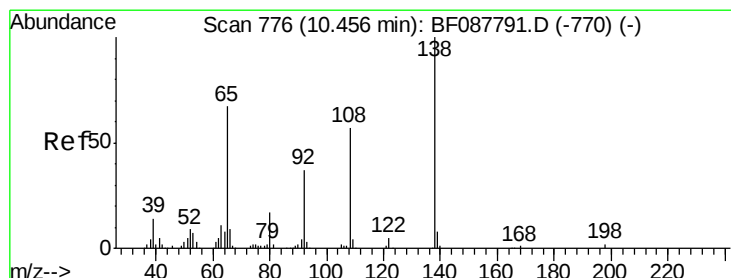
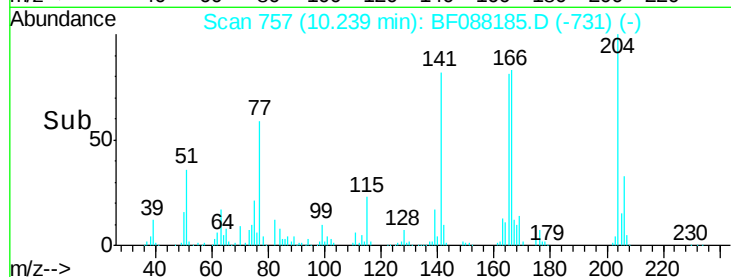
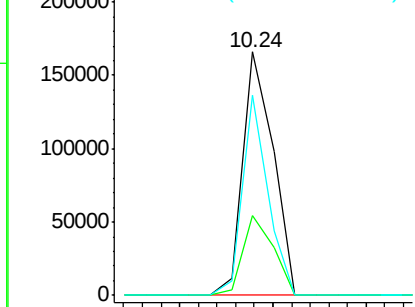
#60
 4-Chlorophenyl-phenylether
 Concen: 38.40 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Tgt Ion:204 Resp: 189348
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.3 39.5
 141 82.0 55.0 82.6

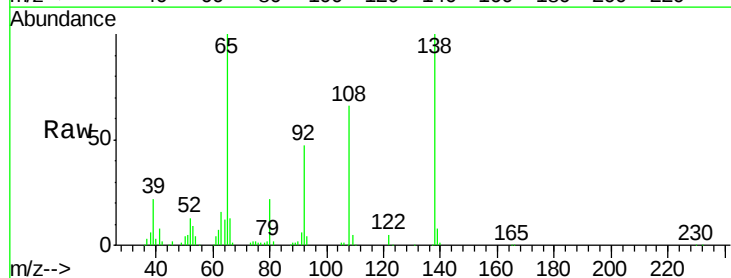


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

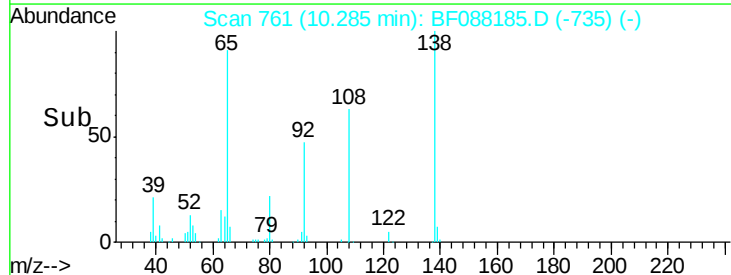
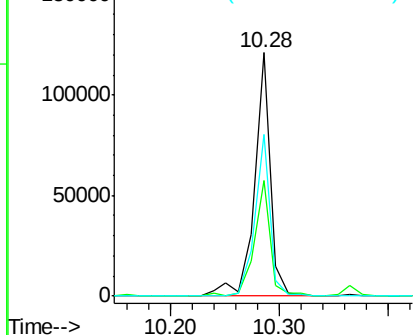


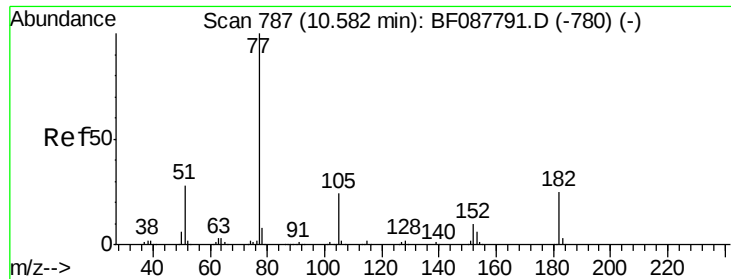
#61
 4-Nitroaniline
 Concen: 40.91 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion:138 Resp: 124549
 Ion Ratio Lower Upper
 138 100
 92 47.4 27.3 67.3
 108 66.2 46.7 86.7



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: 40.16 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

Tgt Ion: 77 Resp: 488298

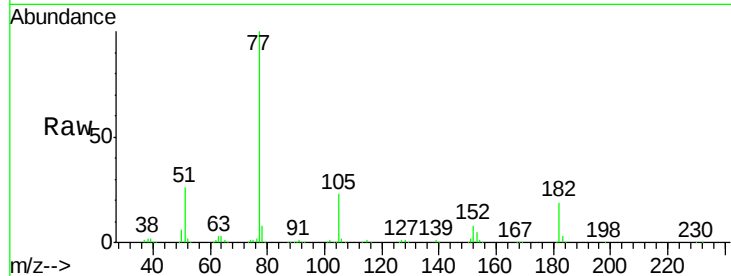
Ion Ratio Lower Upper

77 100

182 19.4 4.4 44.4

105 22.6 3.8 43.8

51 26.4 9.3 49.3

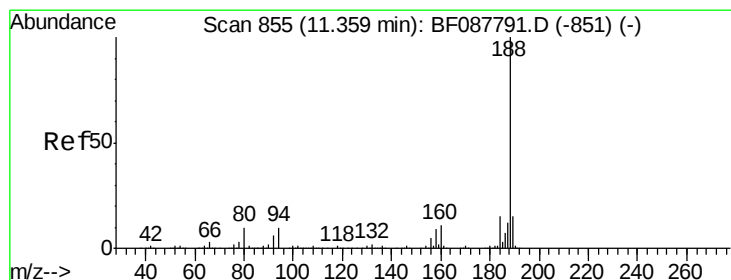
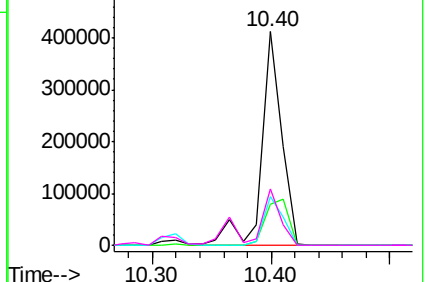
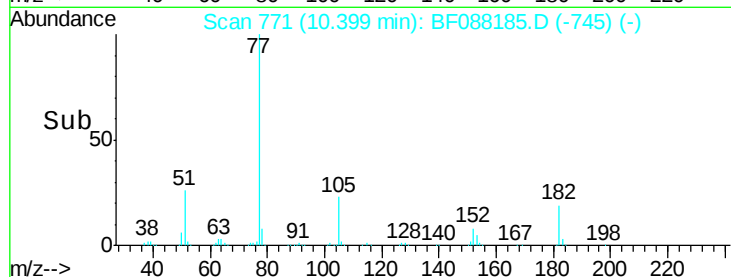


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

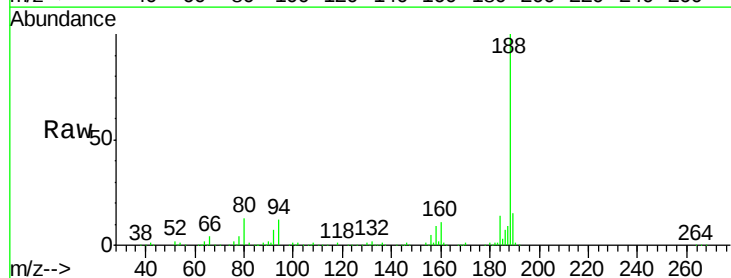
Tgt Ion: 188 Resp: 303675

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.6

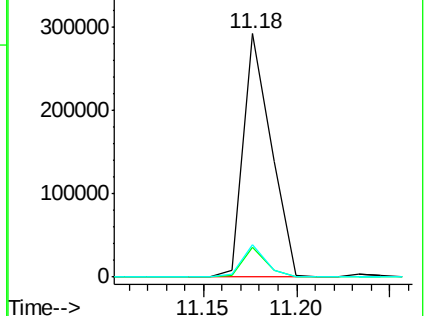
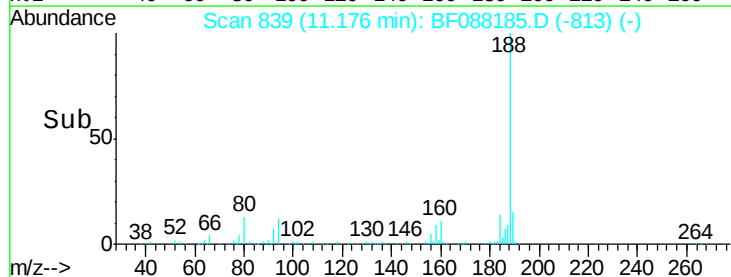
80 13.1 10.0 15.0

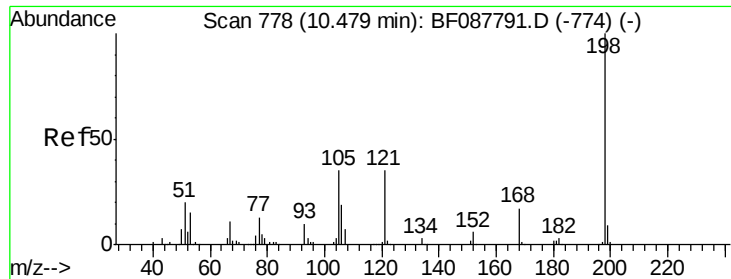


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 33.99 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

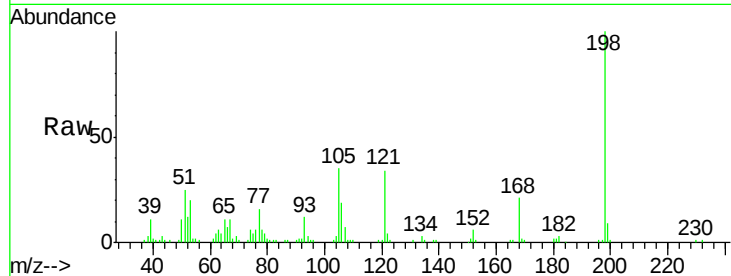
Tgt Ion:198 Resp: 63180

Ion Ratio Lower Upper

198 100

51 24.9 39.6 79.6#

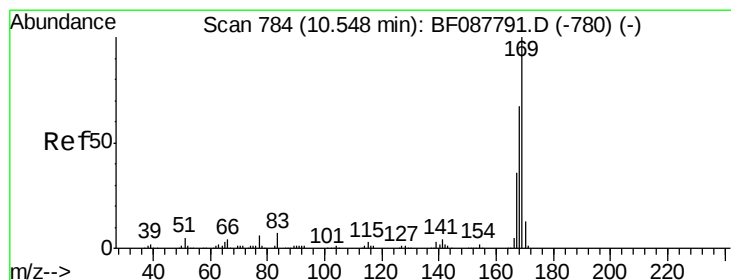
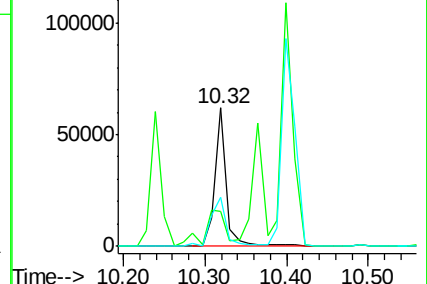
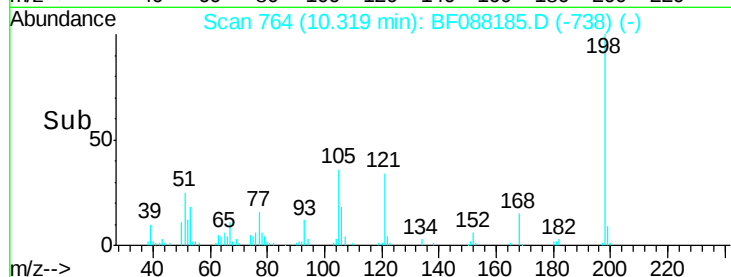
105 35.2 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.94 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

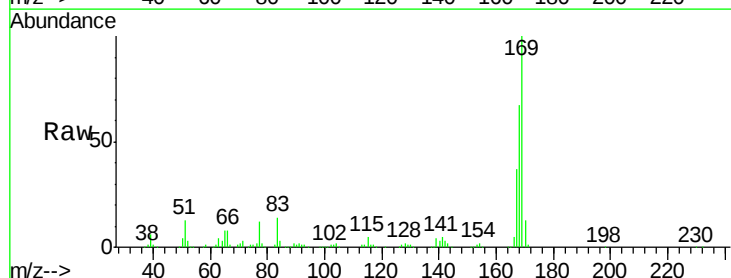
Tgt Ion:169 Resp: 412527

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

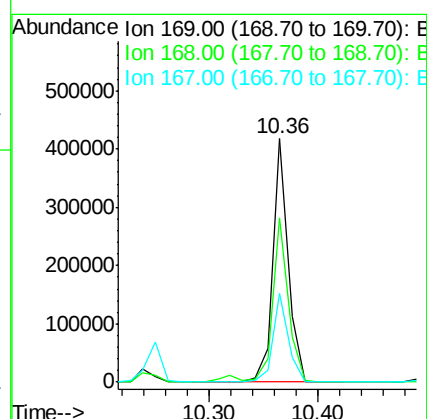
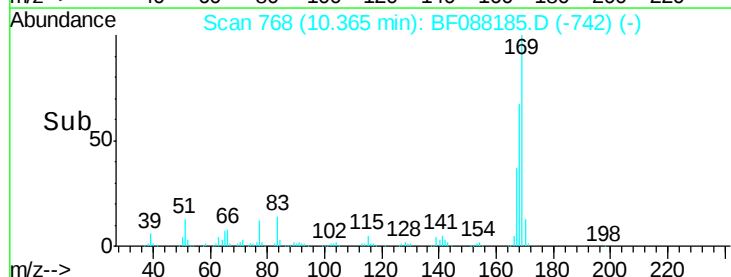
167 36.6 29.4 44.0



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

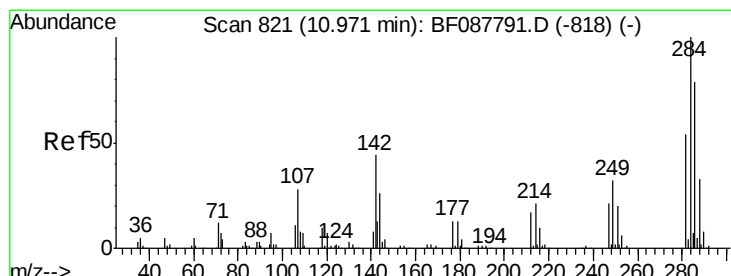
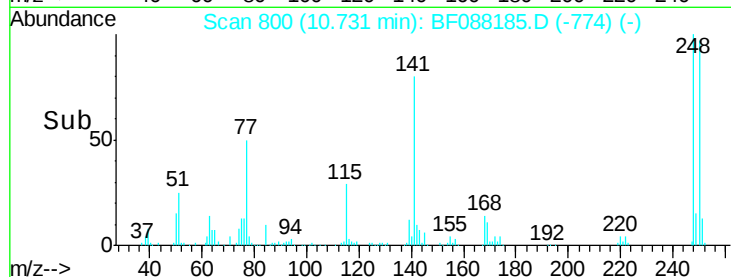
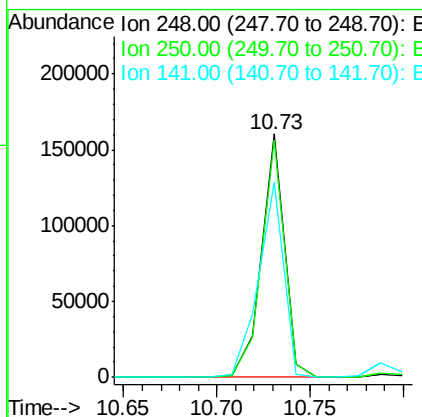
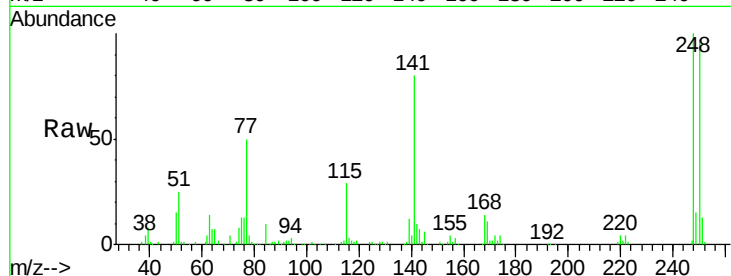




#66
 4-Bromophenyl-phenylether
 Concen: 41.51 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

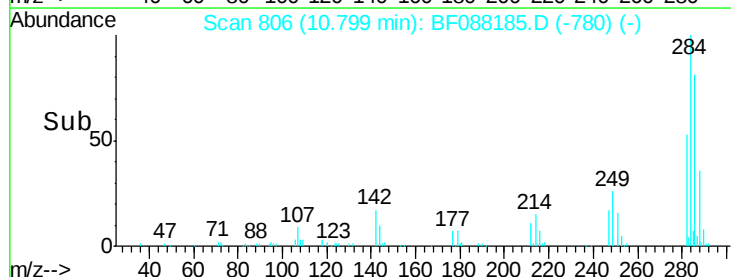
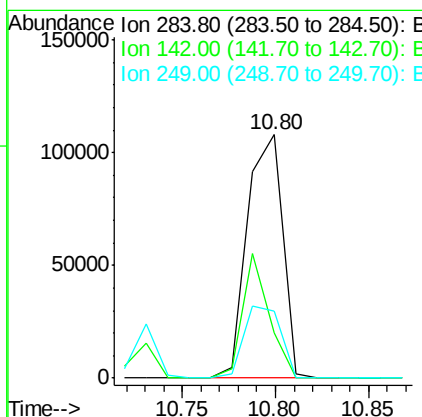
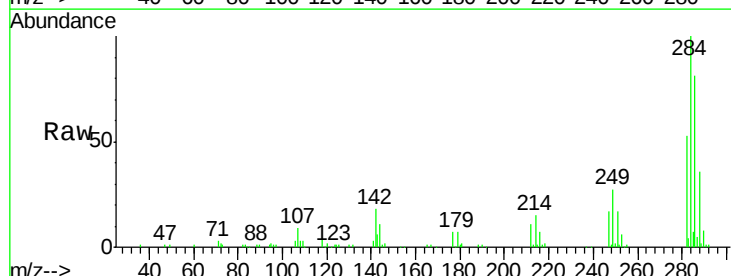
Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

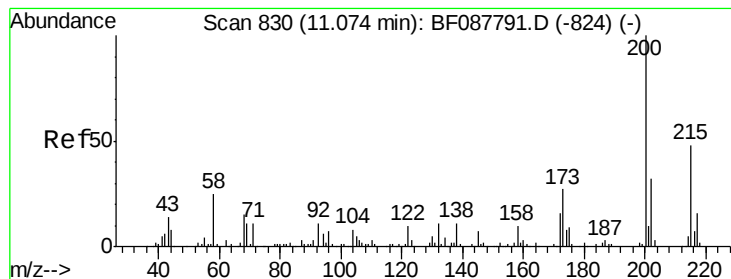
Tgt Ion:248 Resp: 135230
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.1 115.7
 141 80.1 50.6 76.0#



#67
 Hexachlorobenzene
 Concen: 41.70 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion:284 Resp: 141146
 Ion Ratio Lower Upper
 284 100
 142 18.4 35.8 53.8#
 249 27.3 25.8 38.6





#68

Atrazine

Concen: 43.90 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

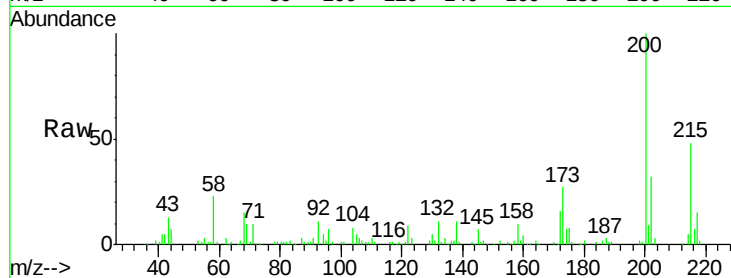
Tgt Ion:200 Resp: 133945

Ion Ratio Lower Upper

200 100

173 26.7 4.0 44.0

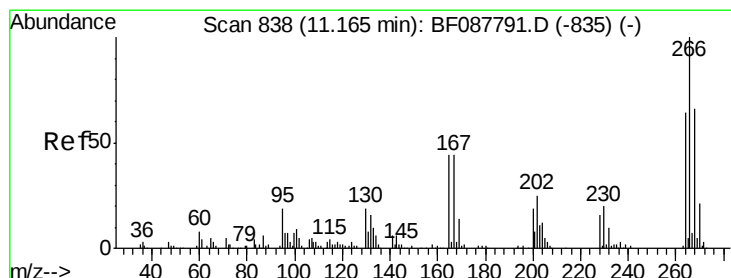
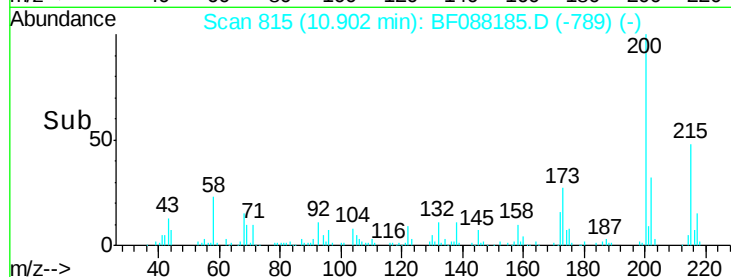
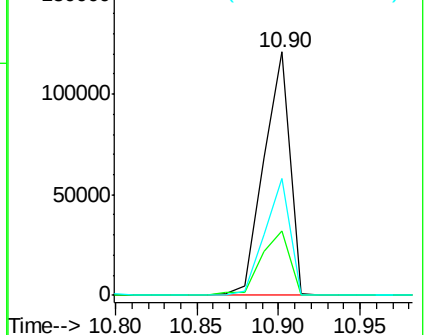
215 48.3 29.3 69.3



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: 50.27 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

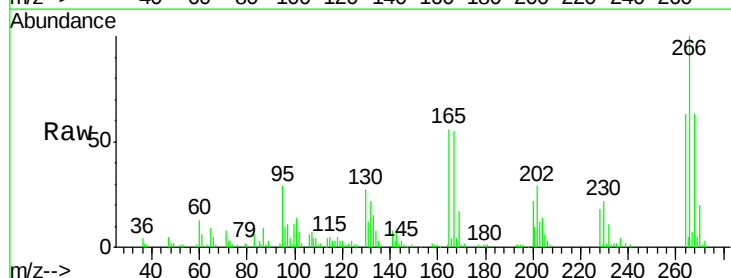
Tgt Ion:266 Resp: 89694

Ion Ratio Lower Upper

266 100

268 62.8 52.8 79.2

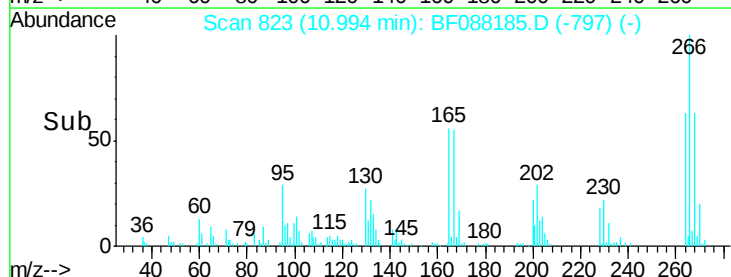
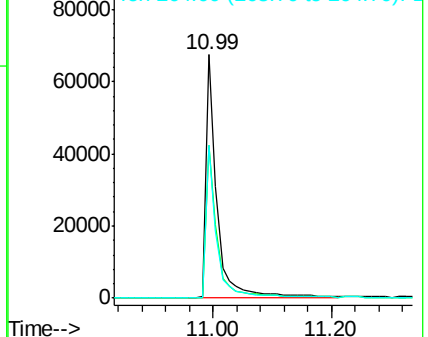
264 63.0 49.6 74.4

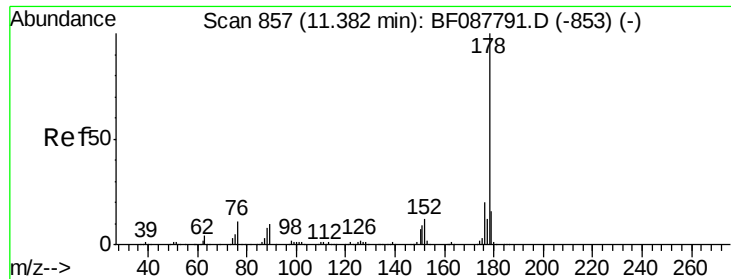


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

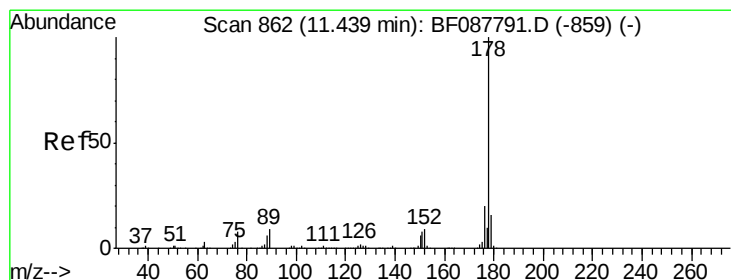
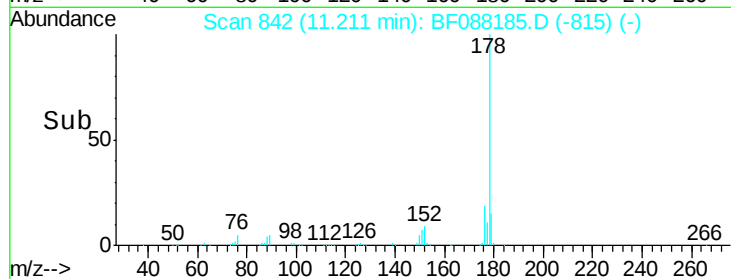
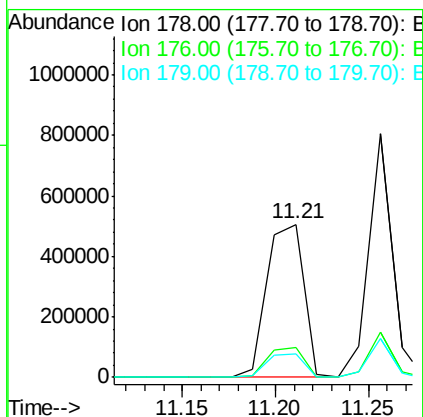
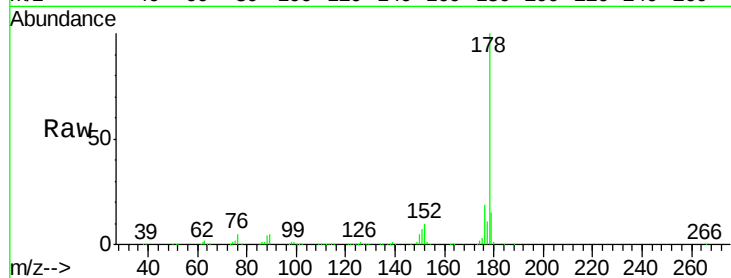




#70
Phenanthrene
Concen: 43.63 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

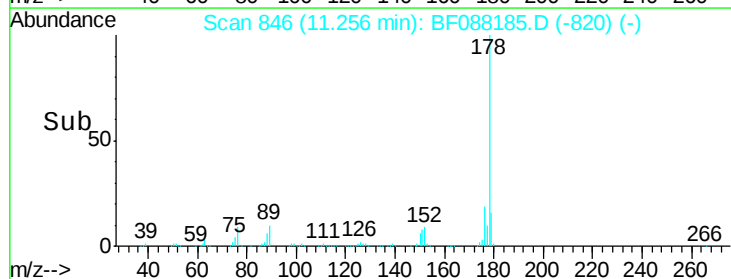
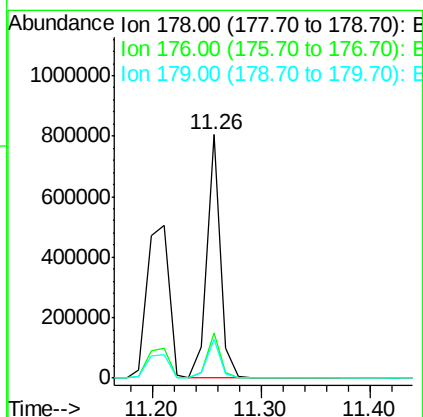
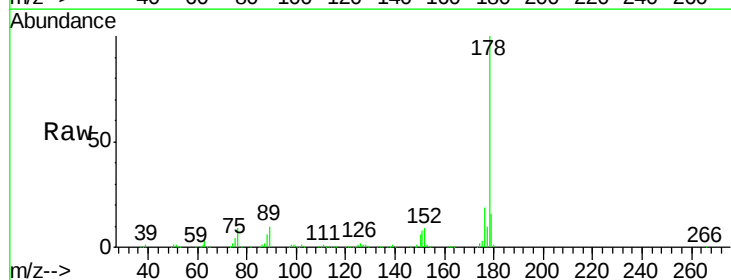
Instrument :
BNA_F
ClientSampleId :
PB91264BS

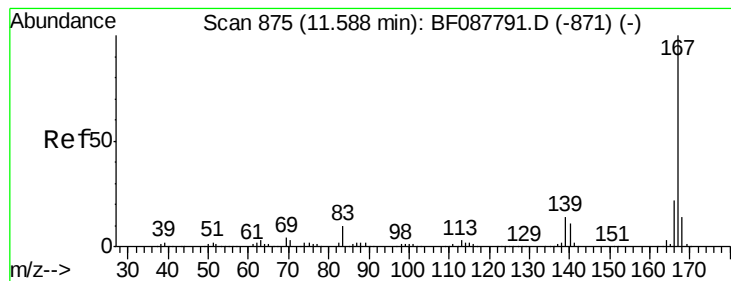
Tgt Ion:178 Resp: 695247
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.1 13.0 19.4



#71
Anthracene
Concen: 43.24 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:178 Resp: 695060
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.8 12.8 19.2





#72

Carbazole

Concen: 43.08 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

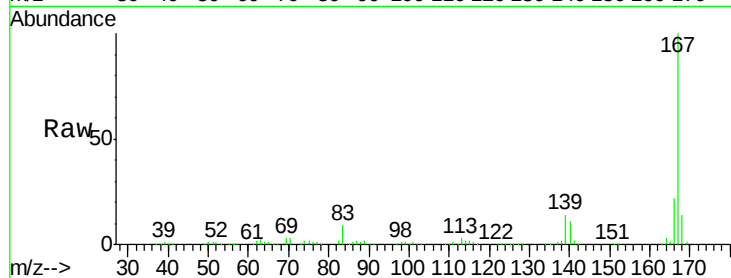
Tgt Ion:167 Resp: 647944

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

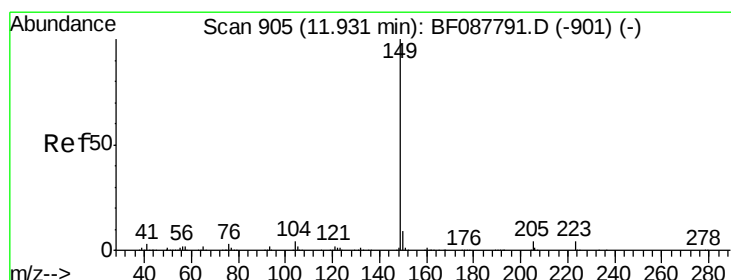
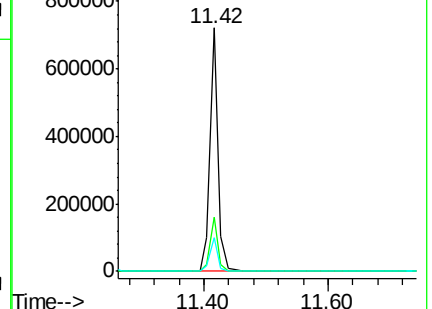
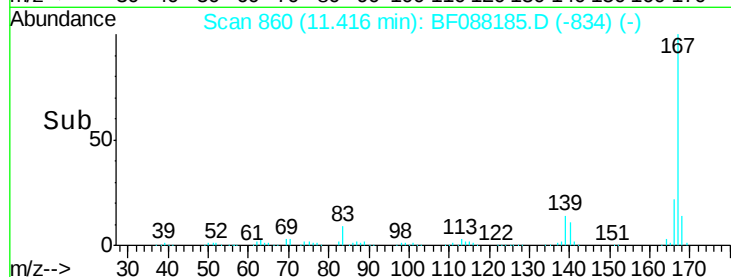
139 14.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.32 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

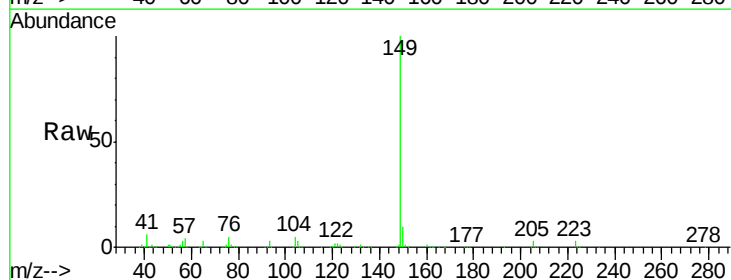
Tgt Ion:149 Resp: 786718

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

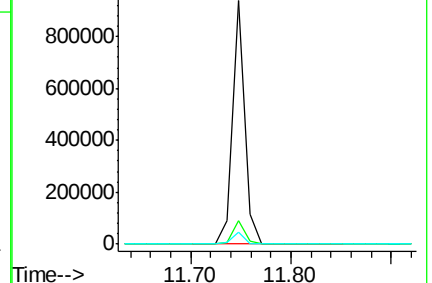
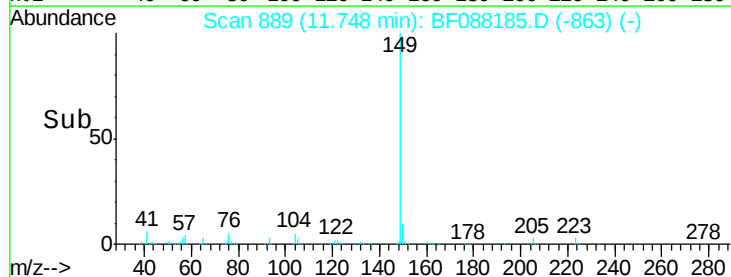
104 4.9 4.0 6.0

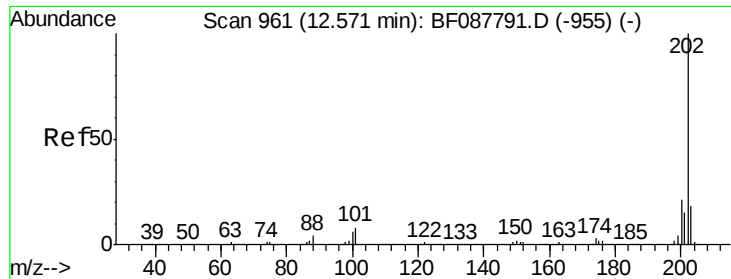


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

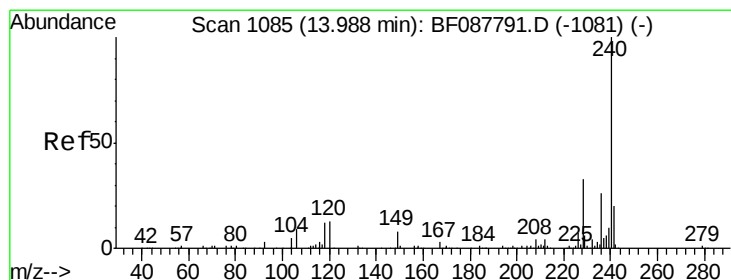
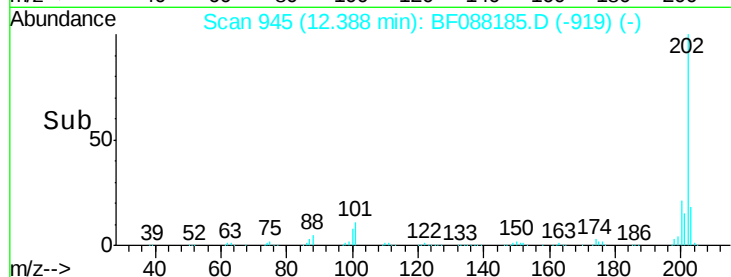
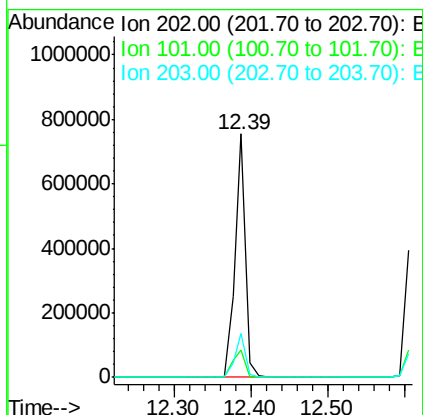
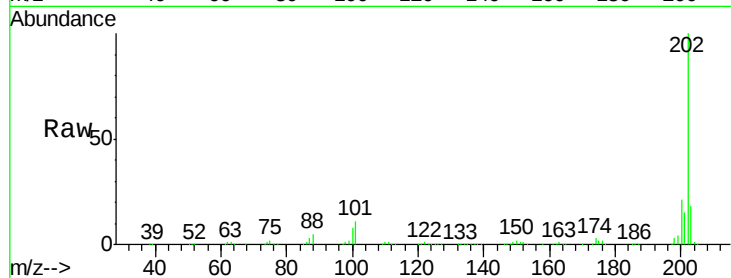




#74
 Fluoranthene
 Concen: 43.34 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

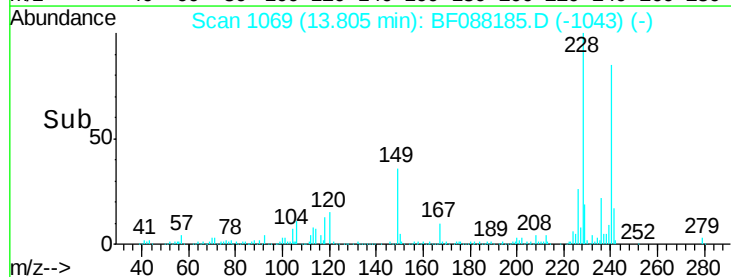
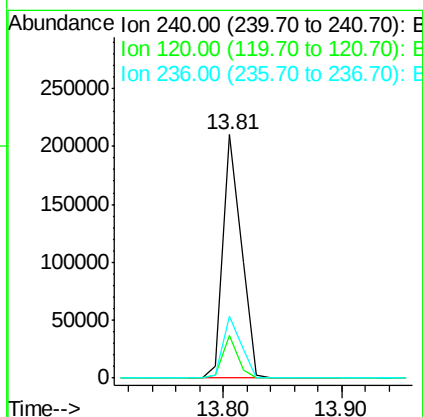
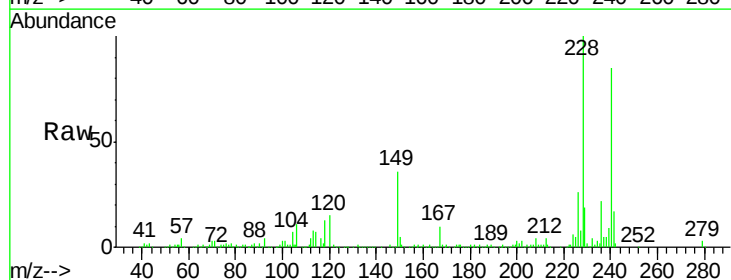
Instrument :
 BNA_F
 ClientSampleId :
 PB91264BS

Tgt Ion: 202 Resp: 728915
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 33.1
 203 18.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088185.D
 Acq: 20 Jun 2016 21:51

Tgt Ion: 240 Resp: 222635
 Ion Ratio Lower Upper
 240 100
 120 17.5 6.8 10.2#
 236 25.7 20.2 30.2

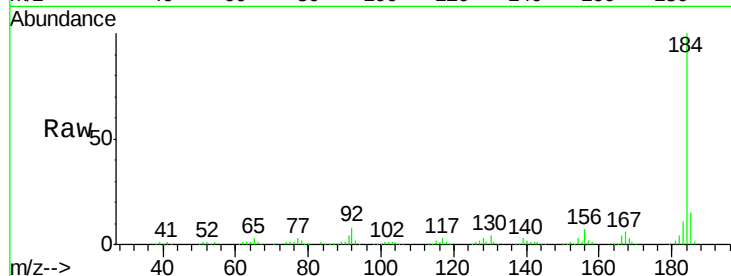




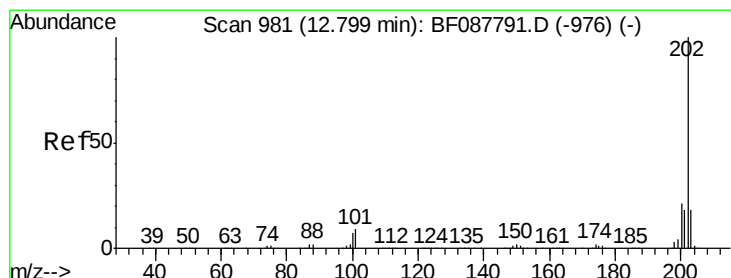
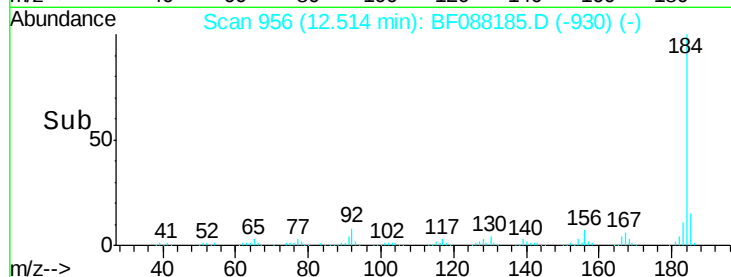
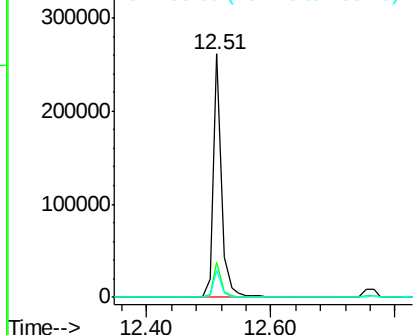
#76
Benzidine
Concen: 38.85 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Instrument :
BNA_F
ClientSampleId :
PB91264BS

Tgt Ion:184 Resp: 239492
Ion Ratio Lower Upper
184 100
185 14.6 12.5 18.7
183 11.4 9.3 13.9

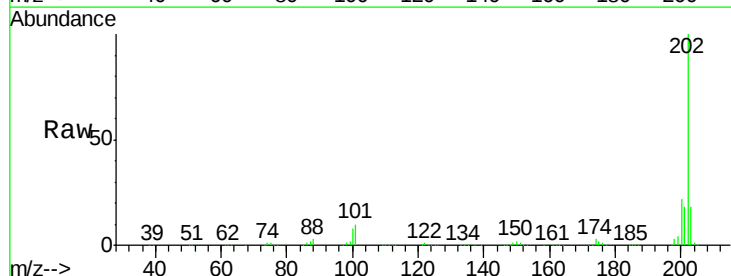


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

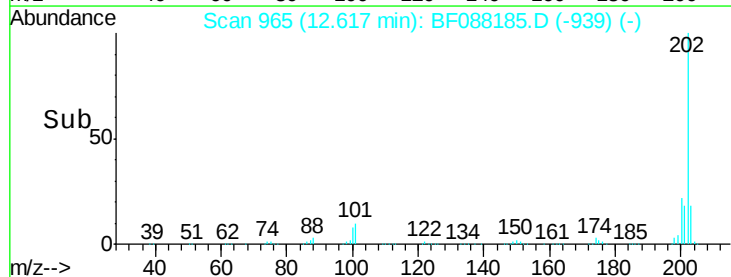
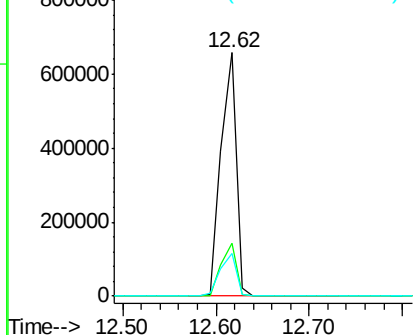


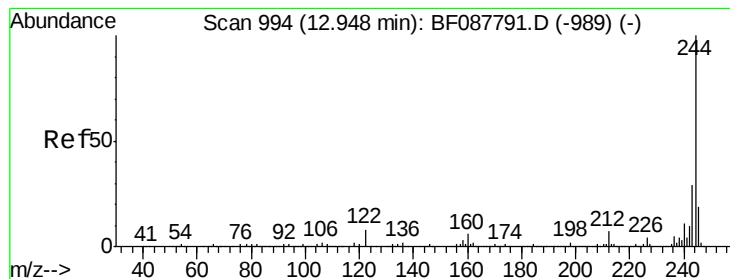
#77
Pyrene
Concen: 45.02 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:202 Resp: 743697
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.6 14.5 21.7



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: 84.99 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

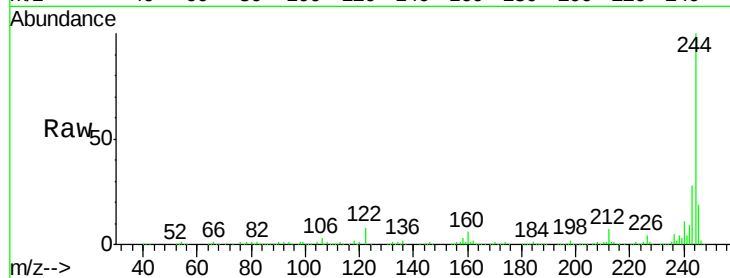
Tgt Ion:244 Resp: 831551

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

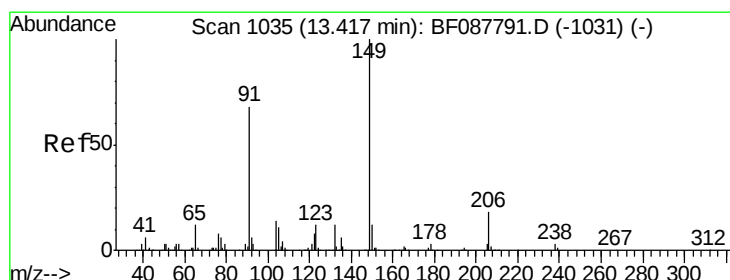
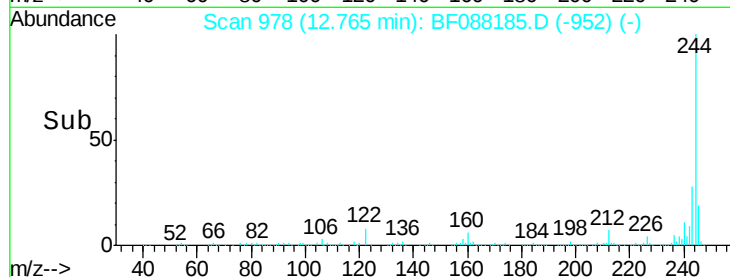
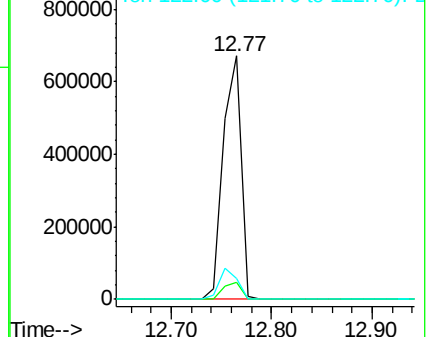
122 8.4 11.2 16.8#



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: 46.30 ng

RT: 13.23 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

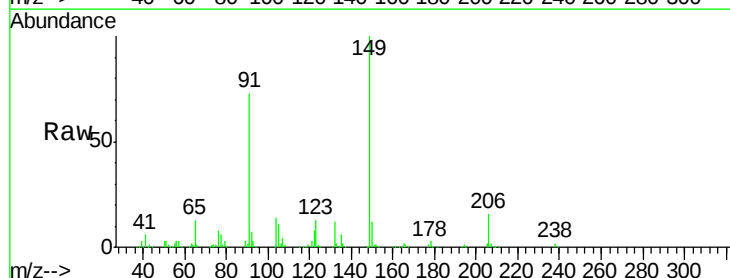
Tgt Ion:149 Resp: 338158

Ion Ratio Lower Upper

149 100

91 72.6 48.0 72.0#

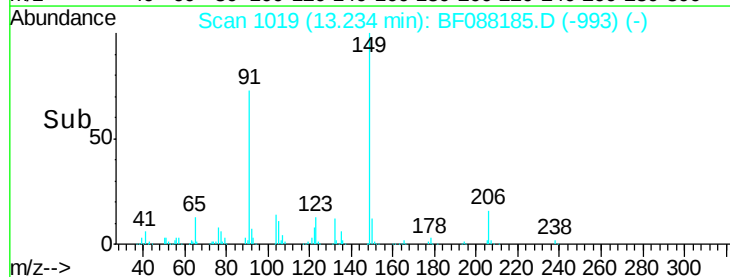
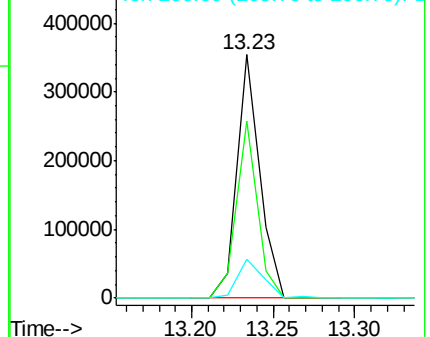
206 16.0 16.0 24.0

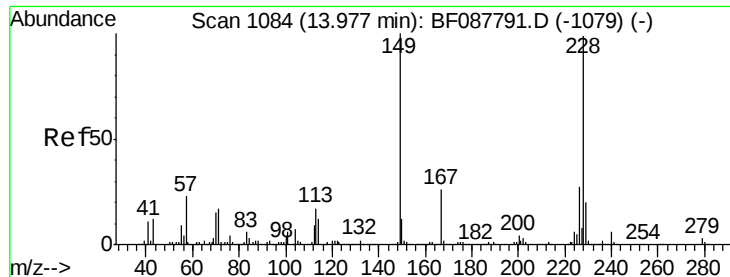


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.19 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

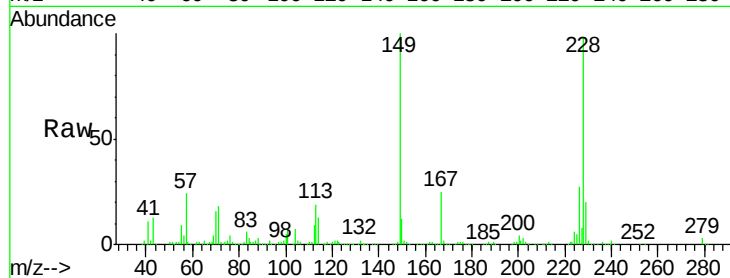
Tgt Ion:228 Resp: 509931

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

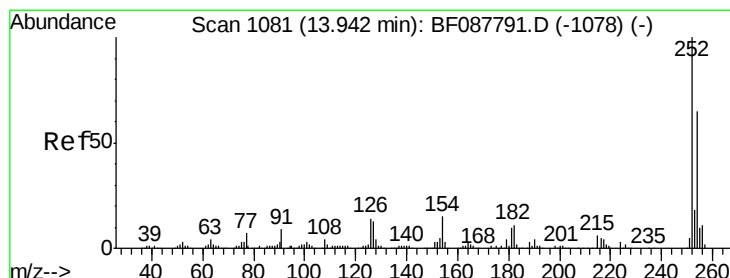
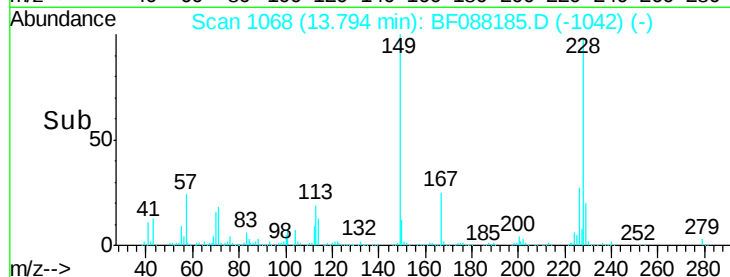
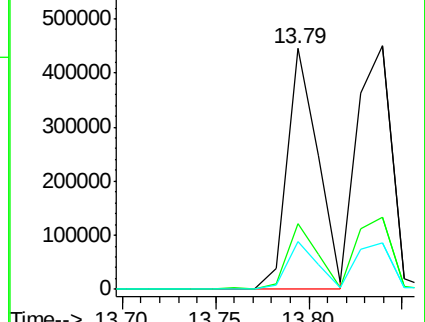
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 32.55 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

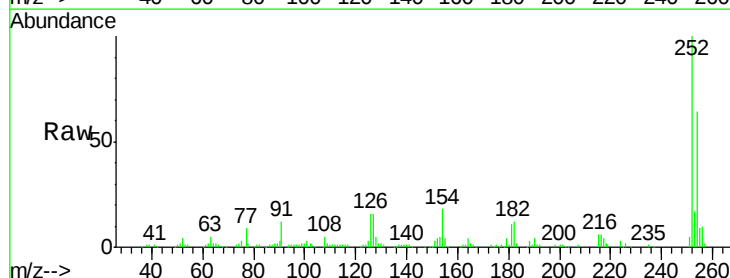
Tgt Ion:252 Resp: 111067

Ion Ratio Lower Upper

252 100

254 63.5 52.6 78.8

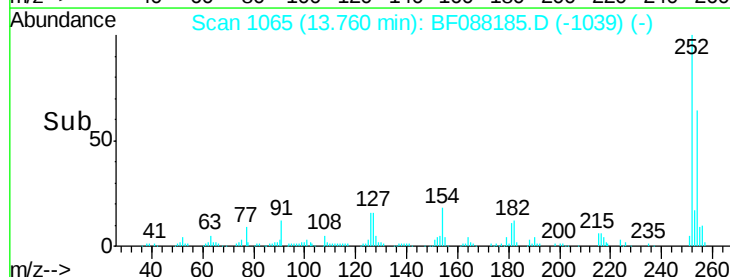
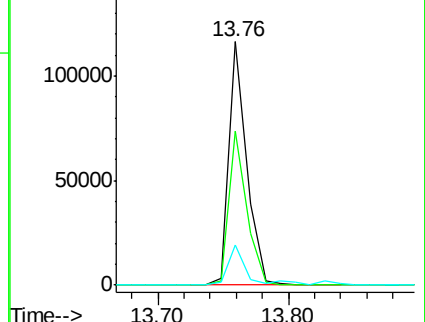
126 16.5 6.2 9.2#

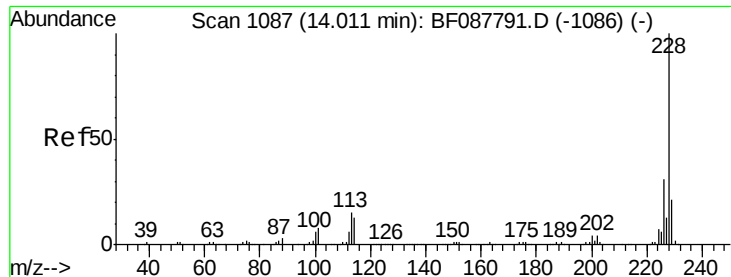


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 48.53 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

Instrument :

BNA_F

ClientSampleId :

PB91264BS

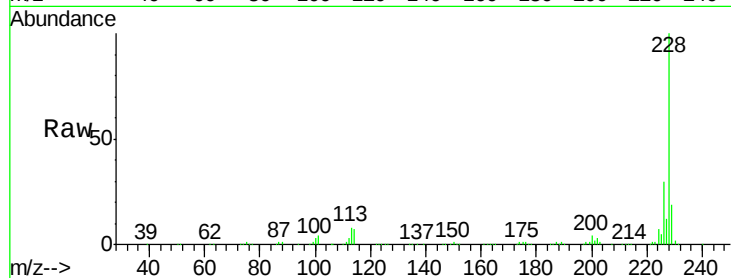
Tgt Ion:228 Resp: 579291

Ion Ratio Lower Upper

228 100

226 29.6 25.4 38.2

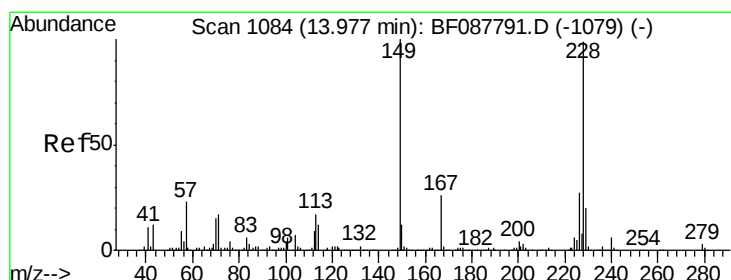
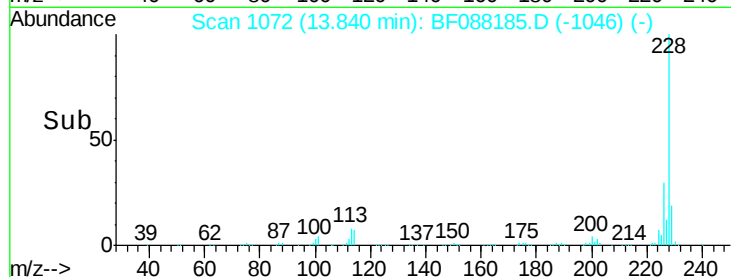
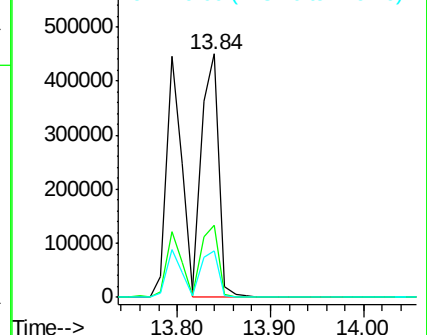
229 19.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.74 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088185.D

Acq: 20 Jun 2016 21:51

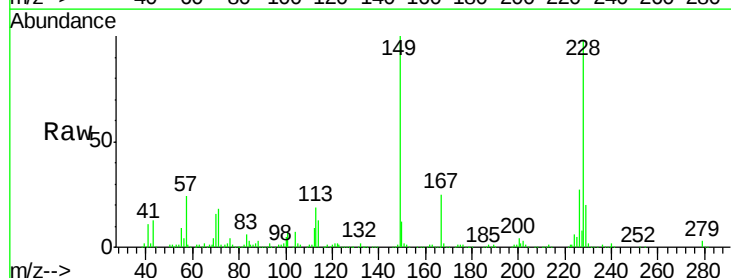
Tgt Ion:149 Resp: 406737

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

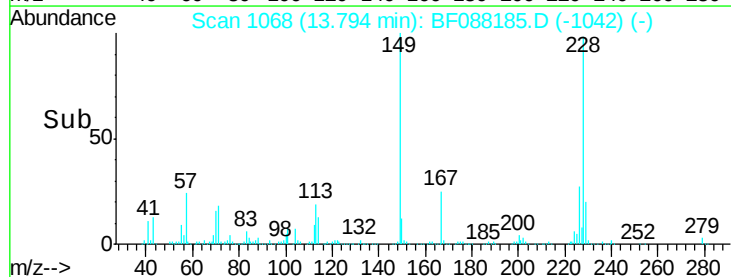
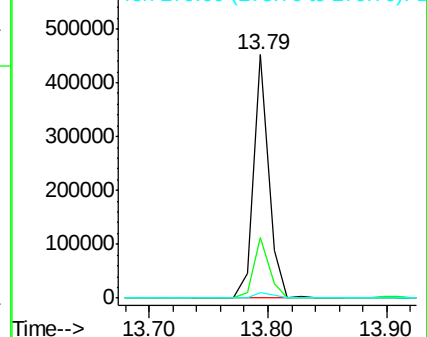
279 2.5 2.0 3.0

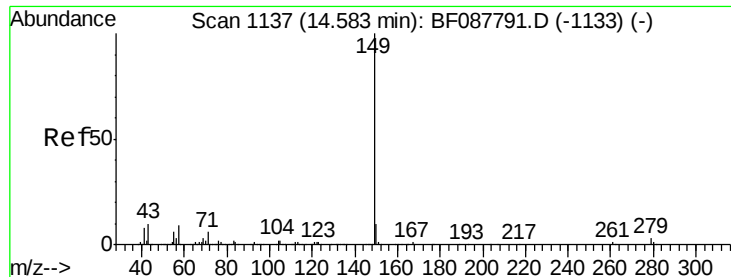


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

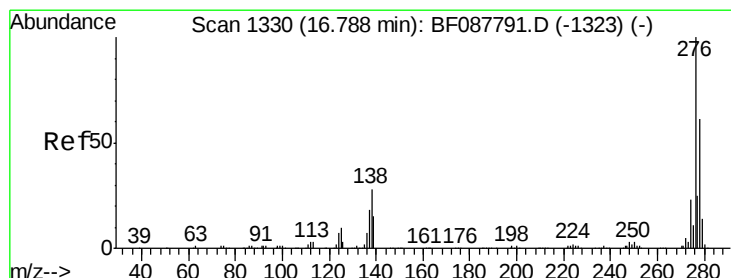
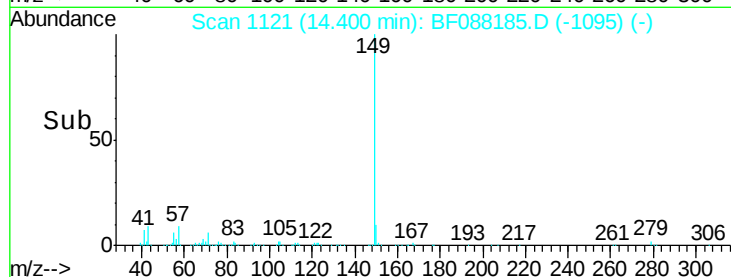
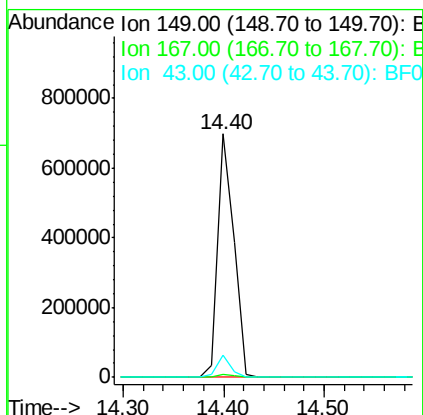
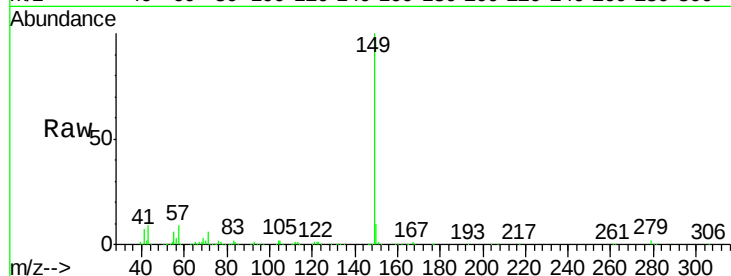




#84
Di-n-octyl phthalate
Concen: 53.88 ng
RT: 14.40 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

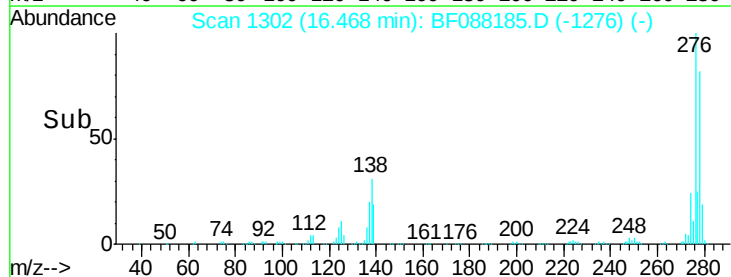
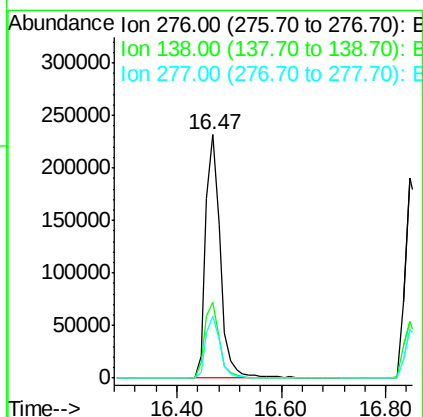
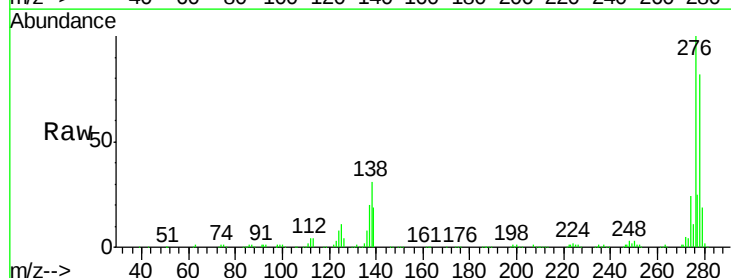
Instrument :
BNA_F
ClientSampleId :
PB91264BS

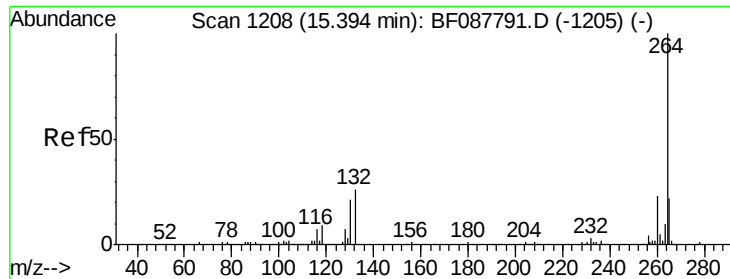
Tgt Ion:149 Resp: 778425
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 7.9 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 40.87 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:276 Resp: 453229
Ion Ratio Lower Upper
276 100
138 31.7 0.0 0.0#
277 25.1 0.0 0.0#

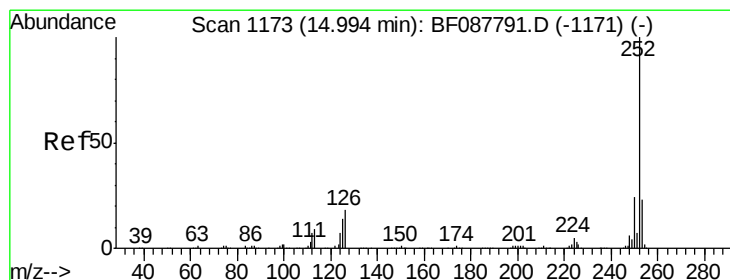
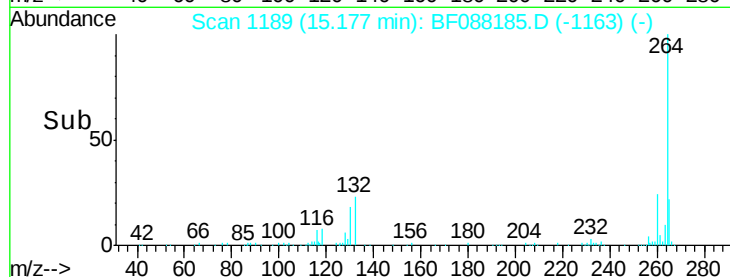
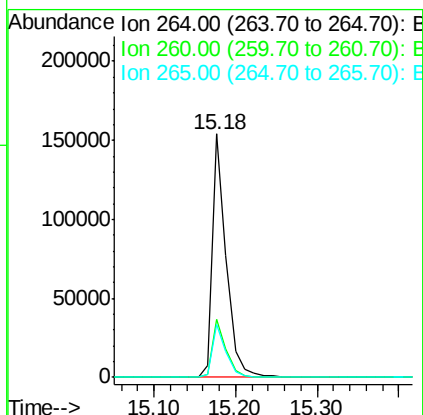
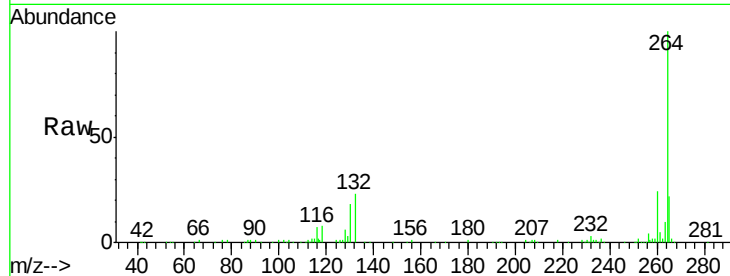




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

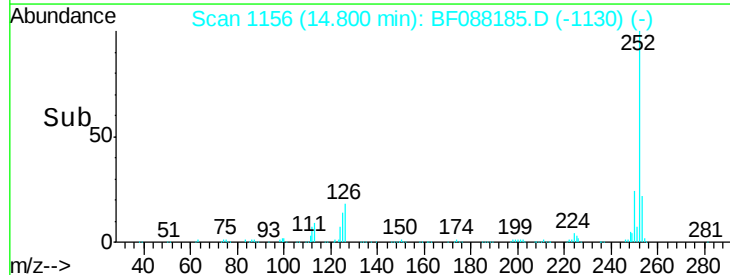
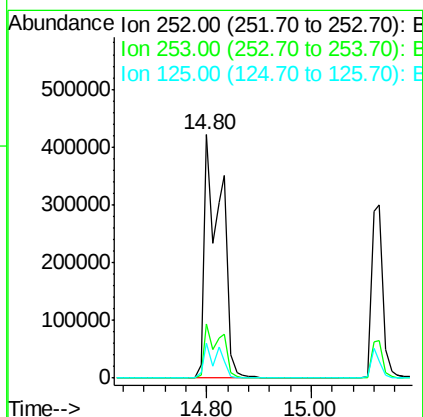
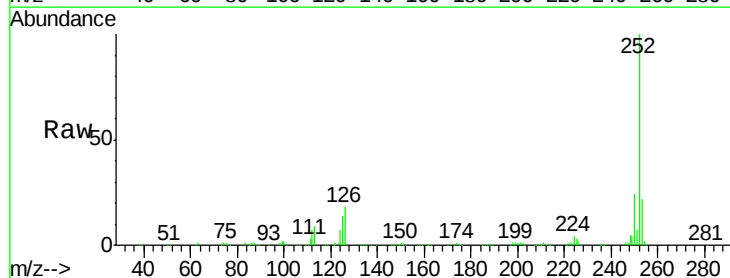
Instrument :
BNA_F
ClientSampleId :
PB91264BS

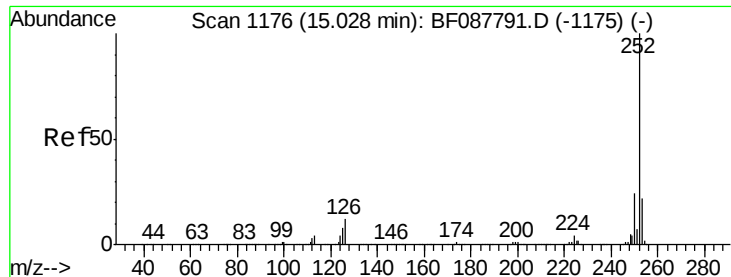
Tgt Ion: 264 Resp: 182834
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.5 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 75.50 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion: 252 Resp: 962103
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 14.4 7.1 10.7#

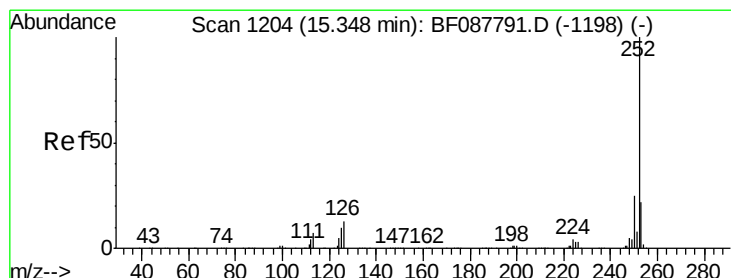
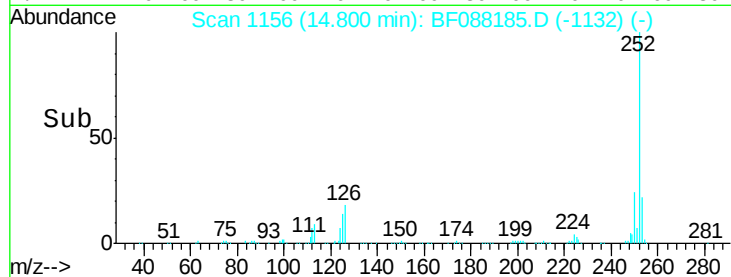
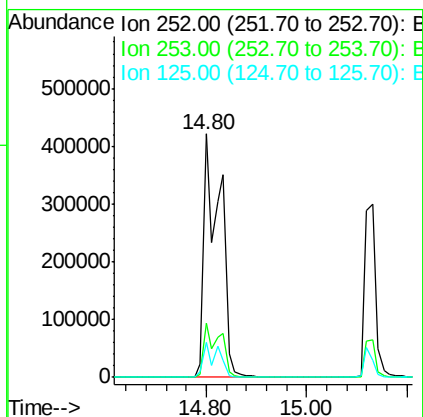
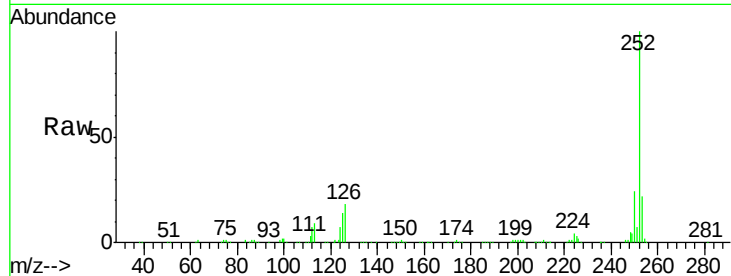




#88
Benzo(k)fluoranthene
Concen: 100.09 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

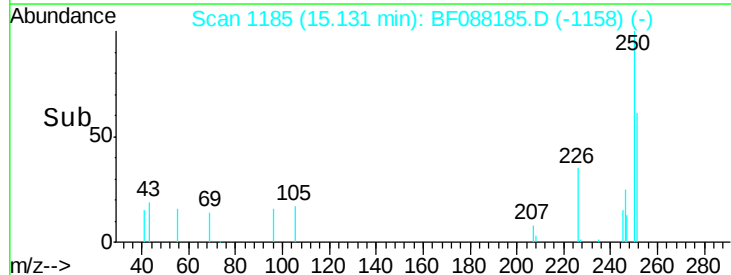
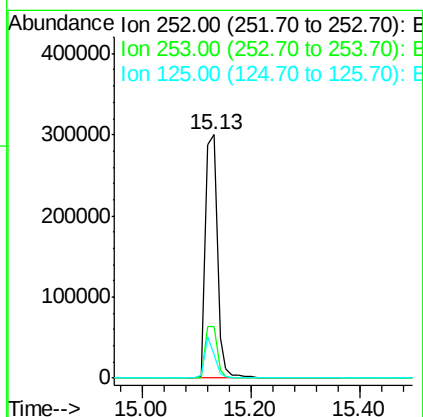
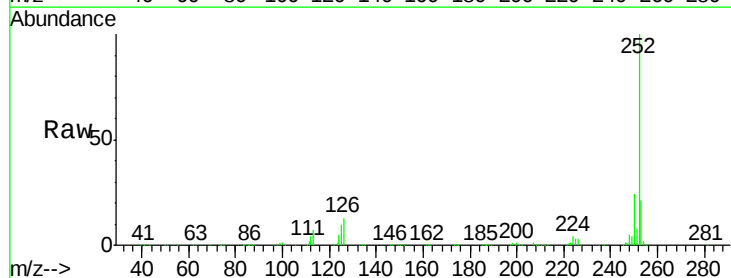
Instrument :
BNA_F
ClientSampled :
PB91264BS

Tgt Ion:252 Resp: 962116
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 14.4 11.2 16.8



#89
Benzo(a)pyrene
Concen: 44.57 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion:252 Resp: 459523
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 9.6 12.5 18.7#

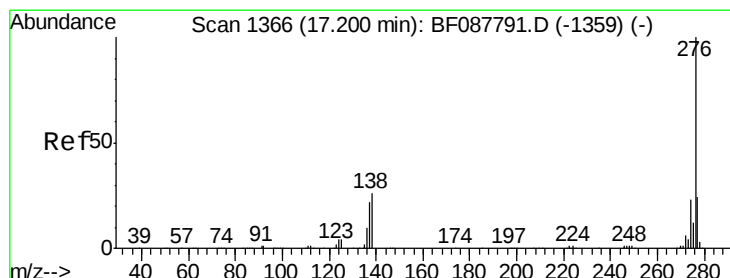
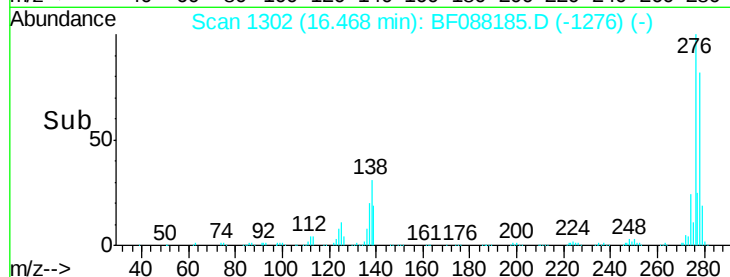
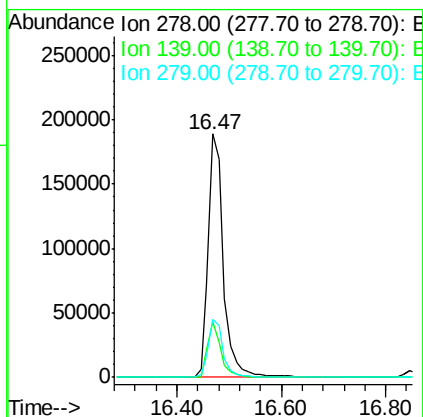
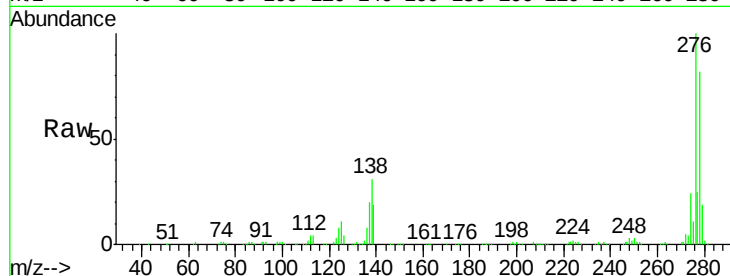




#90
Dibenzo(a,h)anthracene
Concen: 39.92 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Instrument :
BNA_F
ClientSampleId :
PB91264BS

Tgt Ion: 278 Resp: 382313
Ion Ratio Lower Upper
278 100
139 23.0 15.7 23.5
279 23.8 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 41.55 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF088185.D
Acq: 20 Jun 2016 21:51

Tgt Ion: 276 Resp: 409281
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 28.1 21.4 32.2

