

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088866.D
 Acq On : 9 Jul 2016 12:38
 Operator : UM/SJ
 Sample : PB91808BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Quant Time: Jul 11 04:33:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70015	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	259866	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	125556	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	257449	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	230937	20.00	ng	-0.02
86) Perylene-d12	15.22	264	201344	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	63378	13.57	ng	-0.02
7) Phenol-d6	6.34	99	76831	12.73	ng	-0.03
23) Nitrobenzene-d5	7.28	82	50916	10.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	20460	17.55	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	91441	11.50	ng	-0.02
78) Terphenyl-d14	12.81	244	101027	9.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	9182	3.96	ng	# 34
8) 2-Chlorophenol	6.50	128	10620	2.12	ng	83
12) 1,3-Dichlorobenzene	6.89	146	11977	2.17	ng	97
13) 1,4-Dichlorobenzene	6.66	146	11069	2.02	ng	97
14) 1,2-Dichlorobenzene	6.89	146	11977	2.33	ng	97
17) 2-Methylphenol	6.98	107	8542	2.09	ng	97
18) Hexachloroethane	7.23	117	4486	2.11	ng	90
19) n-Nitroso-di-n-propylamine	7.13	70	8441	2.08	ng	# 87
20) 3+4-Methylphenols	7.13	107	11488	2.34	ng	# 83
22) Acetophenone	7.13	105	16107	2.55	ng	# 91
24) Nitrobenzene	7.29	77	11149	2.23	ng	# 79
25) Isophorone	7.54	82	21862	2.38	ng	99
26) 2-Nitrophenol	7.62	139	4772	2.33	ng	# 85
27) 2,4-Dimethylphenol	7.67	122	9820	2.30	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	14669	2.45	ng	# 96
29) 2,4-Dichlorophenol	7.86	162	8545	2.48	ng	100
30) 1,2,4-Trichlorobenzene	7.94	180	9578	2.53	ng	95
31) Naphthalene	8.02	128	33107	2.58	ng	99
34) Hexachlorobutadiene	8.15	225	5197	2.56	ng	99
35) Caprolactam	8.39	113	2564	2.19	ng	90
36) 4-Chloro-3-methylphenol	8.56	107	10188	2.50	ng	98
37) 2-Methylnaphthalene	8.72	142	20711	2.51	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	8963	2.15	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	8585	4.19	ng	95
42) 2,4,6-Trichlorophenol	8.99	196	6532	2.37	ng	97
43) 2,4,5-Trichlorophenol	9.03	196	5527	2.33	ng	# 83
45) 1,1'-Biphenyl	9.18	154	27372	2.63	ng	99
46) 2-Chloronaphthalene	9.20	162	21102	2.59	ng	99
47) 2-Nitroaniline	9.29	65	5991	2.07	ng	93
48) Acenaphthylene	9.61	152	34633	2.67	ng	98
49) Dimethylphthalate	9.47	163	24128	2.70	ng	99
50) 2,6-Dinitrotoluene	9.53	165	4613	2.33	ng	# 33
51) Acenaphthene	9.78	154	23430	2.94	ng	98
52) 3-Nitroaniline	9.70	138	5812	2.31	ng	95

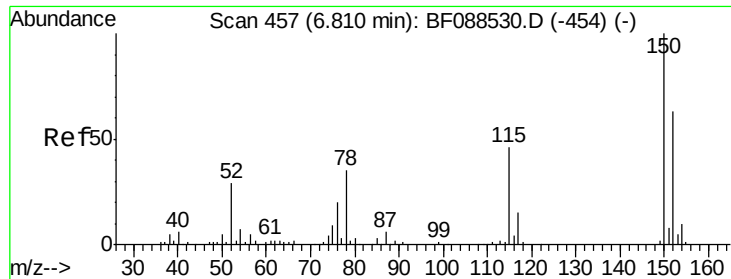
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088866.D
 Acq On : 9 Jul 2016 12:38
 Operator : UM/SJ
 Sample : PB91808BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Quant Time: Jul 11 04:33:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2,4-Dinitrophenol	9.80	184	3207	3.66	ng	# 78
54) Dibenzofuran	9.95	168	31365	3.01	ng	92
55) 4-Nitrophenol	9.86	139	11754	6.14	ng	97
56) 2,4-Dinitrotoluene	9.93	165	5959	2.30	ng	# 17
57) Fluorene	10.30	166	25333	3.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	4591	2.50	ng	# 54
59) Diethylphthalate	10.17	149	22967	2.56	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	10942	2.93	ng	94
61) 4-Nitroaniline	10.30	138	5060	2.09	ng	76
62) Azobenzene	10.44	77	26190	2.56	ng	90
65) n-Nitrosodiphenylamine	10.41	169	21293	2.44	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	5877	2.27	ng	# 65
67) Hexachlorobenzene	10.84	284	7180	2.50	ng	# 80
68) Atrazine	10.94	200	6726	2.48	ng	95
69) Pentachlorophenol	11.04	266	7220	4.25	ng	93
70) Phenanthrene	11.24	178	35615	2.53	ng	98
71) Anthracene	11.30	178	37879	2.71	ng	98
72) Carbazole	11.46	167	30274	2.30	ng	98
73) Di-n-butylphthalate	11.81	149	37124	2.42	ng	97
74) Fluoranthene	12.43	202	35476	2.49	ng	95
76) Benzidine	12.56	184	25729	2.20	ng	99
80) Benzo(a)anthracene	13.84	228	33482	2.25	ng	98
82) Chrysene	13.87	228	30640	2.08	ng	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	20898	2.10	ng	99
85) Indeno(1,2,3-cd)pyrene	16.51	276	23833	2.11	ng	# 100
87) Benzo(b)fluoranthene	14.87	252	53186	4.21	ng	# 97
88) Benzo(k)fluoranthene	14.87	252	53186	4.84	ng	# 97
89) Benzo(a)pyrene	15.17	252	24558	2.30	ng	96
90) Dibenzo(a,h)anthracene	16.53	278	19711	2.21	ng	98
91) Benzo(g,h,i)perylene	16.89	276	19241	2.08	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

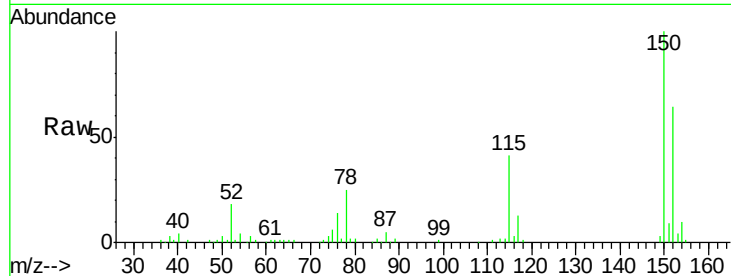
Tgt Ion:152 Resp: 70015

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

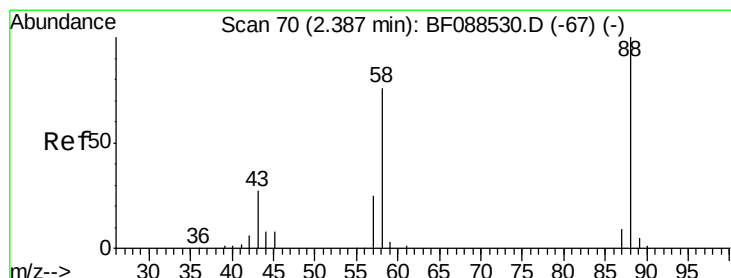
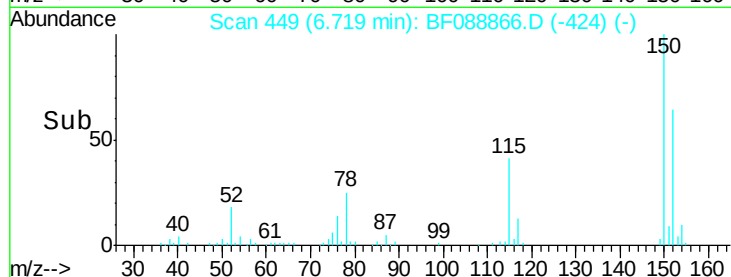
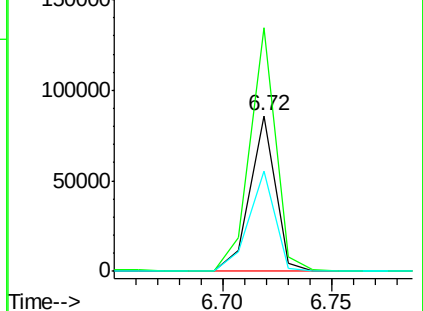
115 64.7 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 3.96 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.03 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

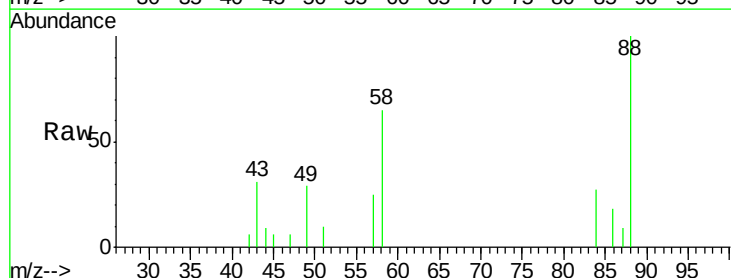
Tgt Ion: 88 Resp: 9182

Ion Ratio Lower Upper

88 100

58 66.1 0.0 0.0#

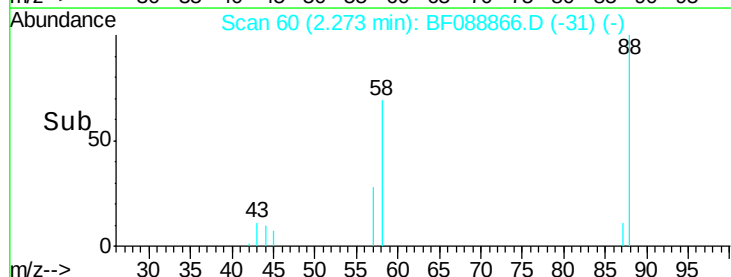
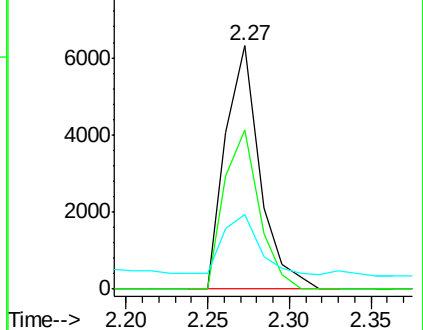
43 25.9 3.4 5.2#

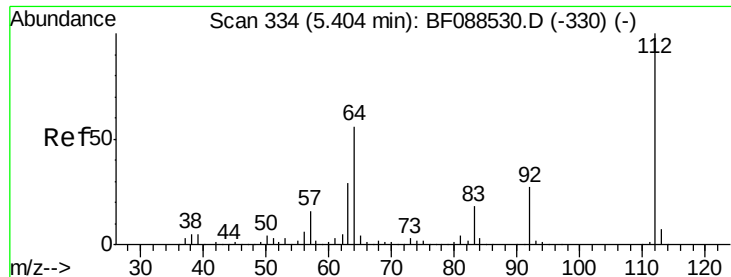


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 13.57 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

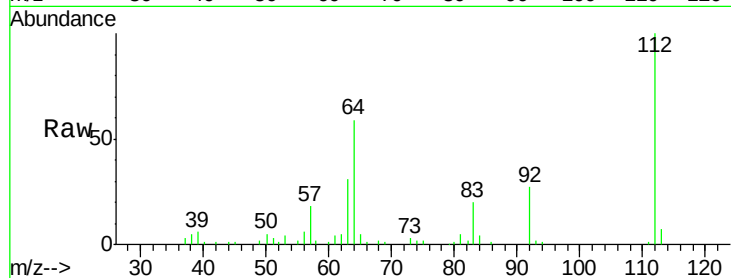
Tgt Ion: 112 Resp: 63378

Ion Ratio Lower Upper

112 100

64 58.8 42.2 63.2

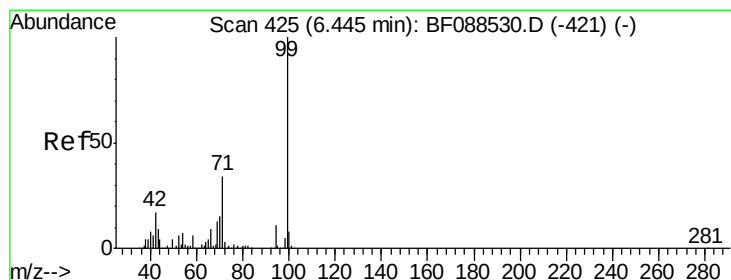
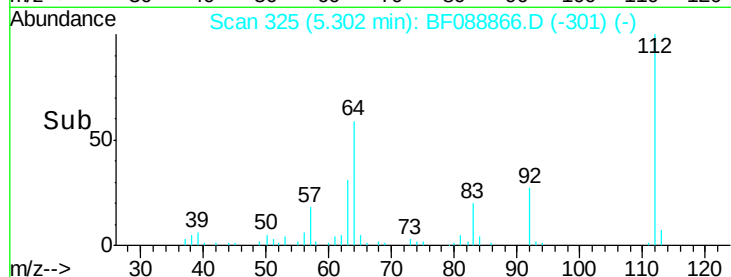
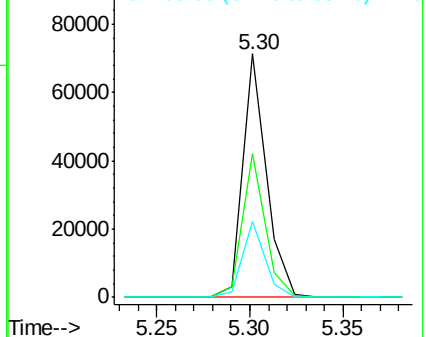
63 31.0 21.8 32.8



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



#7

Phenol-d6

Concen: 12.73 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

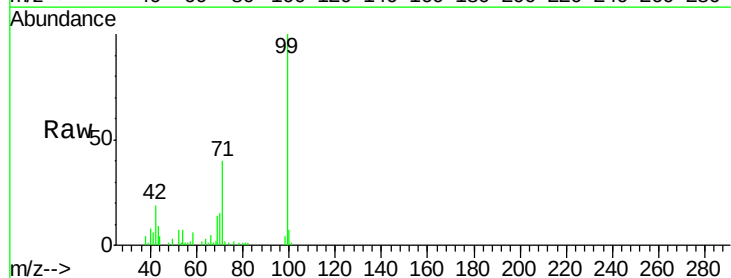
Tgt Ion: 99 Resp: 76831

Ion Ratio Lower Upper

99 100

42 19.3 12.2 18.2#

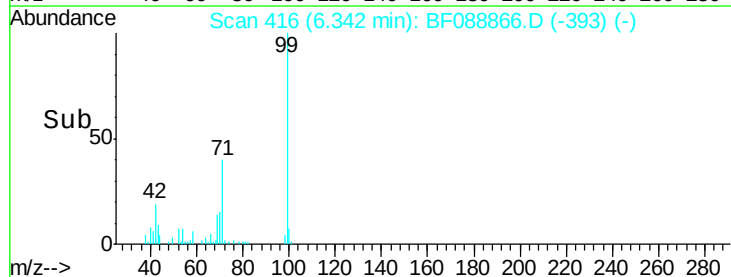
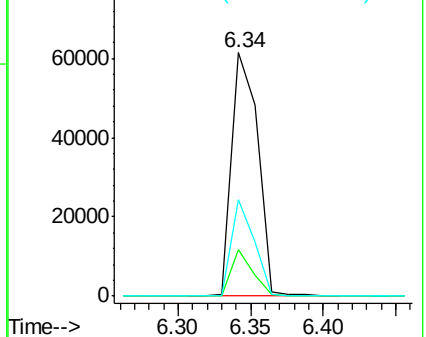
71 39.7 23.4 35.0#

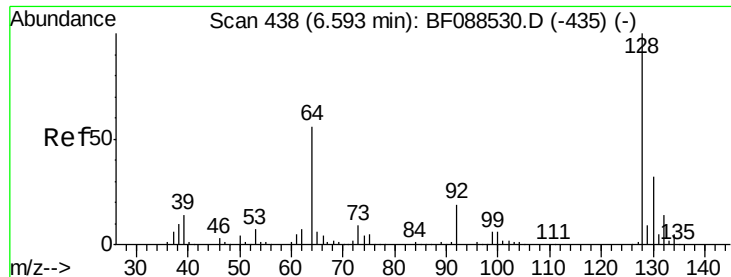


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 2.12 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

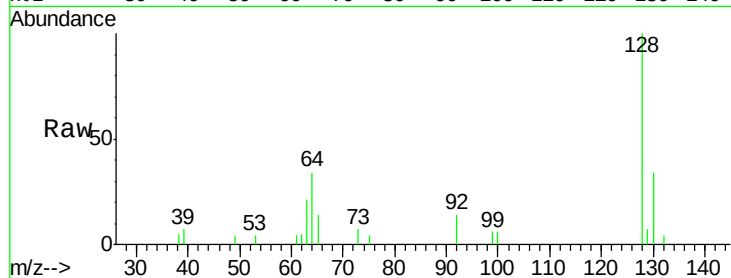
Tgt Ion:128 Resp: 10620

Ion Ratio Lower Upper

128 100

130 34.5 12.0 52.0

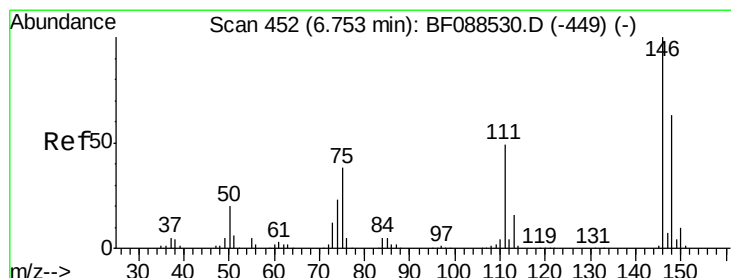
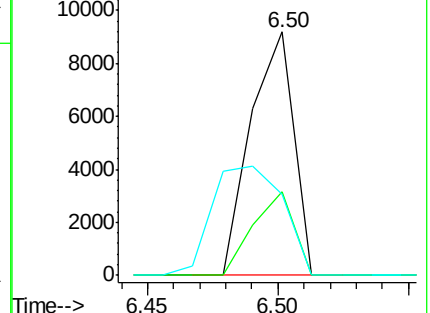
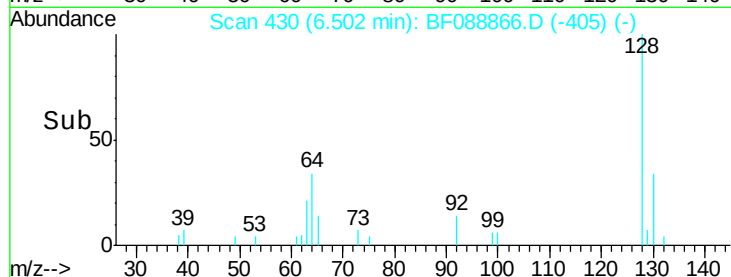
64 33.5 30.8 70.8



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



#12

1,3-Dichlorobenzene

Concen: 2.17 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.22 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

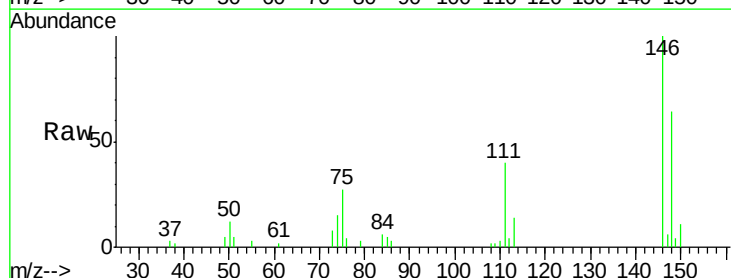
Tgt Ion:146 Resp: 11977

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

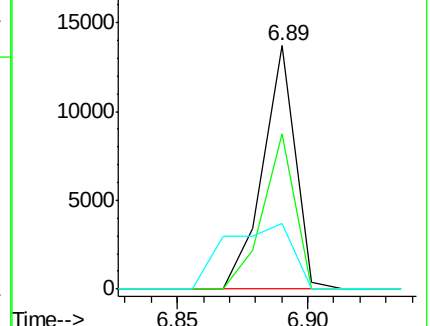
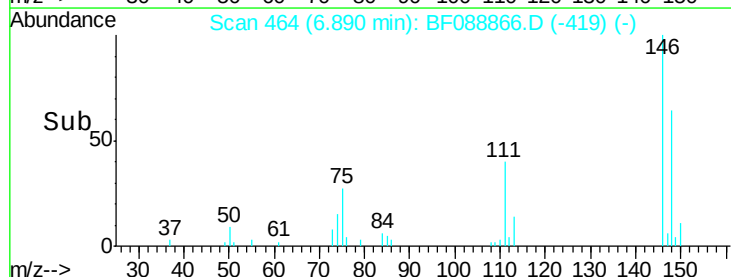
75 26.9 25.6 38.4

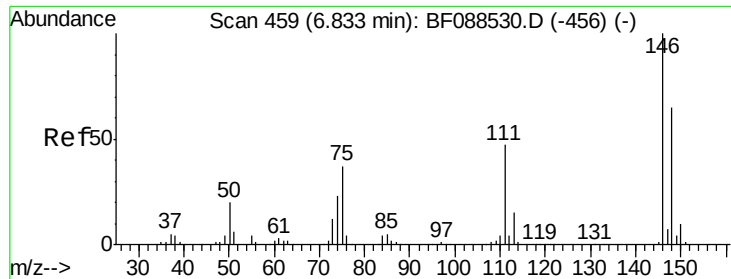


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

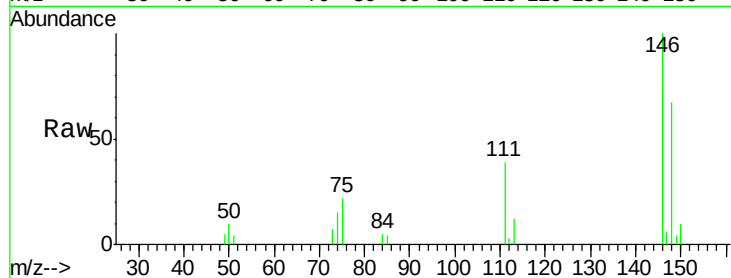




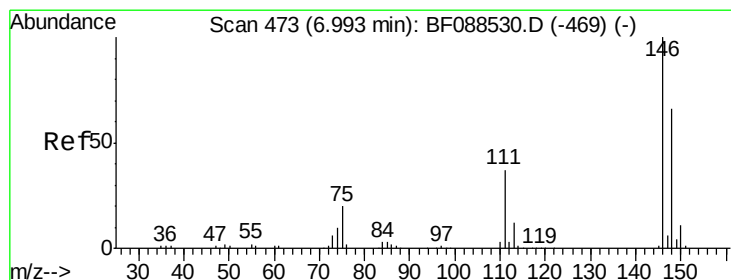
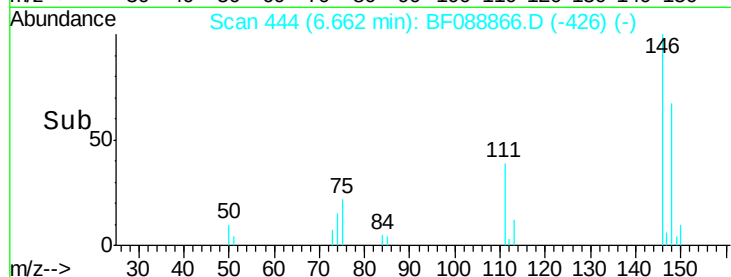
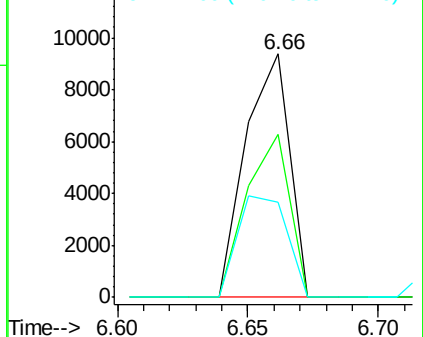
#13
 1,4-Dichlorobenzene
 Concen: 2.02 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.09 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:146 Resp: 11069
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.0 78.0
 111 39.1 33.8 50.8

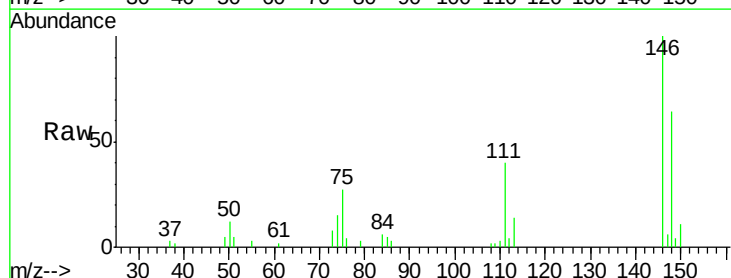


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

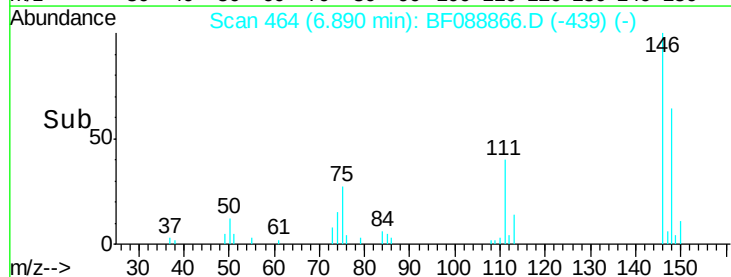
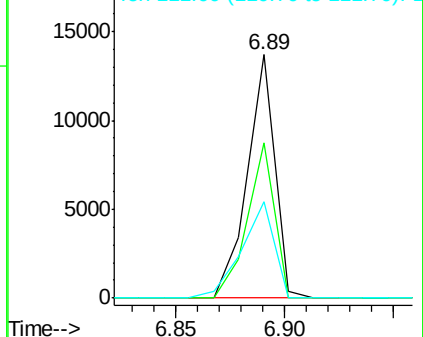


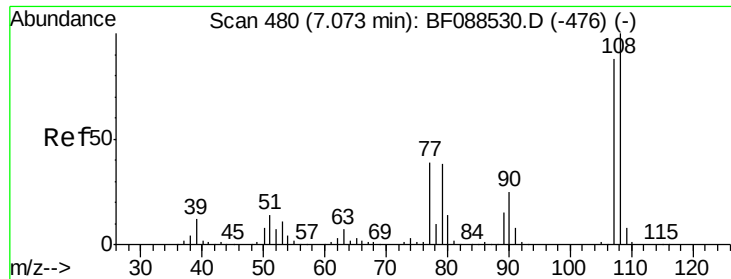
#14
 1,2-Dichlorobenzene
 Concen: 2.33 ng
 RT: 6.89 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:146 Resp: 11977
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 39.6 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





#17

2-Methylphenol

Concen: 2.09 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:107 Resp: 8542

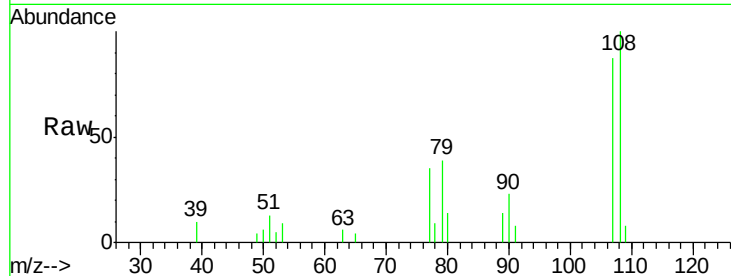
Ion Ratio Lower Upper

107 100

108 115.6 90.9 136.3

77 40.7 36.6 55.0

79 45.6 36.5 54.7

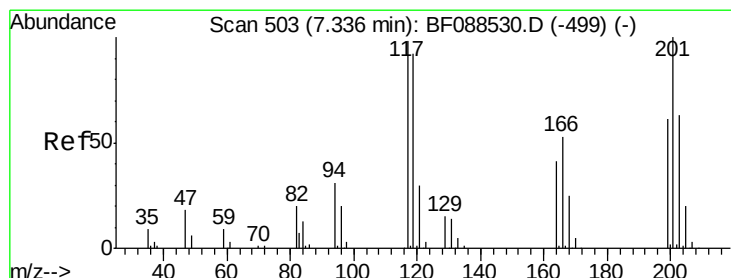
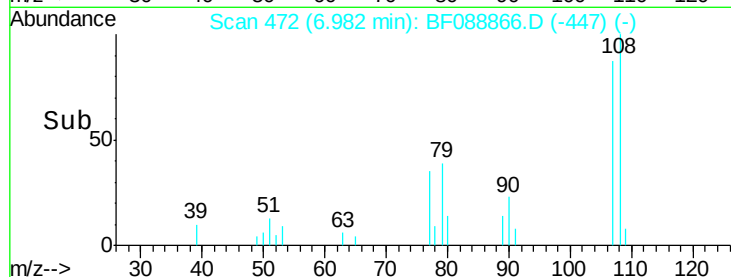
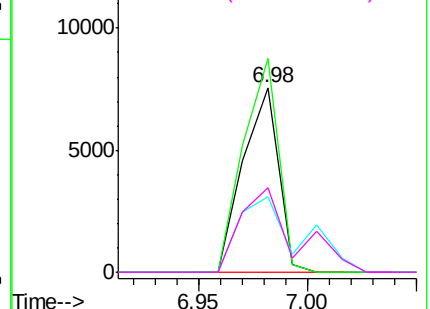


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 2.11 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

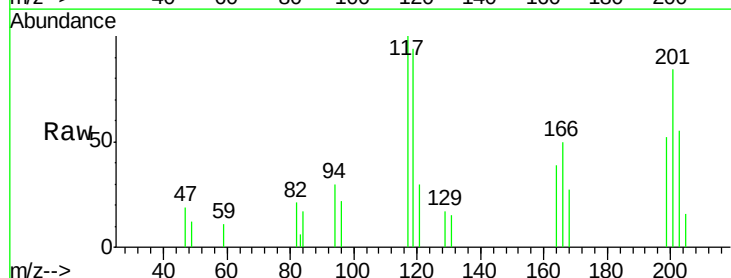
Tgt Ion:117 Resp: 4486

Ion Ratio Lower Upper

117 100

119 93.6 77.4 116.2

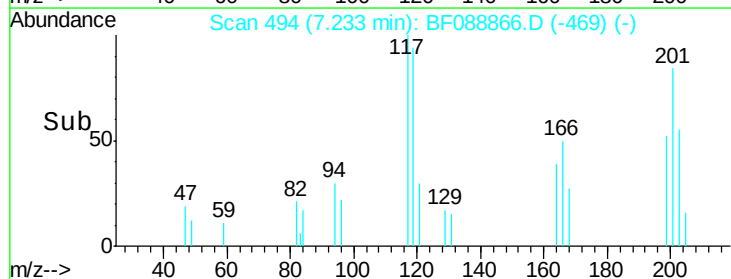
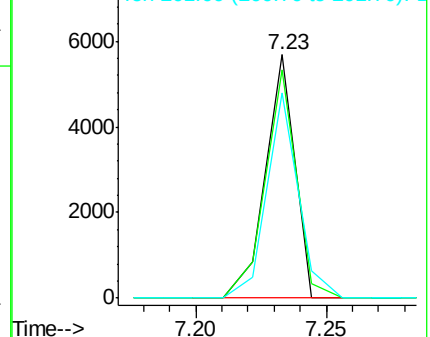
201 84.2 80.4 120.6

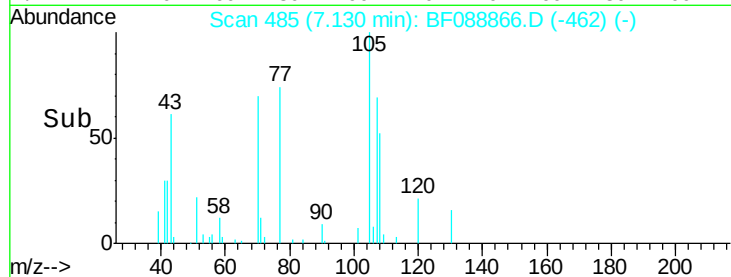
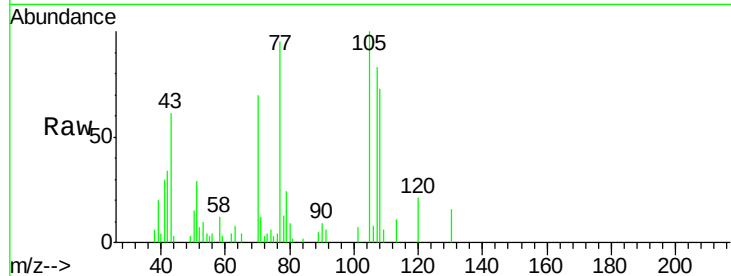
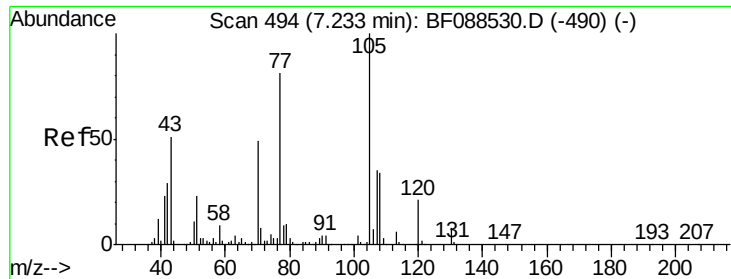


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

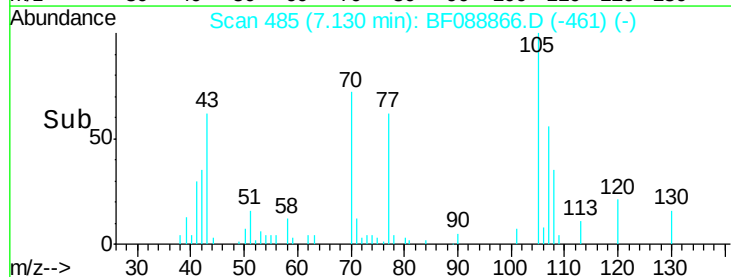
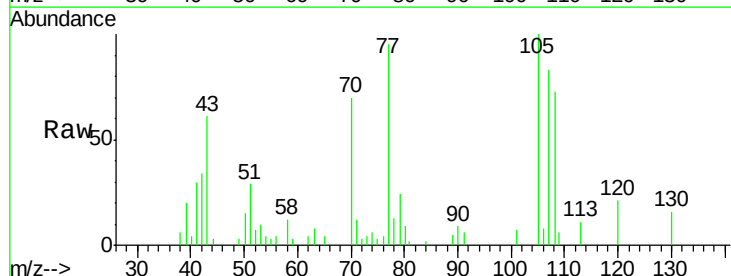
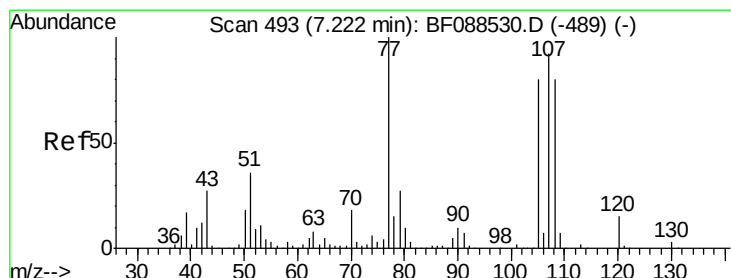
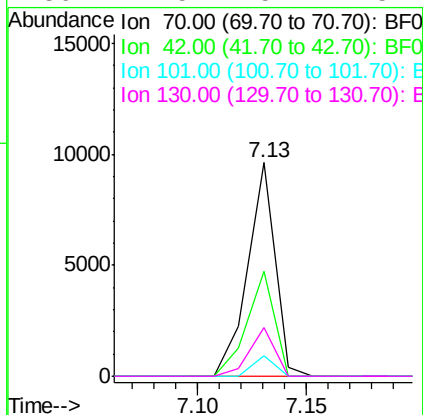




#19
n-Nitroso-di-n-propylamine
Concen: 2.08 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

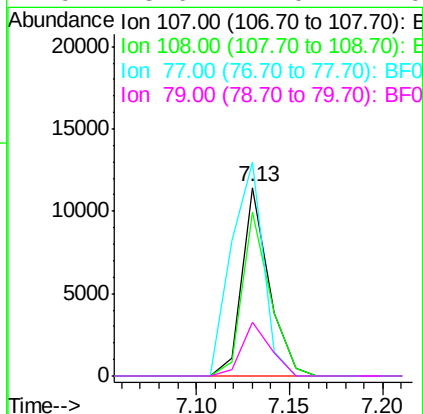
Instrument :
BNA_F
ClientSampleId :
PB91808BS

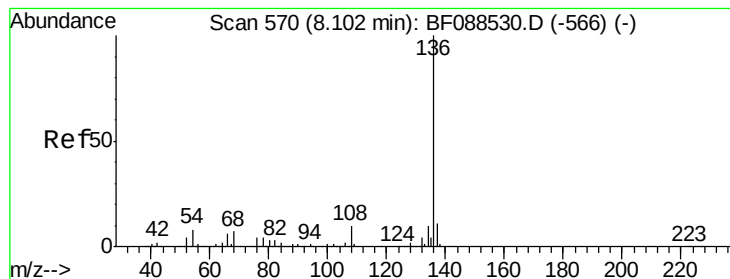
Tgt Ion:	70	Resp:	8441
Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.6	74.4#
101	9.7	7.1	10.7
130	22.5	15.4	23.2



#20
3+4-Methylphenols
Concen: 2.34 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:	107	Resp:	11488
Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.8	107.8
77	113.5	59.3	99.3#
79	28.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:136 Resp: 259866

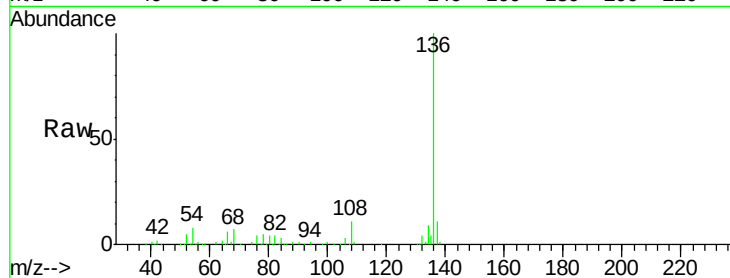
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 6.8 5.1 7.7

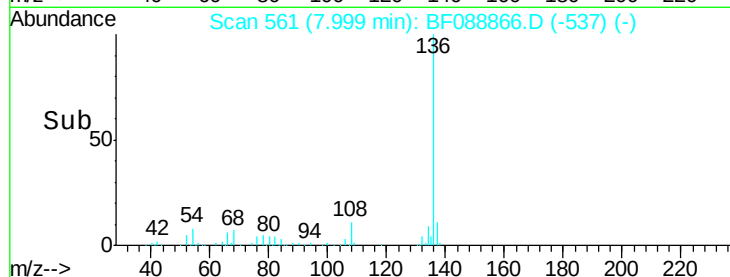


Abundance Ion 136.00 (135.70 to 136.70): E

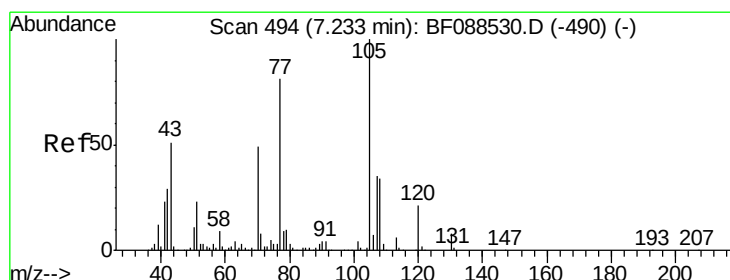
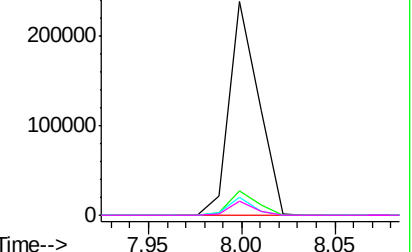
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.55 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Tgt Ion:105 Resp: 16107

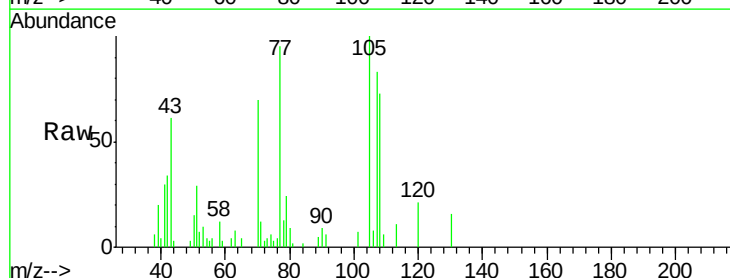
Ion Ratio Lower Upper

105 100

71 12.0 5.3 7.9#

51 29.0 18.2 27.4#

120 20.5 18.0 27.0

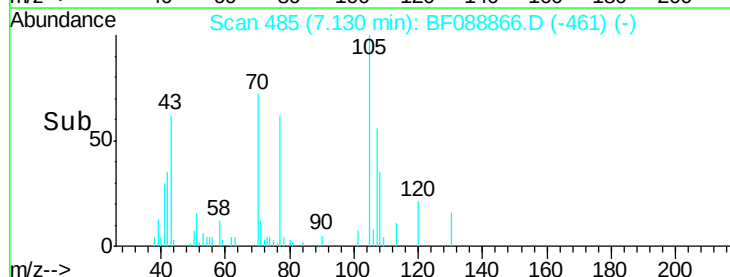


Abundance Ion 105.00 (104.70 to 105.70): E

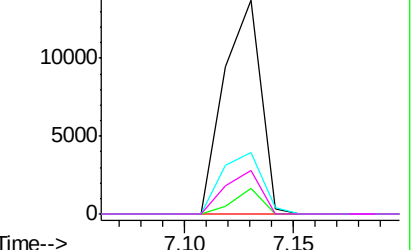
Ion 71.00 (70.70 to 71.70): BF0

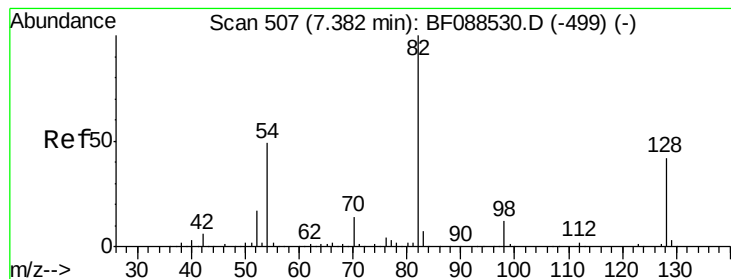
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 10.27 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

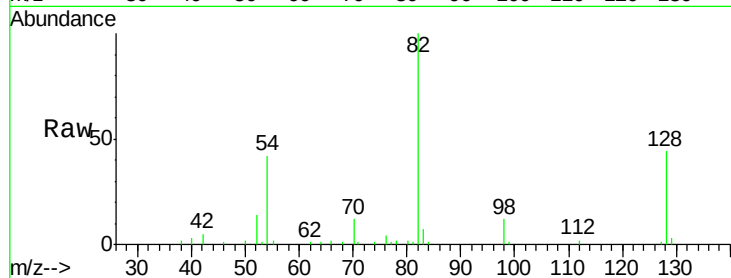
Tgt Ion: 82 Resp: 50916

Ion Ratio Lower Upper

82 100

128 44.1 35.9 53.9

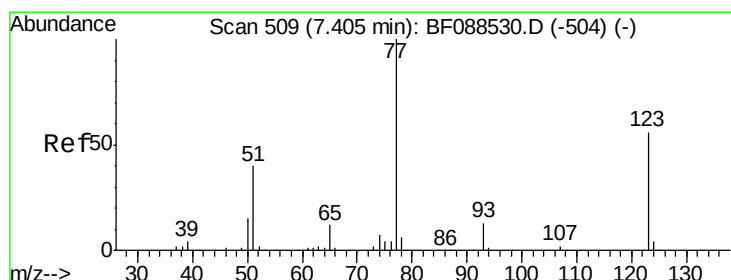
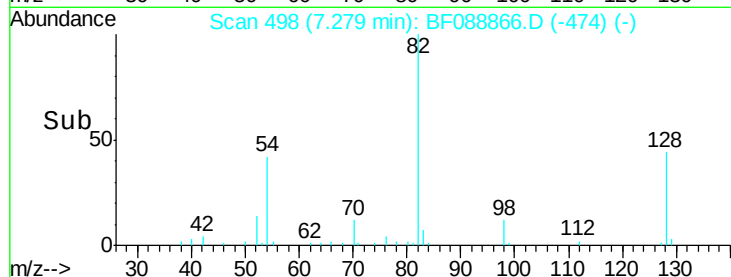
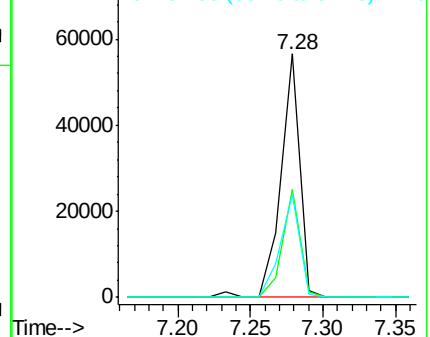
54 42.2 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 2.23 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

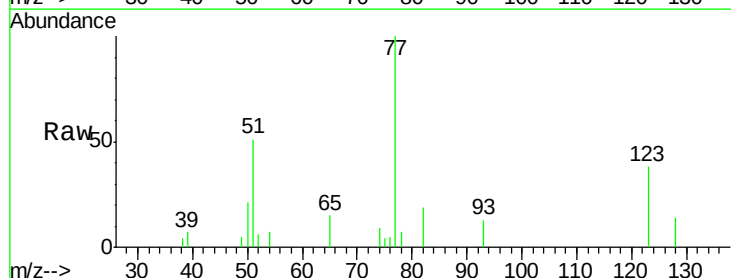
Tgt Ion: 77 Resp: 11149

Ion Ratio Lower Upper

77 100

123 38.4 45.0 67.4#

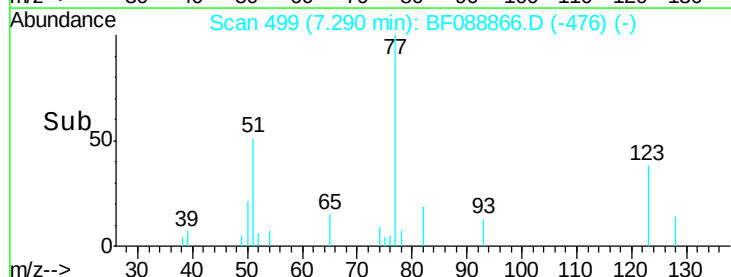
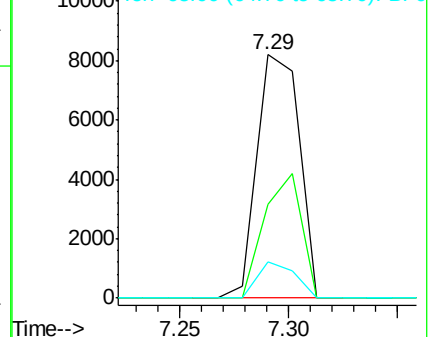
65 15.0 10.2 15.2

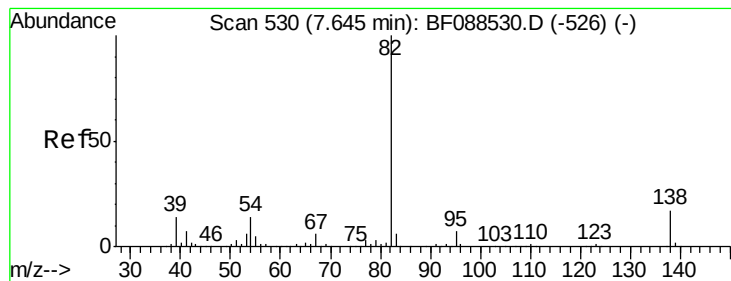


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.38 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

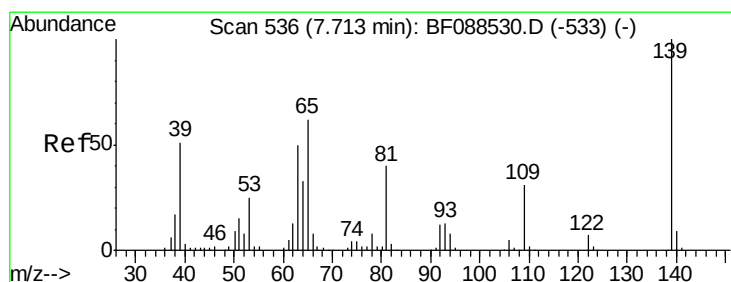
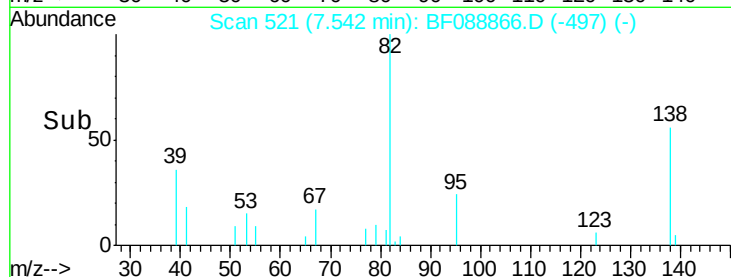
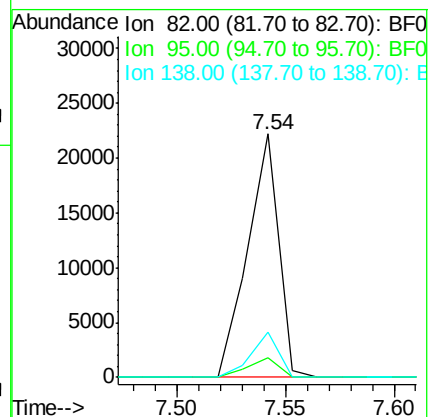
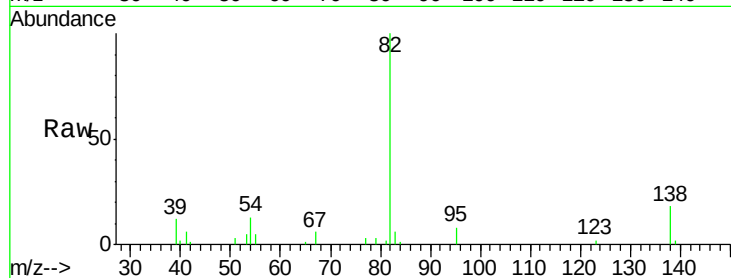
Tgt Ion: 82 Resp: 21862

Ion Ratio Lower Upper

82 100

95 7.9 5.4 8.2

138 18.4 14.6 21.8



#26

2-Nitrophenol

Concen: 2.33 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

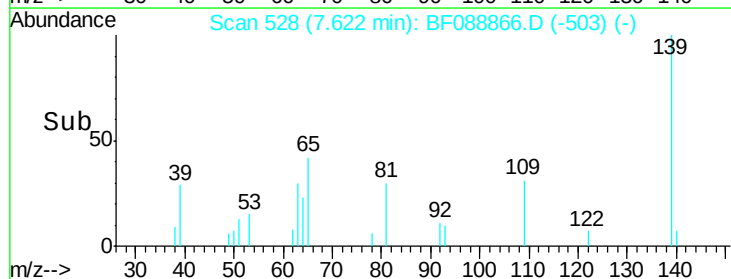
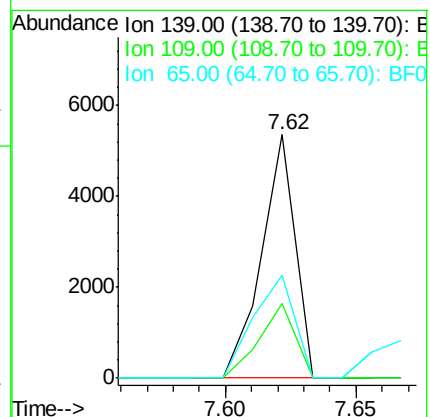
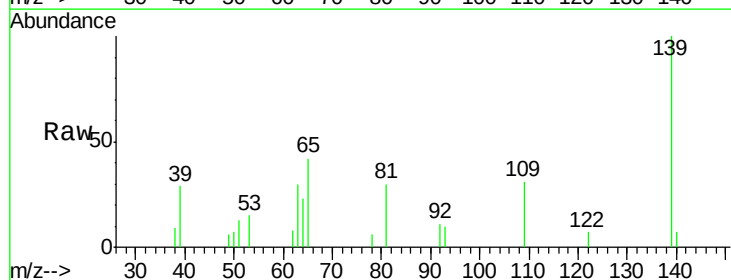
Tgt Ion: 139 Resp: 4772

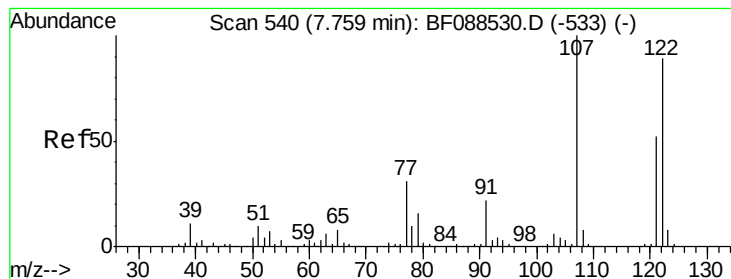
Ion Ratio Lower Upper

139 100

109 30.7 23.0 34.4

65 42.3 45.8 68.8#

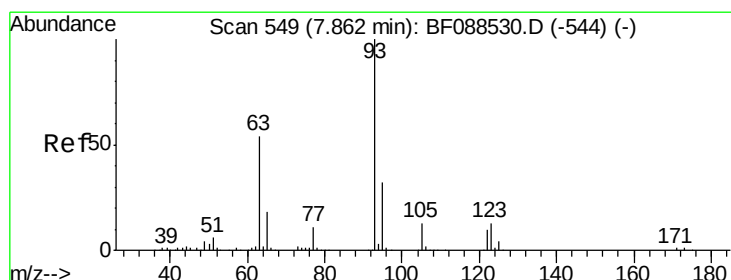
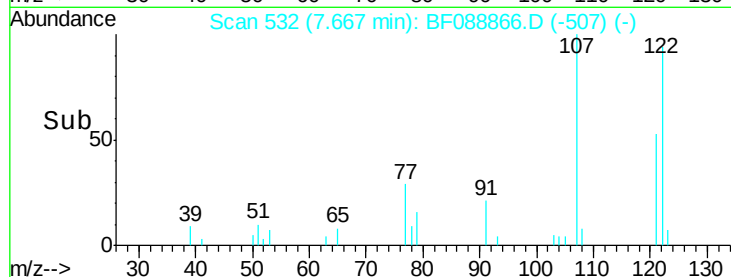
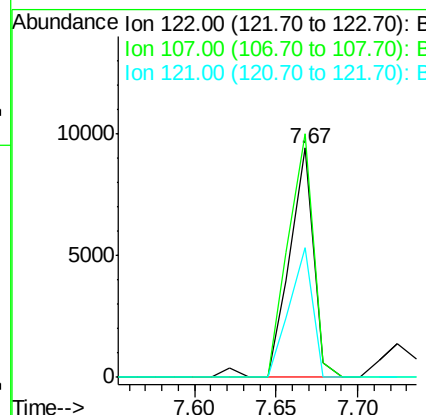
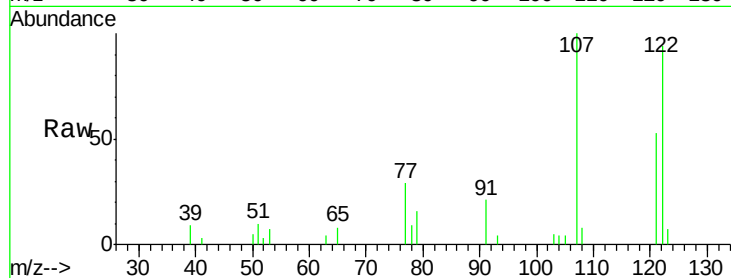




#27
 2,4-Dimethylphenol
 Concen: 2.30 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

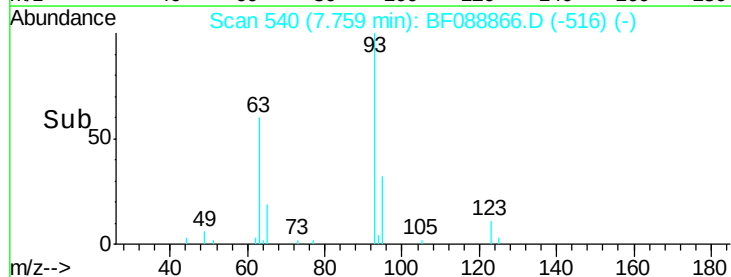
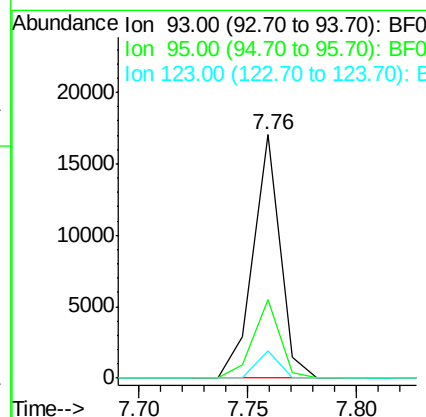
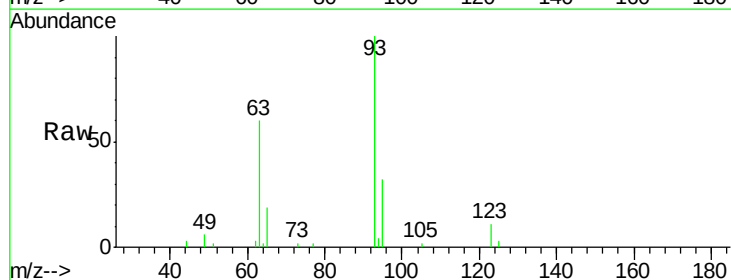
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

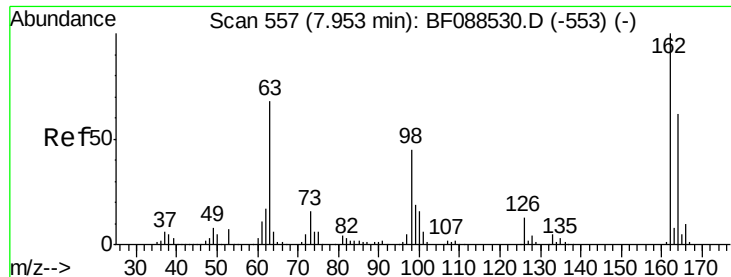
Tgt Ion: 122 Resp: 9820
 Ion Ratio Lower Upper
 122 100
 107 106.4 82.4 123.6
 121 56.5 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.45 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion: 93 Resp: 14669
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.1 11.6 17.4#

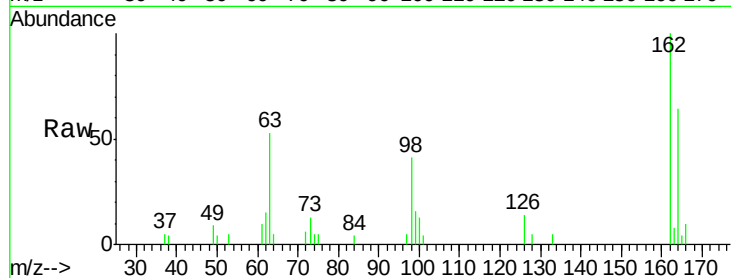




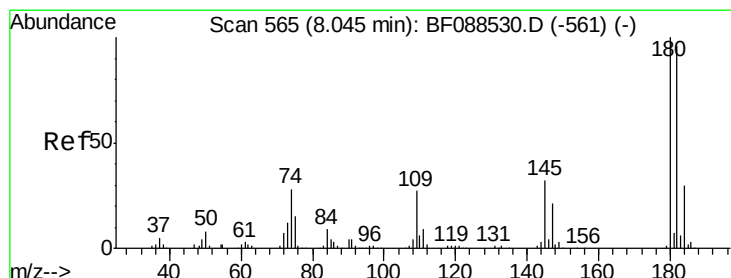
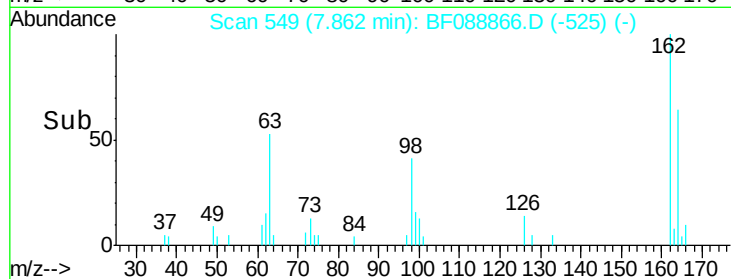
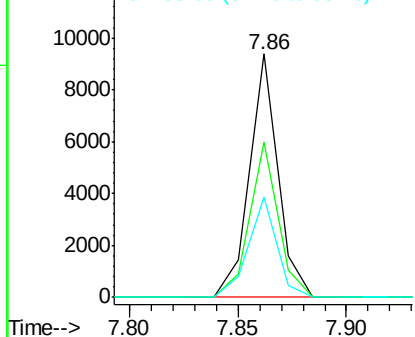
#29
 2,4-Dichlorophenol
 Concen: 2.48 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:162 Resp: 8545
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.8 83.8
 98 41.0 21.3 61.3

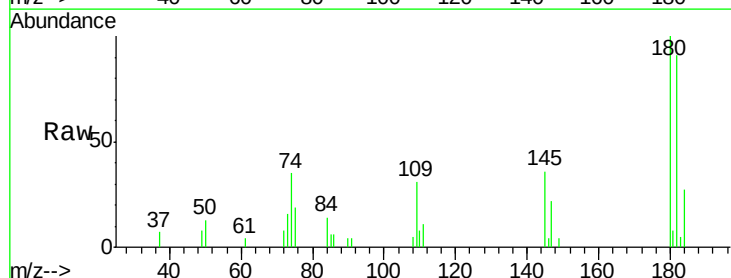


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

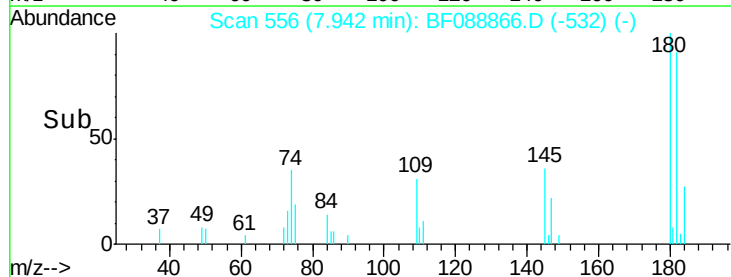
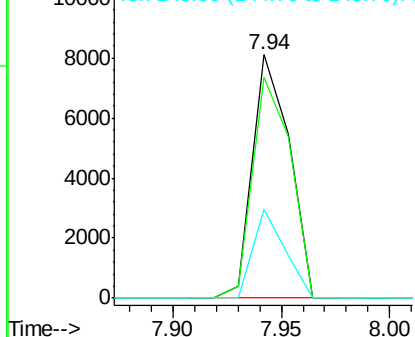


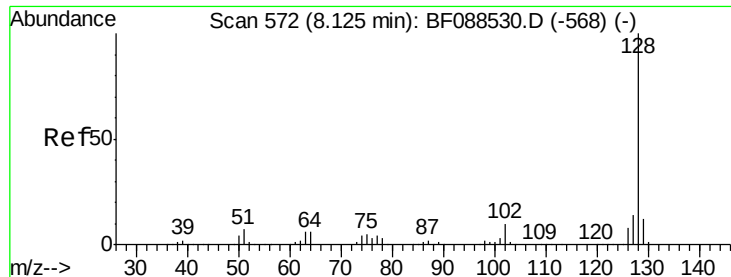
#30
 1,2,4-Trichlorobenzene
 Concen: 2.53 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:180 Resp: 9578
 Ion Ratio Lower Upper
 180 100
 182 90.5 76.0 114.0
 145 36.5 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

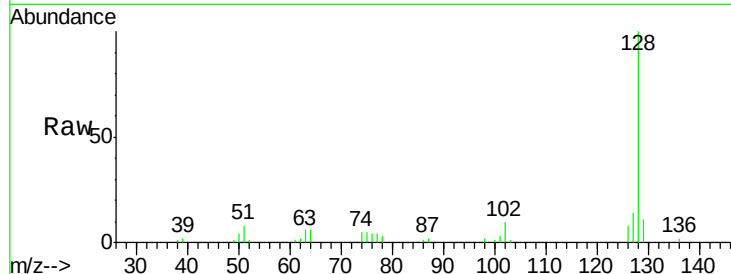




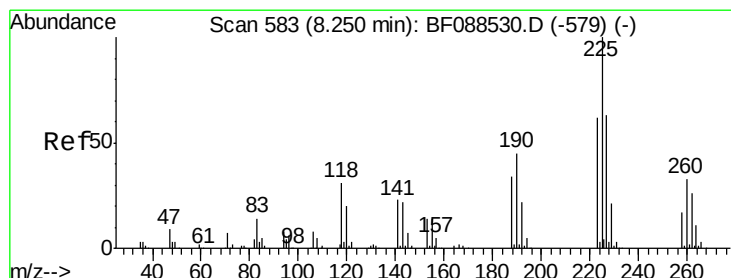
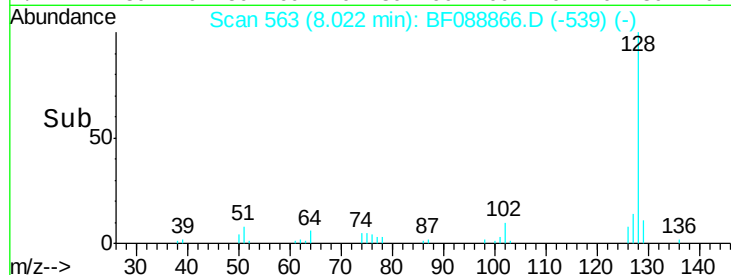
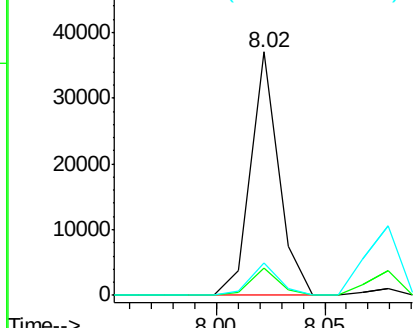
#31
Naphthalene
Concen: 2.58 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:128 Resp: 33107
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.5 10.9 16.3

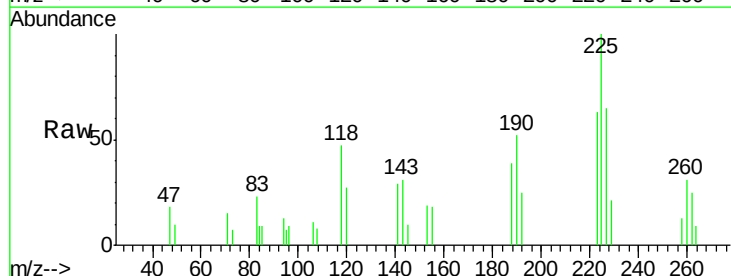


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

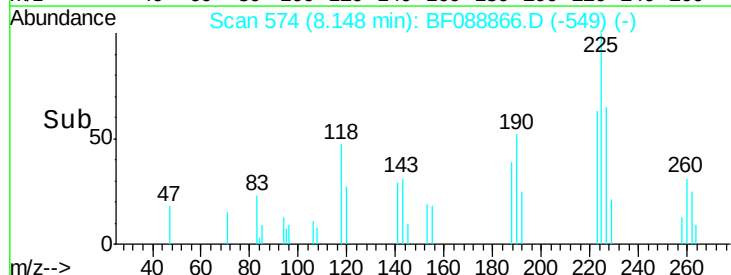
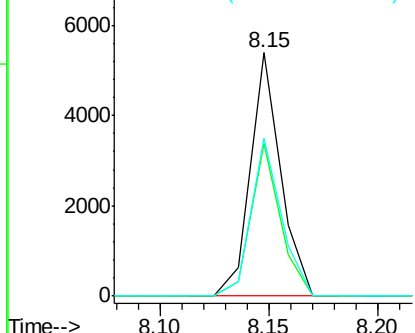


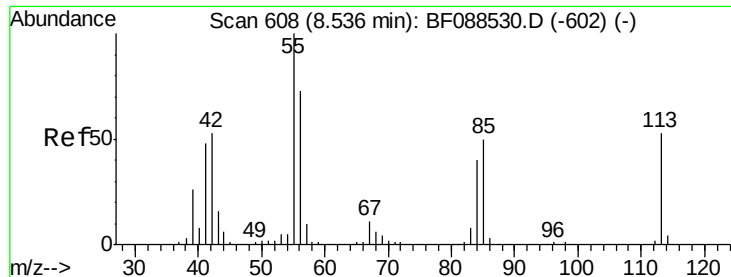
#34
Hexachlorobutadiene
Concen: 2.56 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:225 Resp: 5197
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 64.7 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

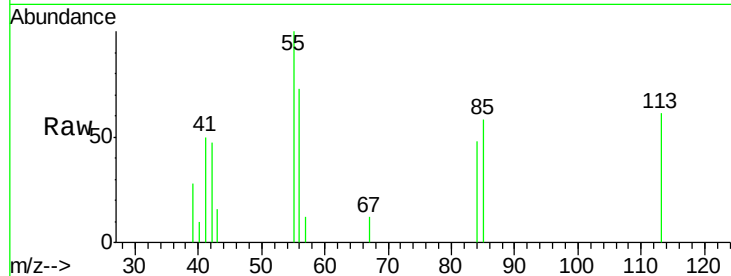




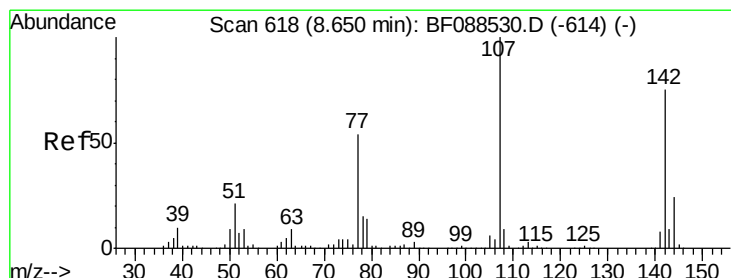
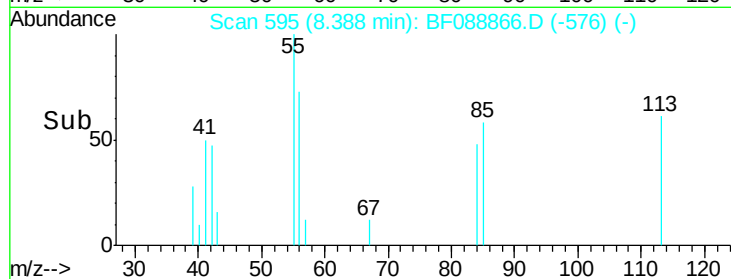
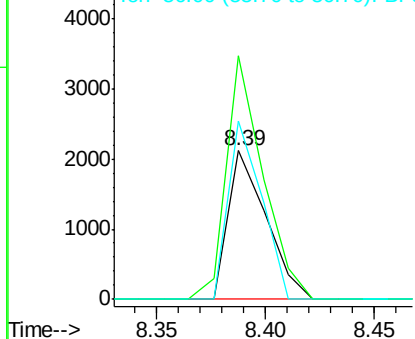
#35
 Caprolactam
 Concen: 2.19 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.08 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:113 Resp: 2564
 Ion Ratio Lower Upper
 113 100
 55 163.9 158.6 198.6
 56 120.4 110.6 150.6

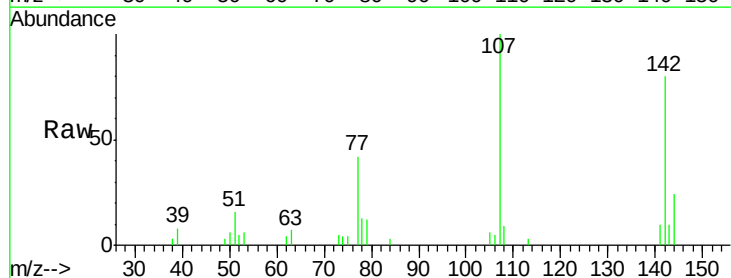


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

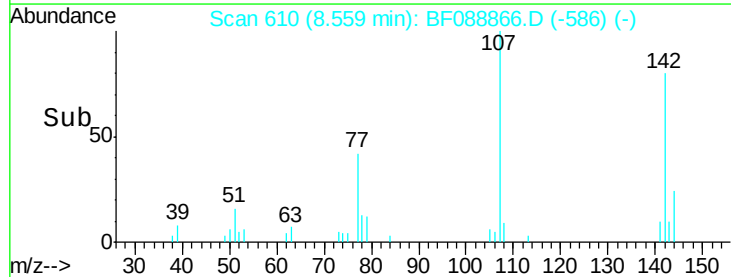
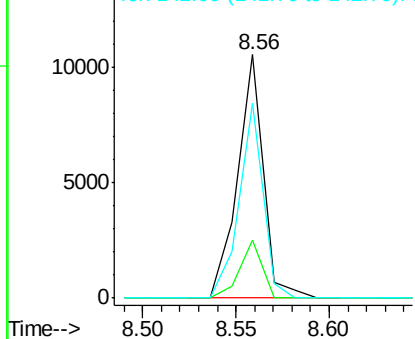


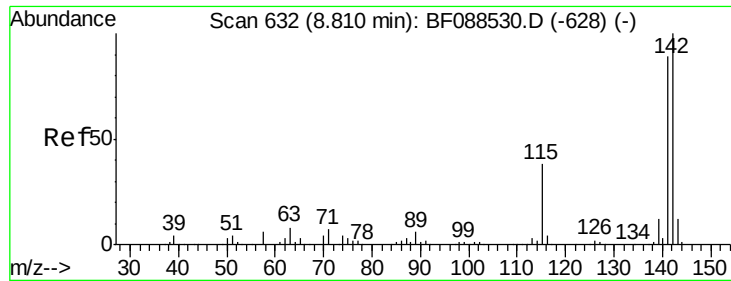
#36
 4-Chloro-3-methylphenol
 Concen: 2.50 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:107 Resp: 10188
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.8 31.2
 142 80.1 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

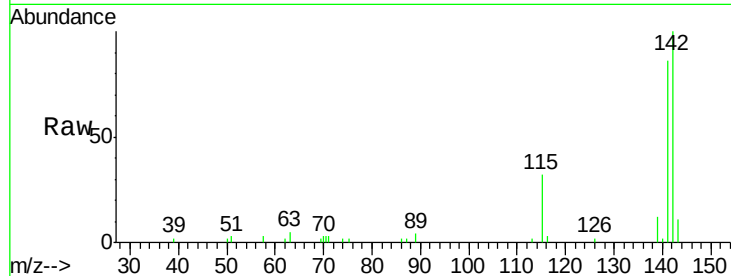




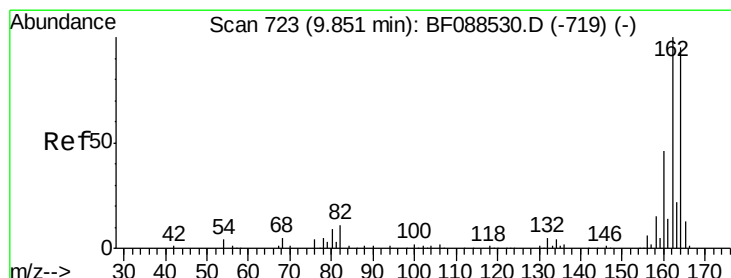
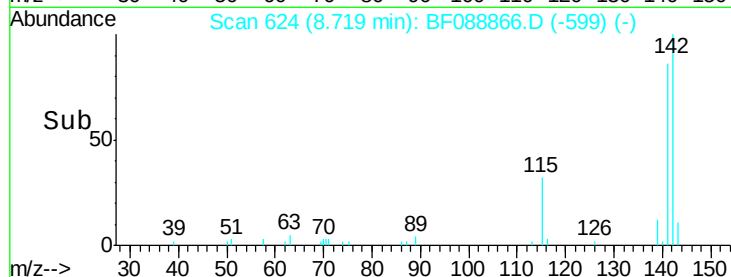
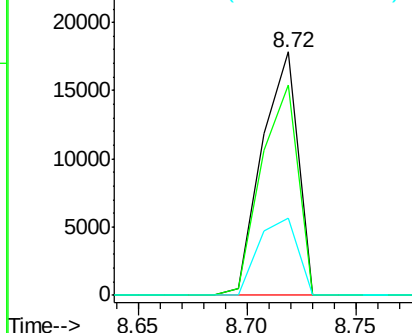
#37
 2-Methylnaphthalene
 Concen: 2.51 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:142 Resp: 20711
 Ion Ratio Lower Upper
 142 100
 141 86.3 71.0 106.6
 115 31.9 22.6 33.8

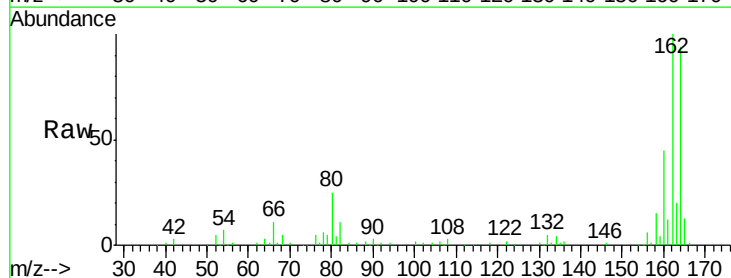


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

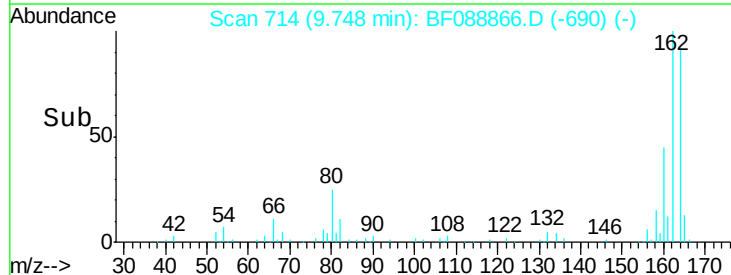
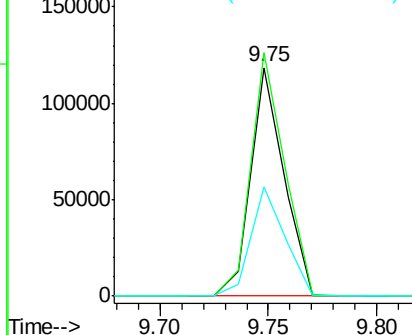


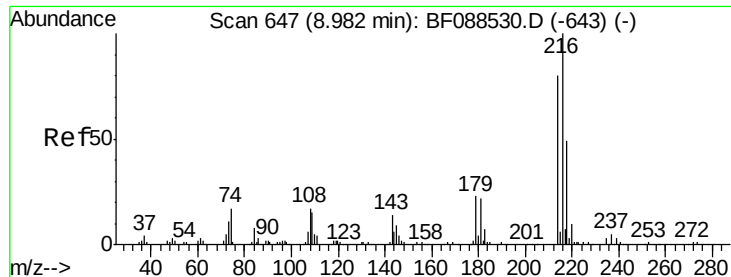
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:164 Resp: 125556
 Ion Ratio Lower Upper
 164 100
 162 106.5 85.4 128.2
 160 48.0 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

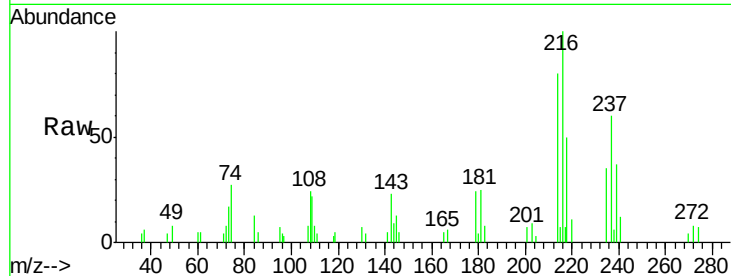




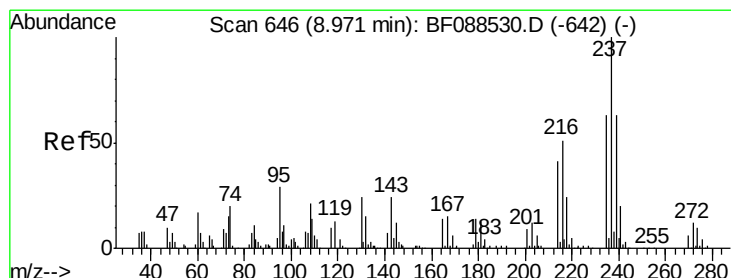
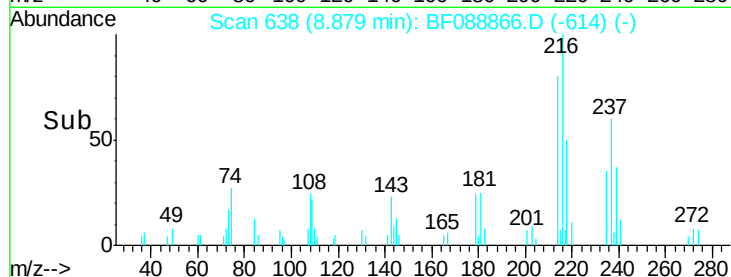
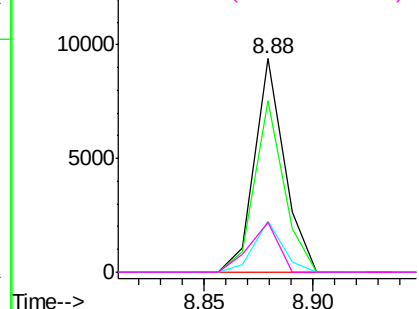
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.15 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:	216	Resp:	8963
Ion	Ratio	Lower	Upper
216	100		
214	78.9	2.9	4.3#
179	23.2	0.0	0.0#
108	23.2	0.5	0.7#

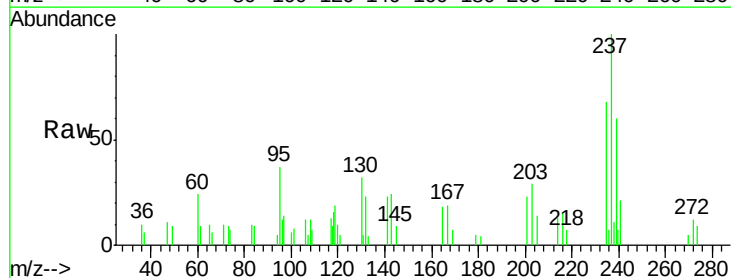


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

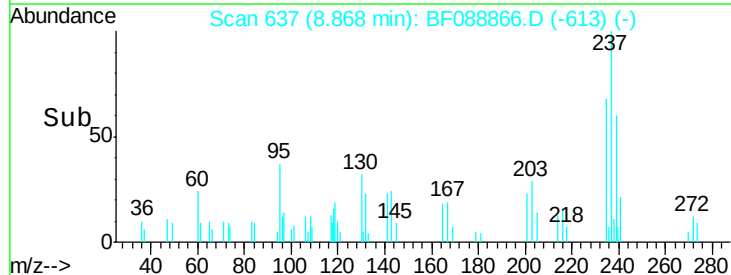
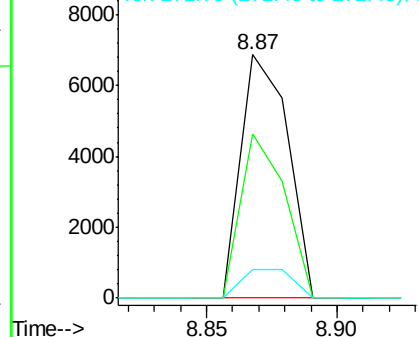


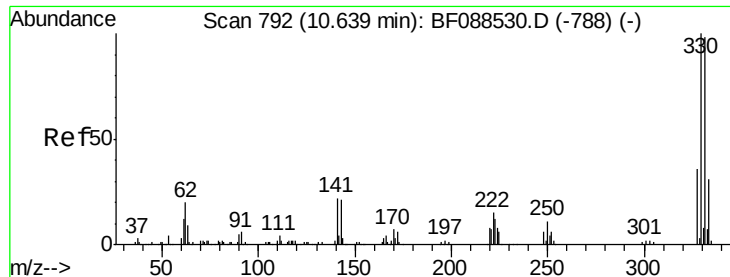
#40
 Hexachlorocyclopentadiene
 Concen: 4.19 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:	237	Resp:	8585
Ion	Ratio	Lower	Upper
237	100		
235	67.6	43.4	83.4
272	11.9	0.0	32.3



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

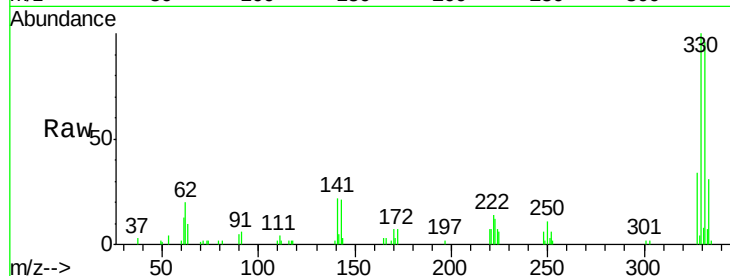




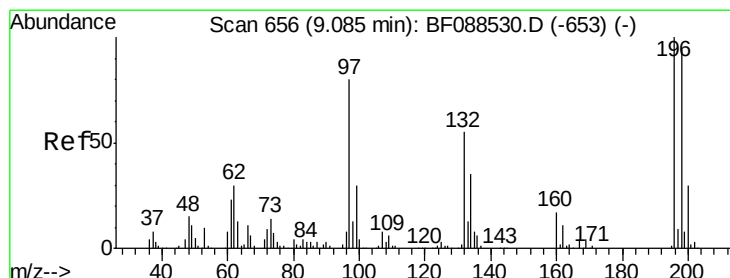
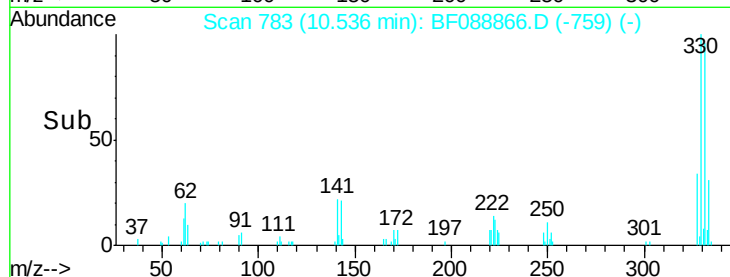
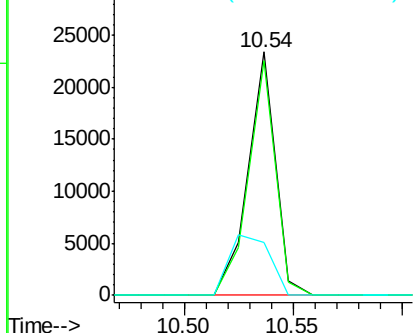
#41
 2,4,6-Tribromophenol
 Concen: 17.55 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:330 Resp: 20460
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 36.7 0.0 0.0#

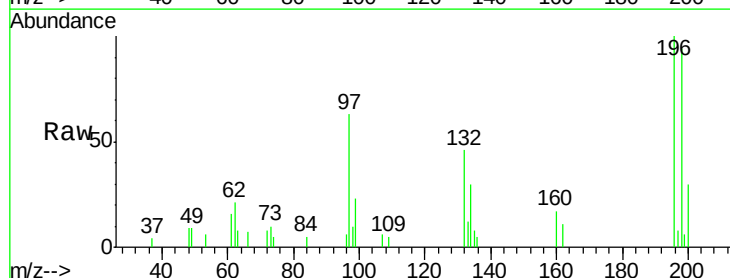


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

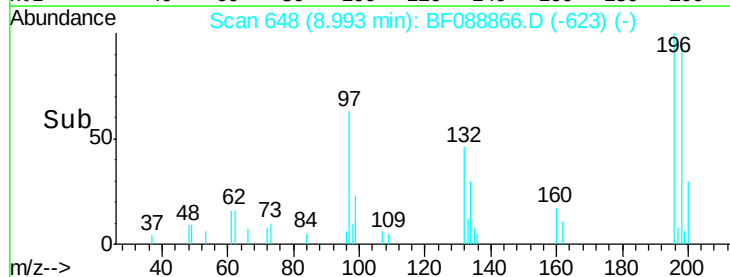
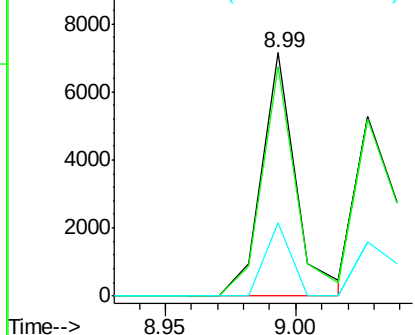


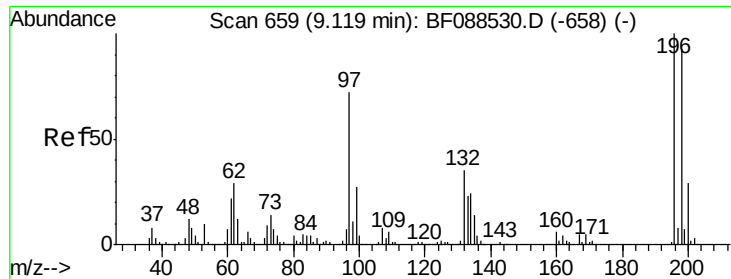
#42
 2,4,6-Trichlorophenol
 Concen: 2.37 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:196 Resp: 6532
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.0 117.0
 200 30.0 25.4 38.2



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

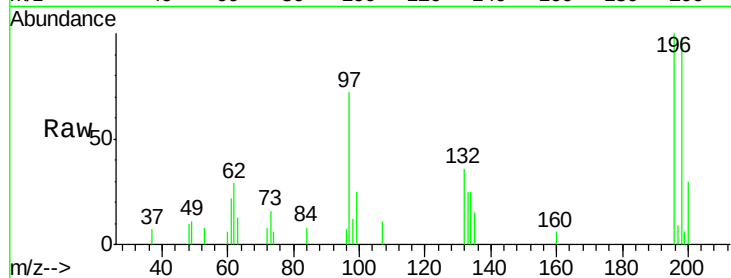




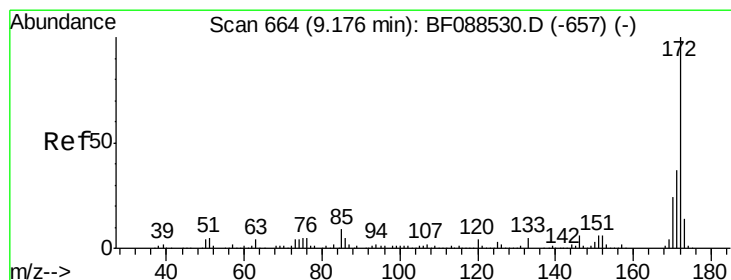
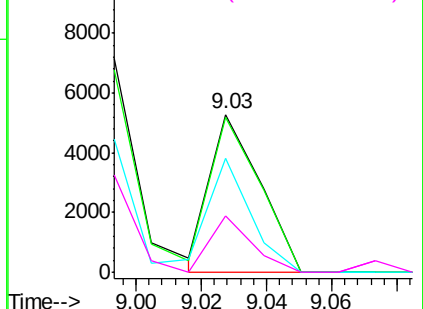
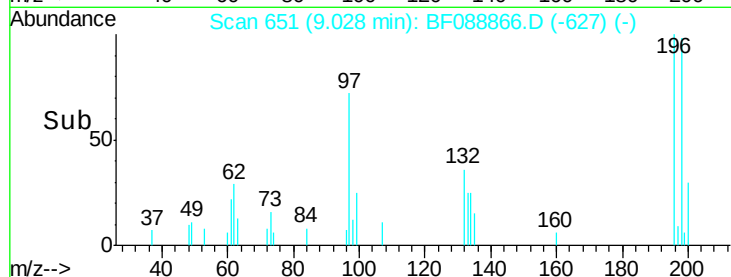
#43
 2,4,5-Trichlorophenol
 Concen: 2.33 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:196 Resp: 5527
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.5 116.3
 97 71.8 32.0 48.0#
 132 36.0 20.9 31.3#

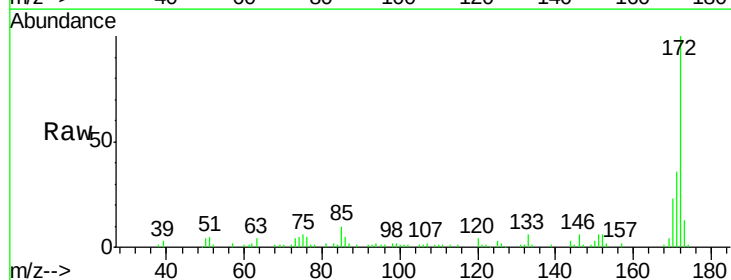


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

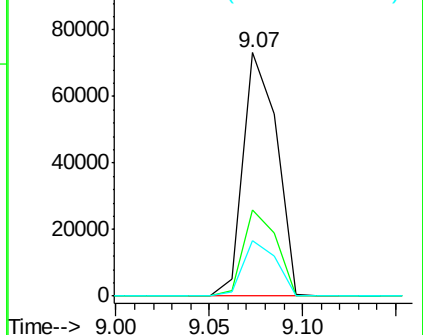
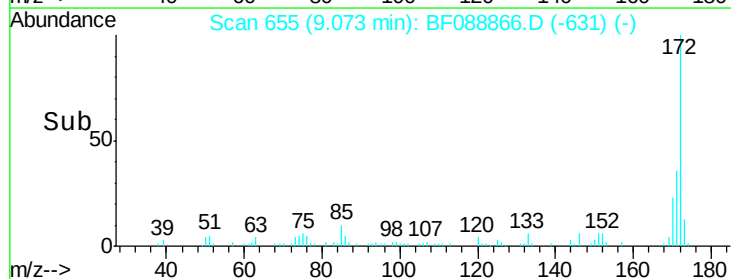


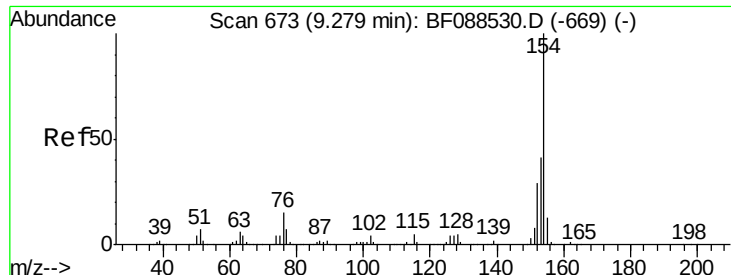
#44
 2-Fluorobiphenyl
 Concen: 11.50 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:172 Resp: 91441
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.0 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

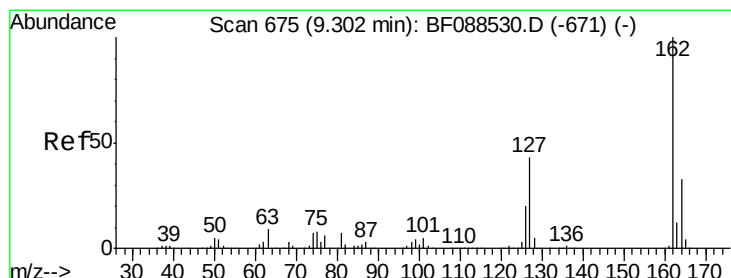
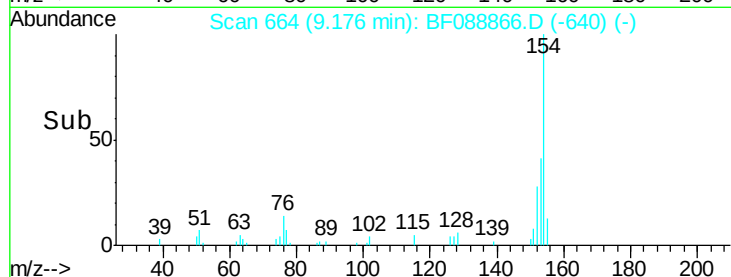
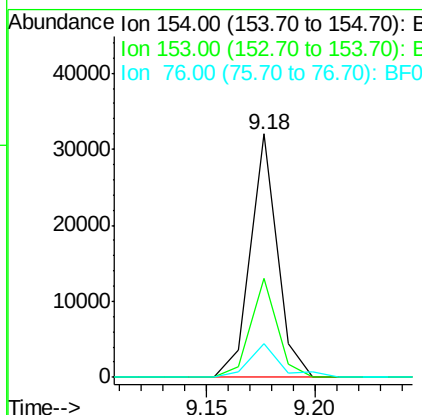
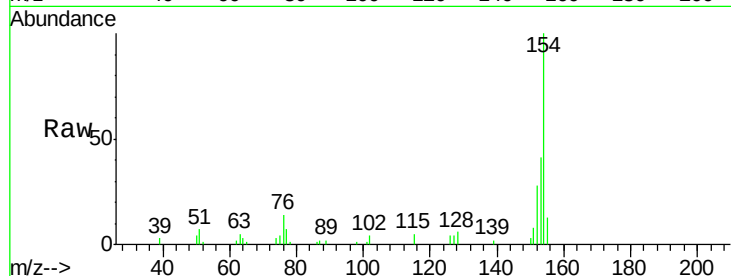




#45
 1,1'-Biphenyl
 Concen: 2.63 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

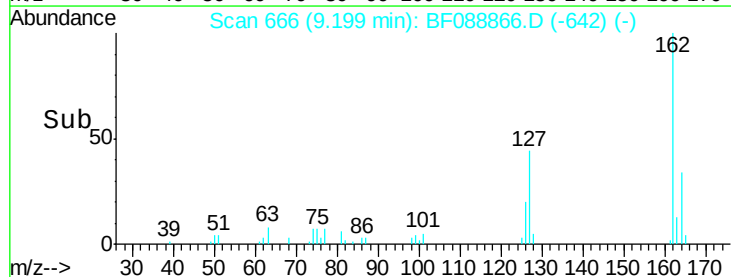
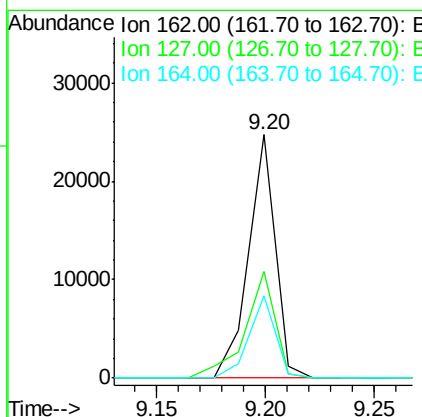
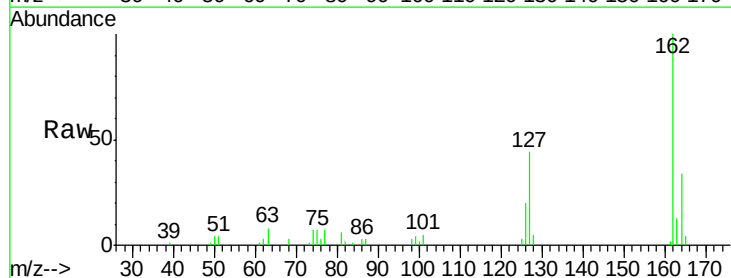
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

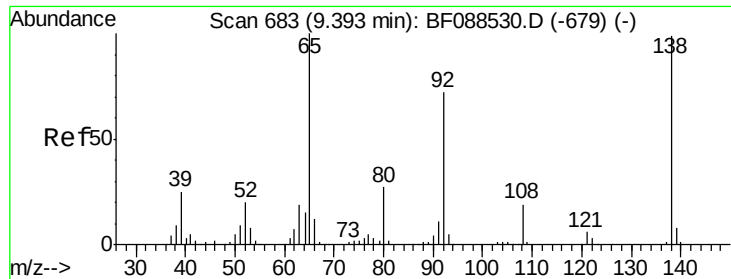
Tgt Ion:154 Resp: 27372
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 13.8 0.0 35.1



#46
 2-Chloronaphthalene
 Concen: 2.59 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:162 Resp: 21102
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.2 52.8
 164 33.9 26.6 39.8

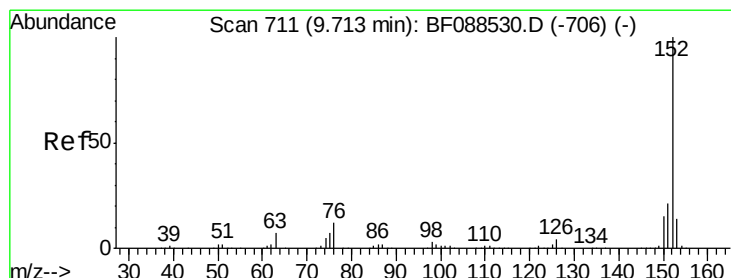
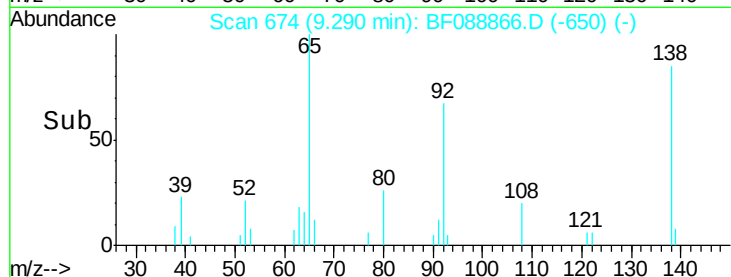
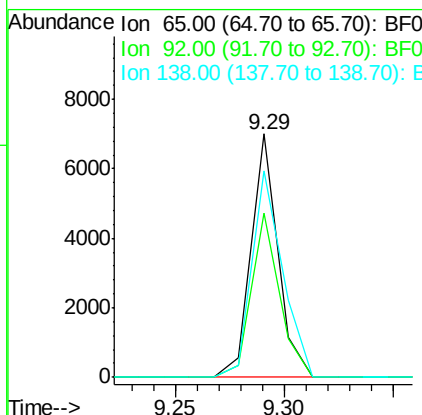
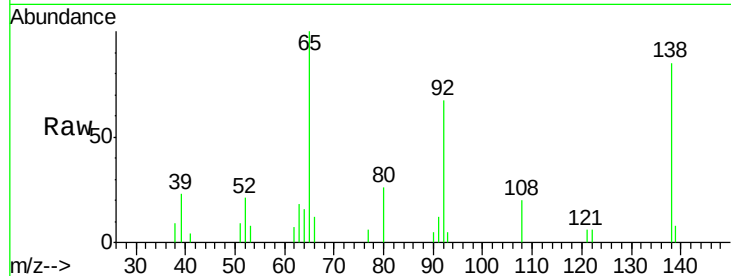




#47
 2-Nitroaniline
 Concen: 2.07 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

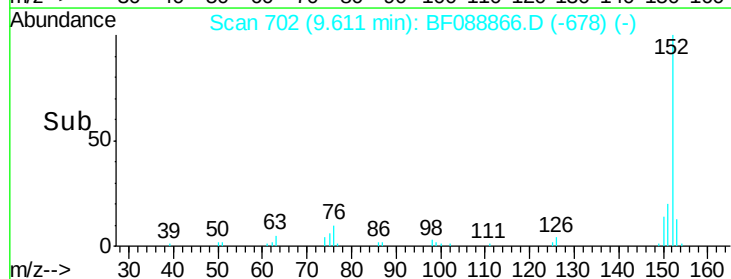
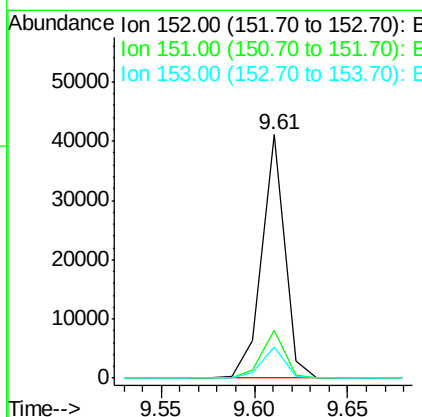
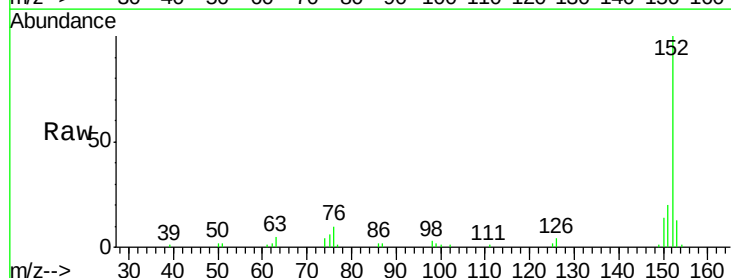
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

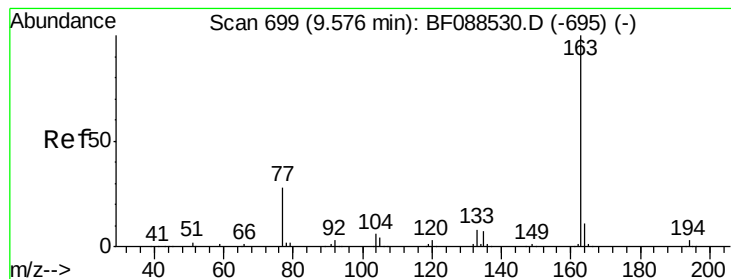
Tgt Ion: 65 Resp: 5991
 Ion Ratio Lower Upper
 65 100
 92 67.5 54.6 82.0
 138 84.6 77.0 115.4



#48
 Acenaphthylene
 Concen: 2.67 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion: 152 Resp: 34633
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.2 24.4
 153 13.0 11.0 16.6





#49

Dimethylphthalate

Concen: 2.70 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

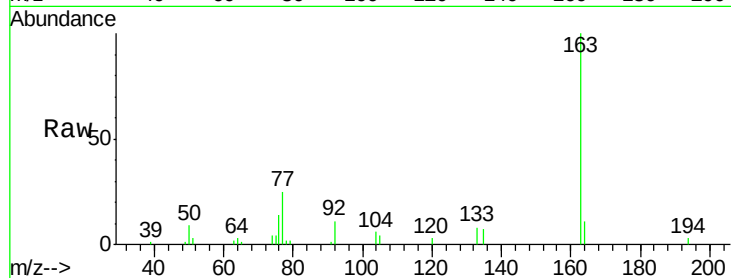
Tgt Ion:163 Resp: 24128

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

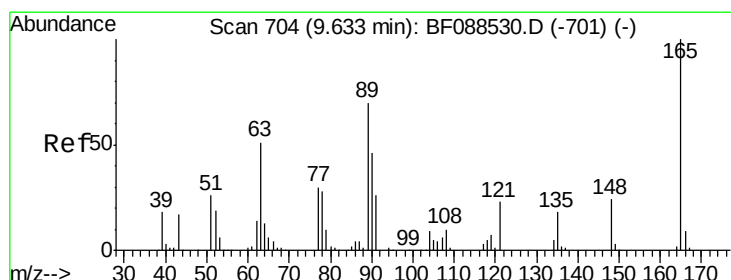
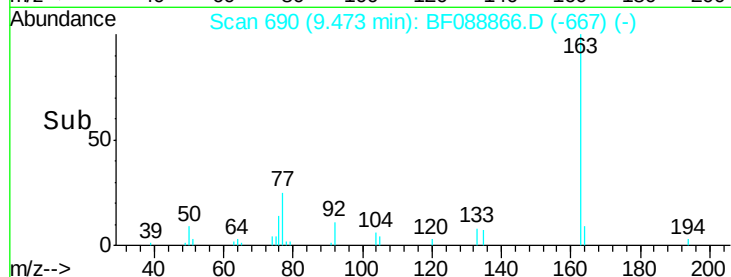
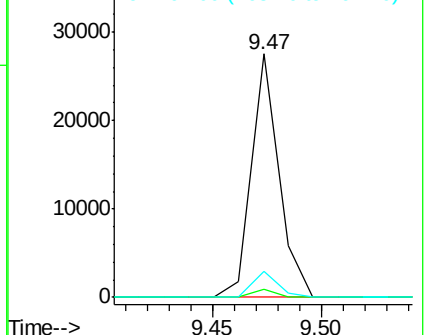
164 10.8 8.3 12.5



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: 2.33 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

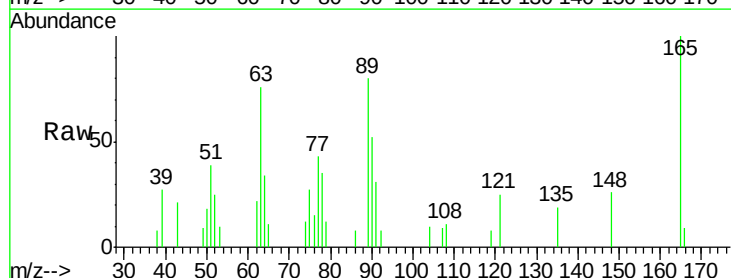
Tgt Ion:165 Resp: 4613

Ion Ratio Lower Upper

165 100

63 76.3 28.1 42.1#

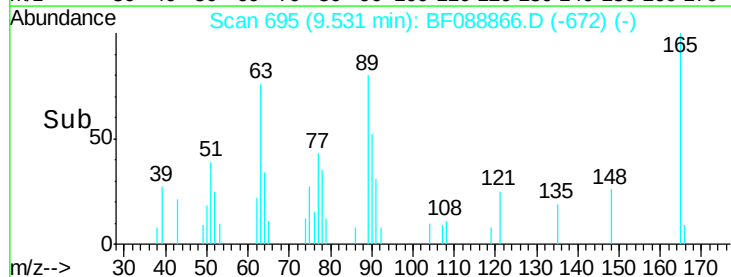
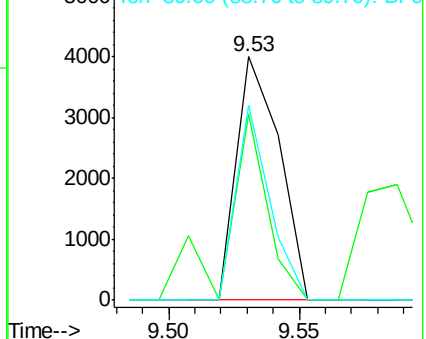
89 80.0 32.2 48.2#

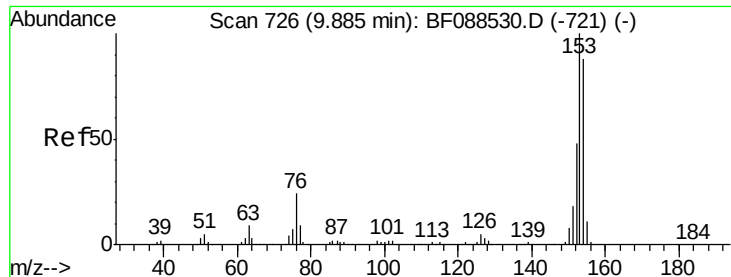


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.94 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

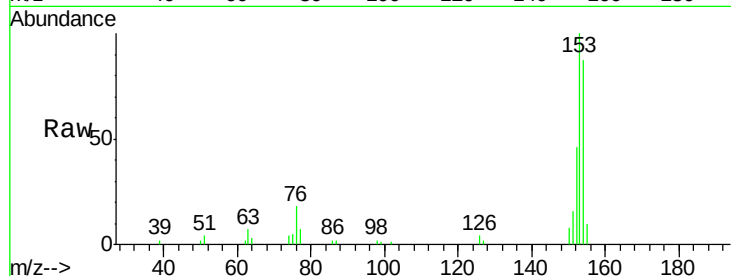
Tgt Ion:154 Resp: 23430

Ion Ratio Lower Upper

154 100

153 115.4 89.5 134.3

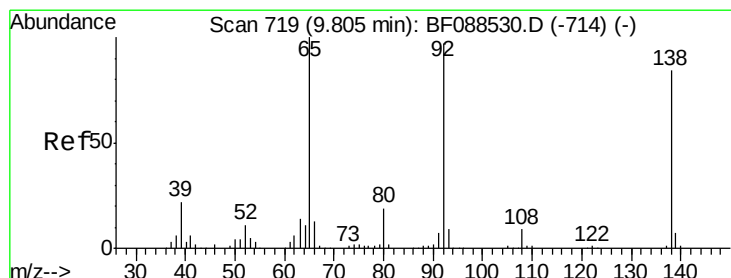
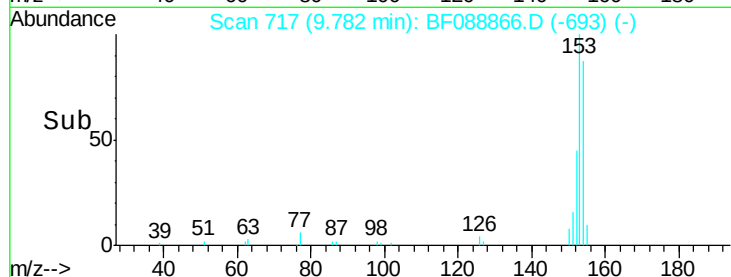
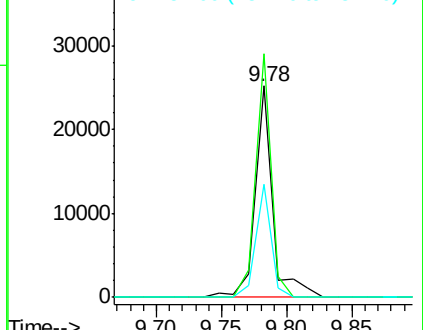
152 53.4 42.7 64.1



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: 2.31 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

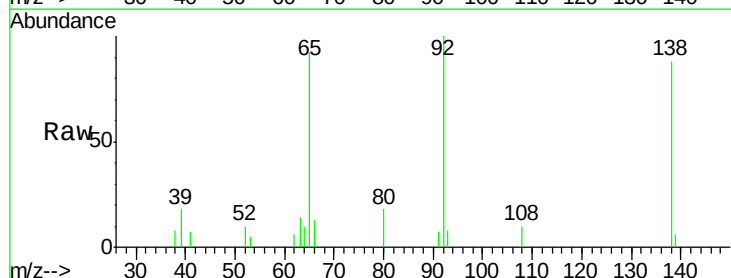
Tgt Ion:138 Resp: 5812

Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

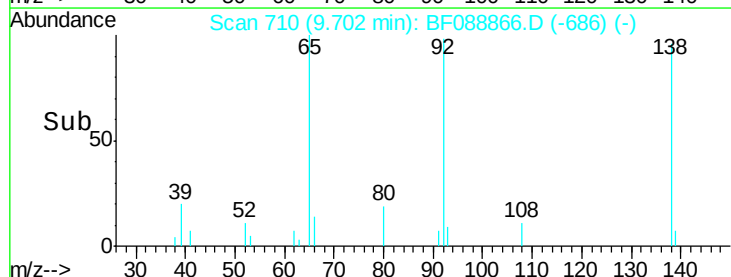
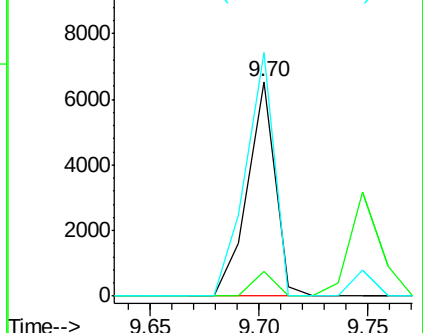
92 113.4 95.7 143.5

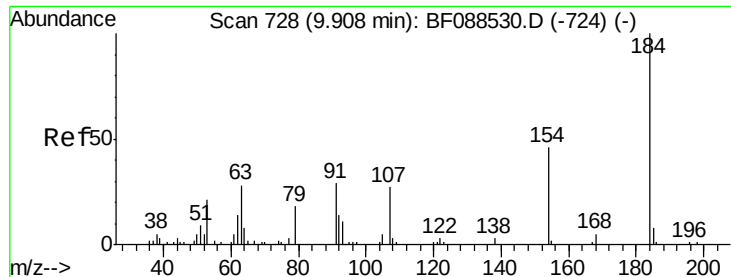


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

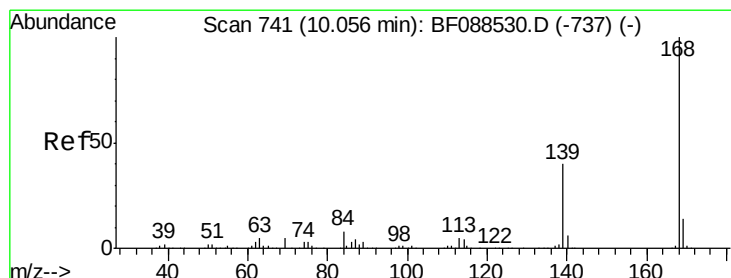
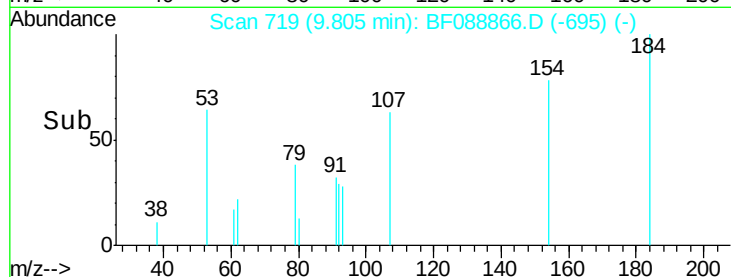
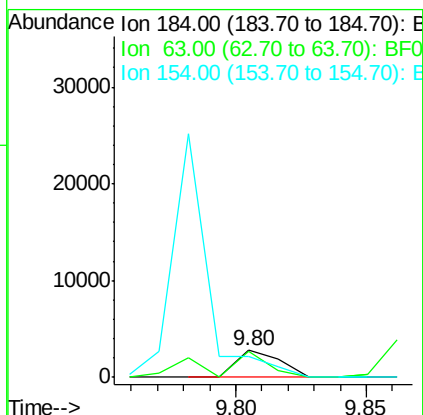
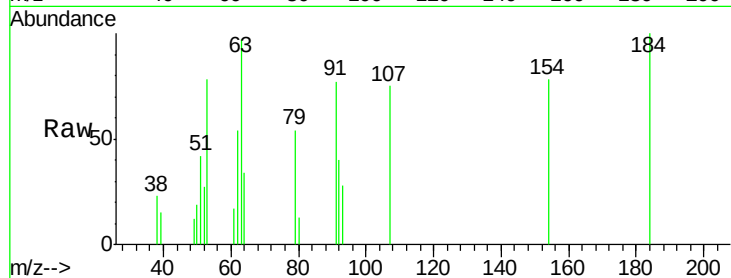




#53
 2,4-Dinitrophenol
 Concen: 3.66 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

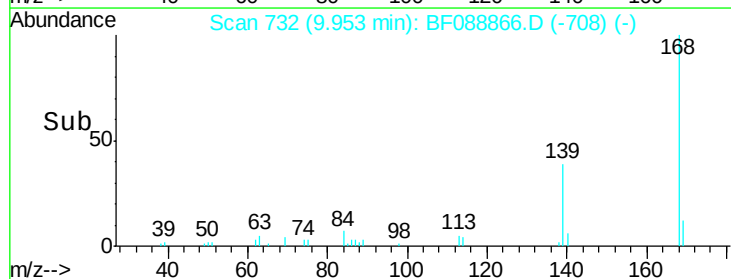
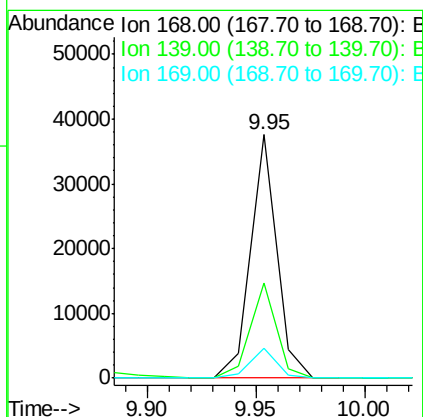
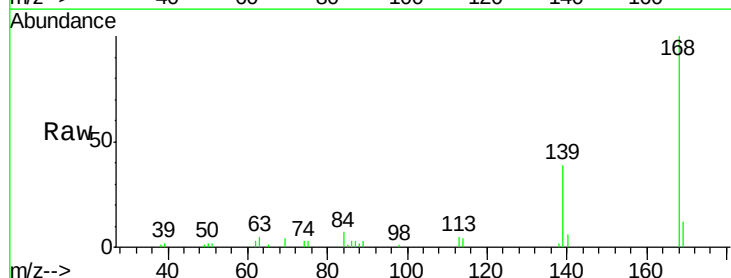
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

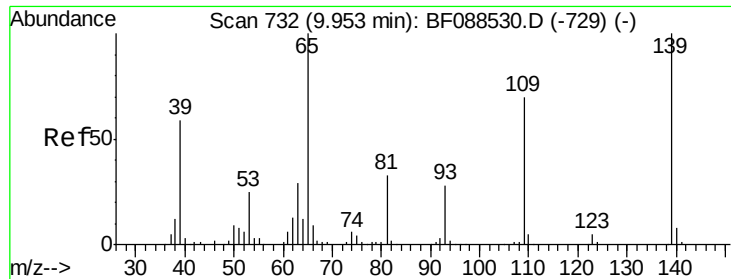
Tgt Ion:184 Resp: 3207
 Ion Ratio Lower Upper
 184 100
 63 97.1 57.6 86.4#
 154 78.0 53.5 80.3



#54
 Dibenzofuran
 Concen: 3.01 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:168 Resp: 31365
 Ion Ratio Lower Upper
 168 100
 139 38.9 26.4 39.6
 169 12.3 10.4 15.6

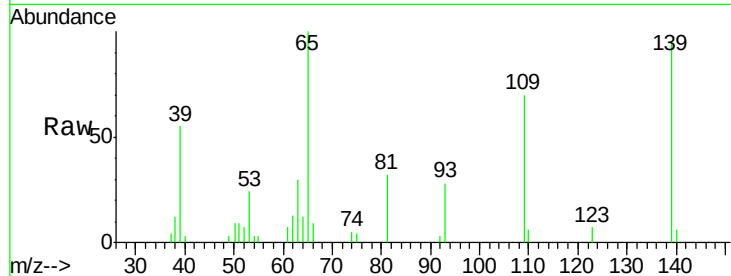




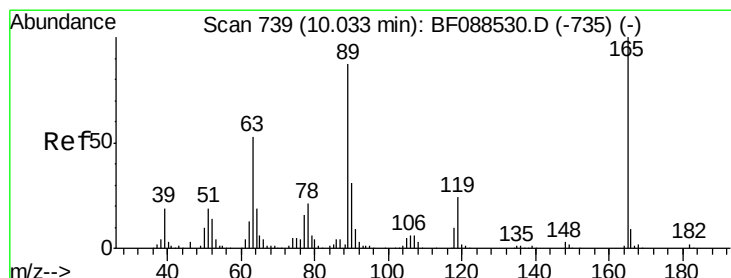
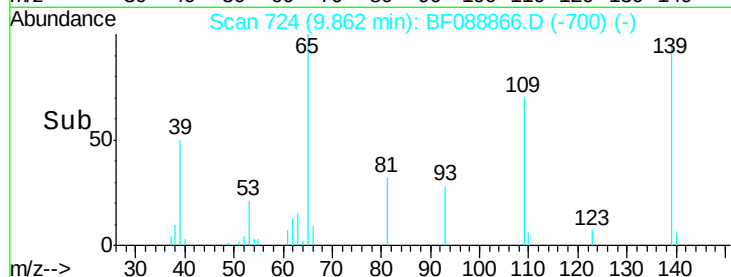
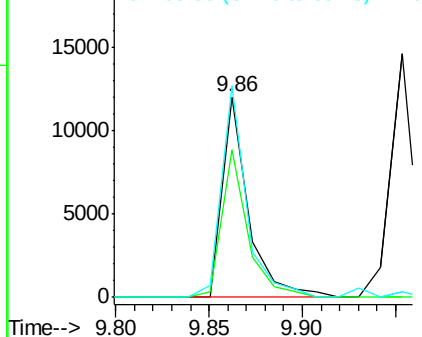
#55
4-Nitrophenol
Concen: 6.14 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:139 Resp: 11754
Ion Ratio Lower Upper
139 100
109 73.8 48.9 88.9
65 105.8 84.9 124.9

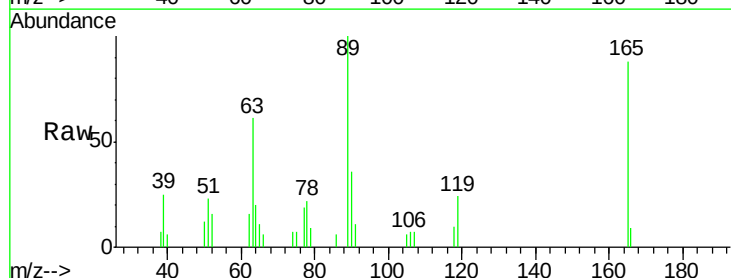


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

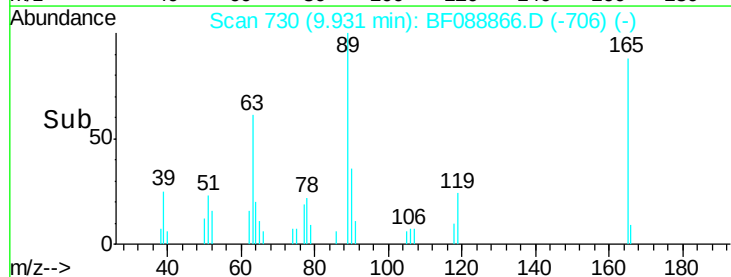
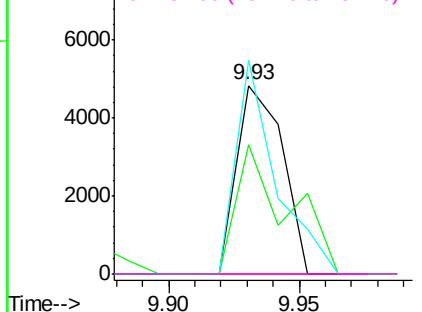


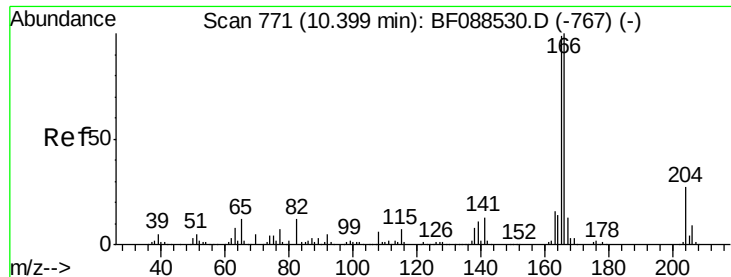
#56
2,4-Dinitrotoluene
Concen: 2.30 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:165 Resp: 5959
Ion Ratio Lower Upper
165 100
63 68.5 22.0 33.0#
89 113.1 41.1 61.7#
182 0.0 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: 3.15 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

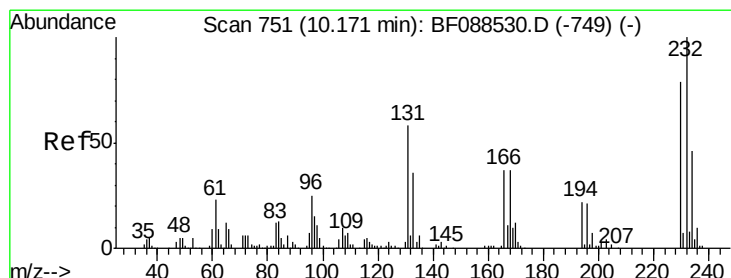
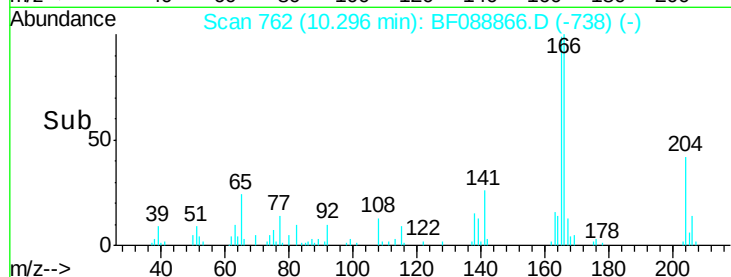
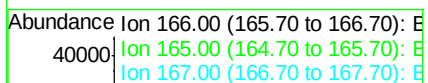
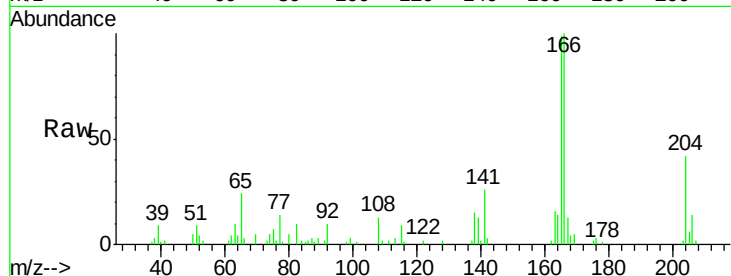
Tgt Ion:166 Resp: 25333

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

167 12.9 11.2 16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.50 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Tgt Ion:232 Resp: 4591

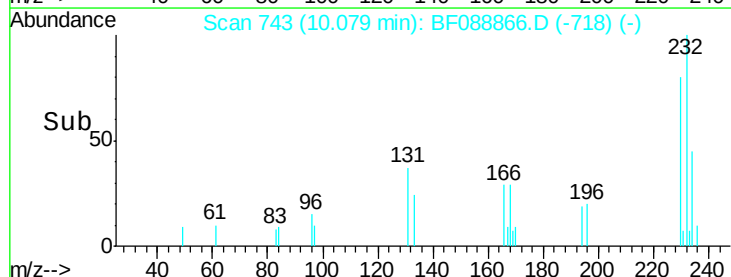
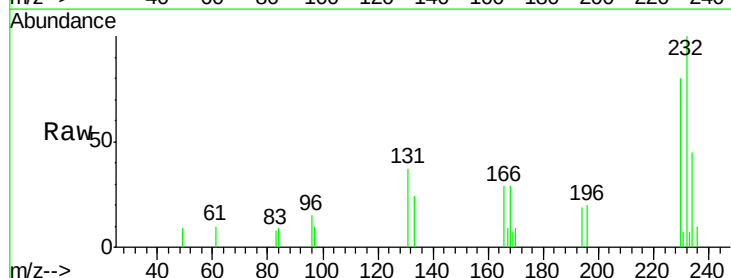
Ion Ratio Lower Upper

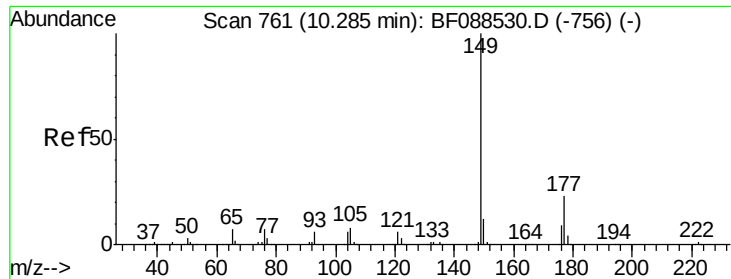
232 100

131 47.8 0.9 1.3#

130 0.0 1.5 2.3#

166 35.5 0.5 0.7#

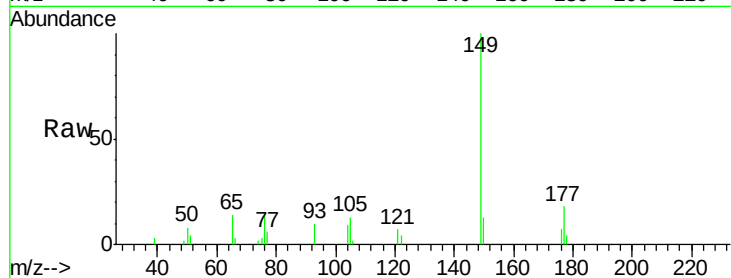




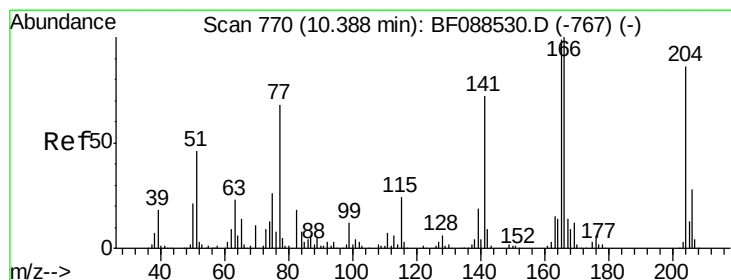
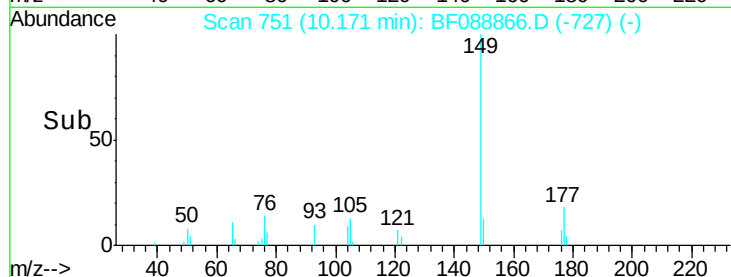
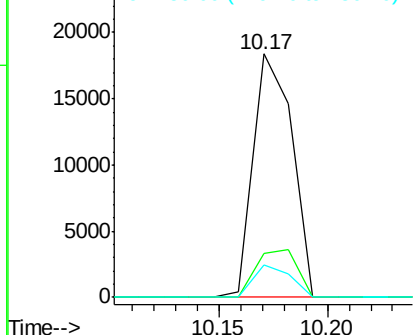
#59
Diethylphthalate
Concen: 2.56 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Instrument :
BNA_F
ClientSampled :
PB91808BS

Tgt Ion:149 Resp: 22967
Ion Ratio Lower Upper
149 100
177 18.2 16.9 25.3
150 13.1 10.1 15.1

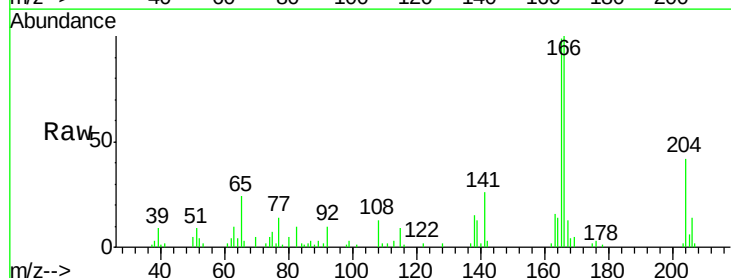


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

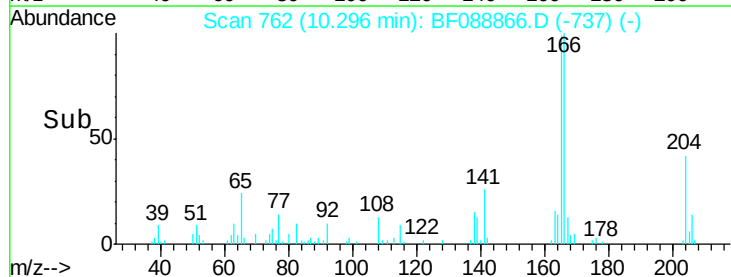
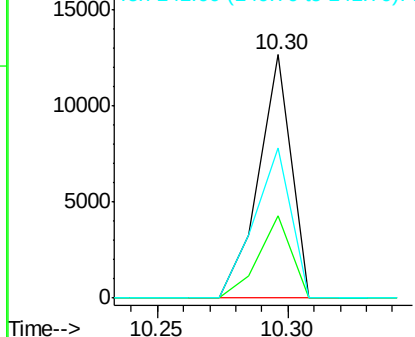


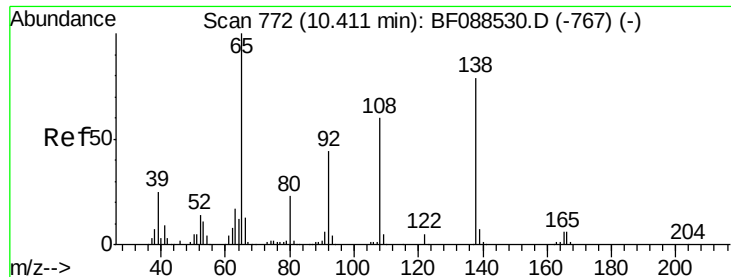
#60
4-Chlorophenyl-phenylether
Concen: 2.93 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:204 Resp: 10942
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 61.9 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

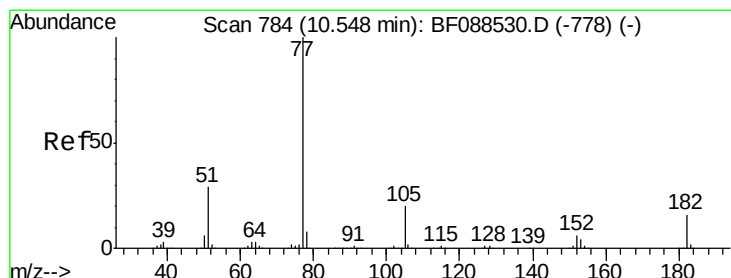
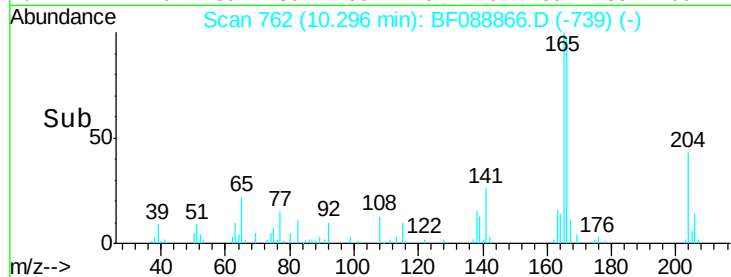
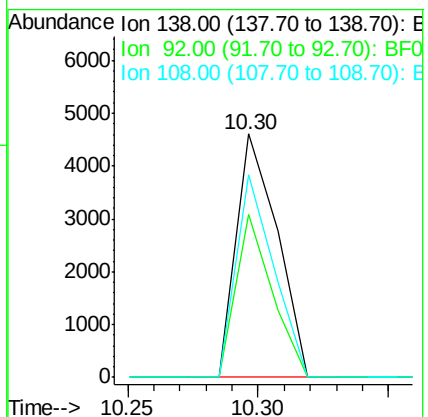
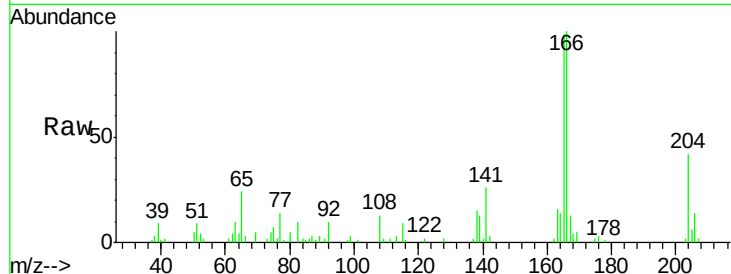




#61
4-Nitroaniline
Concen: 2.09 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.03 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

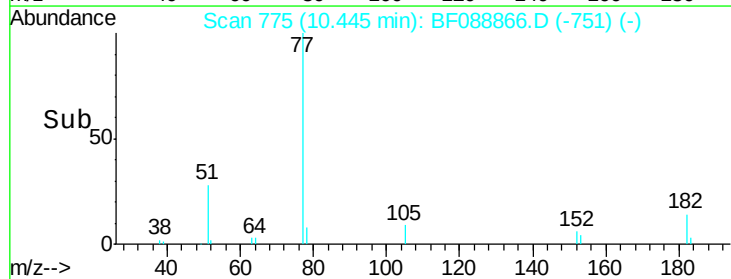
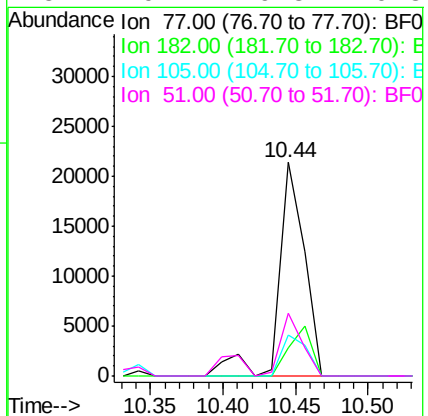
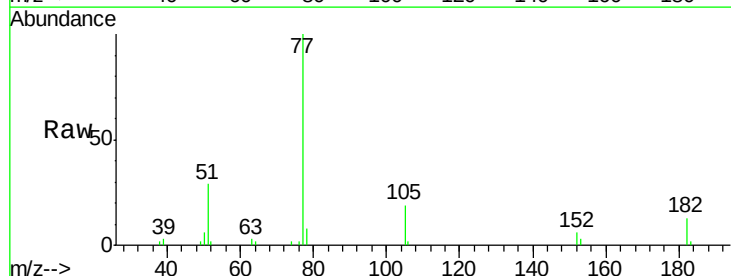
Instrument :
BNA_F
ClientSampleId :
PB91808BS

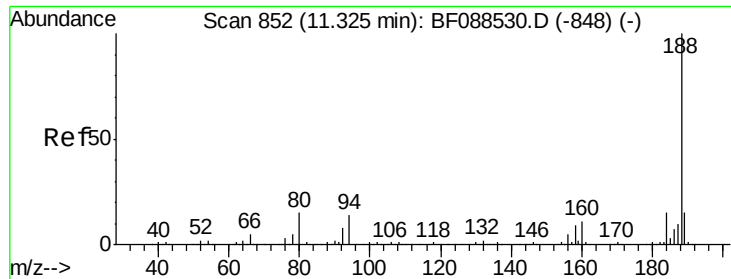
Tgt Ion: 138 Resp: 5060
Ion Ratio Lower Upper
138 100
92 66.8 27.3 67.3
108 83.5 46.7 86.7



#62
Azobenzene
Concen: 2.56 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion: 77 Resp: 26190
Ion Ratio Lower Upper
77 100
182 13.5 4.4 44.4
105 19.5 3.8 43.8
51 29.4 9.3 49.3

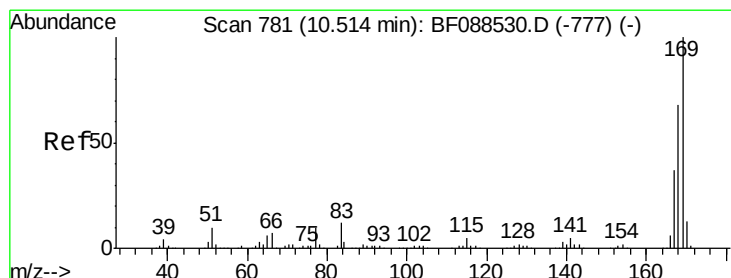
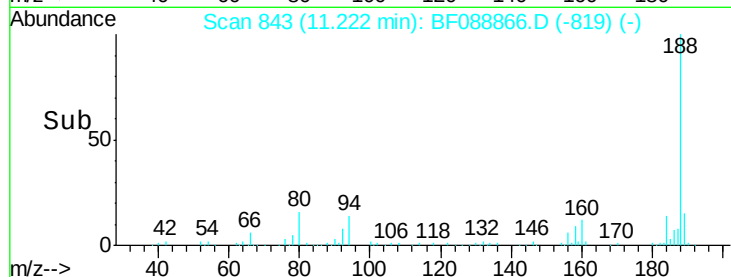
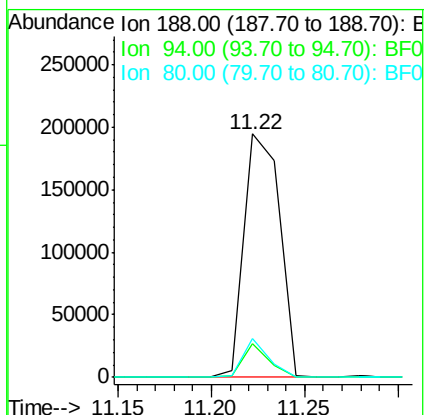
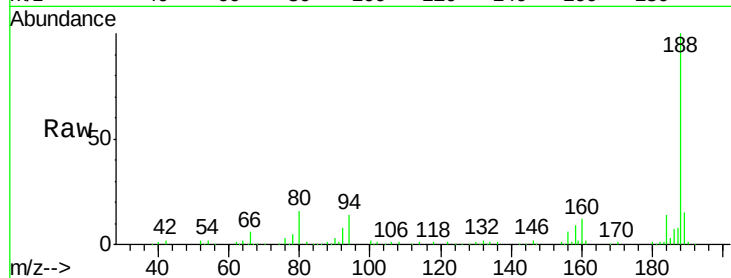




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

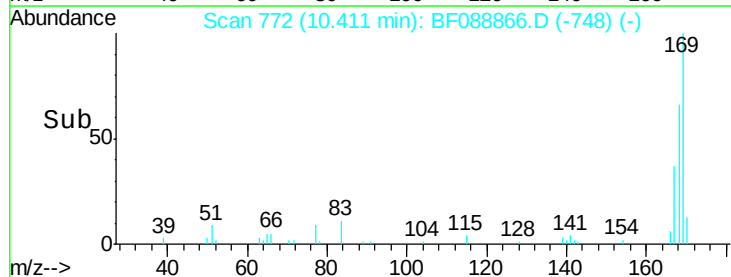
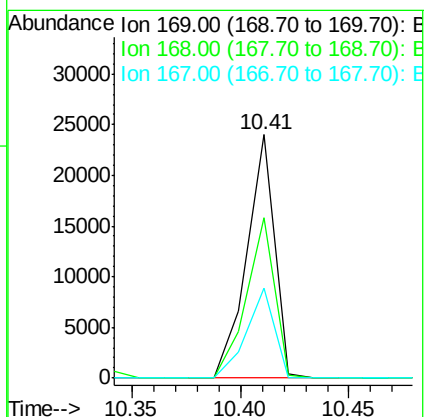
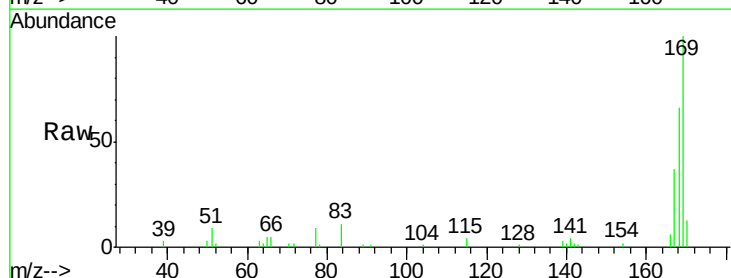
Instrument :
BNA_F
ClientSampleId :
PB91808BS

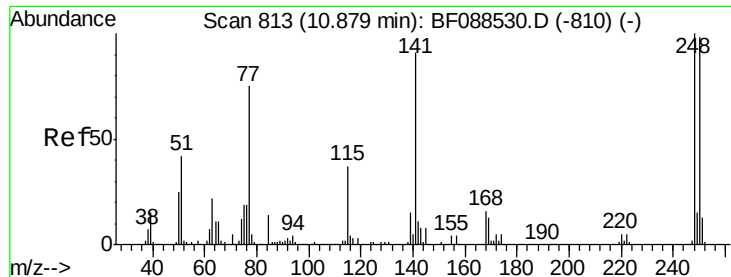
Tgt Ion:188 Resp: 257449
Ion Ratio Lower Upper
188 100
94 13.9 9.0 13.6#
80 16.1 10.0 15.0#



#65
n-Nitrosodiphenylamine
Concen: 2.44 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:169 Resp: 21293
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.9 29.4 44.0

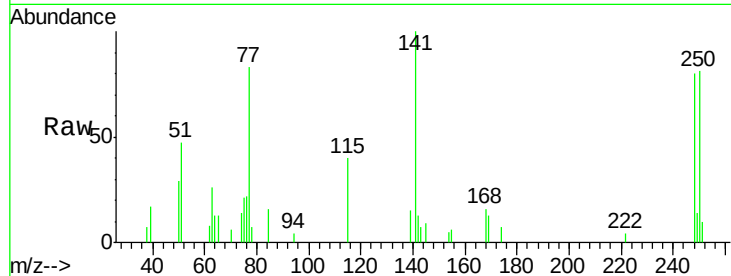




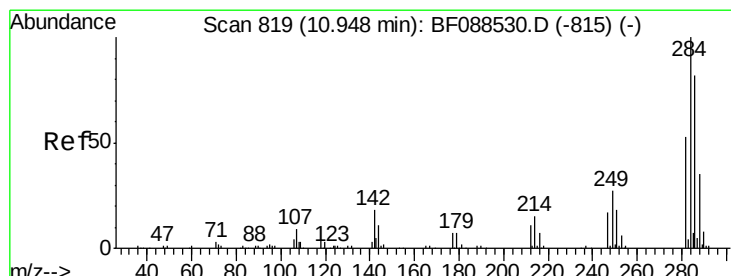
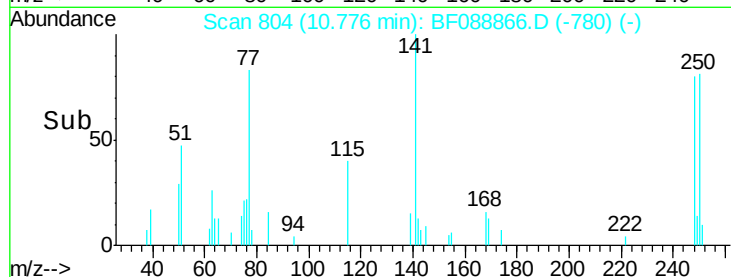
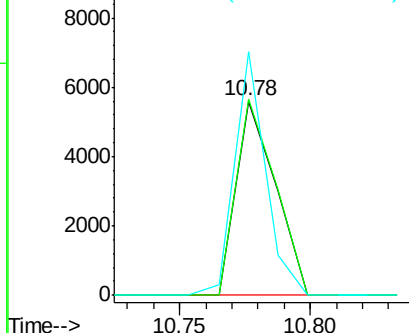
#66
4-Bromophenyl-phenylether
Concen: 2.27 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:248 Resp: 5877
Ion Ratio Lower Upper
248 100
250 101.4 77.1 115.7
141 125.7 50.6 76.0#

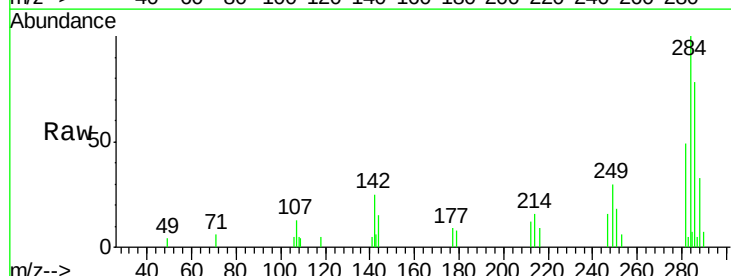


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

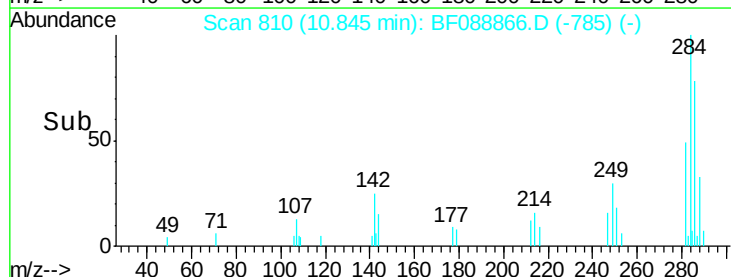
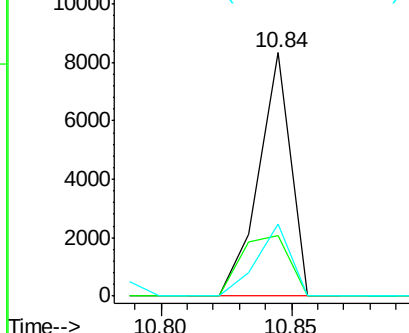


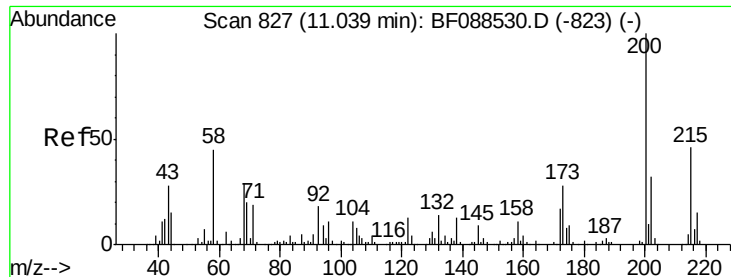
#67
Hexachlorobenzene
Concen: 2.50 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:284 Resp: 7180
Ion Ratio Lower Upper
284 100
142 24.9 35.8 53.8#
249 29.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

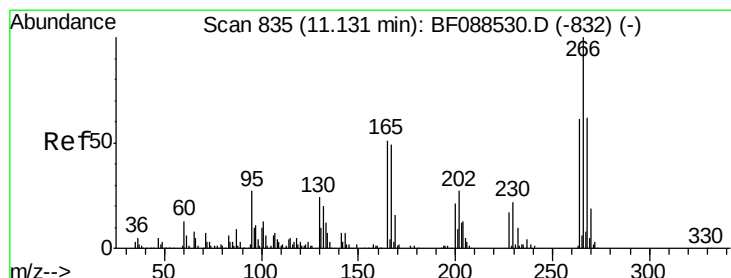
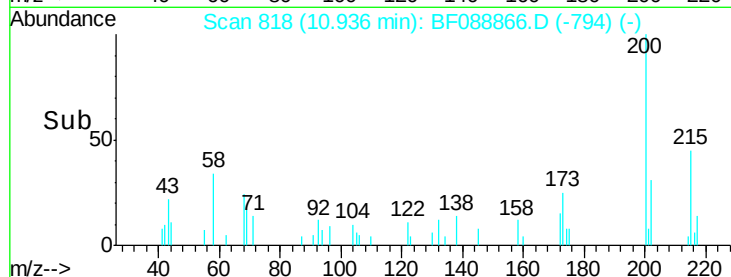
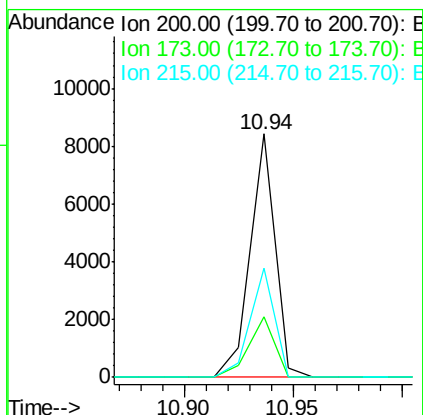
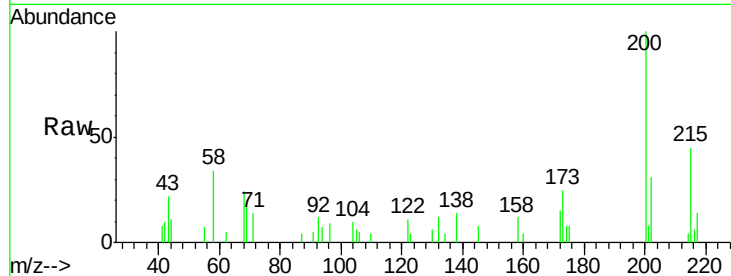




#68
Atrazine
Concen: 2.48 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

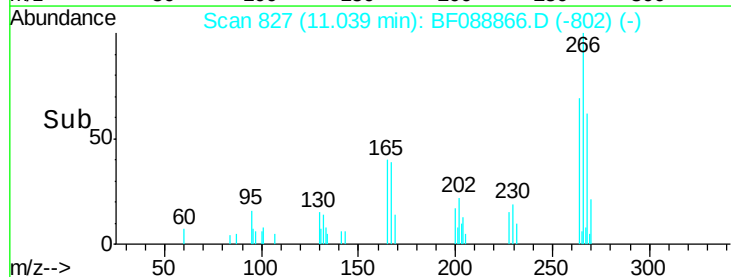
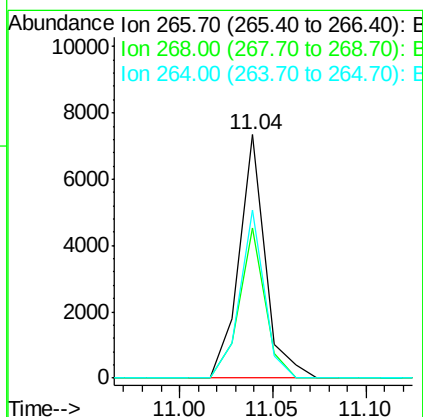
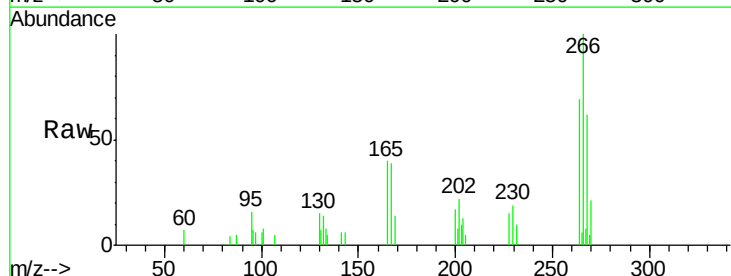
Instrument :
BNA_F
ClientSampleId :
PB91808BS

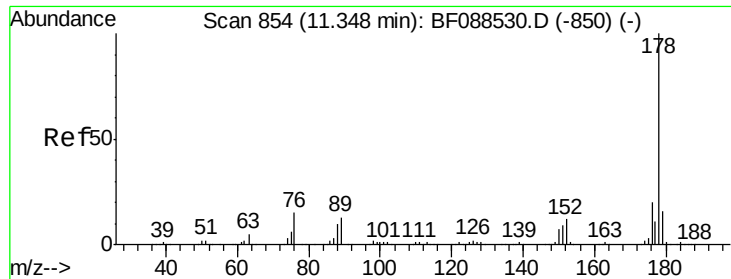
Tgt Ion:200 Resp: 6726
Ion Ratio Lower Upper
200 100
173 24.7 4.0 44.0
215 45.0 29.3 69.3



#69
Pentachlorophenol
Concen: 4.25 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:266 Resp: 7220
Ion Ratio Lower Upper
266 100
268 61.9 52.8 79.2
264 69.0 49.6 74.4

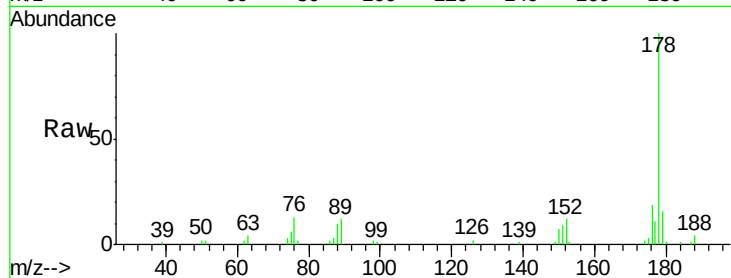




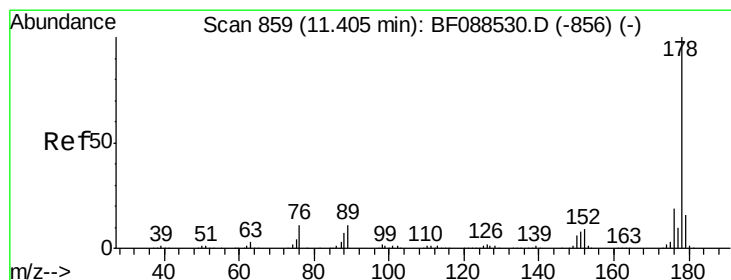
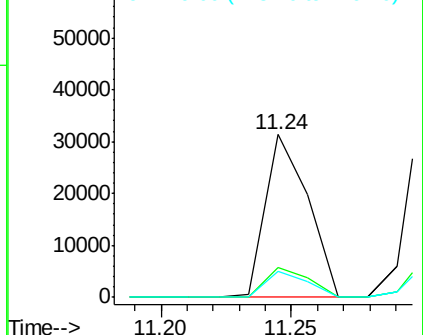
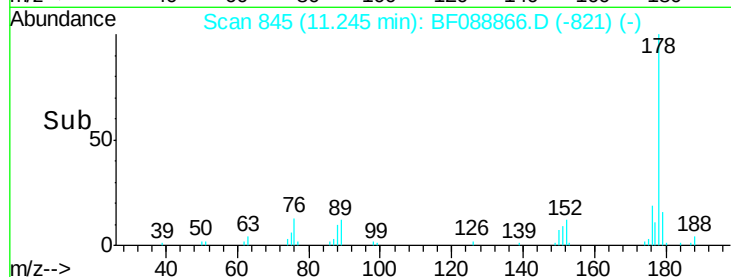
#70
Phenanthrene
Concen: 2.53 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:178 Resp: 35615
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.6
179 15.6 13.0 19.4

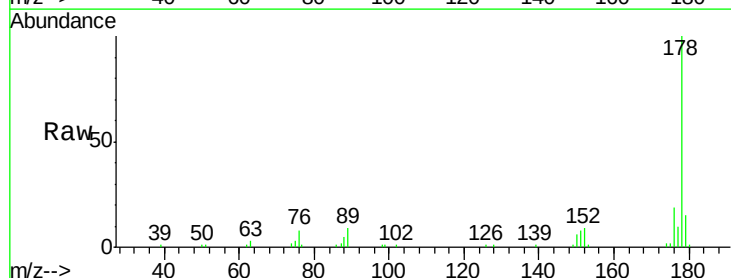


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

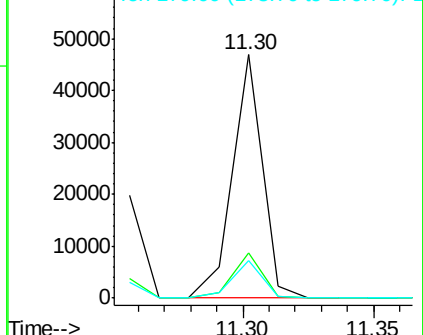
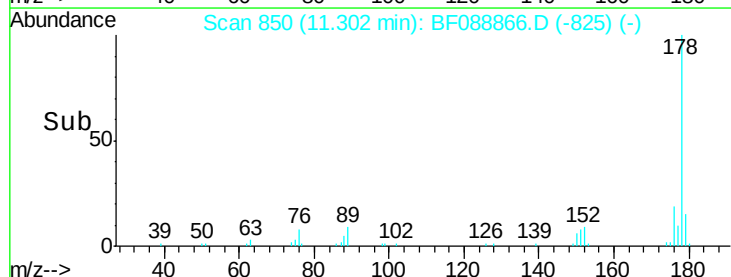


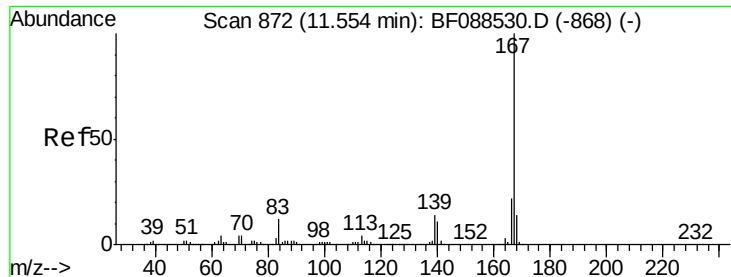
#71
Anthracene
Concen: 2.71 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:178 Resp: 37879
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.2 12.8 19.2



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

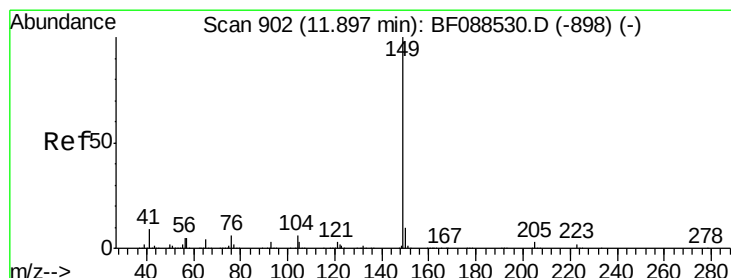
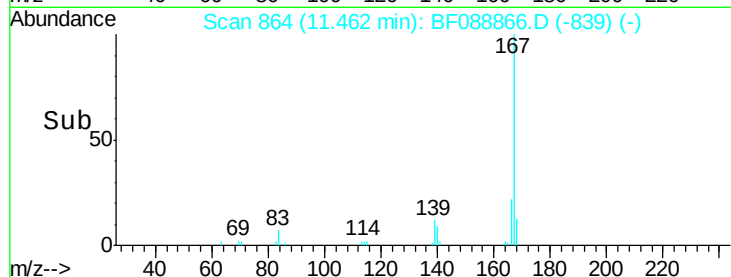
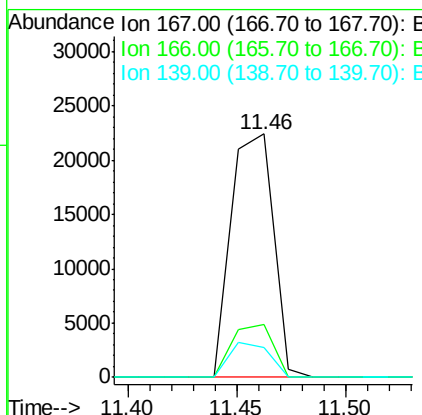
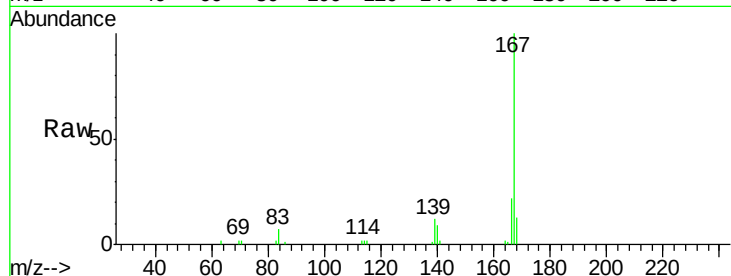




#72
 Carbazole
 Concen: 2.30 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

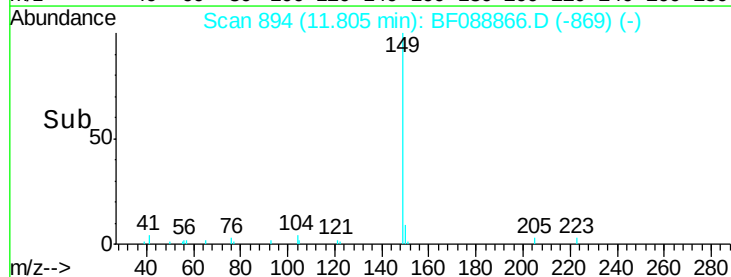
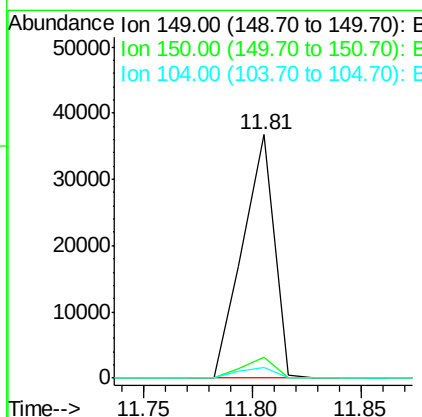
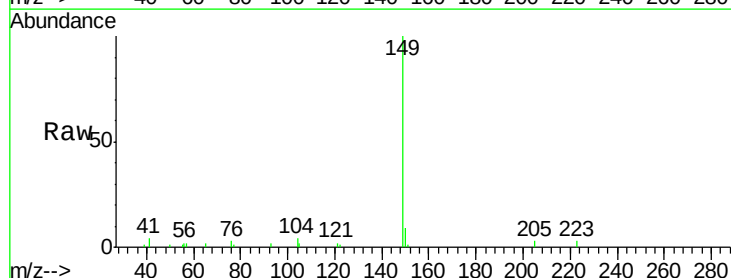
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

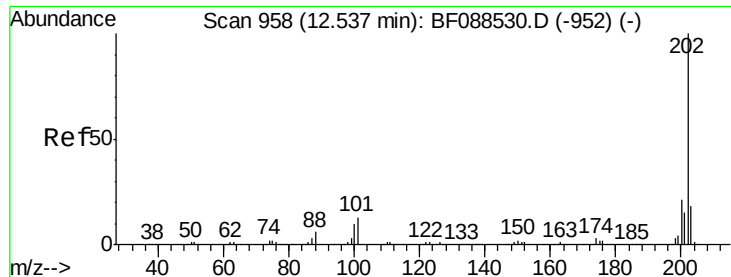
Tgt Ion:167 Resp: 30274
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 12.3 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 2.42 ng
 RT: 11.81 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:149 Resp: 37124
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.8 11.6
 104 4.3 4.0 6.0

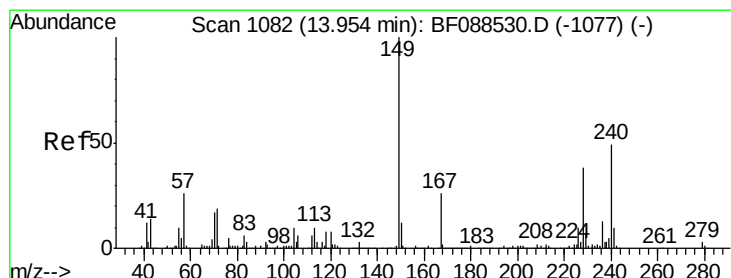
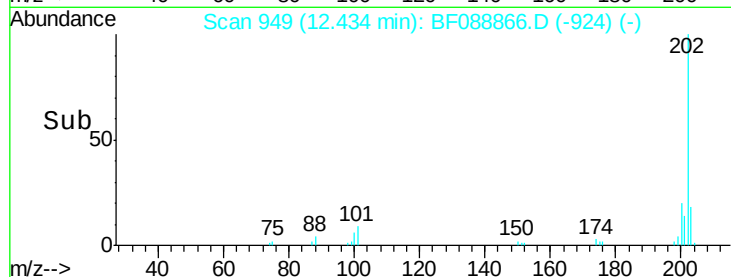
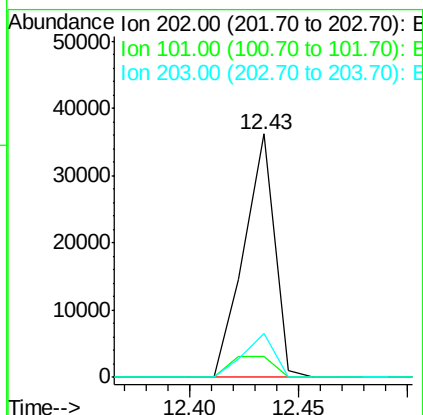
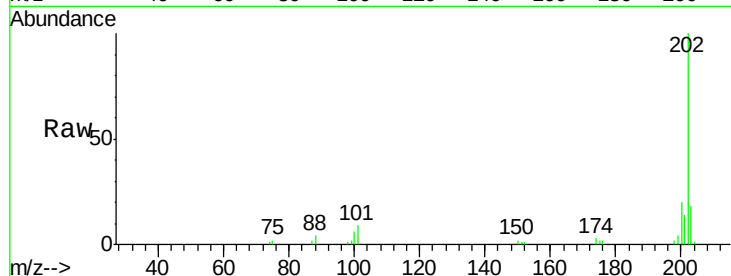




#74
 Fluoranthene
 Concen: 2.49 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

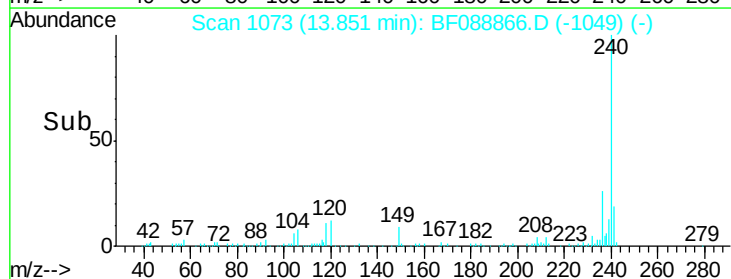
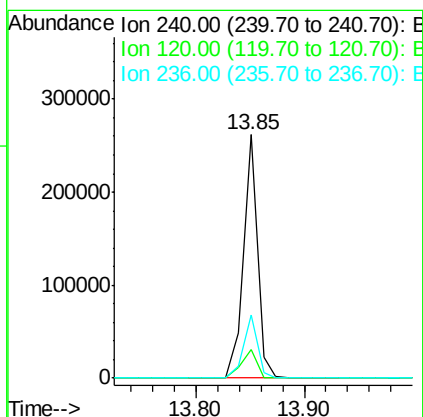
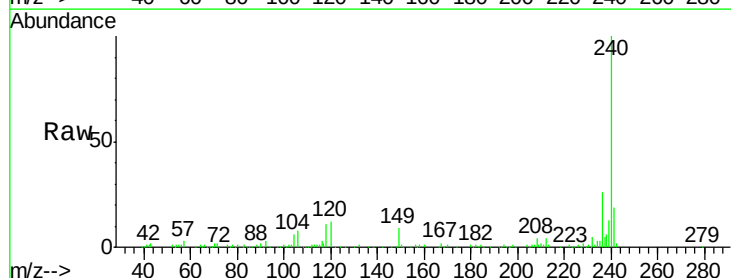
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

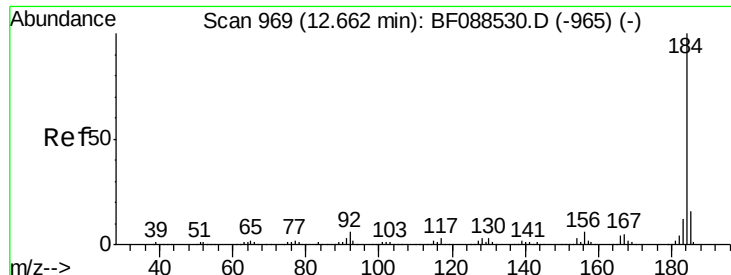
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	33.1
203	17.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	6.8	10.2#
236	26.1	20.2	30.2

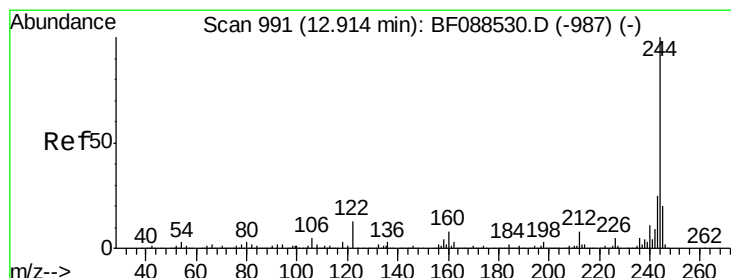
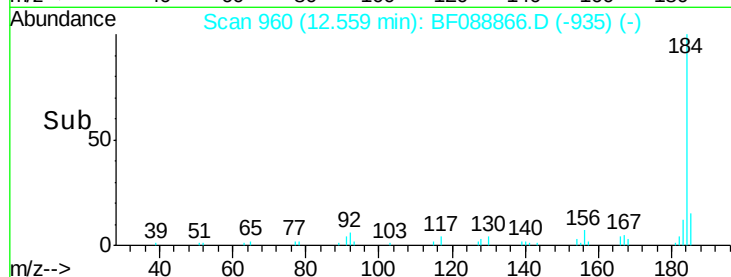
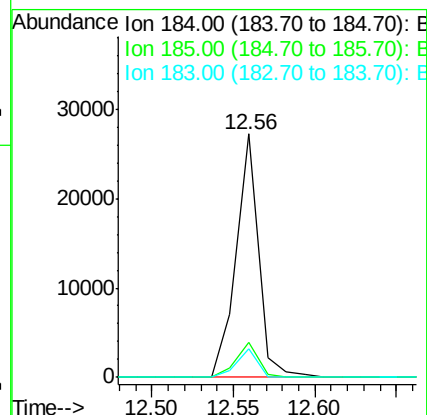
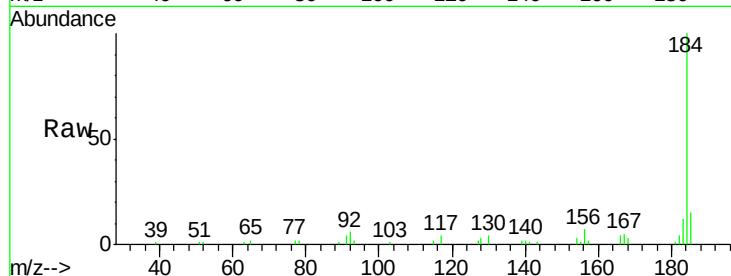




#76
Benzidine
Concen: 2.20 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

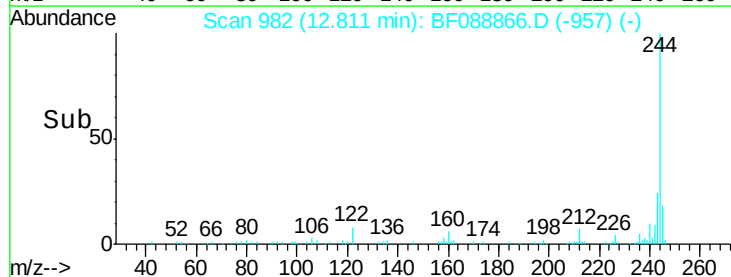
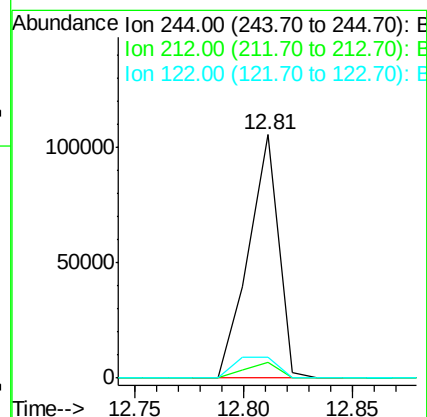
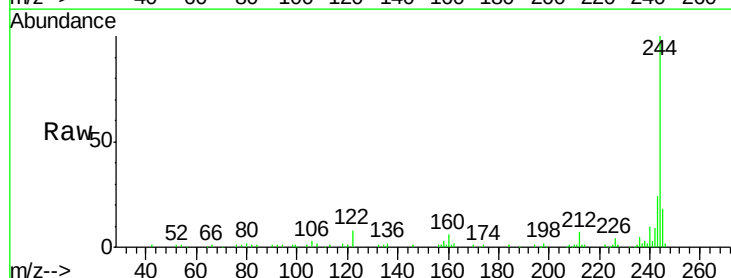
Instrument :
BNA_F
ClientSampleId :
PB91808BS

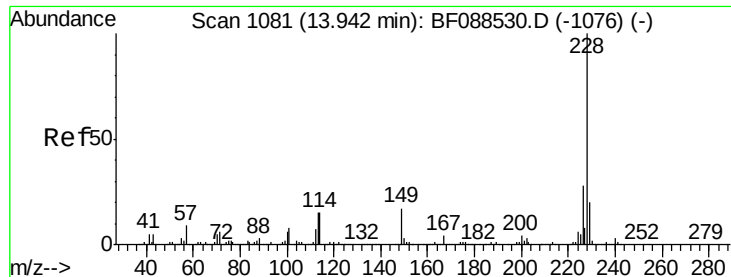
Tgt Ion:184 Resp: 25729
Ion Ratio Lower Upper
184 100
185 14.6 12.5 18.7
183 11.6 9.3 13.9



#78
Terphenyl-d14
Concen: 9.74 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:244 Resp: 101027
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.4 11.2 16.8#





#80

Benzo(a)anthracene

Concen: 2.25 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

Instrument :

BNA_F

ClientSampleId :

PB91808BS

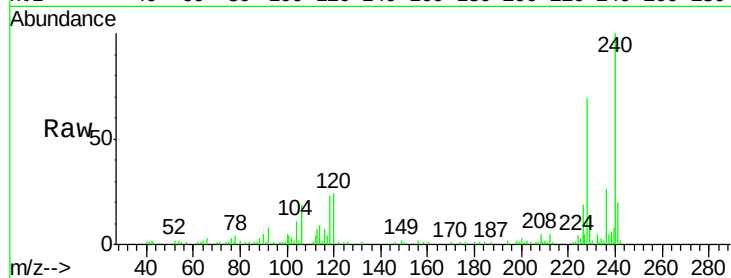
Tgt Ion:228 Resp: 33482

Ion Ratio Lower Upper

228 100

226 26.7 22.3 33.5

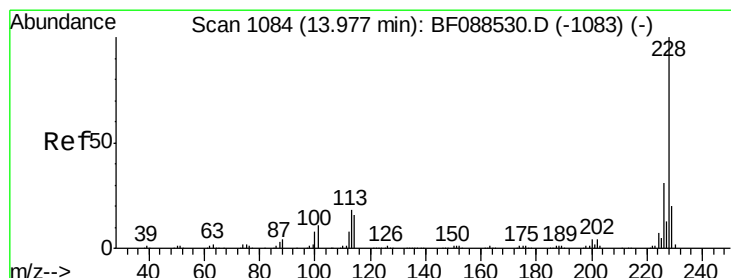
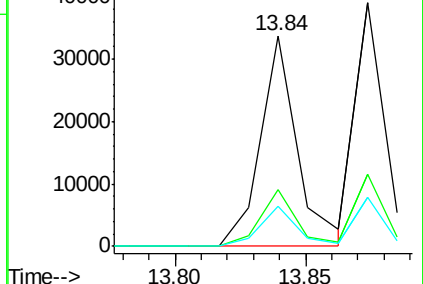
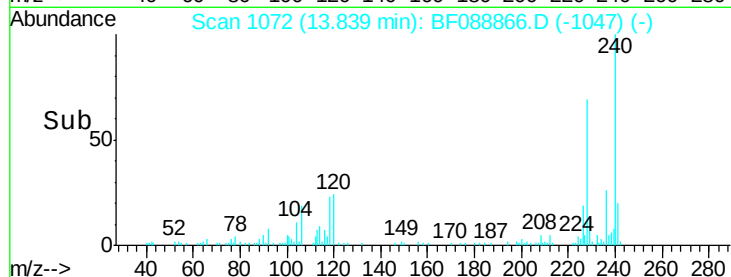
229 18.9 16.0 24.0



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



#82

Chrysene

Concen: 2.08 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF088866.D

Acq: 9 Jul 2016 12:38

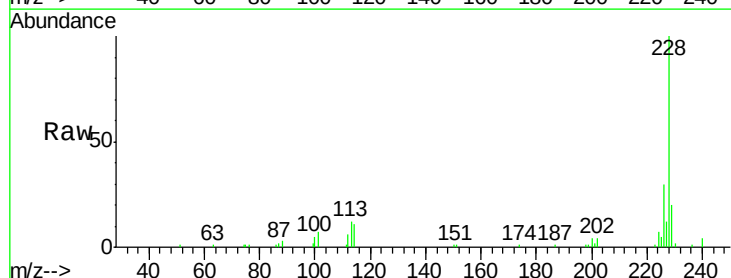
Tgt Ion:228 Resp: 30640

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.2

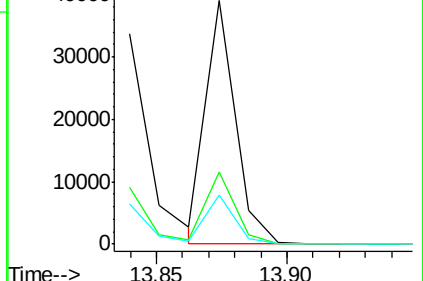
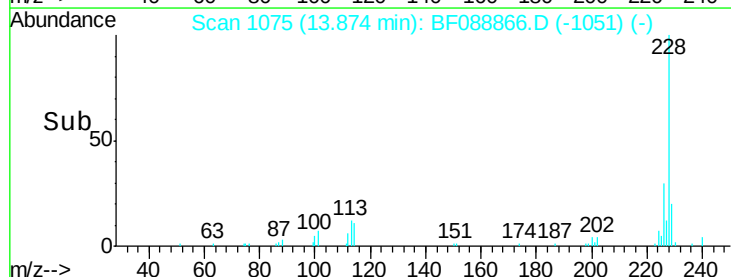
229 19.9 16.3 24.5

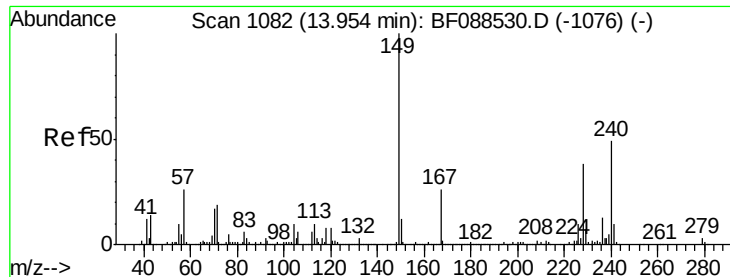


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

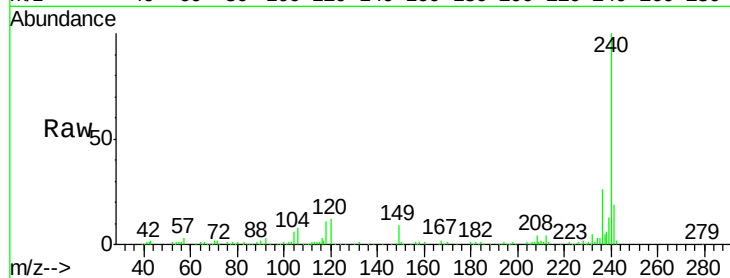




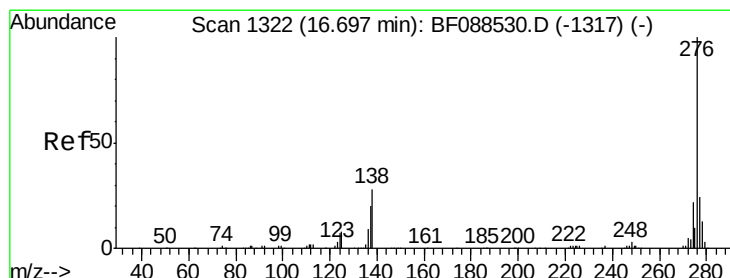
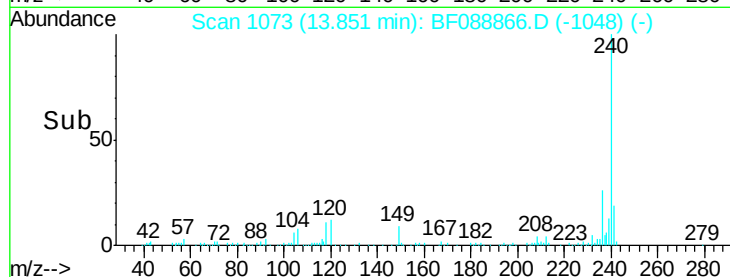
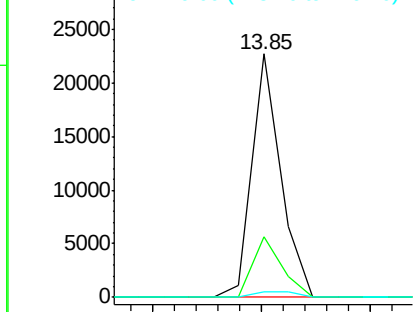
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.10 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:149 Resp: 20898
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.5 30.7
 279 2.1 2.0 3.0

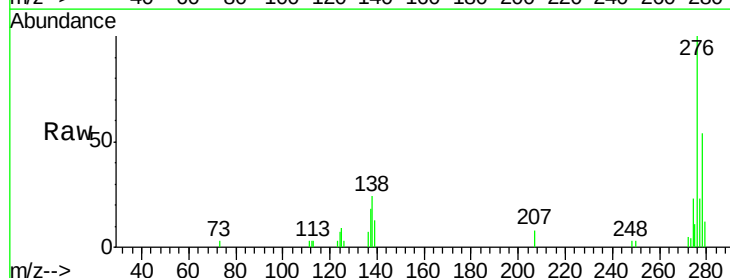


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

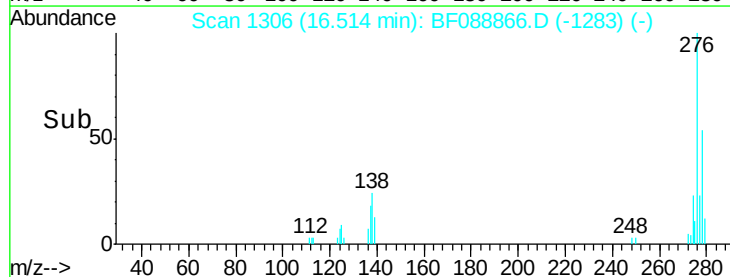
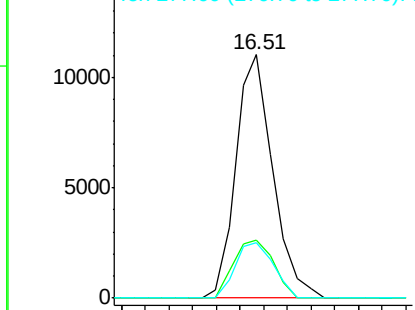


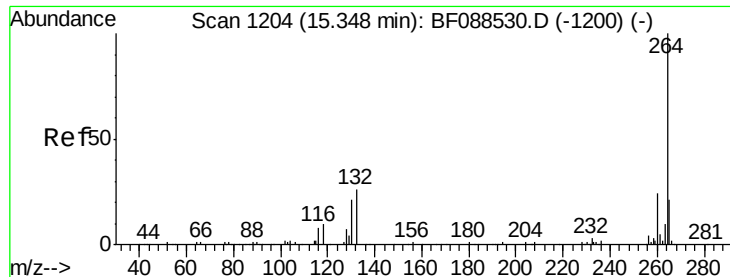
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.11 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF088866.D
 Acq: 9 Jul 2016 12:38

Tgt Ion:276 Resp: 23833
 Ion Ratio Lower Upper
 276 100
 138 25.9 0.0 0.0#
 277 23.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



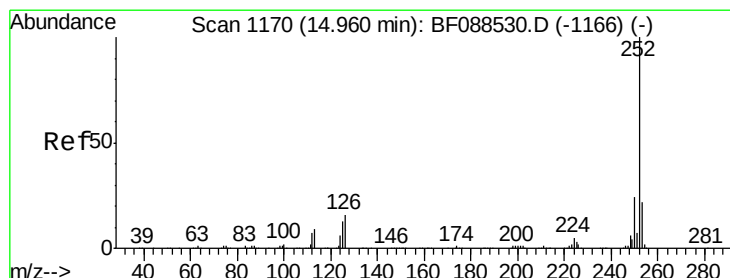
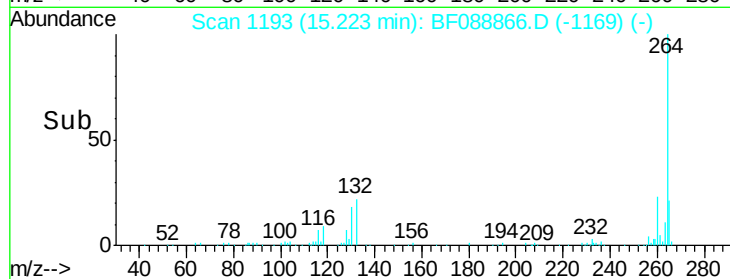
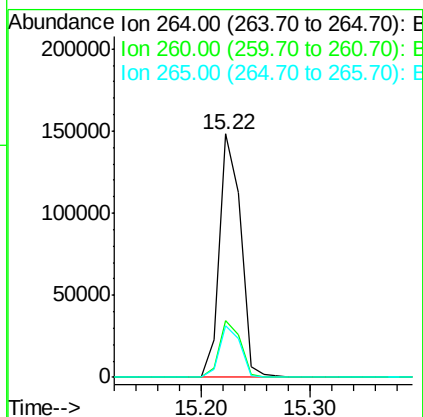
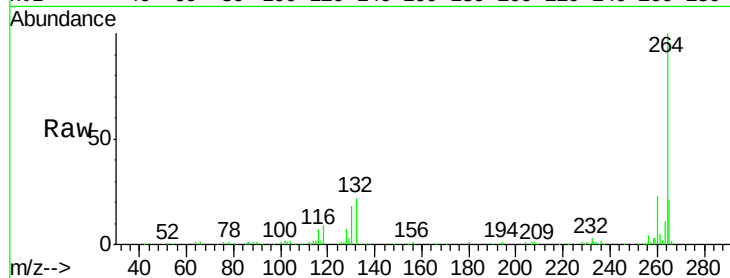


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion: 264 Resp: 201344

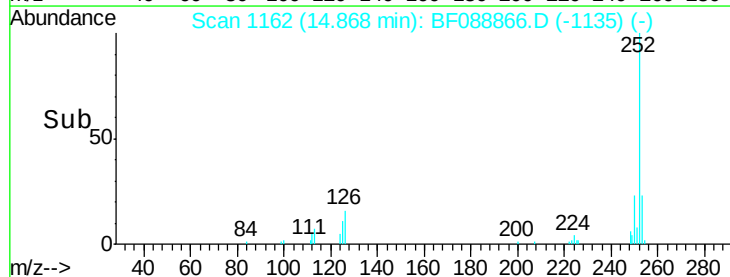
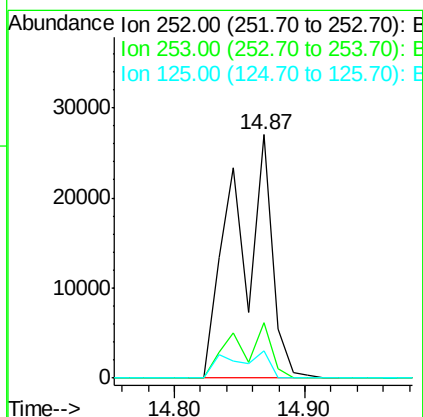
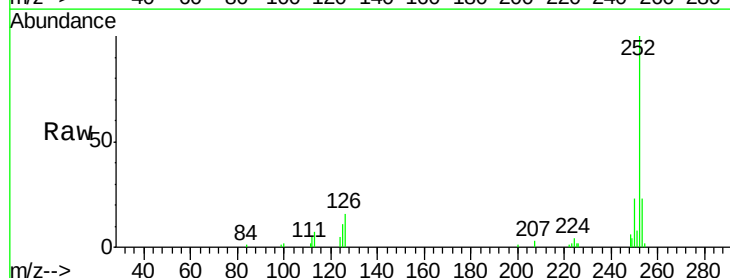
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	16.9	25.3

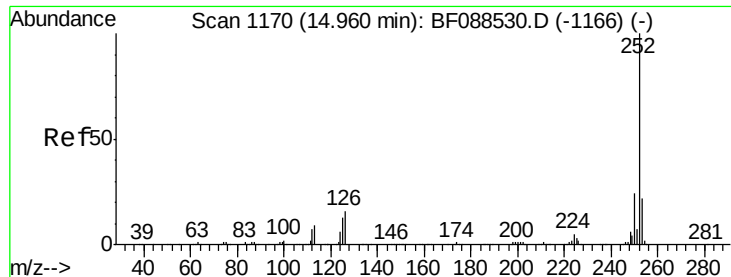


#87
Benzo(b)fluoranthene
Concen: 4.21 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion: 252 Resp: 53186

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.0	7.1	10.7

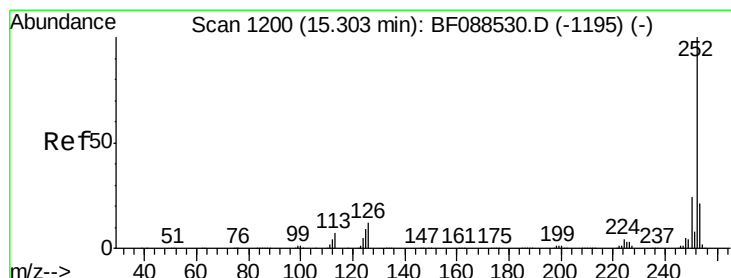
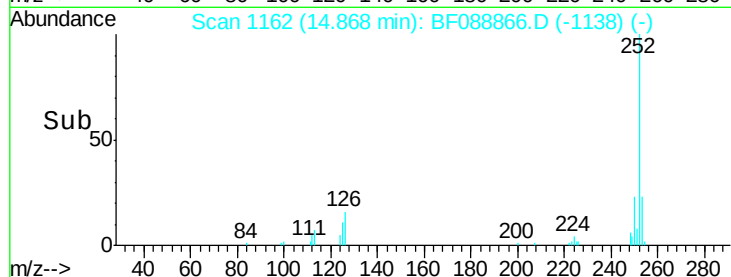
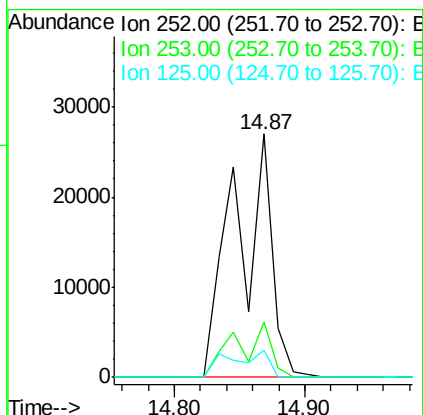
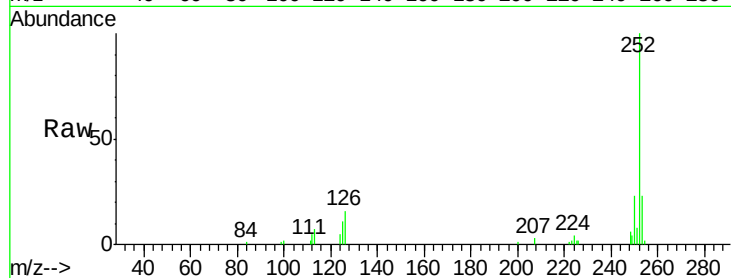




#88
Benzo(k)fluoranthene
Concen: 4.84 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

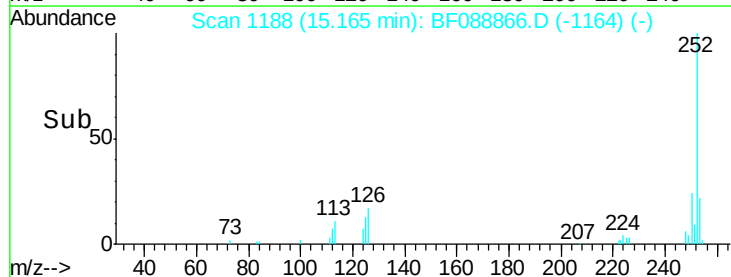
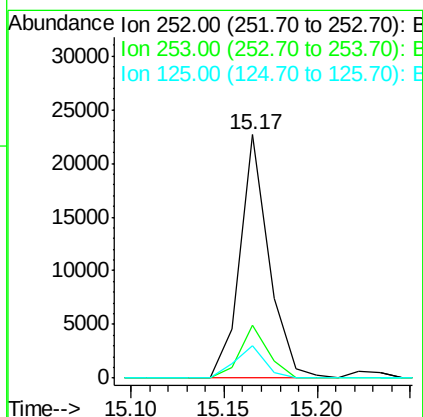
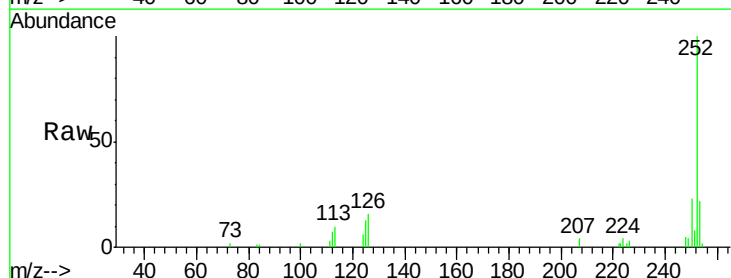
Instrument :
BNA_F
ClientSampleId :
PB91808BS

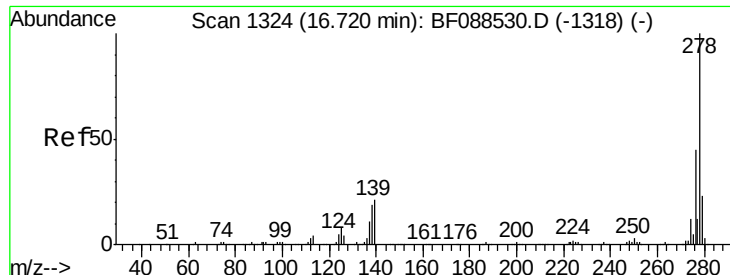
Tgt Ion: 252 Resp: 53186
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.0 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 2.30 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion: 252 Resp: 24558
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 13.1 12.5 18.7



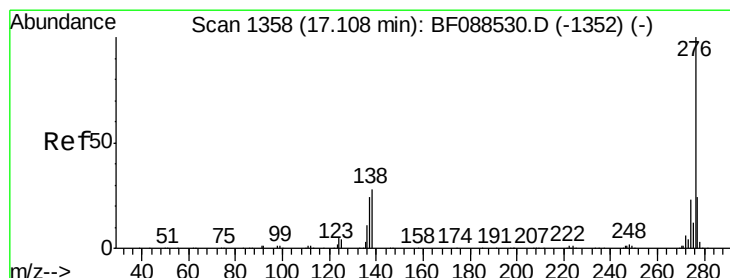
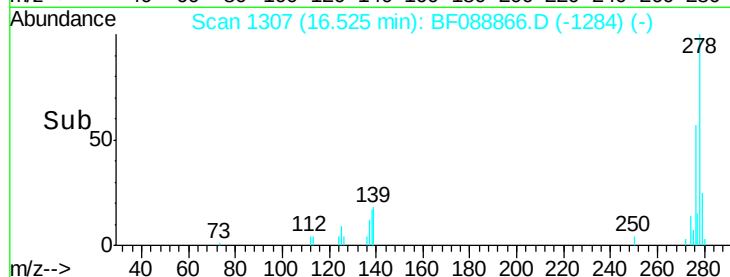
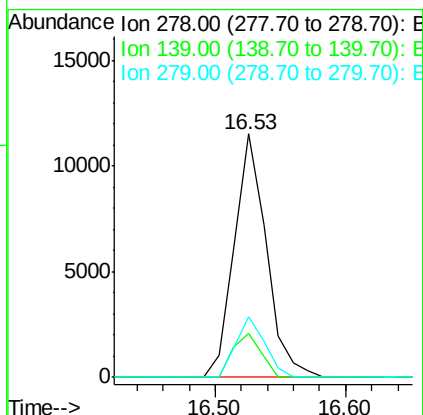
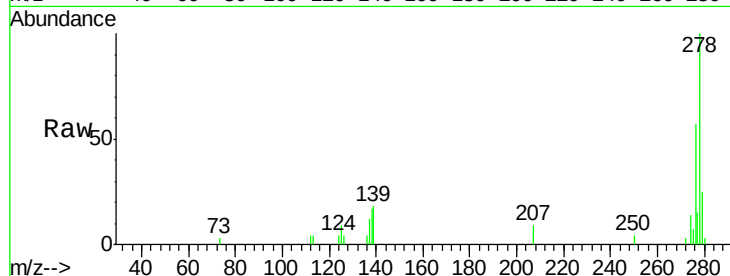


#90
Dibenzo(a,h)anthracene
Concen: 2.21 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:278 Resp: 19711

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.7	23.5
279	25.1	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 2.08 ng
RT: 16.89 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF088866.D
Acq: 9 Jul 2016 12:38

Tgt Ion:276 Resp: 19241

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	27.0	21.4	32.2

