

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088056.D
 Acq On : 16 Jun 2016 1:59
 Operator : UM/SJ
 Sample : PB91233BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

Quant Time: Jun 16 03:12:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105221	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	435481	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	182556	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	303693	20.00	ng	-0.05
75) Chrysene-d12	13.90	240	209305	20.00	ng	-0.06
86) Perylene-d12	15.29	264	214355	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	646755	105.08	ng	-0.03
7) Phenol-d6	6.39	99	749475	100.48	ng	-0.05
23) Nitrobenzene-d5	7.31	82	462031	61.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	150707	78.18	ng	-0.06
44) 2-Fluorobiphenyl	9.11	172	870583	74.21	ng	-0.06
78) Terphenyl-d14	12.85	244	554620	60.30	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	87365	29.21	ng	# 26
3) Pyridine	3.04	79	259052	36.69	ng	98
4) n-Nitrosodimethylamine	2.99	42	93420	31.24	ng	79
6) Aniline	6.41	93	203542	19.17	ng	# 68
8) 2-Chlorophenol	6.52	128	245613	33.71	ng	99
10) Phenol	6.40	94	244912	31.03	ng	# 65
11) bis(2-Chloroethyl)ether	6.48	93	226972	34.70	ng	95
12) 1,3-Dichlorobenzene	6.91	146	254662	32.58	ng	97
13) 1,4-Dichlorobenzene	6.76	146	270257	34.32	ng	94
14) 1,2-Dichlorobenzene	6.76	146	270257	37.74	ng	98
15) Benzyl Alcohol	6.89	79	170295	29.18	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	280537	31.75	ng	89
17) 2-Methylphenol	7.02	107	209408	35.44	ng	97
18) Hexachloroethane	7.26	117	98341	35.20	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	149308	31.29	ng	90
20) 3+4-Methylphenols	7.16	107	244480	35.47	ng	90
22) Acetophenone	7.15	105	328382	33.74	ng	# 95
24) Nitrobenzene	7.34	77	252312	34.93	ng	92
25) Isophorone	7.58	82	454405	32.90	ng	97
26) 2-Nitrophenol	7.64	139	128440	33.19	ng	94
27) 2,4-Dimethylphenol	7.70	122	241745	33.93	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	302724	35.33	ng	99
29) 2,4-Dichlorophenol	7.90	162	211912	35.62	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	220539	34.05	ng	99
31) Naphthalene	8.06	128	749021	34.76	ng	99
32) Benzoic acid	7.84	122	131693	33.57	ng	94
33) 4-Chloroaniline	8.11	127	93740	9.74	ng	# 92
34) Hexachlorobutadiene	8.17	225	105569	30.90	ng	99
35) Caprolactam	8.48	113	52036	26.41	ng	# 77
36) 4-Chloro-3-methylphenol	8.60	107	221811	34.87	ng	90
37) 2-Methylnaphthalene	8.74	142	441332	31.07	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	201569	41.25	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	75771	25.73	ng	97
42) 2,4,6-Trichlorophenol	9.03	196	131751	36.09	ng	98

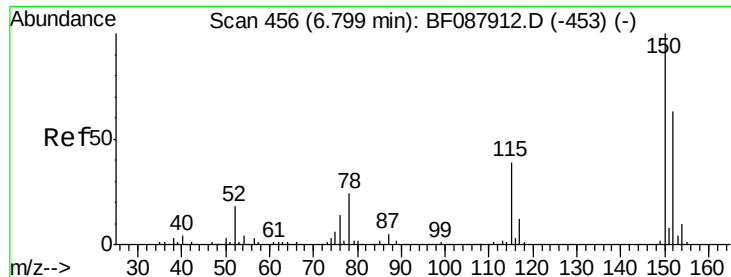
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	132925	35.00	ng	# 93
45) 1,1'-Biphenyl	9.21	154	552870	39.60	ng	98
46) 2-Chloronaphthalene	9.23	162	432711	36.63	ng	98
47) 2-Nitroaniline	9.34	65	128109	36.76	ng	# 63
48) Acenaphthylene	9.64	152	640719	34.10	ng	100
49) Dimethylphthalate	9.52	163	529163	40.02	ng	99
50) 2,6-Dinitrotoluene	9.58	165	110900	36.62	ng	# 77
51) Acenaphthene	9.82	154	371213	31.67	ng	98
52) 3-Nitroaniline	9.74	138	58774	16.82	ng	95
53) 2,4-Dinitrophenol	9.85	184	72948	49.25	ng	98
54) Dibenzofuran	9.99	168	543764	33.68	ng	# 91
55) 4-Nitrophenol	9.92	139	167577	61.78	ng	# 80
56) 2,4-Dinitrotoluene	9.98	165	125888	32.34	ng	# 56
57) Fluorene	10.33	166	418183	37.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	106467	35.67	ng	# 58
59) Diethylphthalate	10.22	149	516584	38.59	ng	99
60) 4-Chlorophenyl-phenylether	10.33	204	182751	34.04	ng	# 84
61) 4-Nitroaniline	10.35	138	94280	28.44	ng	98
62) Azobenzene	10.48	77	452473	34.18	ng	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	62078	33.43	ng	# 69
65) n-Nitrosodiphenylamine	10.44	169	381358	37.84	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	115633	35.49	ng	# 85
67) Hexachlorobenzene	10.88	284	124536	36.79	ng	# 81
68) Atrazine	10.97	200	108989	35.72	ng	91
69) Pentachlorophenol	11.07	266	112897	63.27	ng	97
70) Phenanthrene	11.29	178	608230	38.17	ng	99
71) Anthracene	11.34	178	551658	34.32	ng	99
72) Carbazole	11.50	167	550416	36.59	ng	99
73) Di-n-butylphthalate	11.83	149	671574	35.27	ng	100
74) Fluoranthene	12.47	202	484027	28.78	ng	98
76) Benzidine	12.59	184	258315	44.57	ng	99
77) Pyrene	12.70	202	498249	32.08	ng	99
79) Butylbenzylphthalate	13.33	149	256669	37.38	ng	97
80) Benzo(a)anthracene	13.89	228	422255	35.40	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	119395	37.22	ng	# 98
82) Chrysene	13.92	228	388539	34.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	298196	35.67	ng	100
84) Di-n-octyl phthalate	14.49	149	561196	41.32	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	404836	38.83	ng	# 100
87) Benzo(b)fluoranthene	14.93	252	863921	57.82	ng	# 95
88) Benzo(k)fluoranthene	14.93	252	864161	76.68	ng	100
89) Benzo(a)pyrene	15.23	252	421084	34.84	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	341858	30.45	ng	99
91) Benzo(g,h,i)perylene	17.03	276	324625	28.11	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.05 min

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PB91233BS

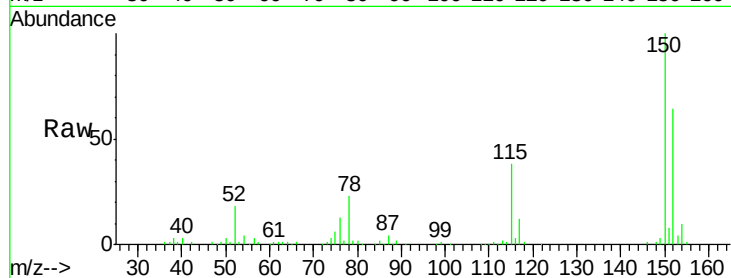
Tgt Ion:152 Resp: 105221

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

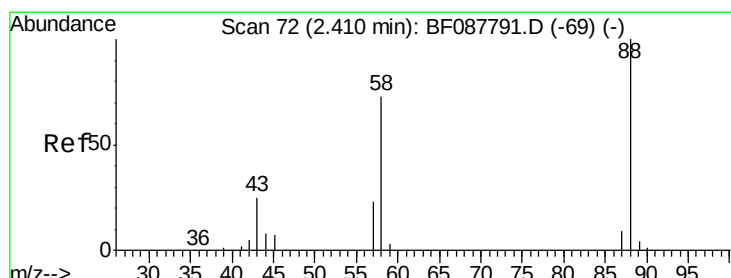
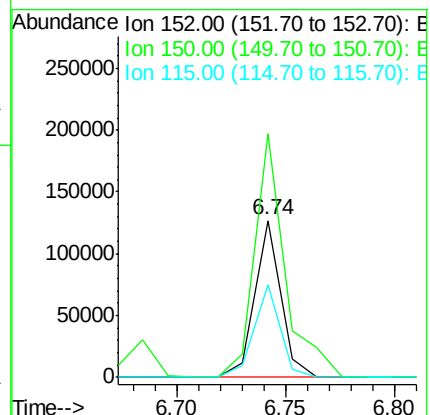
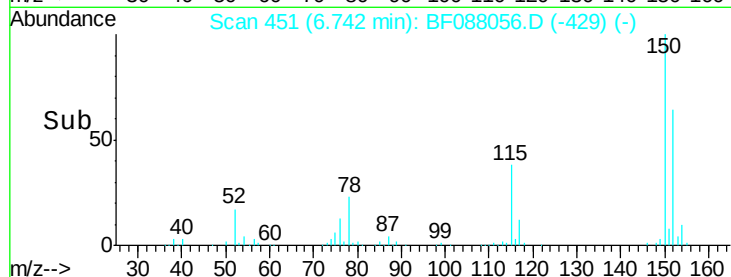
115 58.7 39.6 59.4



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: 29.21 ng

RT: 2.36 min Scan# 68

Delta R.T. 0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

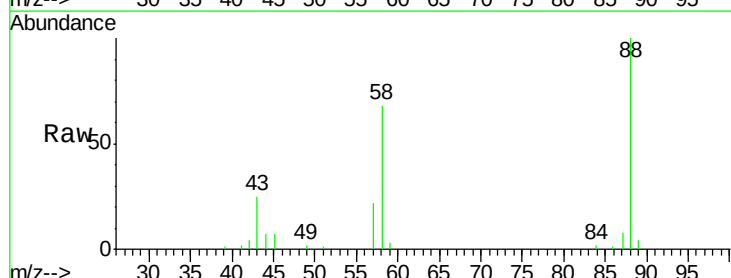
Tgt Ion: 88 Resp: 87365

Ion Ratio Lower Upper

88 100

58 75.9 0.0 0.0#

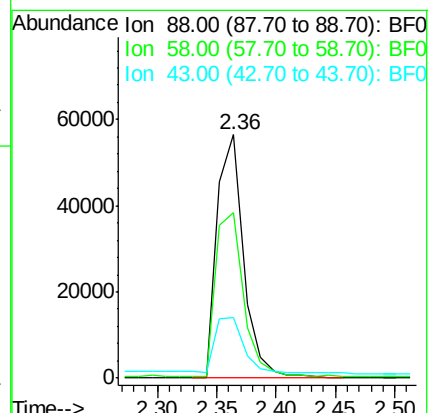
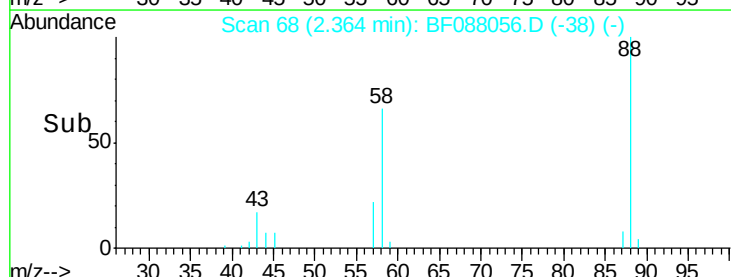
43 28.6 3.4 5.2#

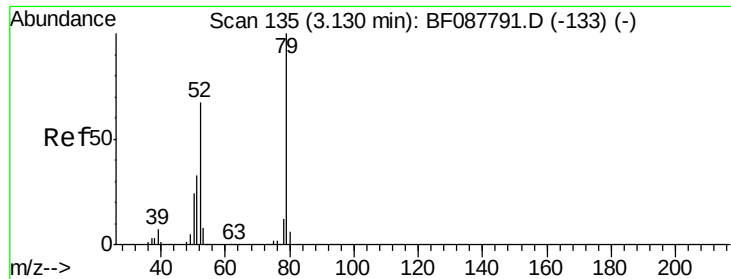


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.69 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.01 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

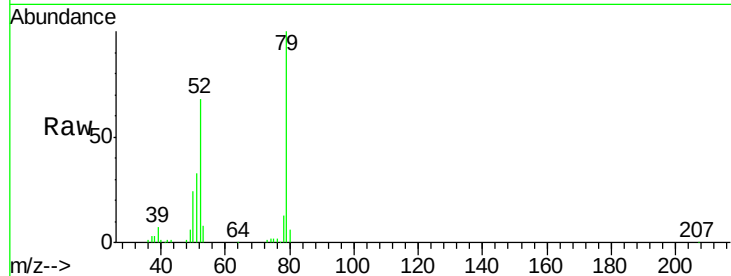
Tgt Ion: 79 Resp: 259052

Ion Ratio Lower Upper

79 100

52 68.3 56.3 84.5

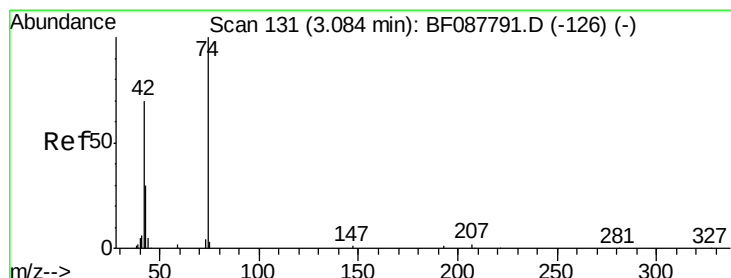
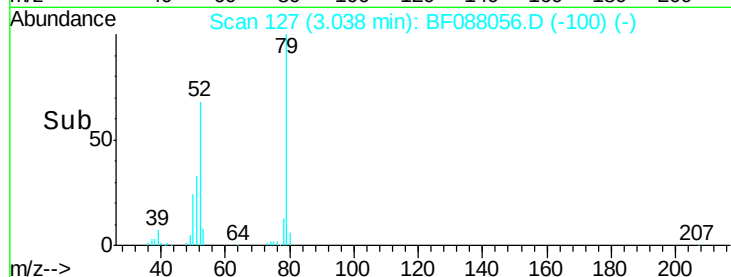
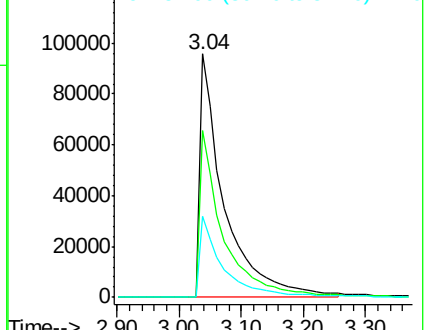
51 33.1 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.24 ng

RT: 2.99 min Scan# 123

Delta R.T. 0.02 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

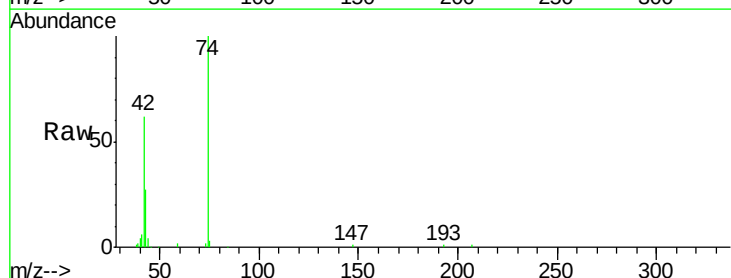
Tgt Ion: 42 Resp: 93420

Ion Ratio Lower Upper

42 100

74 161.9 108.6 163.0

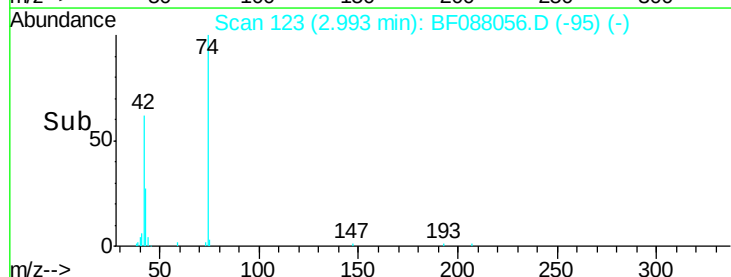
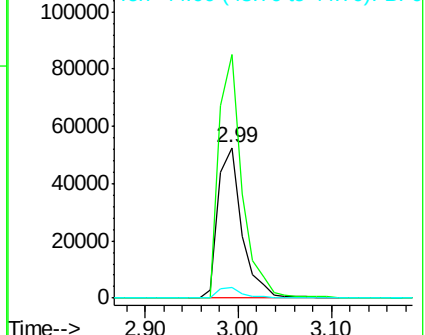
44 7.2 5.5 8.3

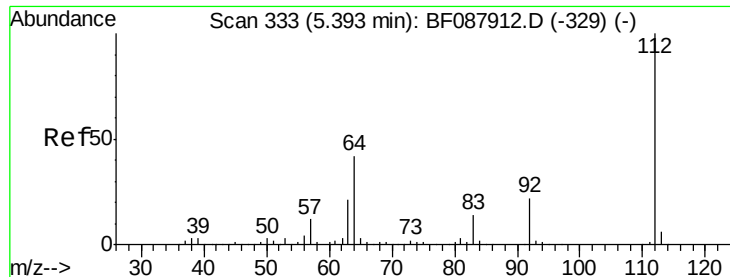


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.08 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.03 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

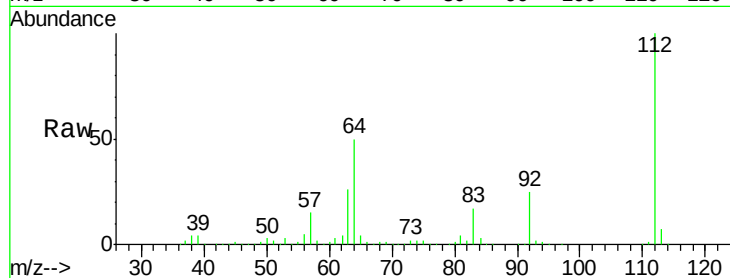
Instrument :

BNA_F

ClientSampleId :

PB91233BS

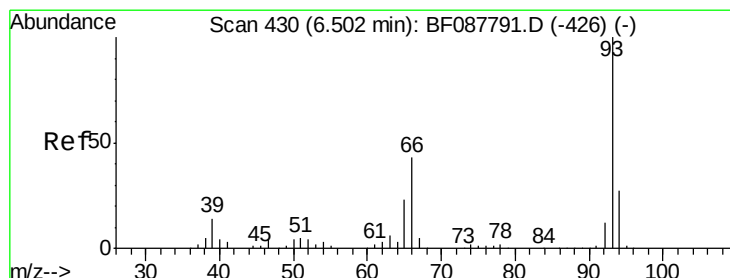
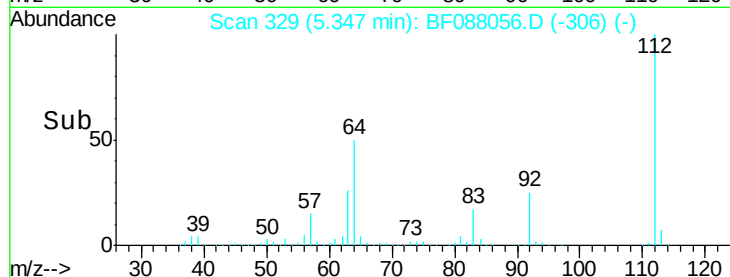
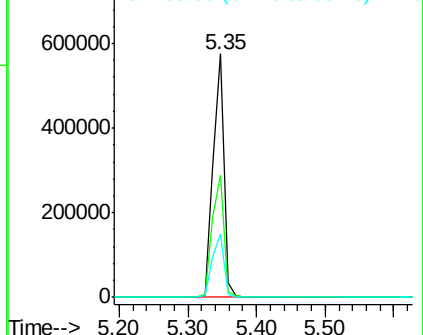
Tgt Ion:	112	Resp:	646755
Ion	Ratio	Lower	Upper
112	100		
64	50.3	42.2	63.2
63	25.7	21.8	32.8



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: 19.17 ng

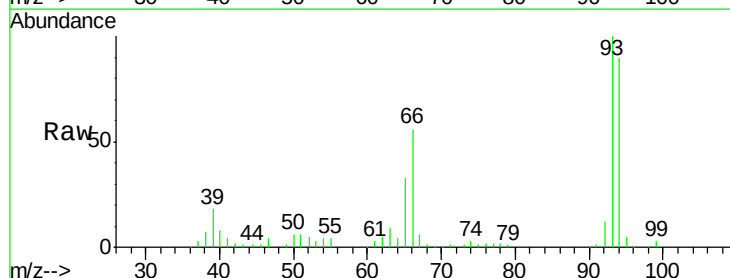
RT: 6.41 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

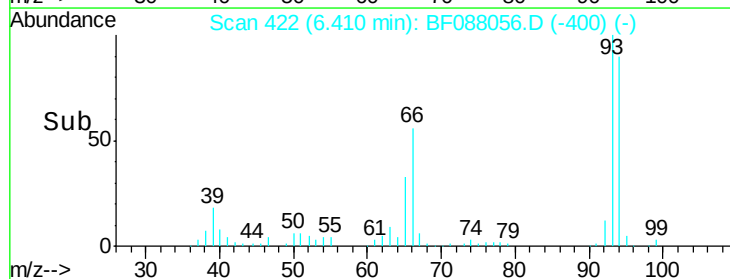
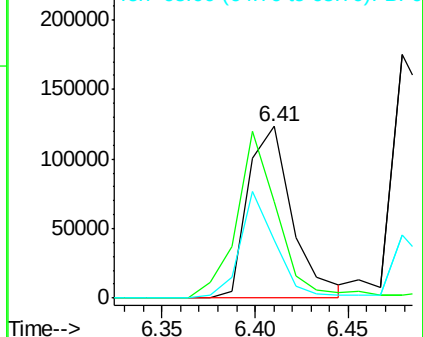
Tgt Ion:	93	Resp:	203542
Ion	Ratio	Lower	Upper
93	100		
66	56.5	29.8	44.8#
65	33.4	14.9	22.3#

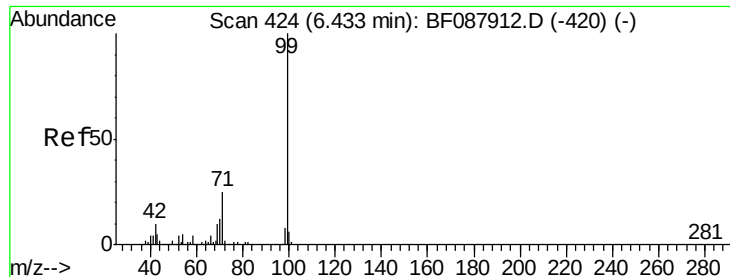


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.48 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

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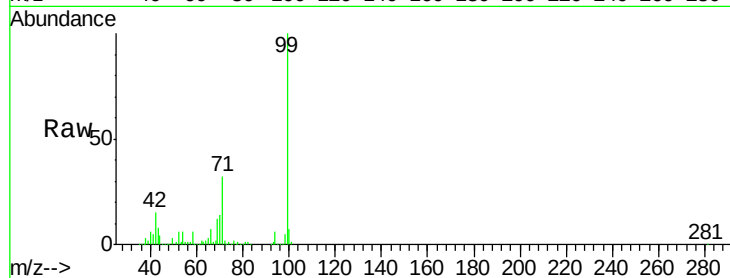
Tgt Ion: 99 Resp: 749475

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

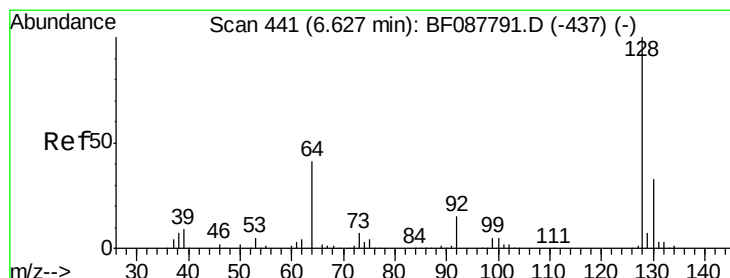
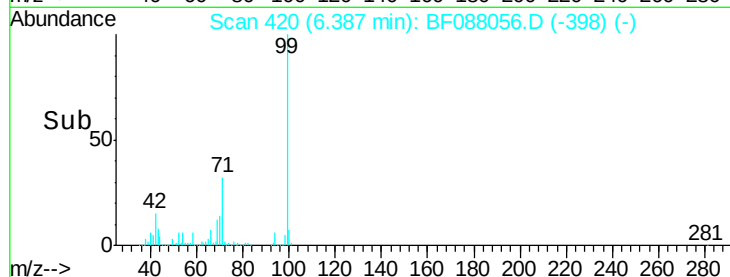
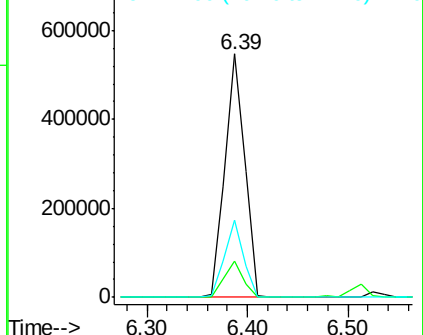
71 31.8 23.4 35.0



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: 33.71 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

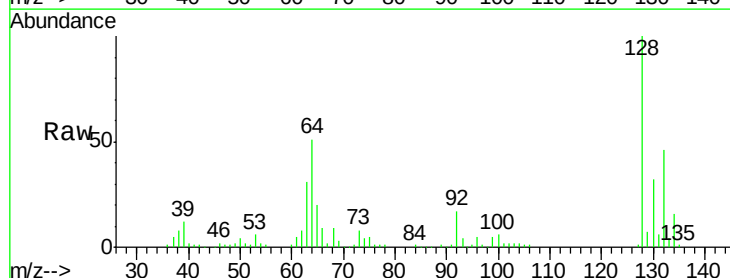
Tgt Ion: 128 Resp: 245613

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

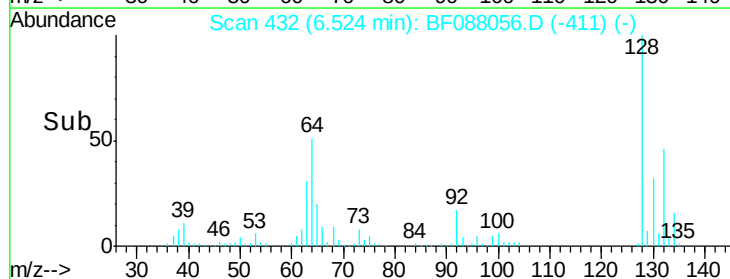
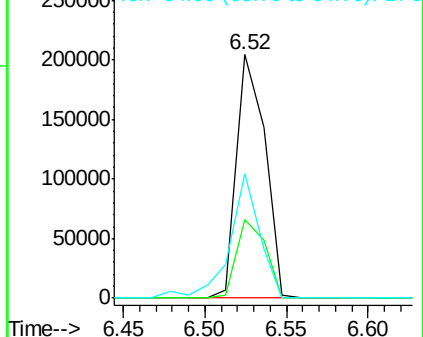
64 51.4 30.8 70.8

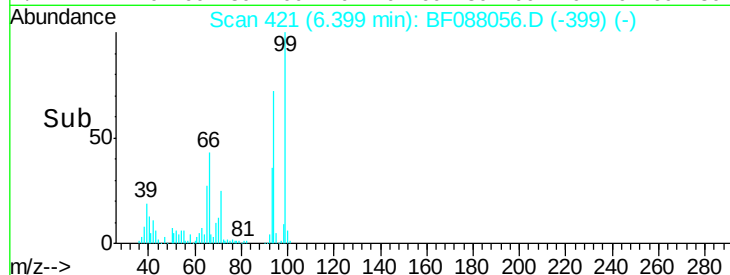
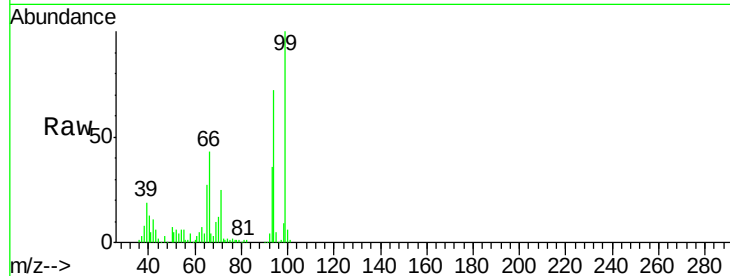
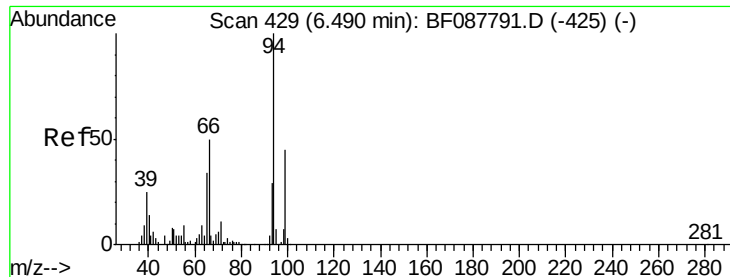


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 31.03 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.05 min

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Instrument :

BNA_F

ClientSampleId :

PB91233BS

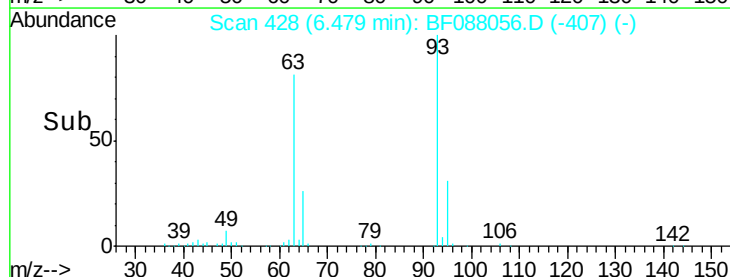
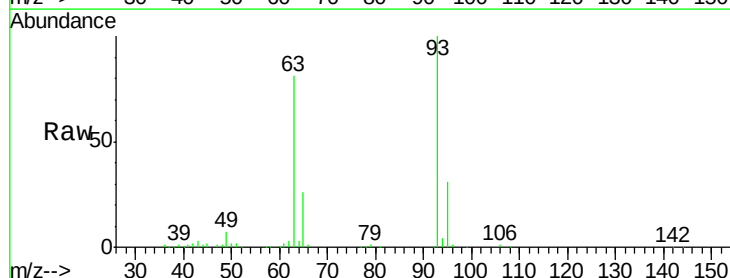
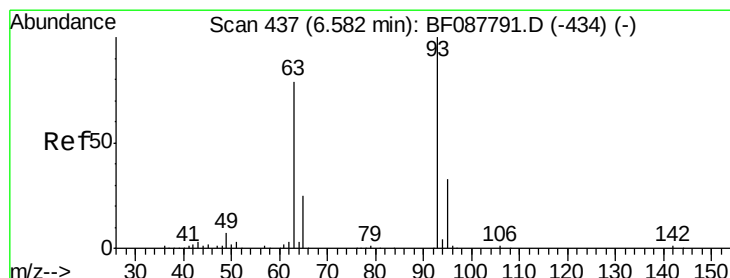
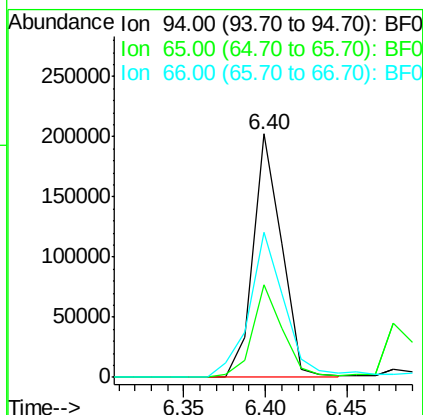
Tgt Ion: 94 Resp: 244912

Ion Ratio Lower Upper

94 100

65 37.8 5.9 45.9

66 59.4 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 34.70 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

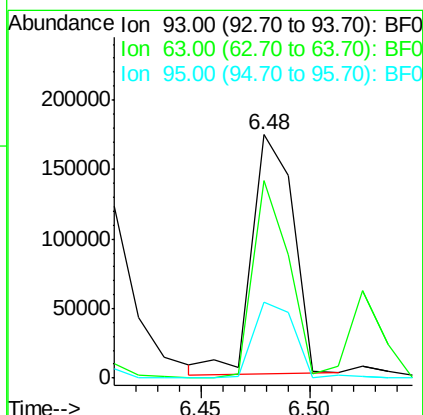
Tgt Ion: 93 Resp: 226972

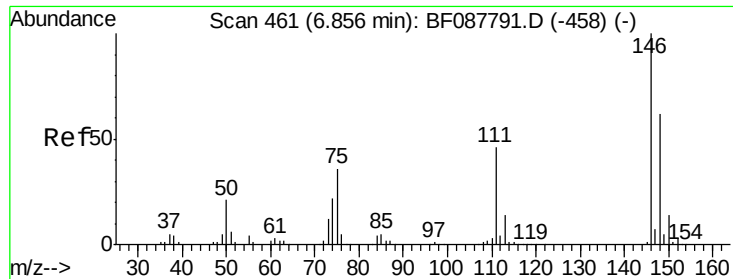
Ion Ratio Lower Upper

93 100

63 81.3 67.6 107.6

95 31.5 12.5 52.5

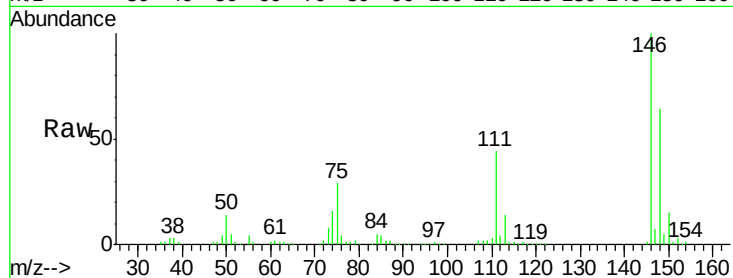




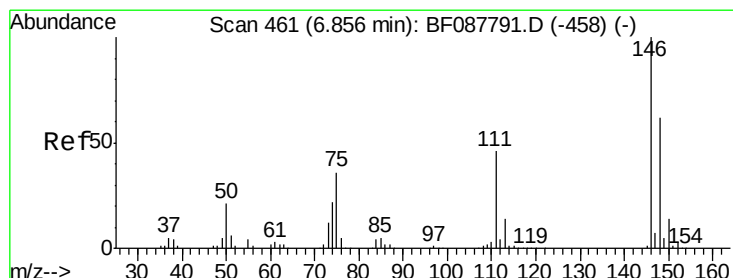
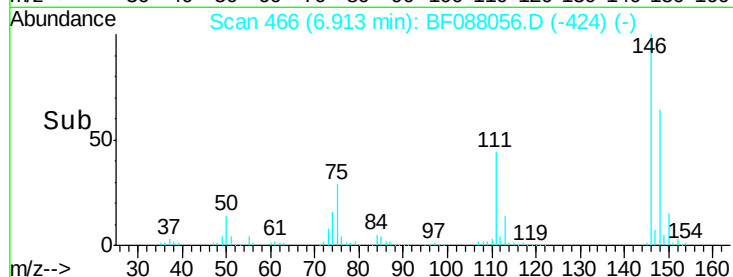
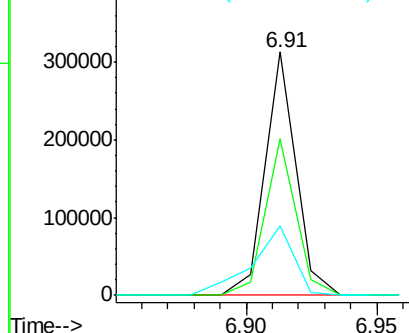
#12
 1,3-Dichlorobenzene
 Concen: 32.58 ng
 RT: 6.91 min Scan# 466
 Delta R.T. 0.18 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

Tgt Ion:146 Resp: 254662
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 75 28.8 25.6 38.4

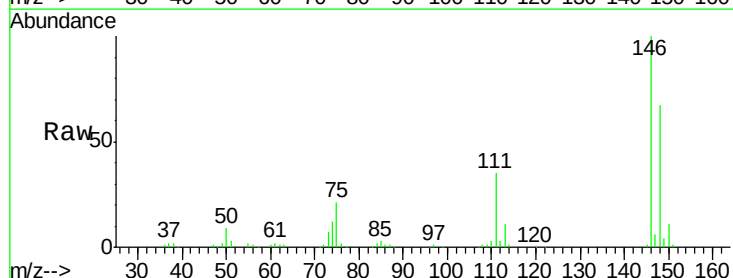


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

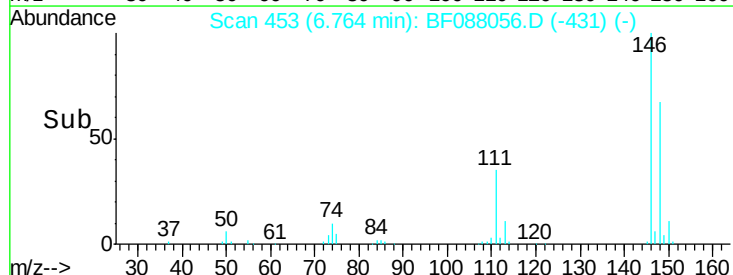
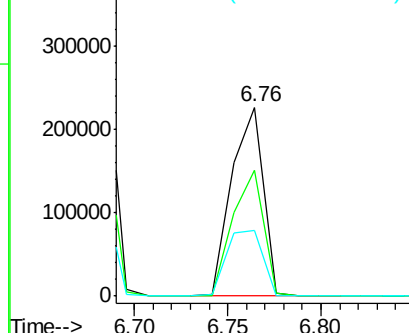


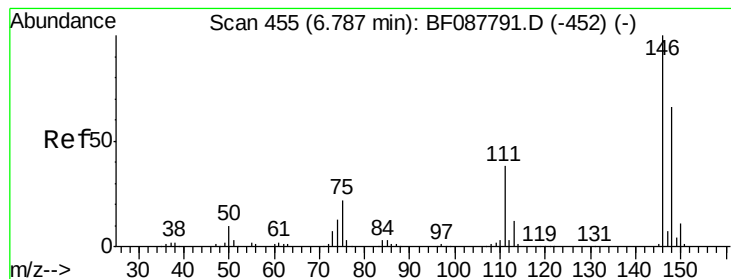
#13
 1,4-Dichlorobenzene
 Concen: 34.32 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:146 Resp: 270257
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.0 78.0
 111 35.0 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: 37.74 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.21 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

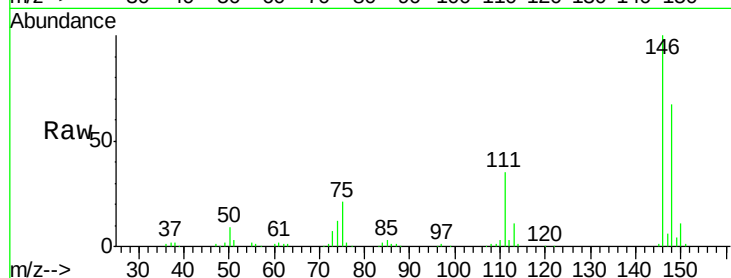
Tgt Ion: 146 Resp: 270257

Ion Ratio Lower Upper

146 100

148 66.6 52.3 78.5

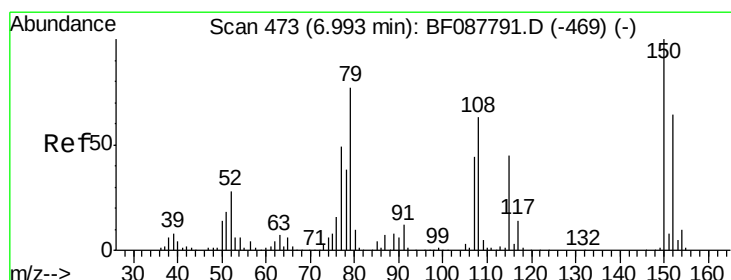
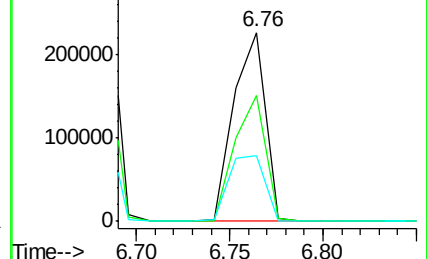
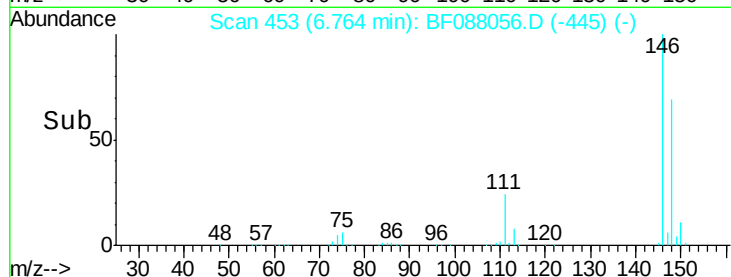
111 35.0 28.7 43.1



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: 29.18 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

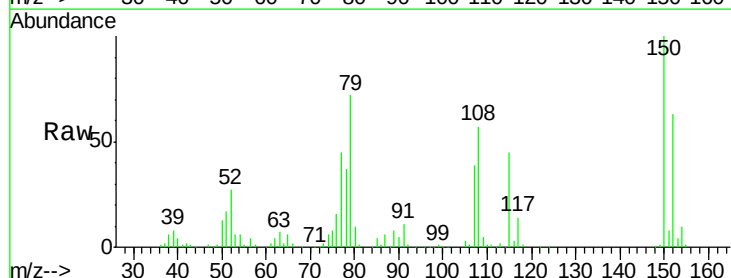
Tgt Ion: 79 Resp: 170295

Ion Ratio Lower Upper

79 100

108 79.1 65.0 97.6

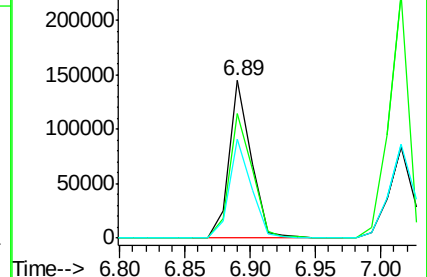
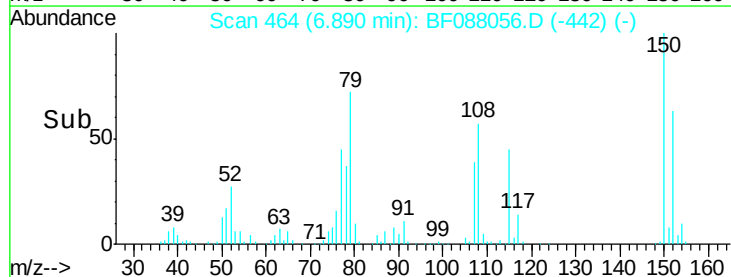
77 62.5 50.3 75.5

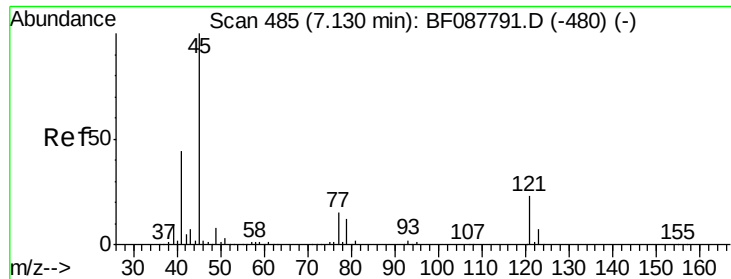


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

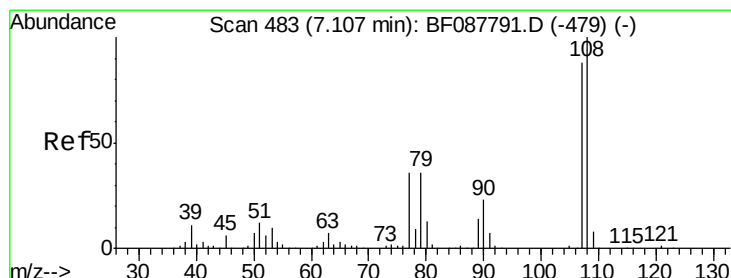
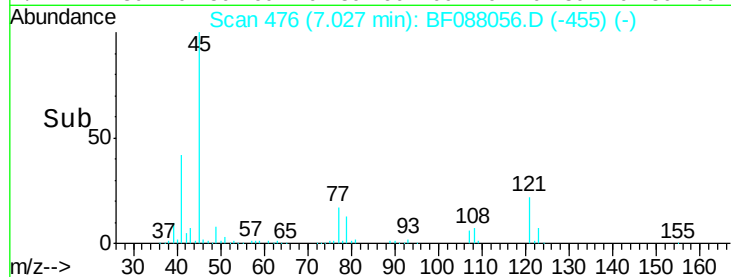
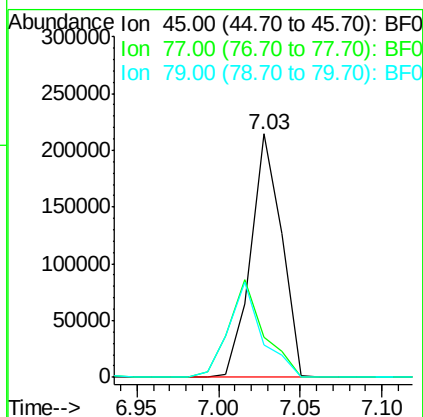
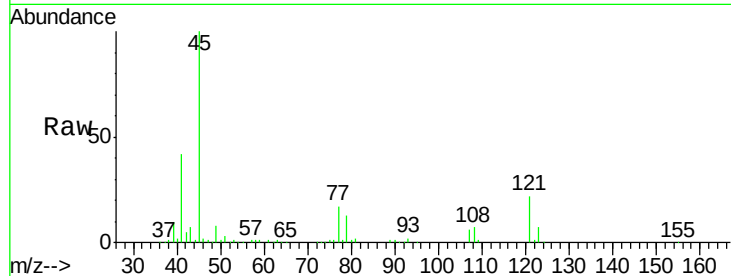




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.75 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

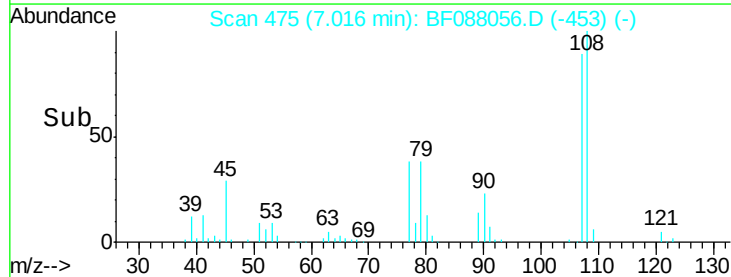
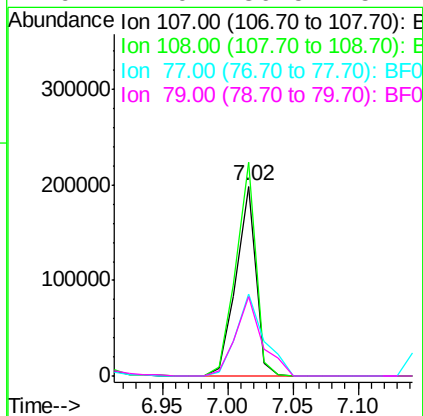
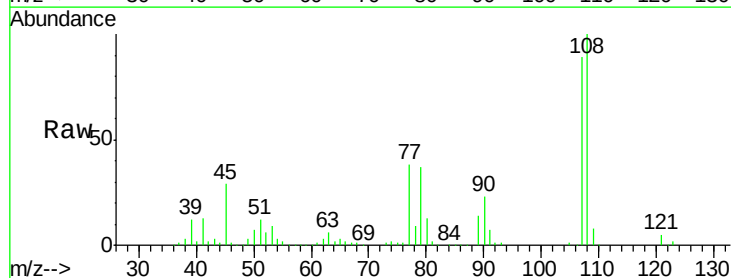
Instrument :
BNA_F
ClientSampleId :
PB91233BS

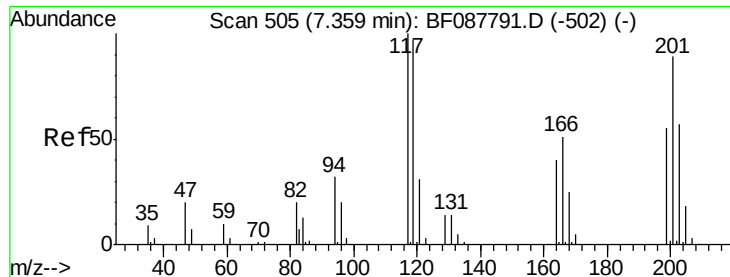
Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	32.5
79	13.4	0.0	29.5



#17
2-Methylphenol
Concen: 35.44 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	43.1	36.6	55.0
79	42.0	36.5	54.7

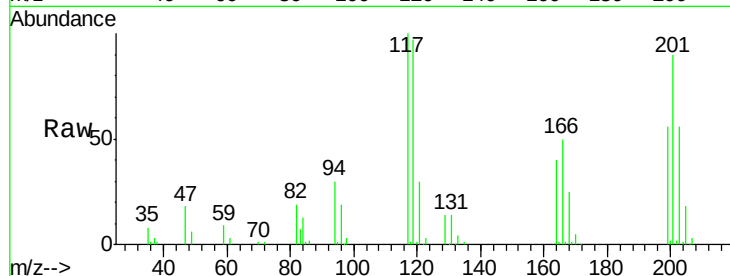




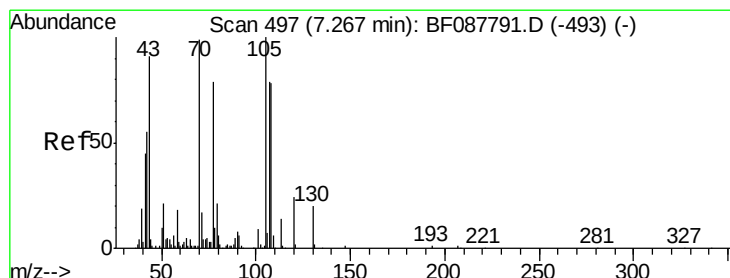
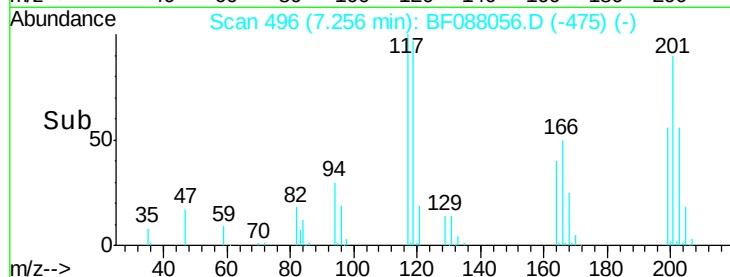
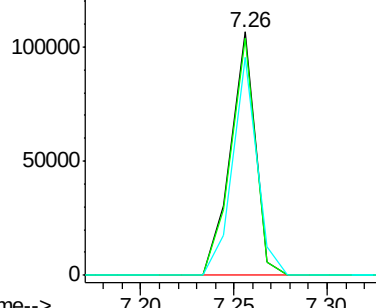
#18
Hexachloroethane
Concen: 35.20 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Instrument :
BNA_F
ClientSampleId :
PB91233BS

Tgt Ion: 117 Resp: 98341
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.2
201 89.7 80.4 120.6



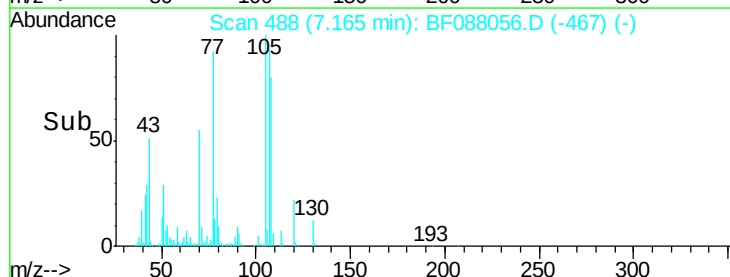
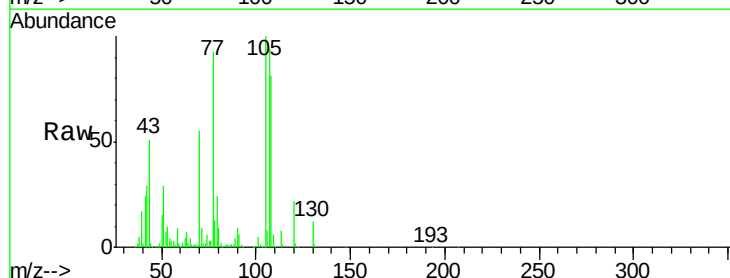
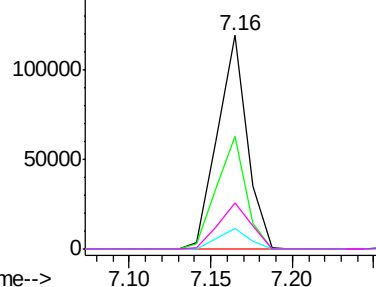
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

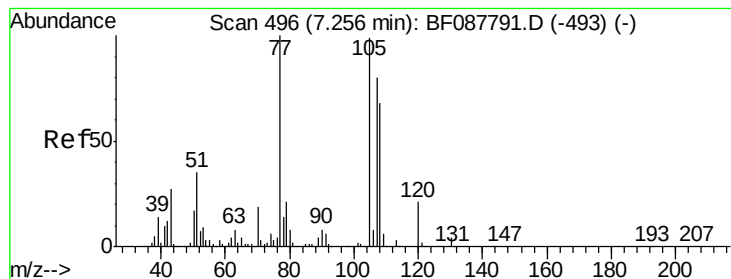


#19
n-Nitroso-di-n-propylamine
Concen: 31.29 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion: 70 Resp: 149308
Ion Ratio Lower Upper
70 100
42 52.6 49.6 74.4
101 9.7 7.1 10.7
130 21.4 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: 35.47 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

Tgt Ion:107 Resp: 244480

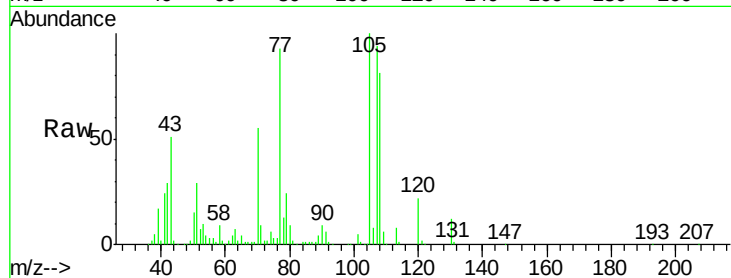
Ion Ratio Lower Upper

107 100

108 86.3 67.8 107.8

77 98.7 59.3 99.3

79 25.7 7.0 47.0

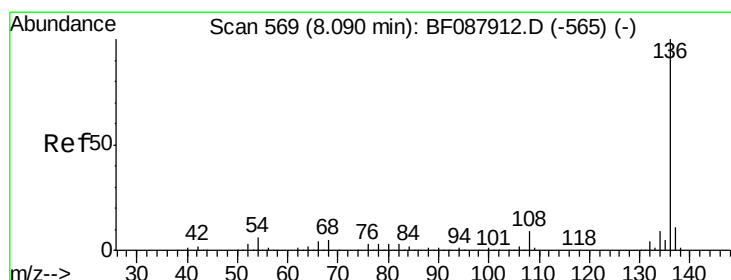
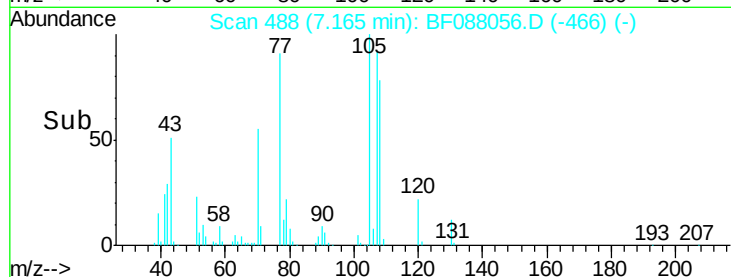
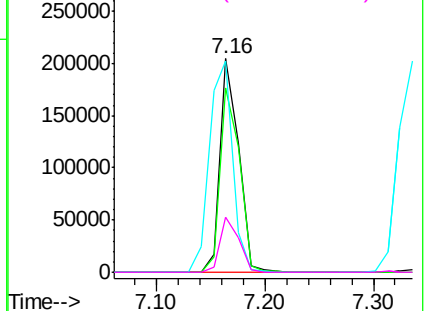


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.03 min Scan# 564

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Tgt Ion:136 Resp: 435481

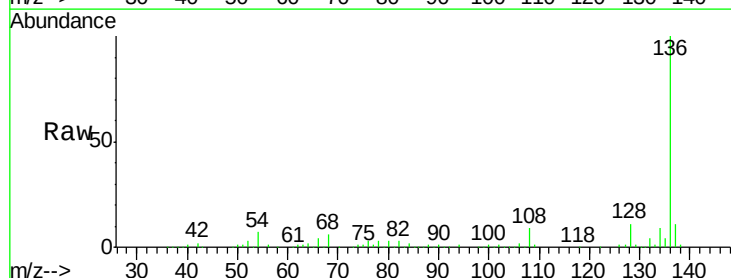
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 6.6 10.0#

68 5.7 5.1 7.7

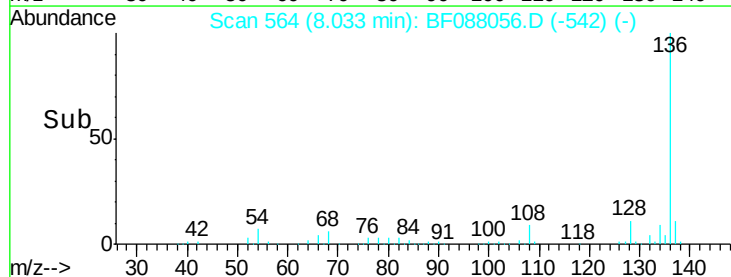
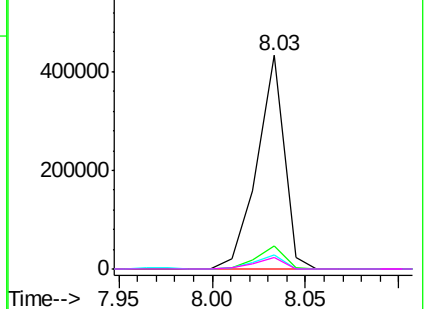


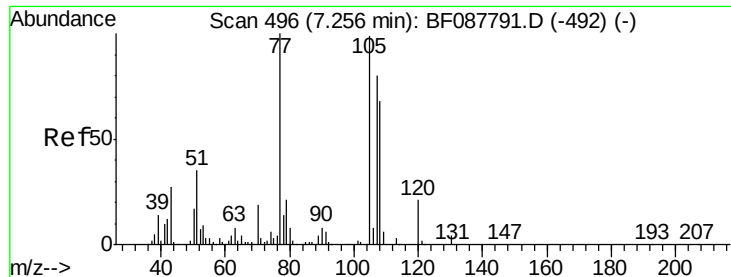
Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.74 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

Tgt Ion: 105 Resp: 328382

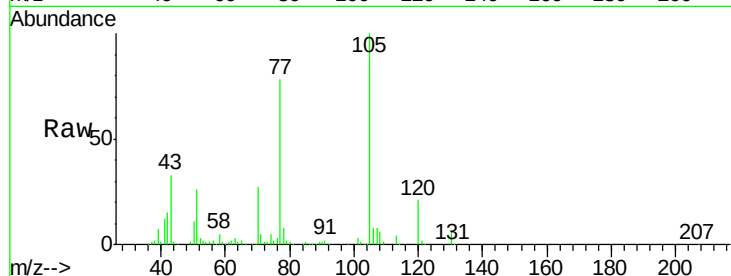
Ion Ratio Lower Upper

105 100

71 4.7 5.3 7.9#

51 25.8 18.2 27.4

120 21.2 18.0 27.0

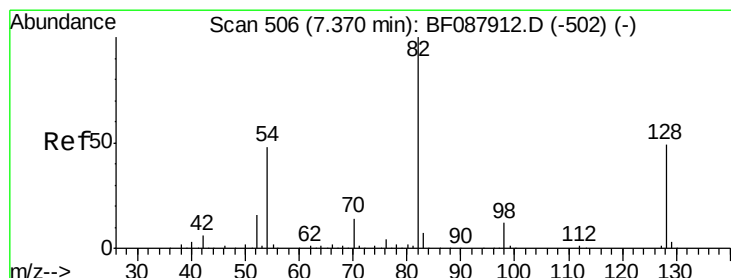
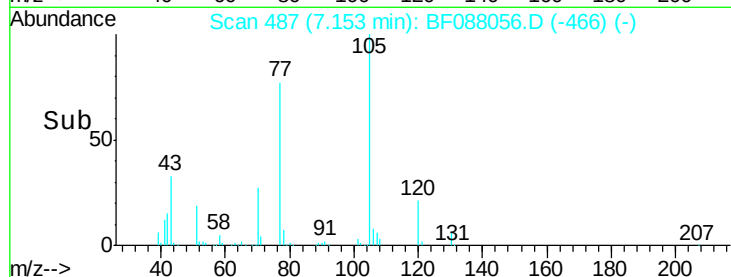
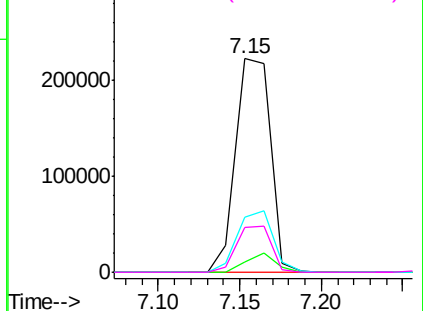


Abundance Ion 105.00 (104.70 to 105.70): E

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: 61.95 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

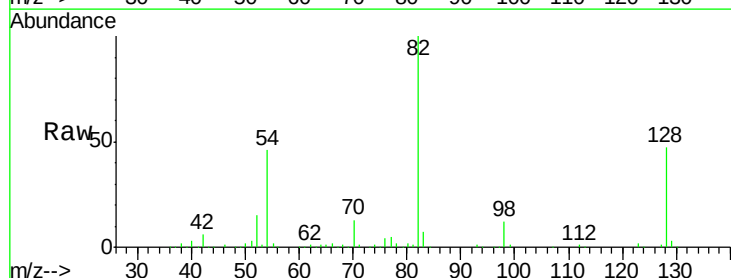
Tgt Ion: 82 Resp: 462031

Ion Ratio Lower Upper

82 100

128 47.4 35.9 53.9

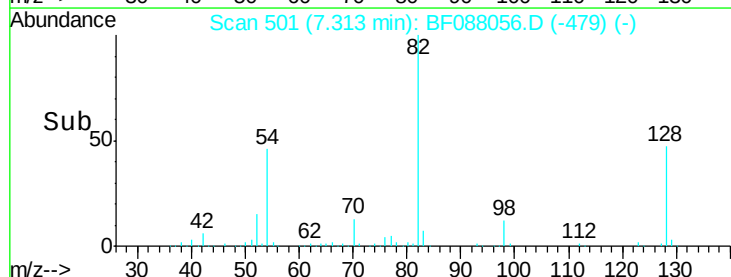
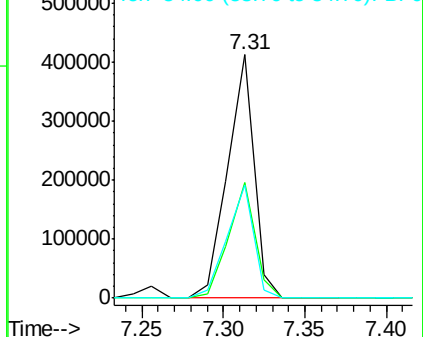
54 46.5 40.9 61.3

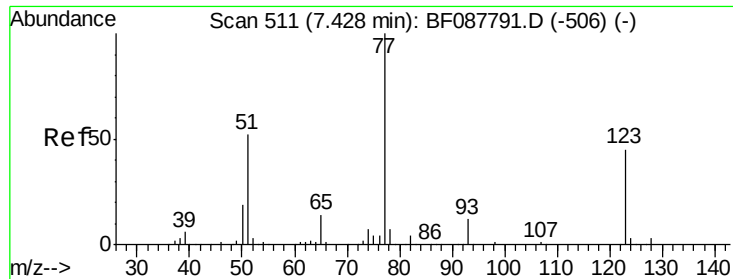


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 34.93 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

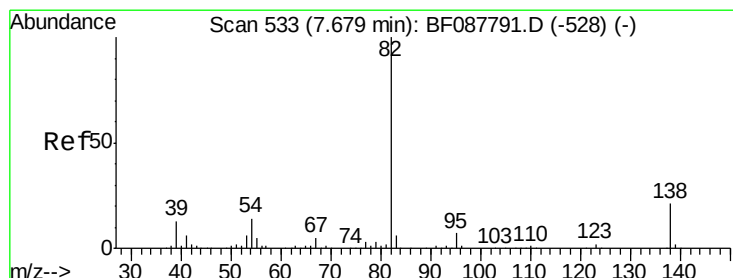
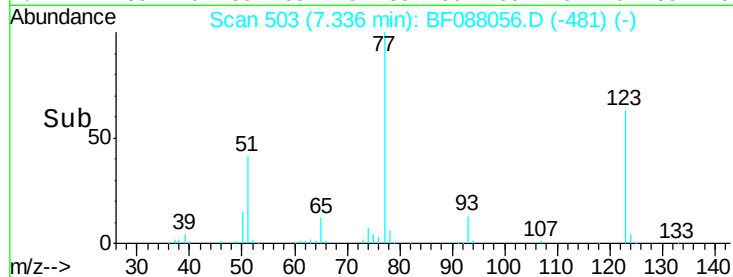
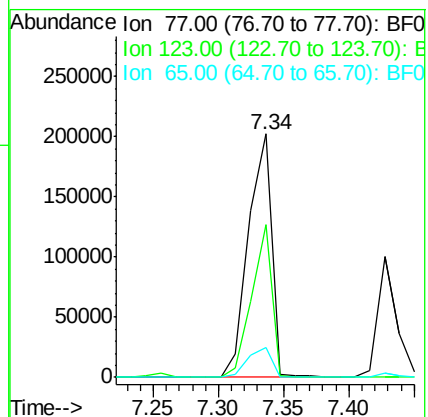
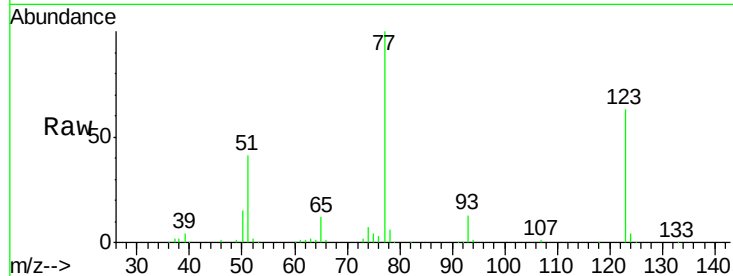
Tgt Ion: 77 Resp: 252312

Ion Ratio Lower Upper

77 100

123 62.9 45.0 67.4

65 12.0 10.2 15.2



#25

Isophorone

Concen: 32.90 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

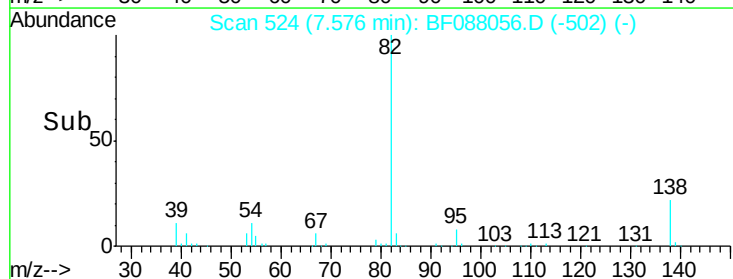
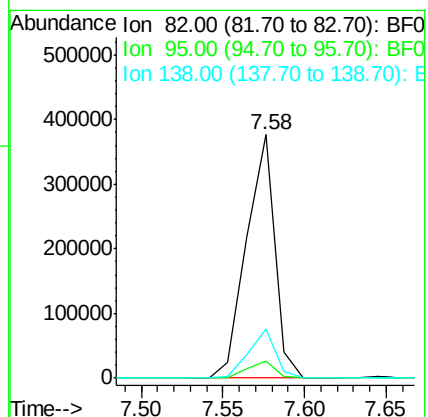
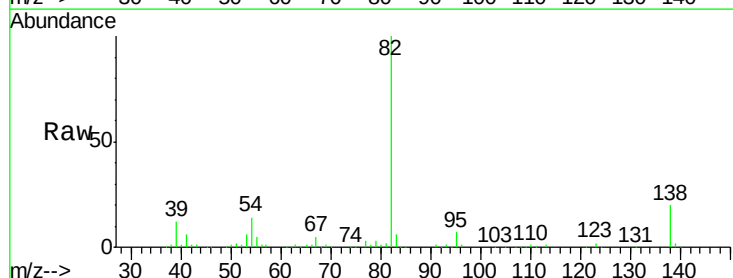
Tgt Ion: 82 Resp: 454405

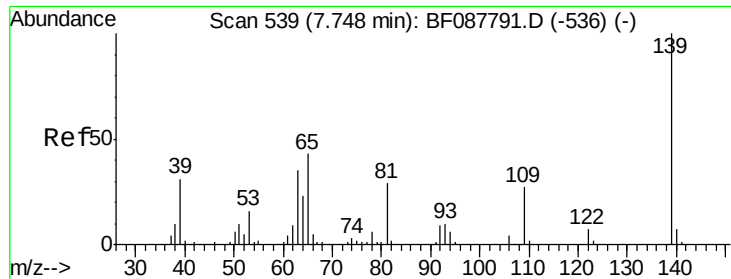
Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 20.0 14.6 21.8

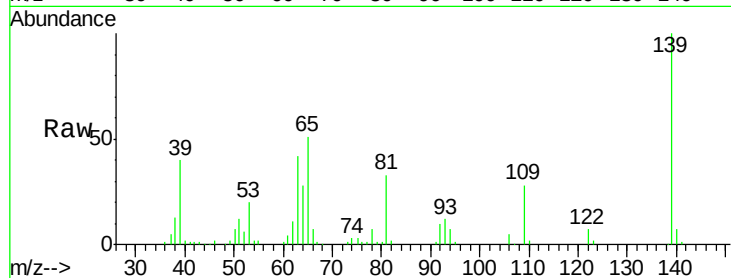




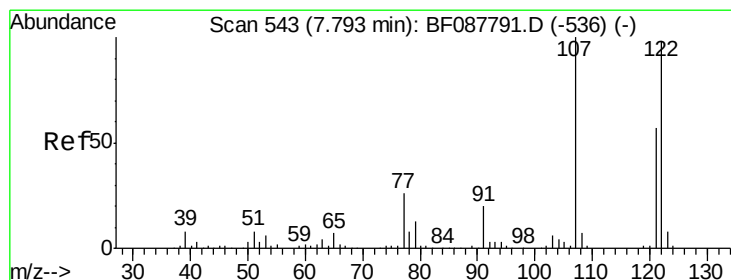
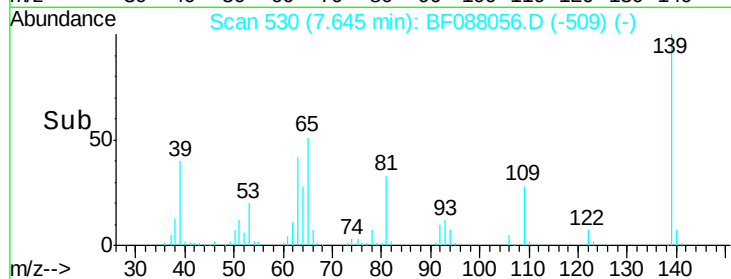
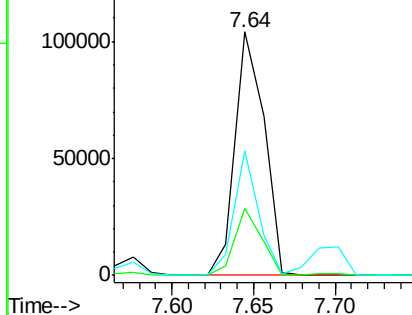
#26
 2-Nitrophenol
 Concen: 33.19 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

Tgt Ion:139 Resp: 128440
 Ion Ratio Lower Upper
 139 100
 109 27.7 23.0 34.4
 65 51.4 45.8 68.8

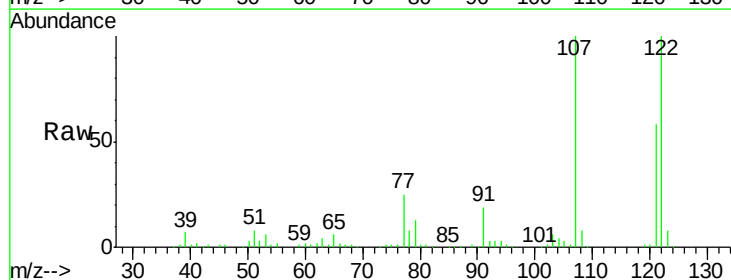


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

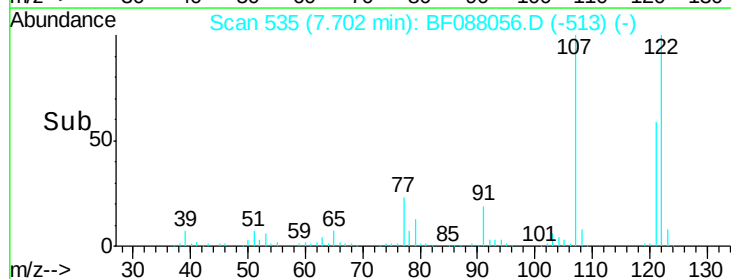
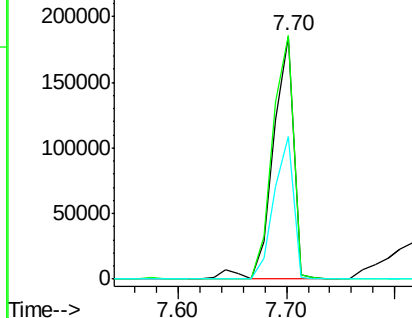


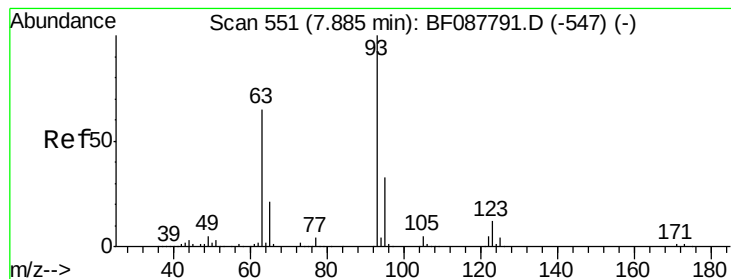
#27
 2,4-Dimethylphenol
 Concen: 33.93 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:122 Resp: 241745
 Ion Ratio Lower Upper
 122 100
 107 100.4 82.4 123.6
 121 58.6 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 35.33 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

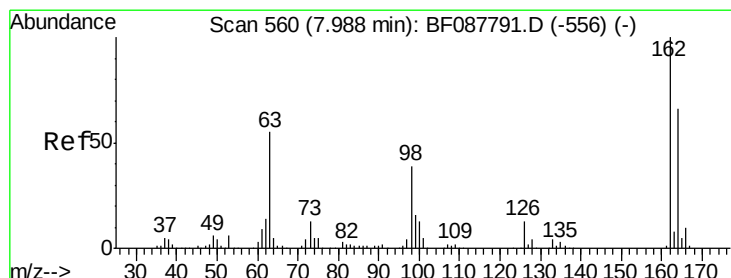
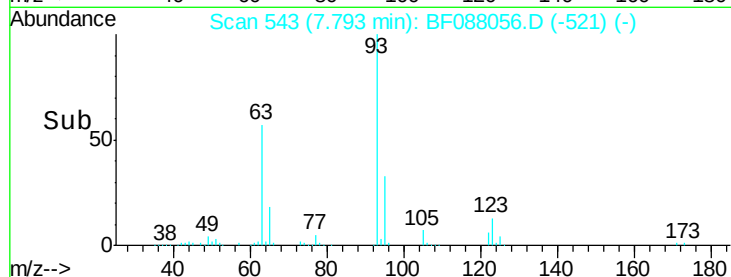
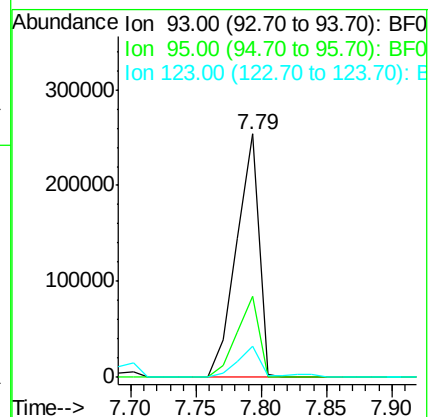
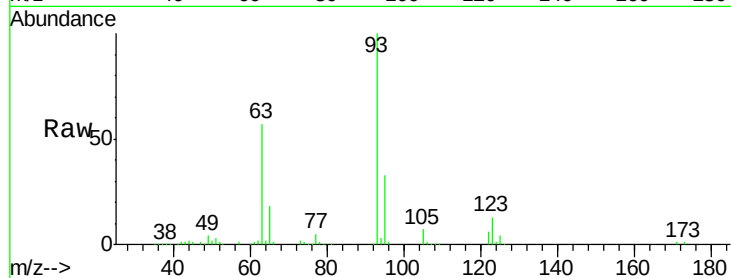
Tgt Ion: 93 Resp: 302724

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 13.0 11.6 17.4



#29

2,4-Dichlorophenol

Concen: 35.62 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

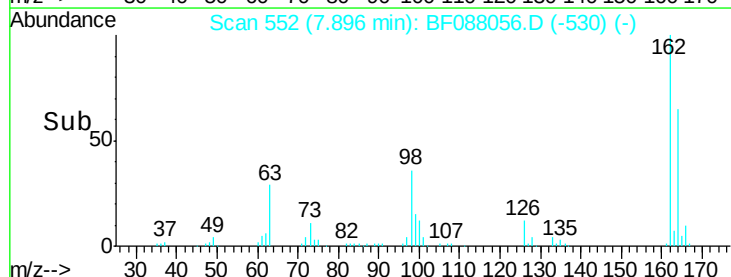
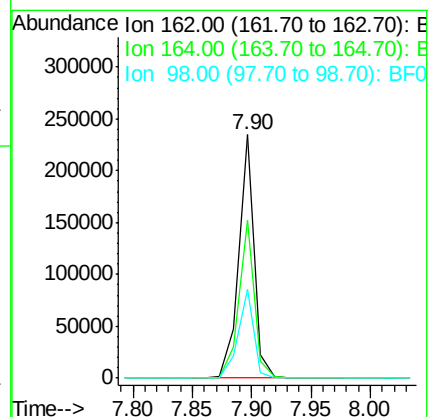
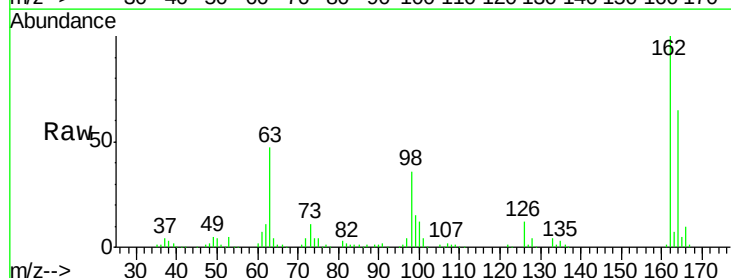
Tgt Ion: 162 Resp: 211912

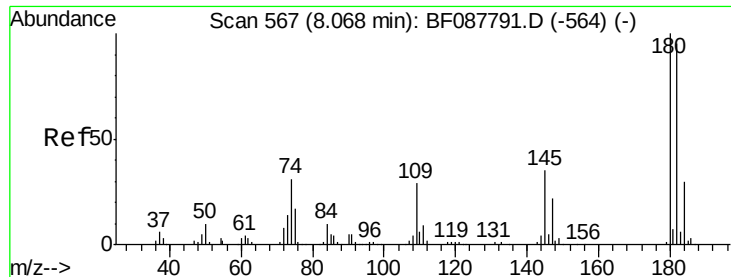
Ion Ratio Lower Upper

162 100

164 65.0 43.8 83.8

98 36.3 21.3 61.3

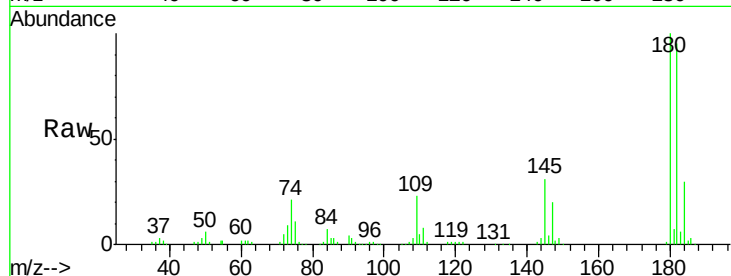




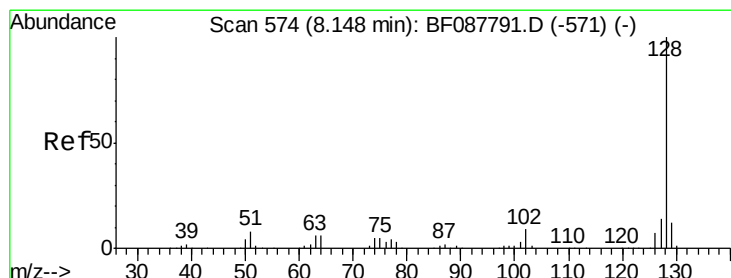
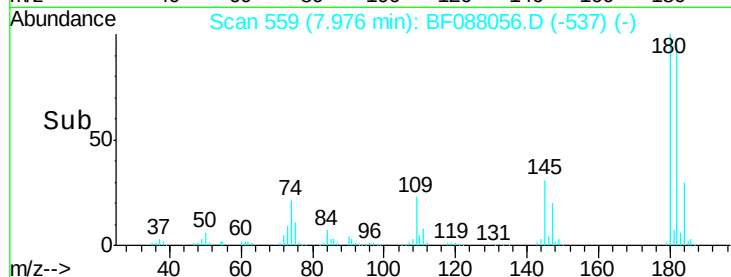
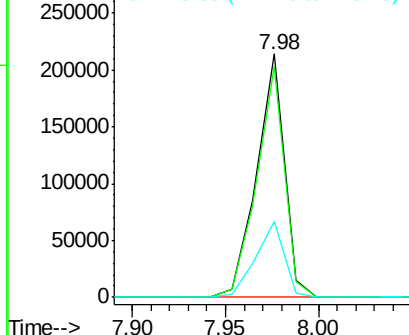
#30
 1,2,4-Trichlorobenzene
 Concen: 34.05 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

Tgt Ion:180 Resp: 220539
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.0 114.0
 145 31.2 26.5 39.7

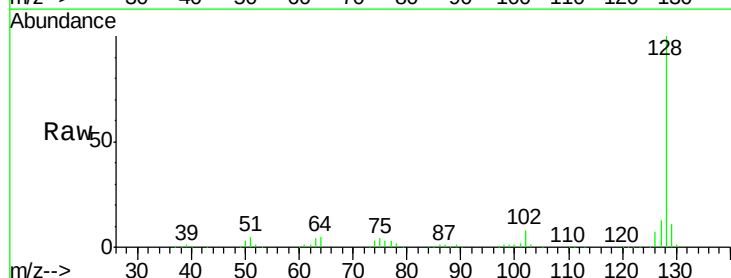


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

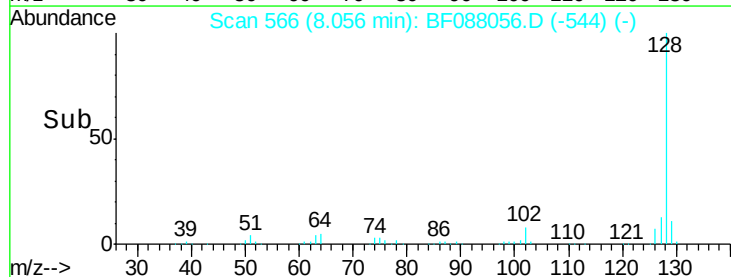
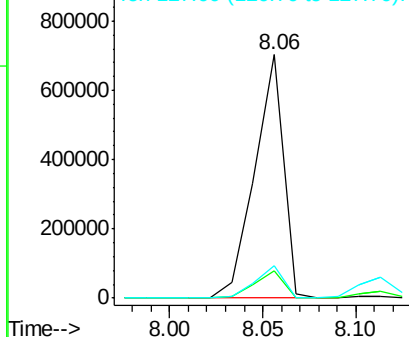


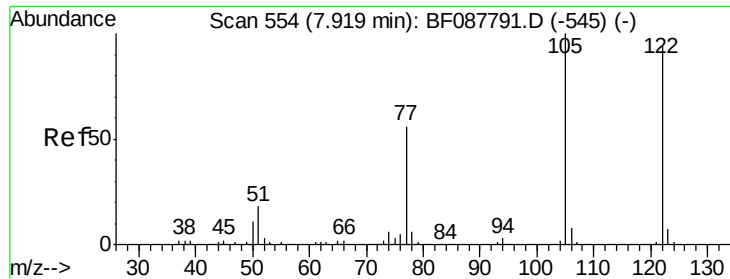
#31
 Naphthalene
 Concen: 34.76 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:128 Resp: 749021
 Ion Ratio Lower Upper
 128 100
 129 11.1 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

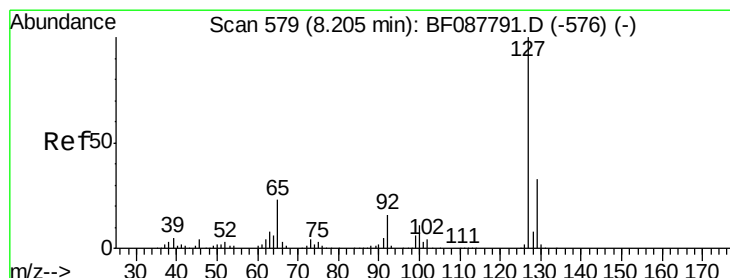
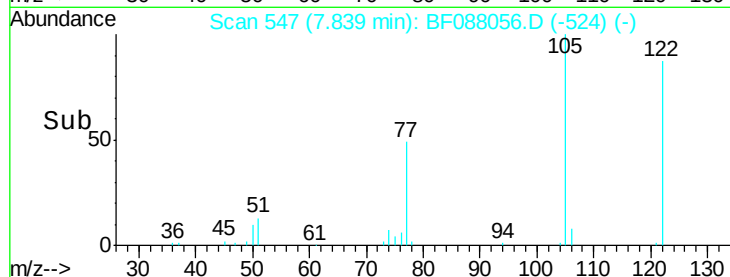
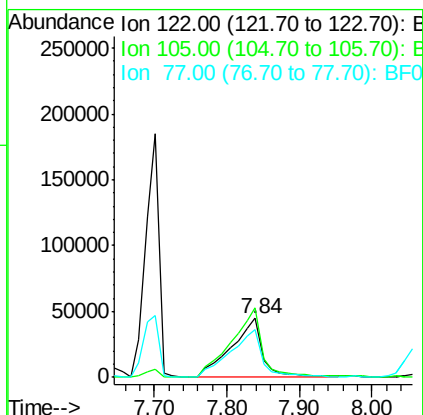
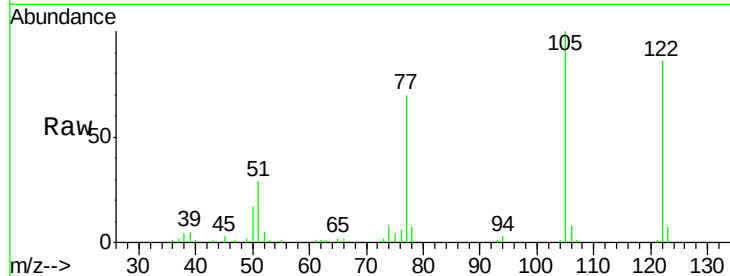




#32
Benzoic acid
Concen: 33.57 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

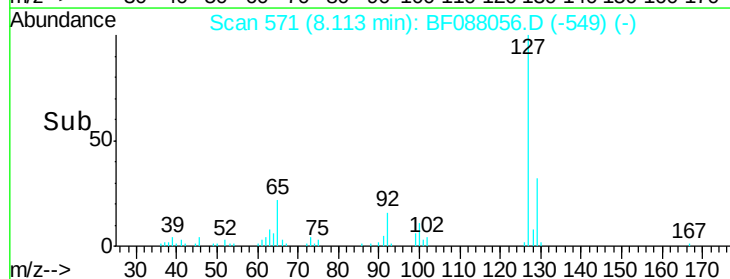
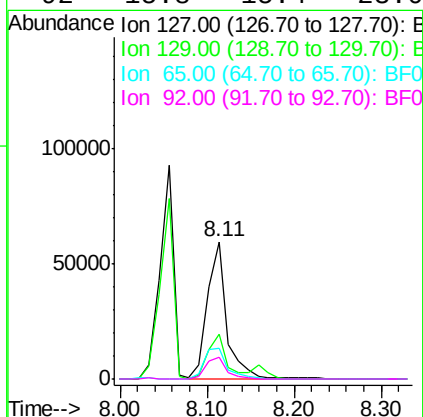
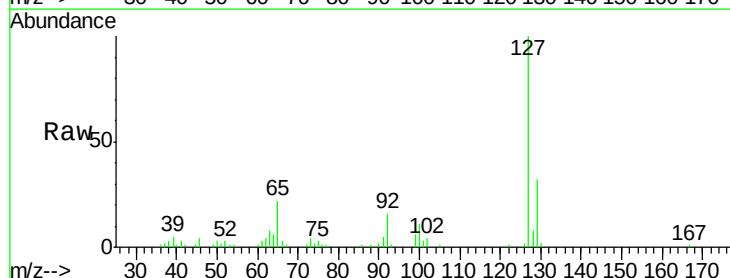
Instrument :
BNA_F
ClientSampleId :
PB91233BS

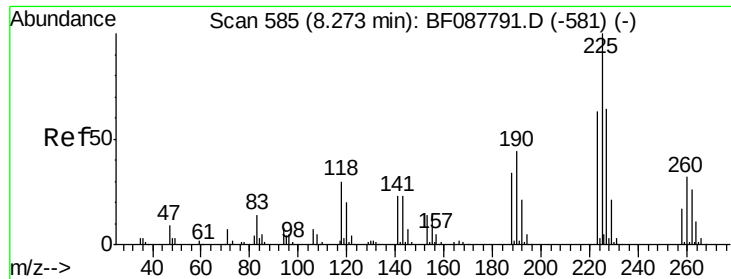
Tgt Ion:122 Resp: 131693
Ion Ratio Lower Upper
122 100
105 116.8 101.6 141.6
77 81.9 70.6 110.6



#33
4-Chloroaniline
Concen: 9.74 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.05 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion:127 Resp: 93740
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 22.0 24.7 37.1#
92 15.8 15.4 23.0





#34

Hexachlorobutadiene

Concen: 30.90 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

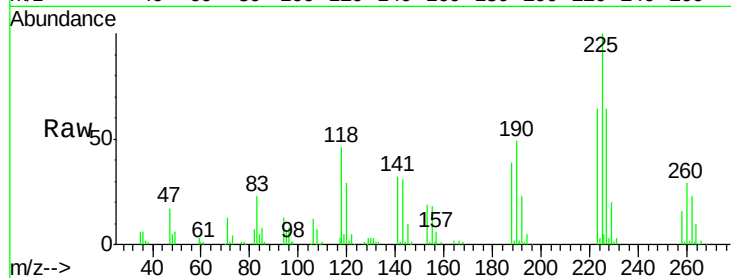
Tgt Ion:225 Resp: 105569

Ion Ratio Lower Upper

225 100

223 64.2 50.9 76.3

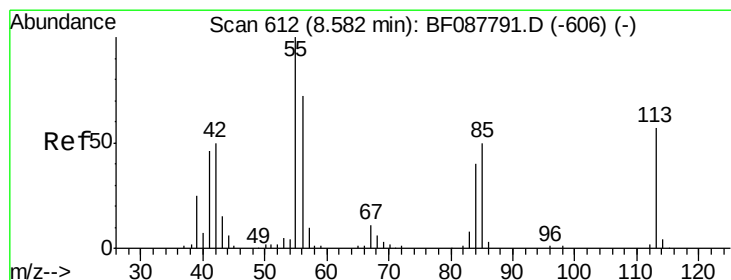
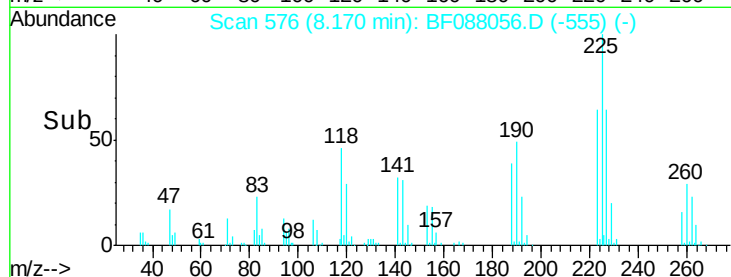
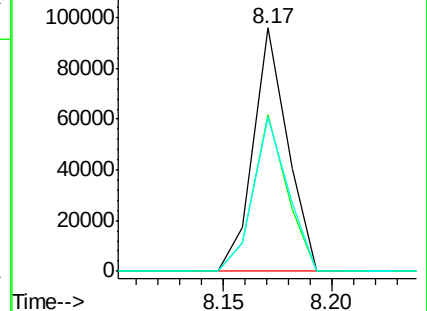
227 63.5 51.9 77.9



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: 26.41 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

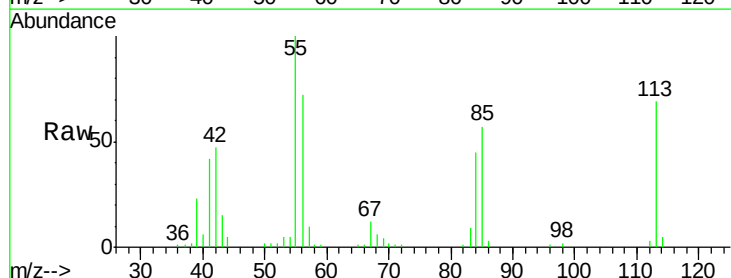
Tgt Ion:113 Resp: 52036

Ion Ratio Lower Upper

113 100

55 144.9 158.6 198.6#

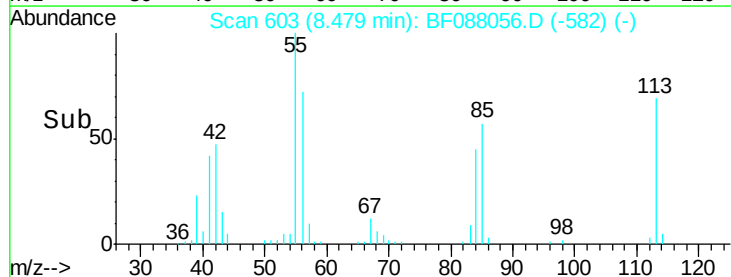
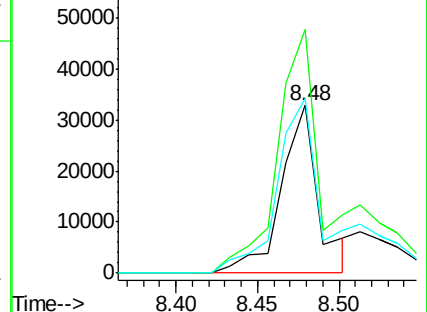
56 104.3 110.6 150.6#

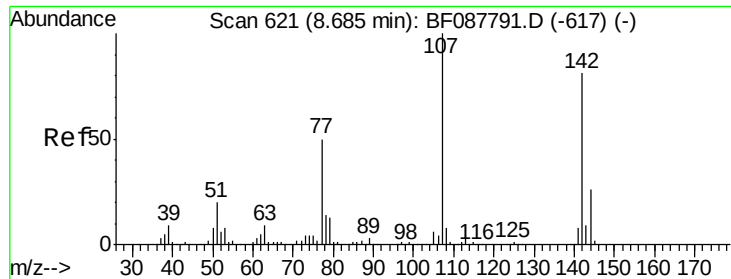


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

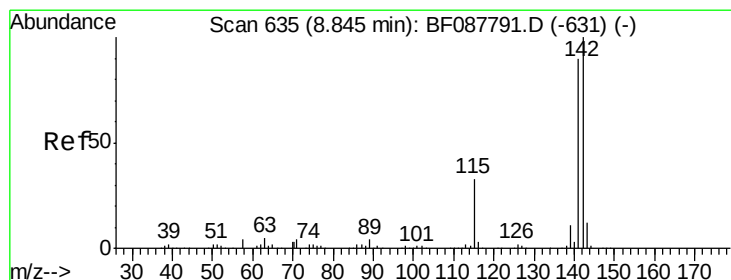
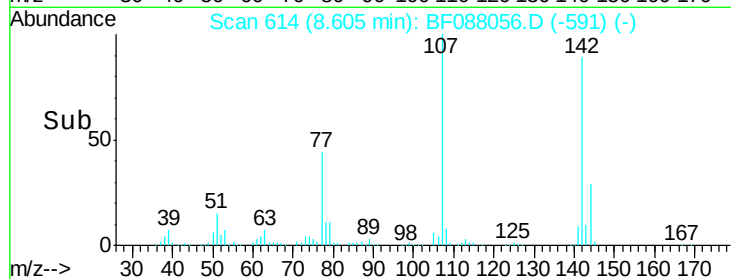
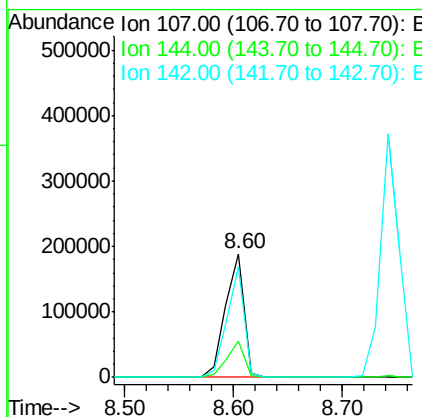
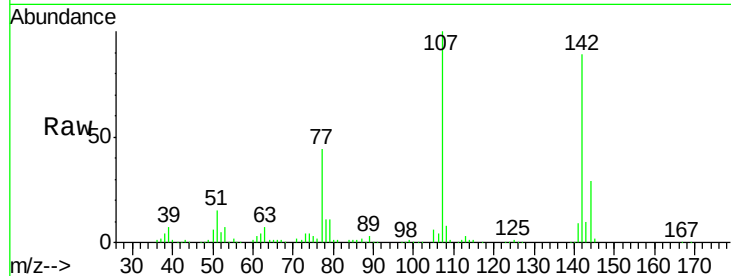




#36
 4-Chloro-3-methylphenol
 Concen: 34.87 ng
 RT: 8.60 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

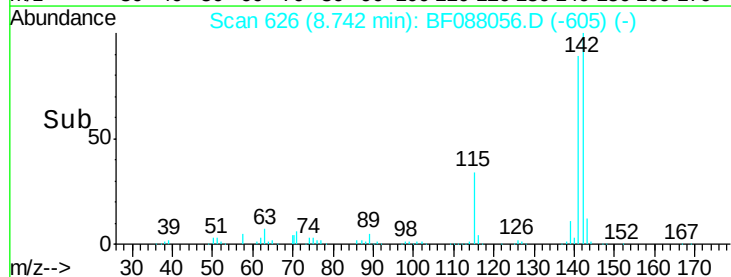
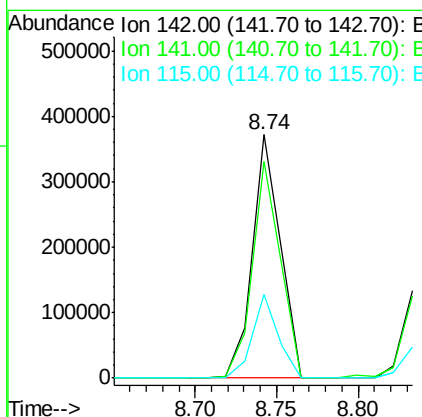
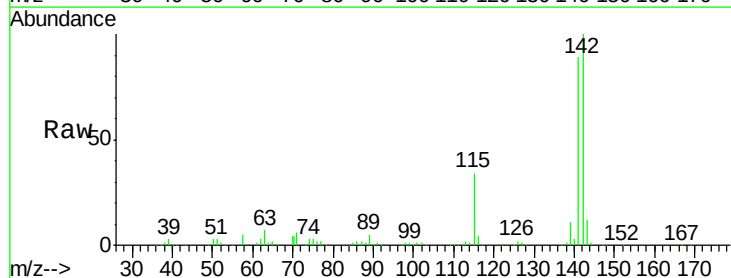
Instrument :
 BNA_F
 ClientSampled :
 PB91233BS

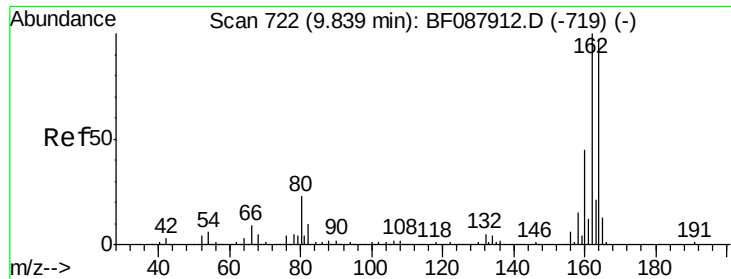
Tgt Ion:107 Resp: 221811
 Ion Ratio Lower Upper
 107 100
 144 29.0 20.8 31.2
 142 89.1 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 31.07 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:142 Resp: 441332
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 34.3 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

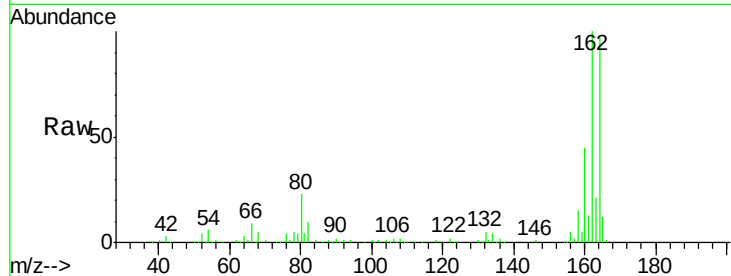
Tgt Ion:164 Resp: 182556

Ion Ratio Lower Upper

164 100

162 103.3 85.4 128.2

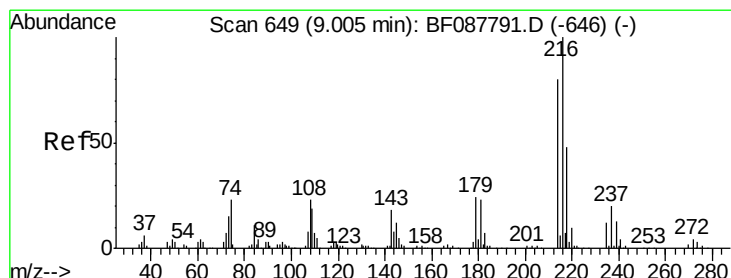
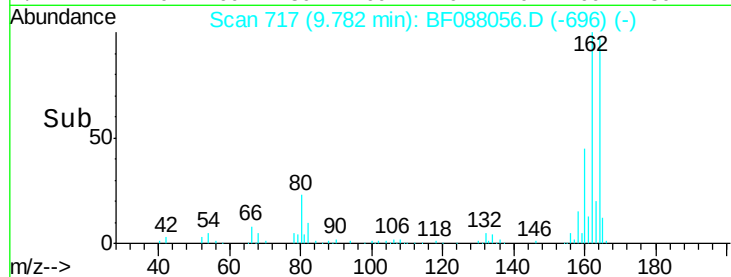
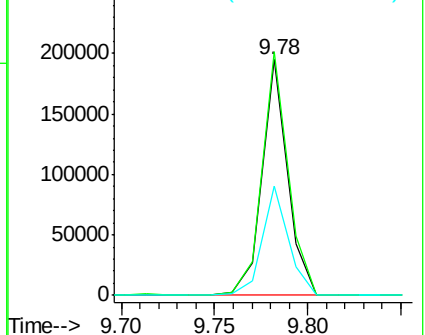
160 46.4 39.5 59.3



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: 41.25 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Tgt Ion:216 Resp: 201569

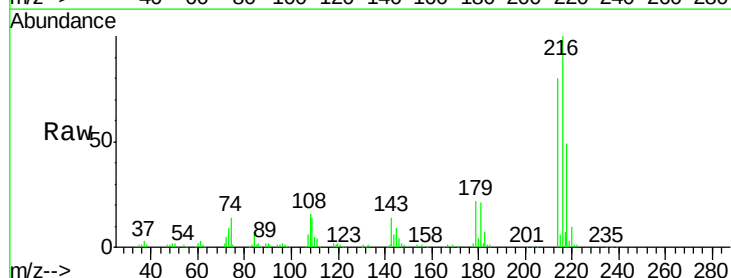
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 22.8 0.0 0.0#

108 19.6 0.5 0.7#

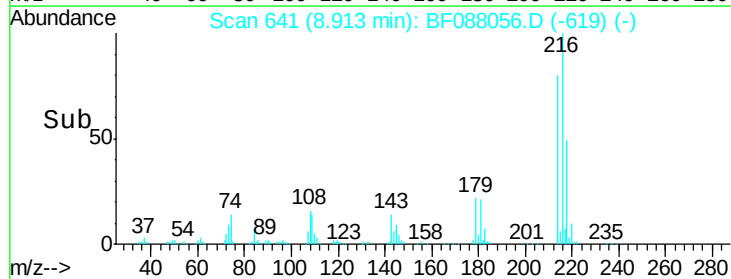
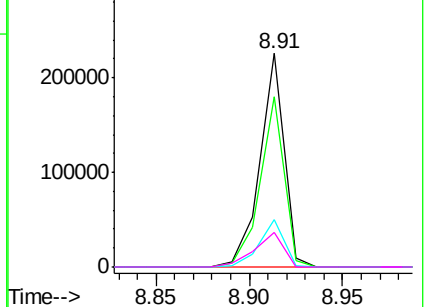


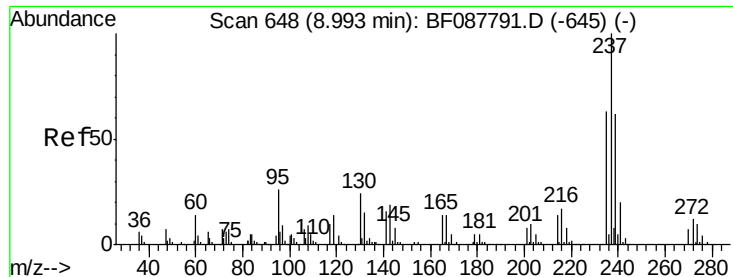
Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.73 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

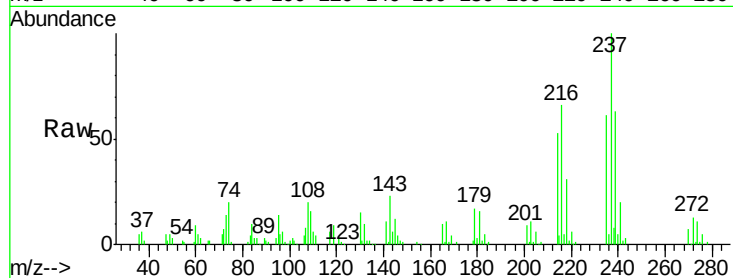
Tgt Ion:237 Resp: 75771

Ion Ratio Lower Upper

237 100

235 61.0 43.4 83.4

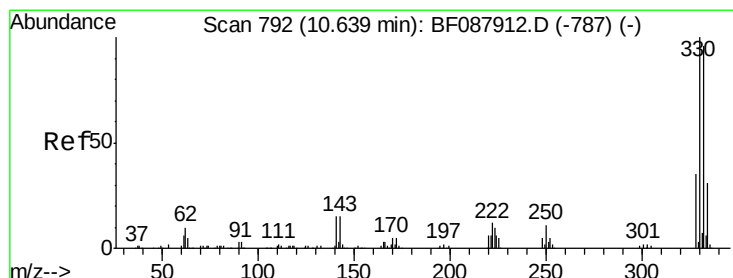
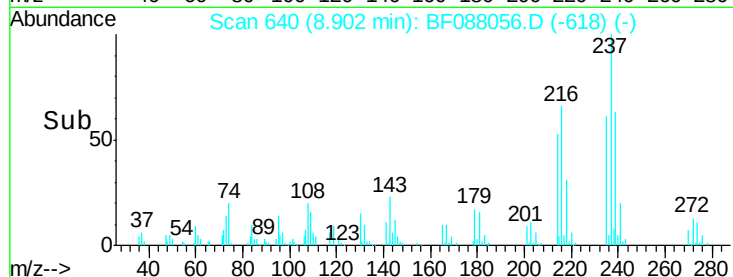
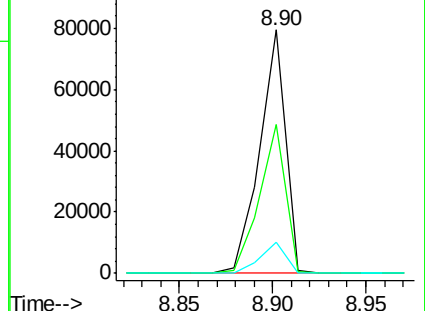
272 12.7 0.0 32.3



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: 78.18 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

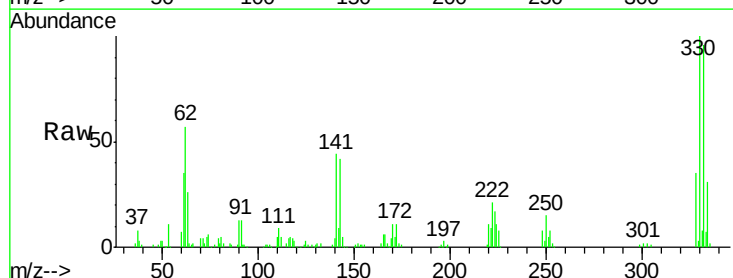
Tgt Ion:330 Resp: 150707

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

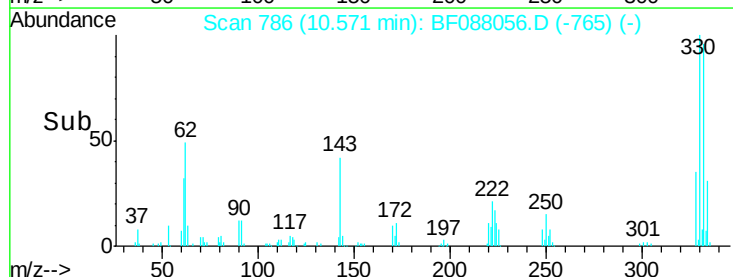
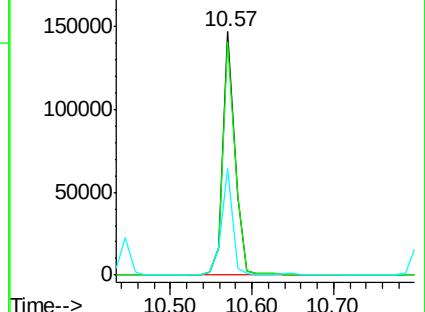
141 40.0 0.0 0.0#

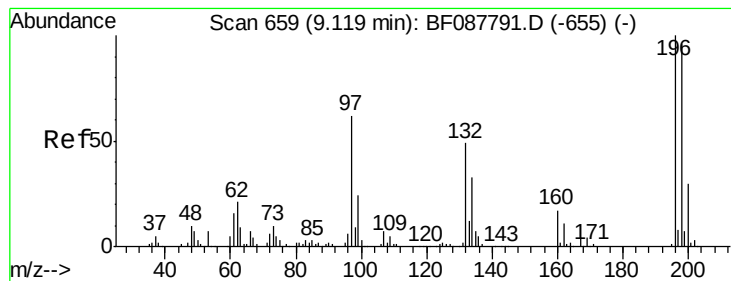


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

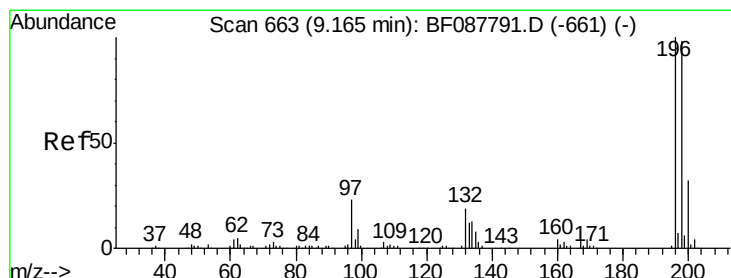
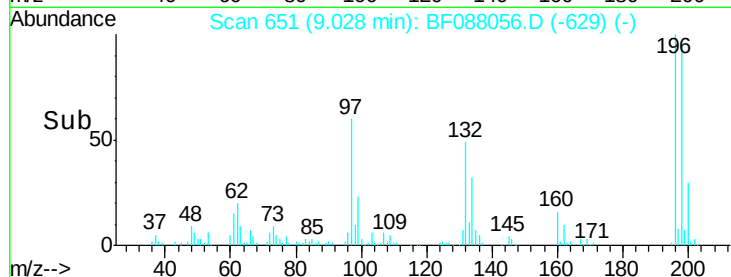
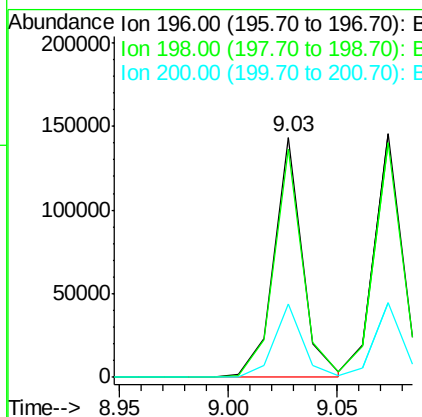
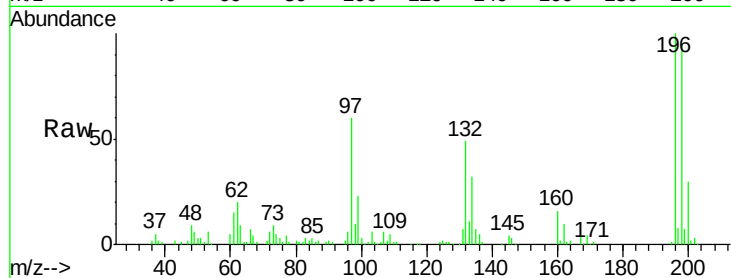




#42
 2,4,6-Trichlorophenol
 Concen: 36.09 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

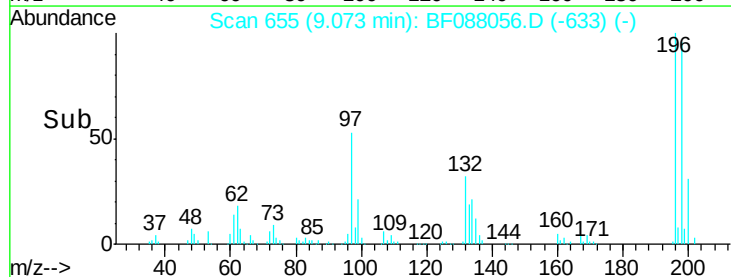
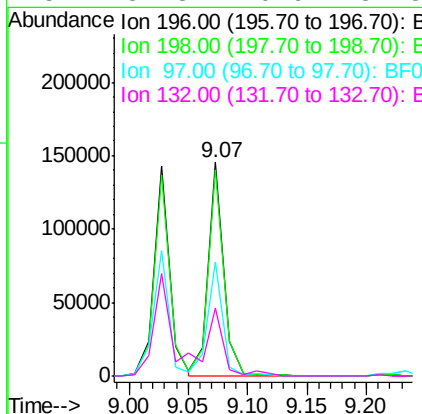
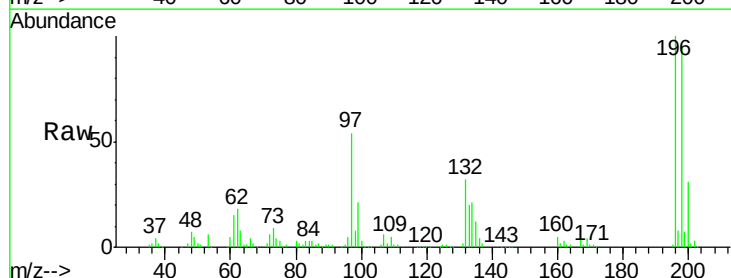
Instrument :
 BNA_F
 ClientSampleID :
 PB91233BS

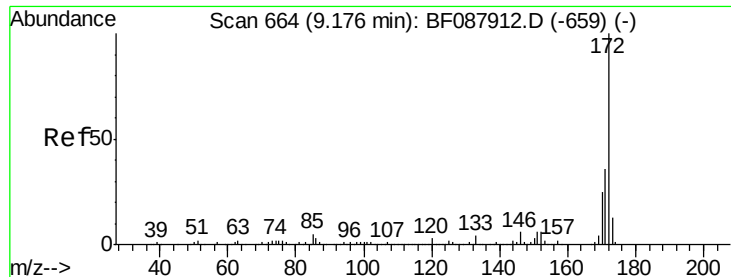
Tgt Ion:196 Resp: 131751
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.0 117.0
 200 30.5 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 35.00 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:196 Resp: 132925
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.5 116.3
 97 53.6 32.0 48.0#
 132 31.8 20.9 31.3#

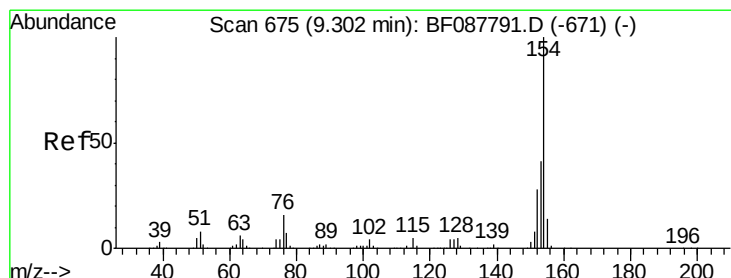
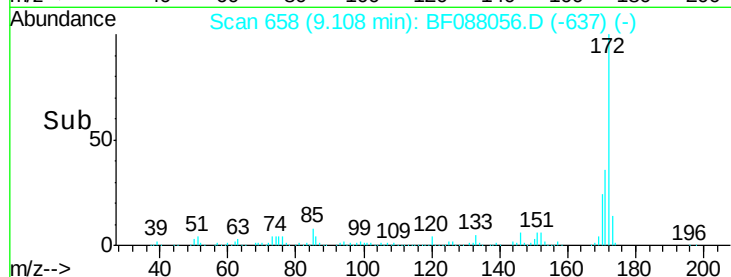
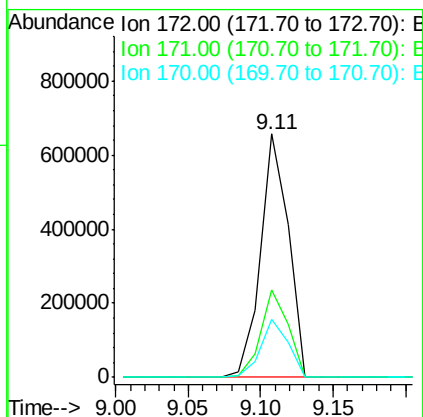
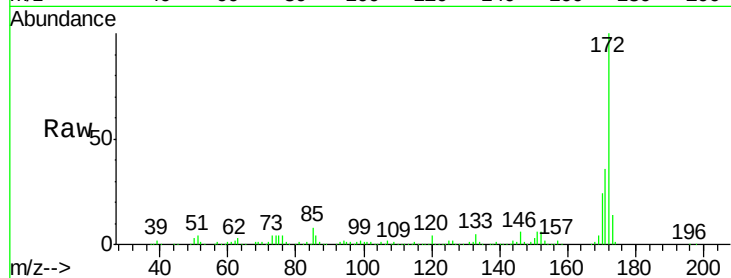




#44
2-Fluorobiphenyl
Concen: 74.21 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

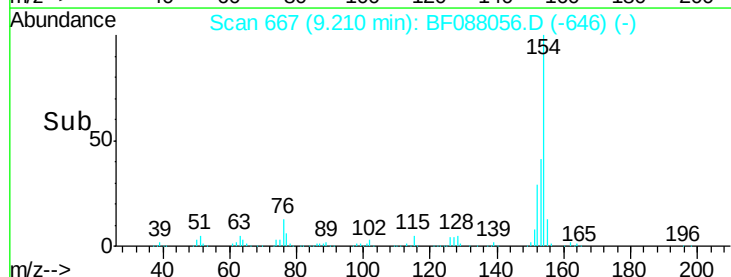
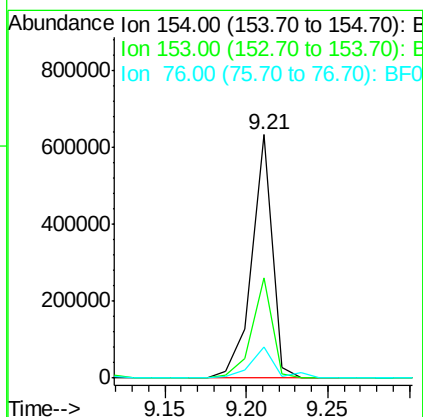
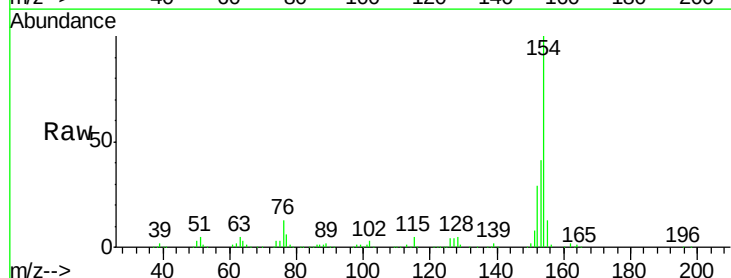
Instrument :
BNA_F
ClientSampleId :
PB91233BS

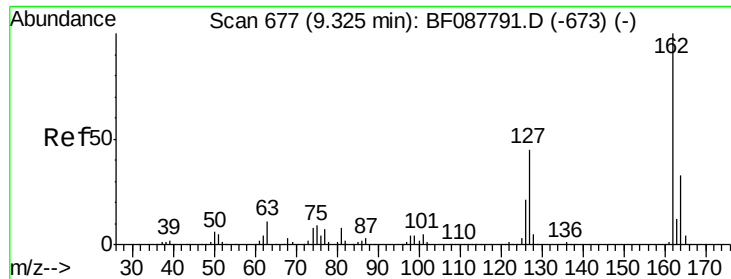
Tgt Ion:172 Resp: 870583
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.2 28.8



#45
1,1'-Biphenyl
Concen: 39.60 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion:154 Resp: 552870
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 12.8 0.0 35.1

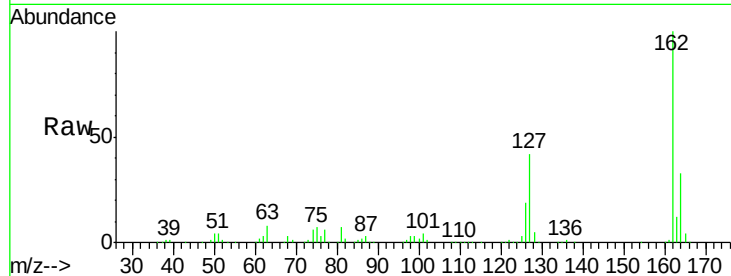




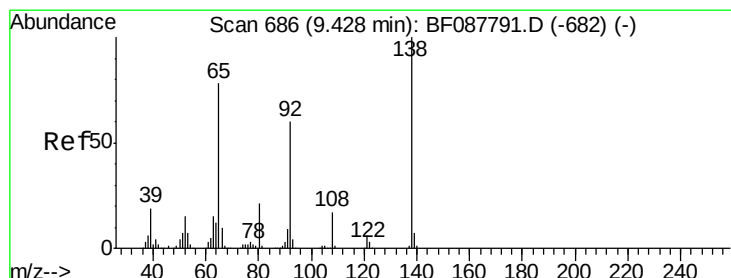
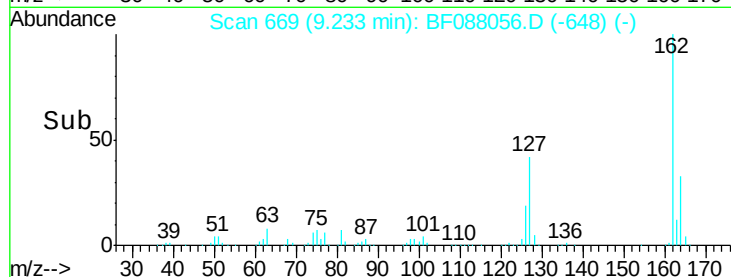
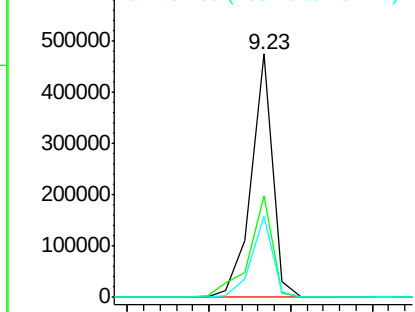
#46
 2-Chloronaphthalene
 Concen: 36.63 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

Tgt Ion: 162 Resp: 432711
 Ion Ratio Lower Upper
 162 100
 127 41.6 35.2 52.8
 164 33.4 26.6 39.8

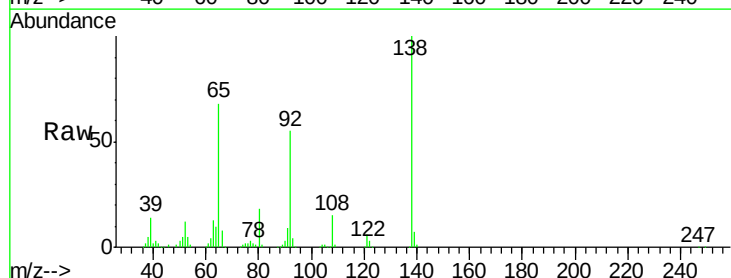


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

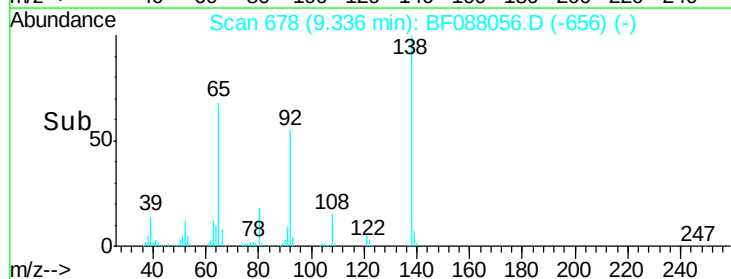
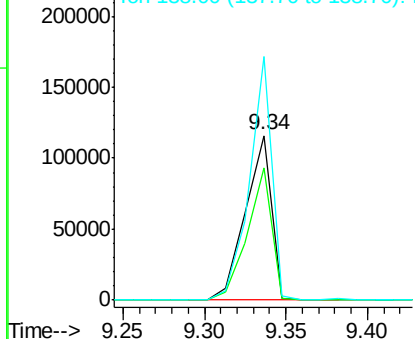


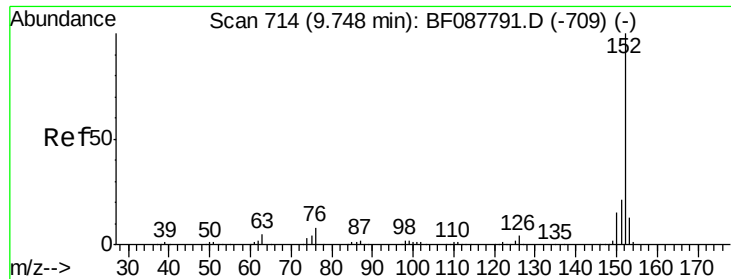
#47
 2-Nitroaniline
 Concen: 36.76 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion: 65 Resp: 128109
 Ion Ratio Lower Upper
 65 100
 92 80.6 54.6 82.0
 138 147.9 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: 34.10 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

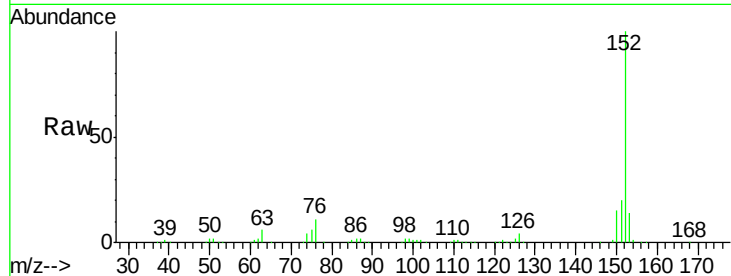
Tgt Ion:152 Resp: 640719

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

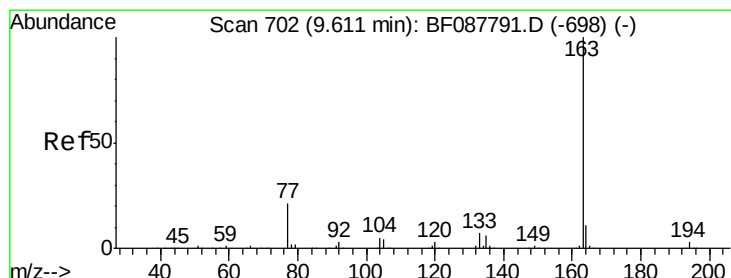
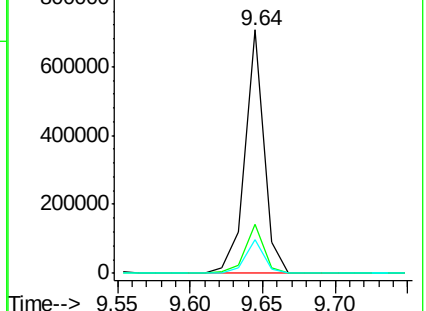
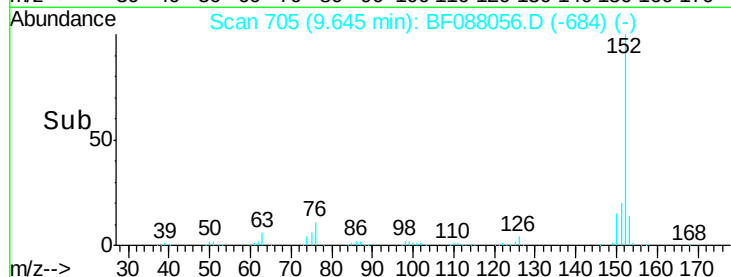
153 13.7 11.0 16.6



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: 40.02 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

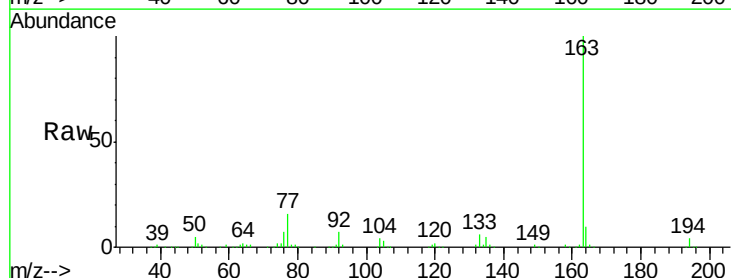
Tgt Ion:163 Resp: 529163

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

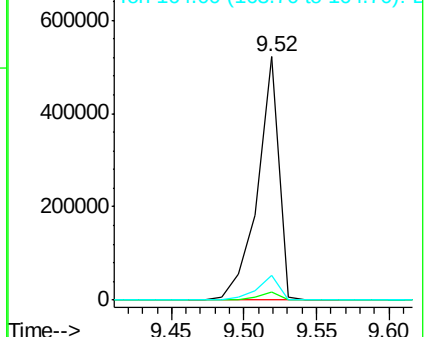
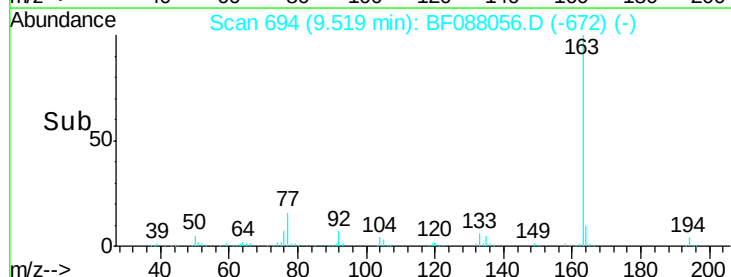
164 10.1 8.3 12.5

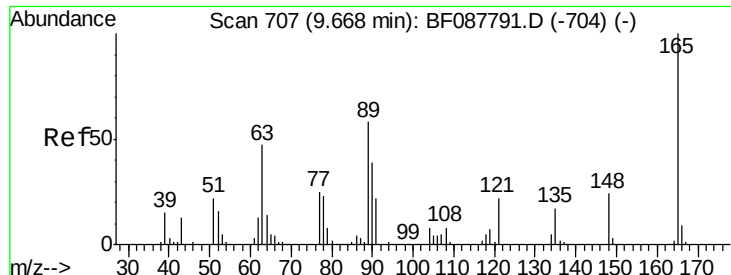


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

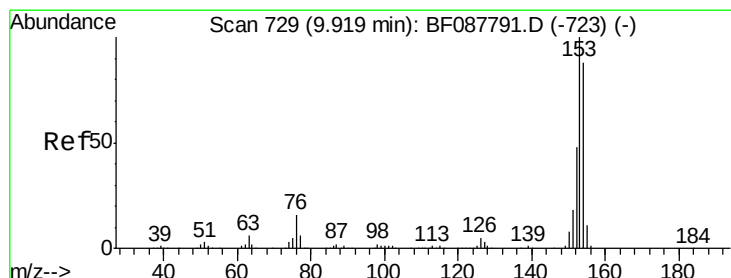
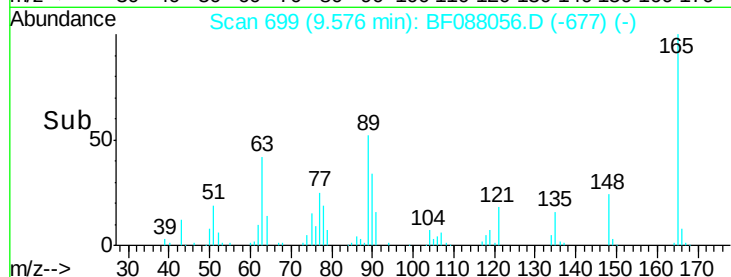
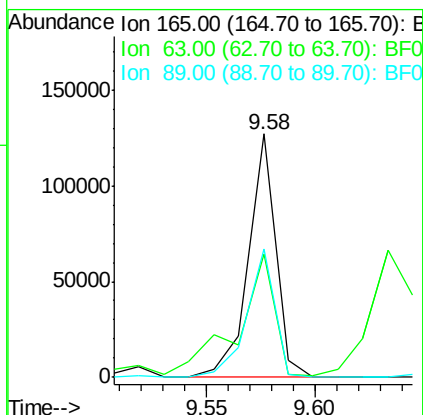
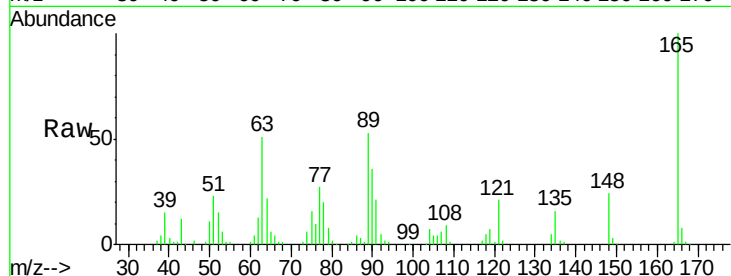




#50
 2,6-Dinitrotoluene
 Concen: 36.62 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

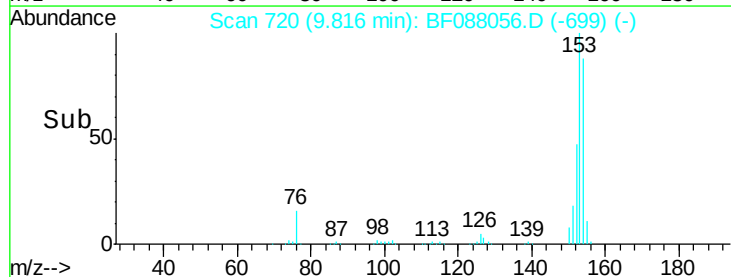
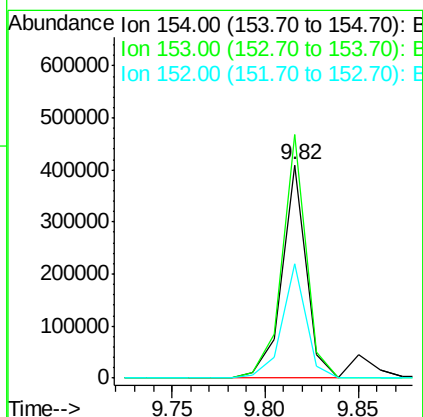
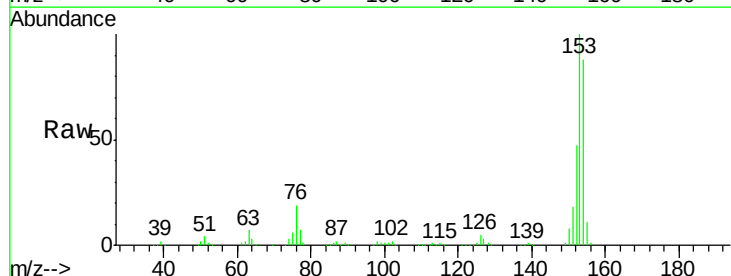
Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

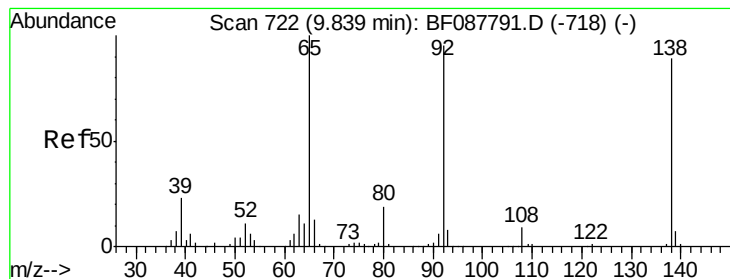
Tgt Ion:165 Resp: 110900
 Ion Ratio Lower Upper
 165 100
 63 50.8 28.1 42.1#
 89 52.7 32.2 48.2#



#51
 Acenaphthene
 Concen: 31.67 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:154 Resp: 371213
 Ion Ratio Lower Upper
 154 100
 153 114.0 89.5 134.3
 152 53.8 42.7 64.1





#52

3-Nitroaniline

Concen: 16.82 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

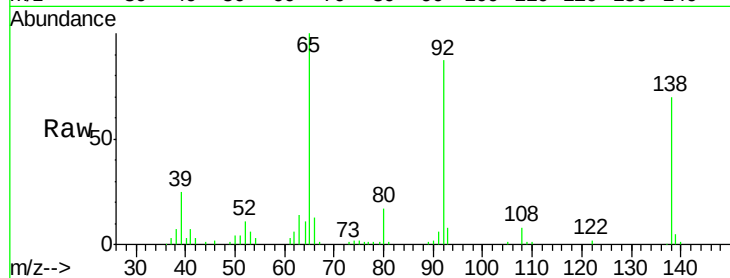
Tgt Ion:138 Resp: 58774

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

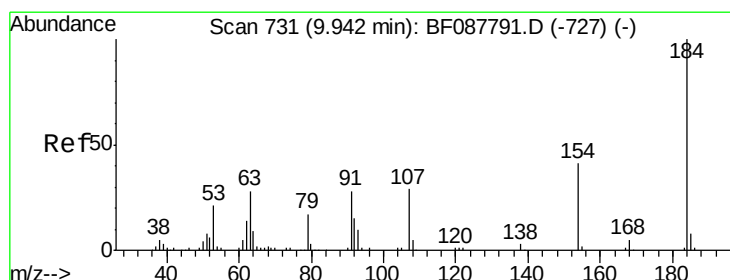
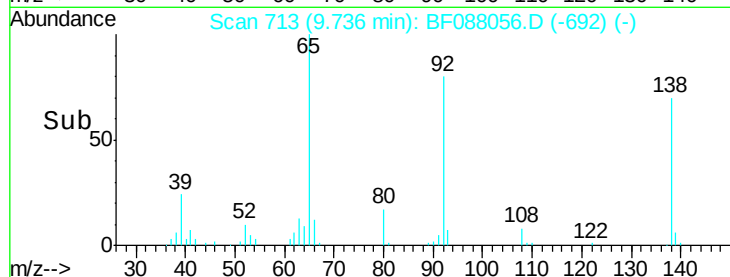
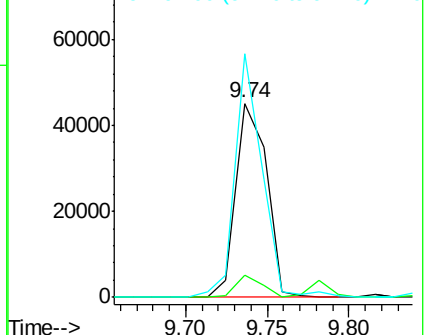
92 125.5 95.7 143.5



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: 49.25 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

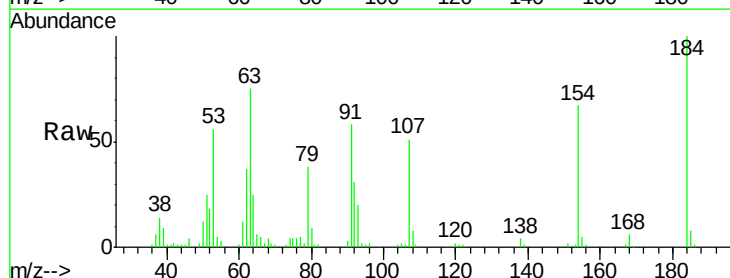
Tgt Ion:184 Resp: 72948

Ion Ratio Lower Upper

184 100

63 74.9 57.6 86.4

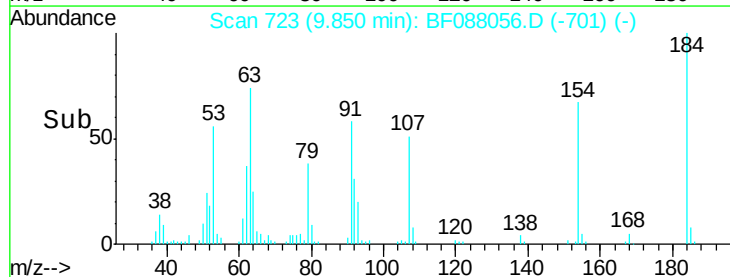
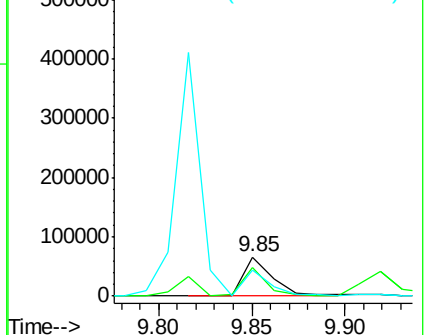
154 67.0 53.5 80.3

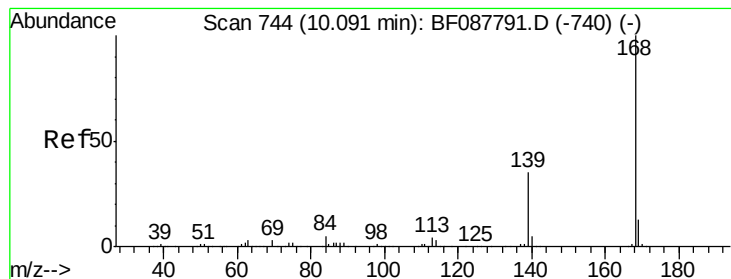


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 33.68 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

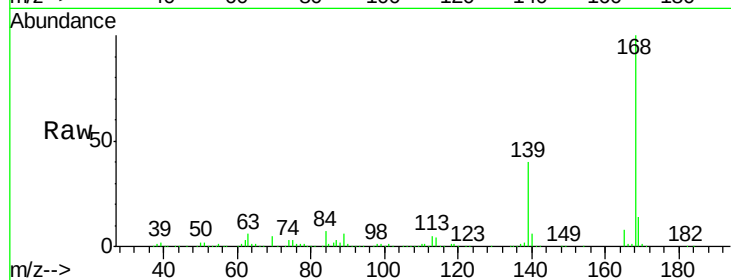
Tgt Ion:168 Resp: 543764

Ion Ratio Lower Upper

168 100

139 39.8 26.4 39.6#

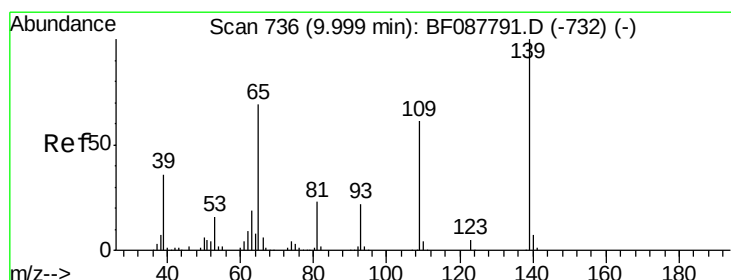
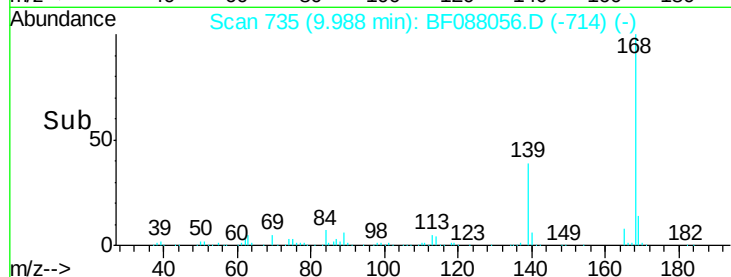
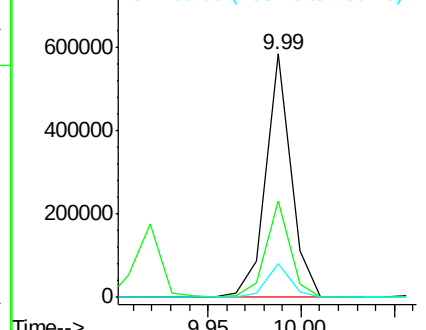
169 13.8 10.4 15.6



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: 61.78 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

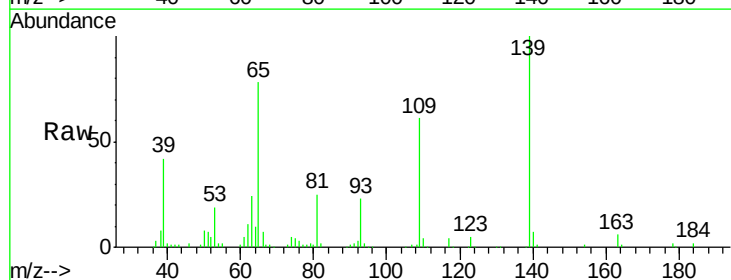
Tgt Ion:139 Resp: 167577

Ion Ratio Lower Upper

139 100

109 61.4 48.9 88.9

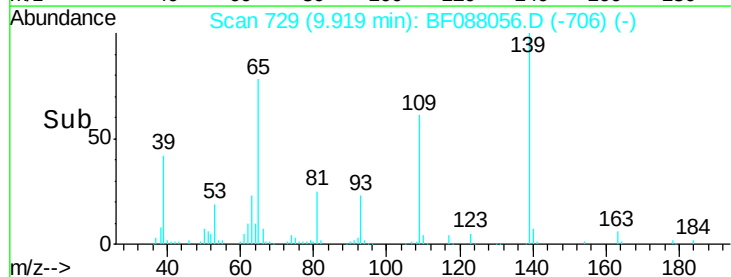
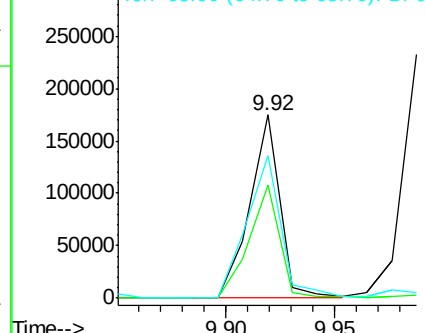
65 77.9 84.9 124.9#

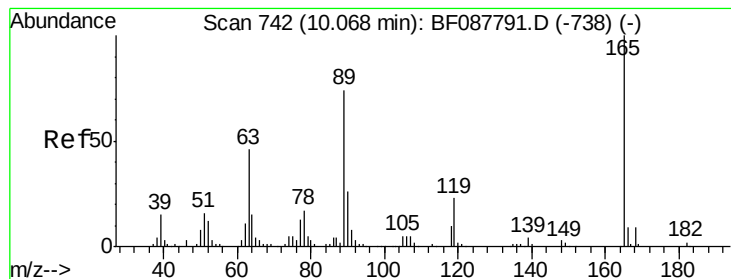


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 32.34 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

Tgt Ion:165 Resp: 125888

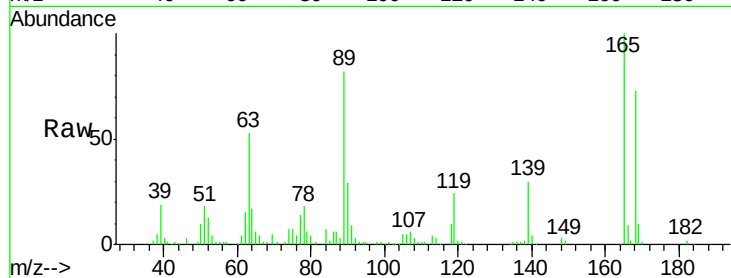
Ion Ratio Lower Upper

165 100

63 52.9 22.0 33.0#

89 81.5 41.1 61.7#

182 2.3 2.0 3.0

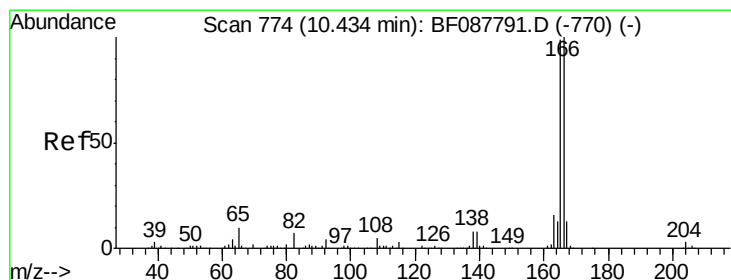
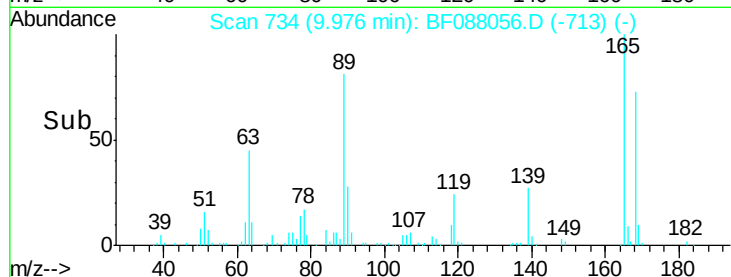
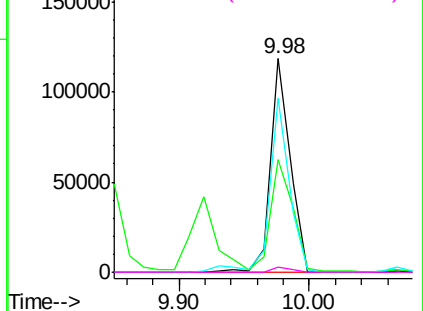


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.53 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

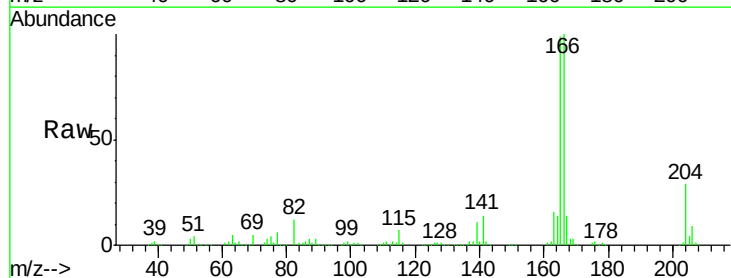
Tgt Ion:166 Resp: 418183

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

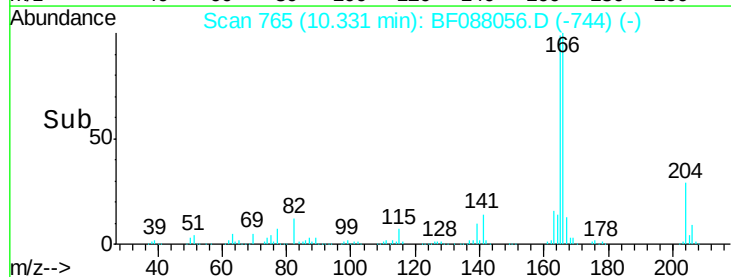
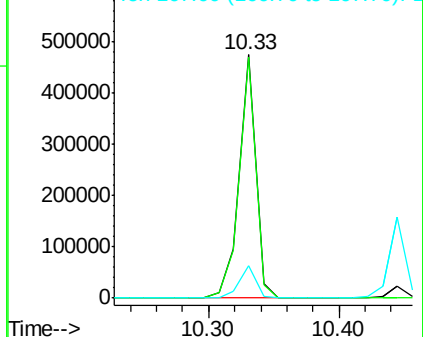
167 13.5 11.2 16.8

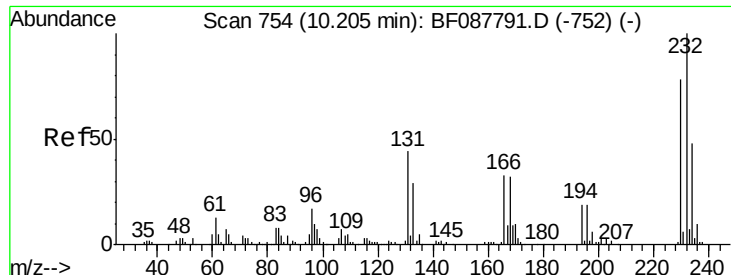


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

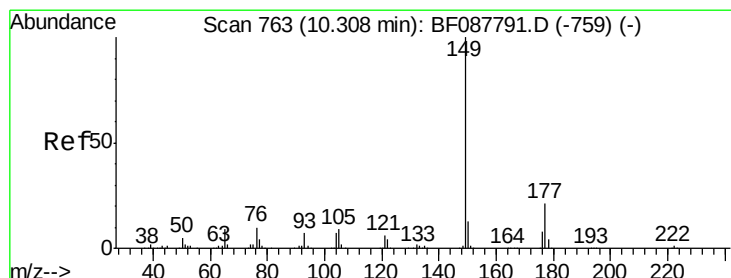
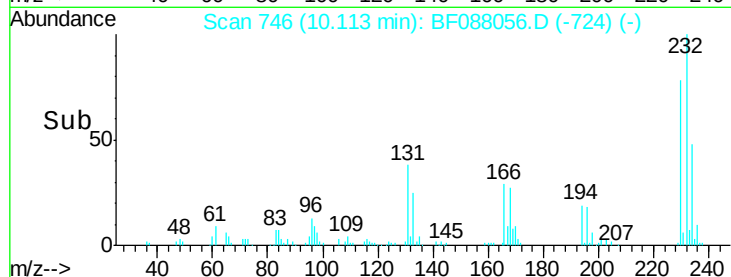
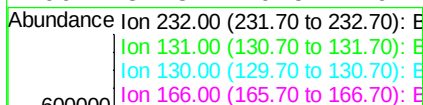
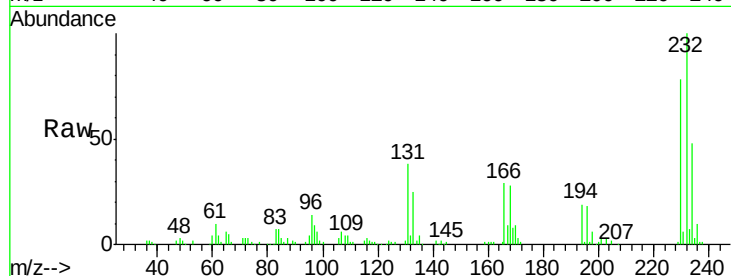




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.67 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

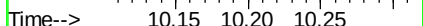
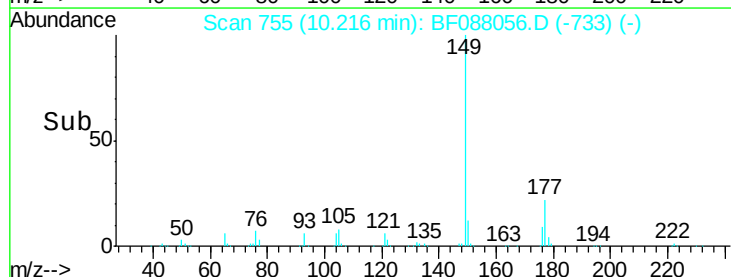
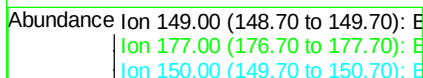
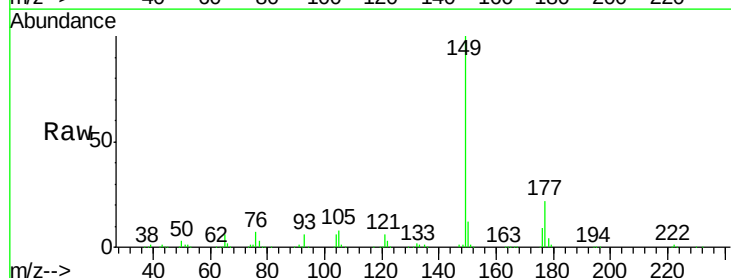
Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

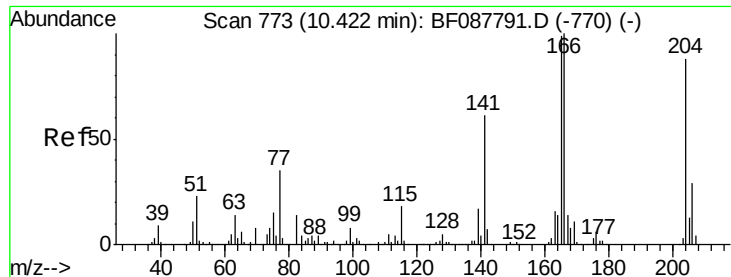
Tgt Ion:	232	Resp:	106467
Ion Ratio	Lower	Upper	
232	100		
131	46.1	0.9	1.3#
130	2.1	1.5	2.3
166	31.8	0.5	0.7#



#59
 Diethylphthalate
 Concen: 38.59 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:	149	Resp:	516584
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.9	25.3
150	12.4	10.1	15.1

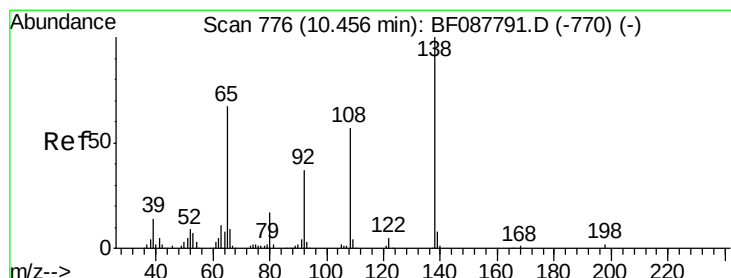
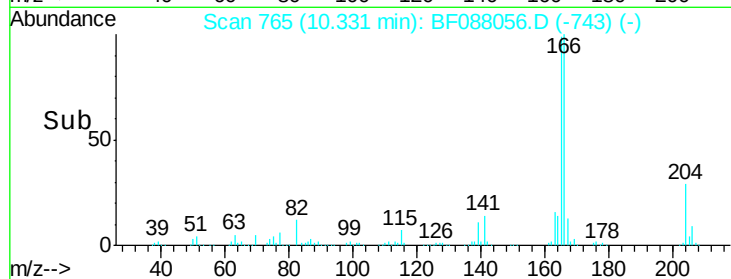
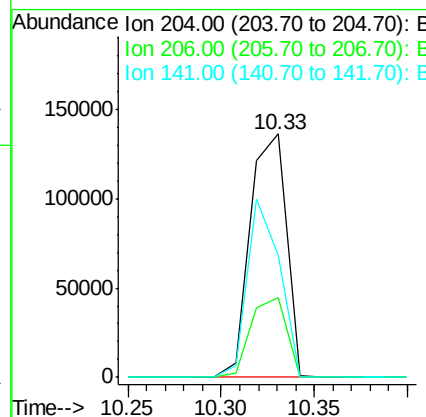
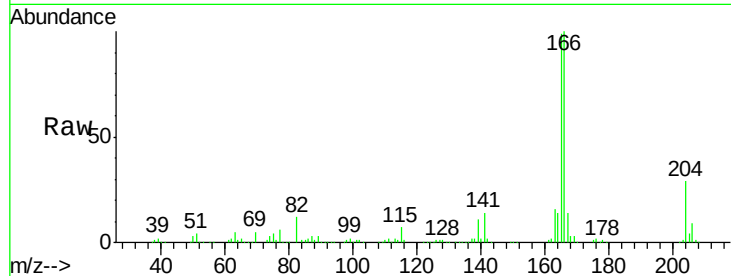




#60
 4-Chlorophenyl-phenylether
 Concen: 34.04 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.05 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

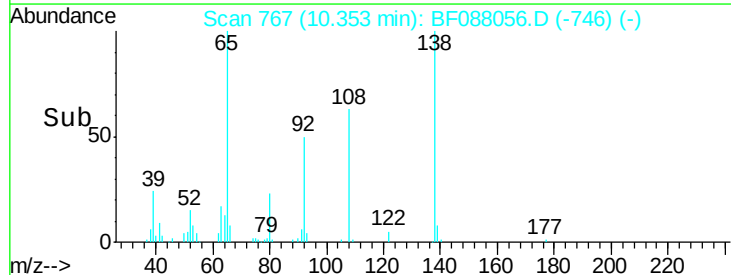
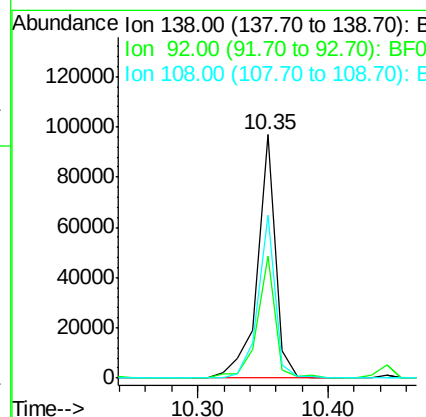
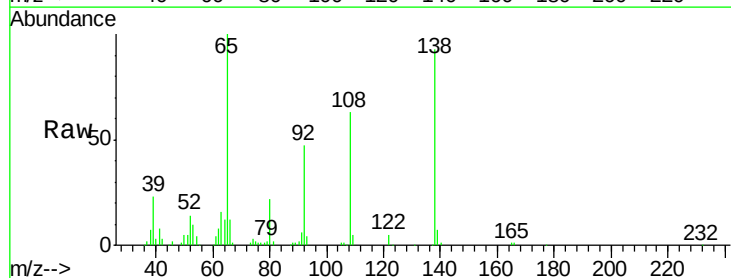
Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

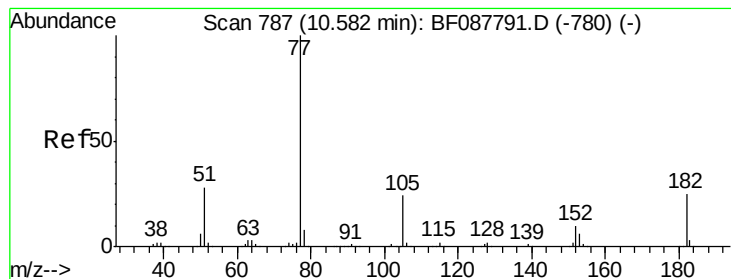
Tgt Ion: 204 Resp: 182751
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.3 39.5
 141 50.0 55.0 82.6#



#61
 4-Nitroaniline
 Concen: 28.44 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion: 138 Resp: 94280
 Ion Ratio Lower Upper
 138 100
 92 50.3 27.3 67.3
 108 67.1 46.7 86.7





#62

Azobenzene

Concen: 34.18 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

Tgt Ion: 77 Resp: 452473

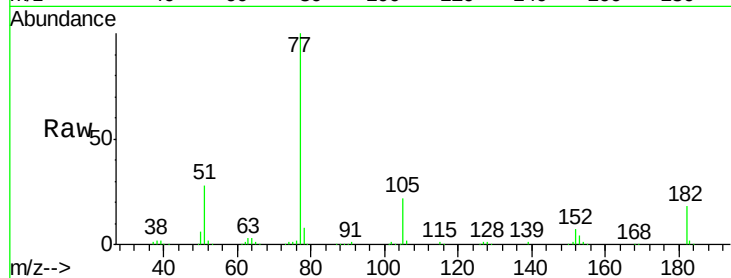
Ion Ratio Lower Upper

77 100

182 17.6 4.4 44.4

105 21.6 3.8 43.8

51 27.8 9.3 49.3

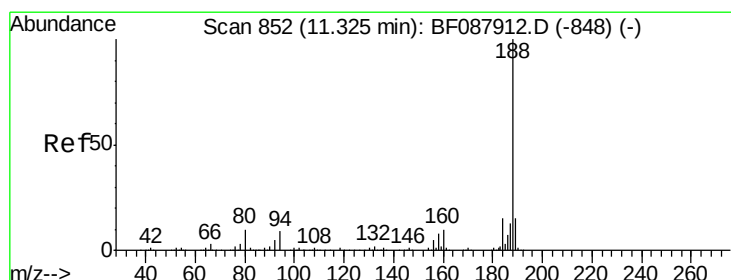
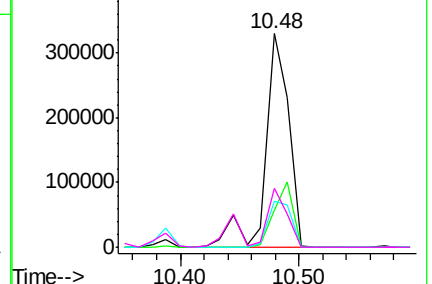
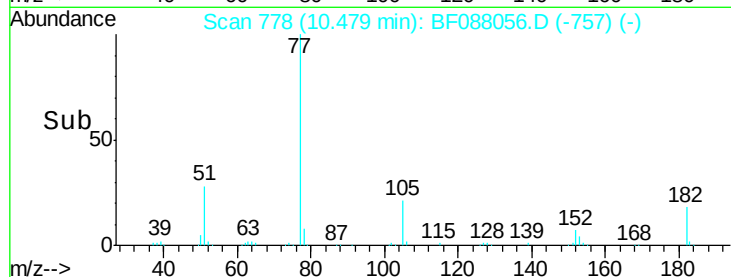


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

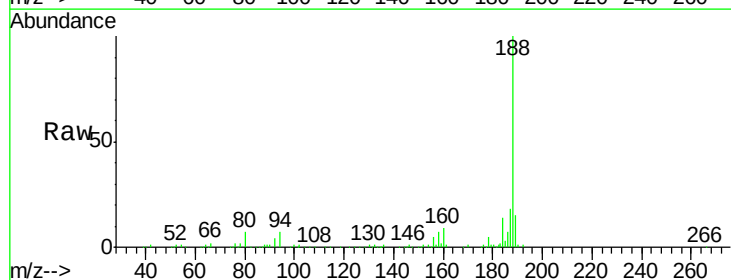
Tgt Ion: 188 Resp: 303693

Ion Ratio Lower Upper

188 100

94 7.0 9.0 13.6#

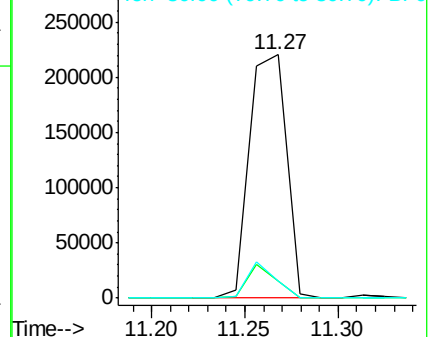
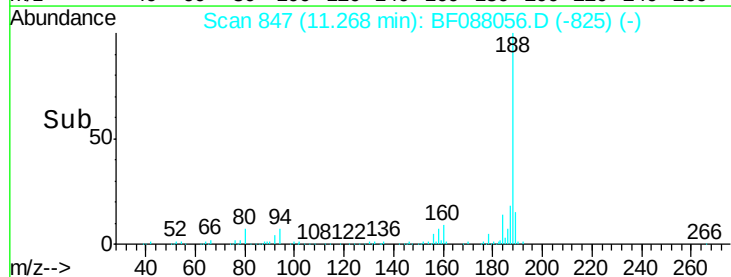
80 6.8 10.0 15.0#

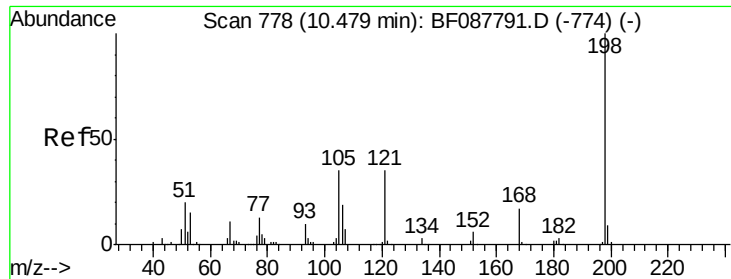


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 33.43 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

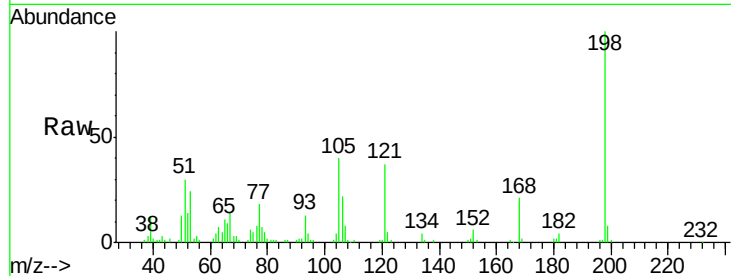
Tgt Ion:198 Resp: 62078

Ion Ratio Lower Upper

198 100

51 30.3 39.6 79.6#

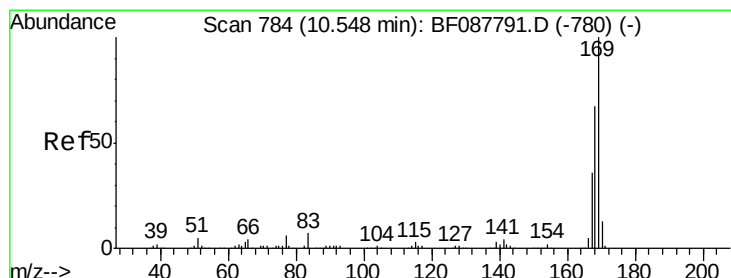
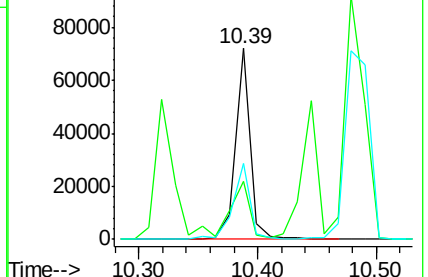
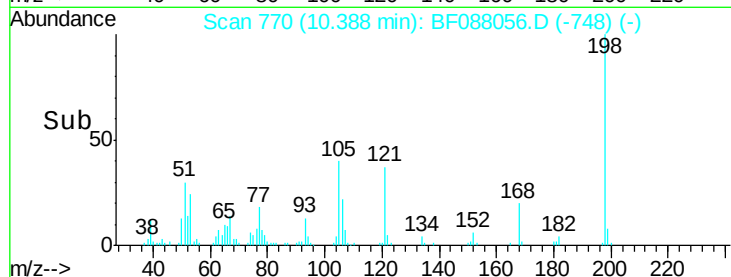
105 40.1 36.6 76.6



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: 37.84 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

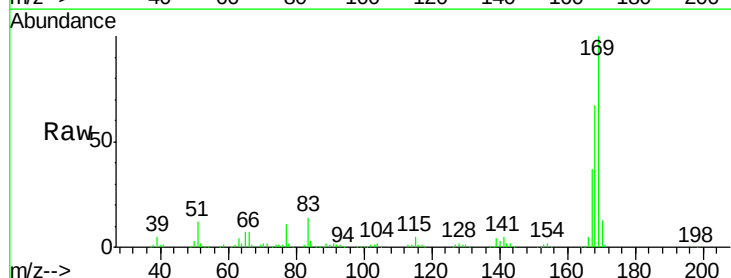
Tgt Ion:169 Resp: 381358

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

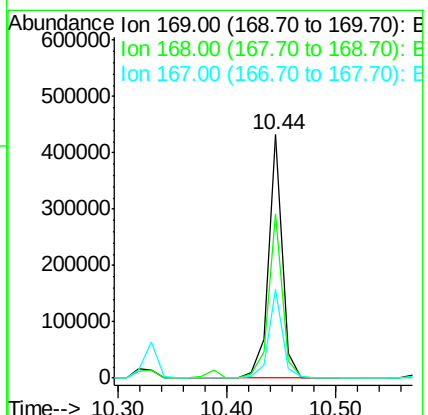
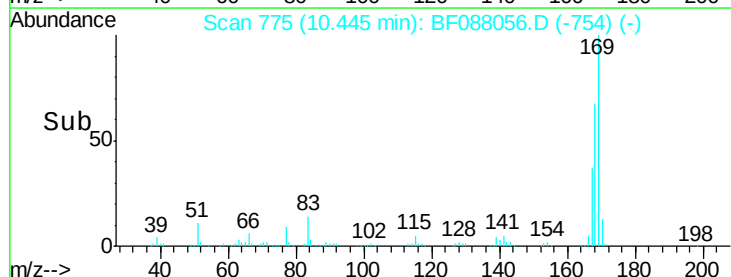
167 36.6 29.4 44.0

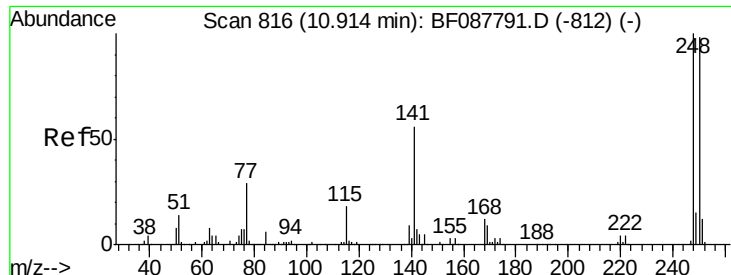


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

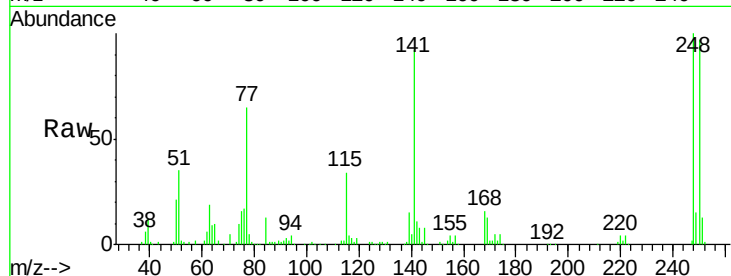




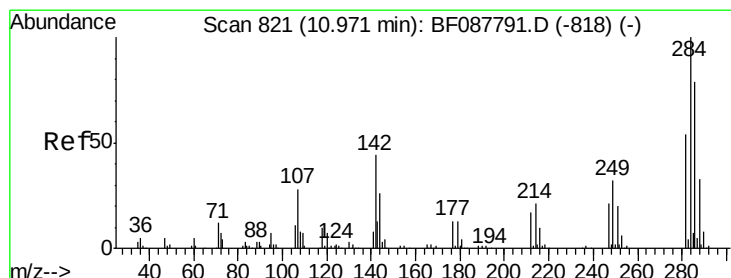
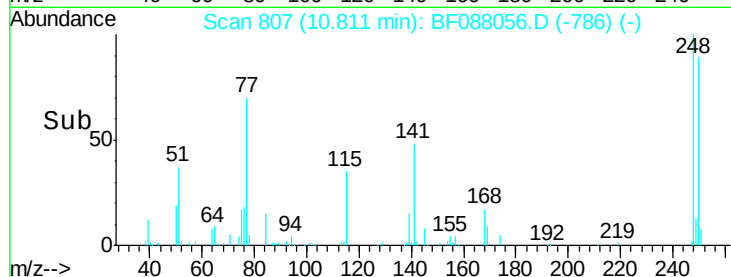
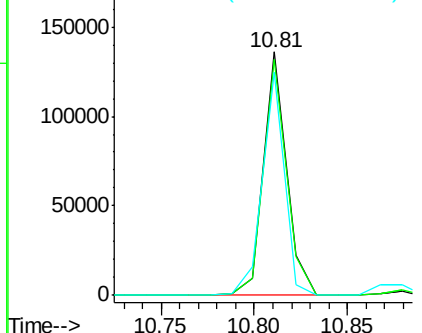
#66
4-Bromophenyl-phenylether
Concen: 35.49 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Instrument :
BNA_F
ClientSampleId :
PB91233BS

Tgt Ion:248 Resp: 115633
Ion Ratio Lower Upper
248 100
250 97.0 77.1 115.7
141 91.5 50.6 76.0#

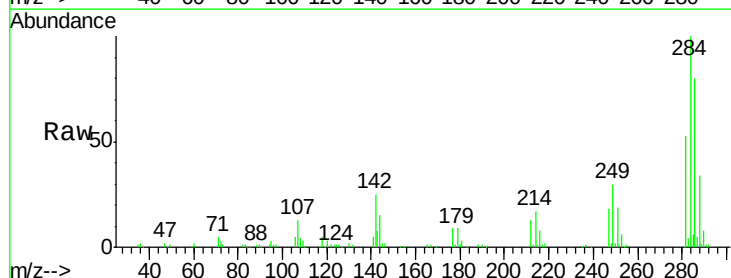


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

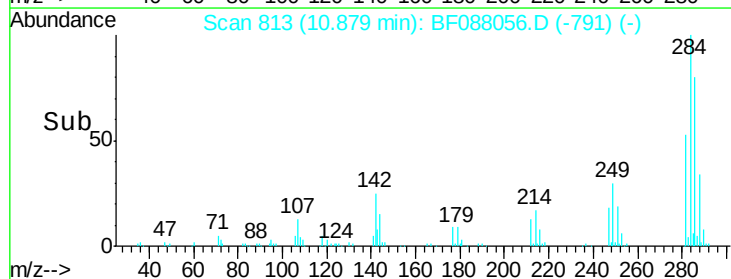
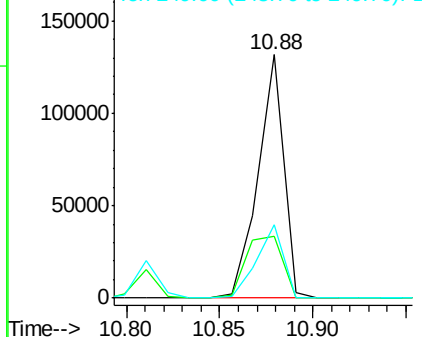


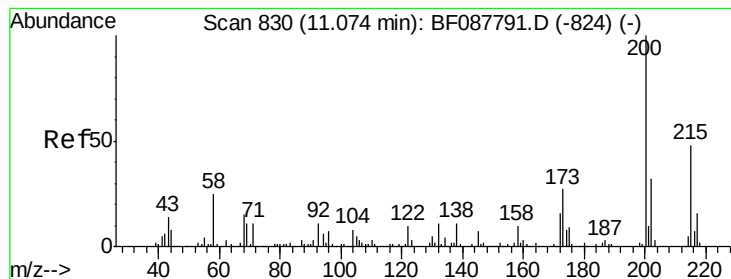
#67
Hexachlorobenzene
Concen: 36.79 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion:284 Resp: 124536
Ion Ratio Lower Upper
284 100
142 25.4 35.8 53.8#
249 30.1 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: 35.72 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

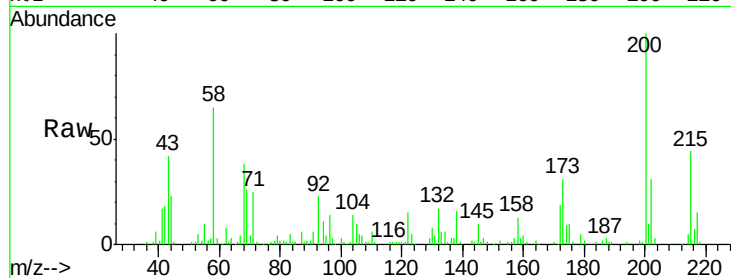
Tgt Ion:200 Resp: 108989

Ion Ratio Lower Upper

200 100

173 30.5 4.0 44.0

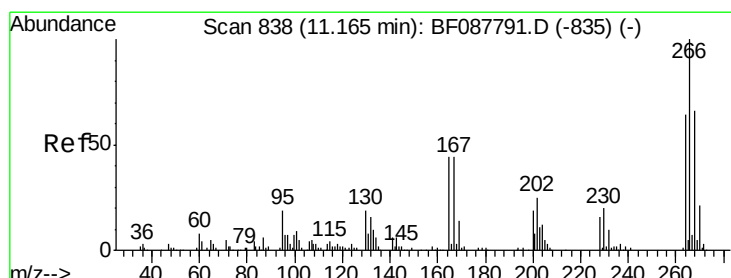
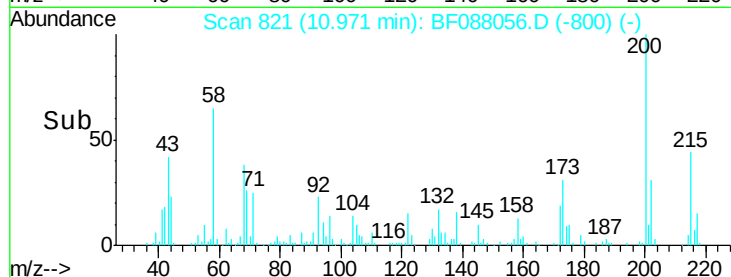
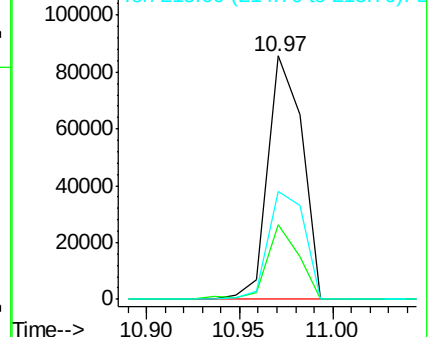
215 44.1 29.3 69.3



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: 63.27 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

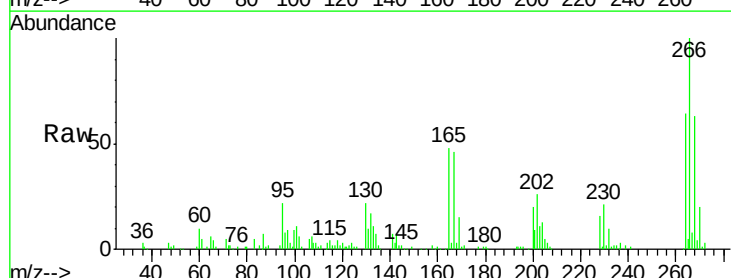
Tgt Ion:266 Resp: 112897

Ion Ratio Lower Upper

266 100

268 62.9 52.8 79.2

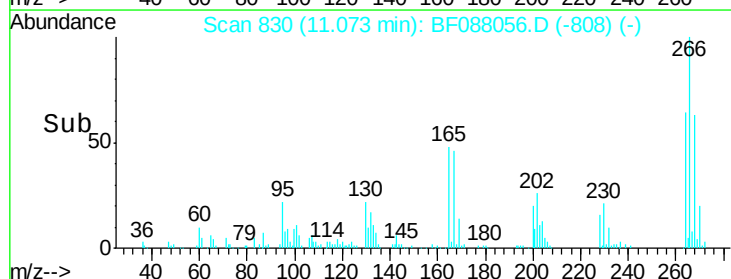
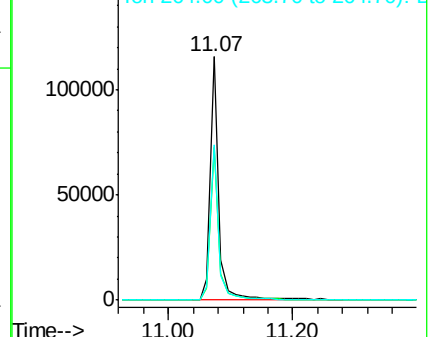
264 63.9 49.6 74.4

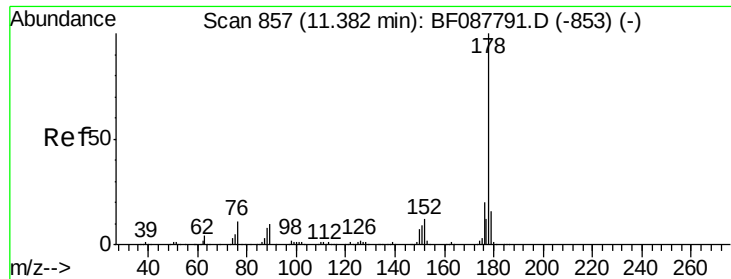


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

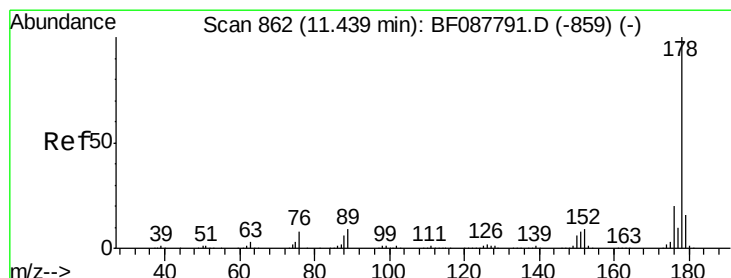
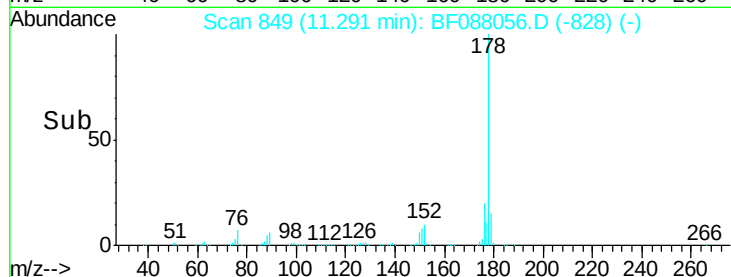
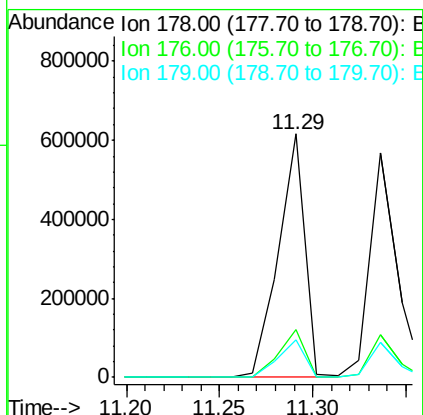
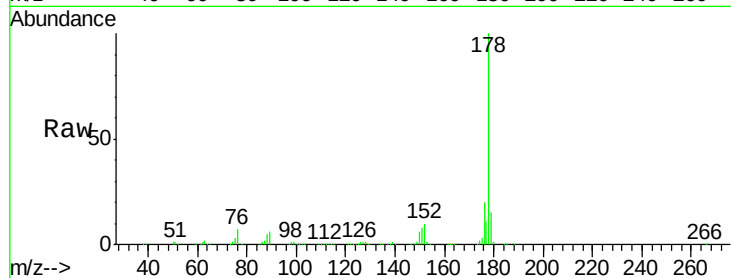




#70
Phenanthrene
Concen: 38.17 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

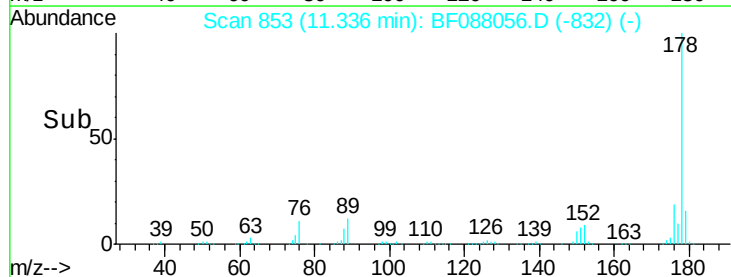
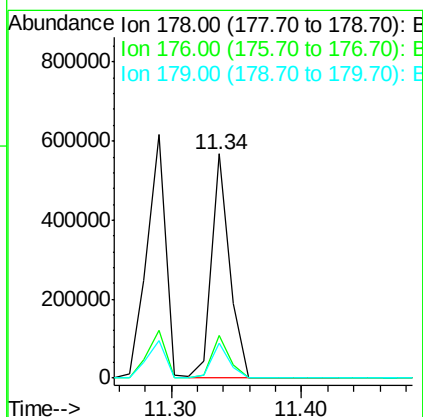
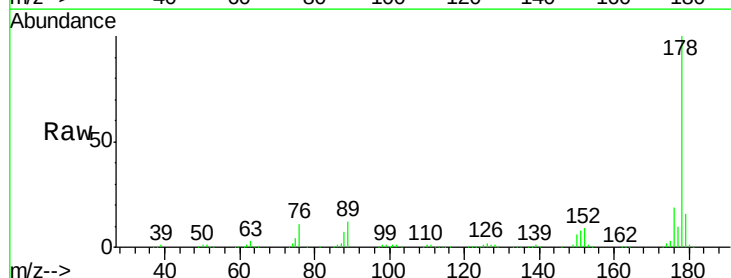
Instrument :
BNA_F
ClientSampleId :
PB91233BS

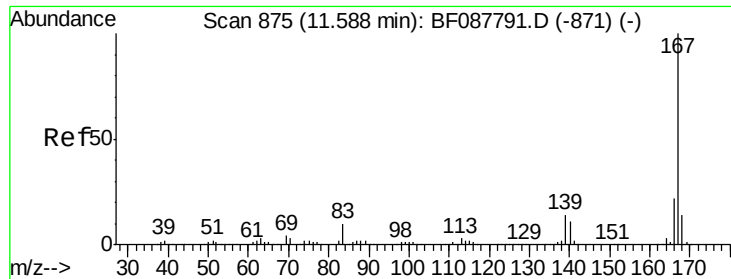
Tgt Ion:178 Resp: 608230
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.3 13.0 19.4



#71
Anthracene
Concen: 34.32 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion:178 Resp: 551658
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.9 12.8 19.2

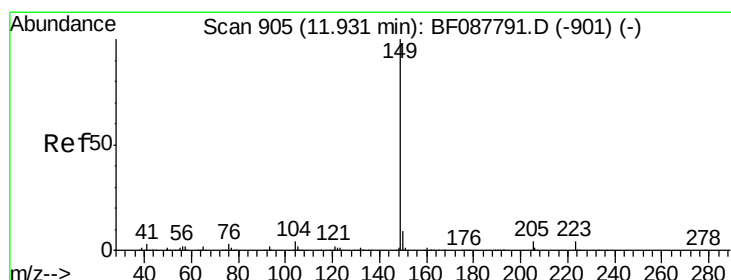
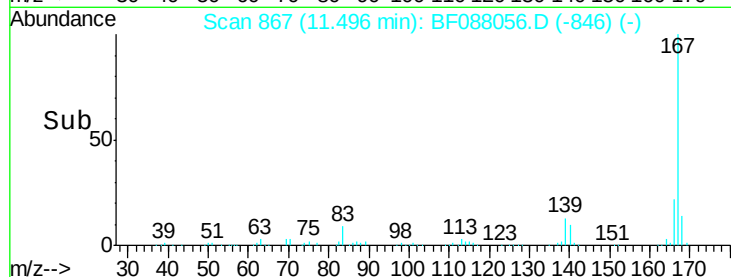
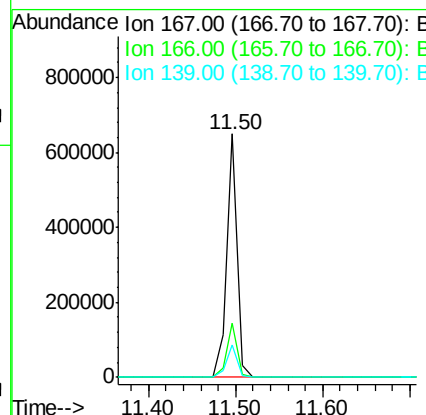
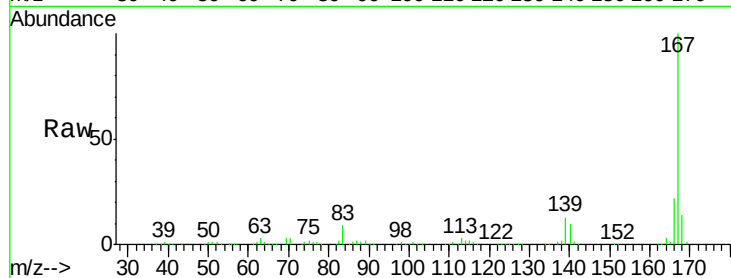




#72
 Carbazole
 Concen: 36.59 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

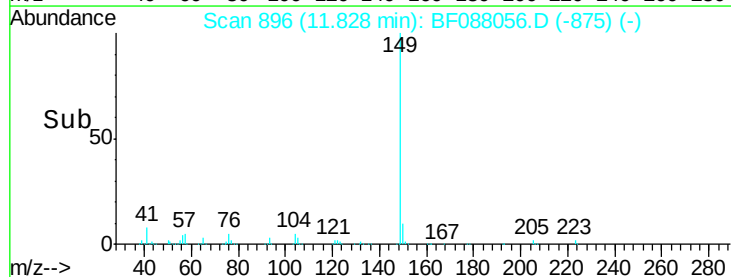
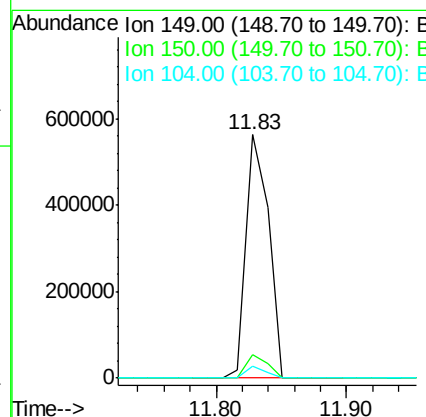
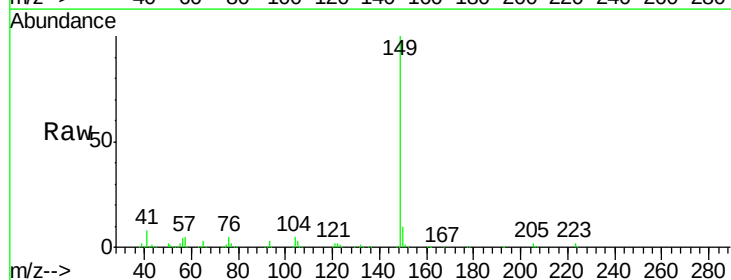
Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

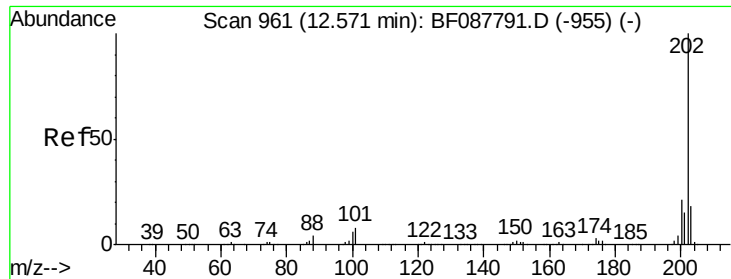
Tgt Ion:167 Resp: 550416
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.4 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 35.27 ng
 RT: 11.83 min Scan# 896
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion:149 Resp: 671574
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.0 4.0 6.0

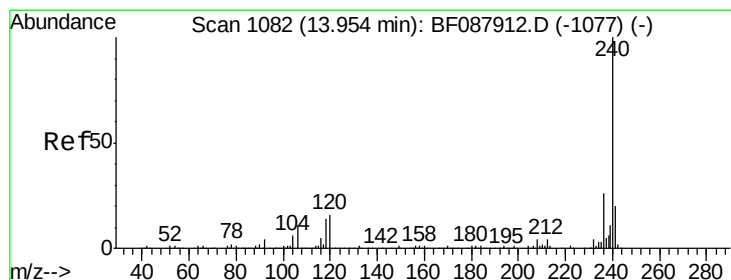
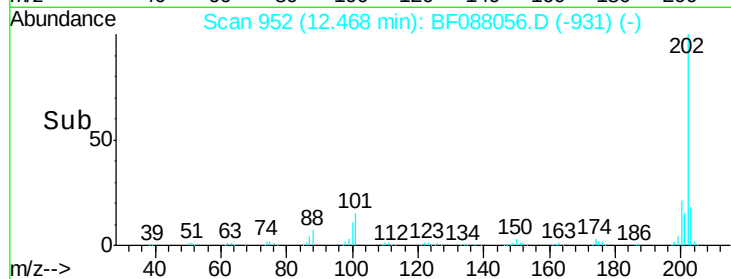
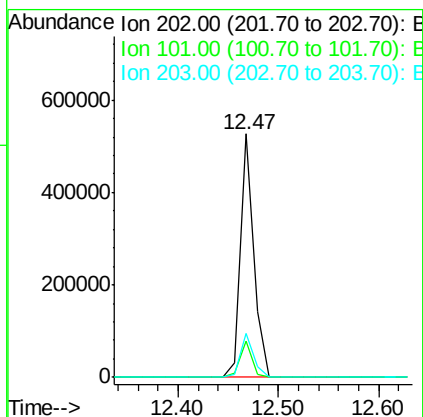
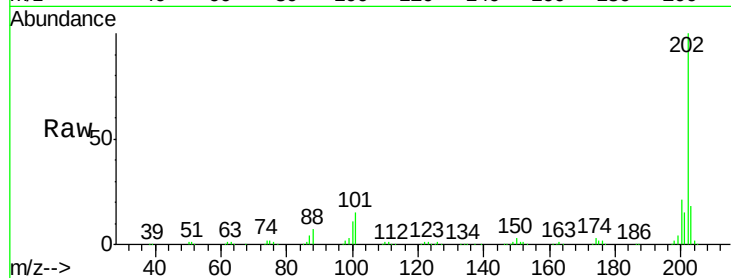




#74
 Fluoranthene
 Concen: 28.78 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

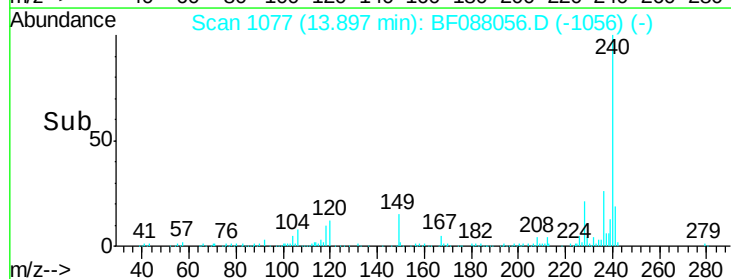
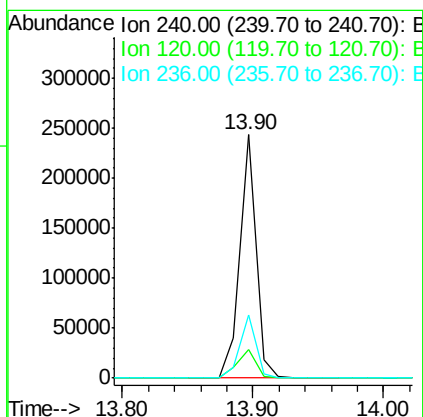
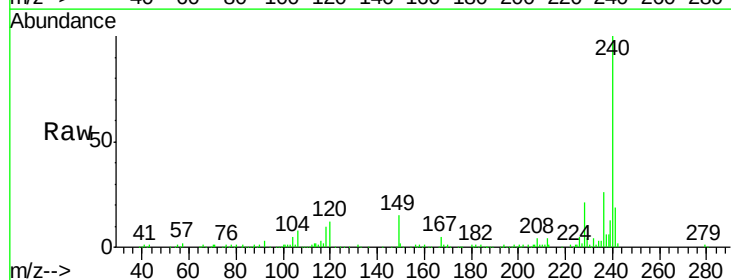
Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

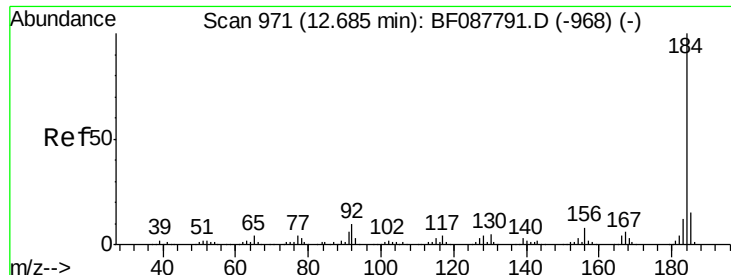
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	484027		
101	15.1		0.0	33.1
203	18.0		0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	209305		
120	11.8		6.8	10.2#
236	25.7		20.2	30.2





#76

Benzidine

Concen: 44.57 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

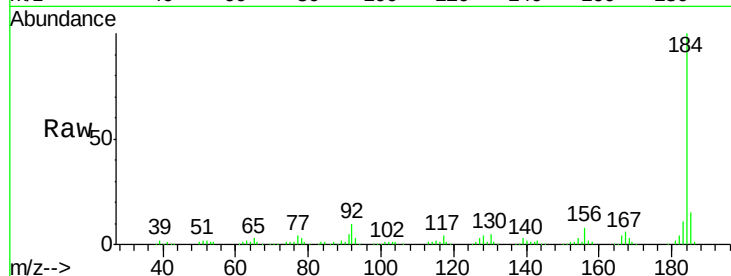
Tgt Ion:184 Resp: 258315

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

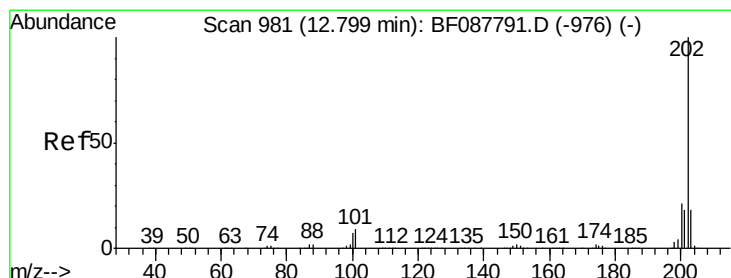
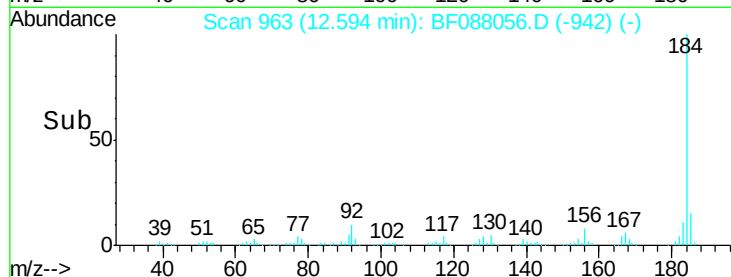
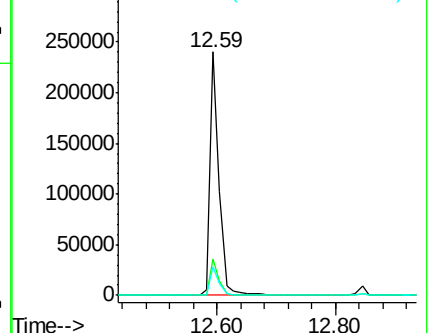
183 11.5 9.3 13.9



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: 32.08 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

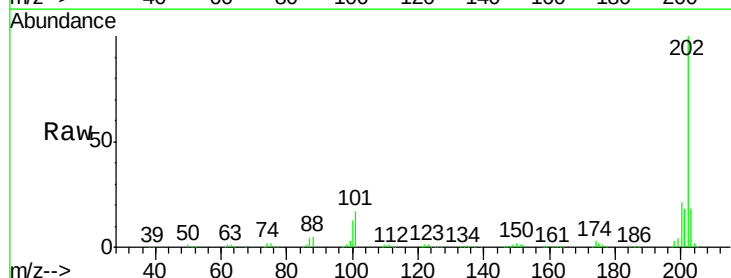
Tgt Ion:202 Resp: 498249

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

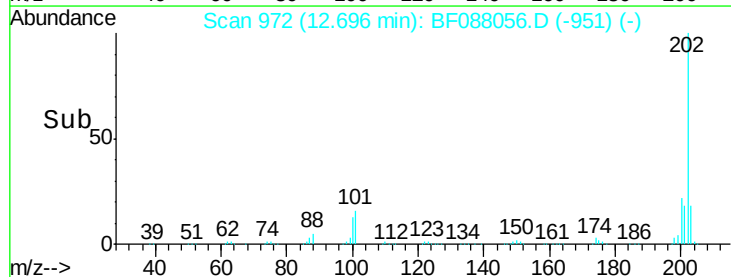
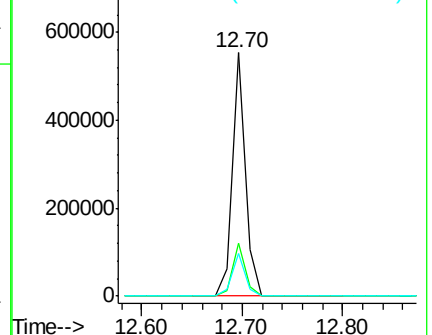
203 17.8 14.5 21.7

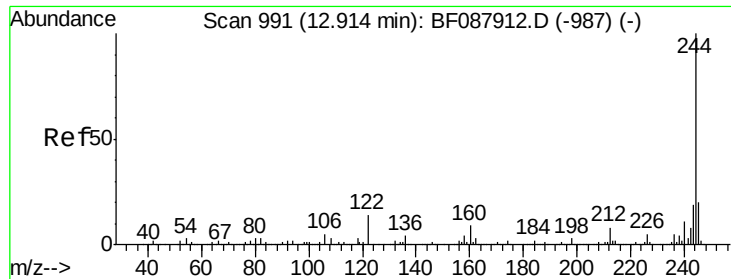


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

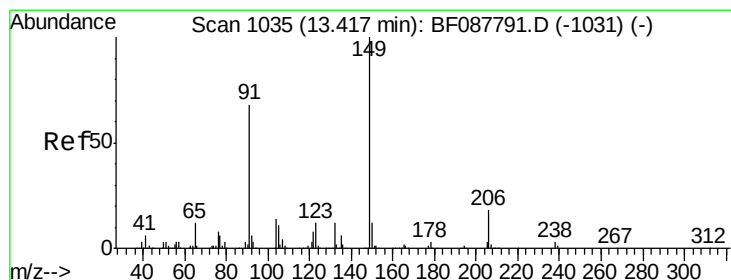
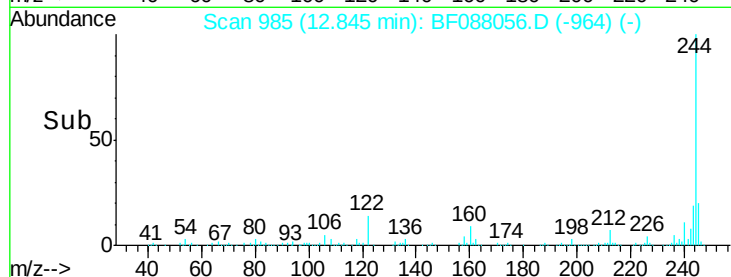
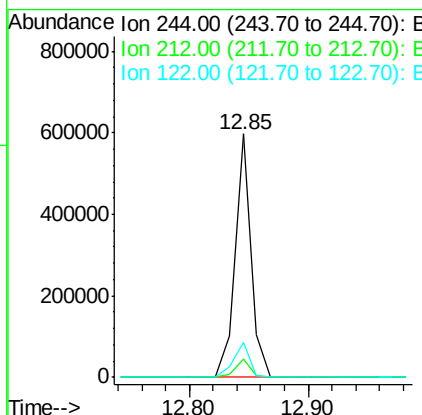
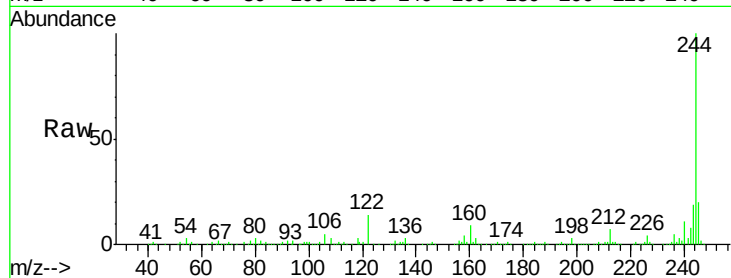




#78
 Terphenyl-d14
 Concen: 60.30 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

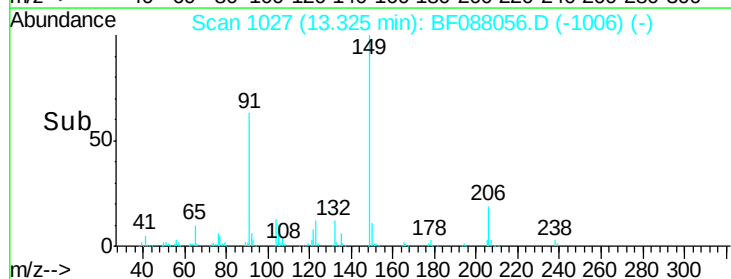
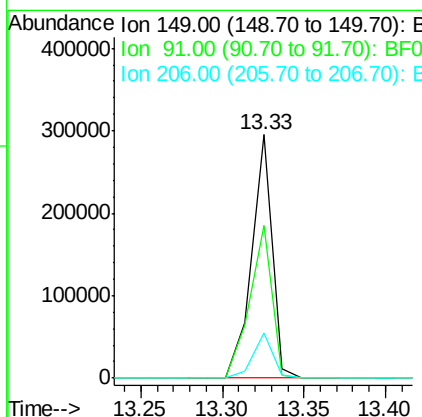
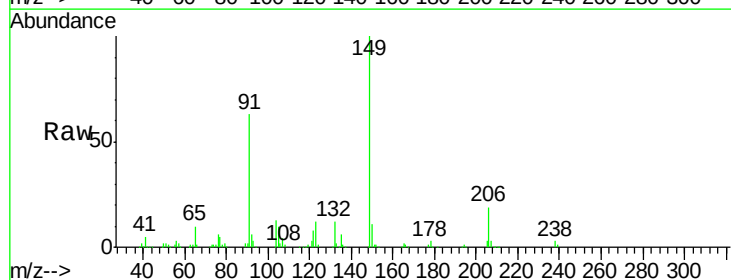
Instrument :
 BNA_F
 ClientSampleId :
 PB91233BS

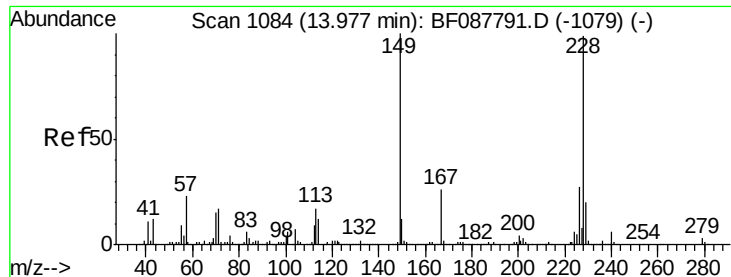
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.4	11.2	16.8



#79
 Butylbenzylphthalate
 Concen: 37.38 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.06 min
 Lab File: BF088056.D
 Acq: 16 Jun 2016 1:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.6	48.0	72.0
206	18.5	16.0	24.0





#80

Benzo(a)anthracene

Concen: 35.40 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

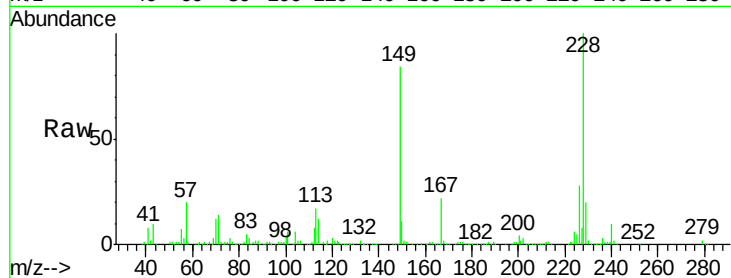
Tgt Ion:228 Resp: 422255

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

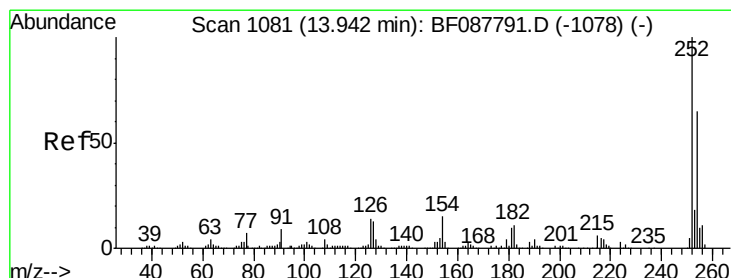
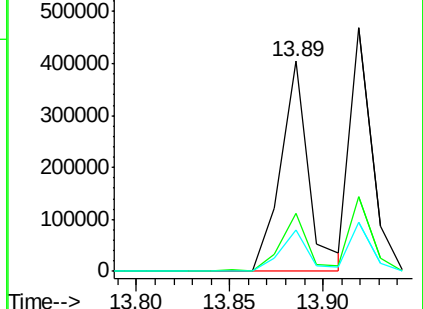
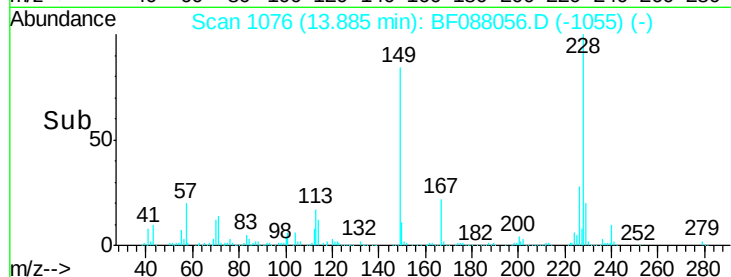
229 19.8 16.0 24.0



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: 37.22 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

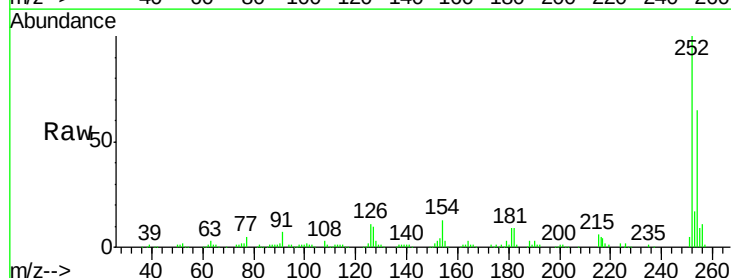
Tgt Ion:252 Resp: 119395

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

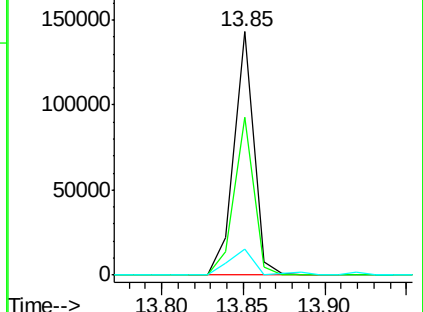
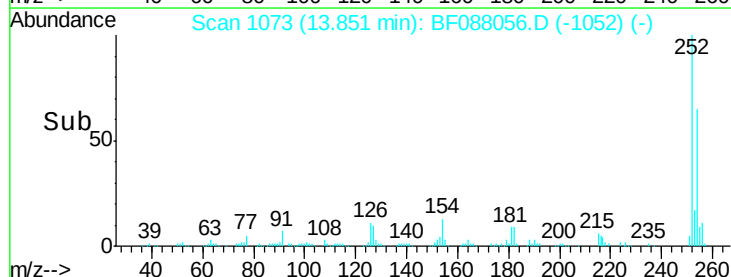
126 10.9 6.2 9.2#

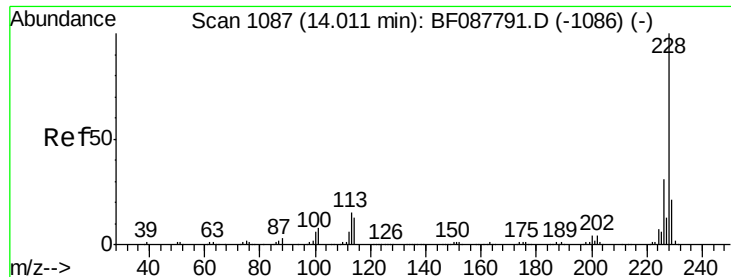


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.63 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

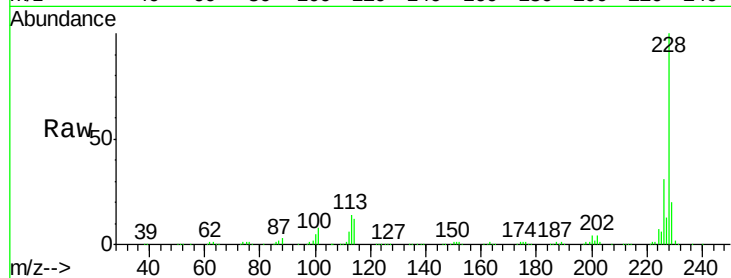
Tgt Ion: 228 Resp: 388539

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.2

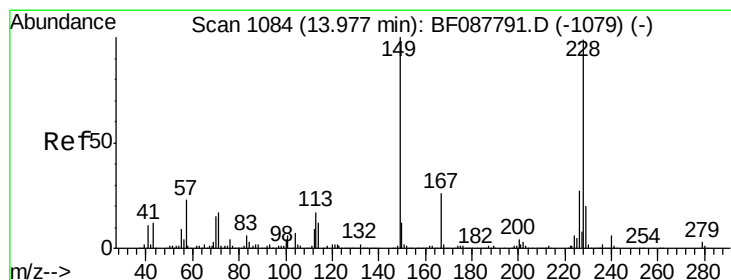
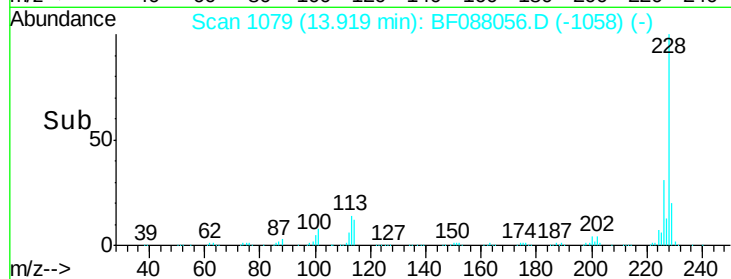
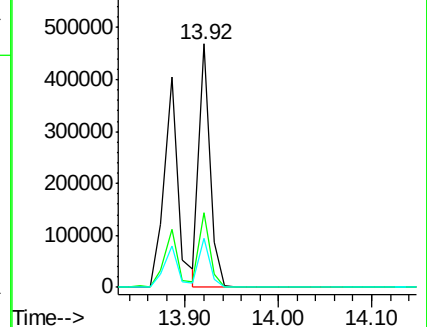
229 20.2 16.3 24.5



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: 35.67 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

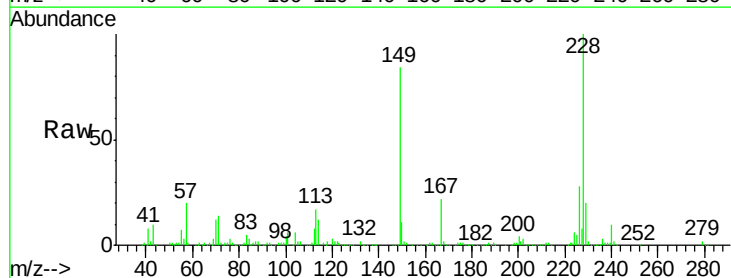
Tgt Ion: 149 Resp: 298196

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

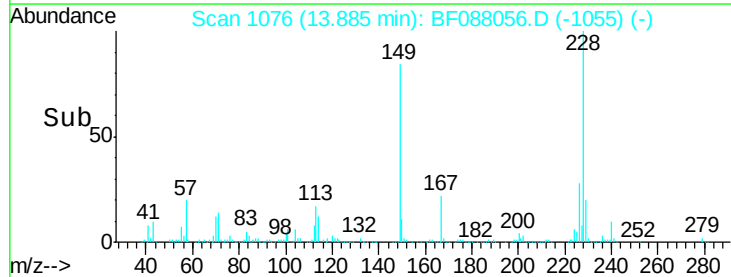
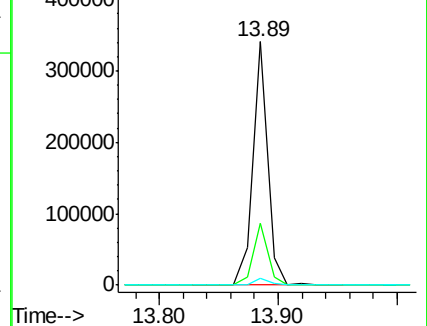
279 2.8 2.0 3.0

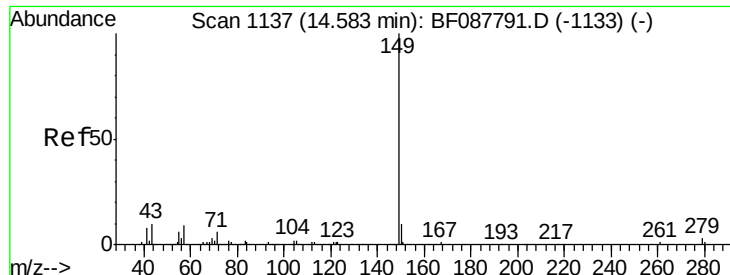


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.32 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.06 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

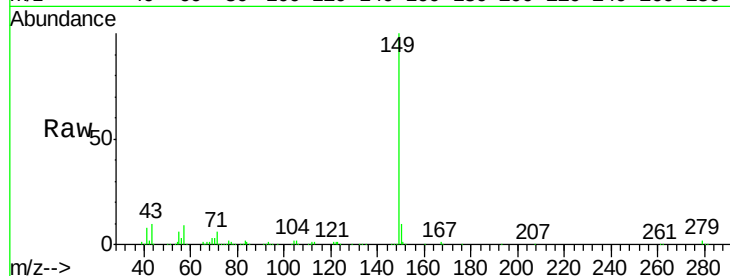
Tgt Ion:149 Resp: 561196

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

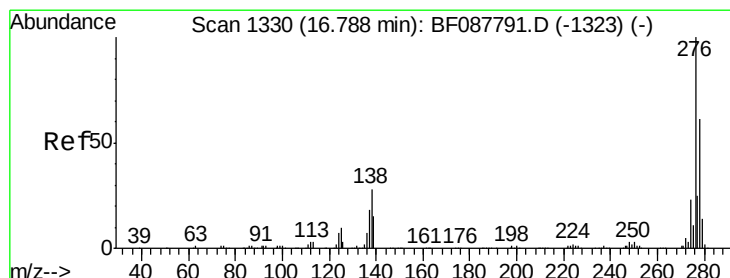
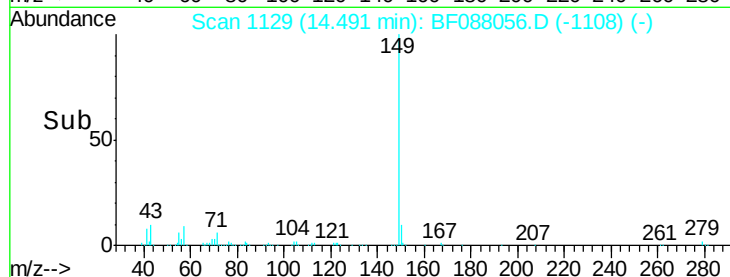
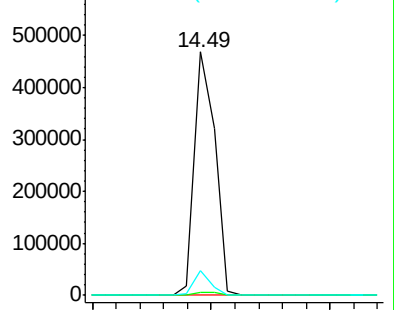
43 8.2 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.83 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.09 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

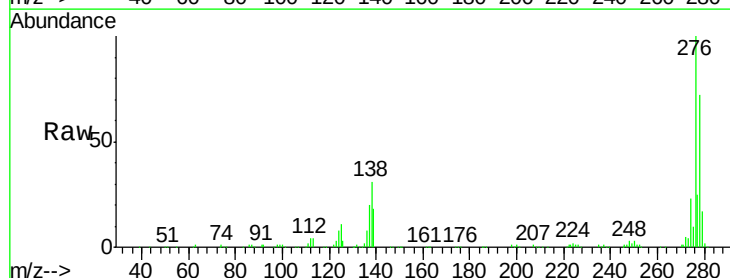
Tgt Ion:276 Resp: 404836

Ion Ratio Lower Upper

276 100

138 30.8 0.0 0.0#

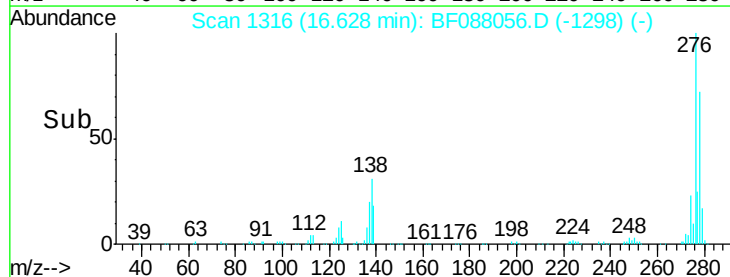
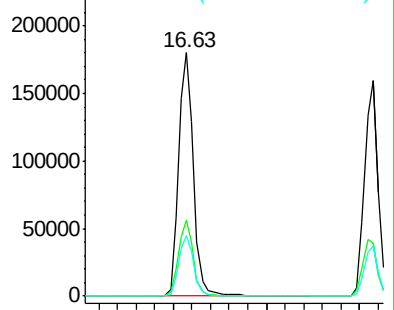
277 24.9 0.0 0.0#

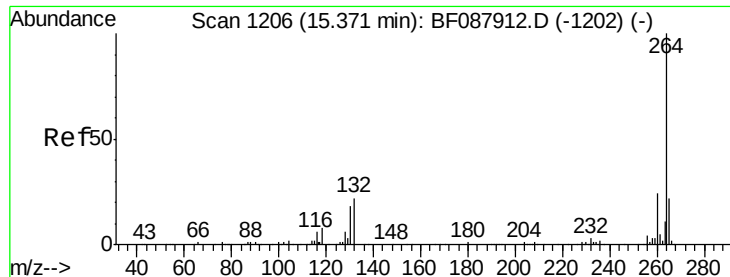


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

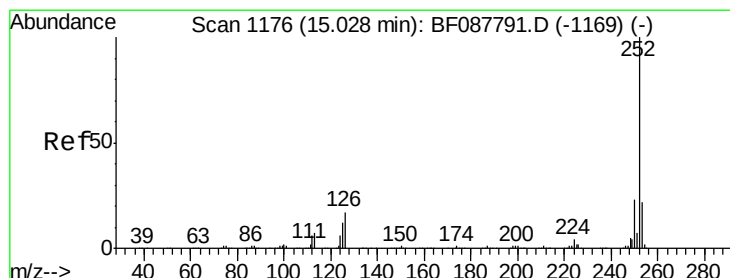
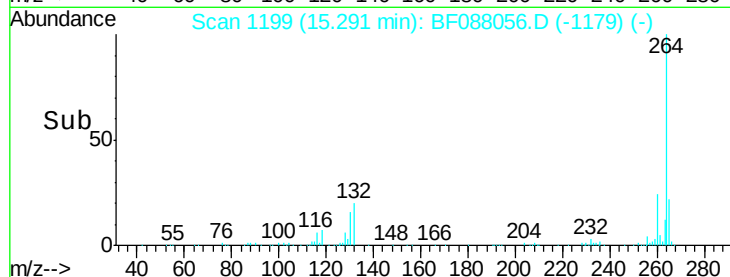
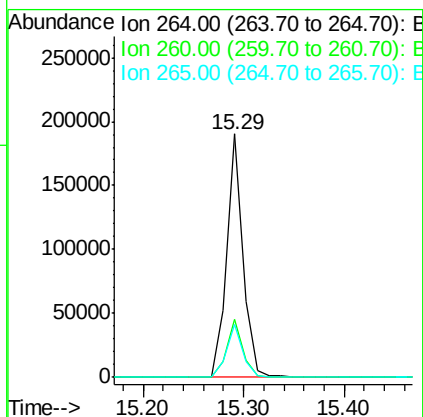
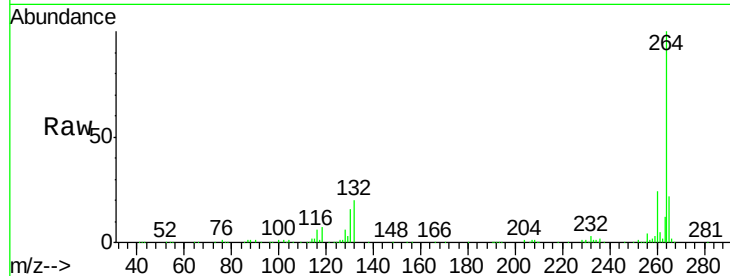




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.07 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

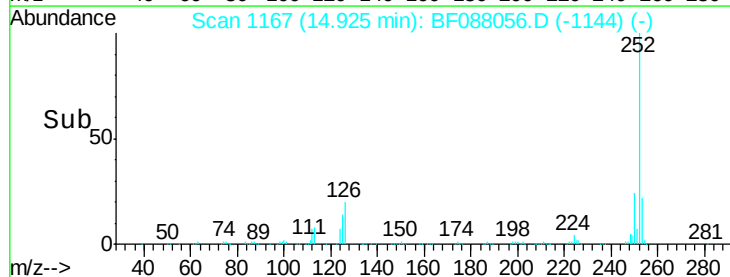
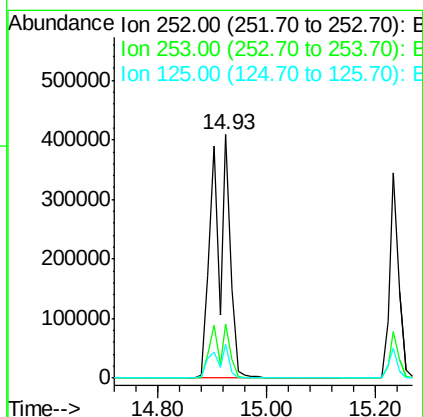
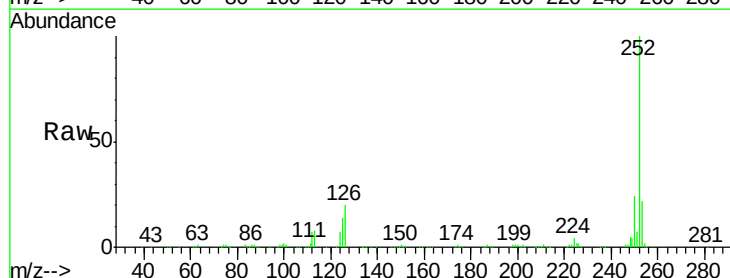
Instrument :
BNA_F
ClientSampleId :
PB91233BS

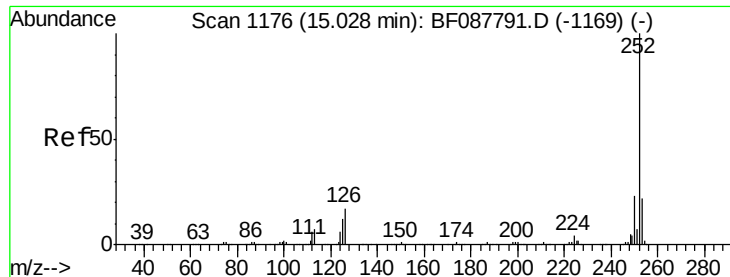
Tgt Ion: 264 Resp: 214355
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.7 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 57.82 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion: 252 Resp: 863921
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 13.7 7.1 10.7#

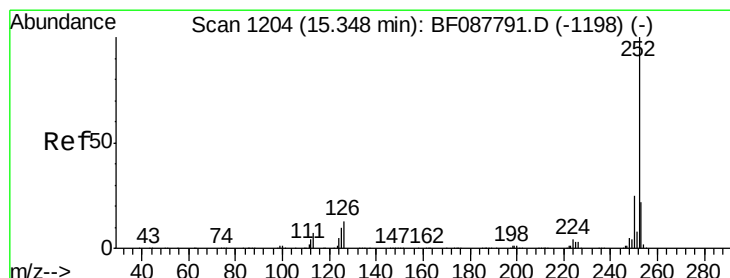
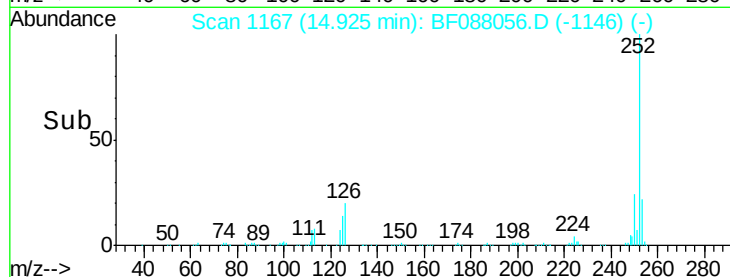
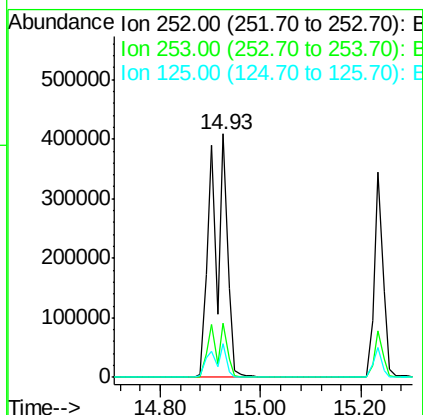
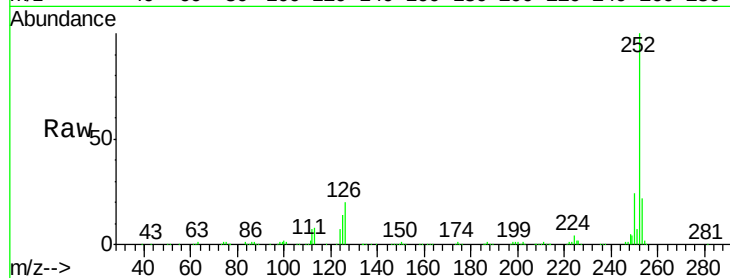




#88
Benzo(k)fluoranthene
Concen: 76.68 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

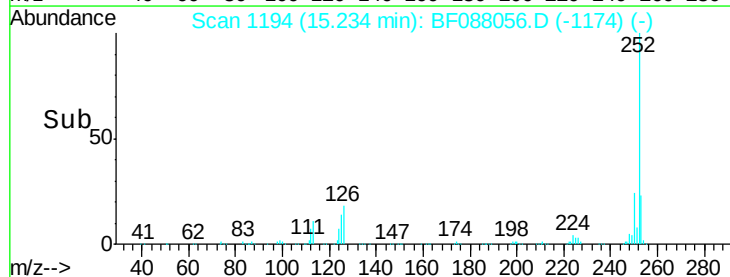
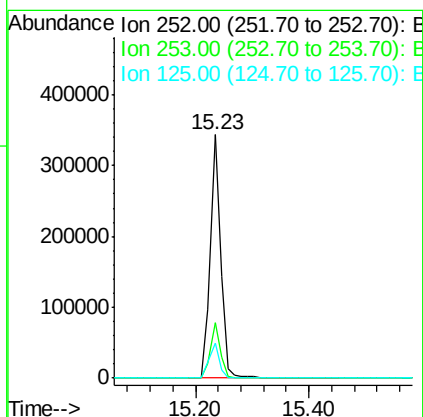
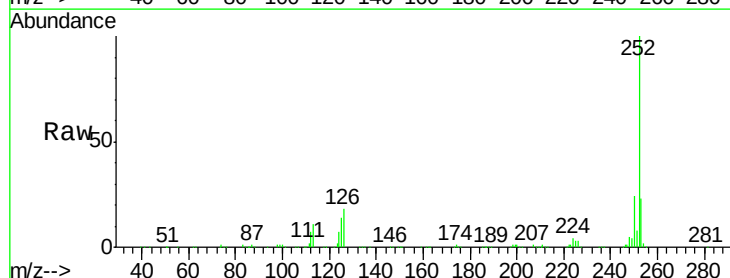
Instrument :
BNA_F
ClientSampled :
PB91233BS

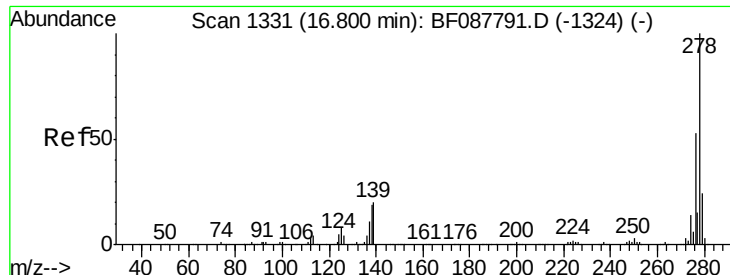
Tgt Ion:252 Resp: 864161
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 13.7 11.2 16.8



#89
Benzo(a)pyrene
Concen: 34.84 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF088056.D
Acq: 16 Jun 2016 1:59

Tgt Ion:252 Resp: 421084
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 14.3 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 30.45 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.09 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

Instrument :

BNA_F

ClientSampleId :

PB91233BS

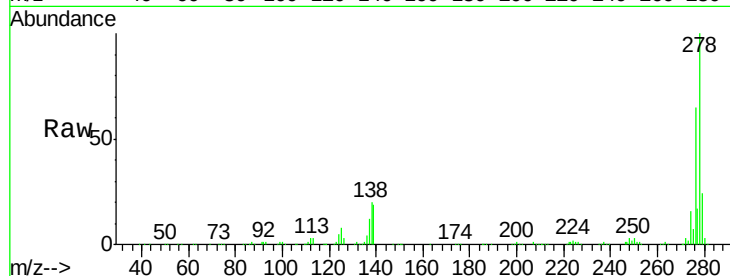
Tgt Ion:278 Resp: 341858

Ion Ratio Lower Upper

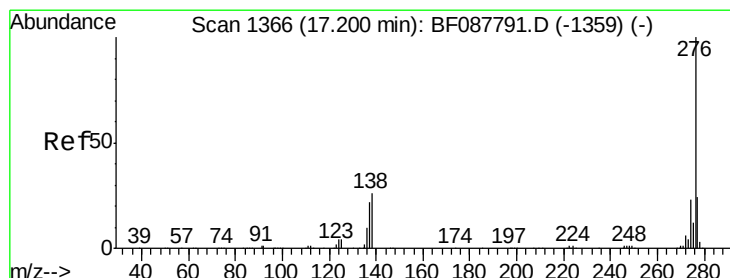
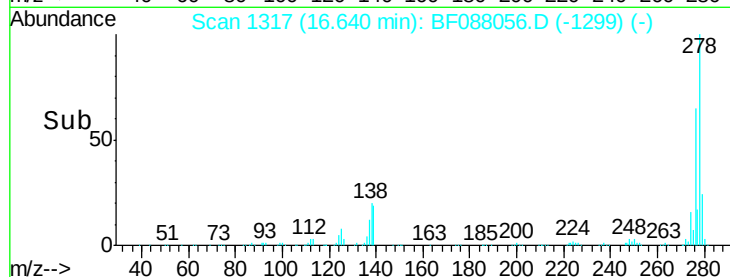
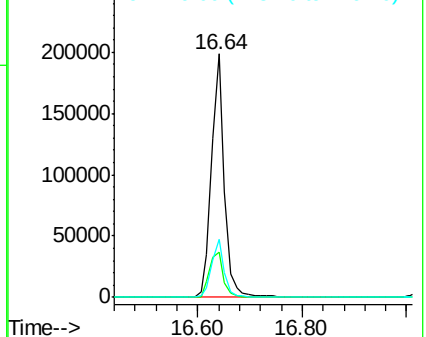
278 100

139 18.7 15.7 23.5

279 23.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 28.11 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.10 min

Lab File: BF088056.D

Acq: 16 Jun 2016 1:59

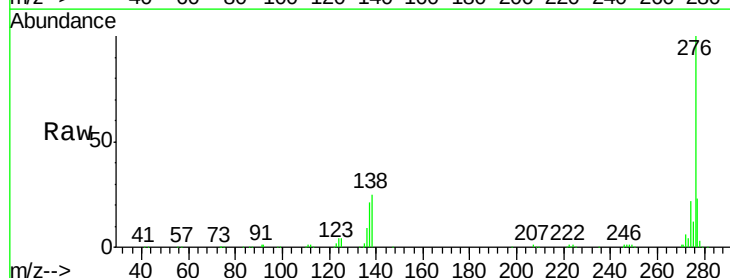
Tgt Ion:276 Resp: 324625

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 24.8 21.4 32.2



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

