

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088231.D
 Acq On : 22 Jun 2016 00:08
 Operator : UM/SJ
 Sample : PB91509BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

Quant Time: Jun 22 00:53:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	85537	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	334694	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	161791	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	287314	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	226337	20.00	ng	-0.01
86) Perylene-d12	15.17	264	181030	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	475129	94.96	ng	-0.01
7) Phenol-d6	6.31	99	545039	89.88	ng	-0.02
23) Nitrobenzene-d5	7.22	82	347457	60.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	139053	81.40	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	693810	66.14	ng	-0.02
78) Terphenyl-d14	12.74	244	579742	58.29	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	64043	26.34	ng	# 30
3) Pyridine	2.86	79	146219	25.47	ng	90
4) n-Nitrosodimethylamine	2.80	42	64153	26.39	ng	80
6) Aniline	6.32	93	118838	13.77	ng	# 1
8) 2-Chlorophenol	6.43	128	184906	31.22	ng	99
10) Phenol	6.32	94	224003	35.24	ng	82
11) bis(2-Chloroethyl)ether	6.40	93	175023	32.92	ng	# 82
12) 1,3-Dichlorobenzene	6.66	146	193775	30.50	ng	96
13) 1,4-Dichlorobenzene	6.66	146	193775	30.27	ng	95
14) 1,2-Dichlorobenzene	6.82	146	184271	31.65	ng	96
15) Benzyl Alcohol	6.81	79	130382	27.48	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	186809	26.00	ng	# 41
17) 2-Methylphenol	6.92	107	142028	29.57	ng	97
18) Hexachloroethane	7.15	117	69508	30.60	ng	# 83
19) n-Nitroso-di-n-propylamine	7.07	70	113730	29.32	ng	# 87
20) 3+4-Methylphenols	7.08	107	193942	34.61	ng	# 79
22) Acetophenone	7.07	105	251449	33.62	ng	# 96
24) Nitrobenzene	7.24	77	176380	31.77	ng	94
25) Isophorone	7.48	82	330166	31.10	ng	94
26) 2-Nitrophenol	7.55	139	98295	33.05	ng	98
27) 2,4-Dimethylphenol	7.61	122	172673	31.53	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	214659	32.60	ng	98
29) 2,4-Dichlorophenol	7.80	162	157639	34.48	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	158180	31.77	ng	97
31) Naphthalene	7.95	128	518202	31.29	ng	99
32) Benzoic acid	7.75	122	76207	25.27	ng	93
33) 4-Chloroaniline	8.02	127	75308	10.18	ng	# 91
34) Hexachlorobutadiene	8.08	225	84668	32.25	ng	98
35) Caprolactam	8.39	113	33557	22.16	ng	# 79
36) 4-Chloro-3-methylphenol	8.51	107	153444	31.38	ng	97
37) 2-Methylnaphthalene	8.65	142	361357	33.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	140756	29.93	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	73443	28.14	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	93410	28.87	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	91595	27.21	ng	# 81
45) 1,1'-Biphenyl	9.12	154	415553	32.49	ng	95
46) 2-Chloronaphthalene	9.14	162	326759	31.21	ng	# 92
47) 2-Nitroaniline	9.24	65	94236	30.51	ng	# 65
48) Acenaphthylene	9.55	152	507364	30.47	ng	98
49) Dimethylphthalate	9.43	163	386452	32.97	ng	98
50) 2,6-Dinitrotoluene	9.48	165	86909	32.38	ng	# 79
51) Acenaphthene	9.71	154	290215	27.94	ng	98
52) 3-Nitroaniline	9.66	138	44993	14.53	ng	81
53) 2,4-Dinitrophenol	9.77	184	66283	50.27	ng	# 84
54) Dibenzofuran	9.90	168	441502	30.86	ng	96
55) 4-Nitrophenol	9.84	139	90912	37.82	ng	95
56) 2,4-Dinitrotoluene	9.90	165	106599	30.90	ng	# 88
57) Fluorene	10.24	166	344500	34.51	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	80164	30.30	ng	# 57
59) Diethylphthalate	10.12	149	385459	32.49	ng	98
60) 4-Chlorophenyl-phenylether	10.23	204	148958	31.31	ng	97
61) 4-Nitroaniline	10.27	138	90594	30.84	ng	87
62) Azobenzene	10.39	77	367077	31.29	ng	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	53318	30.55	ng	88
65) n-Nitrosodiphenylamine	10.35	169	329184	34.53	ng	100
66) 4-Bromophenyl-phenylether	10.72	248	98951	32.10	ng	93
67) Hexachlorobenzene	10.78	284	99657	31.12	ng	99
68) Atrazine	10.88	200	83642	28.97	ng	91
69) Pentachlorophenol	10.98	266	74345	44.04	ng	96
70) Phenanthrene	11.19	178	491439	32.60	ng	99
71) Anthracene	11.24	178	525186	34.53	ng	99
72) Carbazole	11.40	167	502696	35.32	ng	98
73) Di-n-butylphthalate	11.74	149	587485	32.61	ng	99
74) Fluoranthene	12.38	202	527399	33.15	ng	94
76) Benzidine	12.50	184	188498	30.08	ng	98
77) Pyrene	12.59	202	497058	29.59	ng	99
79) Butylbenzylphthalate	13.22	149	245542	33.07	ng	90
80) Benzo(a)anthracene	13.78	228	385609	29.90	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	73577	21.21	ng	# 96
82) Chrysene	13.82	228	409430	33.74	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	292018	32.31	ng	99
84) Di-n-octyl phthalate	14.39	149	529051	36.02	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	326003	28.92	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	719722	57.04	ng	# 97
88) Benzo(k)fluoranthene	14.79	252	719722	75.62	ng	98
89) Benzo(a)pyrene	15.11	252	335722	32.89	ng	99
90) Dibenzo(a,h)anthracene	16.46	278	273811	28.88	ng	97
91) Benzo(g,h,i)perylene	16.82	276	283205	29.04	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.02 min

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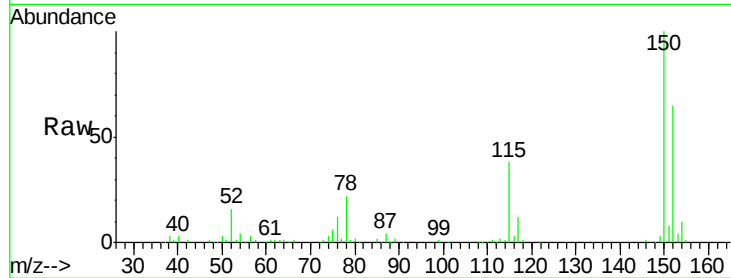
Tgt Ion:152 Resp: 85537

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

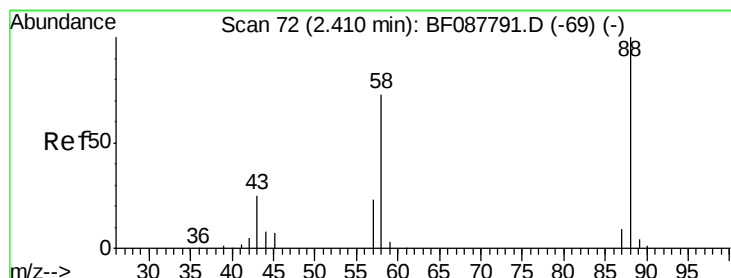
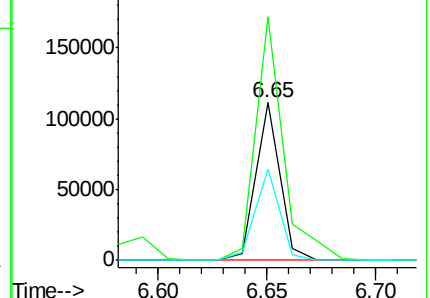
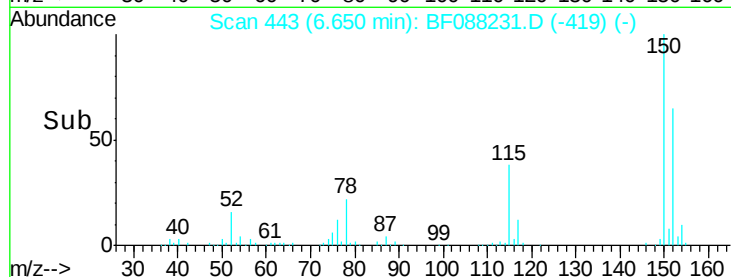
115 58.1 39.6 59.4



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: 26.34 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.08 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

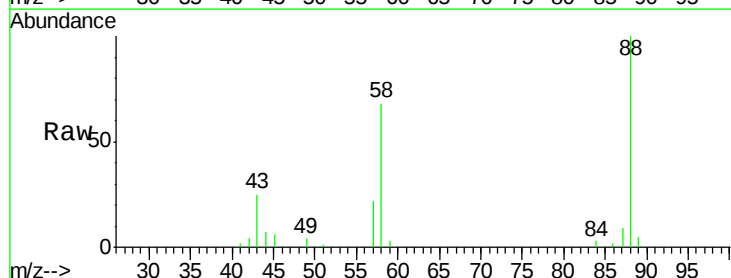
Tgt Ion: 88 Resp: 64043

Ion Ratio Lower Upper

88 100

58 76.7 0.0 0.0#

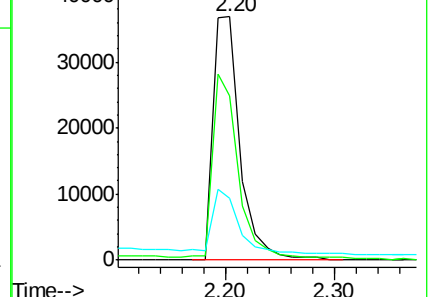
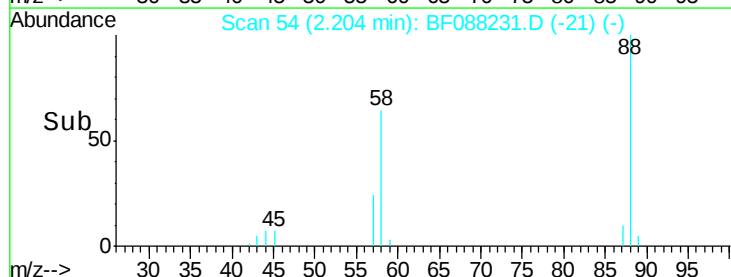
43 27.4 3.4 5.2#

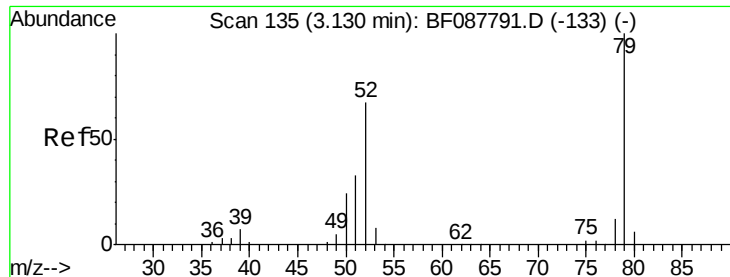


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

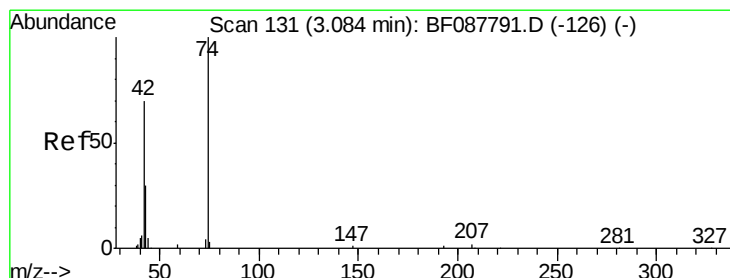
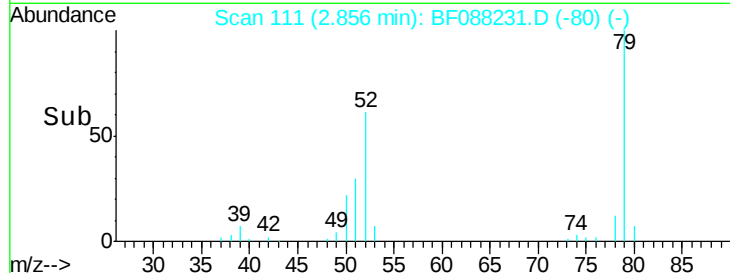
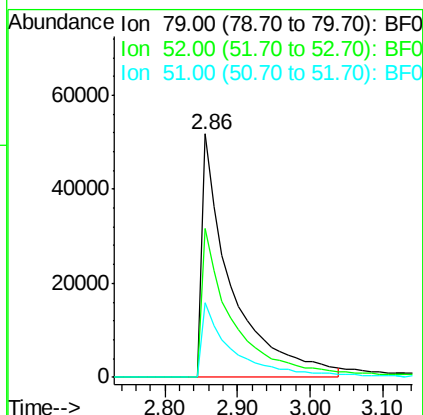
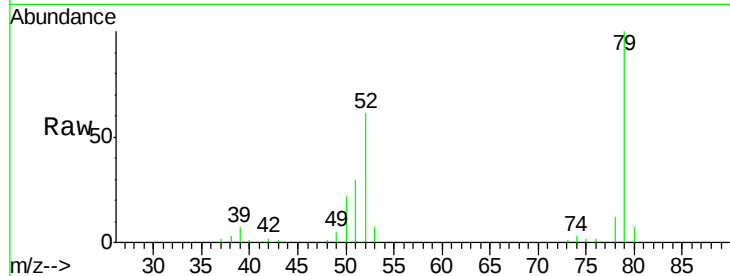




#3
Pyridine
Concen: 25.47 ng
RT: 2.86 min Scan# 111
Delta R.T. 0.06 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

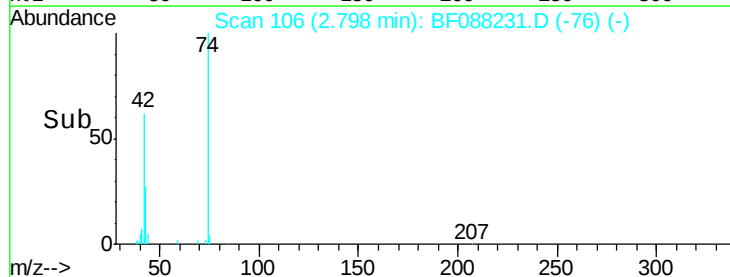
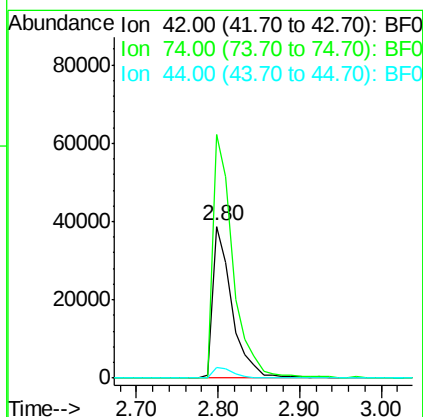
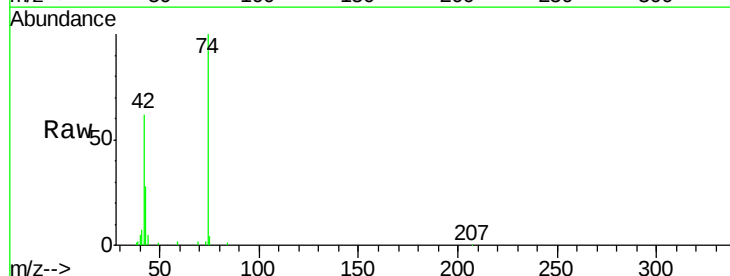
Instrument :
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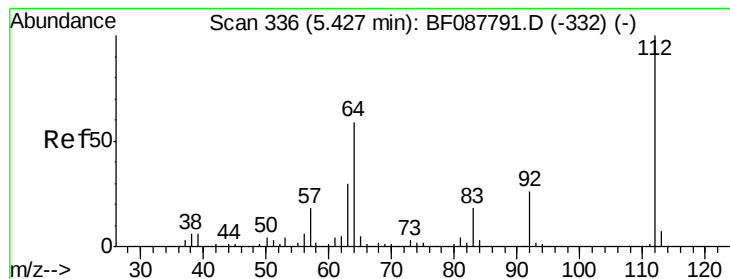
Tgt Ion: 79 Resp: 146219
Ion Ratio Lower Upper
79 100
52 61.1 56.3 84.5
51 30.4 27.4 41.2



#4
n-Nitrosodimethylamine
Concen: 26.39 ng
RT: 2.80 min Scan# 106
Delta R.T. 0.05 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion: 42 Resp: 64153
Ion Ratio Lower Upper
42 100
74 160.4 108.6 163.0
44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 94.96 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

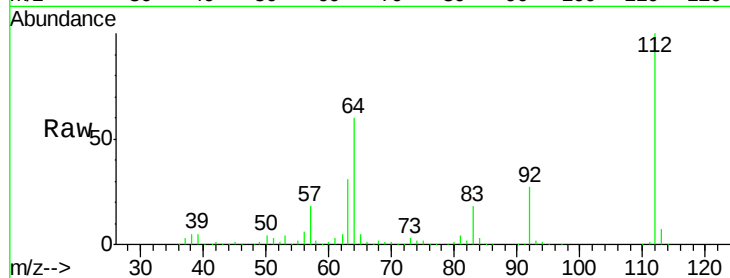
Tgt Ion: 112 Resp: 475129

Ion Ratio Lower Upper

112 100

64 59.7 42.2 63.2

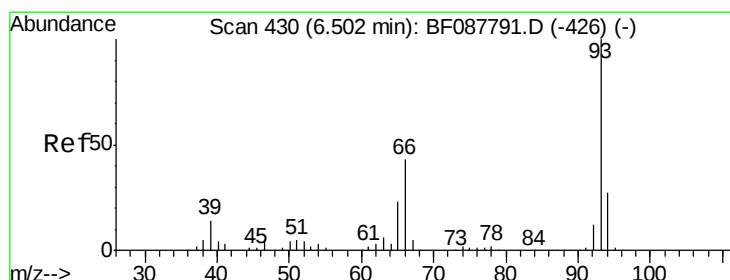
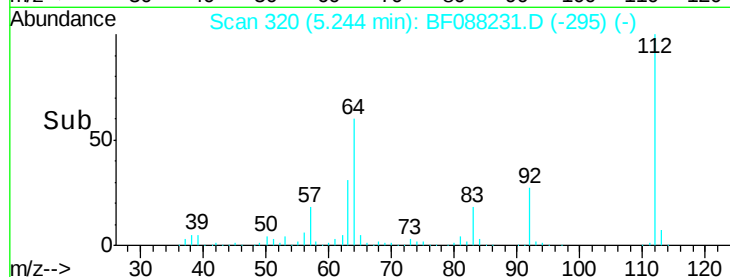
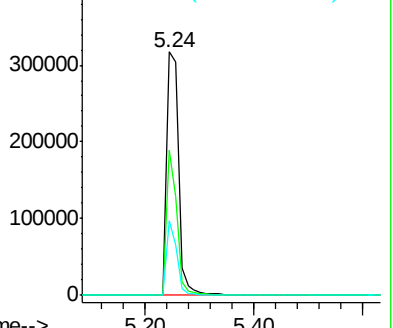
63 30.7 21.8 32.8



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: 13.77 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

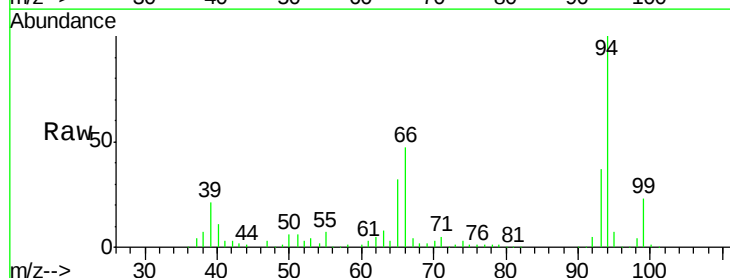
Tgt Ion: 93 Resp: 118838

Ion Ratio Lower Upper

93 100

66 125.9 29.8 44.8#

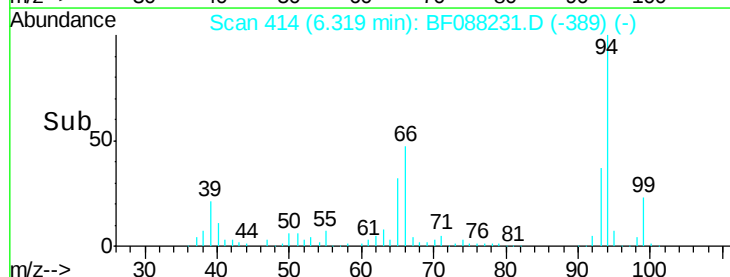
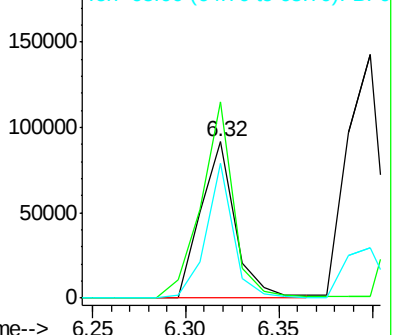
65 86.1 14.9 22.3#



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: 89.88 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

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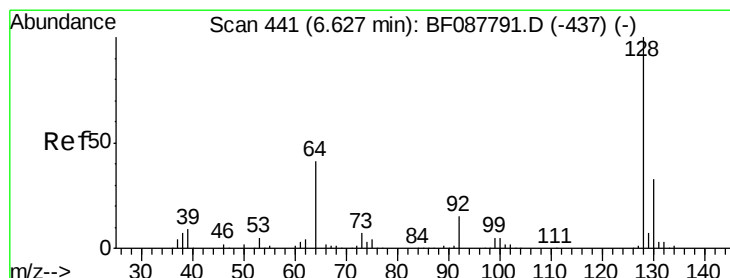
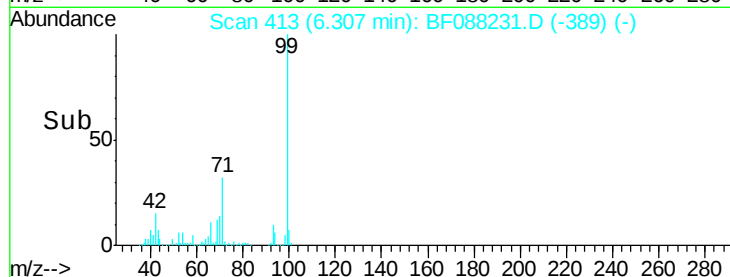
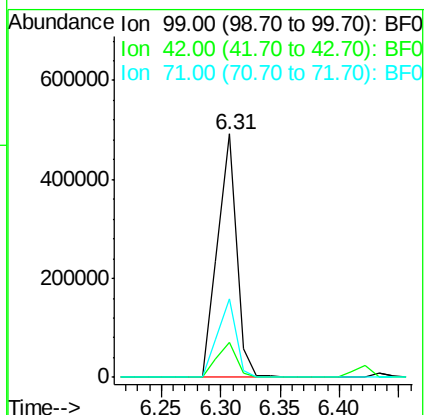
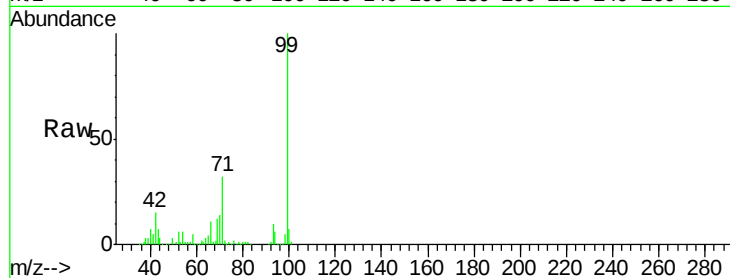
Tgt Ion: 99 Resp: 545039

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

71 32.4 23.4 35.0



#8

2-Chlorophenol

Concen: 31.22 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

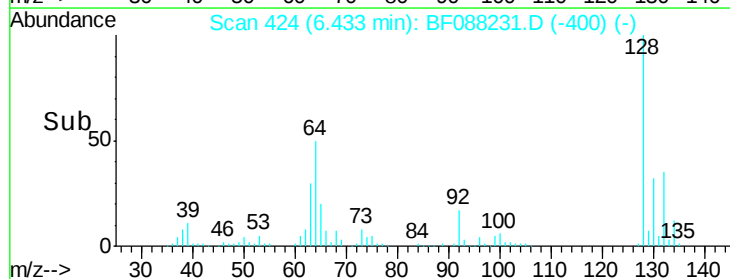
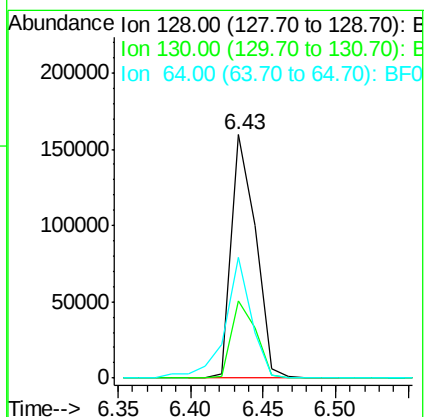
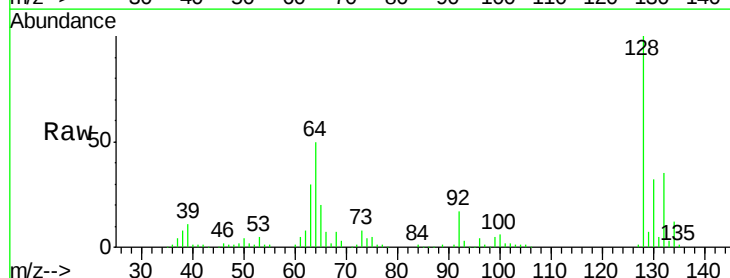
Tgt Ion: 128 Resp: 184906

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 49.6 30.8 70.8





#10

Phenol

Concen: 35.24 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF088231.D

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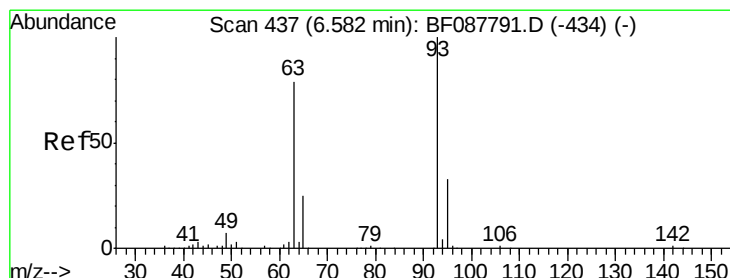
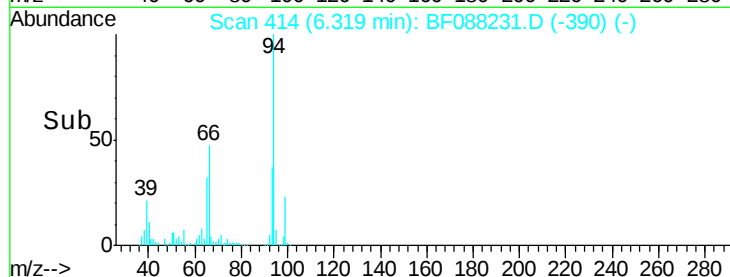
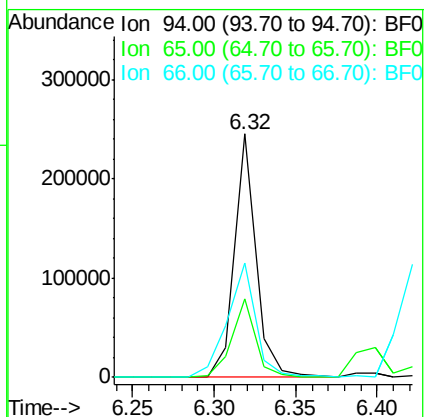
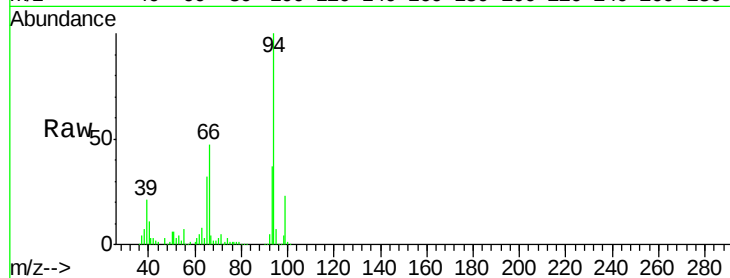
Tgt Ion: 94 Resp: 224003

Ion Ratio Lower Upper

94 100

65 32.1 5.9 45.9

66 46.9 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 32.92 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

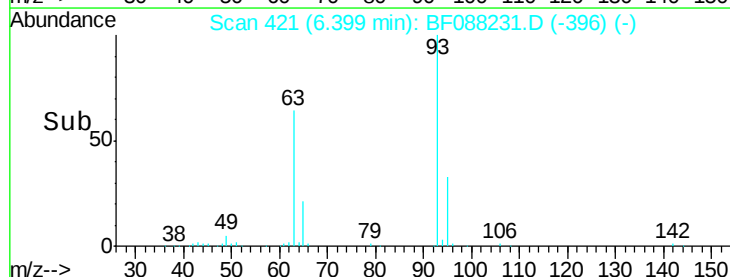
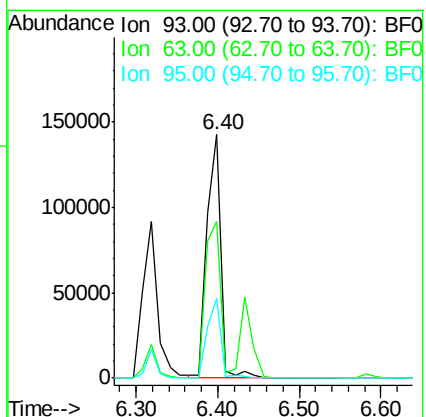
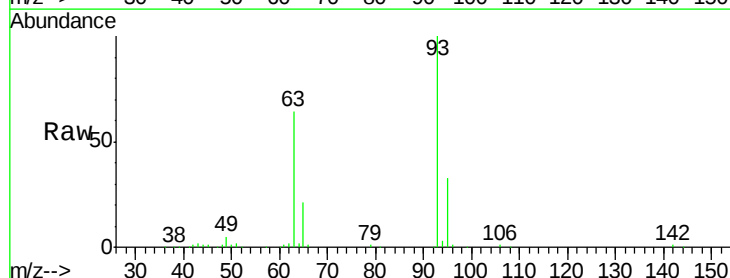
Tgt Ion: 93 Resp: 175023

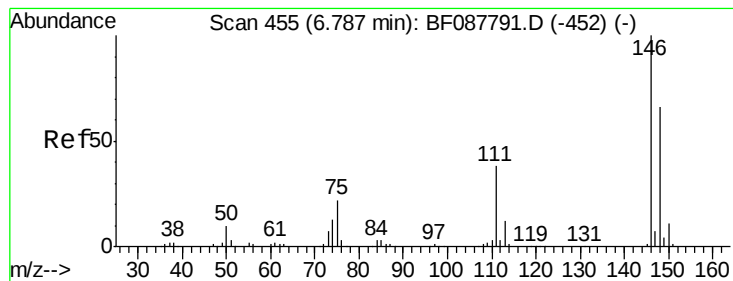
Ion Ratio Lower Upper

93 100

63 64.3 67.6 107.6#

95 32.6 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 30.50 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.06 min

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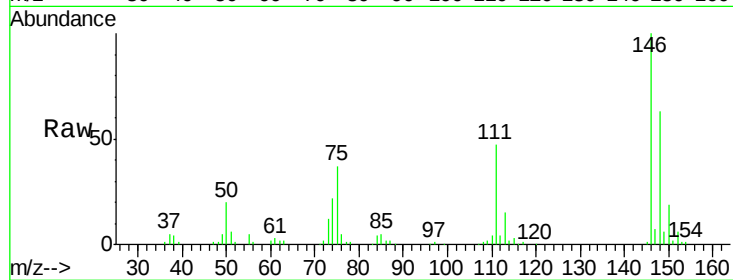
Tgt Ion:146 Resp: 193775

Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

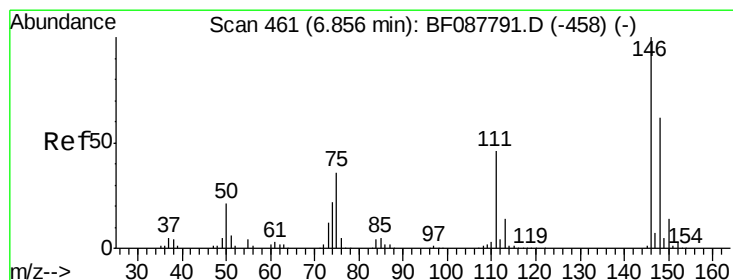
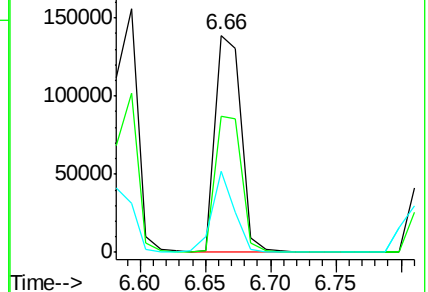
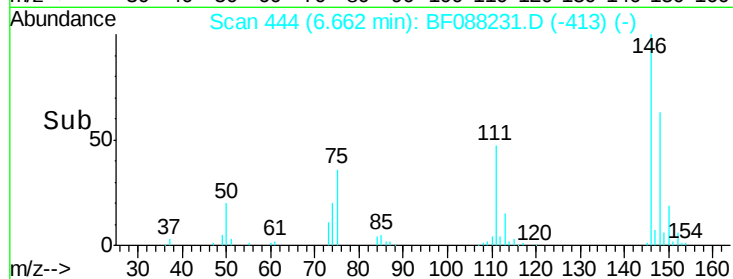
75 37.1 25.6 38.4



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: 30.27 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

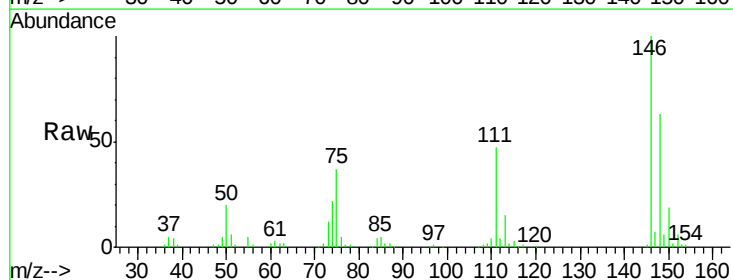
Tgt Ion:146 Resp: 193775

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

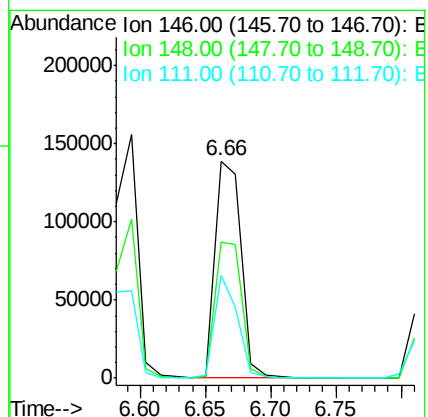
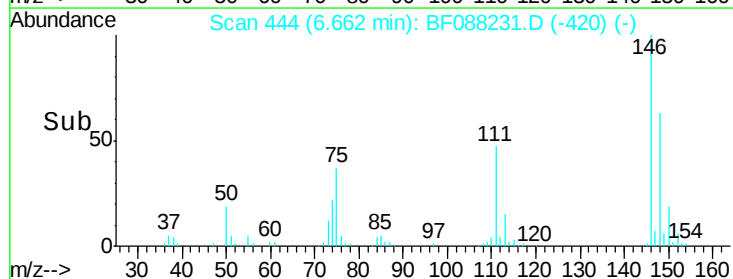
111 47.3 33.8 50.8



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: 31.65 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

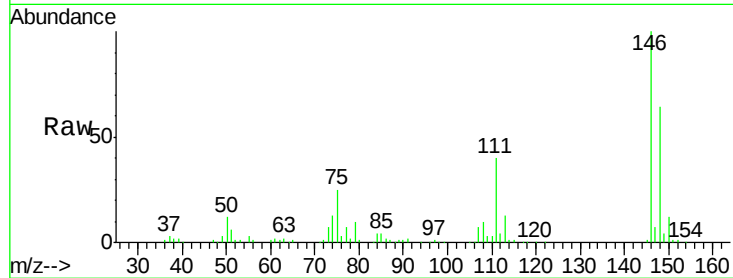
Tgt Ion:146 Resp: 184271

Ion Ratio Lower Upper

146 100

148 63.7 52.3 78.5

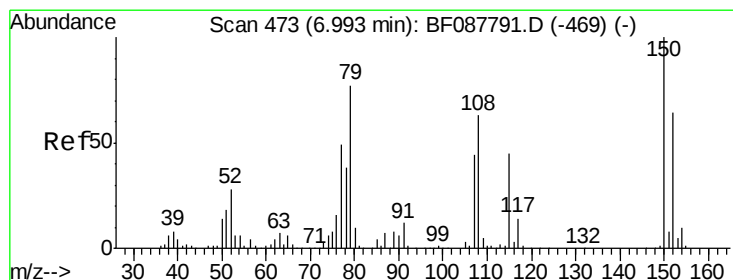
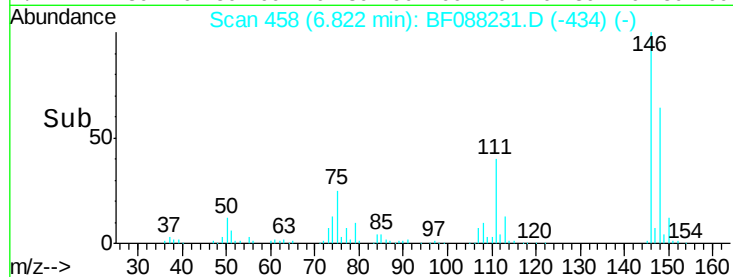
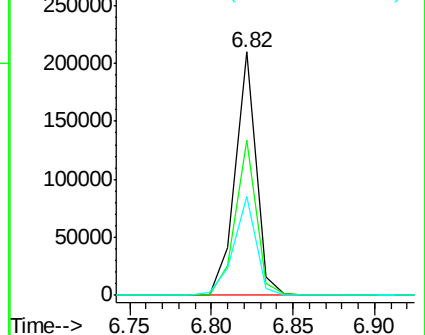
111 40.4 28.7 43.1



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: 27.48 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

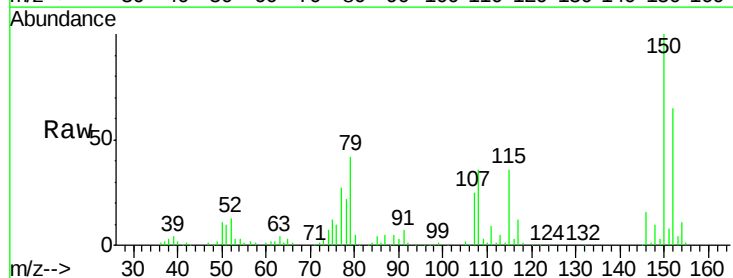
Tgt Ion: 79 Resp: 130382

Ion Ratio Lower Upper

79 100

108 86.1 65.0 97.6

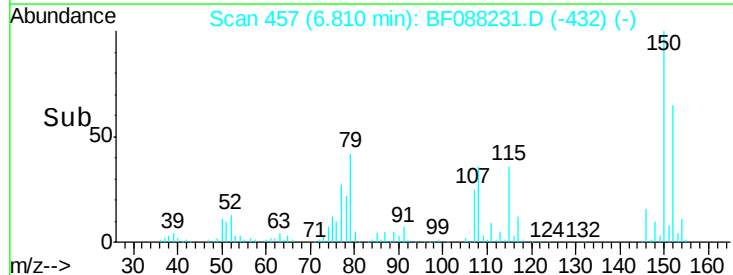
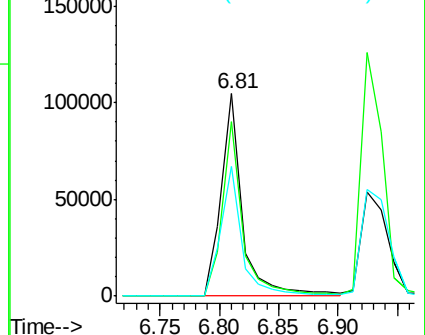
77 64.4 50.3 75.5

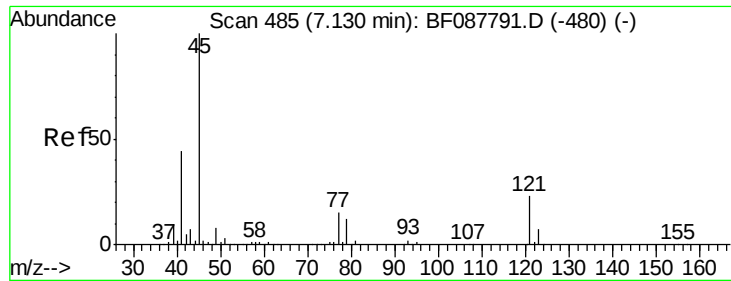


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

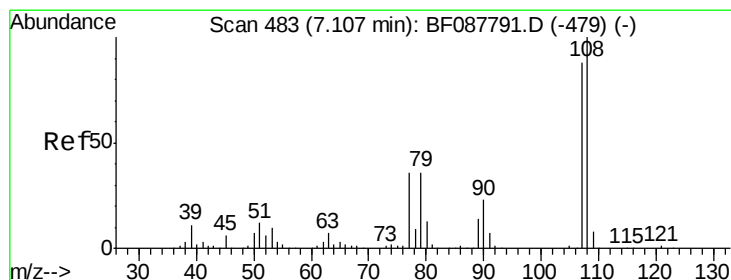
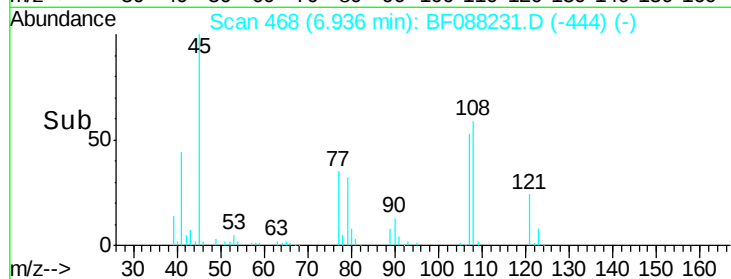
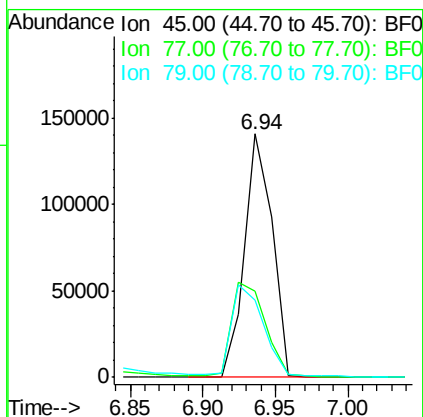
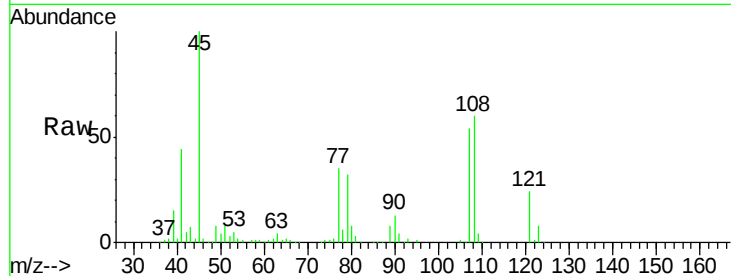




#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.00 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

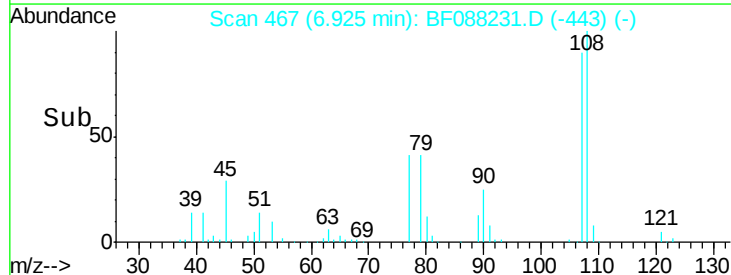
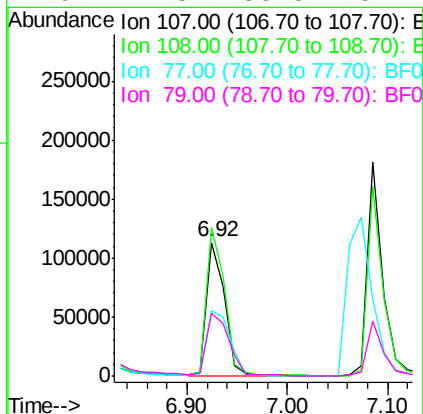
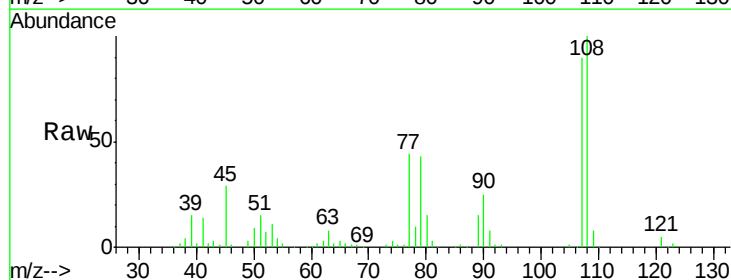
Instrument :
BNA_F
ClientSampleId :
PB91509BS

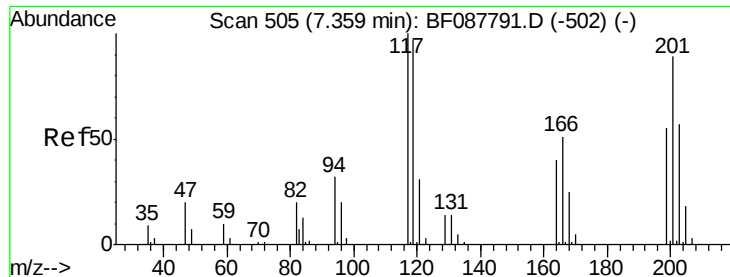
Tgt Ion: 45 Resp: 186809
Ion Ratio Lower Upper
45 100
77 35.3 0.0 32.5#
79 31.5 0.0 29.5#



#17
2-Methylphenol
Concen: 29.57 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion: 107 Resp: 142028
Ion Ratio Lower Upper
107 100
108 111.5 90.9 136.3
77 48.8 36.6 55.0
79 47.5 36.5 54.7

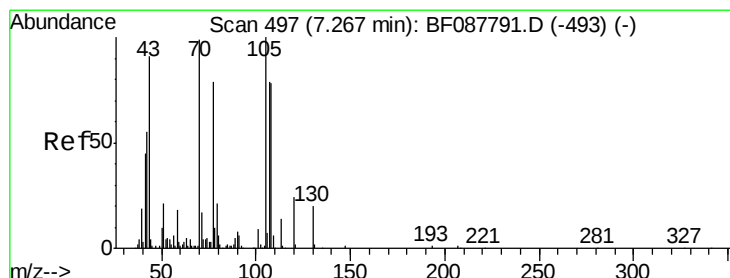
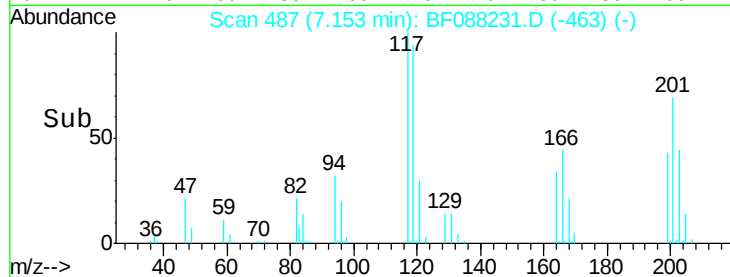
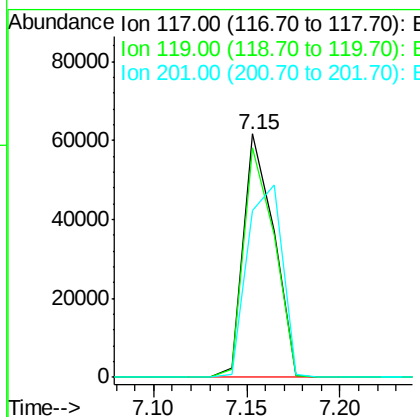
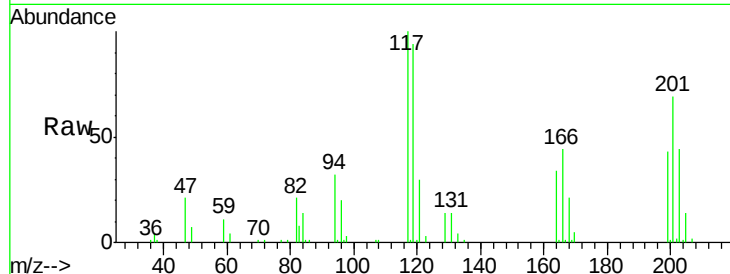




#18
Hexachloroethane
Concen: 30.60 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

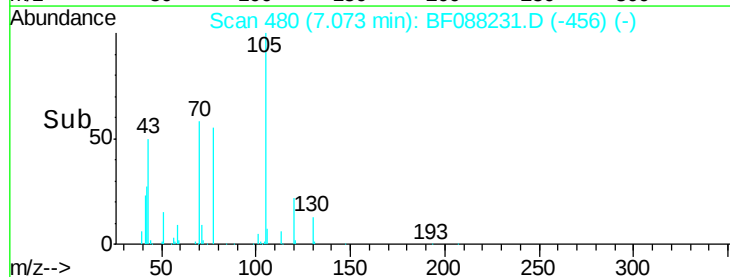
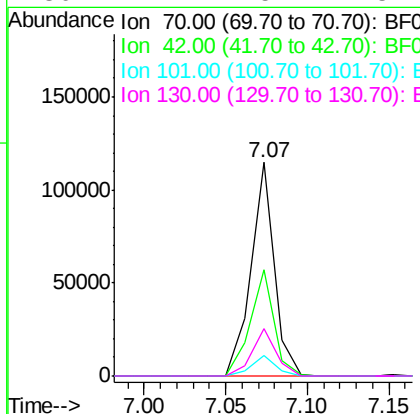
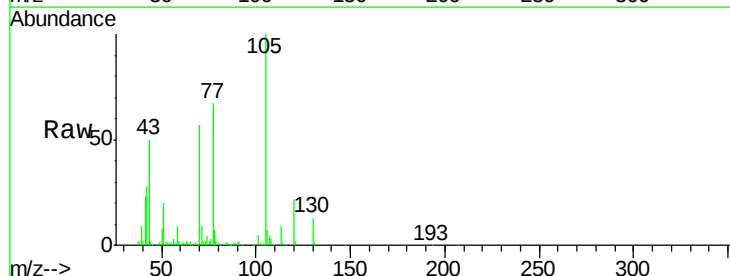
Instrument :
BNA_F
ClientSampleId :
PB91509BS

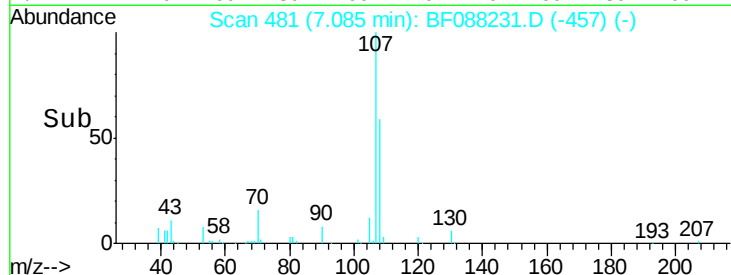
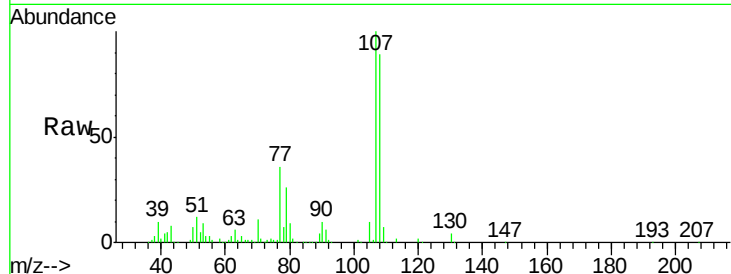
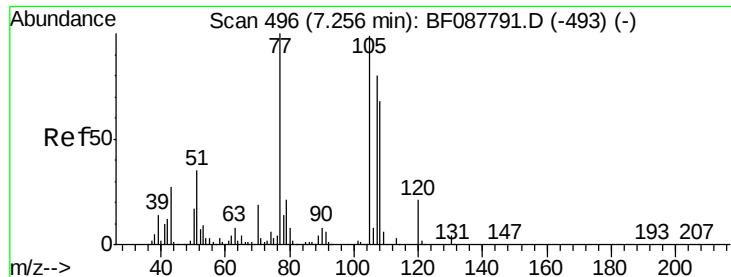
Tgt Ion:117 Resp: 69508
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.2
201 68.7 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 29.32 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion: 70 Resp: 113730
Ion Ratio Lower Upper
70 100
42 49.6 49.6 74.4#
101 9.5 7.1 10.7
130 22.1 15.4 23.2

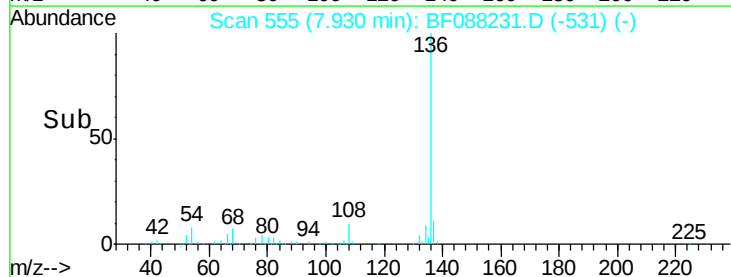
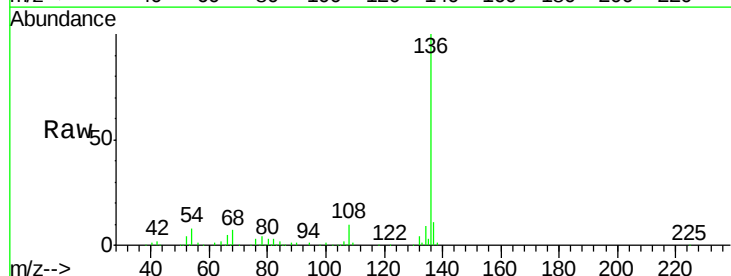
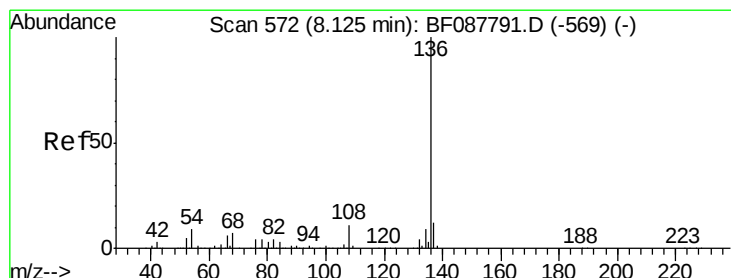
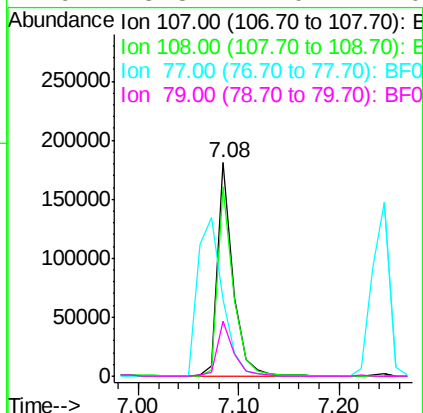




#20
3+4-Methylphenols
Concen: 34.61 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

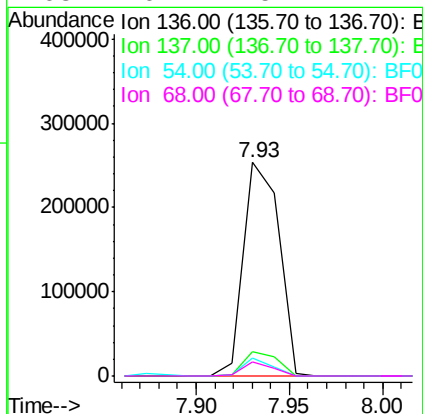
Instrument :
BNA_F
ClientSampled :
PB91509BS

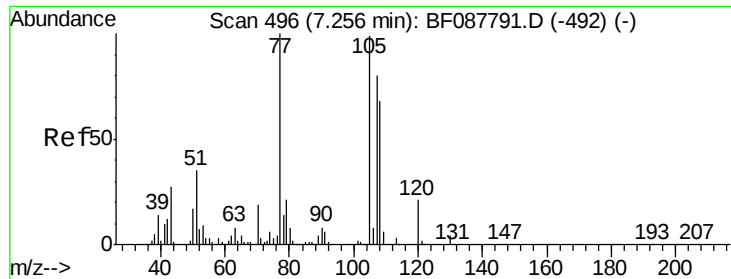
Tgt Ion:107 Resp: 193942
Ion Ratio Lower Upper
107 100
108 88.5 67.8 107.8
77 35.7 59.3 99.3#
79 25.8 7.0 47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:136 Resp: 334694
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.4 6.6 10.0
68 6.7 5.1 7.7





#22

Acetophenone

Concen: 33.62 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

Tgt Ion: 105 Resp: 251449

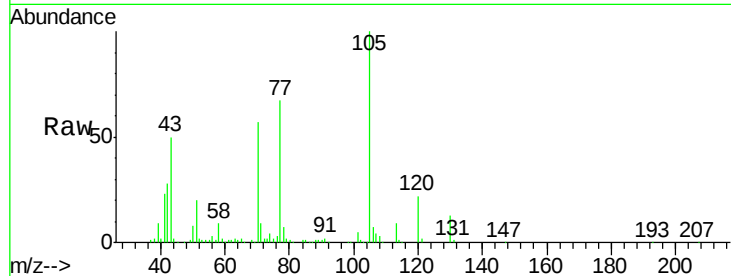
Ion Ratio Lower Upper

105 100

71 9.5 5.3 7.9#

51 19.7 18.2 27.4

120 22.4 18.0 27.0

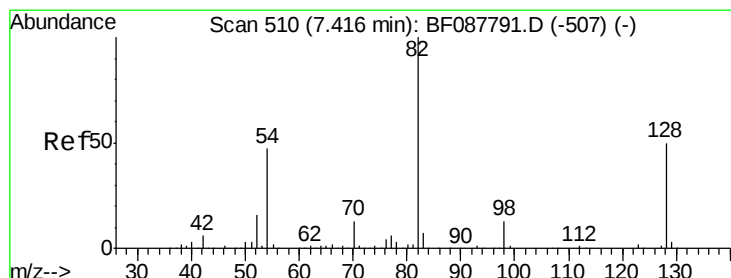
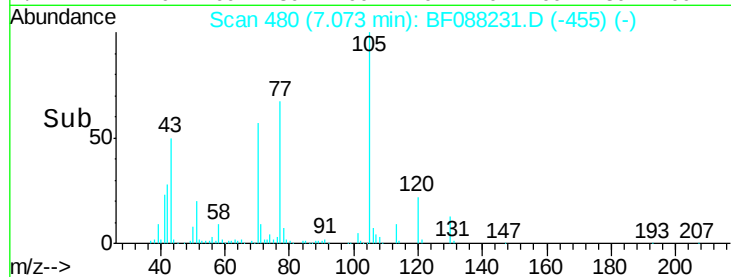
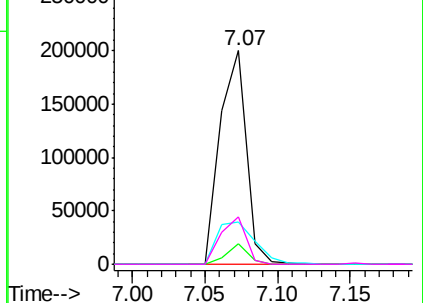


Abundance Ion 105.00 (104.70 to 105.70): E

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: 60.62 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

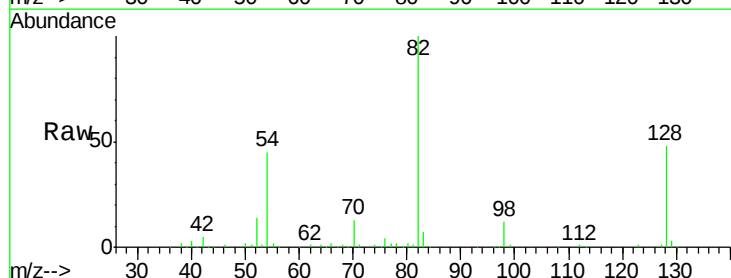
Tgt Ion: 82 Resp: 347457

Ion Ratio Lower Upper

82 100

128 47.8 35.9 53.9

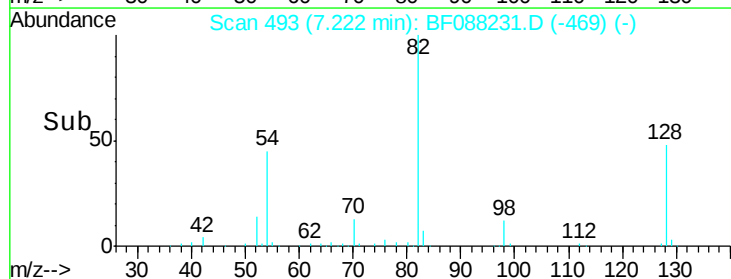
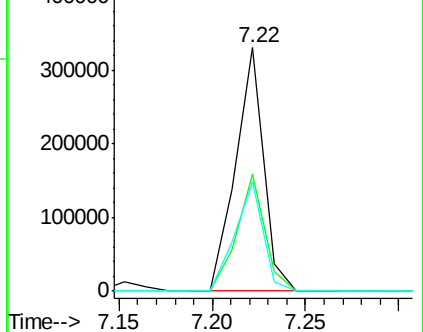
54 44.7 40.9 61.3

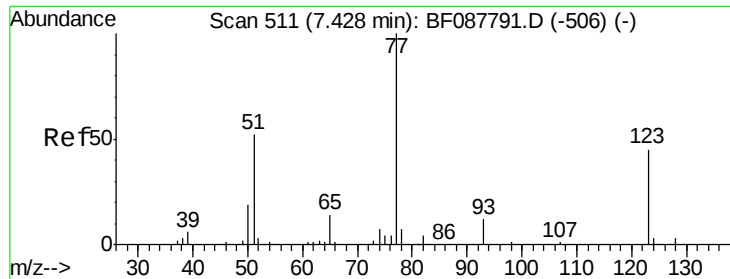


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

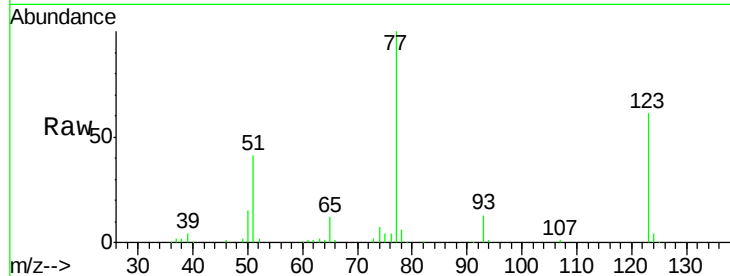




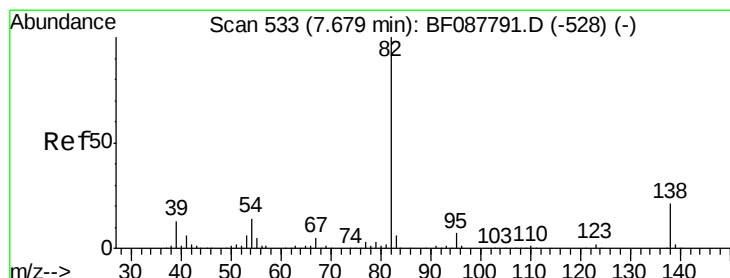
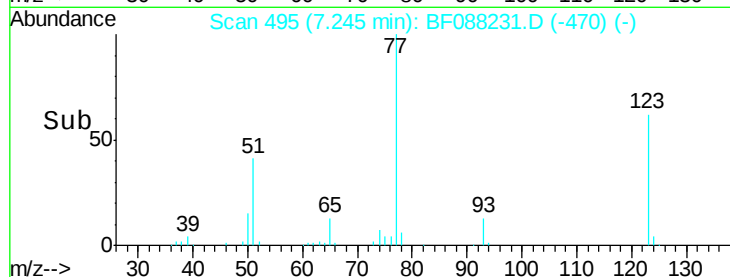
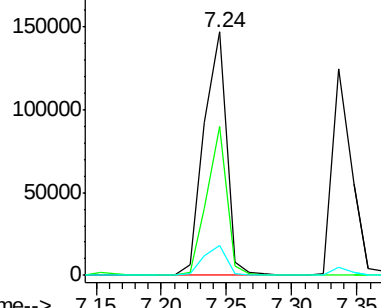
#24
 Nitrobenzene
 Concen: 31.77 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

Tgt Ion: 77 Resp: 176380
 Ion Ratio Lower Upper
 77 100
 123 61.3 45.0 67.4
 65 12.5 10.2 15.2

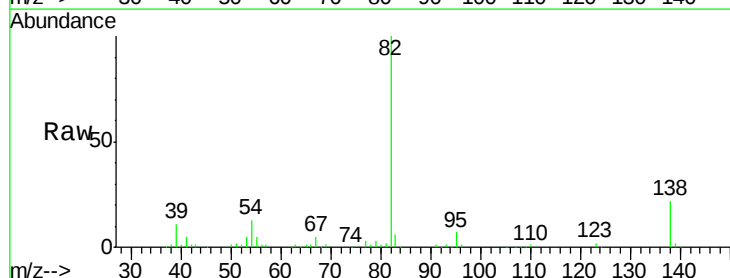


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

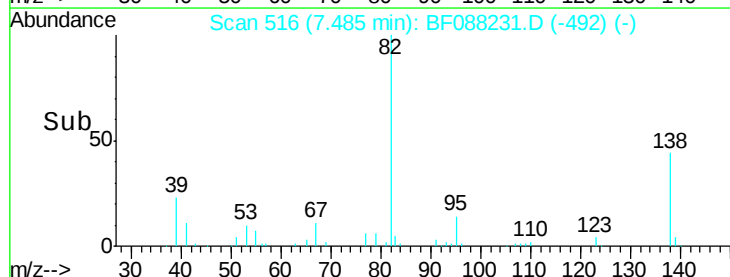
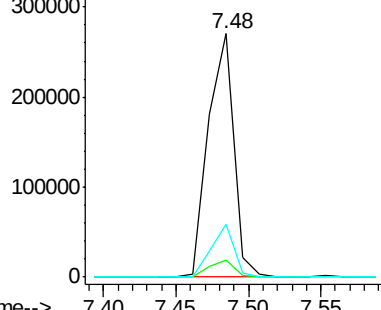


#25
 Isophorone
 Concen: 31.10 ng
 RT: 7.48 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion: 82 Resp: 330166
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.4 8.2
 138 21.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

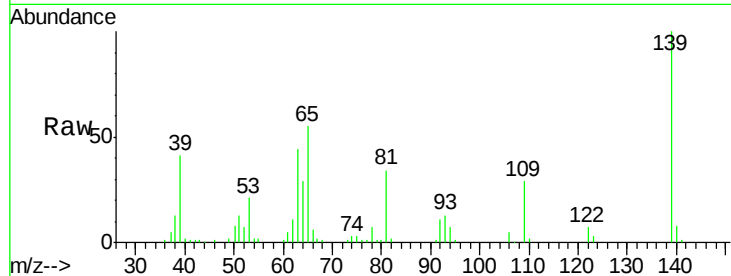




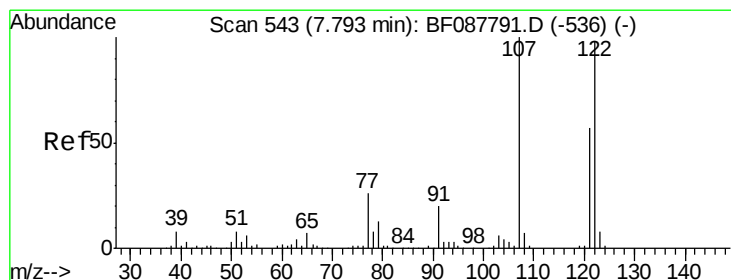
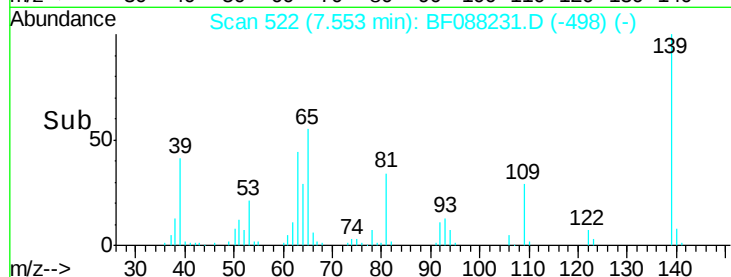
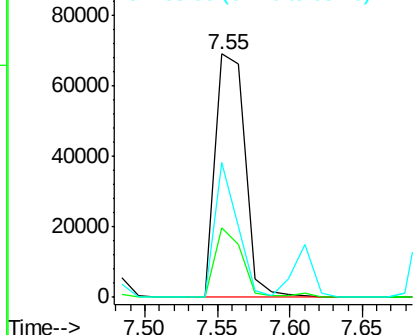
#26
2-Nitrophenol
Concen: 33.05 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Instrument :
BNA_F
ClientSampleId :
PB91509BS

Tgt Ion:139 Resp: 98295
Ion Ratio Lower Upper
139 100
109 28.5 23.0 34.4
65 55.2 45.8 68.8

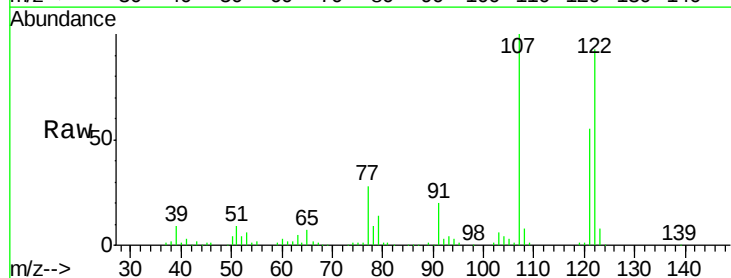


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

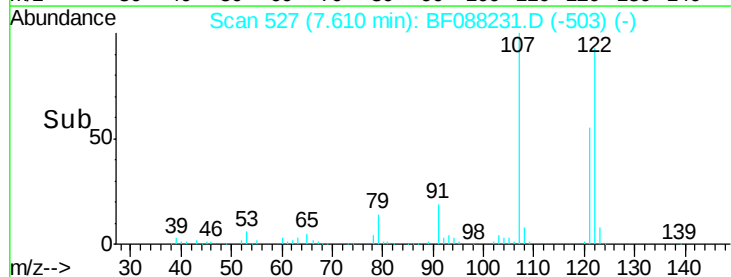
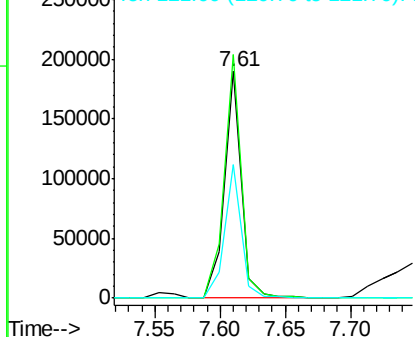


#27
2,4-Dimethylphenol
Concen: 31.53 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:122 Resp: 172673
Ion Ratio Lower Upper
122 100
107 107.5 82.4 123.6
121 59.0 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

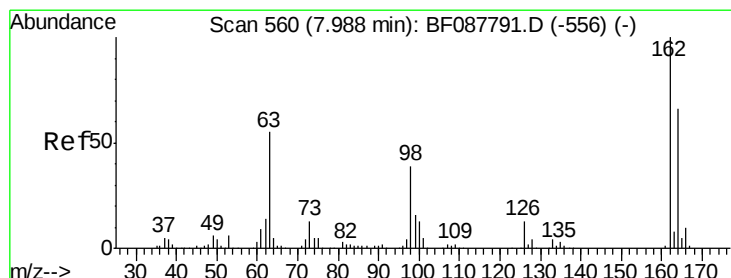
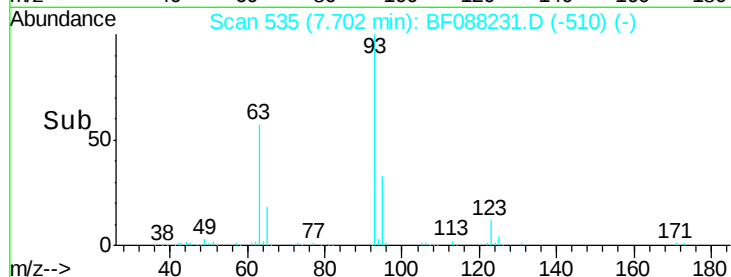
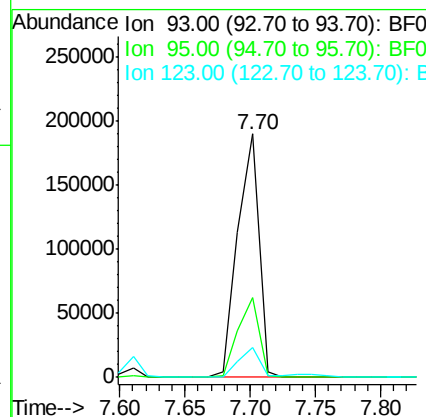
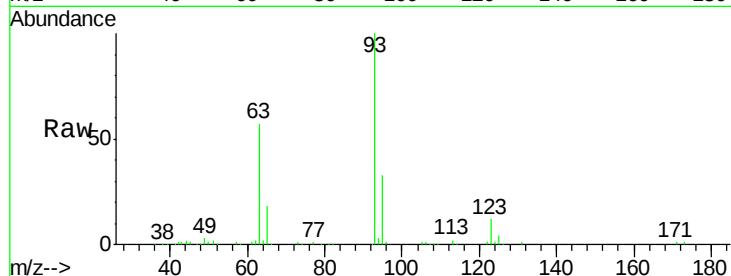




#28
bis(2-Chloroethoxy)methane
Concen: 32.60 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

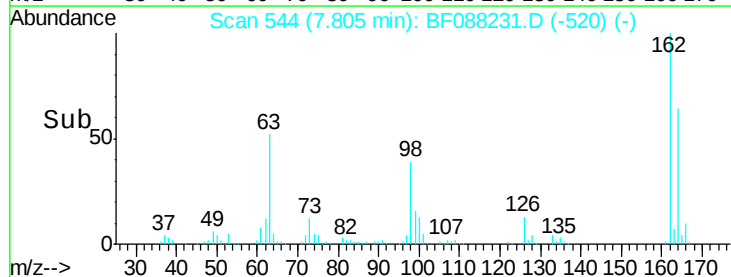
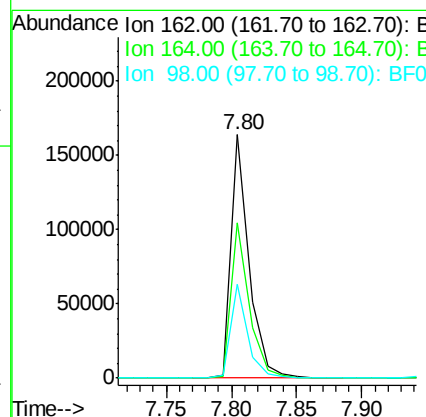
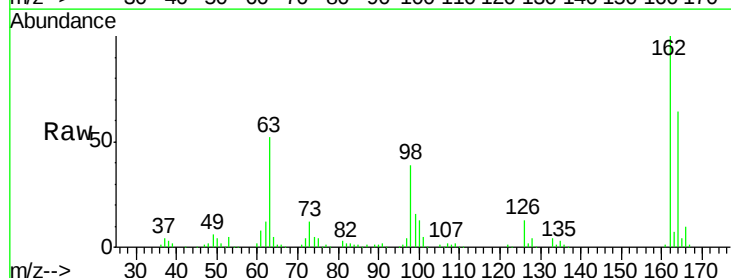
Instrument :
BNA_F
ClientSampleId :
PB91509BS

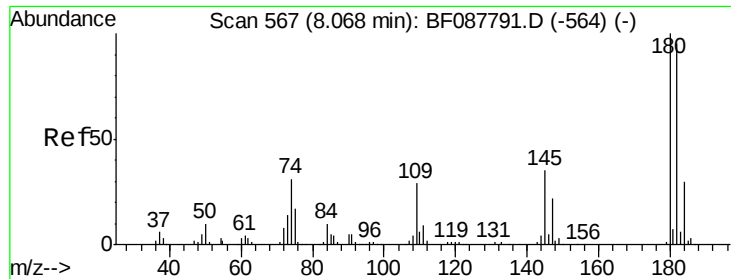
Tgt Ion: 93 Resp: 214659
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 12.2 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 34.48 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion: 162 Resp: 157639
Ion Ratio Lower Upper
162 100
164 63.6 43.8 83.8
98 38.5 21.3 61.3

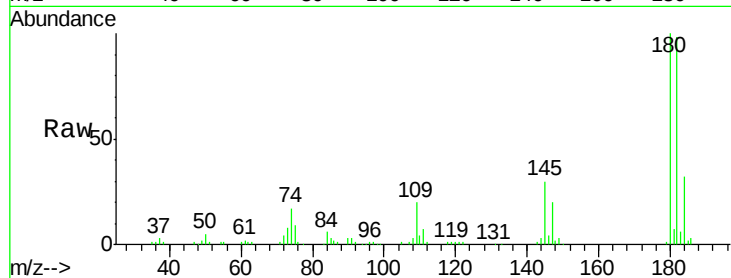




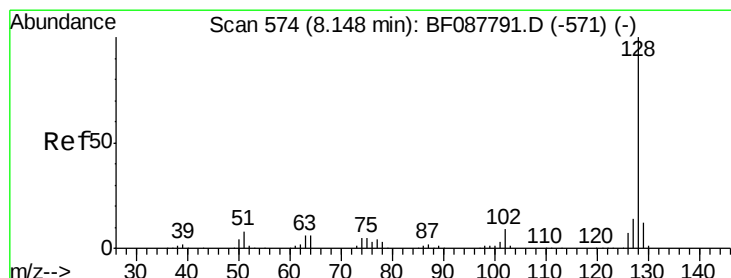
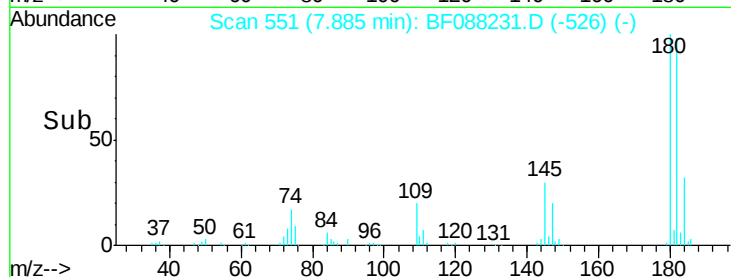
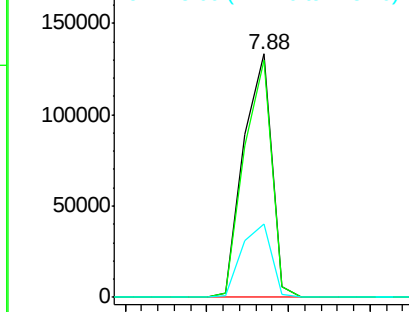
#30
 1,2,4-Trichlorobenzene
 Concen: 31.77 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

Tgt Ion:180 Resp: 158180
 Ion Ratio Lower Upper
 180 100
 182 97.6 76.0 114.0
 145 30.1 26.5 39.7

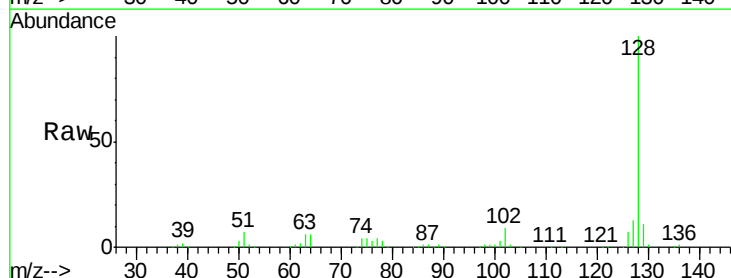


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

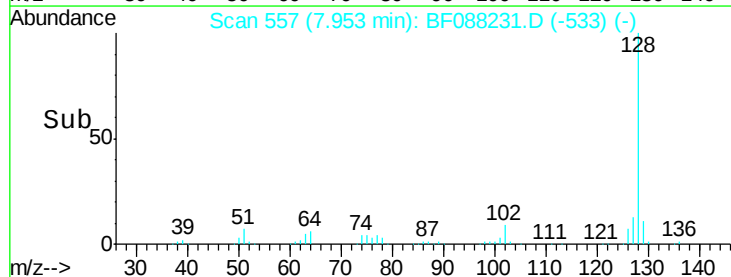
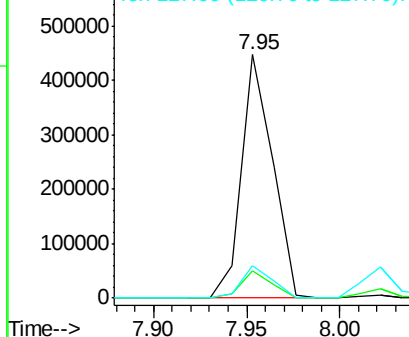


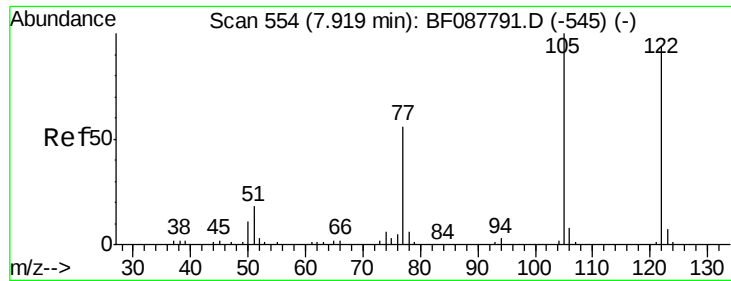
#31
 Naphthalene
 Concen: 31.29 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion:128 Resp: 518202
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.2
 127 13.1 10.9 16.3



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

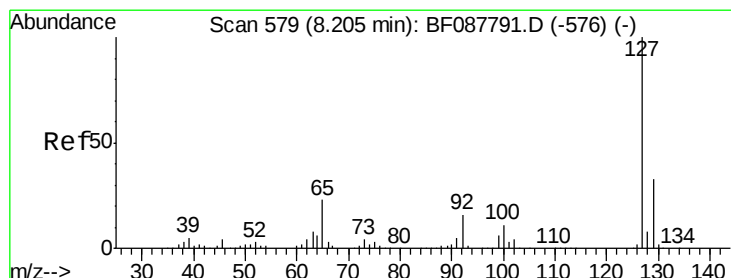
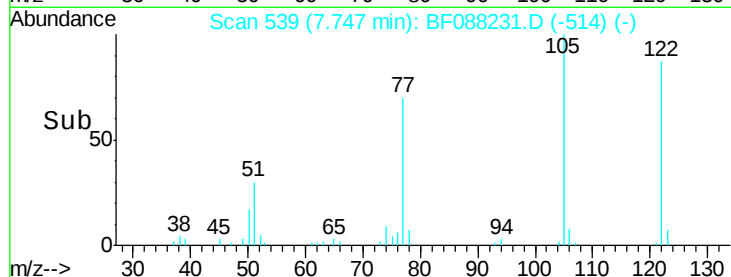
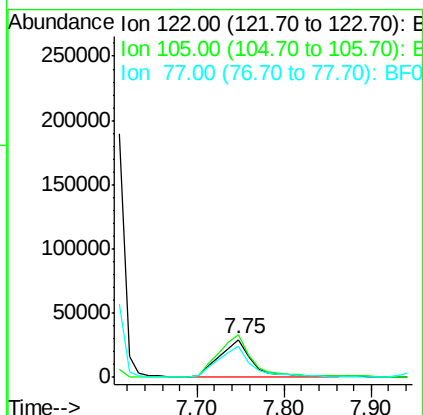
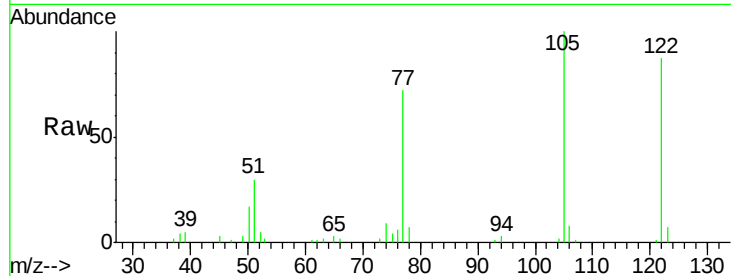




#32
Benzoic acid
Concen: 25.27 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

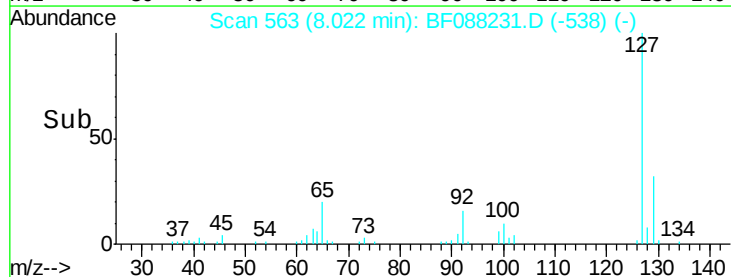
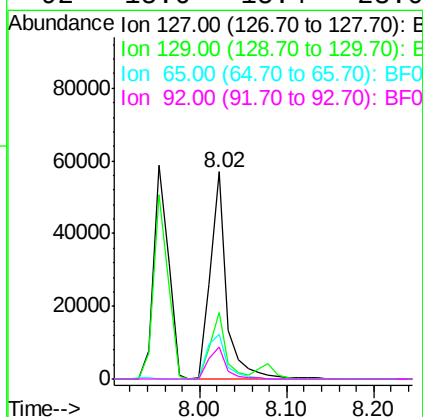
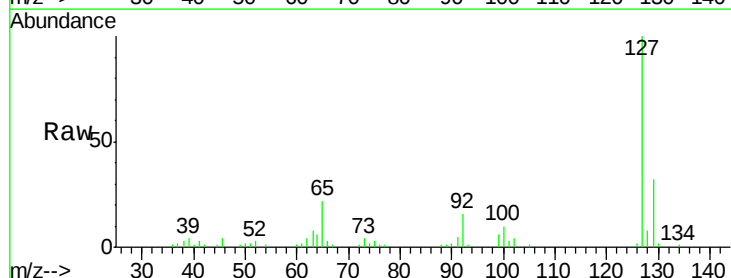
Instrument :
BNA_F
ClientSampleId :
PB91509BS

Tgt Ion:122 Resp: 76207
Ion Ratio Lower Upper
122 100
105 114.7 101.6 141.6
77 82.0 70.6 110.6



#33
4-Chloroaniline
Concen: 10.18 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:127 Resp: 75308
Ion Ratio Lower Upper
127 100
129 31.8 26.3 39.5
65 21.6 24.7 37.1#
92 15.6 15.4 23.0





#34

Hexachlorobutadiene

Concen: 32.25 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

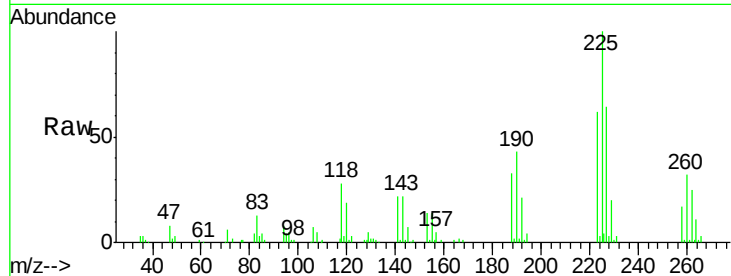
Tgt Ion:225 Resp: 84668

Ion Ratio Lower Upper

225 100

223 61.9 50.9 76.3

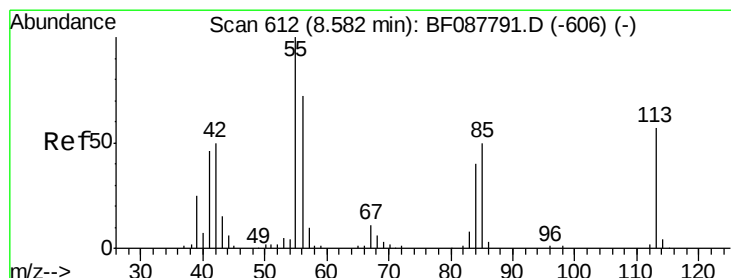
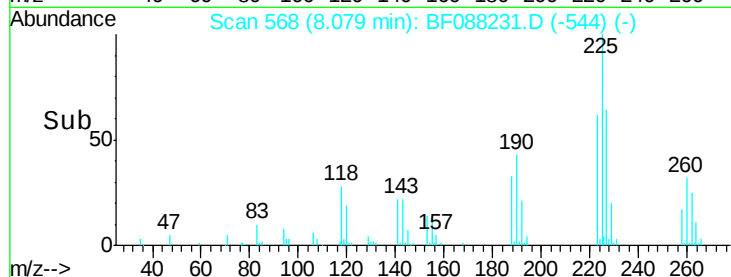
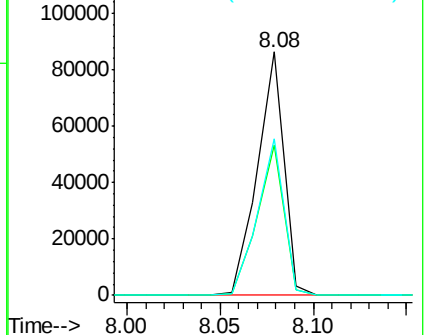
227 64.1 51.9 77.9



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: 22.16 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

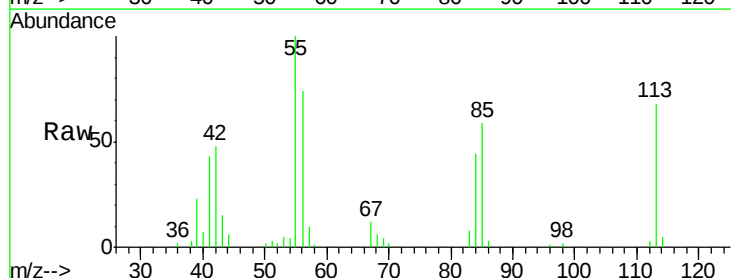
Tgt Ion:113 Resp: 33557

Ion Ratio Lower Upper

113 100

55 147.0 158.6 198.6#

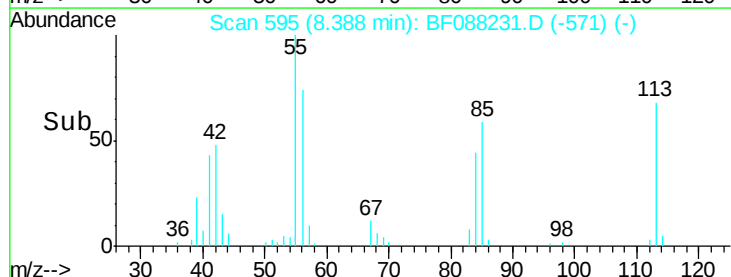
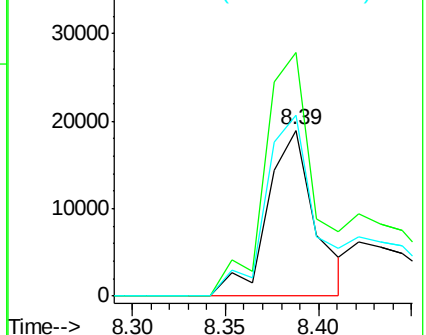
56 108.9 110.6 150.6#

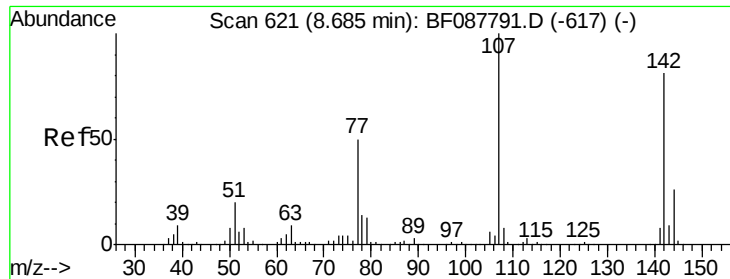


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

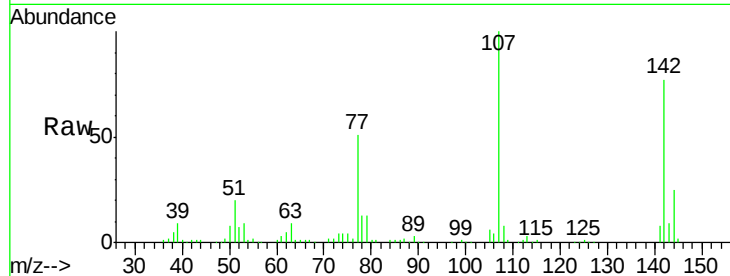




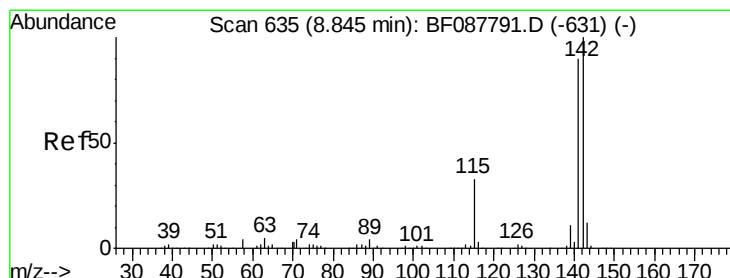
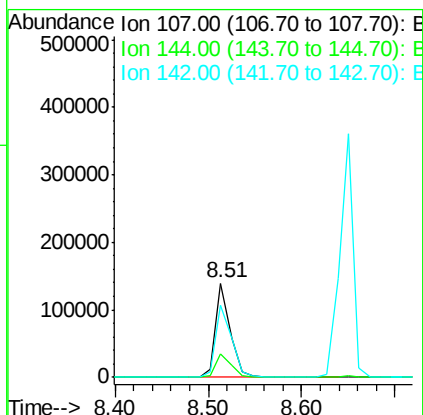
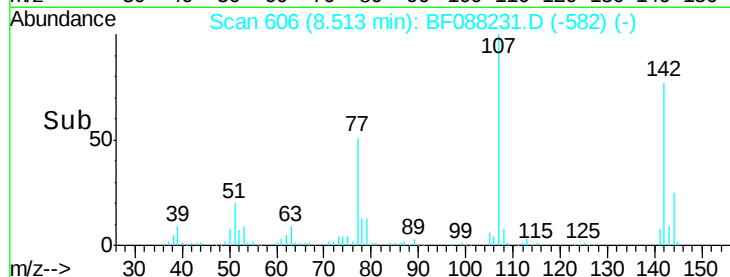
#36
 4-Chloro-3-methylphenol
 Concen: 31.38 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

Tgt Ion:107 Resp: 153444
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.8 31.2
 142 76.8 63.4 95.2

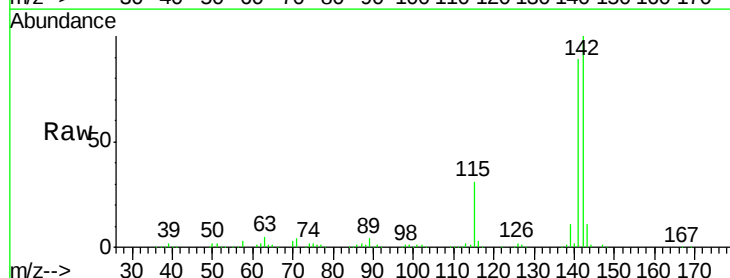


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

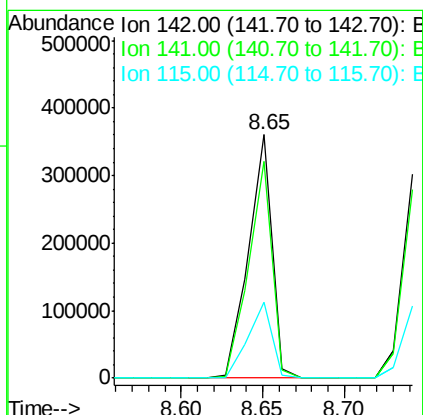
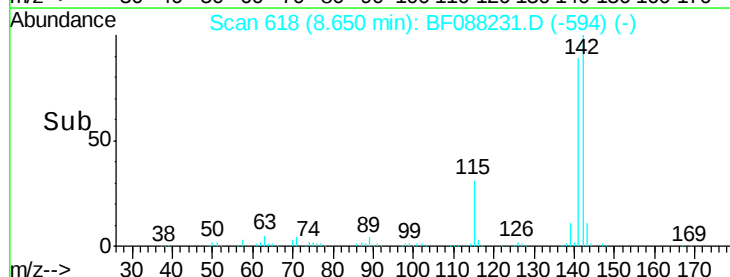


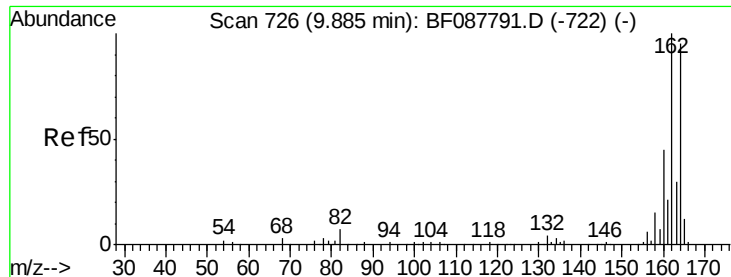
#37
 2-Methylnaphthalene
 Concen: 33.10 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion:142 Resp: 361357
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 31.2 22.6 33.8



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

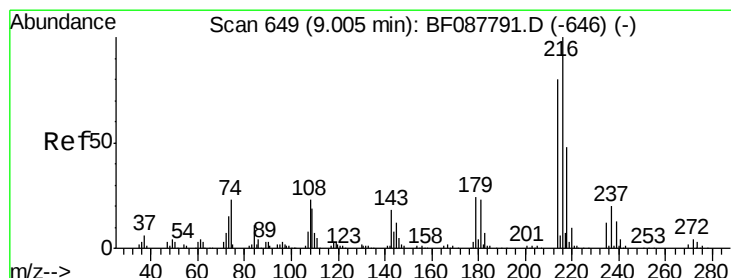
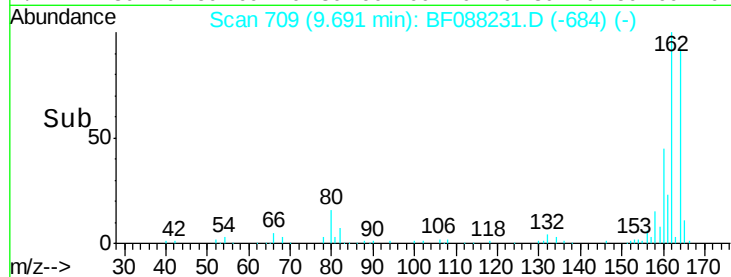
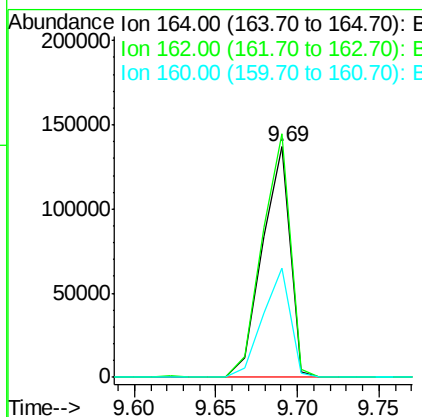
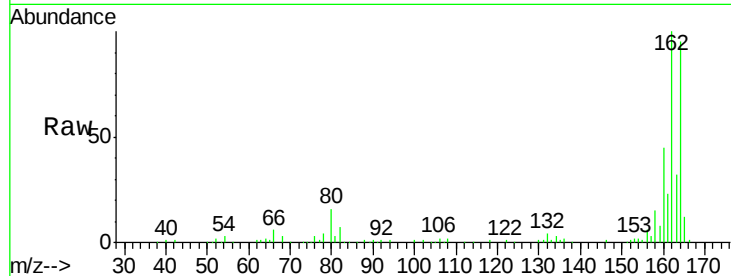




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

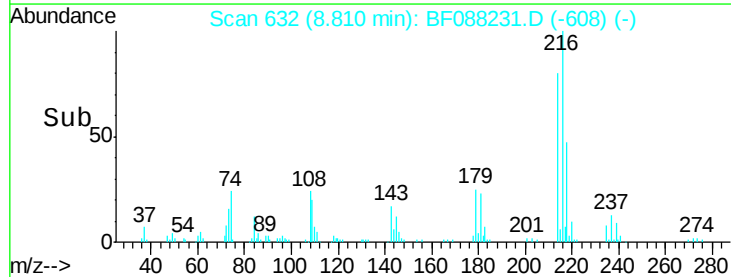
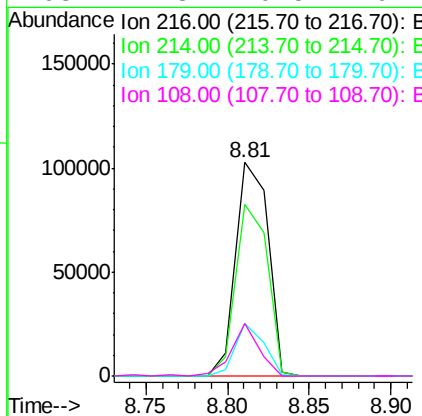
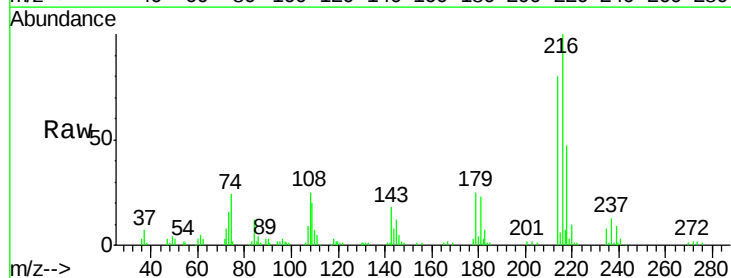
Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

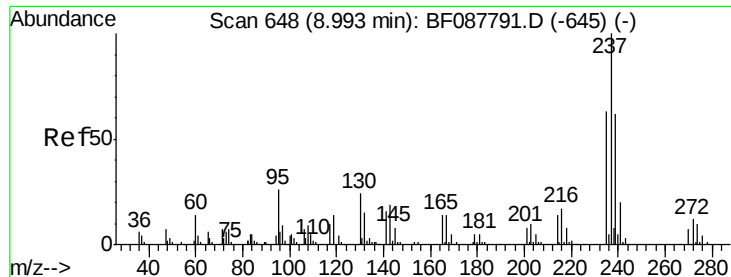
Tgt Ion:164 Resp: 161791
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.4 128.2
 160 47.6 39.5 59.3



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.93 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion:216 Resp: 140756
 Ion Ratio Lower Upper
 216 100
 214 78.8 2.9 4.3#
 179 21.8 0.0 0.0#
 108 21.3 0.5 0.7#

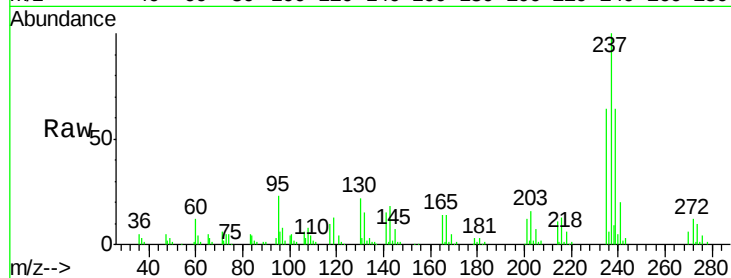




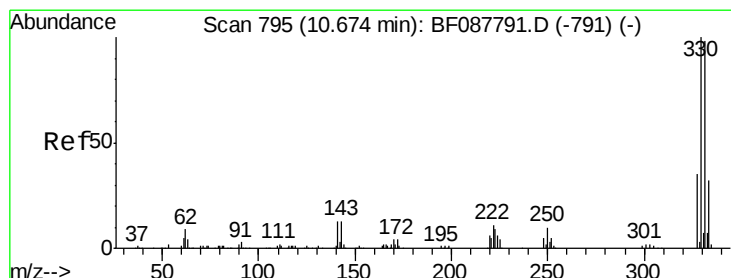
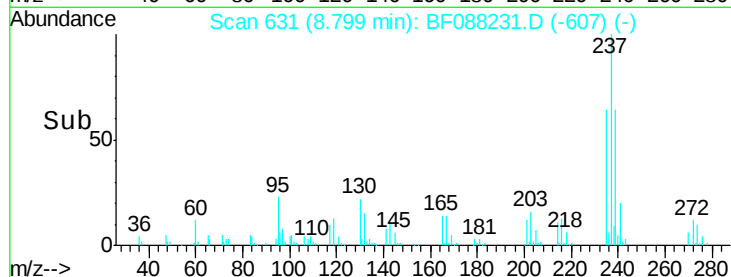
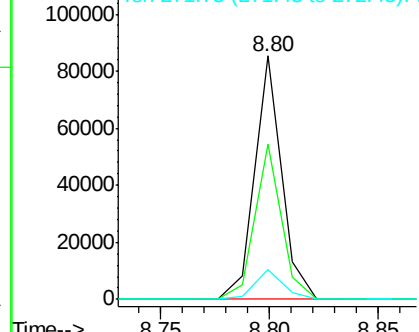
#40
Hexachlorocyclopentadiene
Concen: 28.14 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Instrument :
BNA_F
ClientSampleId :
PB91509BS

Tgt Ion: 237 Resp: 73443
Ion Ratio Lower Upper
237 100
235 63.8 43.4 83.4
272 12.1 0.0 32.3

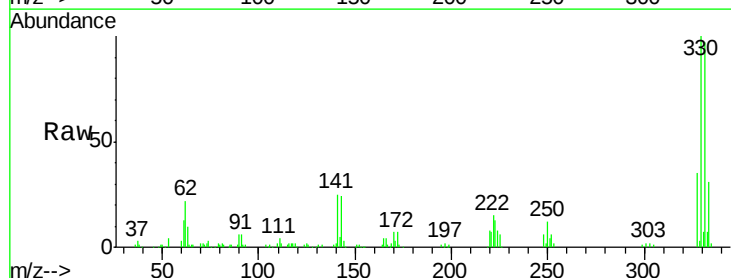


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

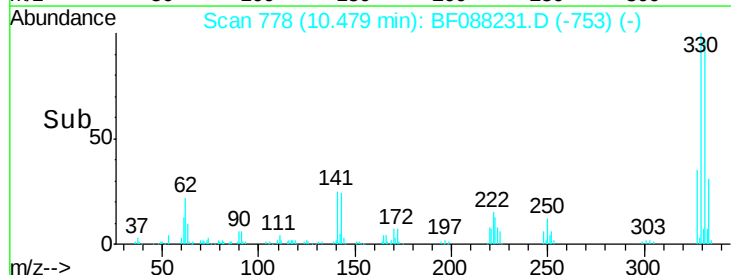
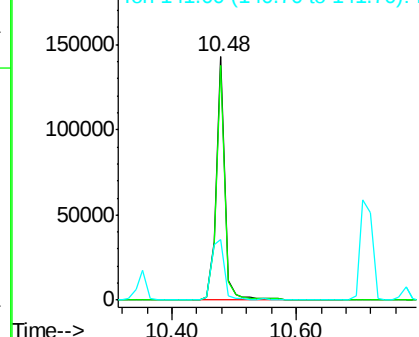


#41
2,4,6-Tribromophenol
Concen: 81.40 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion: 330 Resp: 139053
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 36.6 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

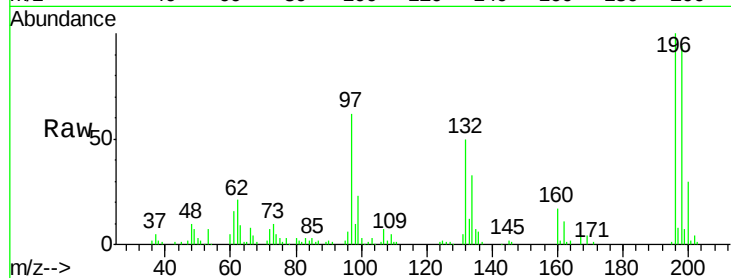




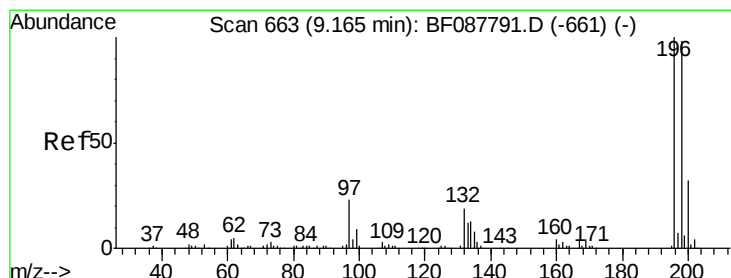
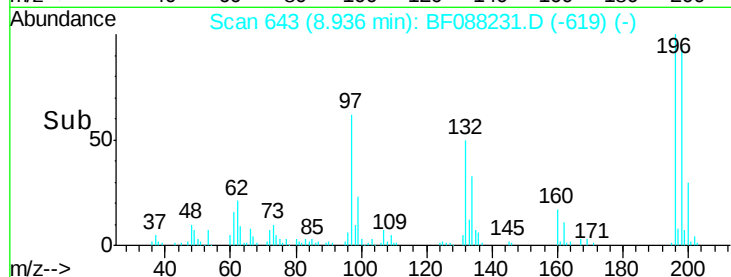
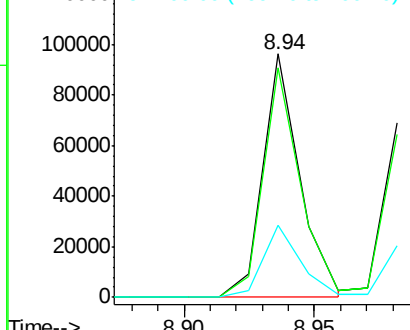
#42
 2,4,6-Trichlorophenol
 Concen: 28.87 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

Tgt Ion:196 Resp: 93410
 Ion Ratio Lower Upper
 196 100
 198 94.5 78.0 117.0
 200 29.6 25.4 38.2



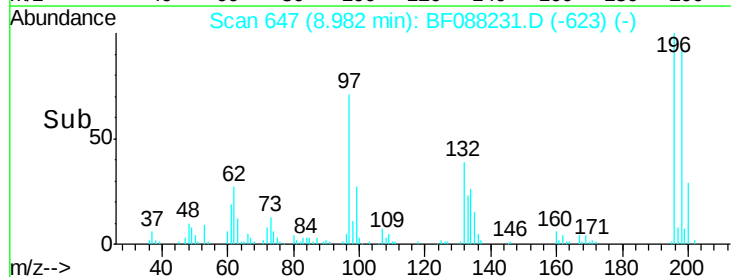
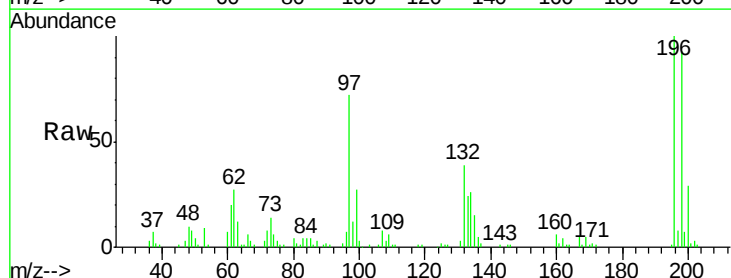
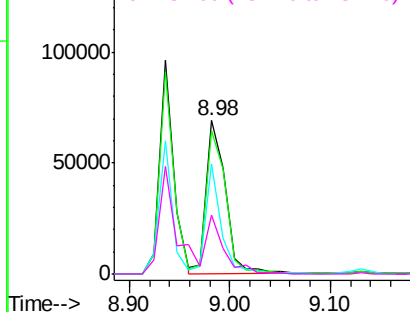
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

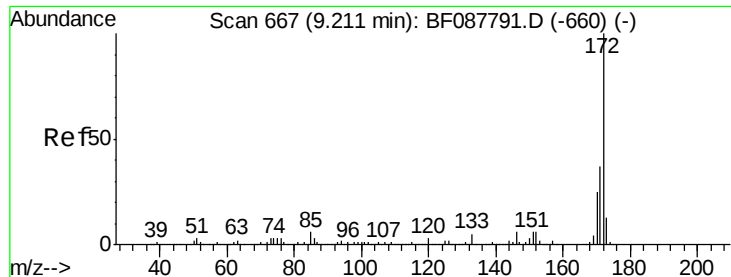


#43
 2,4,5-Trichlorophenol
 Concen: 27.21 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion:196 Resp: 91595
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.5 116.3
 97 71.7 32.0 48.0#
 132 38.7 20.9 31.3#

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





#44

2-Fluorobiphenyl

Concen: 66.14 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

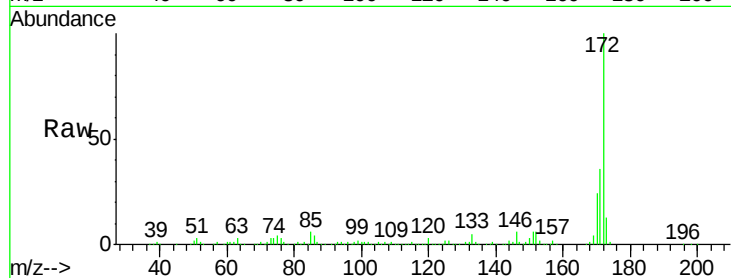
Tgt Ion:172 Resp: 693810

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

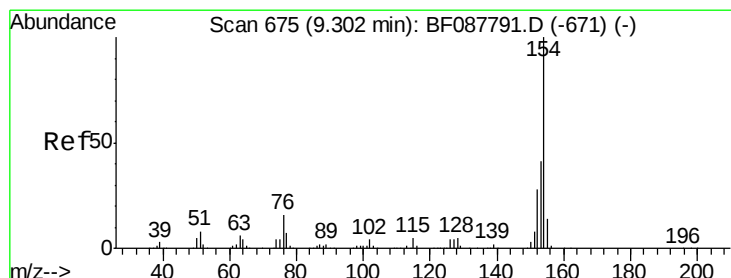
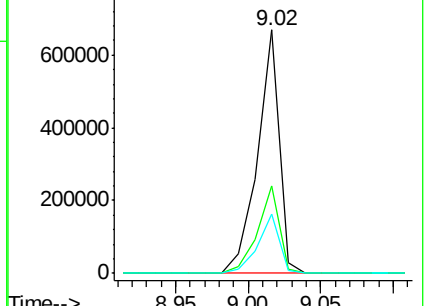
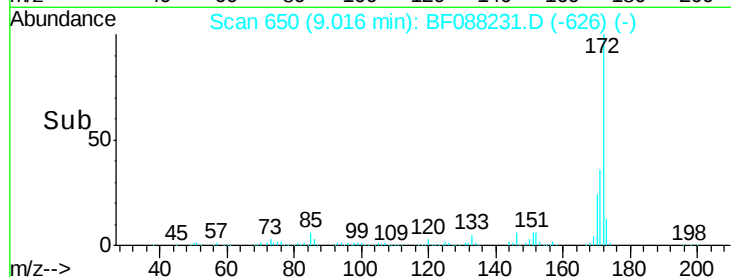
170 24.2 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 32.49 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

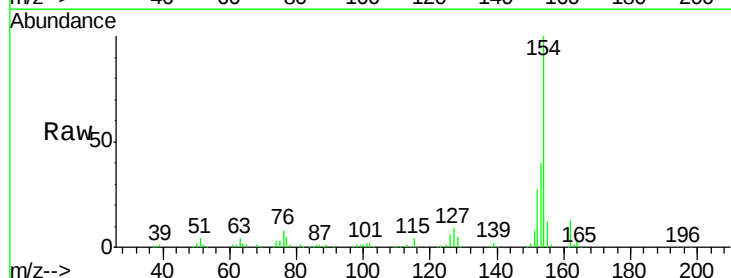
Tgt Ion:154 Resp: 415553

Ion Ratio Lower Upper

154 100

153 39.7 20.6 60.6

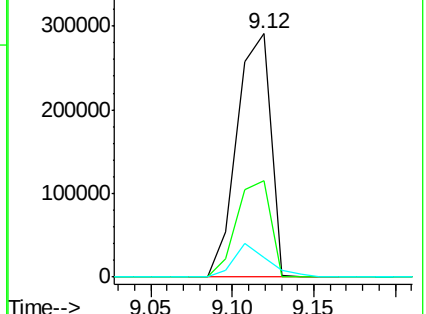
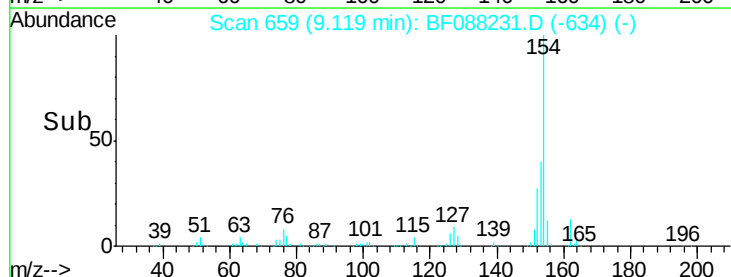
76 8.3 0.0 35.1

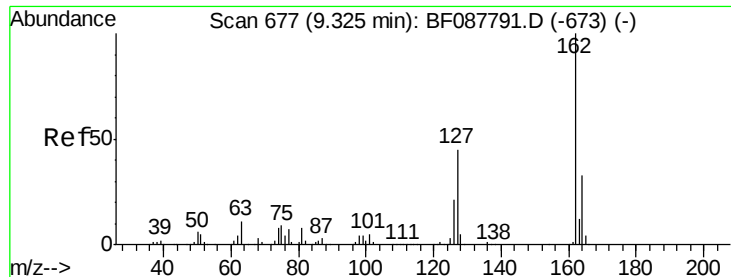


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

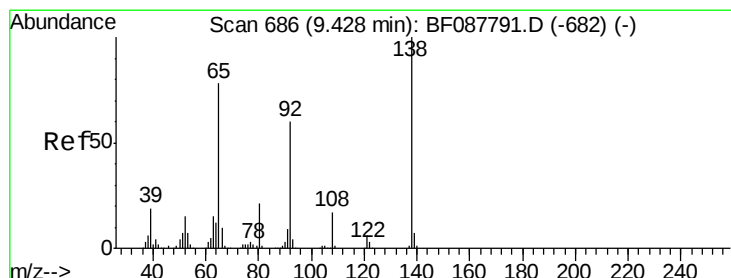
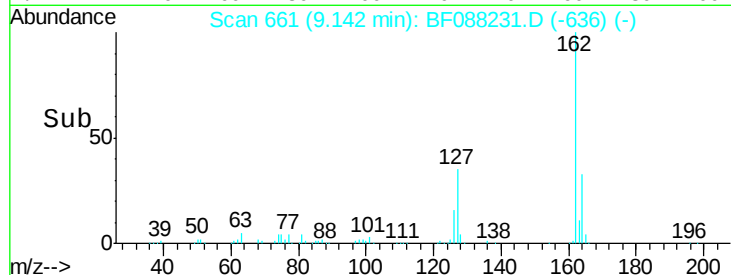
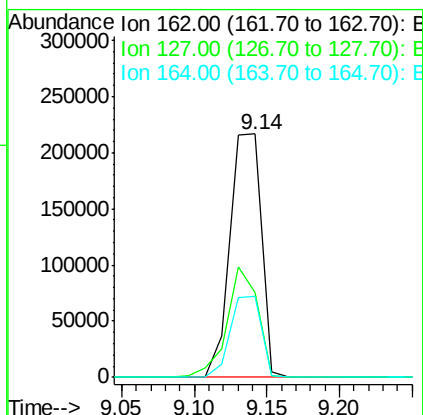
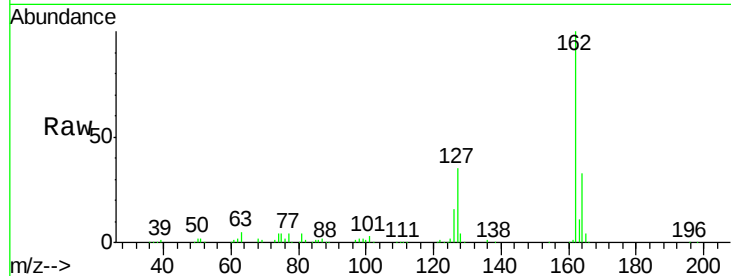




#46
 2-Chloronaphthalene
 Concen: 31.21 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

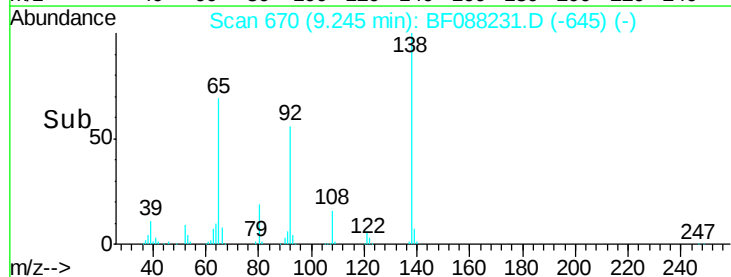
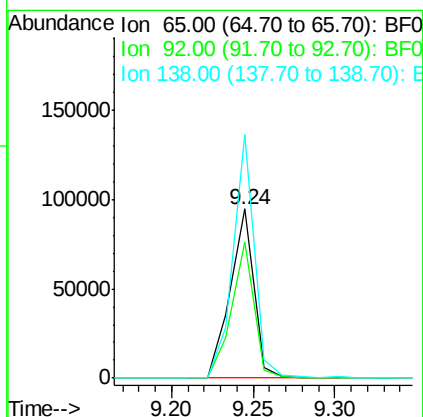
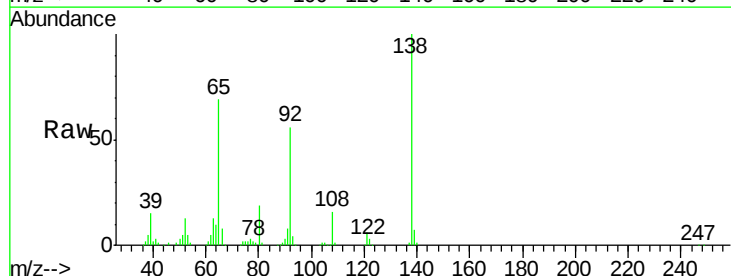
Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

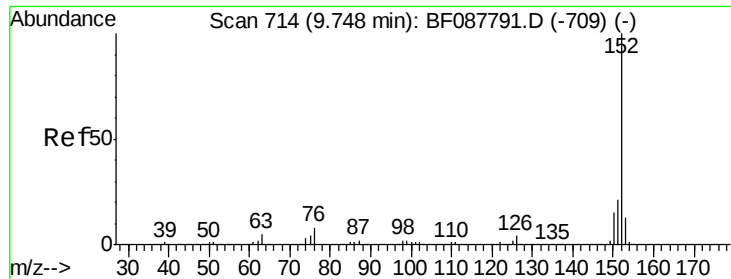
Tgt Ion: 162 Resp: 326759
 Ion Ratio Lower Upper
 162 100
 127 34.8 35.2 52.8#
 164 33.2 26.6 39.8



#47
 2-Nitroaniline
 Concen: 30.51 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion: 65 Resp: 94236
 Ion Ratio Lower Upper
 65 100
 92 80.2 54.6 82.0
 138 144.0 77.0 115.4#





#48

Acenaphthylene

Concen: 30.47 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

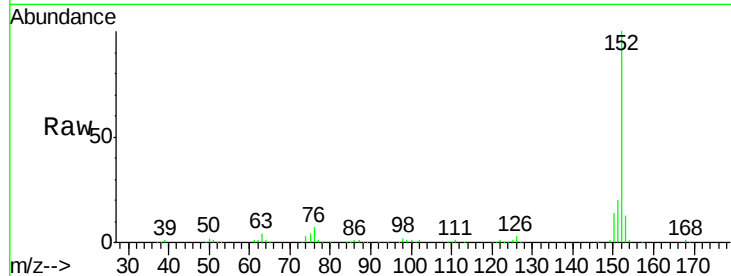
Tgt Ion:152 Resp: 507364

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

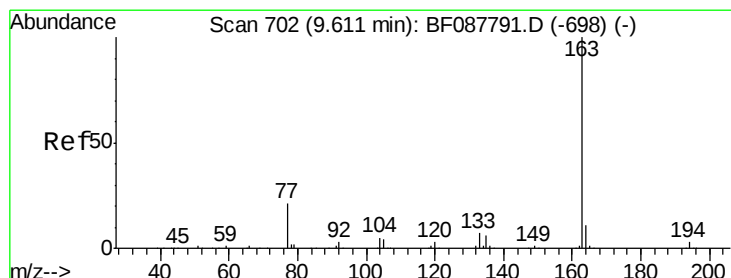
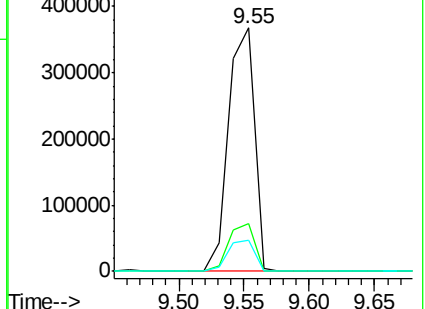
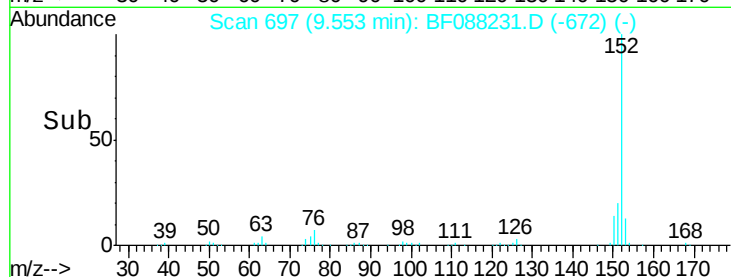
153 12.6 11.0 16.6



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: 32.97 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

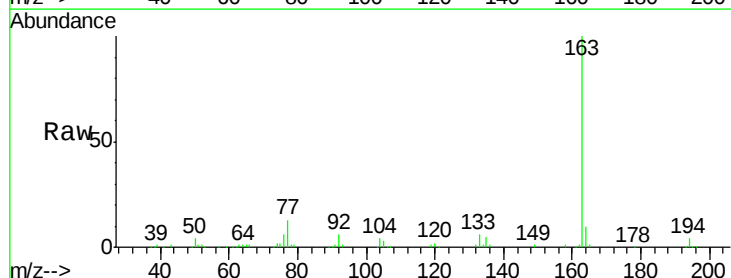
Tgt Ion:163 Resp: 386452

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

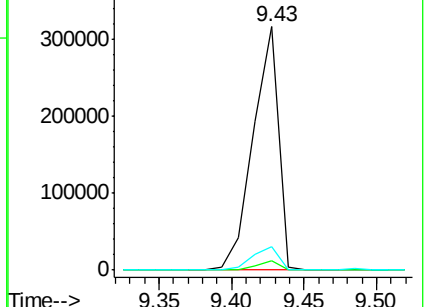
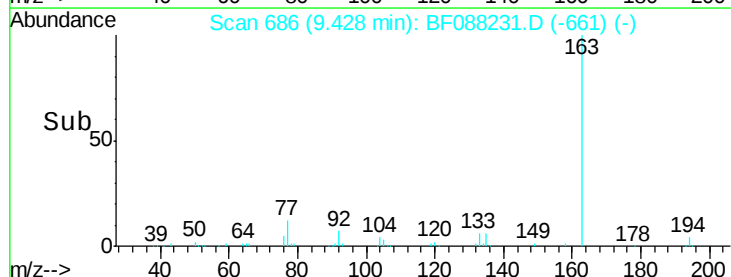
164 9.7 8.3 12.5

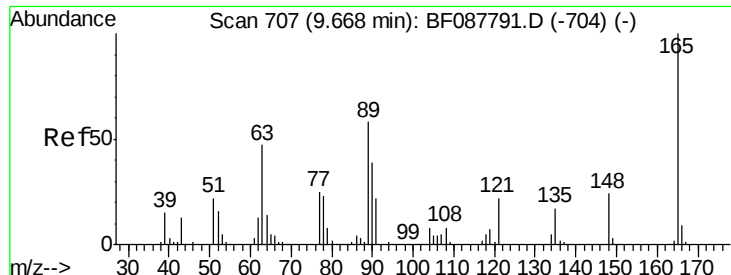


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

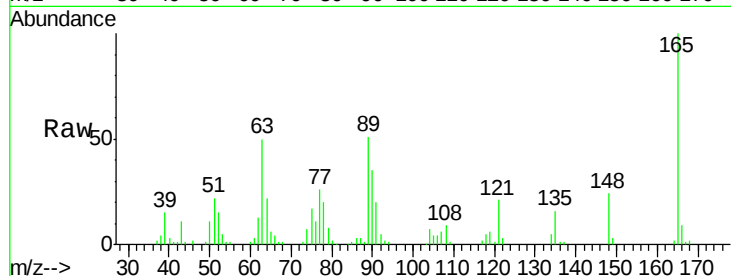




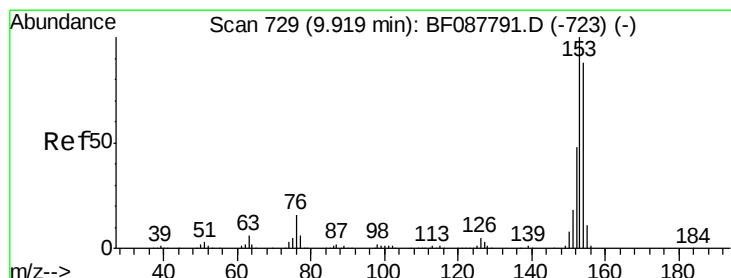
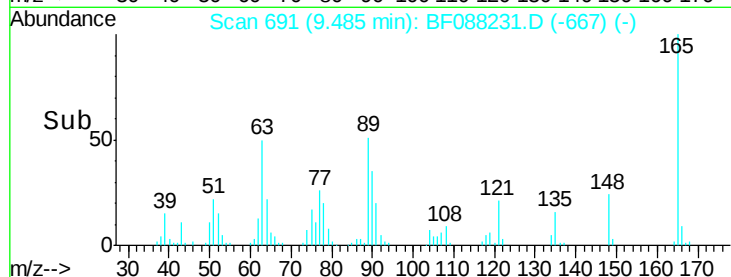
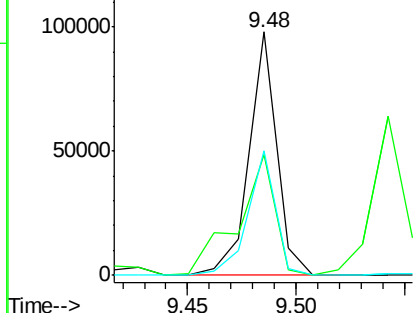
#50
2,6-Dinitrotoluene
Concen: 32.38 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Instrument :
BNA_F
ClientSampleId :
PB91509BS

Tgt Ion:165 Resp: 86909
Ion Ratio Lower Upper
165 100
63 49.6 28.1 42.1#
89 51.2 32.2 48.2#

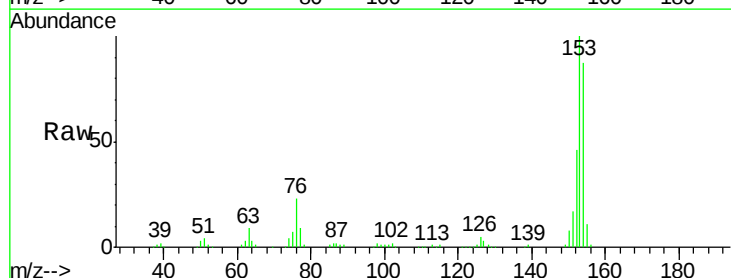


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

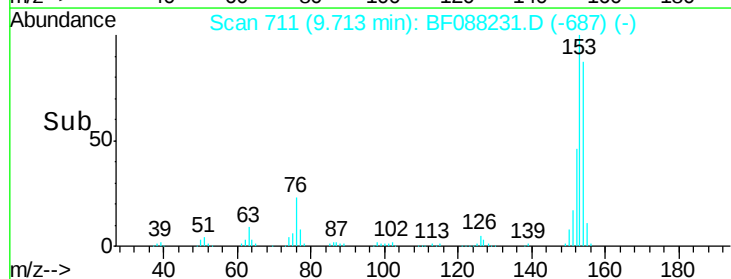
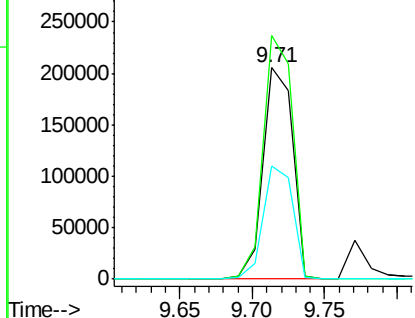


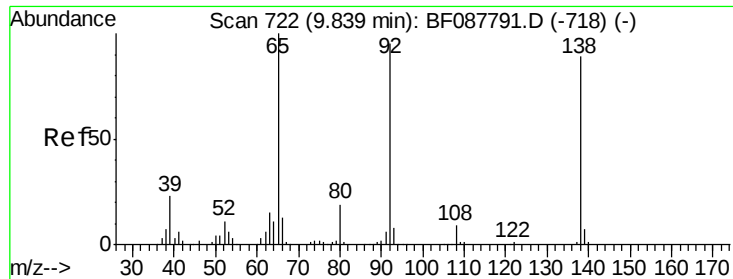
#51
Acenaphthene
Concen: 27.94 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:154 Resp: 290215
Ion Ratio Lower Upper
154 100
153 115.3 89.5 134.3
152 53.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

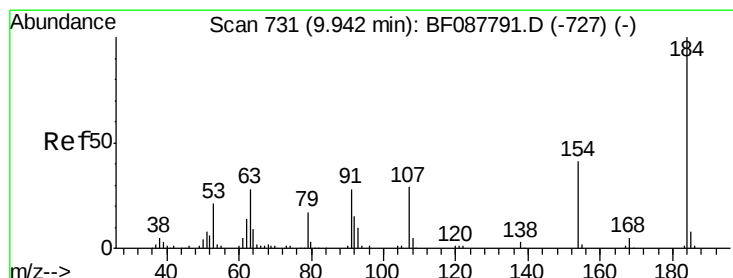
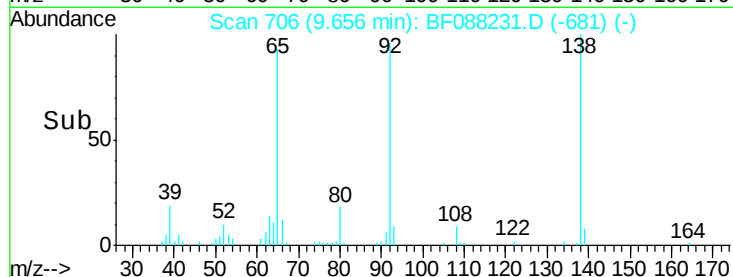
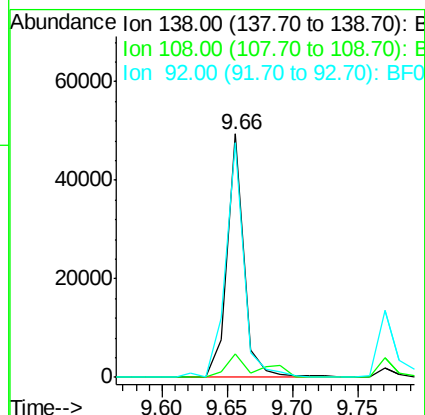
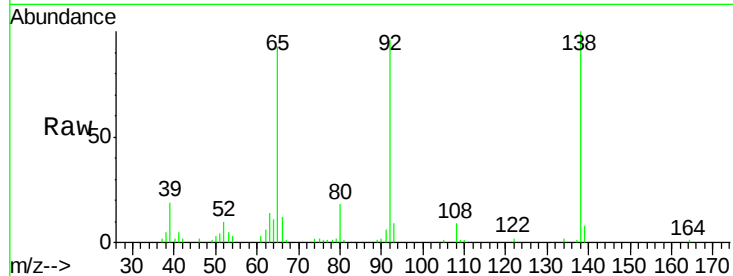




#52
3-Nitroaniline
Concen: 14.53 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

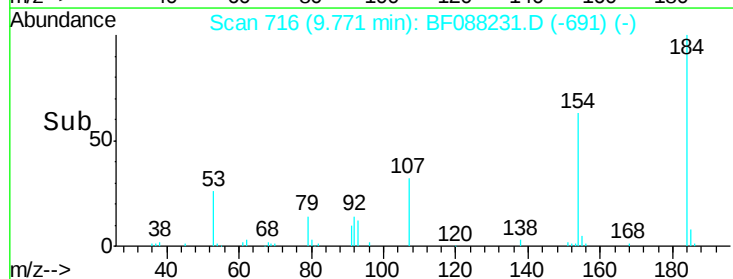
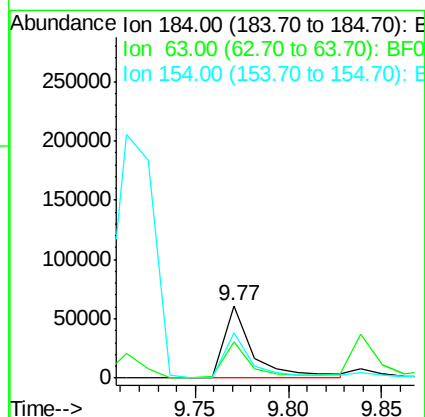
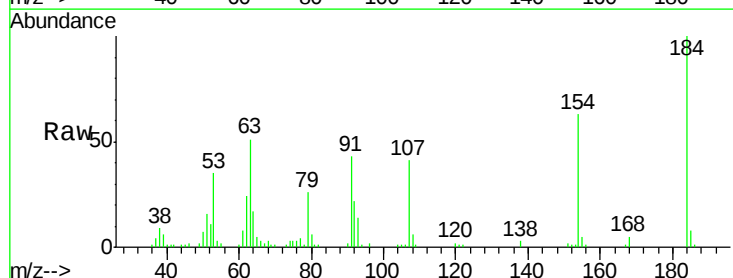
Instrument :
BNA_F
ClientSampleId :
PB91509BS

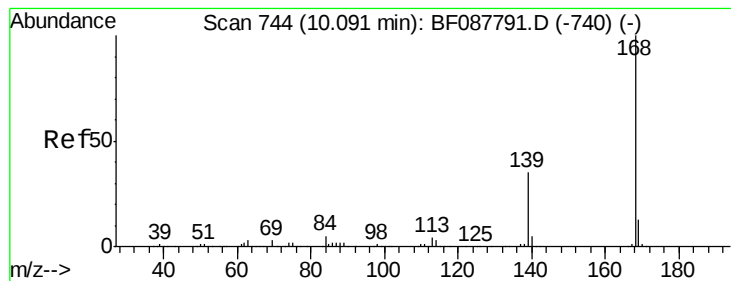
Tgt Ion:138 Resp: 44993
Ion Ratio Lower Upper
138 100
108 9.4 8.5 12.7
92 96.5 95.7 143.5



#53
2,4-Dinitrophenol
Concen: 50.27 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:184 Resp: 66283
Ion Ratio Lower Upper
184 100
63 50.8 57.6 86.4#
154 62.9 53.5 80.3





#54

Dibenzofuran

Concen: 30.86 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

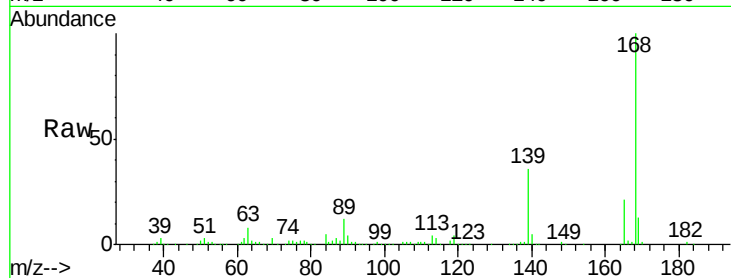
Tgt Ion:168 Resp: 441502

Ion Ratio Lower Upper

168 100

139 35.7 26.4 39.6

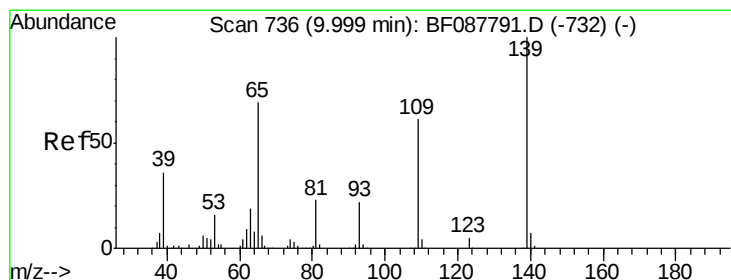
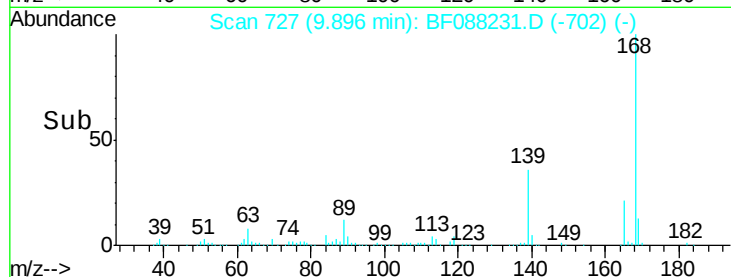
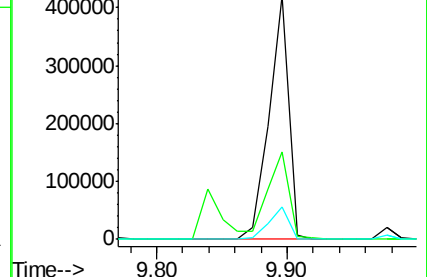
169 13.2 10.4 15.6



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: 37.82 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

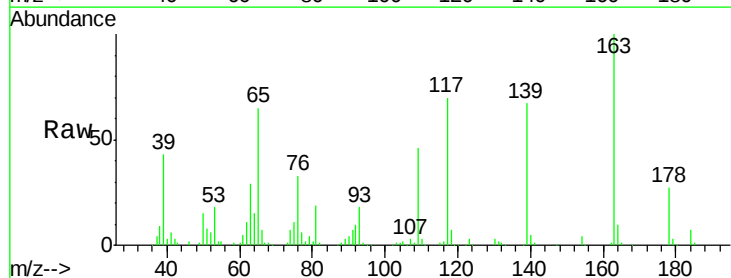
Tgt Ion:139 Resp: 90912

Ion Ratio Lower Upper

139 100

109 68.1 48.9 88.9

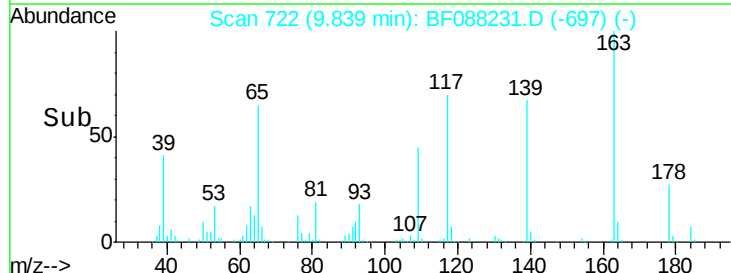
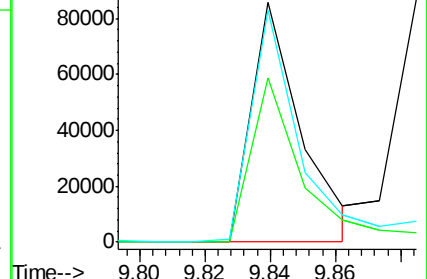
65 96.6 84.9 124.9

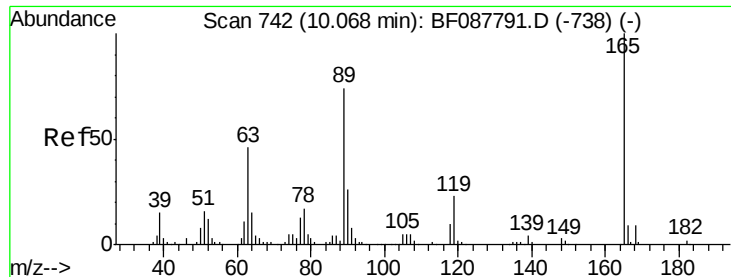


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 30.90 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

Tgt Ion:165 Resp: 106599

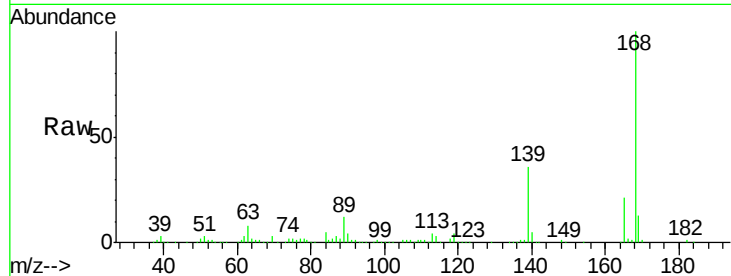
Ion Ratio Lower Upper

165 100

63 38.8 22.0 33.0#

89 56.5 41.1 61.7

182 2.6 2.0 3.0

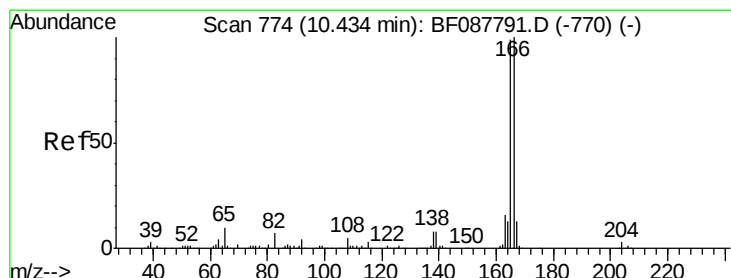
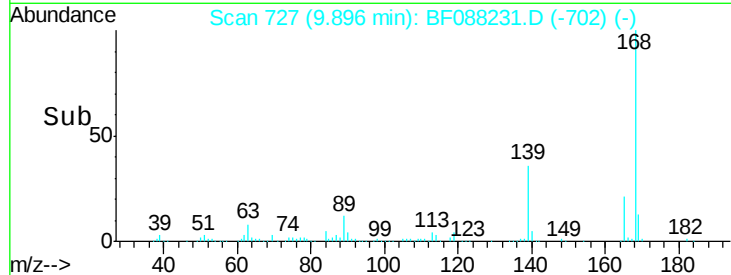
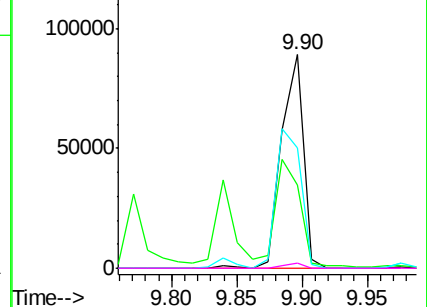


Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.51 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

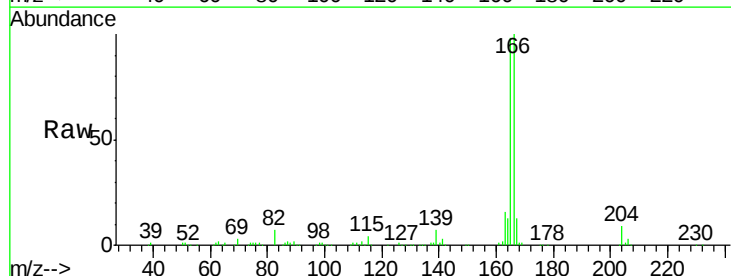
Tgt Ion:166 Resp: 344500

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

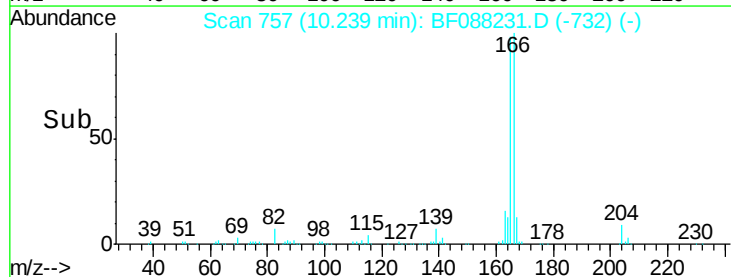
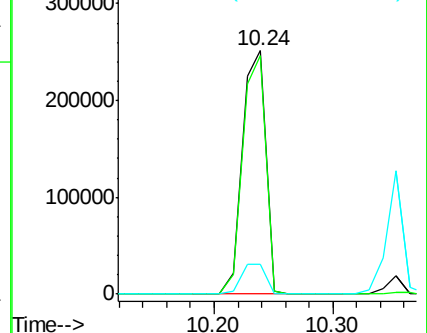
167 12.5 11.2 16.8

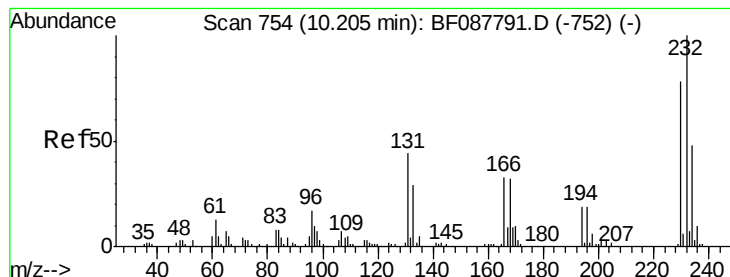


Abundance Ion 166.00 (165.70 to 166.70): E

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: 30.30 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

Tgt Ion:232 Resp: 80164

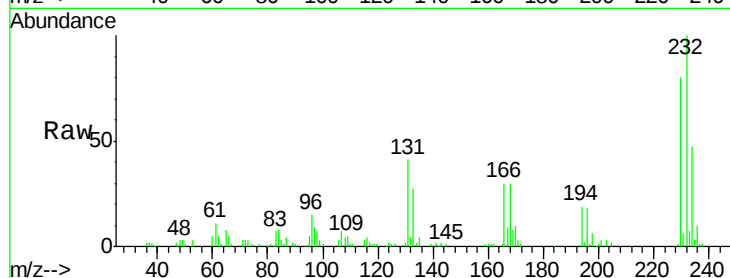
Ion Ratio Lower Upper

232 100

131 46.8 0.9 1.3#

130 2.0 1.5 2.3

166 33.6 0.5 0.7#

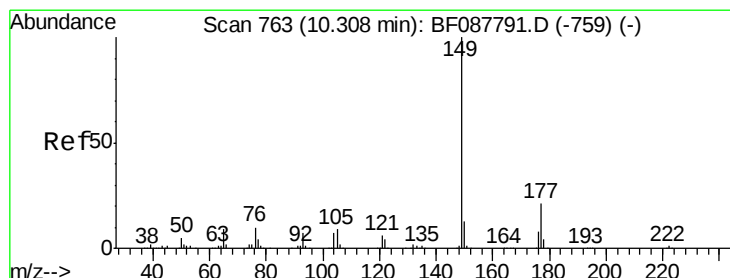
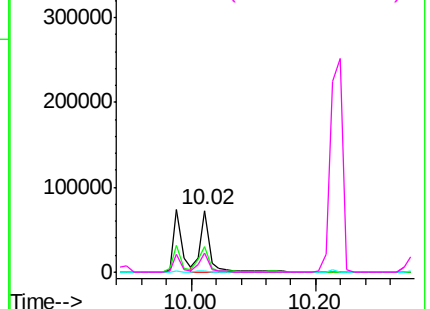
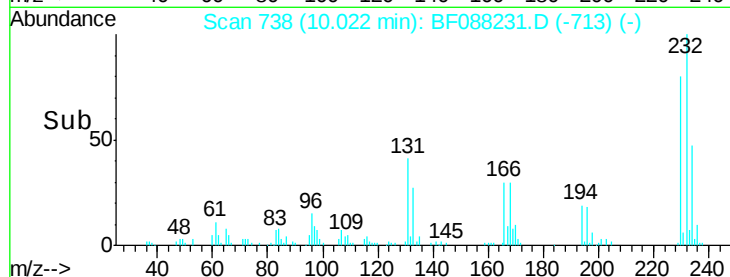


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 32.49 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

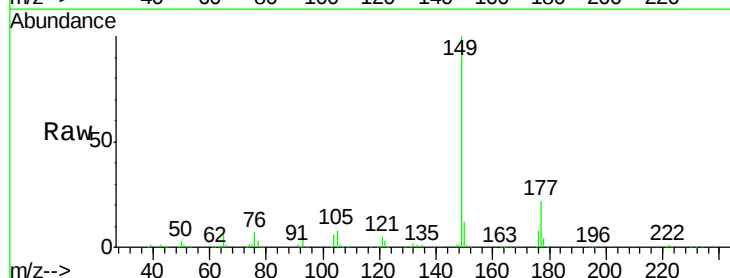
Tgt Ion:149 Resp: 385459

Ion Ratio Lower Upper

149 100

177 22.1 16.9 25.3

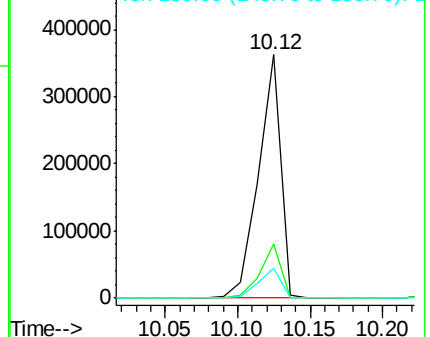
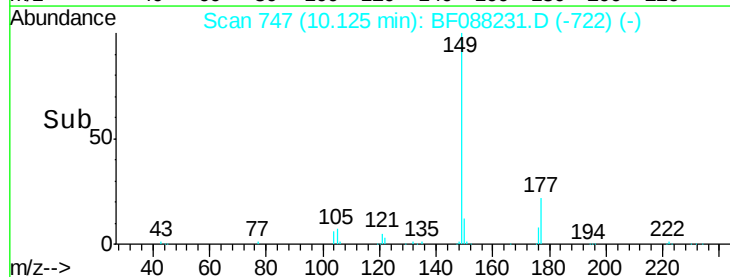
150 12.1 10.1 15.1

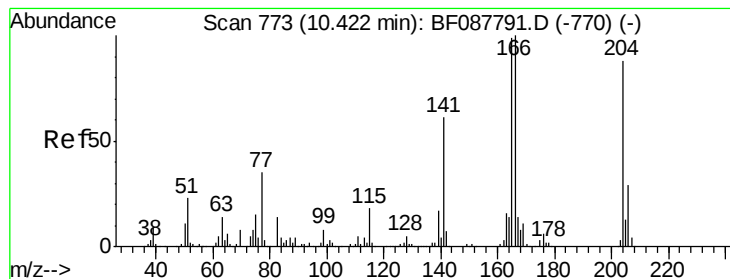


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 31.31 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

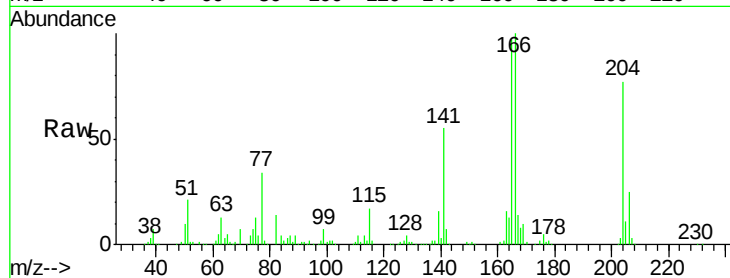
Tgt Ion:204 Resp: 148958

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

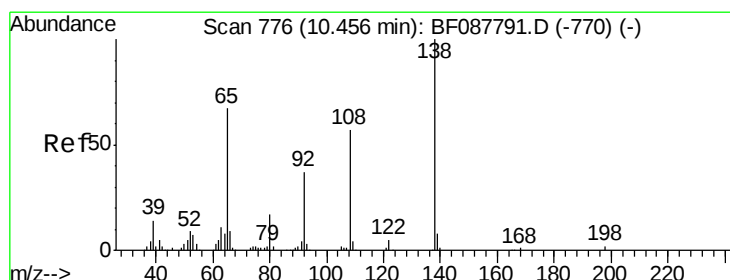
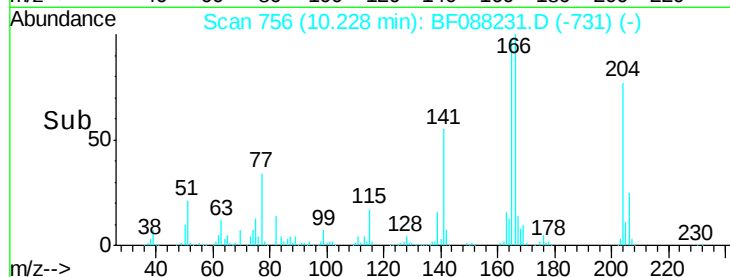
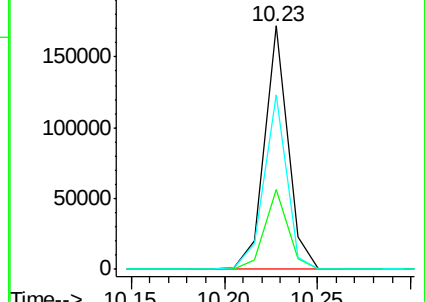
141 71.8 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 30.84 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

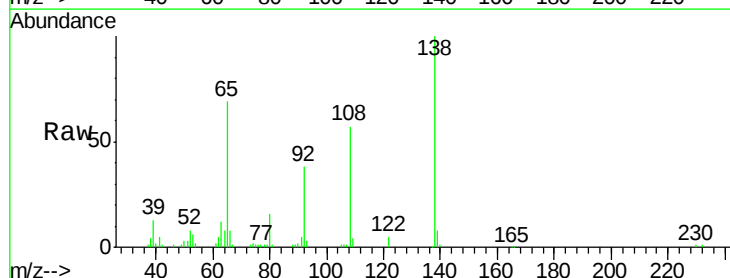
Tgt Ion:138 Resp: 90594

Ion Ratio Lower Upper

138 100

92 37.7 27.3 67.3

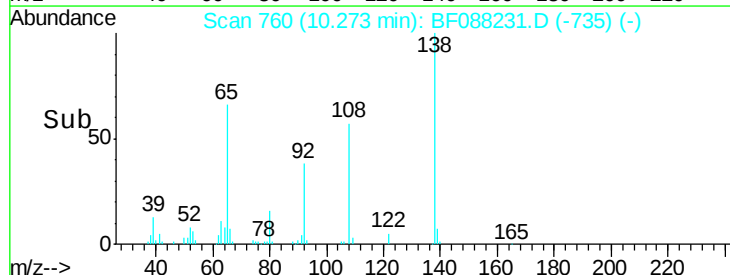
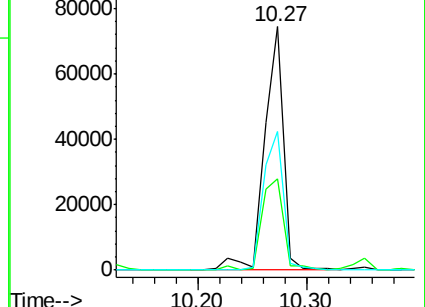
108 57.2 46.7 86.7

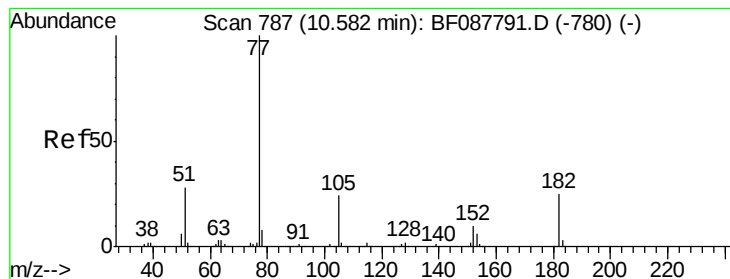


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 31.29 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

Tgt Ion: 77 Resp: 367077

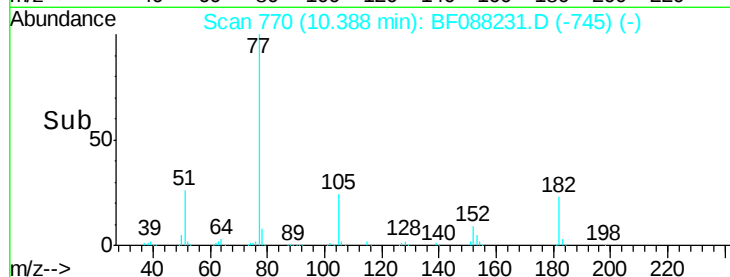
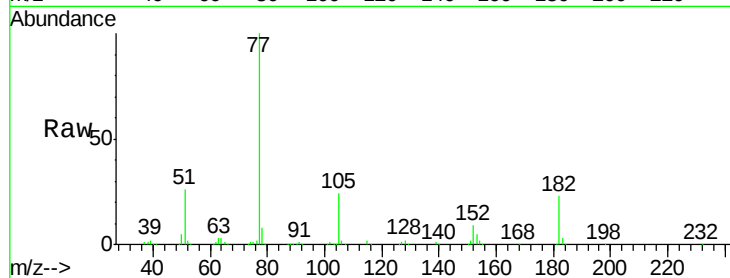
Ion Ratio Lower Upper

77 100

182 23.1 4.4 44.4

105 24.1 3.8 43.8

51 25.7 9.3 49.3

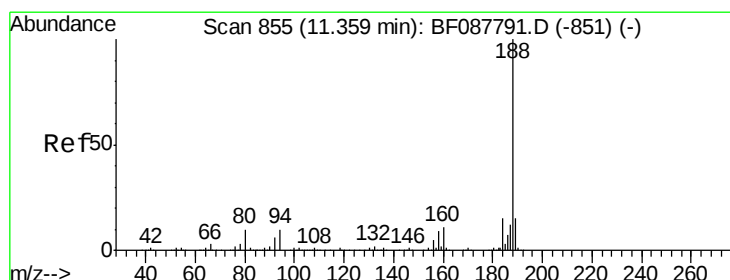
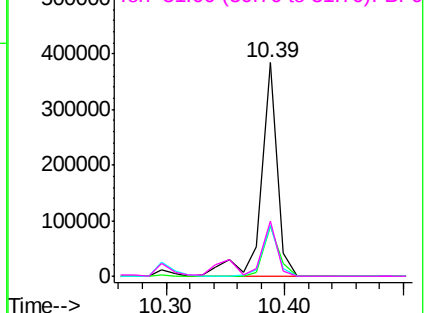


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

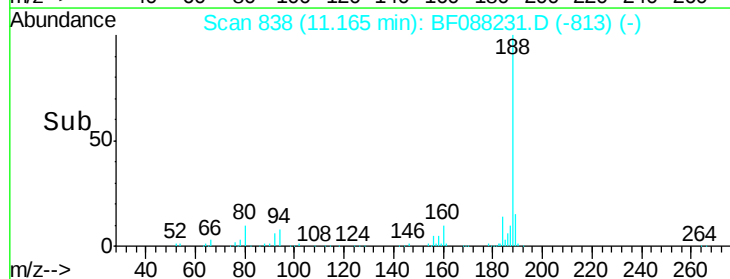
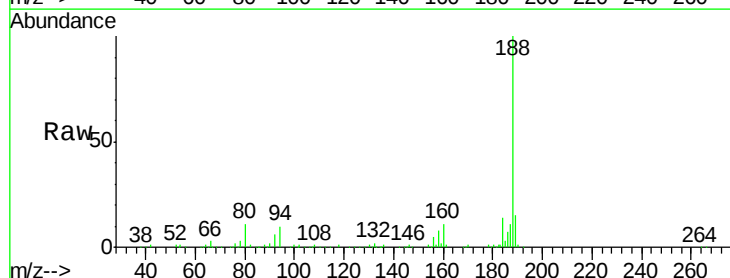
Tgt Ion: 188 Resp: 287314

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.6

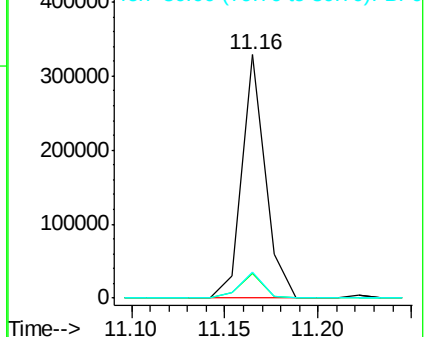
80 10.8 10.0 15.0

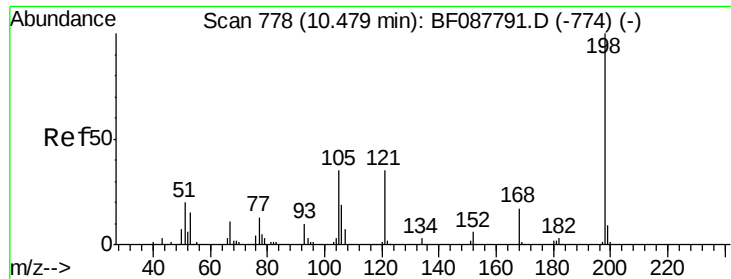


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 30.55 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

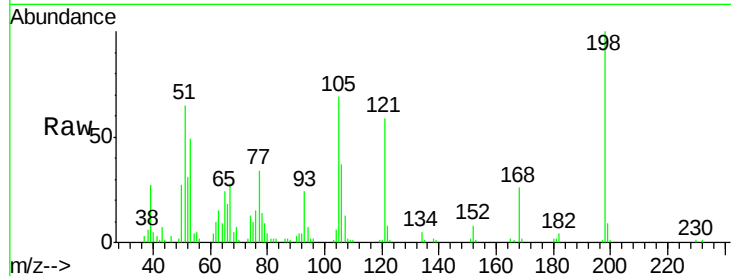
Tgt Ion:198 Resp: 53318

Ion Ratio Lower Upper

198 100

51 65.0 39.6 79.6

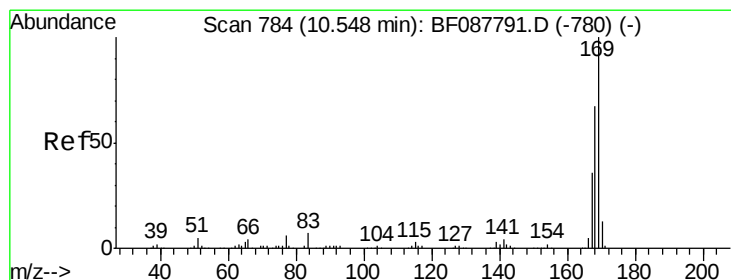
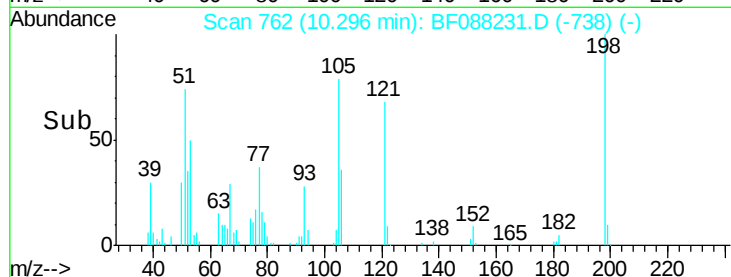
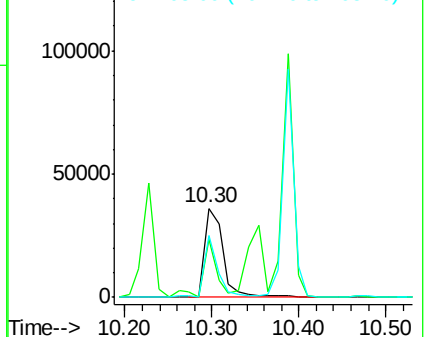
105 69.4 36.6 76.6



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: 34.53 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

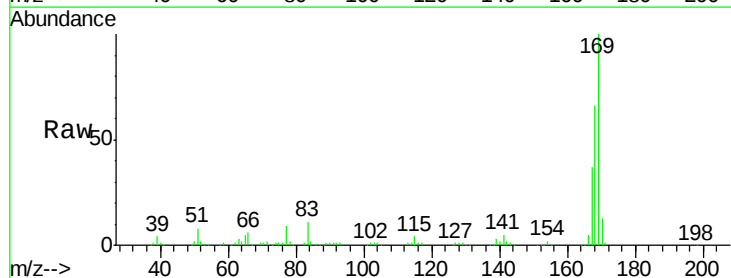
Tgt Ion:169 Resp: 329184

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

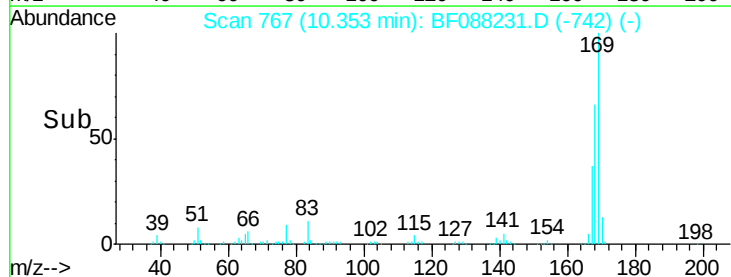
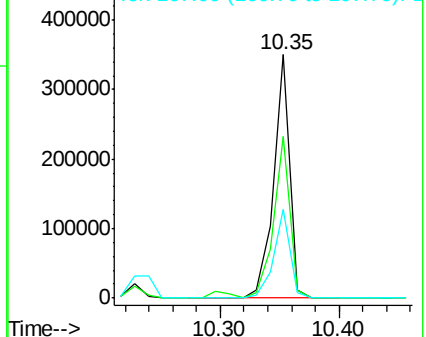
167 36.5 29.4 44.0



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

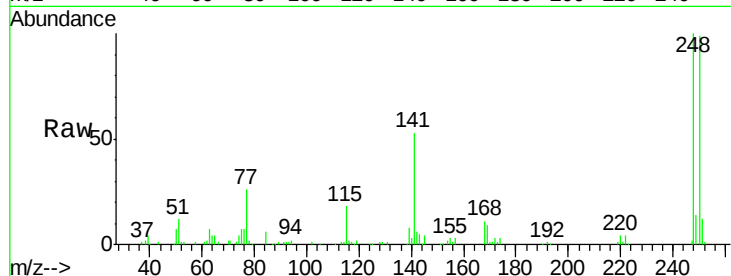




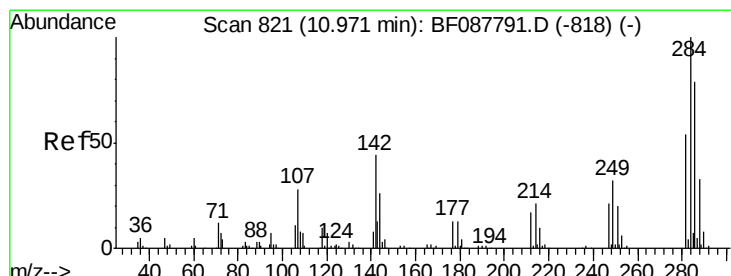
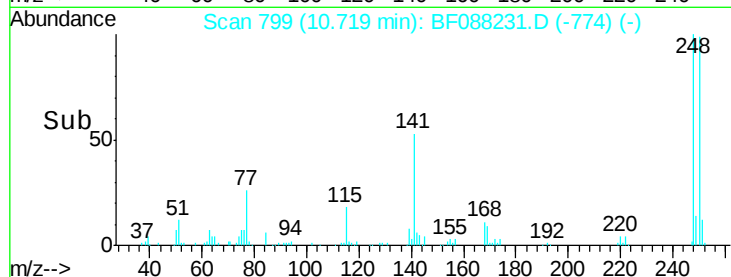
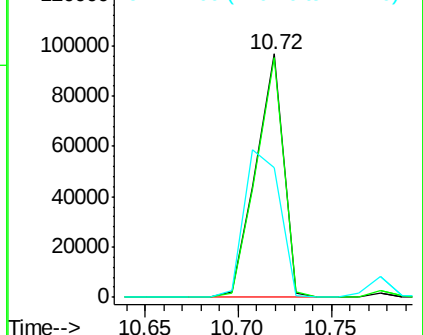
#66
 4-Bromophenyl-phenylether
 Concen: 32.10 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

Tgt Ion:248 Resp: 98951
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.1 115.7
 141 53.1 50.6 76.0

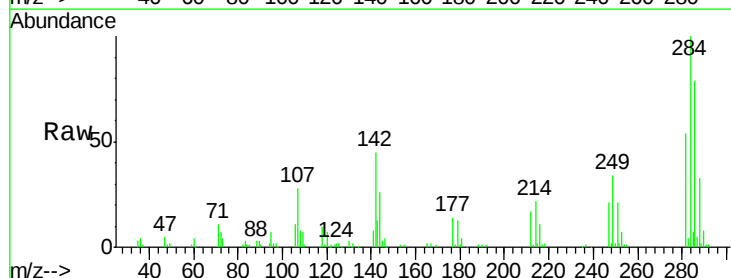


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

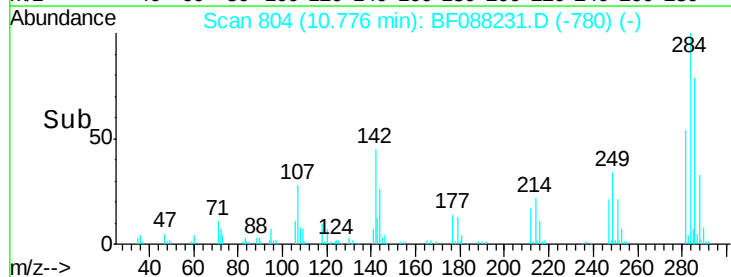
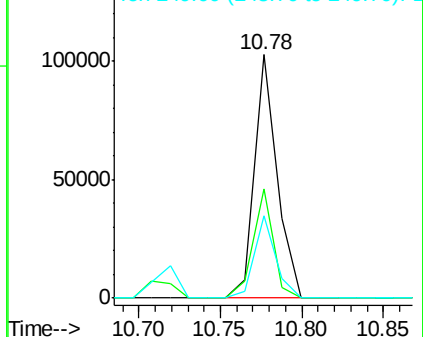


#67
 Hexachlorobenzene
 Concen: 31.12 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion:284 Resp: 99657
 Ion Ratio Lower Upper
 284 100
 142 45.0 35.8 53.8
 249 34.0 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

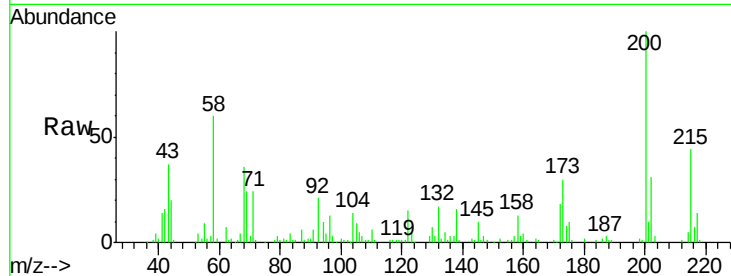




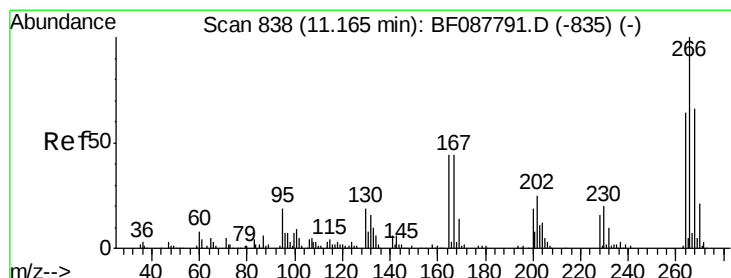
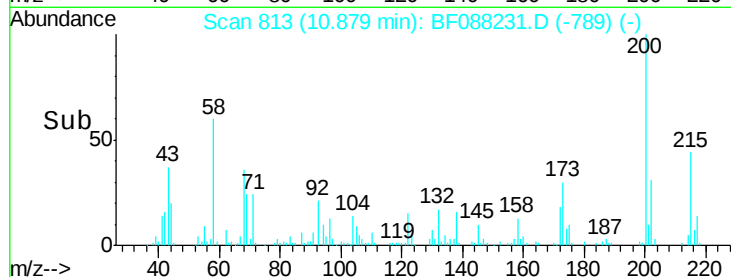
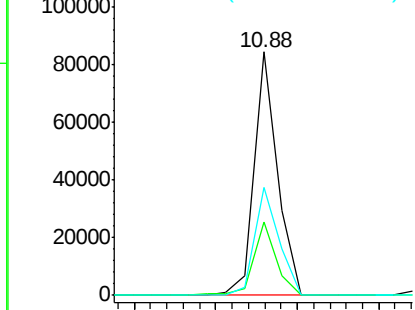
#68
 Atrazine
 Concen: 28.97 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Instrument :
 BNA_F
 ClientSampled :
 PB91509BS

Tgt Ion: 200 Resp: 83642
 Ion Ratio Lower Upper
 200 100
 173 30.2 4.0 44.0
 215 44.5 29.3 69.3

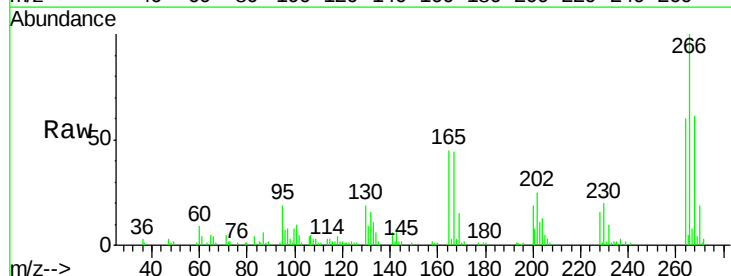


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

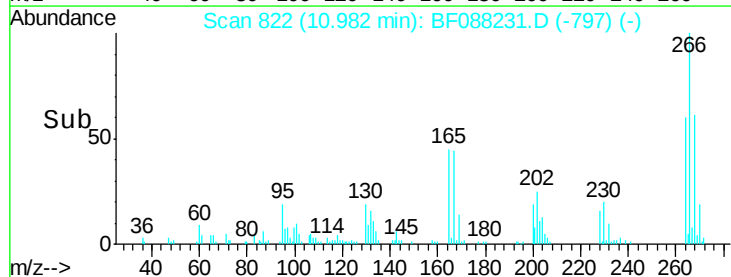
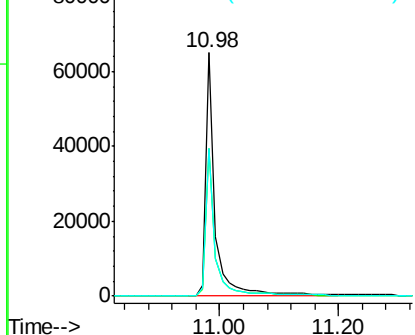


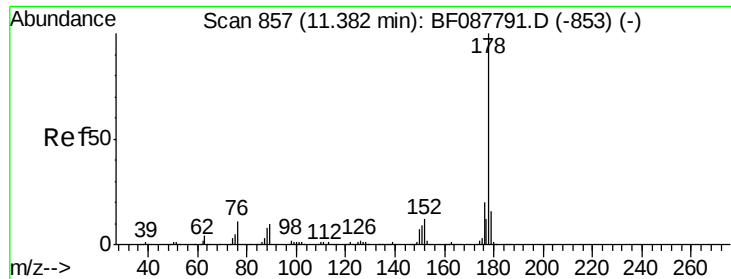
#69
 Pentachlorophenol
 Concen: 44.04 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion: 266 Resp: 74345
 Ion Ratio Lower Upper
 266 100
 268 60.7 52.8 79.2
 264 60.5 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

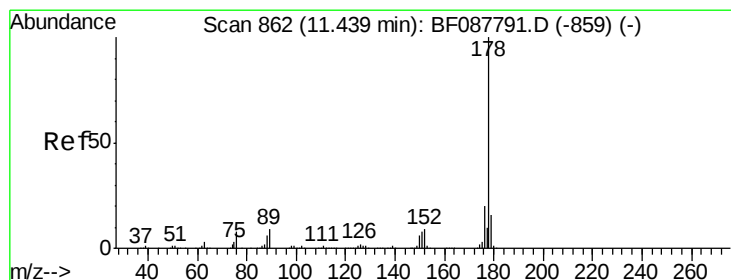
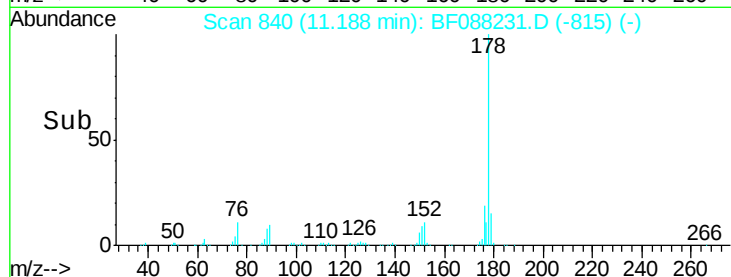
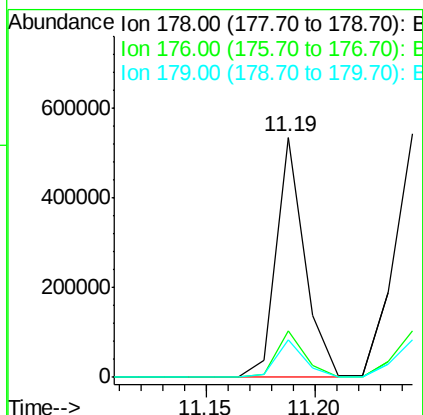
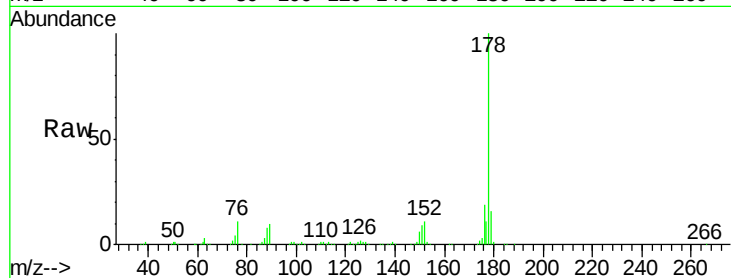




#70
Phenanthrene
Concen: 32.60 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

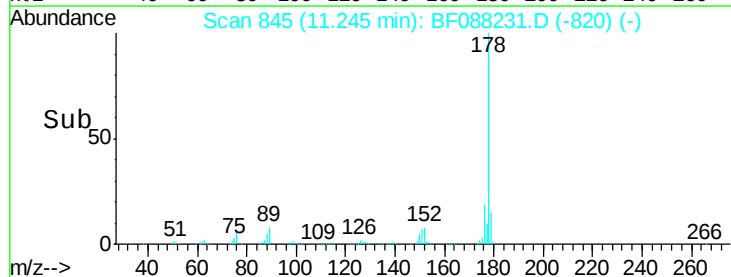
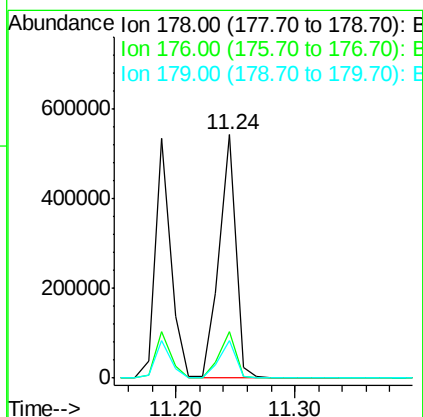
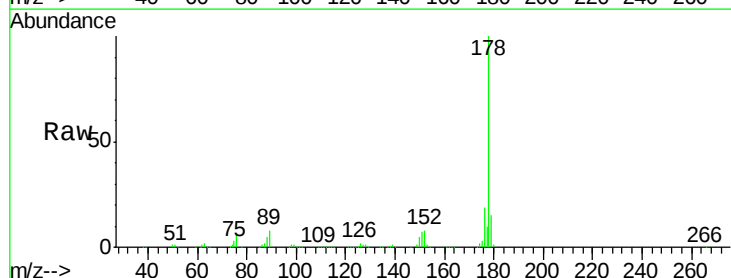
Instrument :
BNA_F
ClientSampleId :
PB91509BS

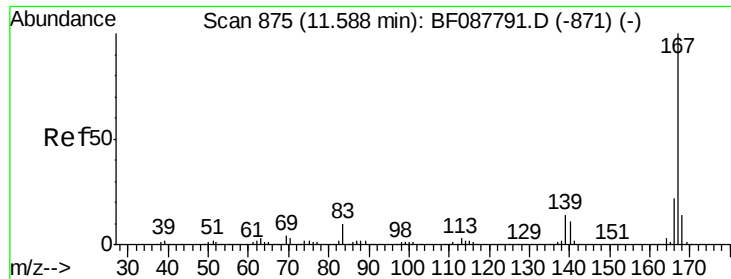
Tgt Ion:178 Resp: 491439
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.5 13.0 19.4



#71
Anthracene
Concen: 34.53 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:178 Resp: 525186
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.5 12.8 19.2

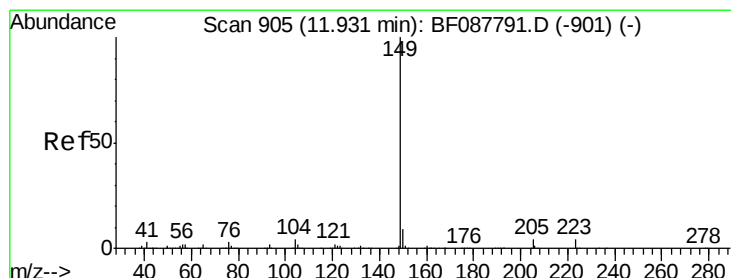
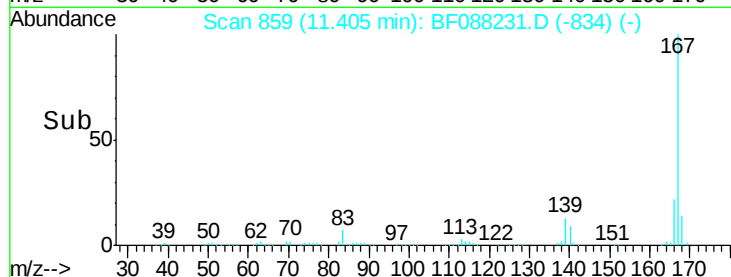
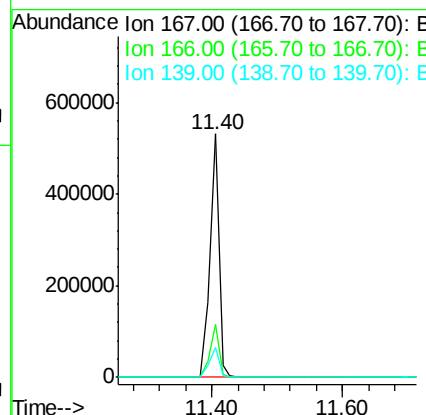
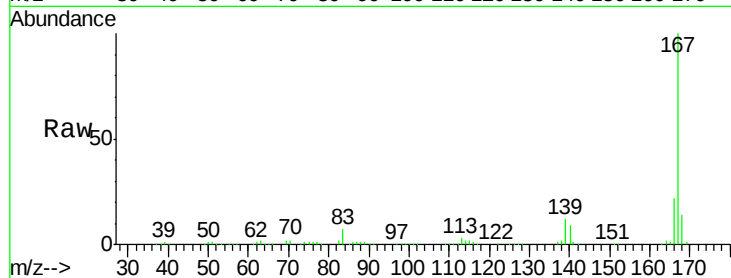




#72
 Carbazole
 Concen: 35.32 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

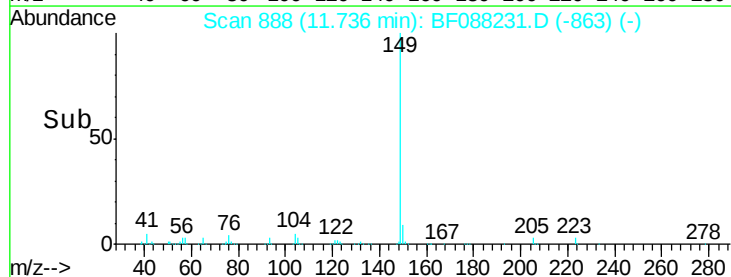
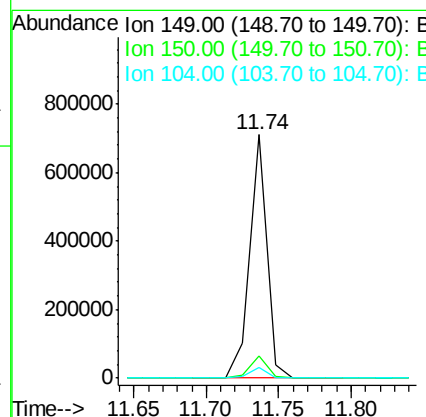
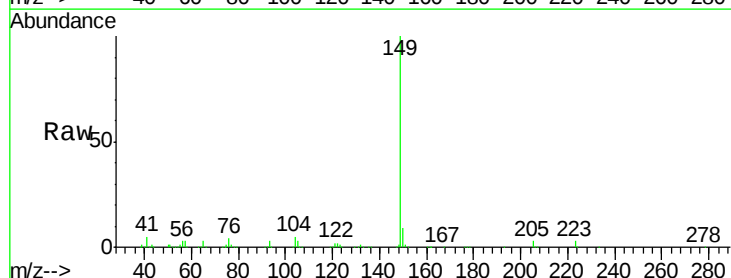
Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

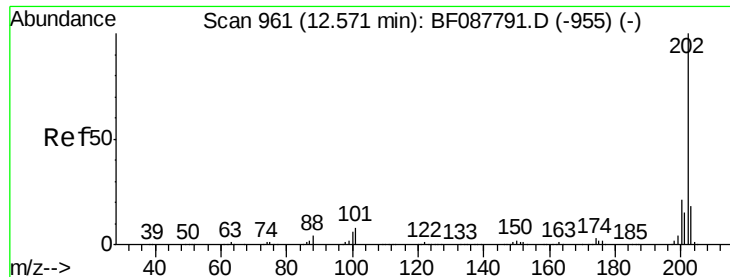
Tgt Ion:167 Resp: 502696
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.5 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 32.61 ng
 RT: 11.74 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion:149 Resp: 587485
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.5 4.0 6.0

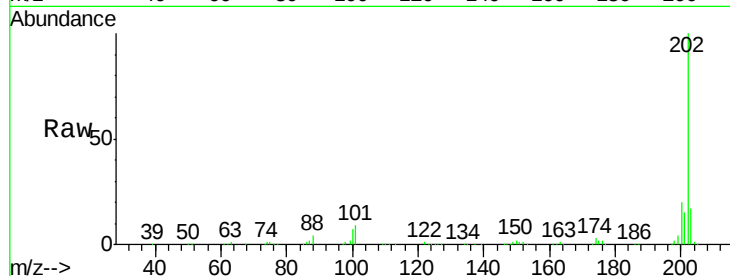




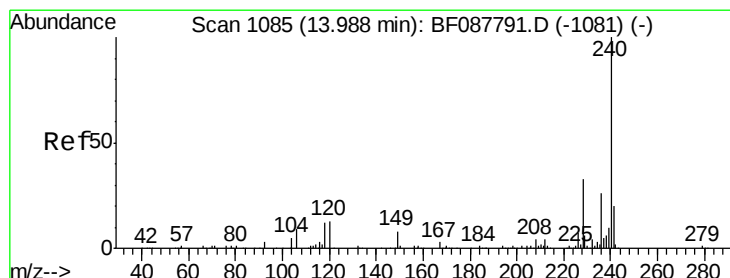
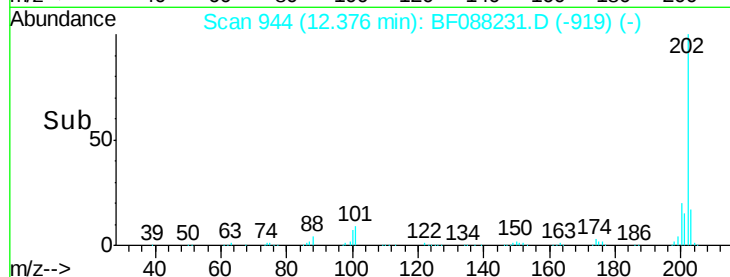
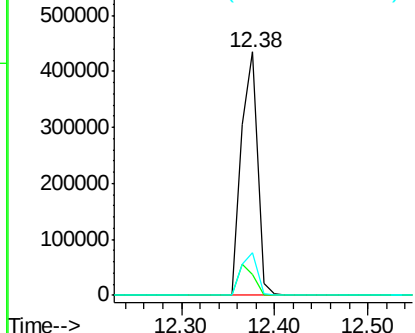
#74
 Fluoranthene
 Concen: 33.15 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	33.1
203	17.3	0.0	38.1

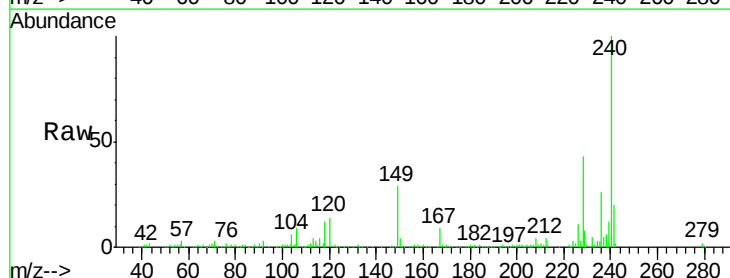


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

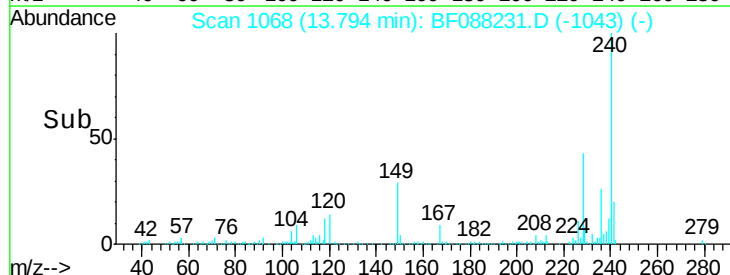
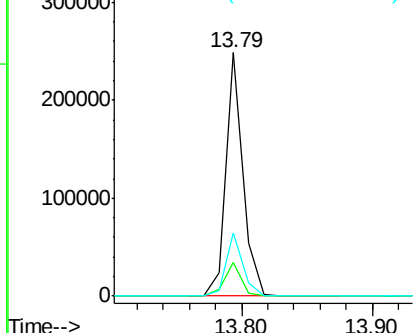


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	6.8	10.2#
236	26.2	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

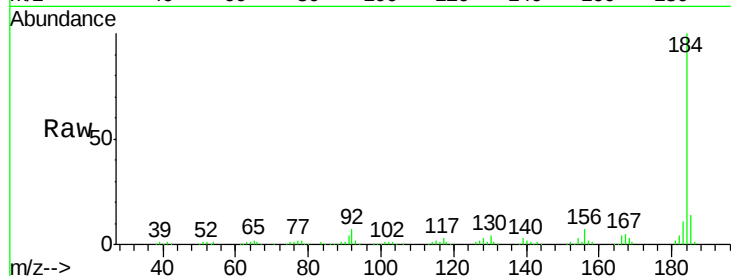




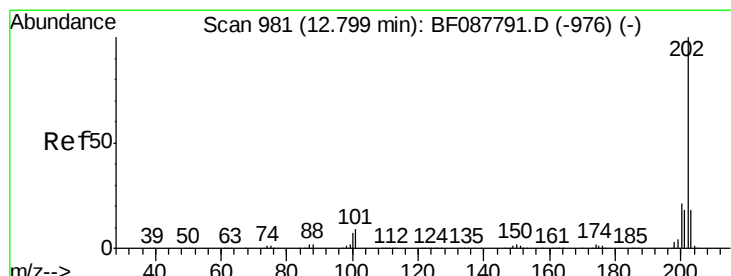
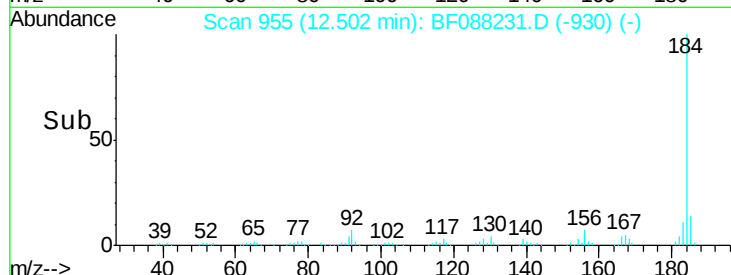
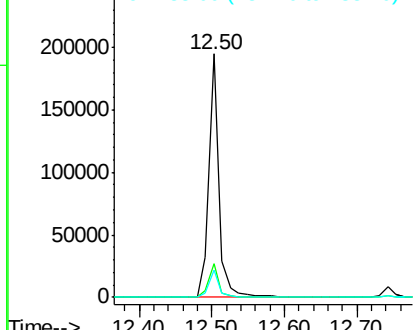
#76
Benzidine
Concen: 30.08 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Instrument :
BNA_F
ClientSampleId :
PB91509BS

Tgt Ion:184 Resp: 188498
Ion Ratio Lower Upper
184 100
185 14.1 12.5 18.7
183 11.5 9.3 13.9

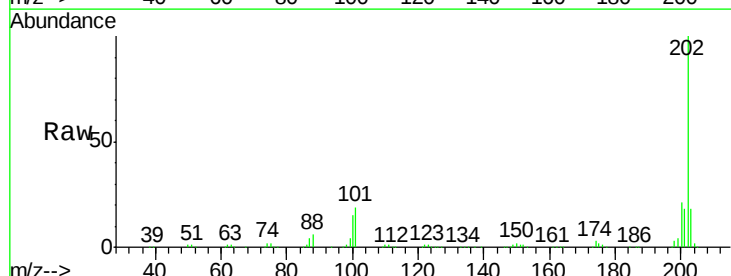


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

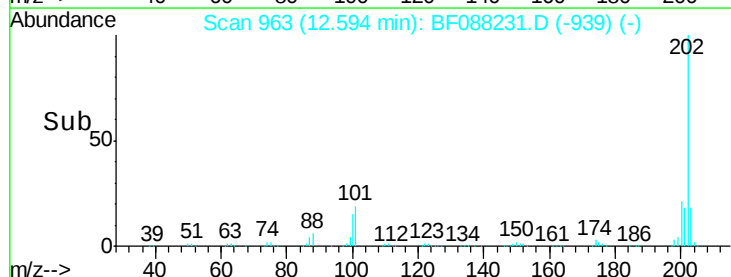
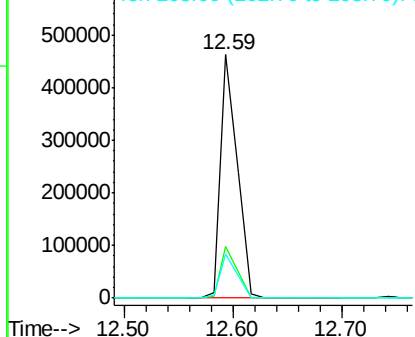


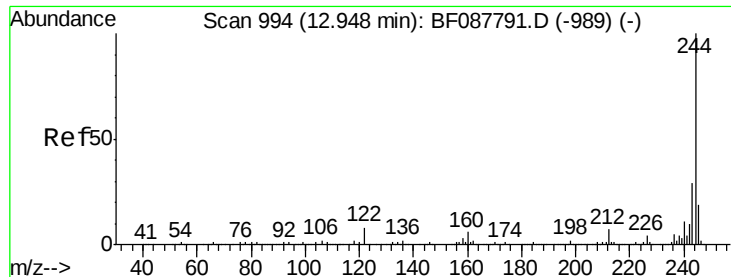
#77
Pyrene
Concen: 29.59 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:202 Resp: 497058
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.0 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

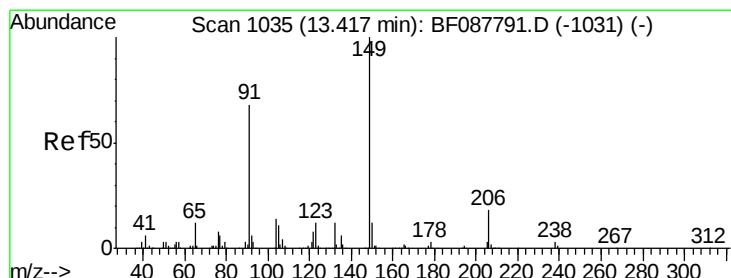
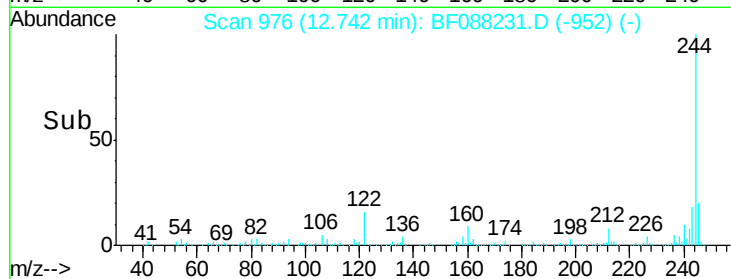
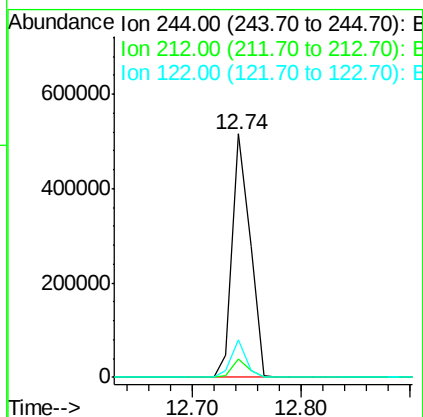
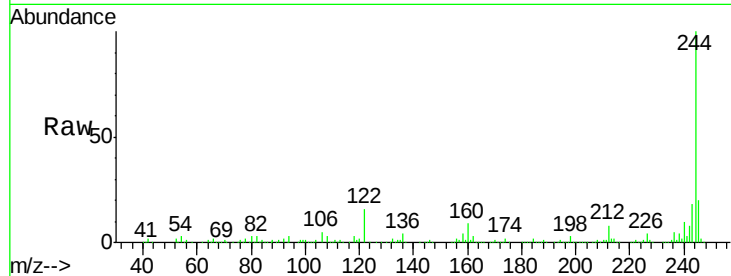




#78
 Terphenyl-d14
 Concen: 58.29 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

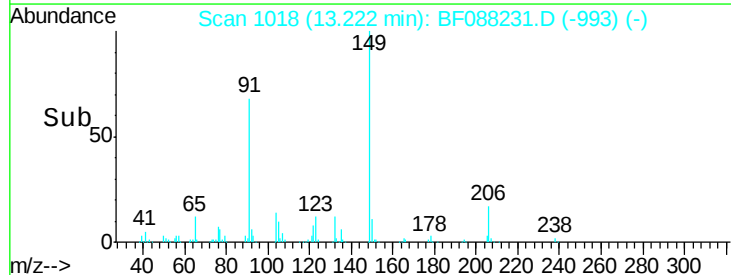
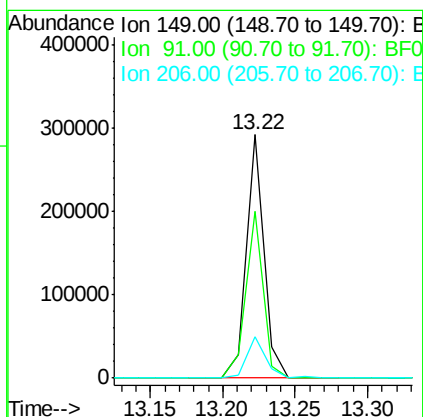
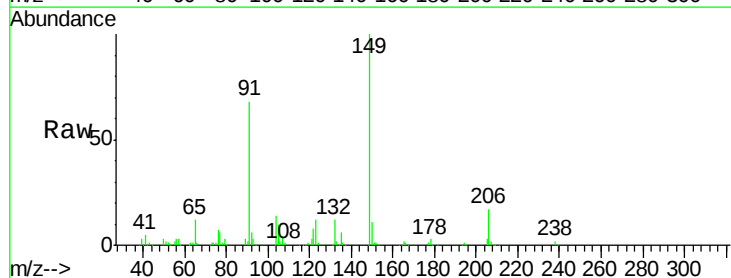
Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

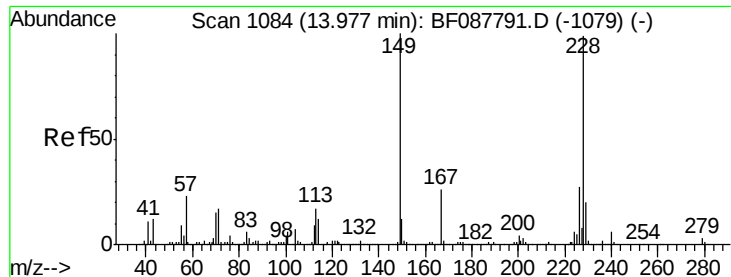
Tgt Ion:244 Resp: 579742
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.6 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 33.07 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion:149 Resp: 245542
 Ion Ratio Lower Upper
 149 100
 91 68.3 48.0 72.0
 206 16.9 16.0 24.0





#80

Benzo(a)anthracene

Concen: 29.90 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

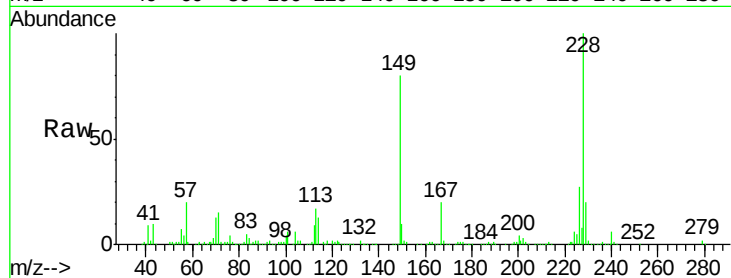
Tgt Ion:228 Resp: 385609

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

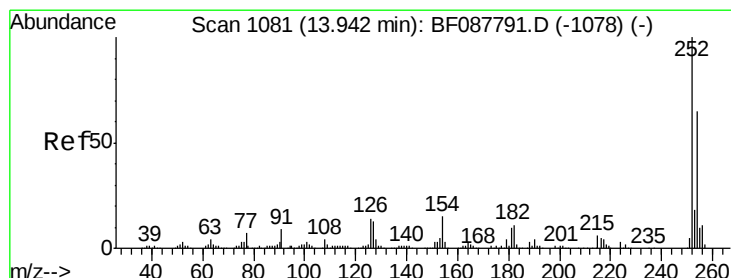
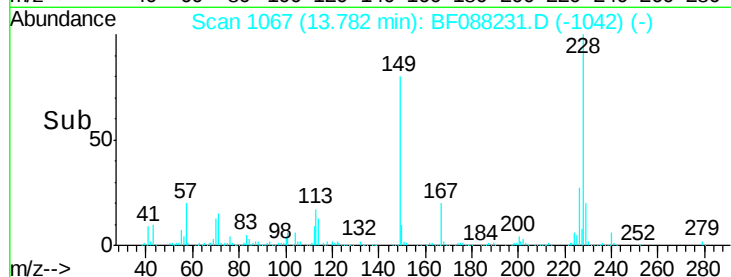
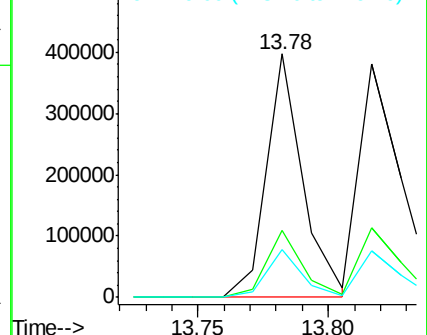
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.21 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

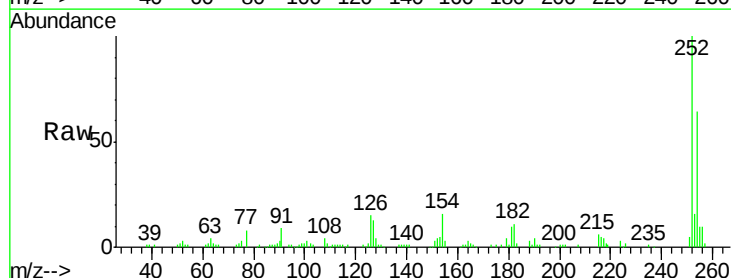
Tgt Ion:252 Resp: 73577

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

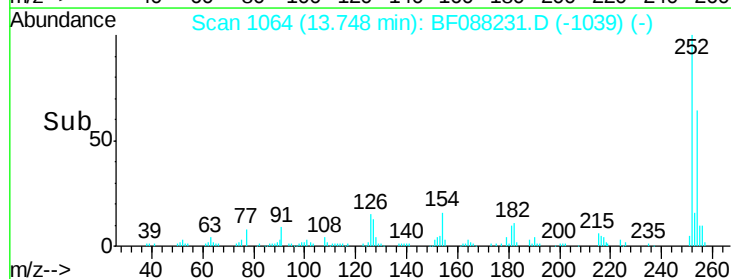
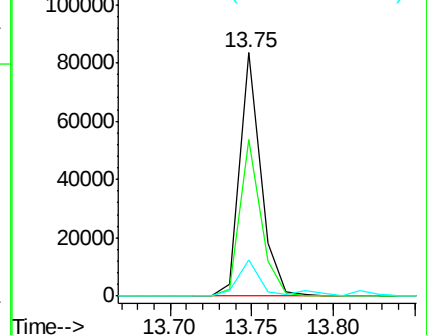
126 14.9 6.2 9.2#

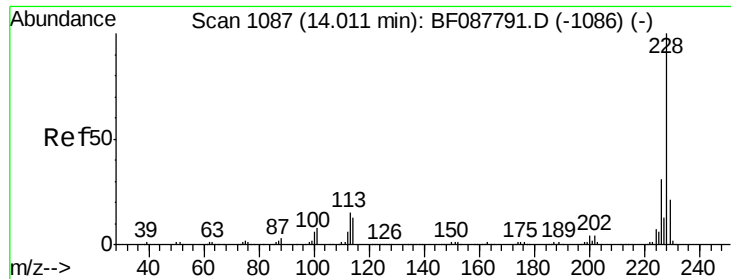


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.74 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

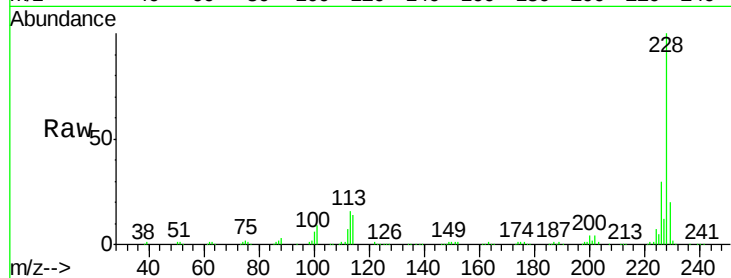
Tgt Ion: 228 Resp: 409430

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.2

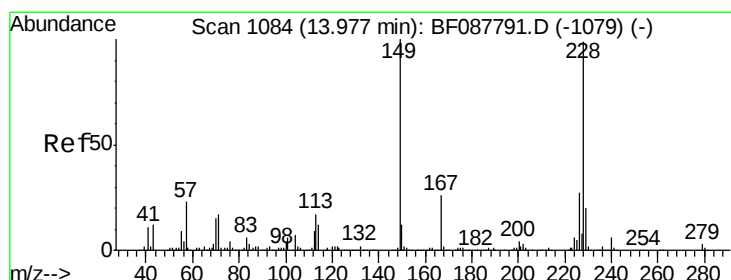
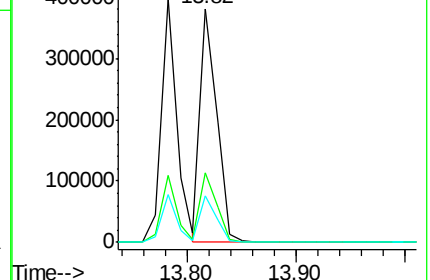
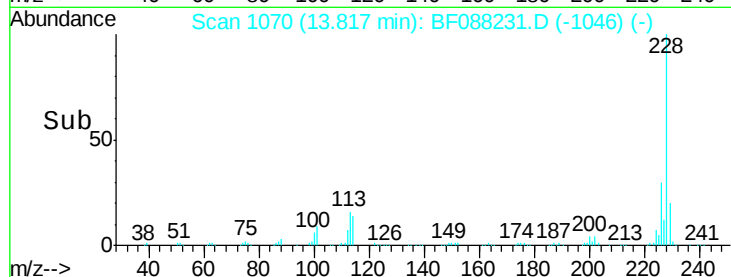
229 19.7 16.3 24.5



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: 32.31 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

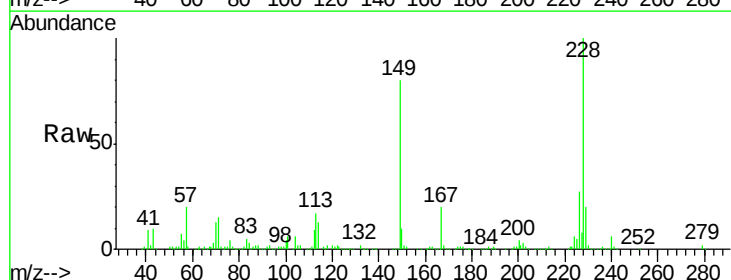
Tgt Ion: 149 Resp: 292018

Ion Ratio Lower Upper

149 100

167 24.8 20.5 30.7

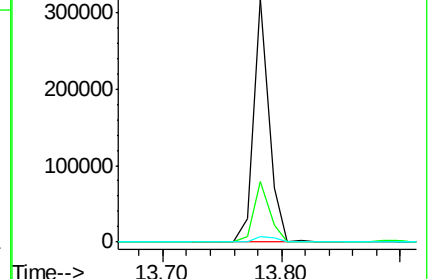
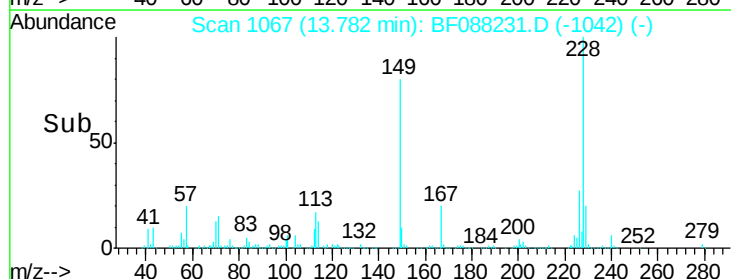
279 2.4 2.0 3.0



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: 36.02 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

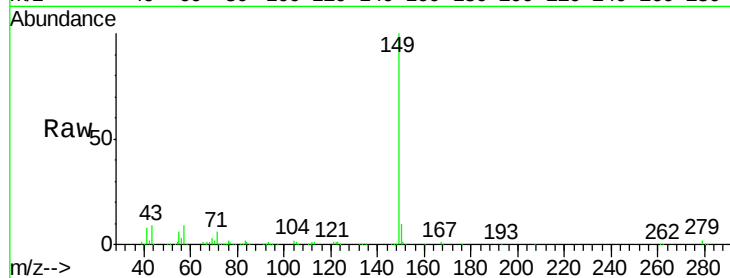
Tgt Ion:149 Resp: 529051

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

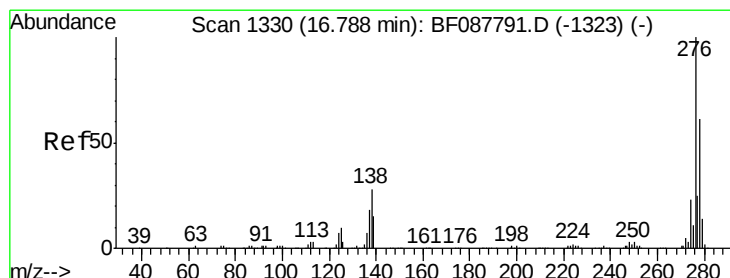
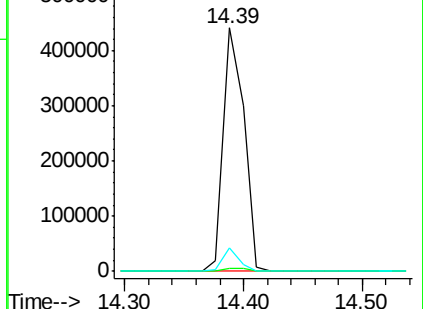
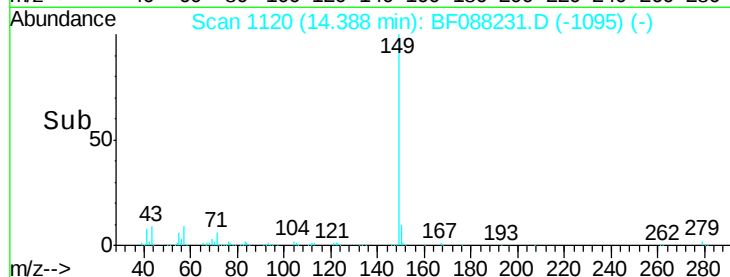
43 7.8 0.0 0.0#



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: 28.92 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

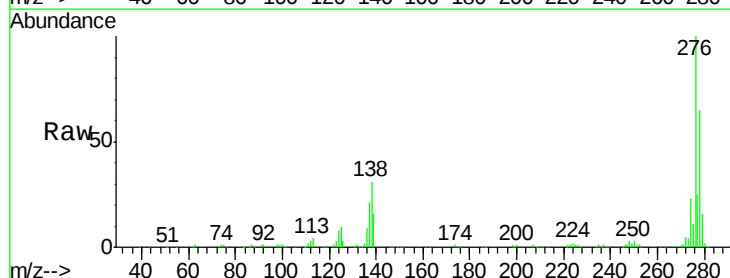
Tgt Ion:276 Resp: 326003

Ion Ratio Lower Upper

276 100

138 30.6 0.0 0.0#

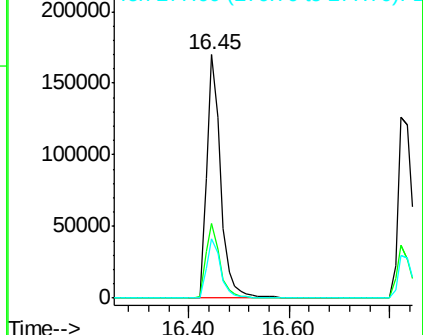
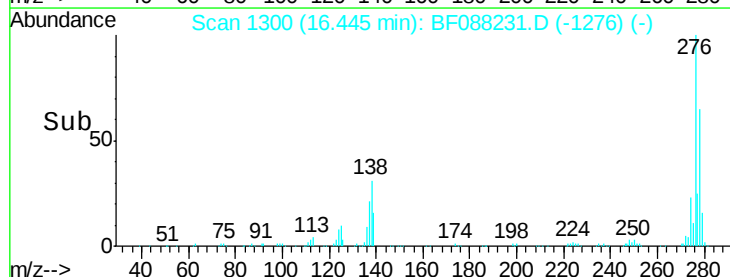
277 24.7 0.0 0.0#

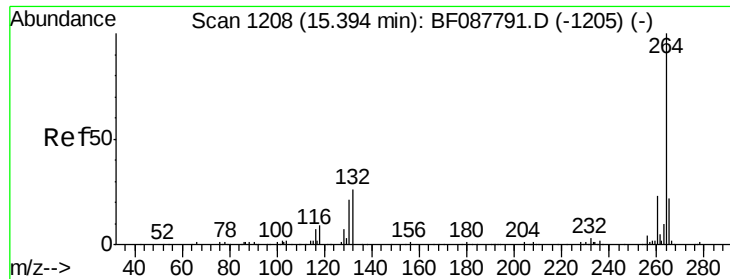


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

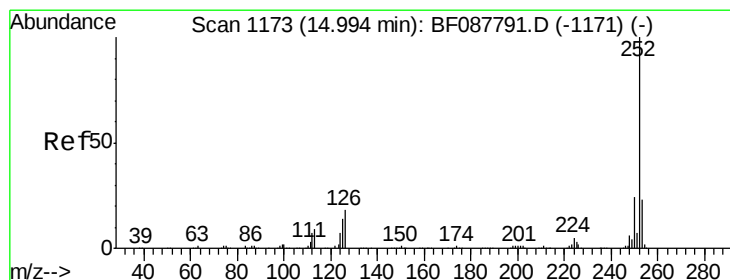
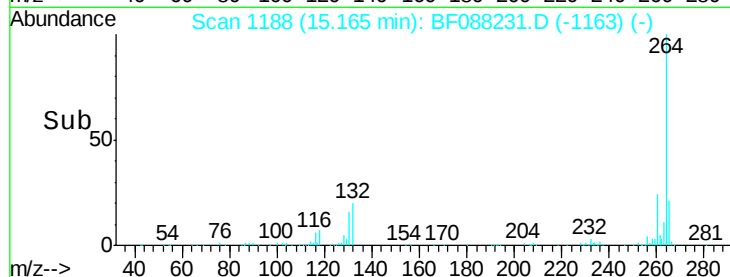
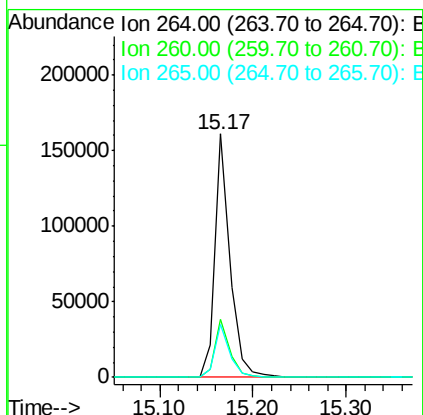
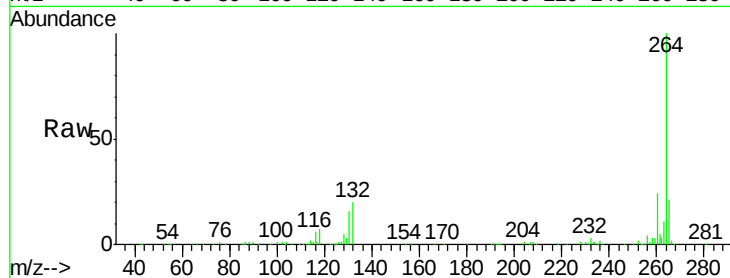




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

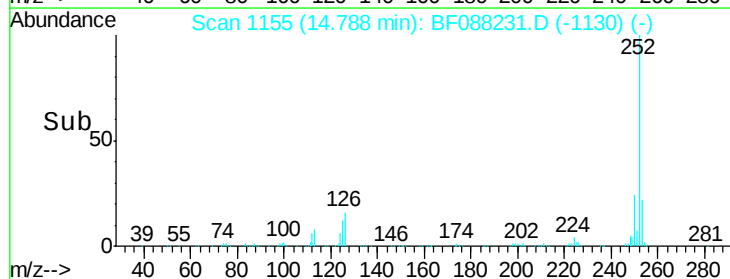
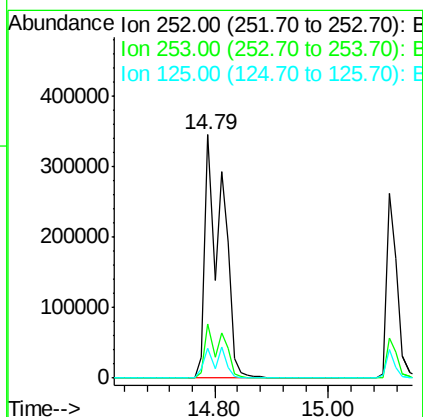
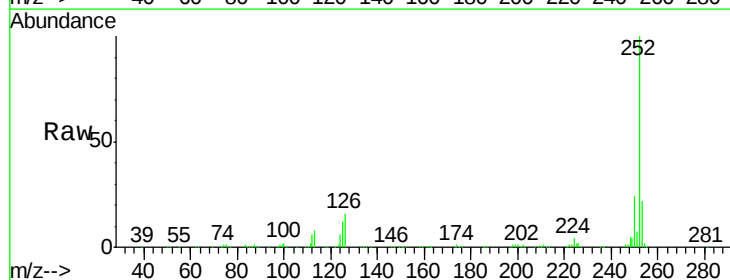
Instrument :
 BNA_F
 ClientSampleId :
 PB91509BS

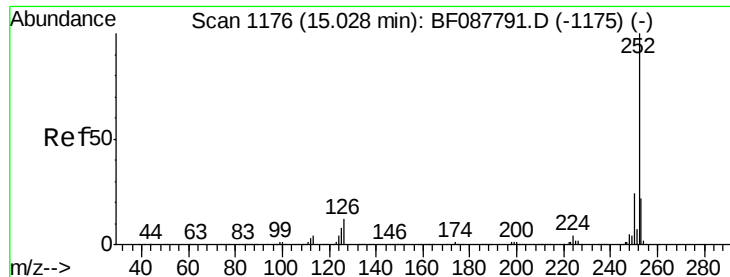
Tgt Ion: 264 Resp: 181030
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 16.9 25.3



#87
 Benzo(b)fluoranthene
 Concen: 57.04 ng
 RT: 14.79 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF088231.D
 Acq: 22 Jun 2016 00:08

Tgt Ion: 252 Resp: 719722
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 12.3 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 75.62 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

Instrument :

BNA_F

ClientSampleId :

PB91509BS

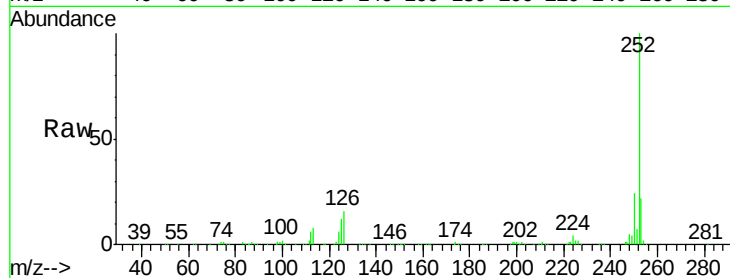
Tgt Ion:252 Resp: 719722

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

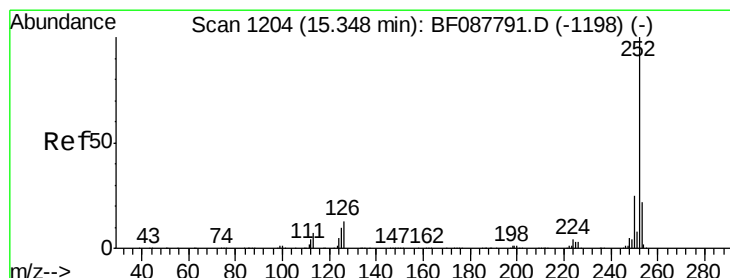
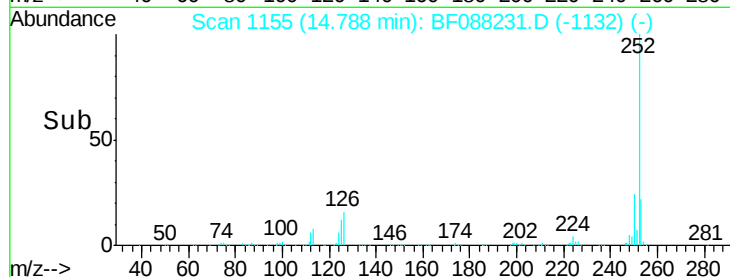
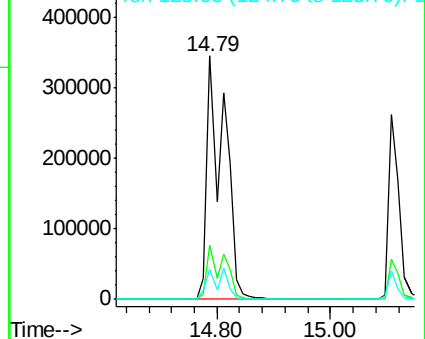
125 12.3 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 32.89 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF088231.D

Acq: 22 Jun 2016 00:08

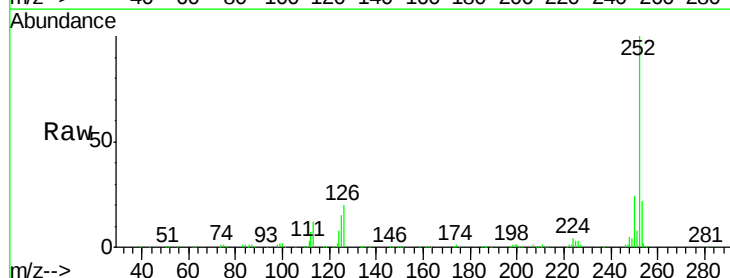
Tgt Ion:252 Resp: 335722

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

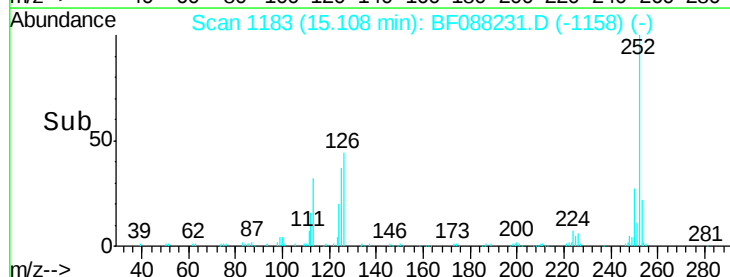
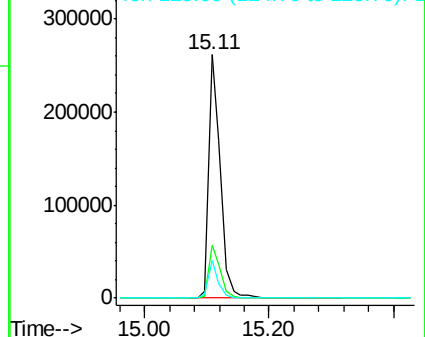
125 15.3 12.5 18.7

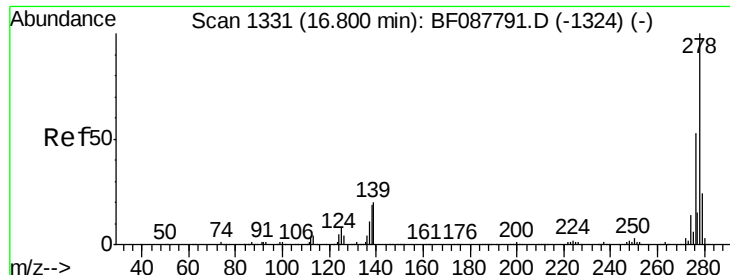


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



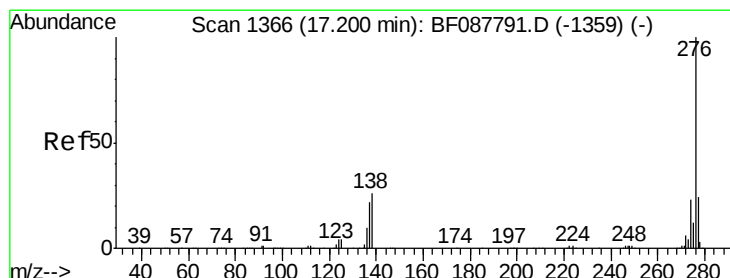
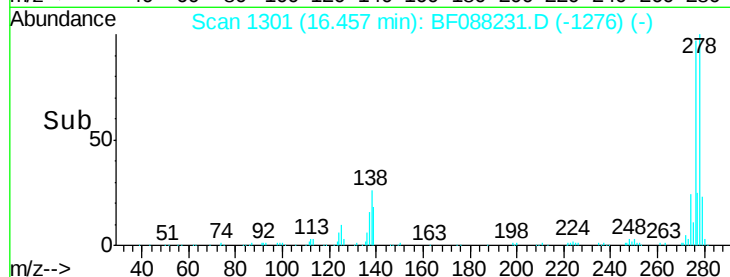
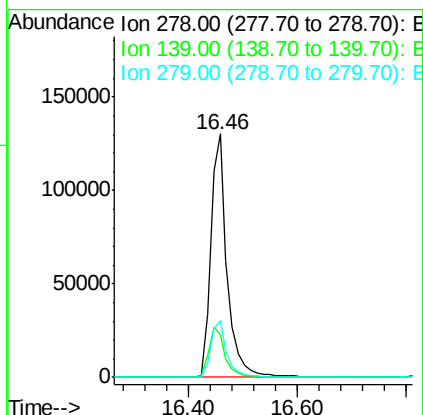
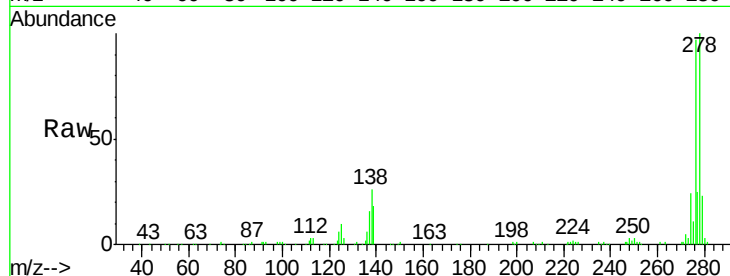


#90
Dibenzo(a,h)anthracene
Concen: 28.88 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Instrument :
BNA_F
ClientSampleId :
PB91509BS

Tgt Ion:278 Resp: 273811

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.7	23.5
279	23.2	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 29.04 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF088231.D
Acq: 22 Jun 2016 00:08

Tgt Ion:276 Resp: 283205

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	29.4	21.4	32.2

