

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088284.D
 Acq On : 23 Jun 2016 9:24
 Operator : UM/SJ
 Sample : H3084-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 13:52:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	15429	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	77817	20.00	ng	0.01
38) Acenaphthene-d10	9.64	164	33626	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	52631	20.00	ng	0.00
75) Chrysene-d12	13.75	240	47038	20.00	ng	0.00
86) Perylene-d12	15.12	264	33710	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	18052	20.00	ng	0.05
7) Phenol-d6	6.32	99	16312	14.91	ng	0.06
23) Nitrobenzene-d5	7.19	82	20186	15.15	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	9991	28.14	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	48574	18.35	ng	0.01
78) Terphenyl-d14	12.70	244	40692	19.69	ng	0.00

Target Compounds						Qvalue
3) Pyridine	2.72	79	23967	23.15	ng	# 1
4) n-Nitrosodimethylamine	2.74	42	493979	1126.47	ng	# 1
6) Aniline	6.33	93	4065	2.61	ng	# 1
8) 2-Chlorophenol	6.42	128	4397	4.12	ng	# 59
9) Benzaldehyde	6.12	77	58269	Below Cal		# 1
10) Phenol	6.33	94	138919	127.58	ng	96
11) bis(2-Chloroethyl)ether	6.33	93	4065	4.24	ng	# 1
12) 1,3-Dichlorobenzene	6.55	146	136887	119.43	ng	96
13) 1,4-Dichlorobenzene	6.63	146	308675	267.34	ng	98
14) 1,2-Dichlorobenzene	6.80	146	1263649	1203.45	ng	# 92
15) Benzyl Alcohol	6.67	79	55152	64.45	ng	# 9
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1176079	907.63	ng	91
17) 2-Methylphenol	6.92	107	159170	183.73	ng	98
18) Hexachloroethane	7.15	117	28057	68.48	ng	# 1
19) n-Nitroso-di-n-propylamine	7.04	70	296603	423.89	ng	# 1
20) 3+4-Methylphenols	7.10	107	765278	757.09	ng	# 78
22) Acetophenone	7.05	105	153014	87.99	ng	# 96
24) Nitrobenzene	7.10	77	206244	159.77	ng	# 36
27) 2,4-Dimethylphenol	7.62	122	178255	140.01	ng	# 92
28) bis(2-Chloroethoxy)methane	7.68	93	3310	2.16	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	4597	4.32	ng	# 77
30) 1,2,4-Trichlorobenzene	7.85	180	12556	10.85	ng	97
31) Naphthalene	7.93	128	914290	237.42	ng	100
32) Benzoic acid	7.76	122	1210506	1726.68	ng	# 18
33) 4-Chloroaniline	8.00	127	6399	3.72	ng	# 15
35) Caprolactam	8.35	113	3175	9.02	ng	# 23
36) 4-Chloro-3-methylphenol	8.42	107	28185	24.79	ng	# 33
37) 2-Methylnaphthalene	8.72	142	88138	34.72	ng	96
45) 1,1'-Biphenyl	9.08	154	42088	12.14	ng	92
47) 2-Nitroaniline	9.23	65	3590	5.59	ng	# 36
49) Dimethylphthalate	9.38	163	43613	17.90	ng	# 92
50) 2,6-Dinitrotoluene	9.47	165	1129	2.02	ng	# 1
53) 2,4-Dinitrophenol	9.90	184	774	6.16	ng	# 51
55) 4-Nitrophenol	9.85	139	3012	6.03	ng	# 53

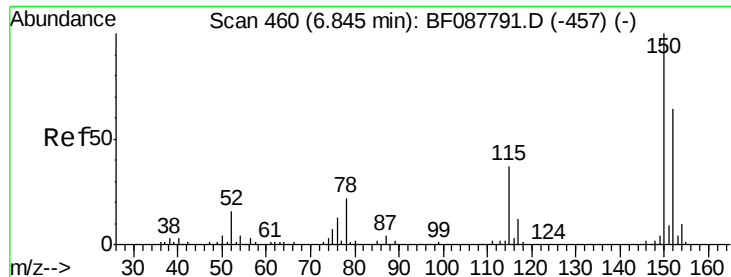
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088284.D
Acq On : 23 Jun 2016 9:24
Operator : UM/SJ
Sample : H3084-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

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Quant Time: Jun 23 13:52:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,4-Dinitrotoluene	9.83	165	2867	4.00	nq	# 1
57) Fluorene	10.19	166	2365	Below Cal		# 85
59) Diethylphthalate	10.08	149	62844	25.49	nq	# 99
62) Azobenzene	10.35	77	5515	2.26	nq	# 19
64) 4,6-Dinitro-2-methylphenol	10.31	198	600	3.91	nq	# 1

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

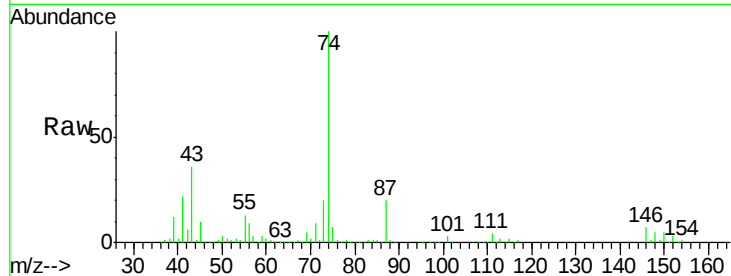


#1

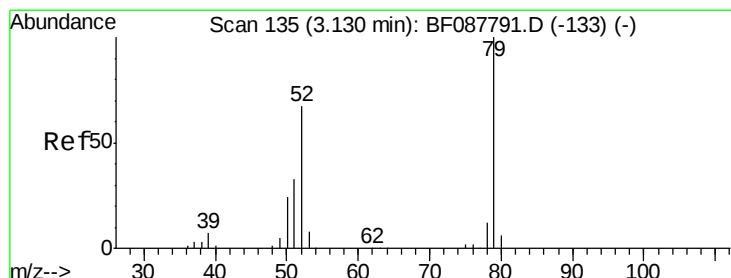
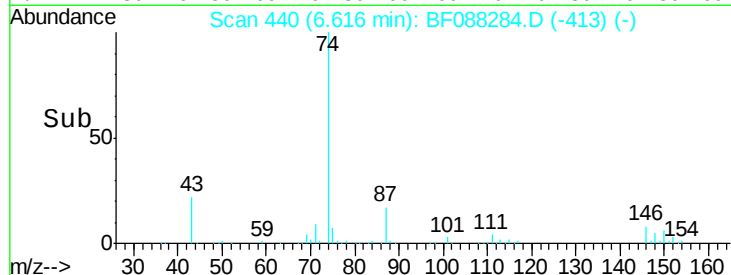
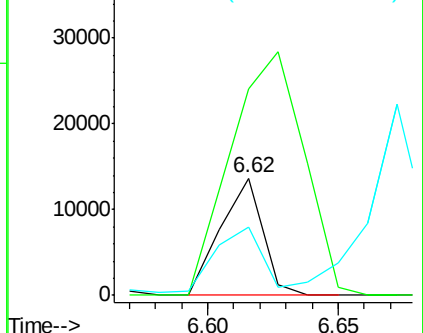
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 15429
Ion Ratio Lower Upper
152 100
150 176.4 123.8 185.6
115 57.7 39.6 59.4



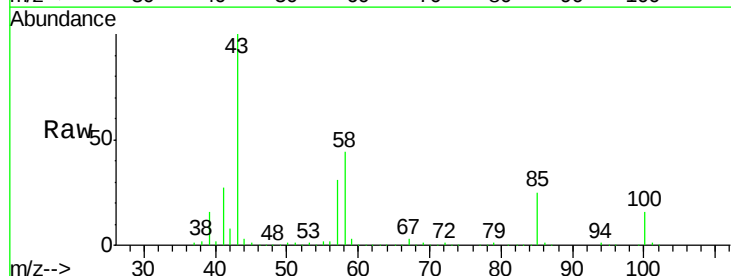
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



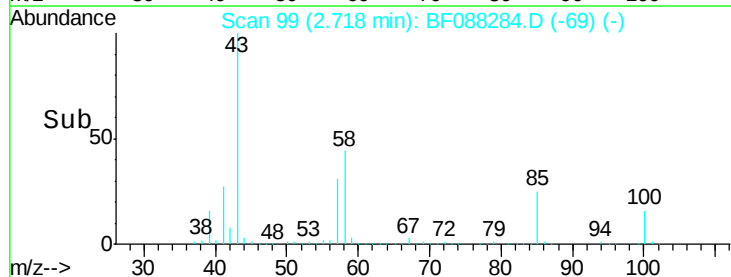
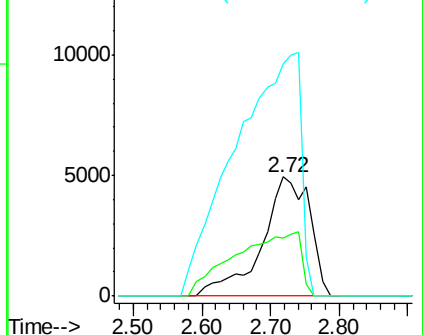
#3

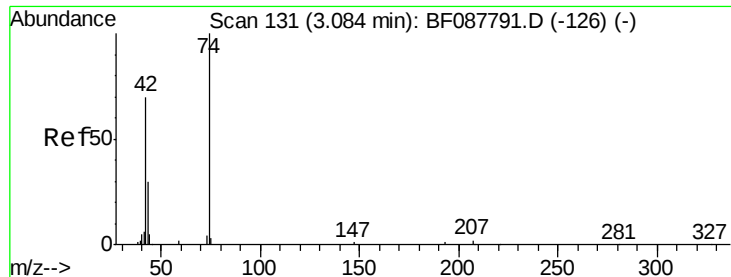
Pyridine
Concen: 23.15 ng
RT: 2.72 min Scan# 99
Delta R.T. 0.05 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion: 79 Resp: 23967
Ion Ratio Lower Upper
79 100
52 48.9 56.3 84.5#
51 194.1 27.4 41.2#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



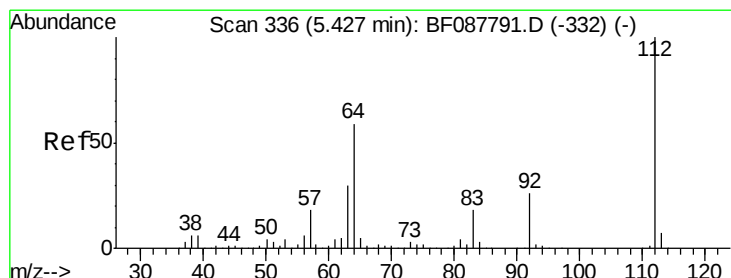
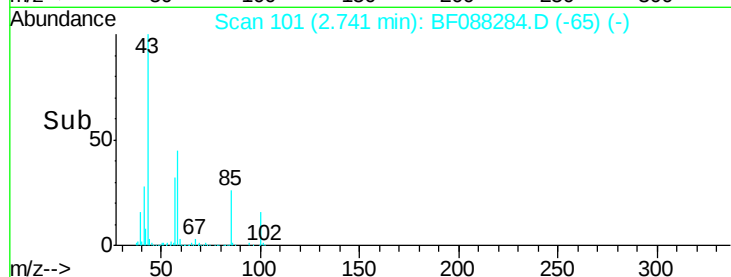
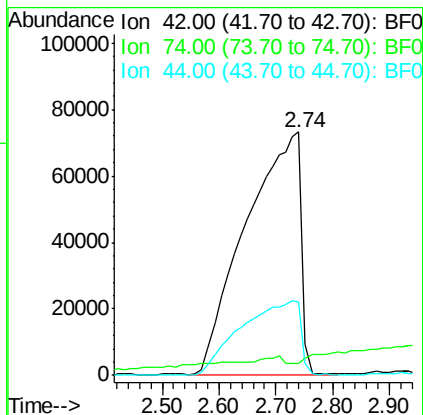
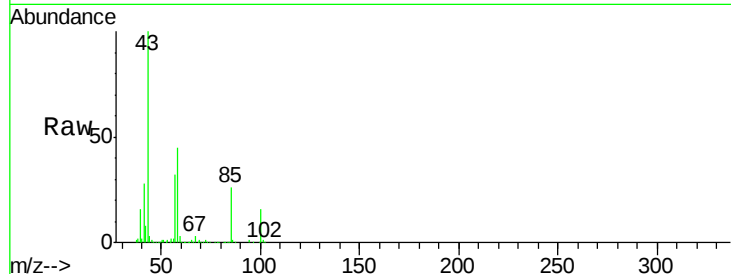


#4

n-Nitrosodimethylamine
 Concen: 1126.47 ng
 RT: 2.74 min Scan# 101
 Delta R.T. 0.11 min
 Lab File: BF088284.D
 Acq: 23 Jun 2016 9:24

Instrument :
 BNA_F
 ClientSampled :

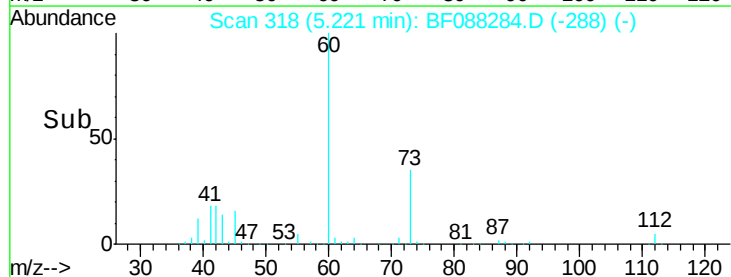
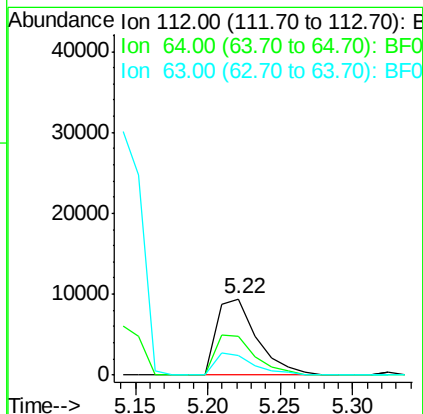
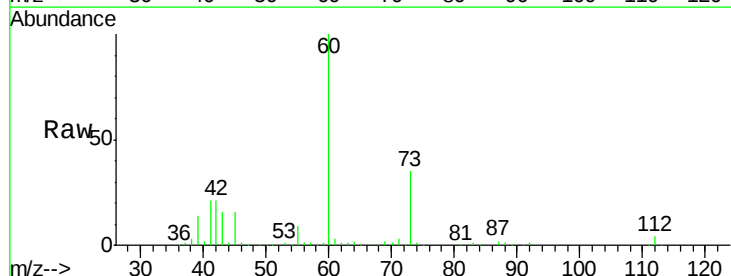
Tot Ion: 42 Resp: 493979
 Ion Ratio Lower Upper
 42 100
 74 4.8 108.6 163.0#
 44 30.3 5.5 8.3#

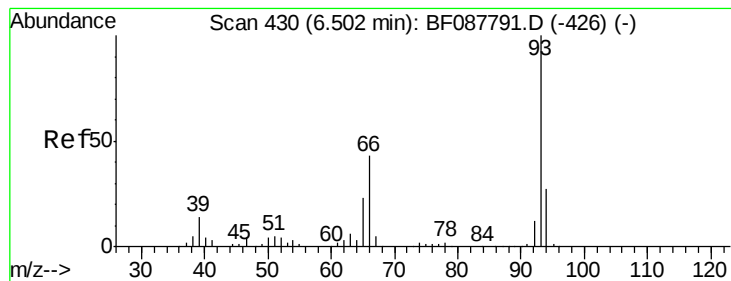


#5

2-Fluorophenol
 Concen: 20.00 ng
 RT: 5.22 min Scan# 318
 Delta R.T. 0.05 min
 Lab File: BF088284.D
 Acq: 23 Jun 2016 9:24

Tgt Ion: 112 Resp: 18052
 Ion Ratio Lower Upper
 112 100
 64 50.3 42.2 63.2
 63 25.8 21.8 32.8





#6

Aniline

Concen: 2.61 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.06 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampled :

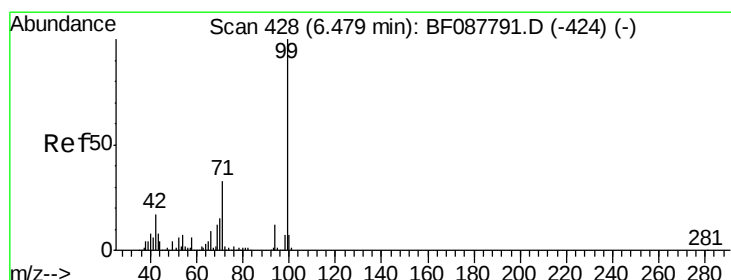
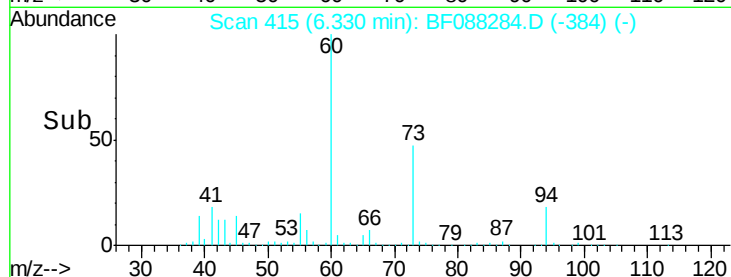
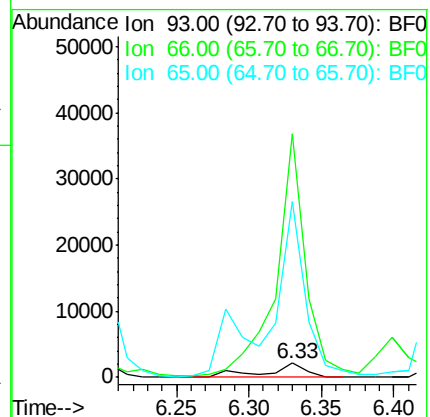
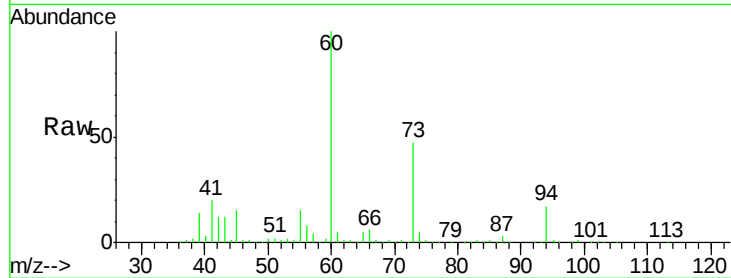
Tot Ion: 93 Resp: 4065

Ion Ratio Lower Upper

93 100

66 1711.2 29.8 44.8#

65 1237.2 14.9 22.3#



#7

Phenol-d6

Concen: 14.91 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.06 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

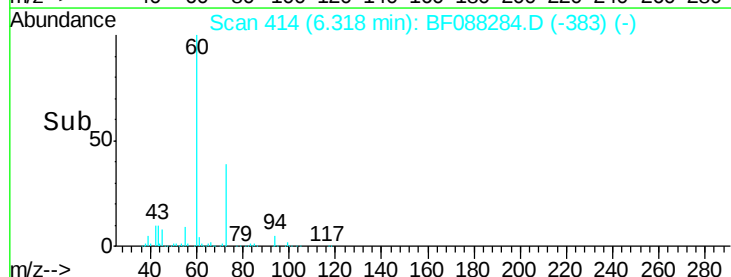
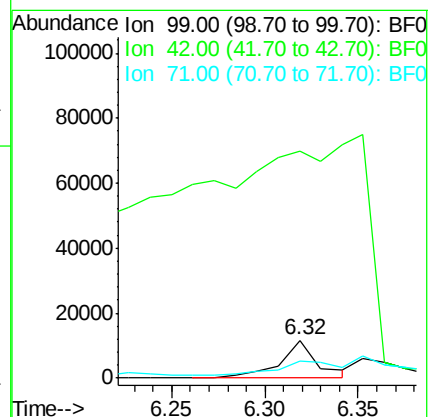
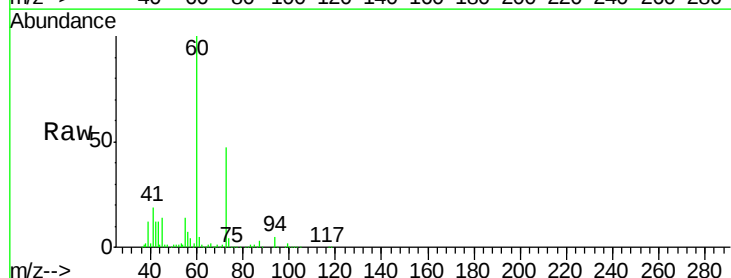
Tgt Ion: 99 Resp: 16312

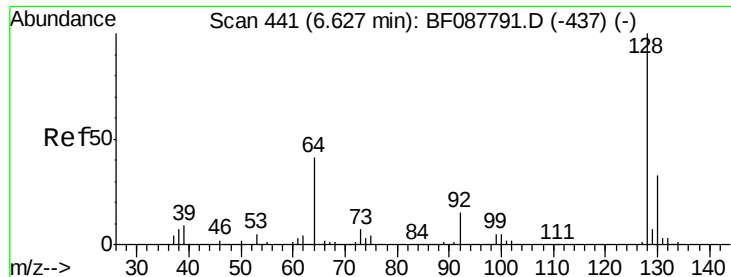
Ion Ratio Lower Upper

99 100

42 603.0 12.2 18.2#

71 44.8 23.4 35.0#

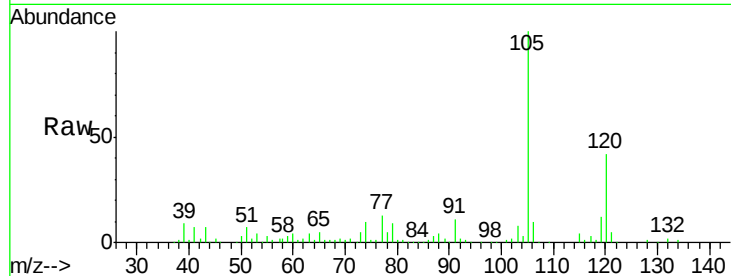




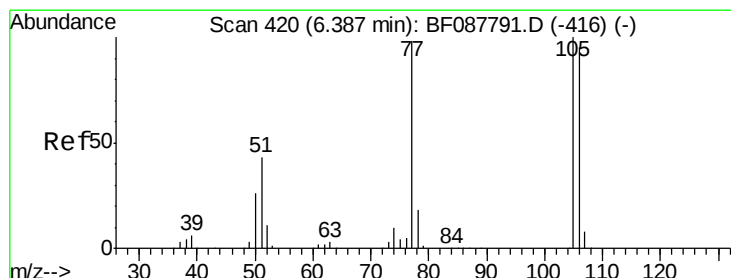
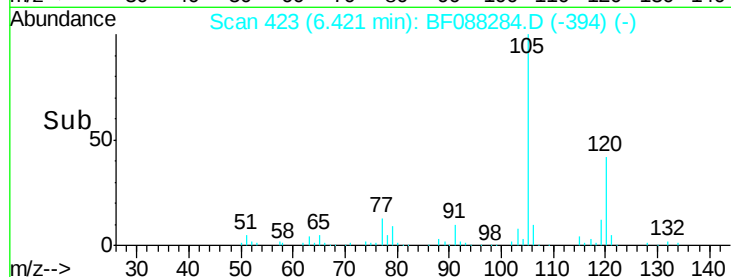
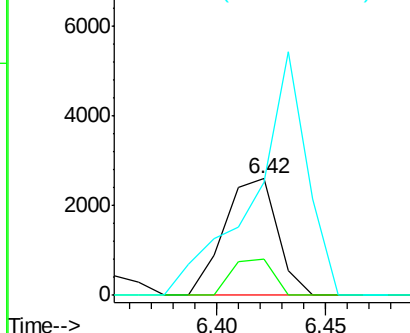
#8
2-Chlorophenol
Concen: 4.12 na
RT: 6.42 min Scan# 423
Delta R.T. 0.03 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 4397
Ion Ratio Lower Upper
128 100
130 30.9 12.0 52.0
64 96.8 30.8 70.8#

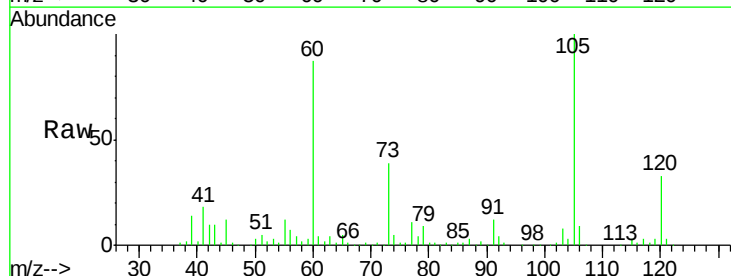


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

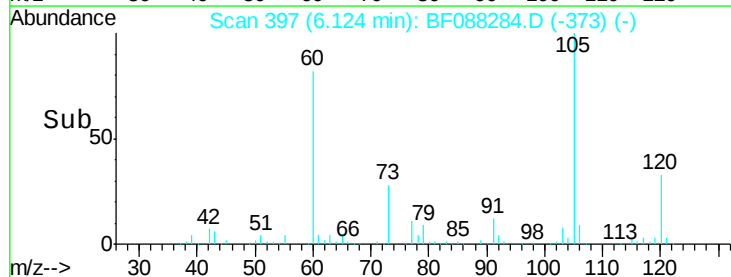
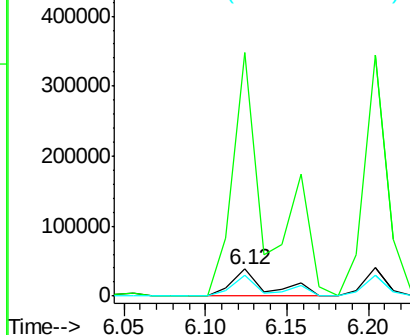


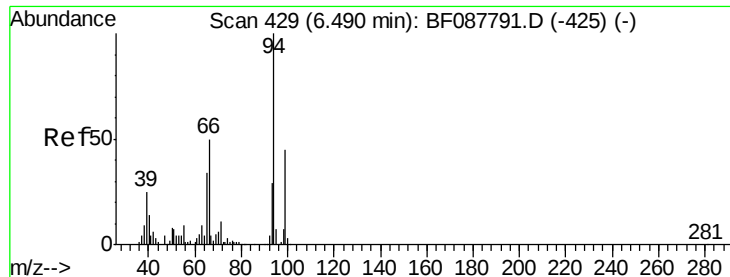
#9
Benzaldehyde
Concen: Below Cal
RT: 6.12 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion: 77 Resp: 58269
Ion Ratio Lower Upper
77 100
105 895.9 90.6 130.6#
106 78.0 85.3 125.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 127.58 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.06 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

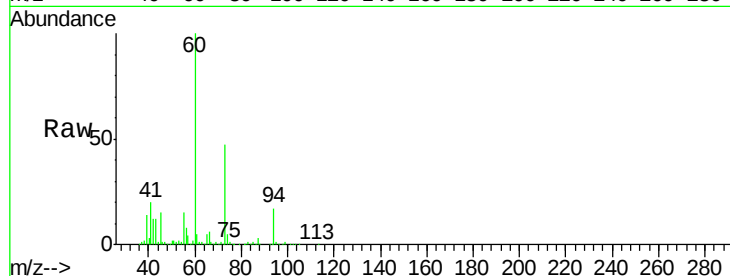
Tot Ion: 94 Resp: 138919

Ion Ratio Lower Upper

94 100

65 26.7 5.9 45.9

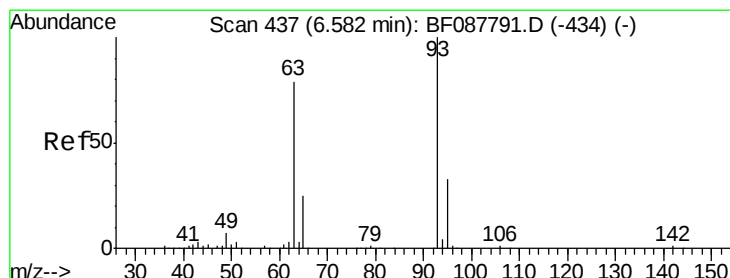
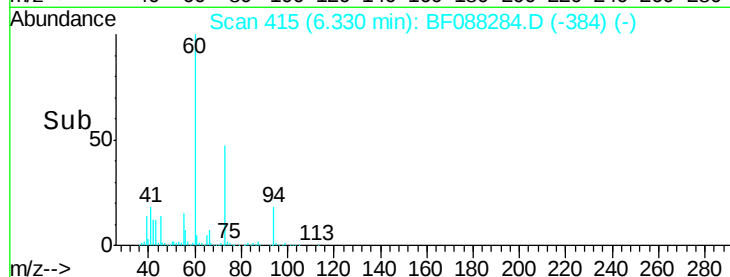
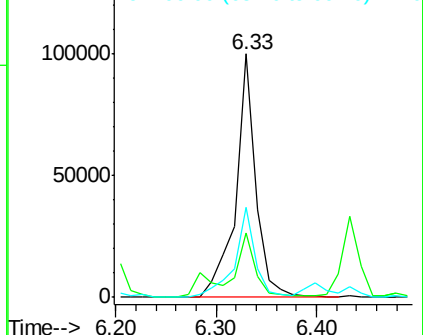
66 36.9 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 4.24 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

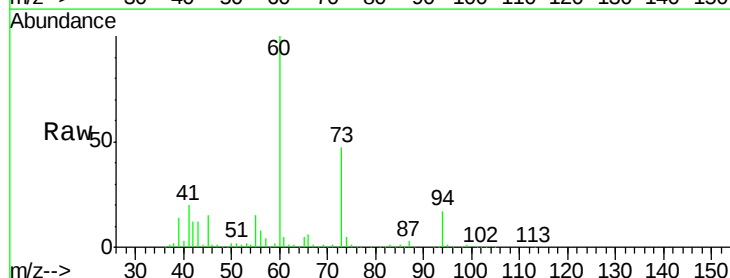
Tgt Ion: 93 Resp: 4065

Ion Ratio Lower Upper

93 100

63 330.1 67.6 107.6#

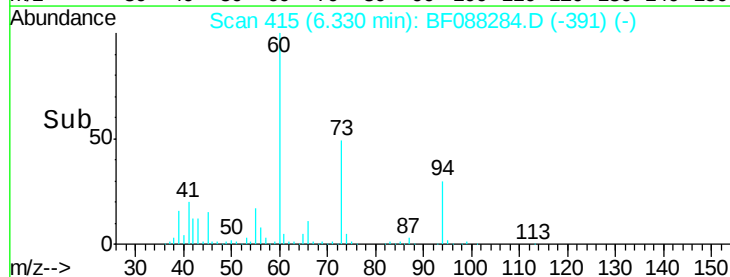
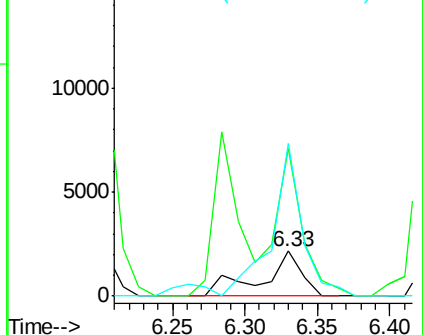
95 341.4 12.5 52.5#

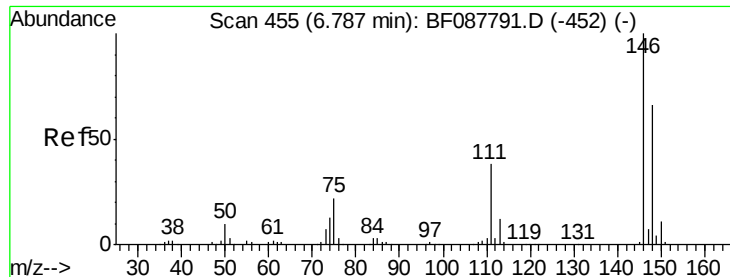


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 119.43 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

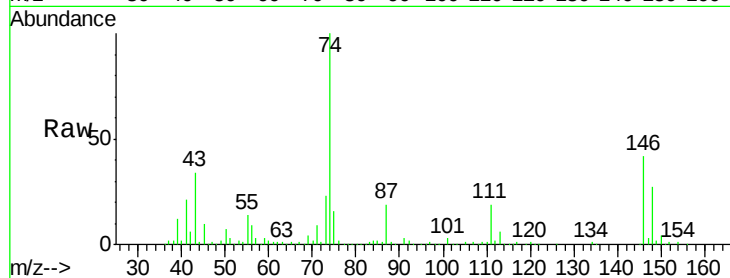
Tot Ion:146 Resp: 136887

Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

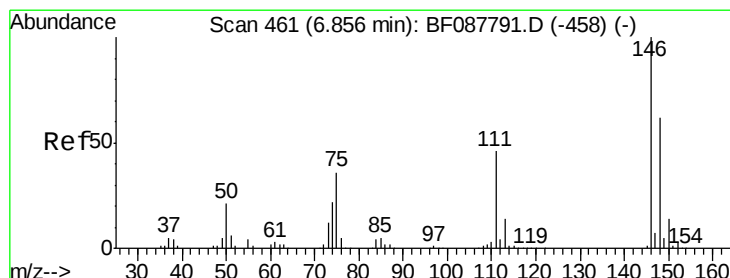
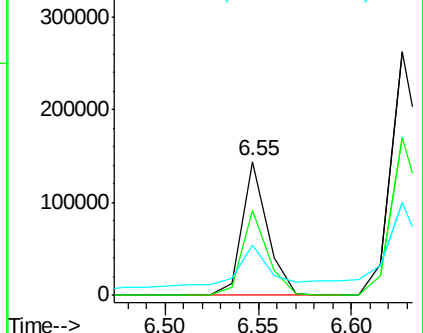
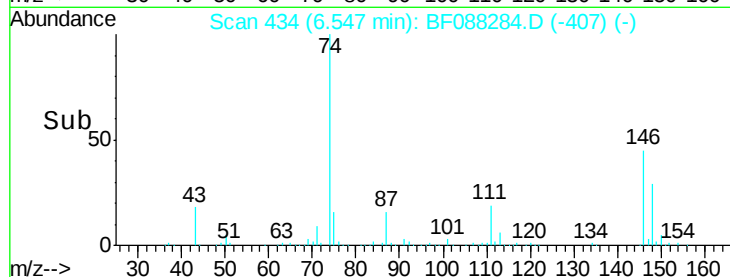
75 37.6 25.6 38.4



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: 267.34 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

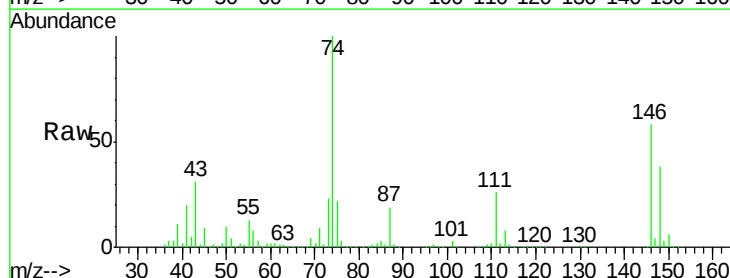
Tgt Ion:146 Resp: 308675

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

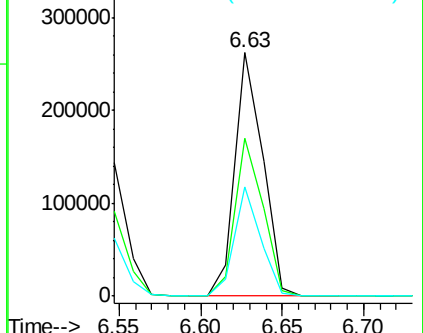
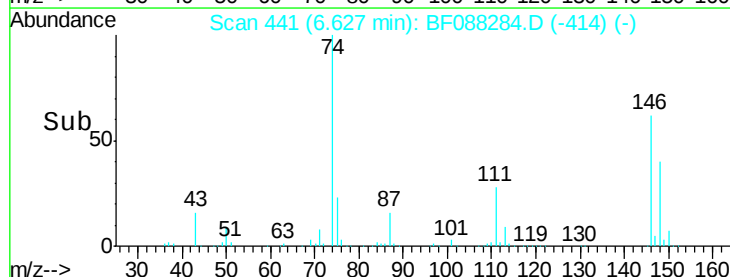
111 44.8 33.8 50.8

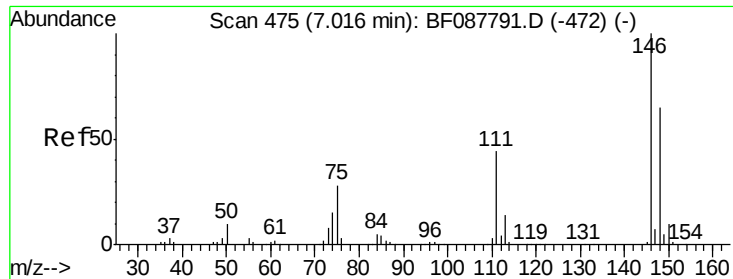


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 1203.45 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.02 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :
BNA_F
ClientSampleId :

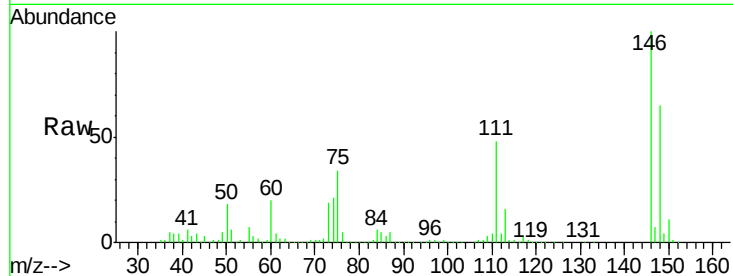
Tot Ion:146 Resp: 1263649

Ion Ratio Lower Upper

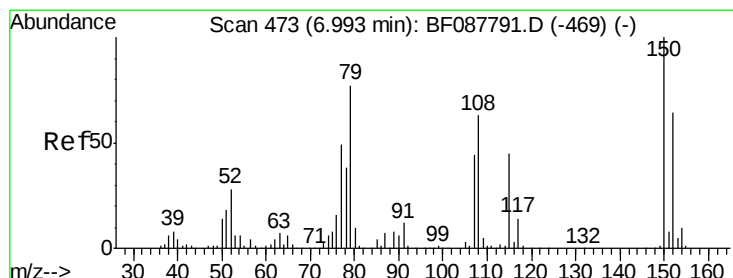
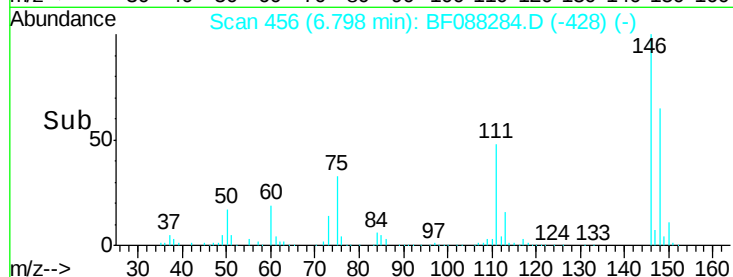
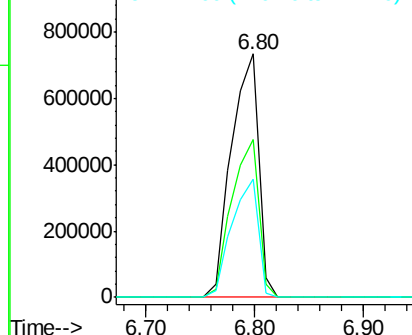
146 100

148 64.6 52.3 78.5

111 48.3 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: 64.45 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.09 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

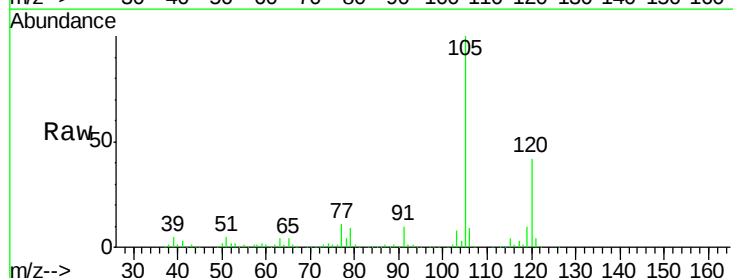
Tgt Ion: 79 Resp: 55152

Ion Ratio Lower Upper

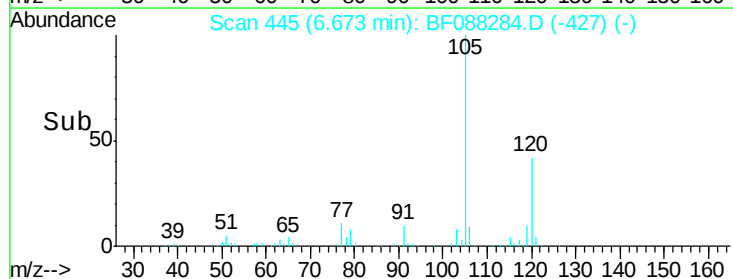
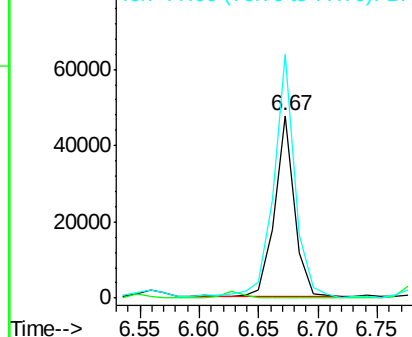
79 100

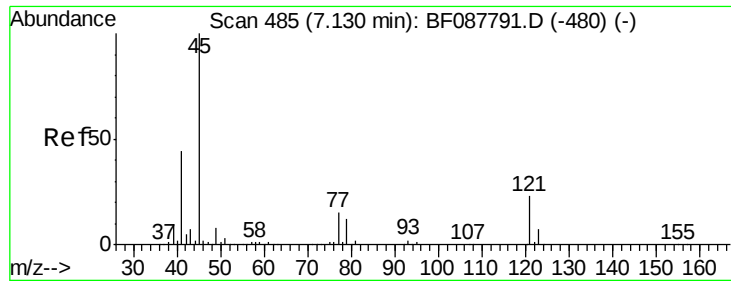
108 0.0 65.0 97.6#

77 133.6 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

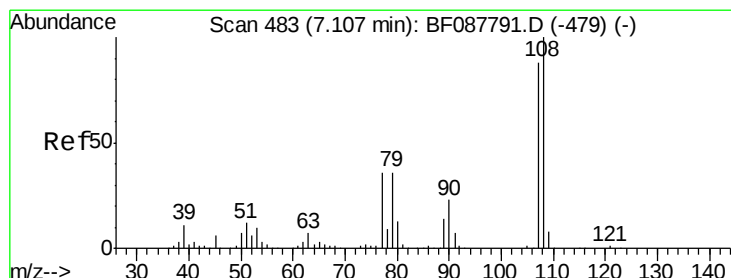
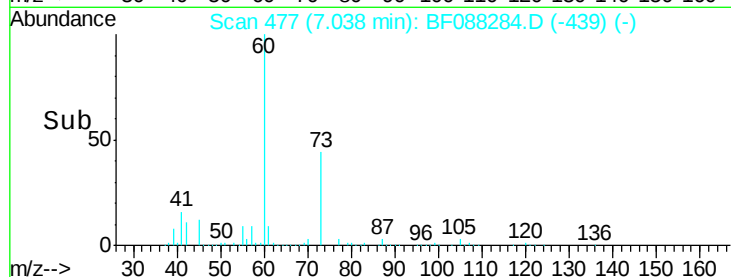
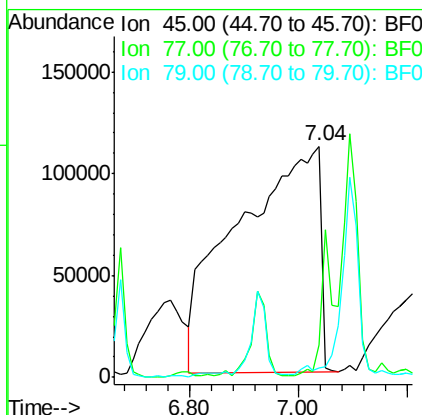
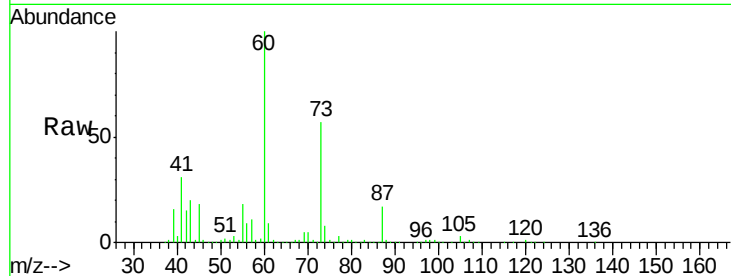




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 907.63 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.14 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

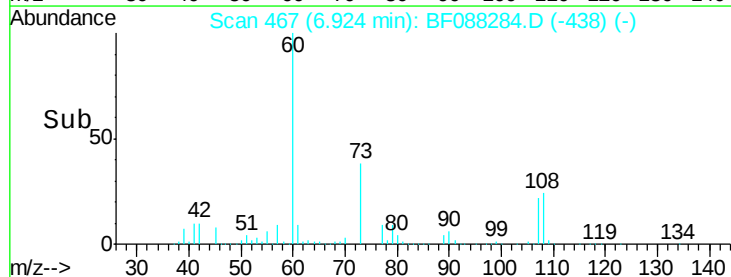
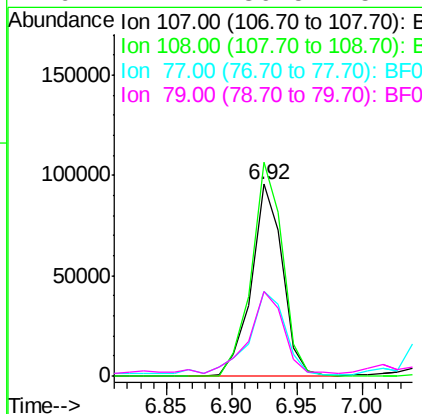
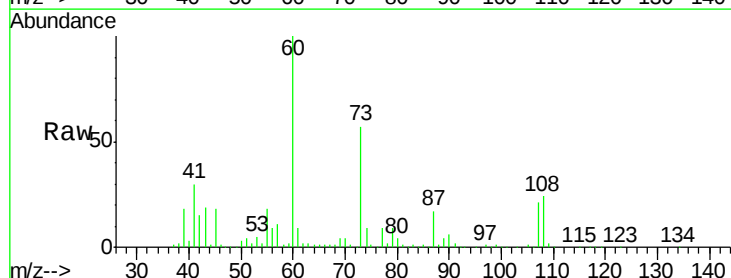
Instrument :
BNA_F
ClientSampled :

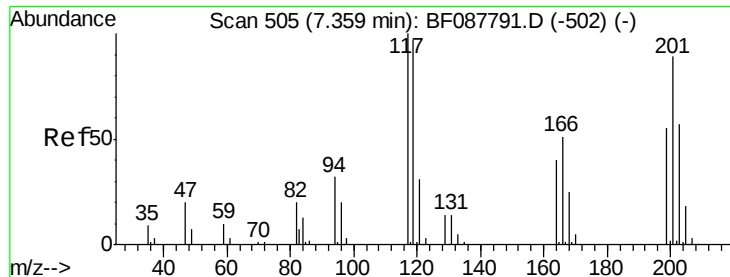
Tot Ion: 45 Resp: 1176079
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.5
79 4.1 0.0 29.5



#17
2-Methylphenol
Concen: 183.73 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.03 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion: 107 Resp: 159170
Ion Ratio Lower Upper
107 100
108 111.3 90.9 136.3
77 44.4 36.6 55.0
79 44.4 36.5 54.7





#18

Hexachloroethane

Concen: 68.48 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.05 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

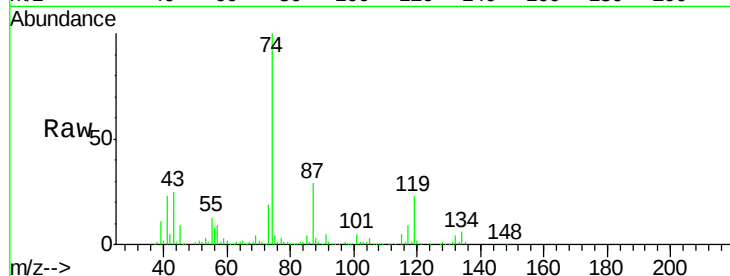
Tot Ion:117 Resp: 28057

Ion Ratio Lower Upper

117 100

119 245.3 77.4 116.2#

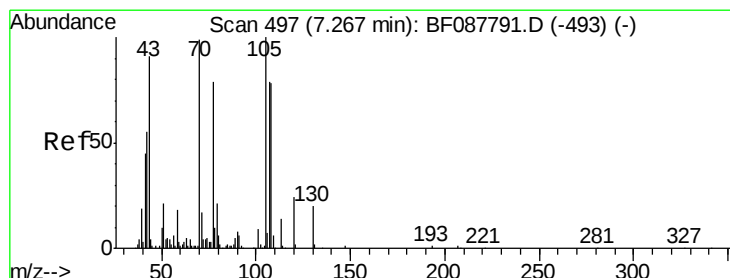
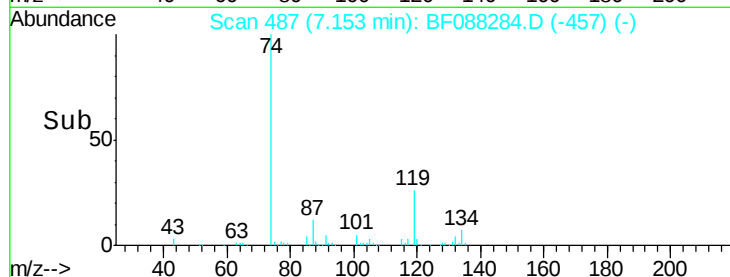
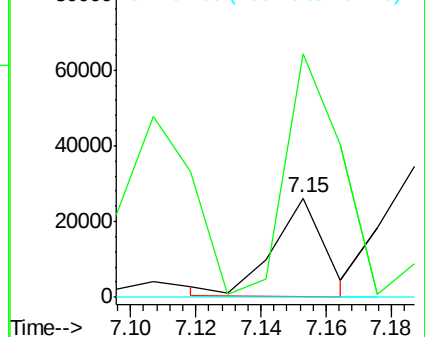
201 0.0 80.4 120.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 423.89 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Tgt Ion: 70 Resp: 296603

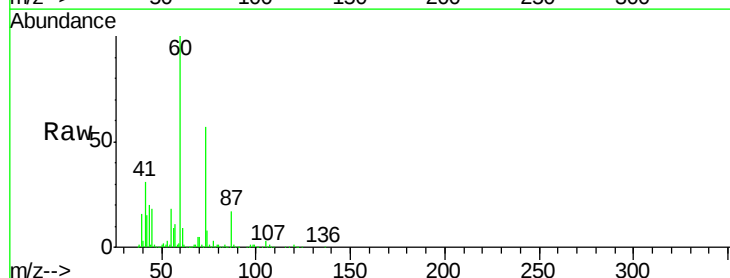
Ion Ratio Lower Upper

70 100

42 327.8 49.6 74.4#

101 3.0 7.1 10.7#

130 0.0 15.4 23.2#

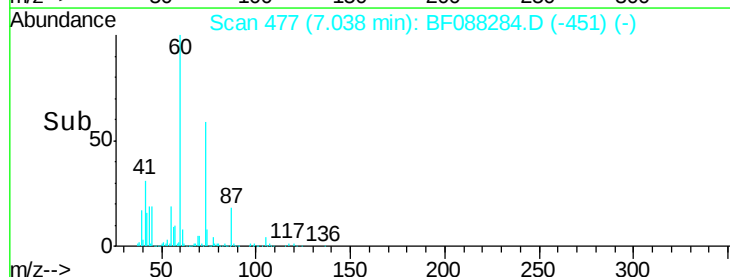
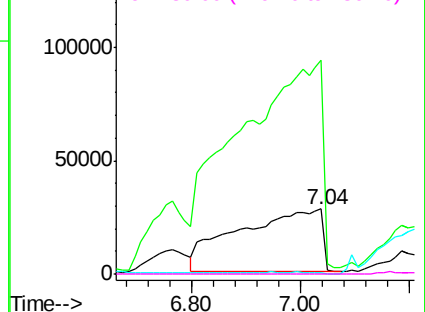


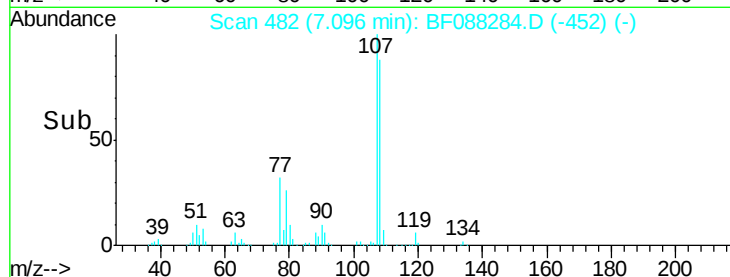
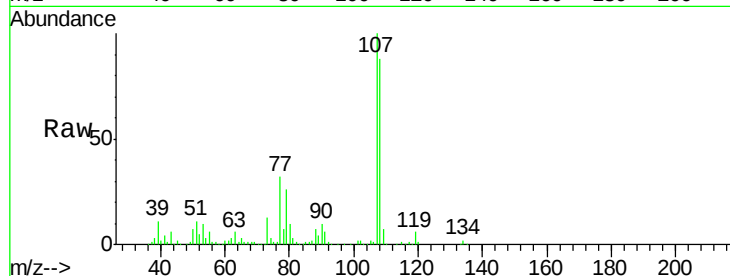
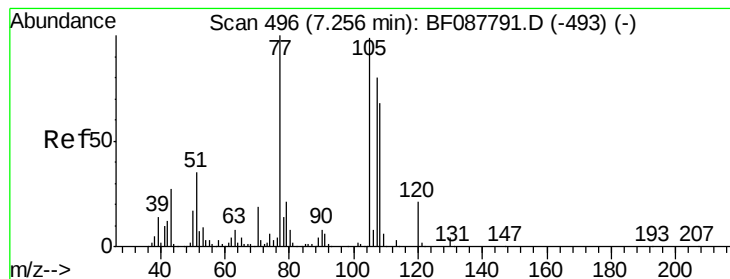
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 757.09 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.05 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 765278

Ion Ratio Lower Upper

107 100

108 87.6 67.8 107.8

77 32.0 59.3 99.3#

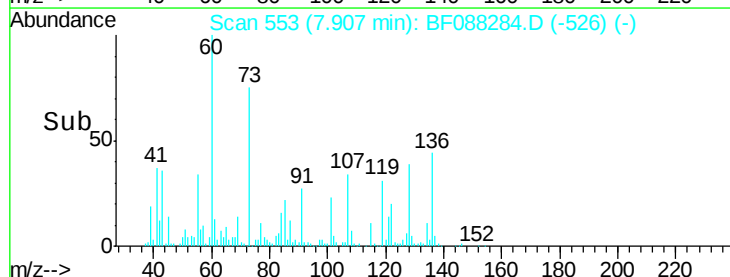
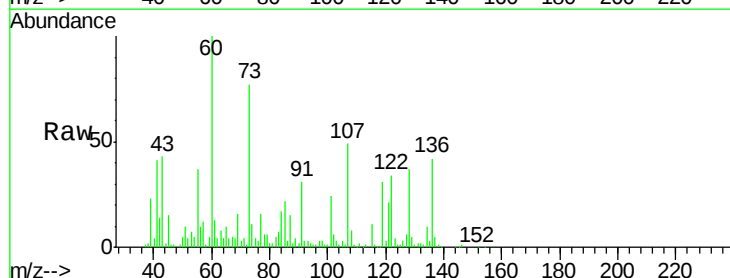
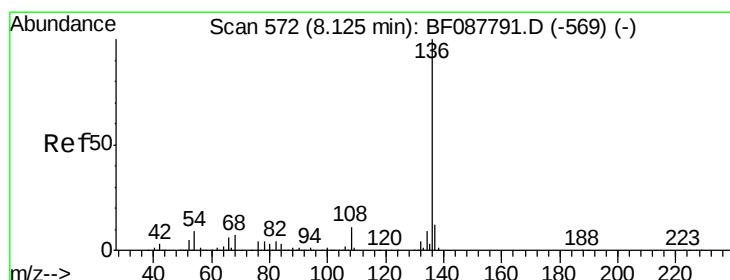
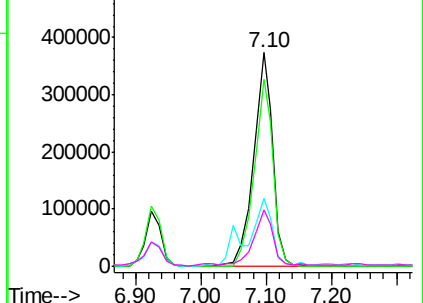
79 26.4 7.0 47.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Tgt Ion:136 Resp: 77817

Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 11.0 6.6 10.0#

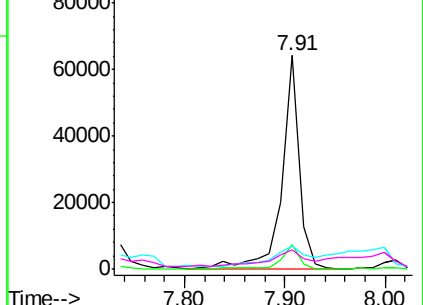
68 9.2 5.1 7.7#

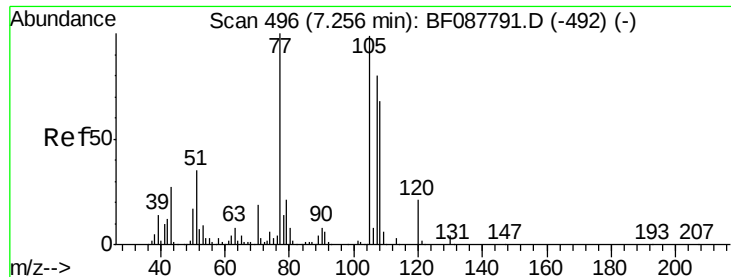
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

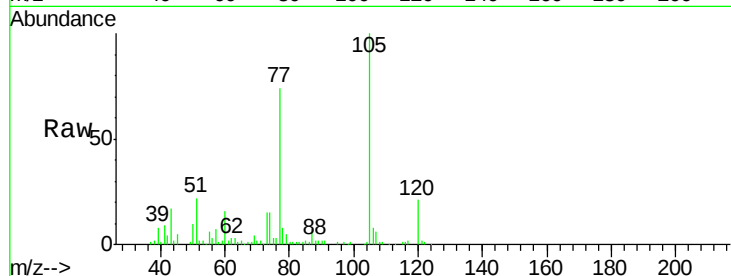




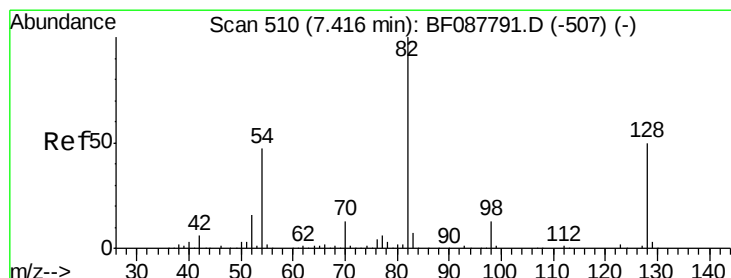
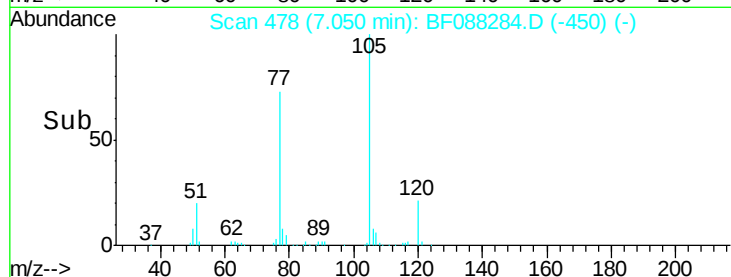
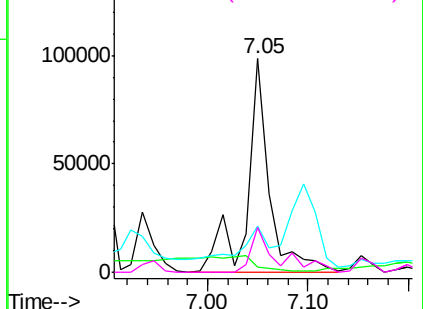
#22
Acetophenone
Concen: 87.99 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.02 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Instrument :
BNA_F
ClientSampleID :

Tot Ion:105 Resp: 153014
Ion Ratio Lower Upper
105 100
71 2.3 5.3 7.9#
51 21.9 18.2 27.4
120 21.2 18.0 27.0

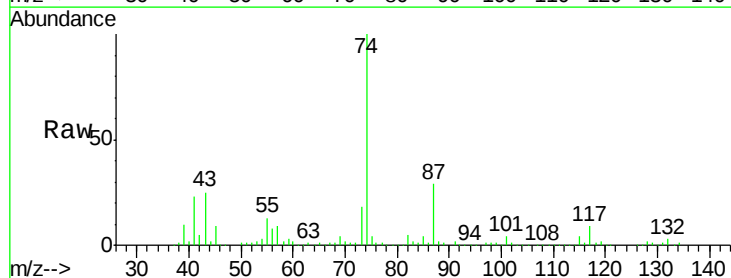


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

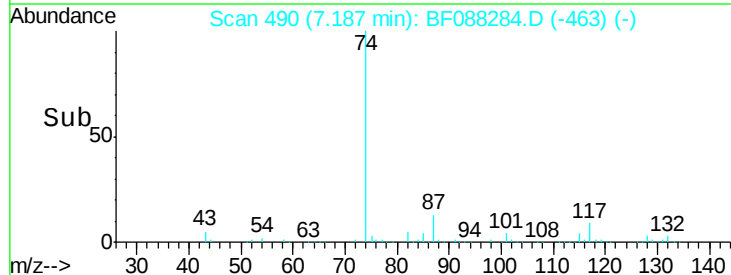
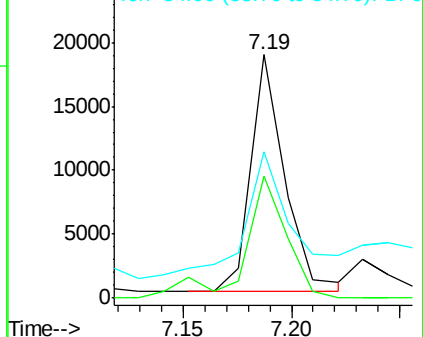


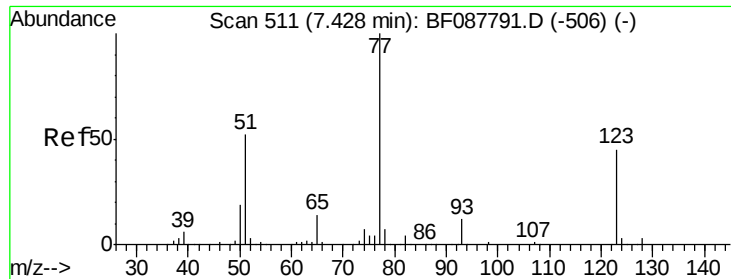
#23
Nitrobenzene-d5
Concen: 15.15 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion: 82 Resp: 20186
Ion Ratio Lower Upper
82 100
128 50.0 35.9 53.9
54 60.3 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: 159.77 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.10 min

Lab File: BF088284.D

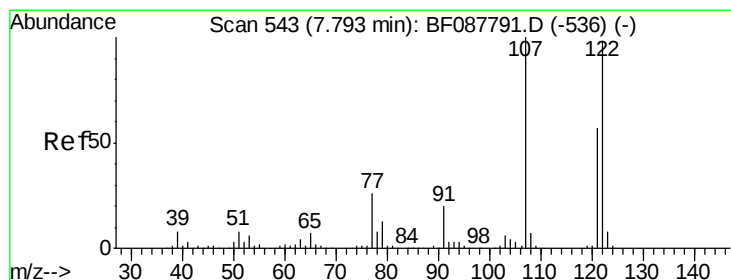
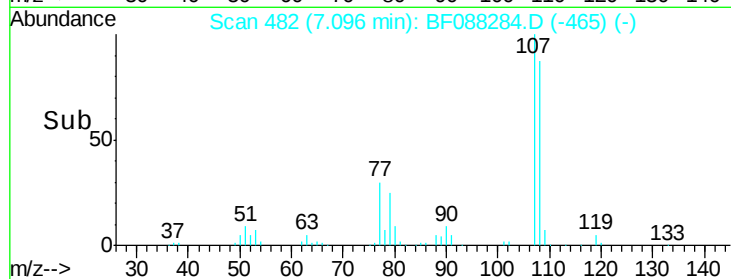
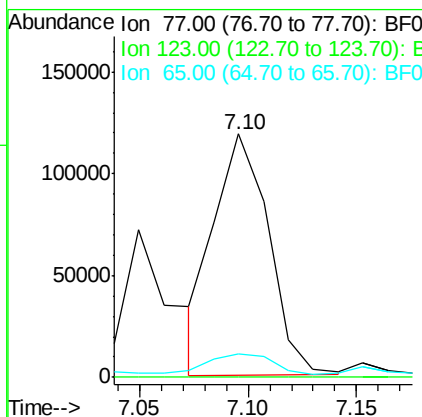
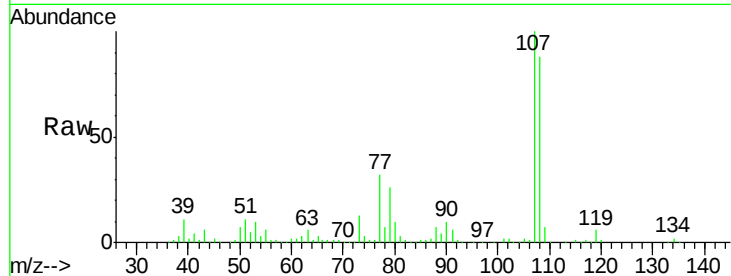
Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	77	Resp:	206244
Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	9.7	10.2	15.2#



#27

2,4-Dimethylphenol

Concen: 140.01 ng

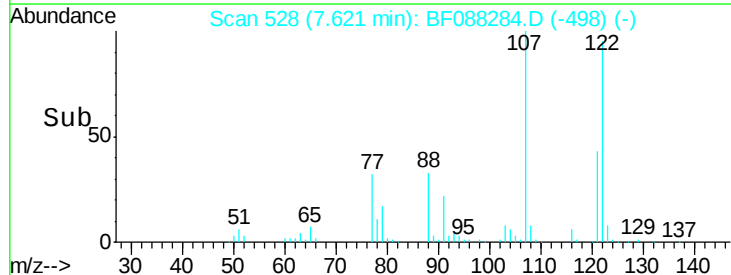
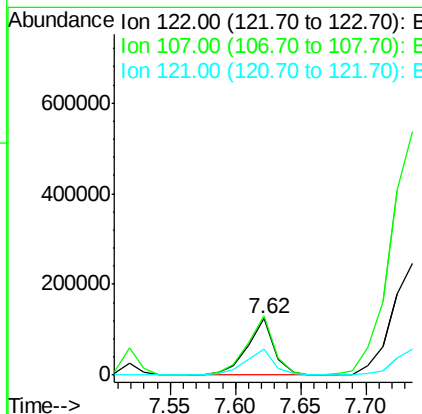
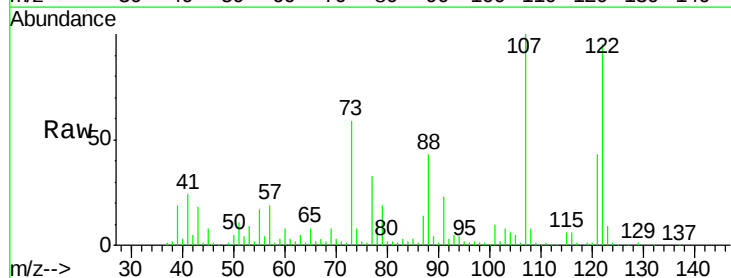
RT: 7.62 min Scan# 528

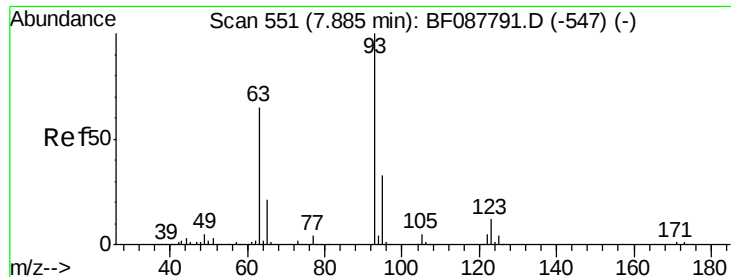
Delta R.T. 0.05 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Tgt Ion:	122	Resp:	178255
Ion	Ratio	Lower	Upper
122	100		
107	105.4	82.4	123.6
121	45.1	46.3	69.5#





#28

bis(2-Chloroethoxy)methane

Concen: 2.16 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.02 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

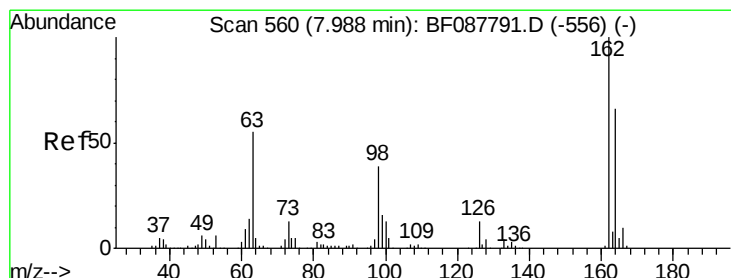
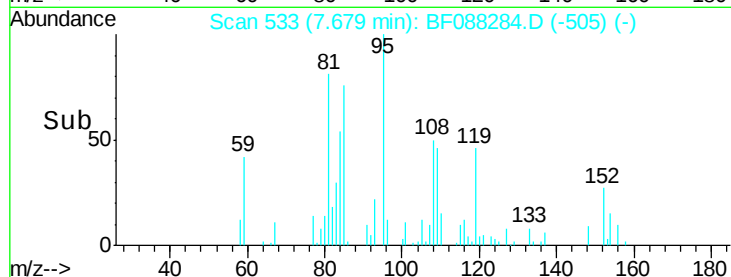
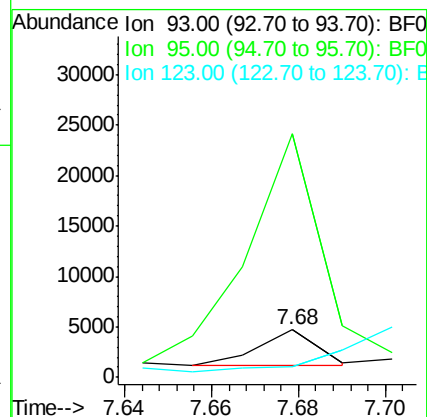
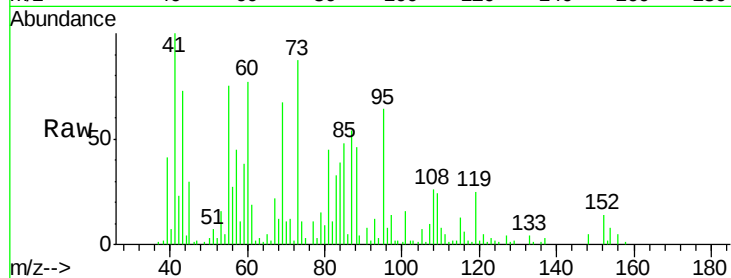
Tot Ion: 93 Resp: 3310

Ion Ratio Lower Upper

93 100

95 514.4 26.5 39.7#

123 23.7 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 4.32 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.08 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

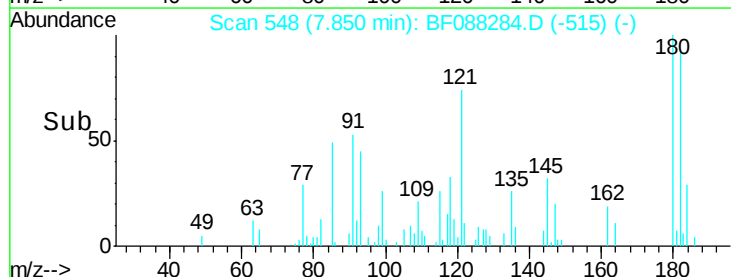
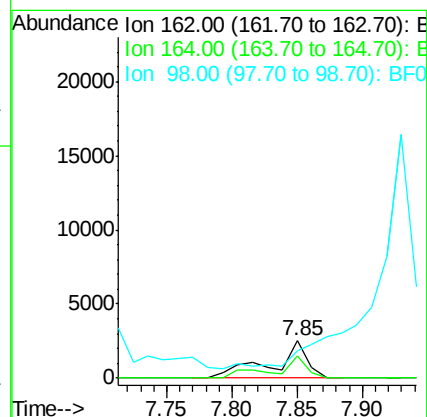
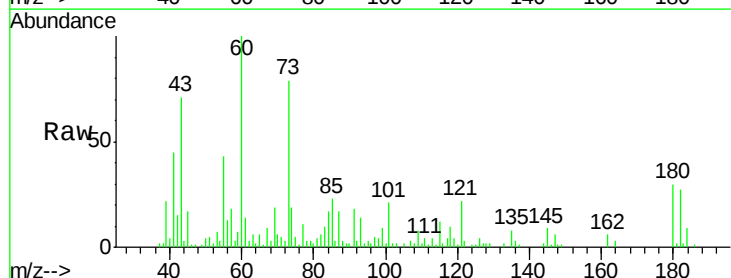
Tgt Ion: 162 Resp: 4597

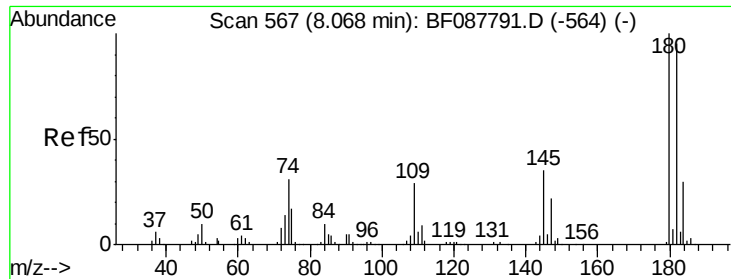
Ion Ratio Lower Upper

162 100

164 58.5 43.8 83.8

98 71.5 21.3 61.3#

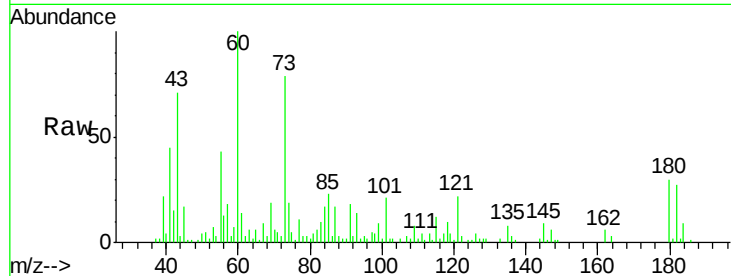




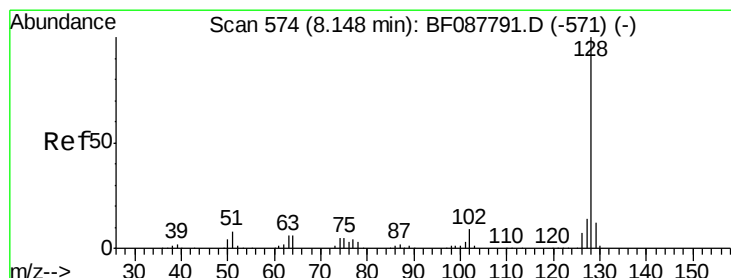
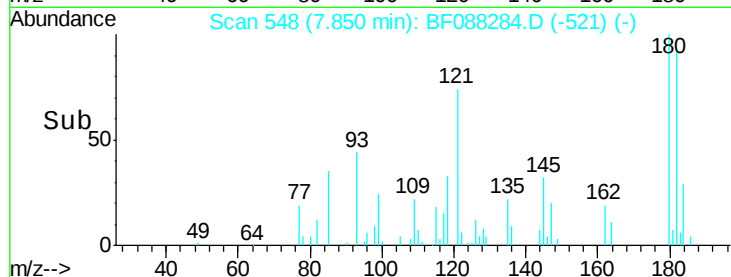
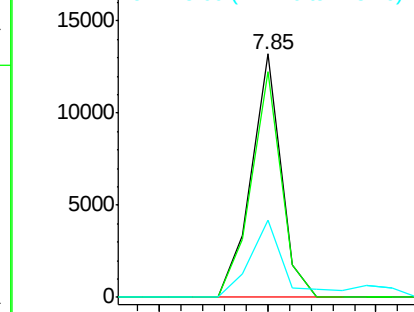
#30
1,2,4-Trichlorobenzene
Concen: 10.85 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 12556
Ion Ratio Lower Upper
180 100
182 92.5 76.0 114.0
145 31.5 26.5 39.7

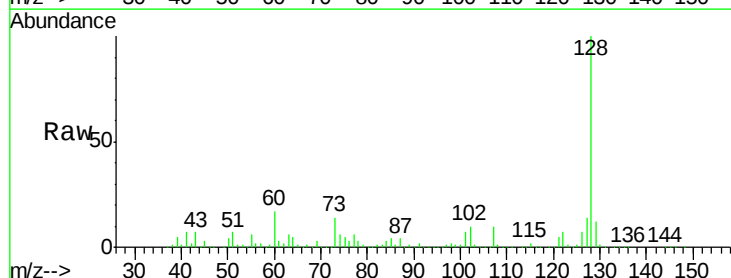


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

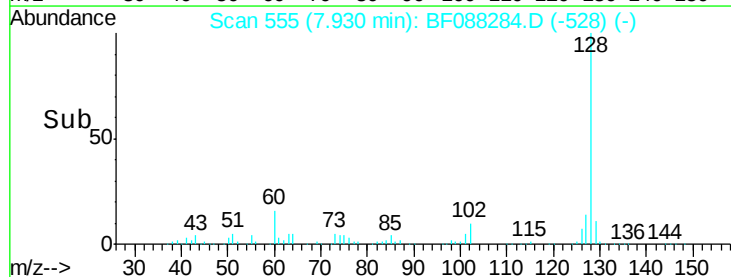
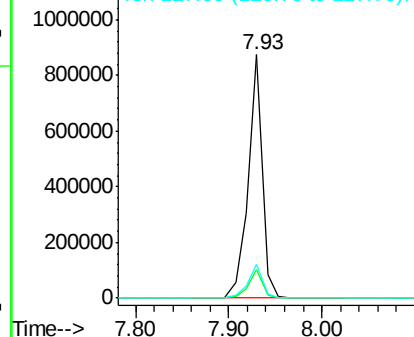


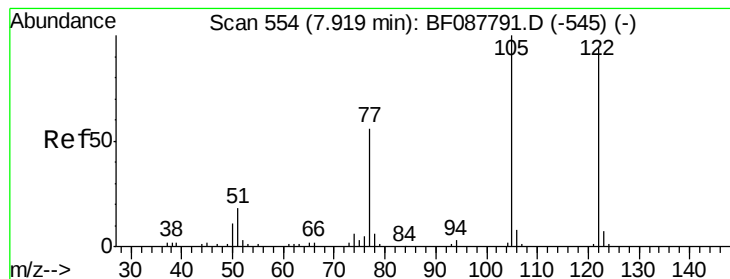
#31
Naphthalene
Concen: 237.42 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:128 Resp: 914290
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.7 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: 1726.68 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.03 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

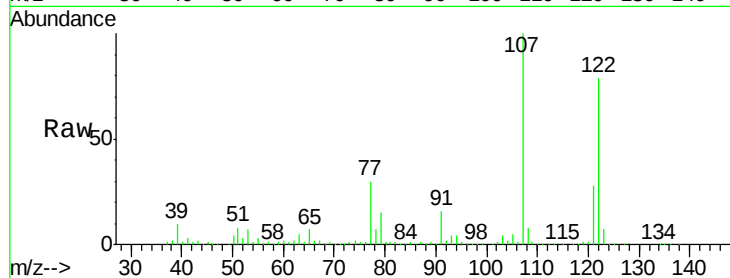
Tot Ion:122 Resp: 1210506

Ion Ratio Lower Upper

122 100

105 6.5 101.6 141.6#

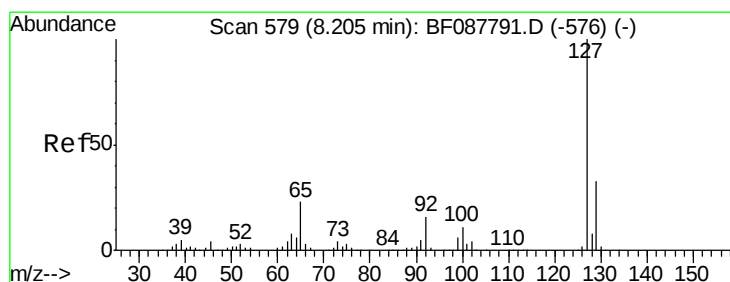
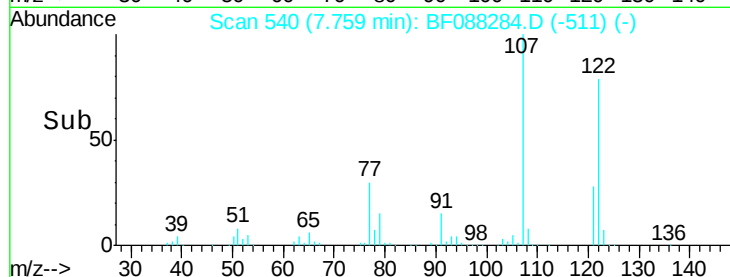
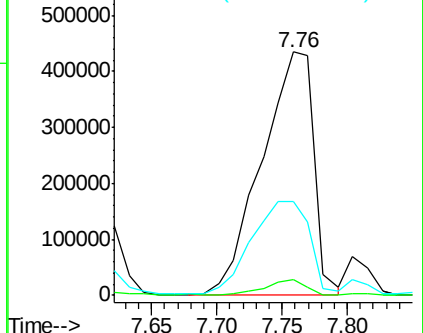
77 38.7 70.6 110.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 3.72 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.02 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Tgt Ion:127 Resp: 6399

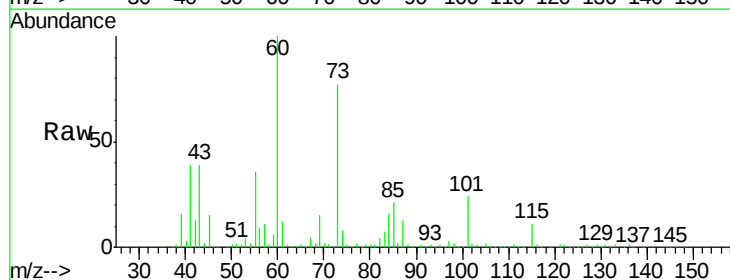
Ion Ratio Lower Upper

127 100

129 95.3 26.3 39.5#

65 82.4 24.7 37.1#

92 31.1 15.4 23.0#

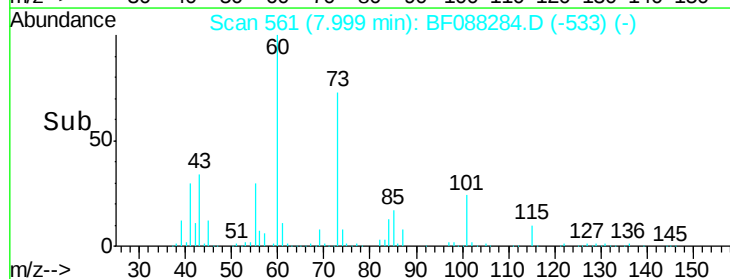
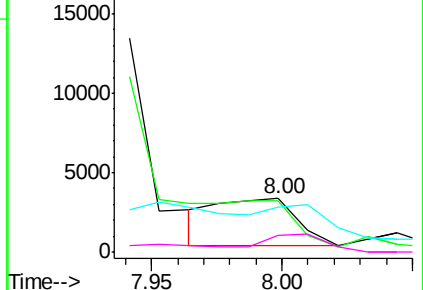


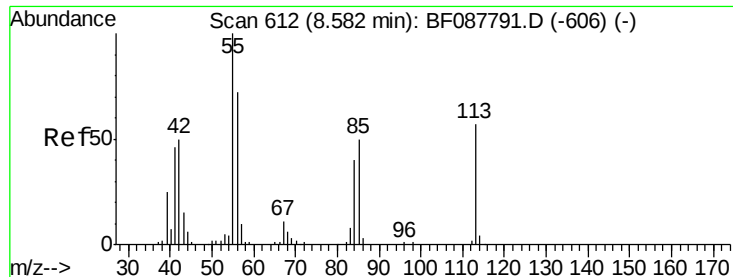
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 9.02 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

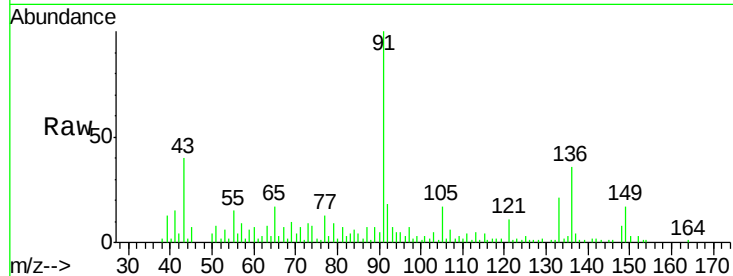
Tot Ion:113 Resp: 3175

Ion Ratio Lower Upper

113 100

55 333.3 158.6 198.6#

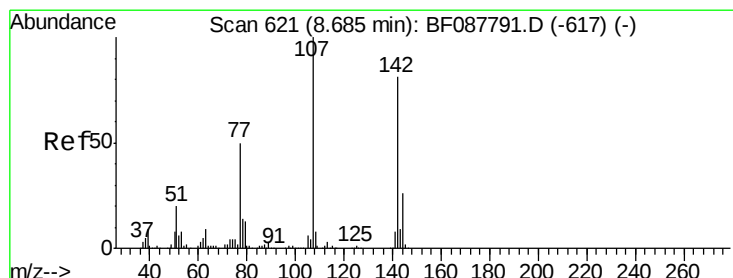
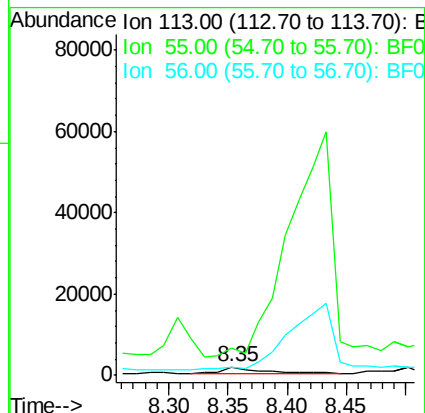
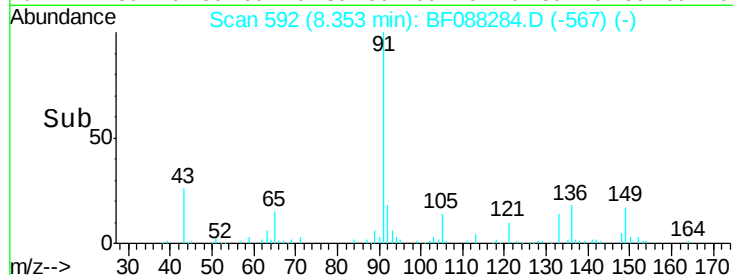
56 93.3 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 24.79 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

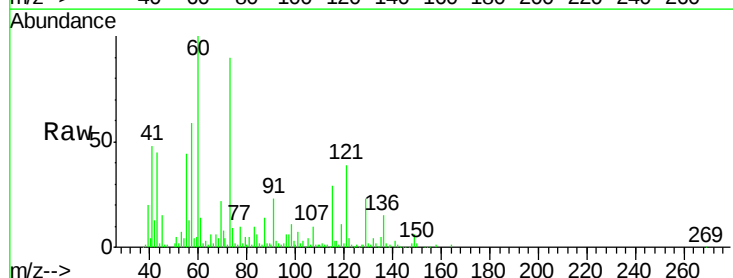
Tgt Ion:107 Resp: 28185

Ion Ratio Lower Upper

107 100

144 3.5 20.8 31.2#

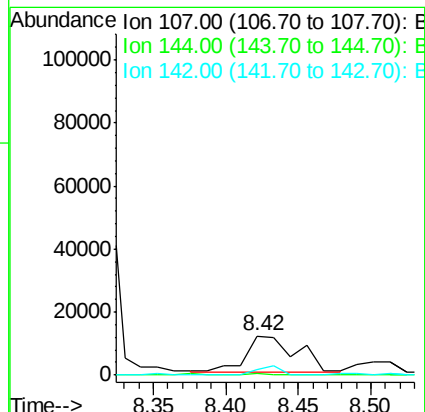
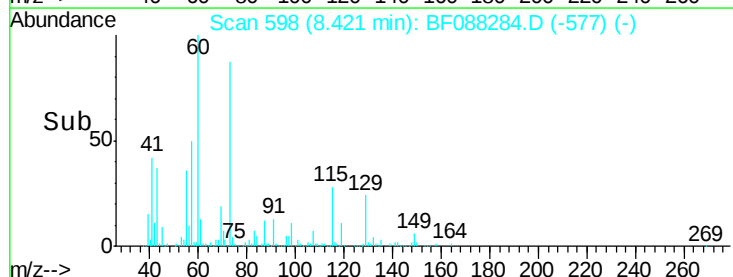
142 14.3 63.4 95.2#

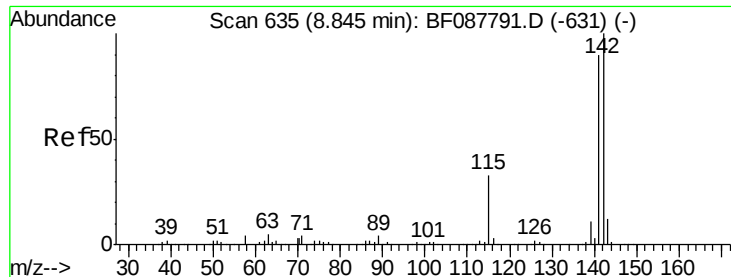


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

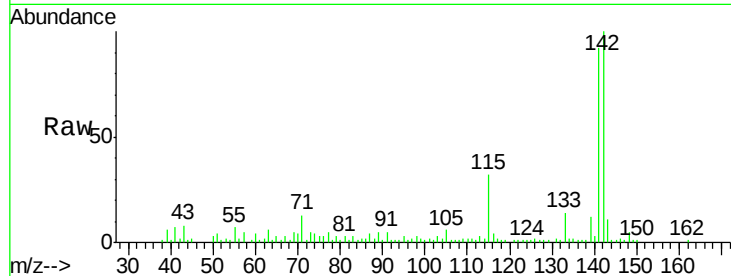




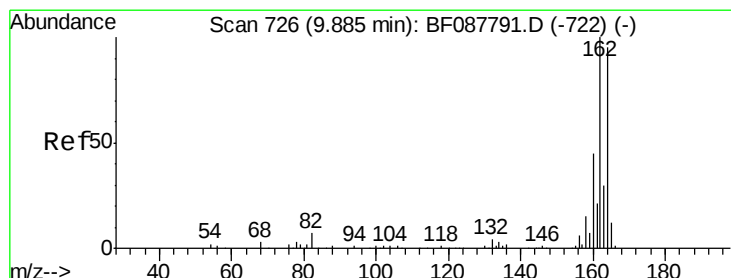
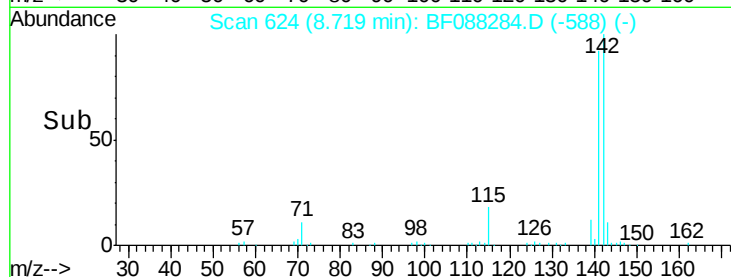
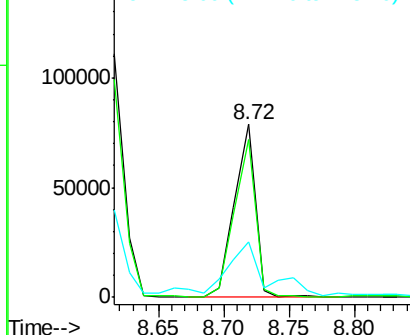
#37
2-Methylnaphthalene
Concen: 34.72 ng
RT: 8.72 min Scan# 624
Delta R.T. 0.11 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 88138
Ion Ratio Lower Upper
142 100
141 91.7 71.0 106.6
115 32.4 22.6 33.8

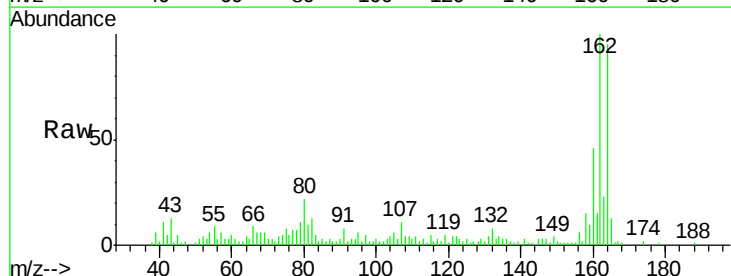


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

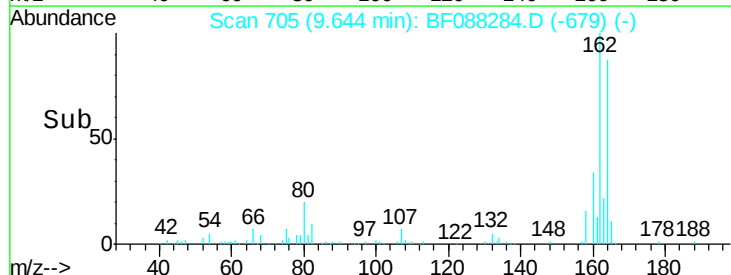
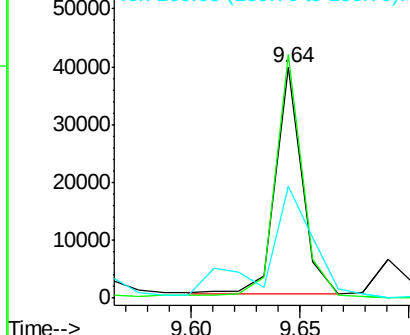


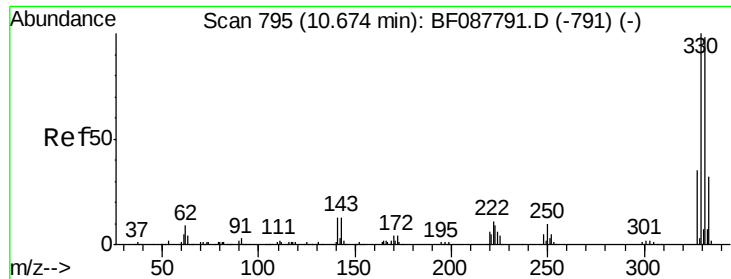
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:164 Resp: 33626
Ion Ratio Lower Upper
164 100
162 105.5 85.4 128.2
160 48.7 39.5 59.3



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

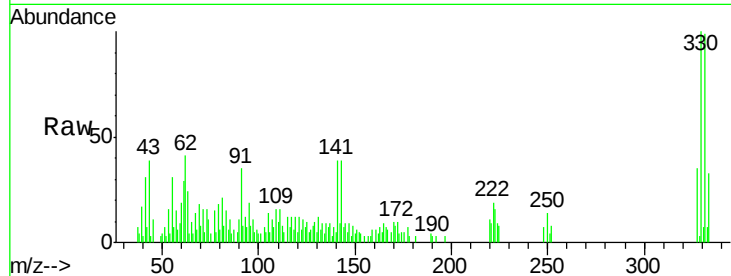




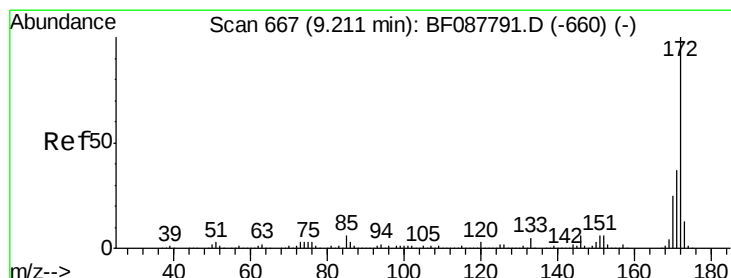
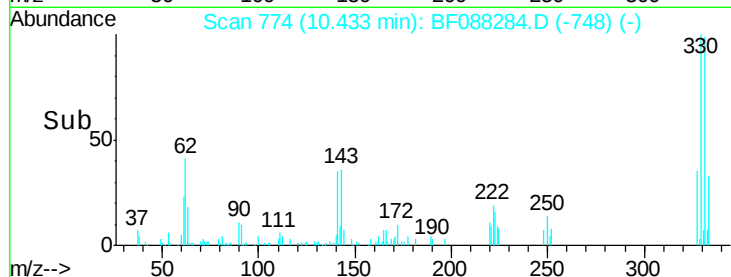
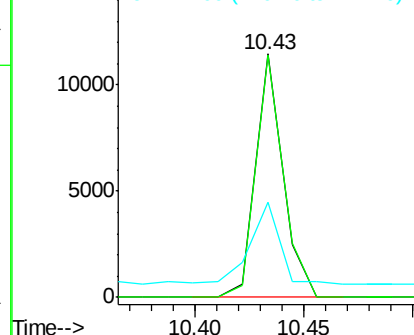
#41
 2,4,6-Tribromophenol
 Concen: 28.14 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088284.D
 Acq: 23 Jun 2016 9:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	0.0	0.0#
141	40.1	0.0	0.0#

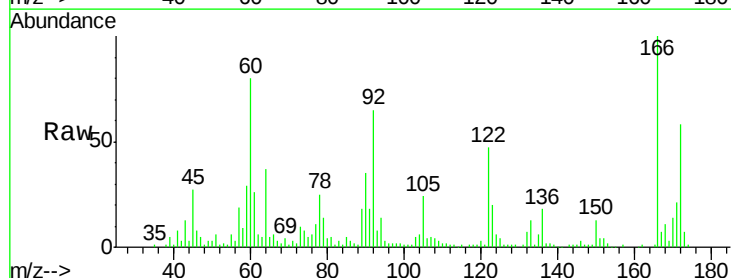


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

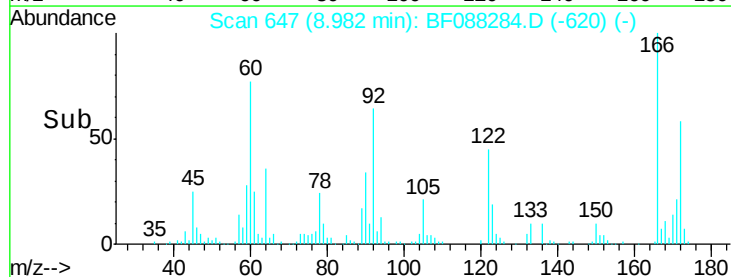
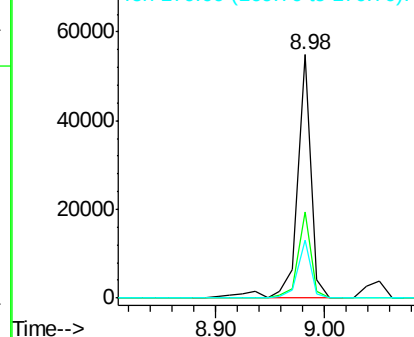


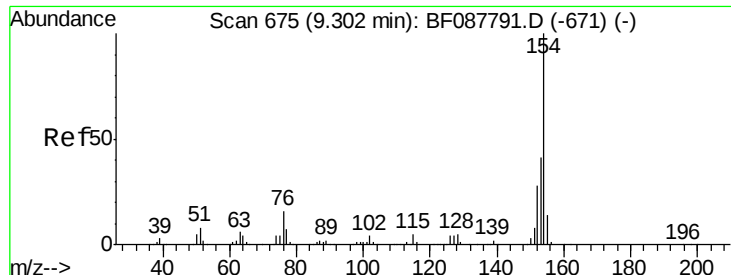
#44
 2-Fluorobiphenyl
 Concen: 18.35 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF088284.D
 Acq: 23 Jun 2016 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	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: 12.14 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampled :

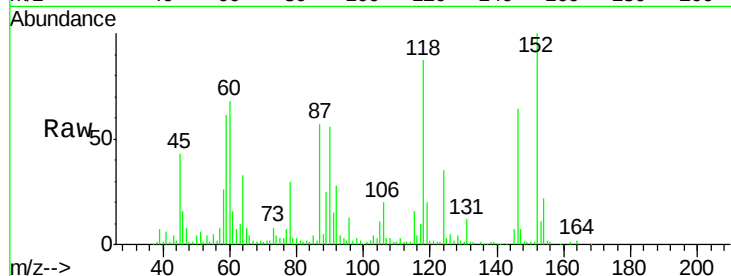
Tot Ion:154 Resp: 42088

Ion Ratio Lower Upper

154 100

153 46.8 20.6 60.6

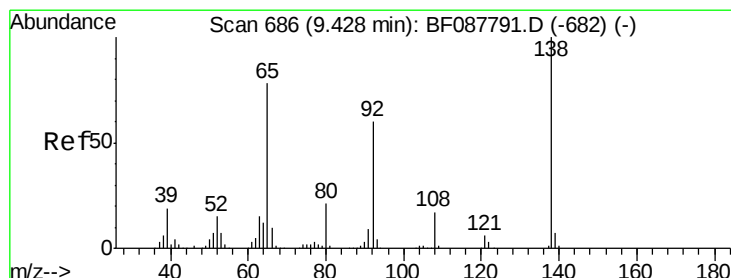
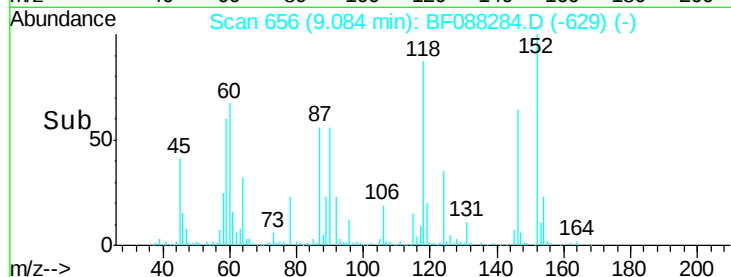
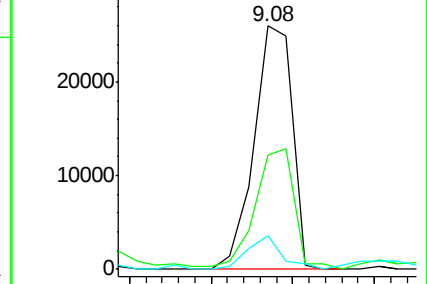
76 13.9 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 5.59 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.03 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

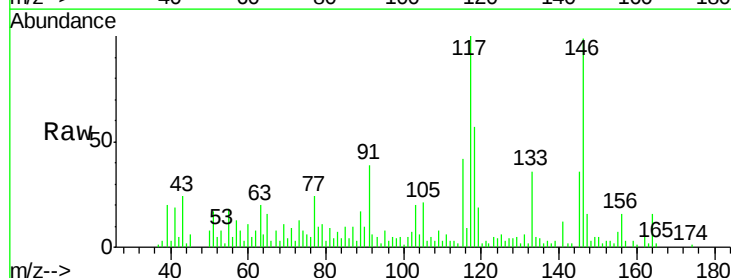
Tgt Ion: 65 Resp: 3590

Ion Ratio Lower Upper

65 100

92 36.8 54.6 82.0#

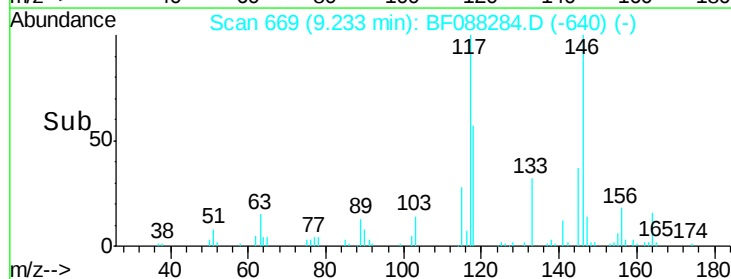
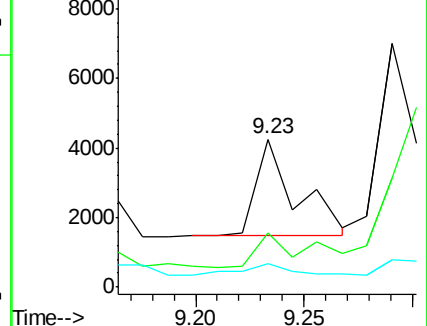
138 15.6 77.0 115.4#

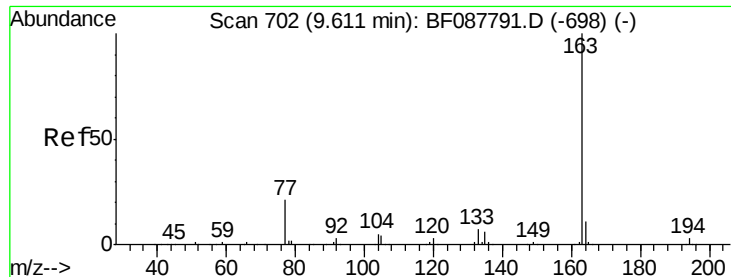


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 17.90 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

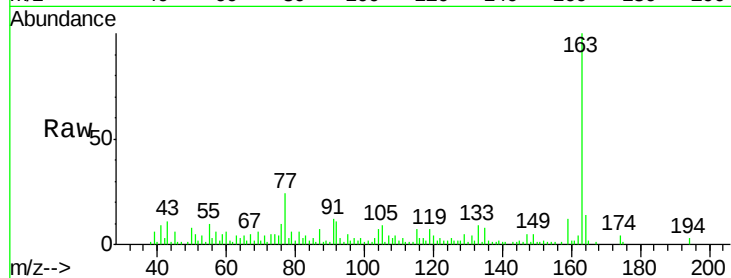
Tot Ion:163 Resp: 43613

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

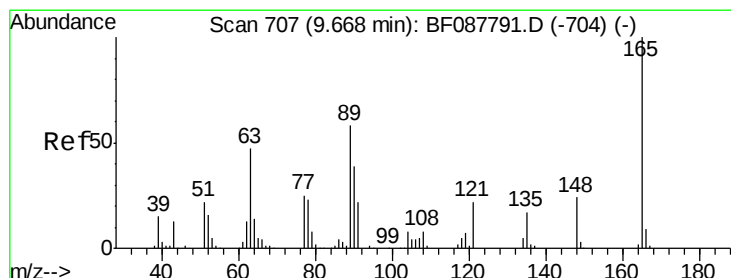
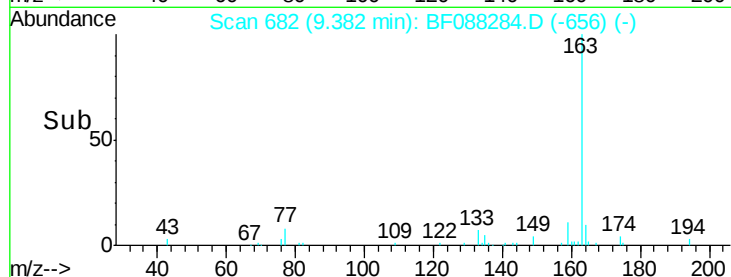
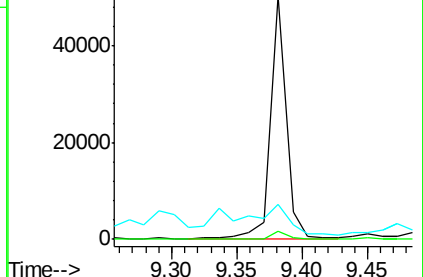
164 14.1 8.3 12.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.02 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

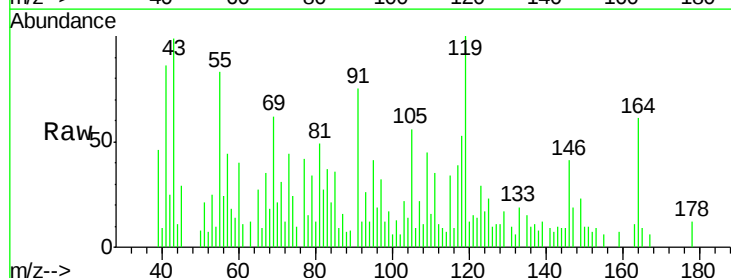
Tgt Ion:165 Resp: 1129

Ion Ratio Lower Upper

165 100

63 138.0 28.1 42.1#

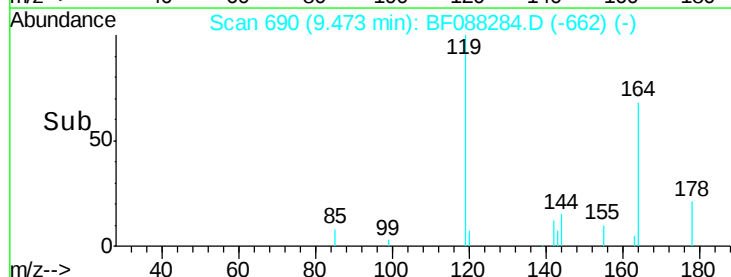
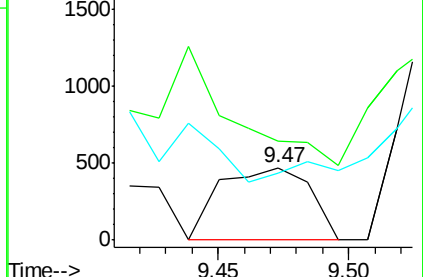
89 93.2 32.2 48.2#

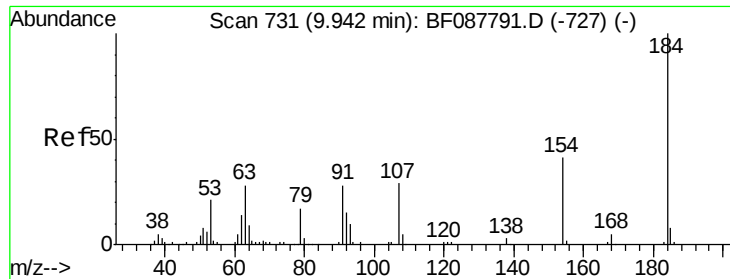


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

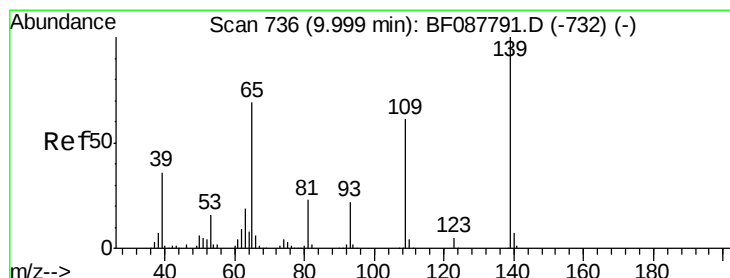
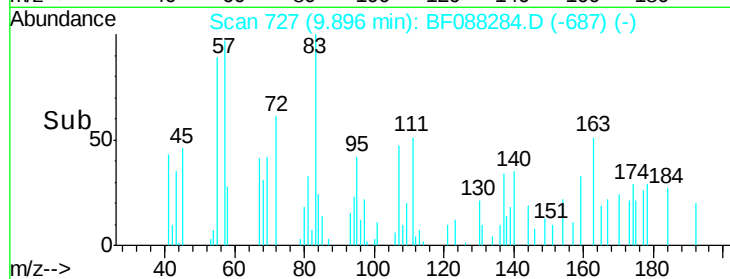
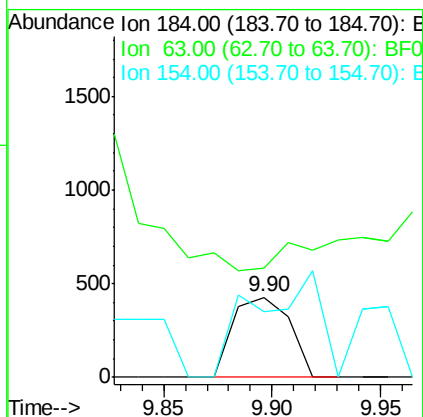
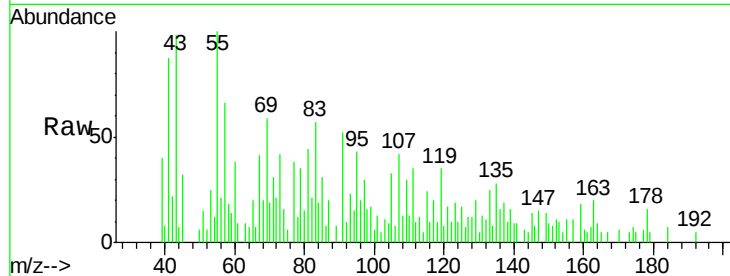




#53
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.16 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

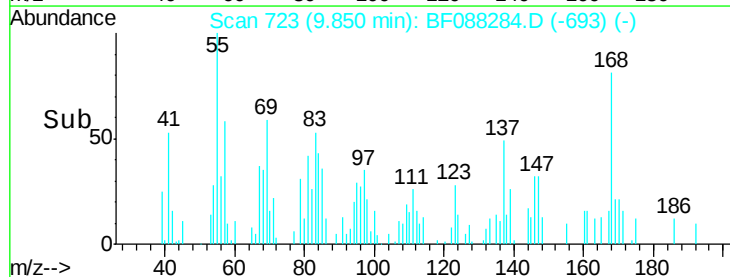
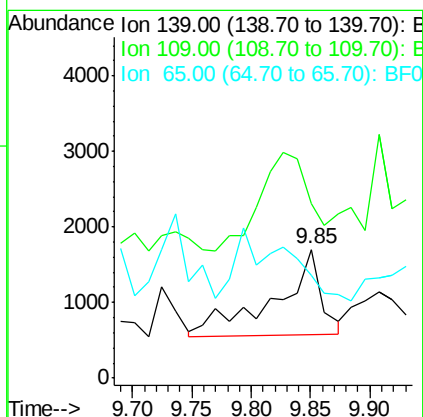
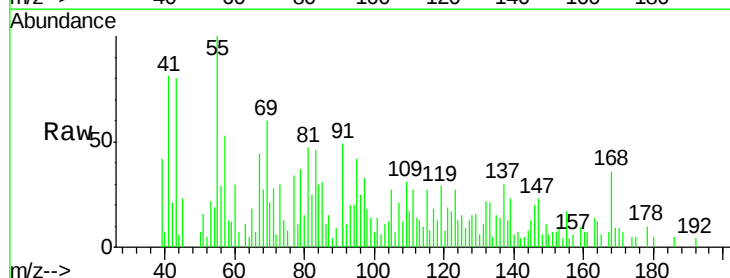
Instrument :
BNA_F
ClientSampleId :

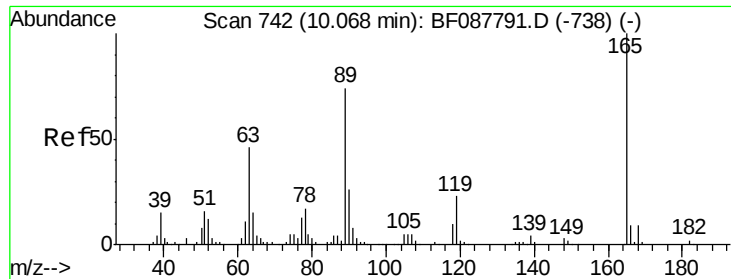
Tot Ion:184 Resp: 774
Ion Ratio Lower Upper
184 100
63 136.5 57.6 86.4#
154 81.7 53.5 80.3#



#55
4-Nitrophenol
Concen: 6.03 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.05 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:139 Resp: 3012
Ion Ratio Lower Upper
139 100
109 135.3 48.9 88.9#
65 80.1 84.9 124.9#

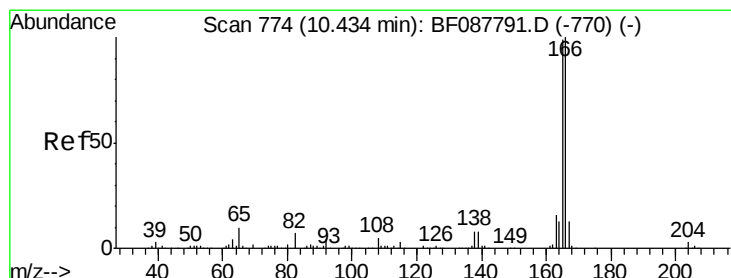
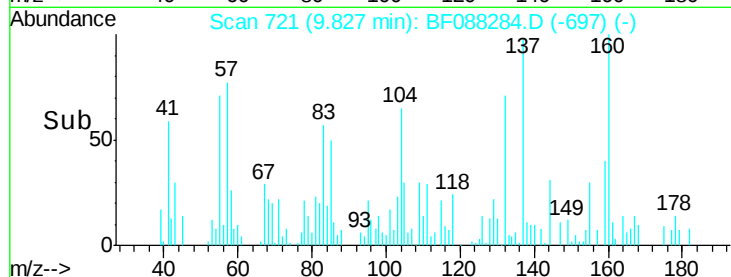
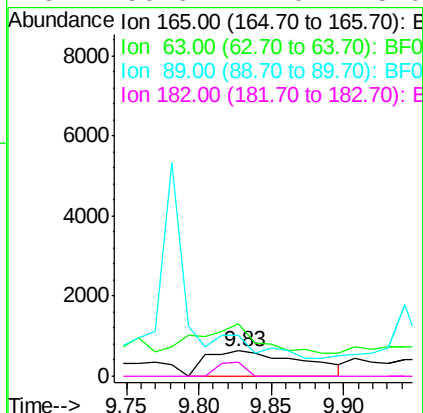
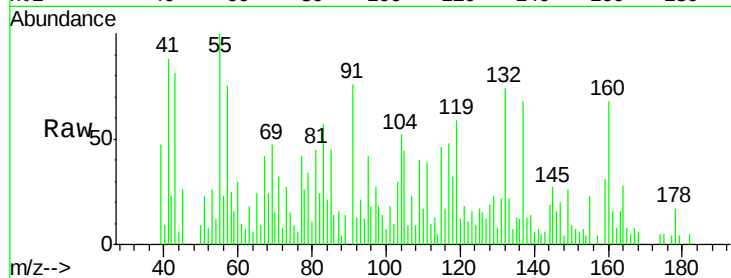




#56
2,4-Dinitrotoluene
Concen: 4.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

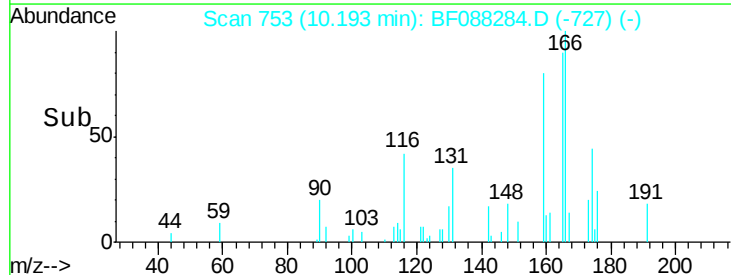
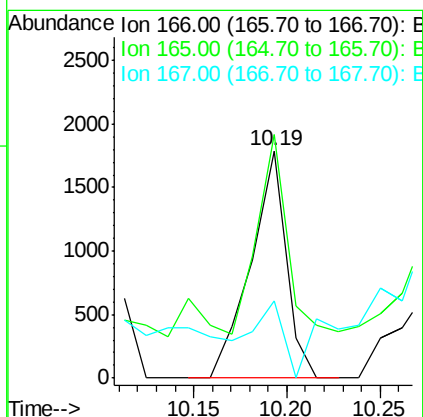
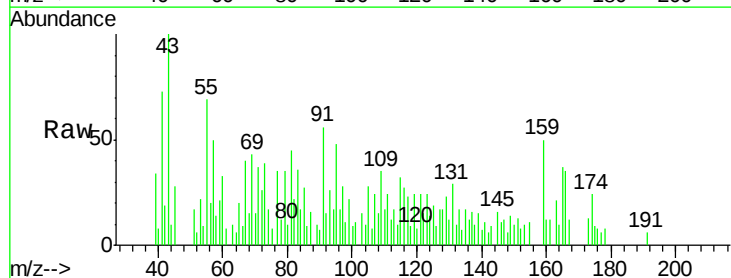
Instrument :
BNA_F
ClientSampleId :

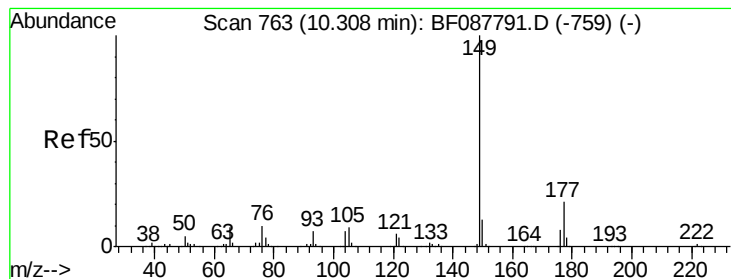
Tot Ion:165 Resp: 2867
Ion Ratio Lower Upper
165 100
63 206.7 22.0 33.0#
89 164.1 41.1 61.7#
182 56.6 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.19 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF088284.D
Acq: 23 Jun 2016 9:24

Tgt Ion:166 Resp: 2365
Ion Ratio Lower Upper
166 100
165 107.0 77.8 116.8
167 34.0 11.2 16.8#





#59

Diethylphthalate

Concen: 25.49 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

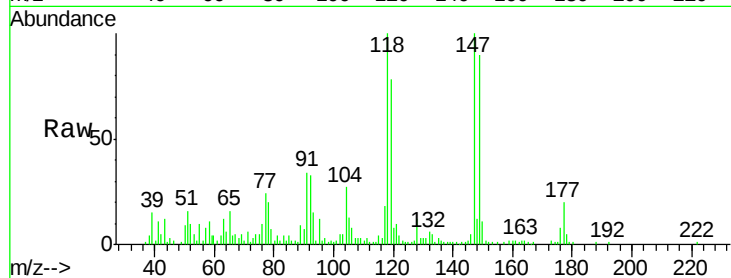
Tot Ion:149 Resp: 62844

Ion Ratio Lower Upper

149 100

177 21.7 16.9 25.3

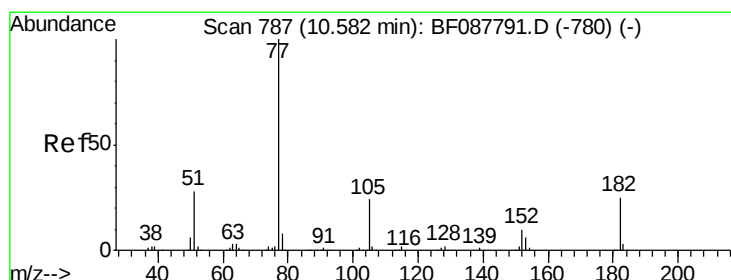
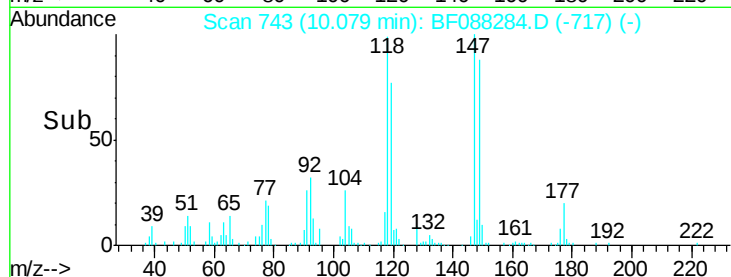
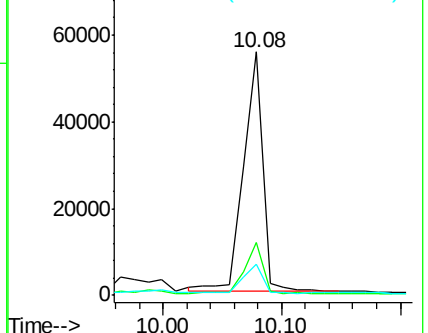
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 2.26 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Tgt Ion: 77 Resp: 5515

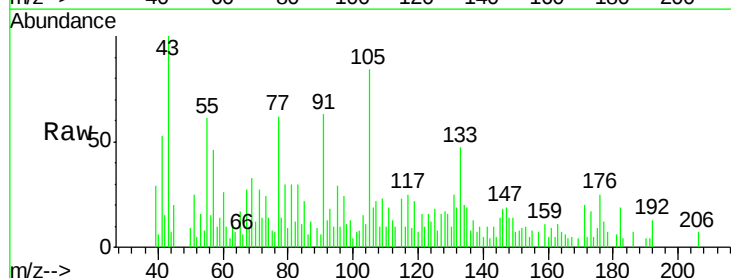
Ion Ratio Lower Upper

77 100

182 30.7 4.4 44.4

105 135.2 3.8 43.8#

51 40.0 9.3 49.3

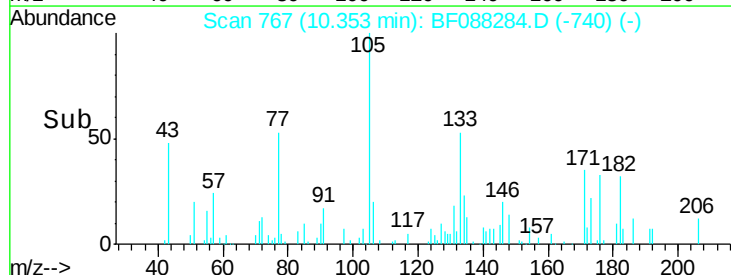
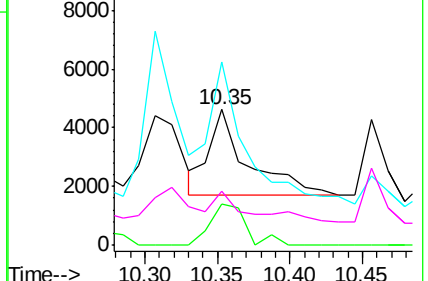


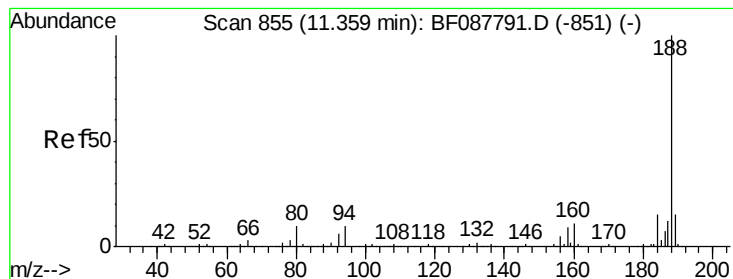
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

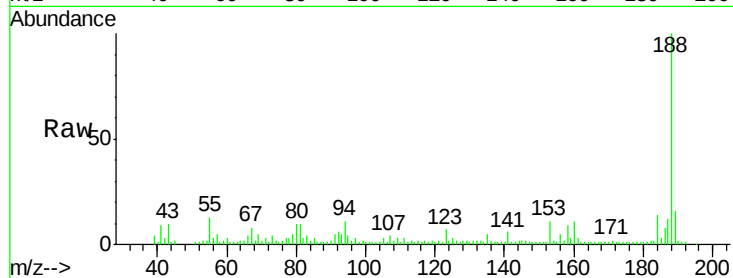
Tot Ion:188 Resp: 52631

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.6

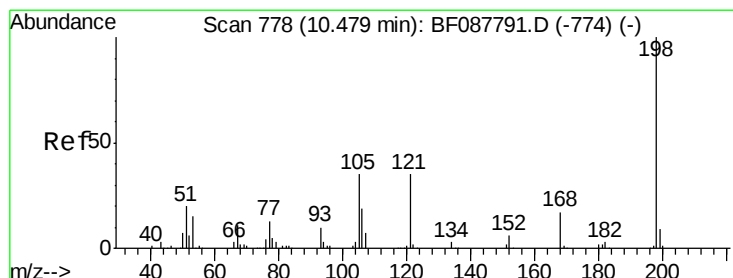
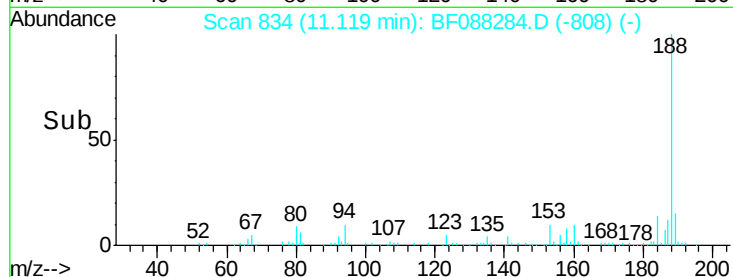
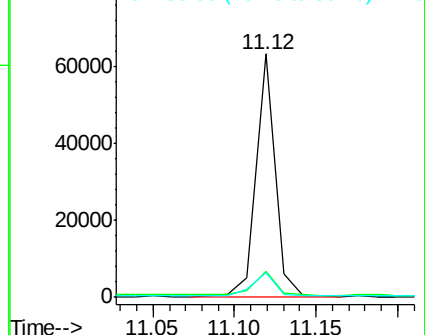
80 10.0 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 3.91 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.05 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

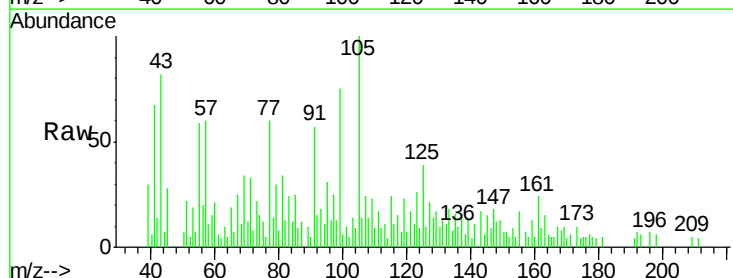
Tgt Ion:198 Resp: 600

Ion Ratio Lower Upper

198 100

51 339.0 39.6 79.6#

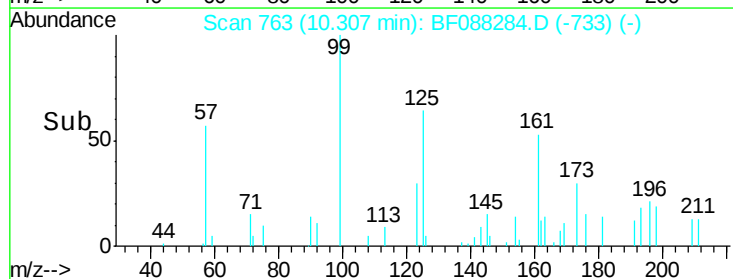
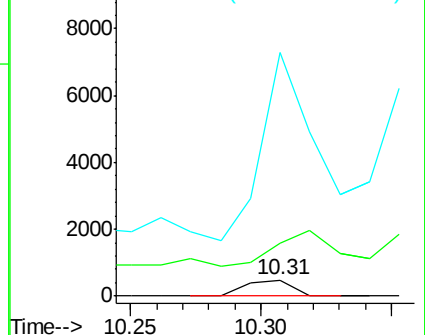
105 1543.2 36.6 76.6#

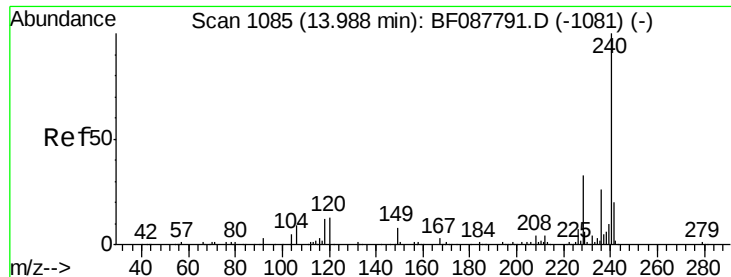


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

Instrument :

BNA_F

ClientSampleId :

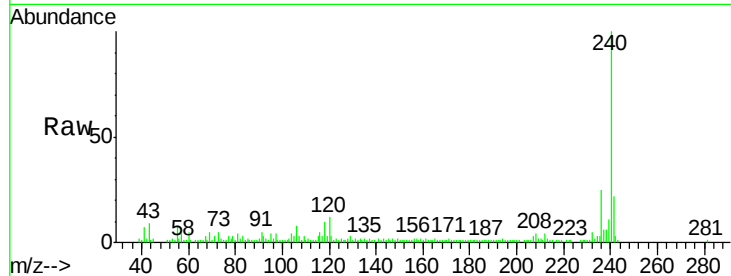
Tot Ion:240 Resp: 47038

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

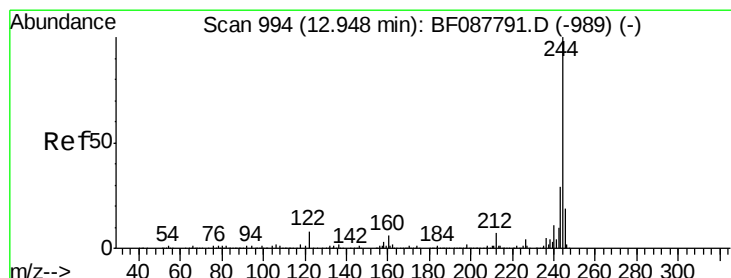
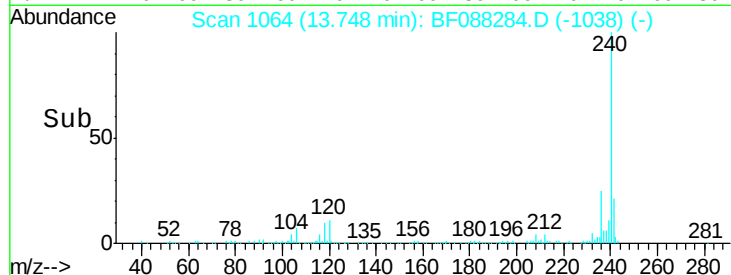
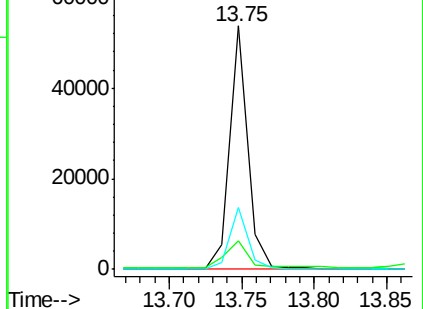
236 25.4 20.2 30.2



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



#78

Terphenyl-d14

Concen: 19.69 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088284.D

Acq: 23 Jun 2016 9:24

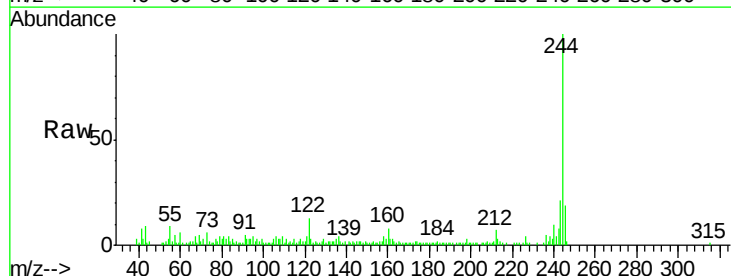
Tgt Ion:244 Resp: 40692

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

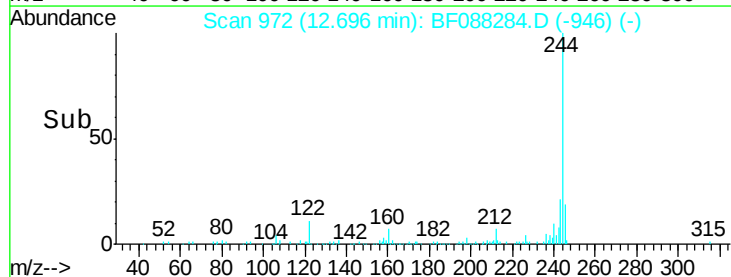
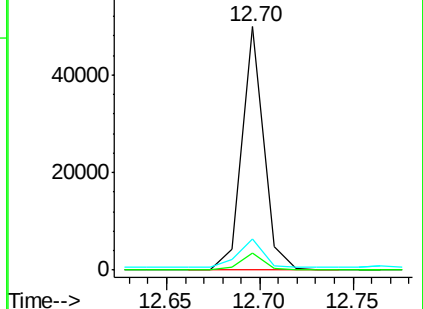
122 12.8 11.2 16.8

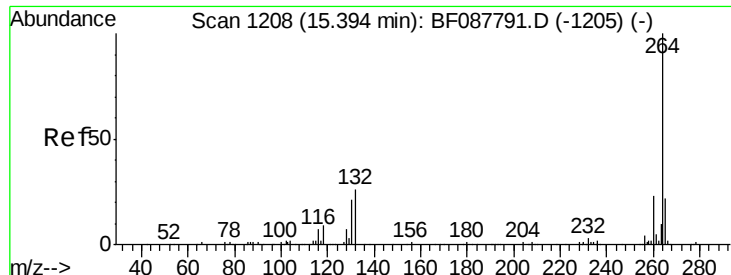


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

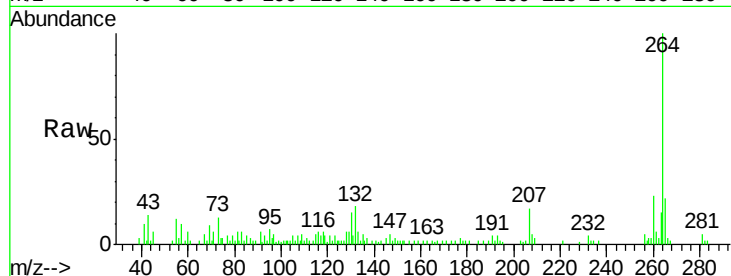




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF088284.D
 Acq: 23 Jun 2016 9:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 33710
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

