

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088282.D
 Acq On : 23 Jun 2016 8:26
 Operator : UM/SJ
 Sample : H3065-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 13:03:10 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	6.60	152	24787	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	100699	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	40977	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	64484	20.00	ng	0.00
75) Chrysene-d12	13.75	240	57533	20.00	ng	0.00
86) Perylene-d12	15.12	264	43864	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	10934	7.54	ng	0.03
7) Phenol-d6	6.31	99	3107	1.77	ng	0.05
23) Nitrobenzene-d5	7.18	82	27875	16.16	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	10692	24.71	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	55185	16.71	ng	0.00
78) Terphenyl-d14	12.70	244	40212	15.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	4371	6.20	ng	# 1
10) Phenol	6.34	94	258	Below Cal		# 1
11) bis(2-Chloroethyl)ether	6.34	93	9469	6.15	ng	90
12) 1,3-Dichlorobenzene	6.54	146	279851	151.98	ng	99
13) 1,4-Dichlorobenzene	6.63	146	782460	421.84	ng	98
14) 1,2-Dichlorobenzene	6.81	146	2732401	1619.79	ng	# 92
15) Benzyl Alcohol	6.67	79	6395	4.65	ng	# 13
18) Hexachloroethane	7.07	117	5209	7.91	ng	# 1
22) Acetophenone	7.00	105	27727	12.32	ng	# 63
24) Nitrobenzene	7.18	77	23234	13.91	ng	# 28
25) Isophorone	7.44	82	8528	2.67	ng	# 90
26) 2-Nitrophenol	7.56	139	3240	3.62	ng	# 83
27) 2,4-Dimethylphenol	7.61	122	5301	3.22	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	4295	2.17	ng	92
29) 2,4-Dichlorophenol	7.85	162	25612	18.62	ng	90
30) 1,2,4-Trichlorobenzene	7.84	180	11884	7.93	ng	98
31) Naphthalene	7.92	128	23980	4.81	ng	# 60
32) Benzoic acid	7.74	122	35001	38.58	ng	# 16
33) 4-Chloroaniline	8.04	127	5399	2.43	ng	# 71
35) Caprolactam	8.35	113	7916	17.37	ng	# 69
36) 4-Chloro-3-methylphenol	8.49	107	4257	2.89	ng	# 19
43) 2,4,5-Trichlorophenol	9.14	196	6960	8.16	ng	# 32
45) 1,1'-Biphenyl	9.07	154	25805	2.53	ng	93
46) 2-Chloronaphthalene	8.88	162	6536	2.46	ng	96
47) 2-Nitroaniline	9.21	65	4737	6.06	ng	# 42
49) Dimethylphthalate	9.37	163	8537	2.88	ng	# 66
53) 2,4-Dinitrophenol	9.88	184	911	6.06	ng	# 68
54) Dibenzofuran	9.85	168	9434	2.60	ng	# 70
56) 2,4-Dinitrotoluene	9.83	165	2085	2.39	ng	# 31
57) Fluorene	10.18	166	3058	Below Cal		# 79
59) Diethylphthalate	10.07	149	8609	2.87	ng	# 73
64) 4,6-Dinitro-2-methylphenol	10.31	198	742	3.92	ng	# 1
68) Atrazine	10.87	200	1518	2.34	ng	# 1

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Response via : Initial Calibration

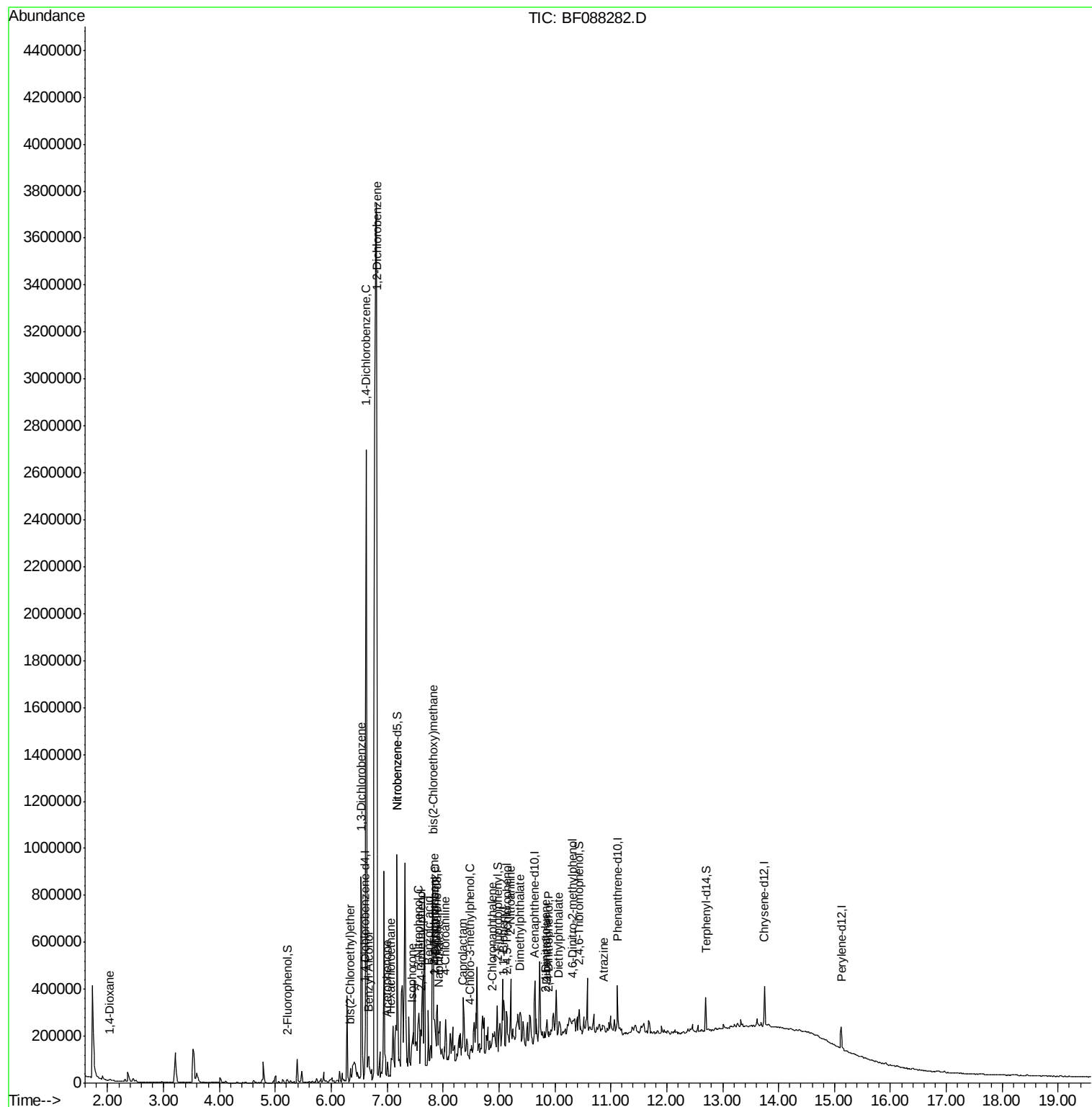
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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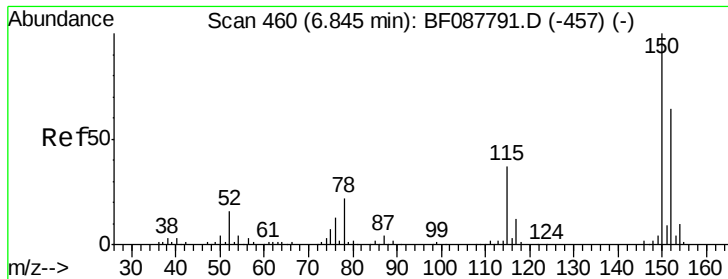
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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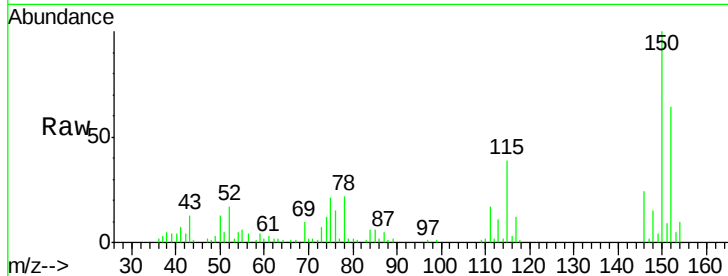


#1

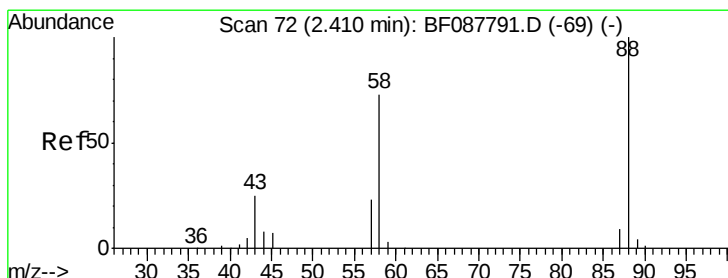
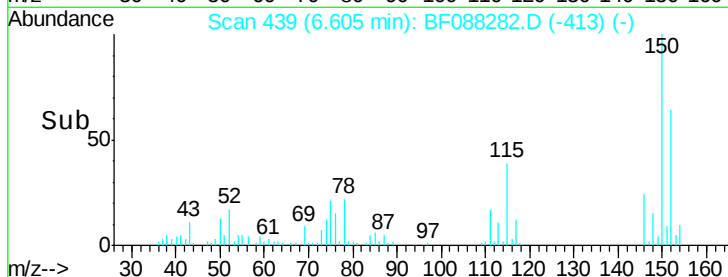
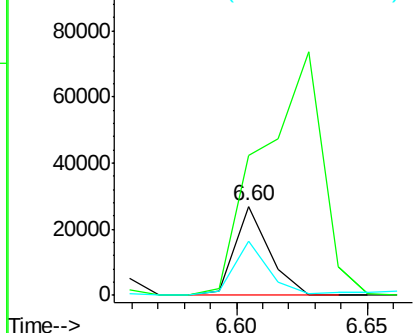
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 24787
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.6
115 60.8 39.6 59.4#



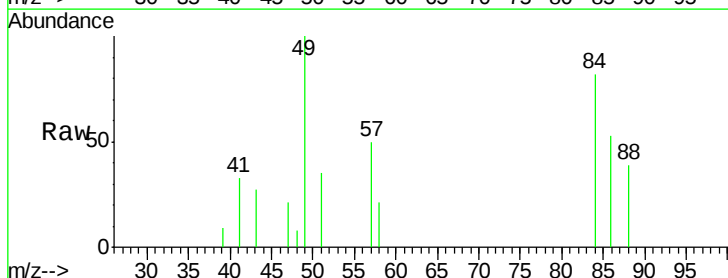
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



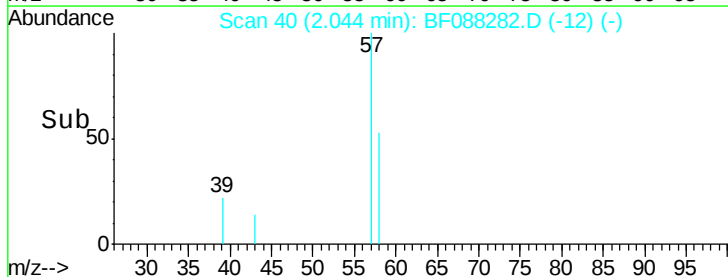
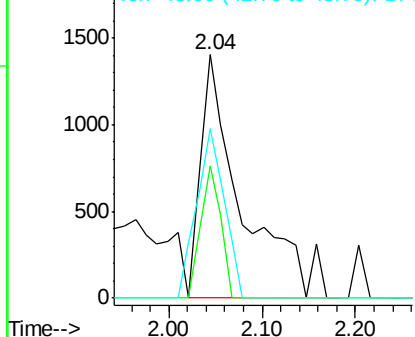
#2

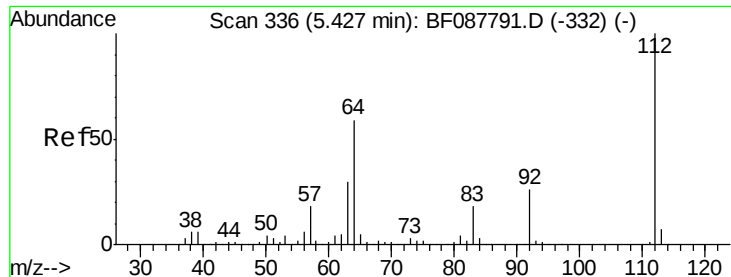
1,4-Dioxane
Concen: 6.20 ng
RT: 2.04 min Scan# 40
Delta R.T. 0.02 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Tgt Ion: 88 Resp: 4371
Ion Ratio Lower Upper
88 100
58 25.9 0.0 0.0#
43 46.1 3.4 5.2#



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





#5

2-Fluorophenol

Concen: 7.54 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088282.D

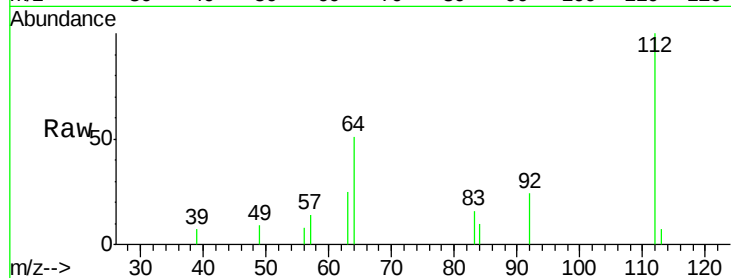
Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampled :

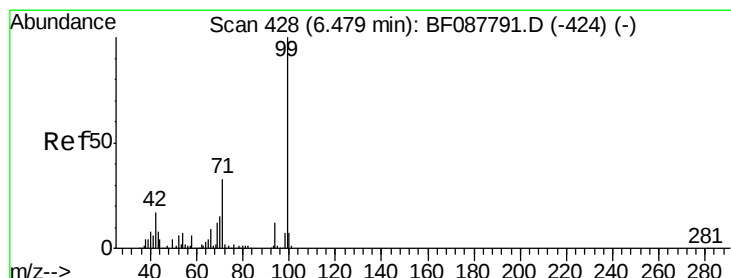
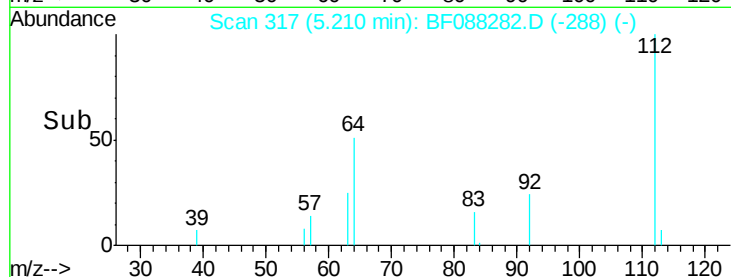
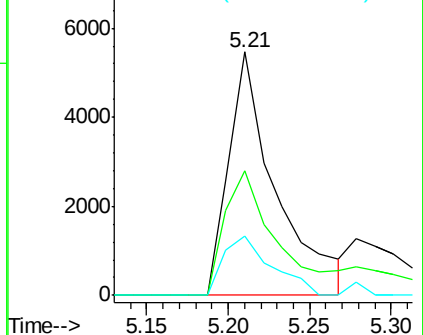
Tot Ion:	112	Resp:	10934
Ion	Ratio	Lower	Upper
112	100		
64	51.3	42.2	63.2
63	24.5	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 1.77 ng

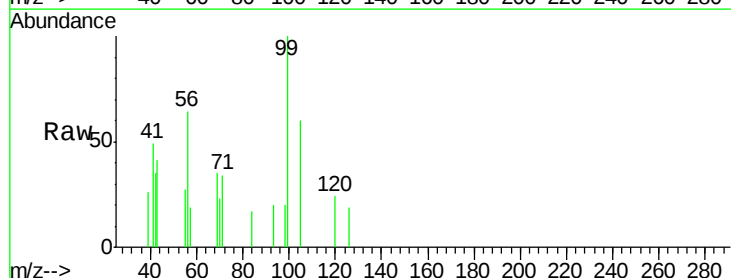
RT: 6.31 min Scan# 413

Delta R.T. 0.05 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

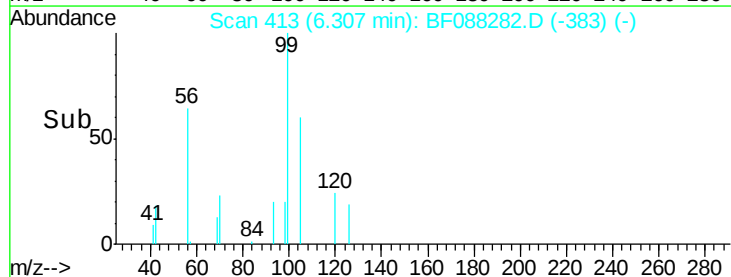
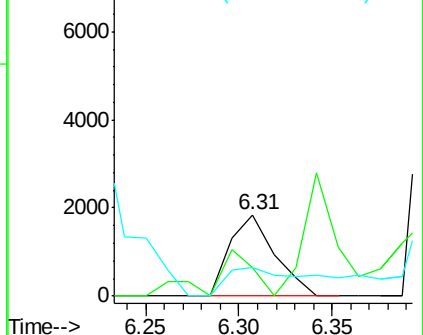
Tgt Ion:	99	Resp:	3107
Ion	Ratio	Lower	Upper
99	100		
42	35.3	12.2	18.2#
71	34.4	23.4	35.0

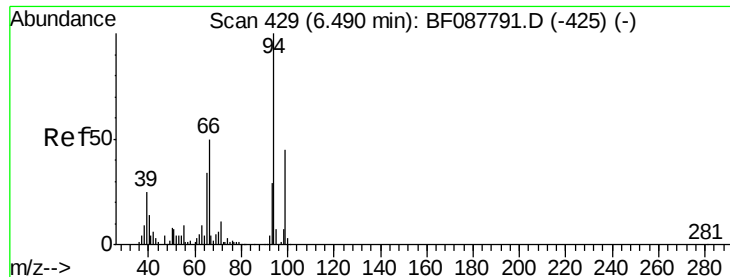


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: Below Cal

RT: 6.34 min Scan# 416

Delta R.T. 0.07 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

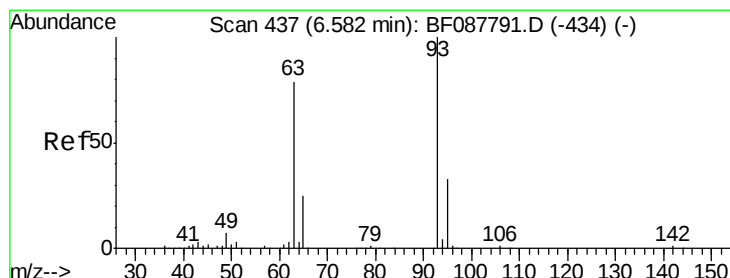
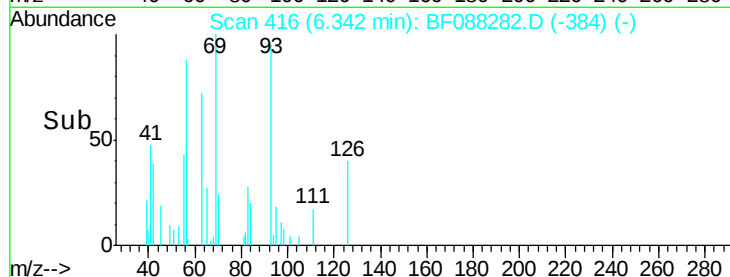
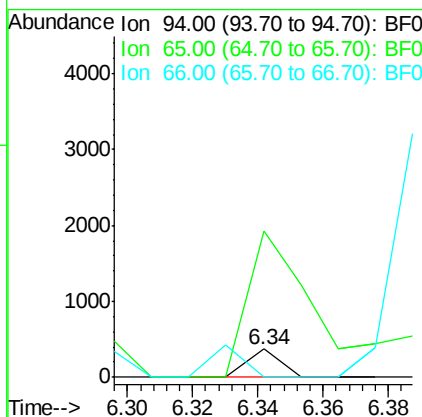
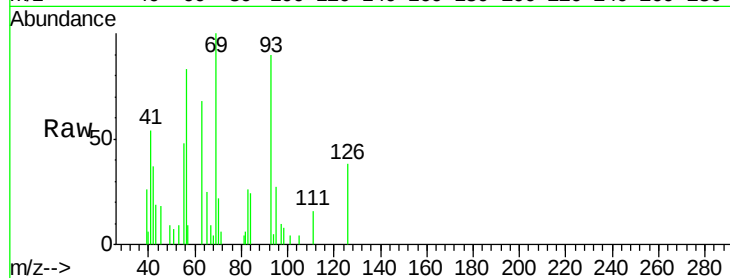
Tot Ion: 94 Resp: 258

Ion Ratio Lower Upper

94 100

65 512.8 5.9 45.9#

66 0.0 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 6.15 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

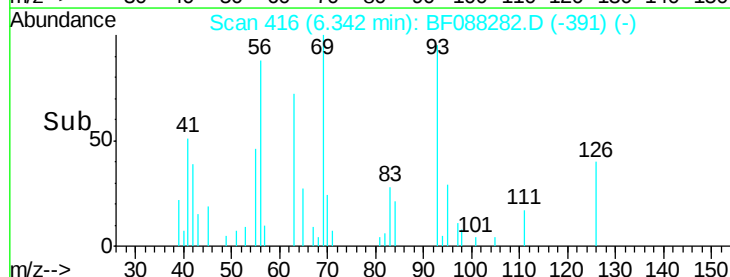
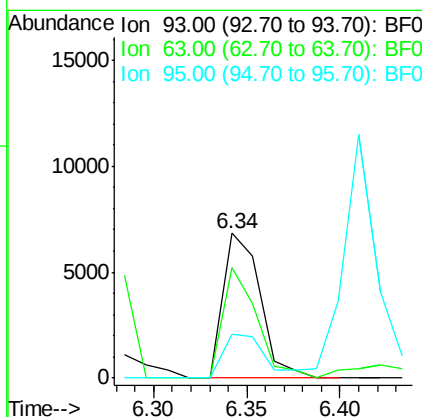
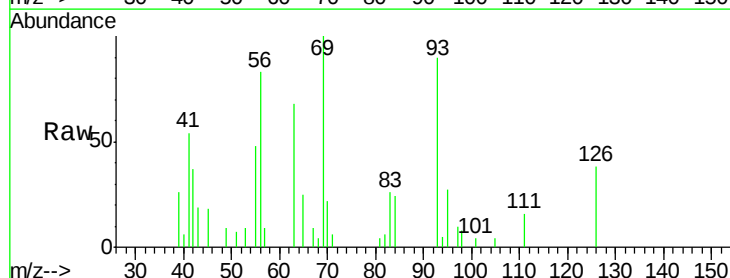
Tgt Ion: 93 Resp: 9469

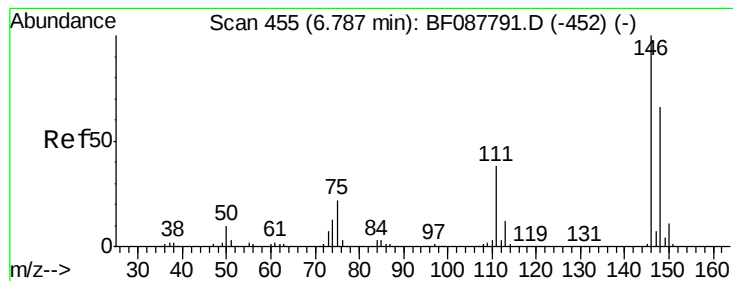
Ion Ratio Lower Upper

93 100

63 75.8 67.6 107.6

95 30.6 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 151.98 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampled :

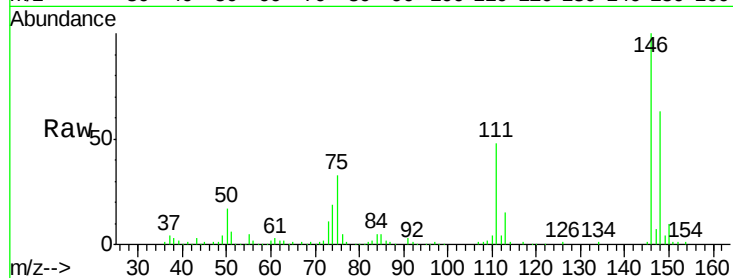
Tot Ion:146 Resp: 279851

Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

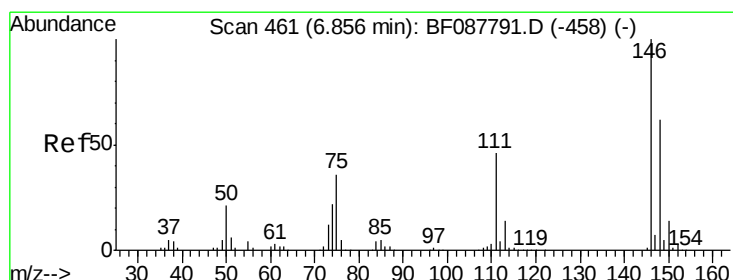
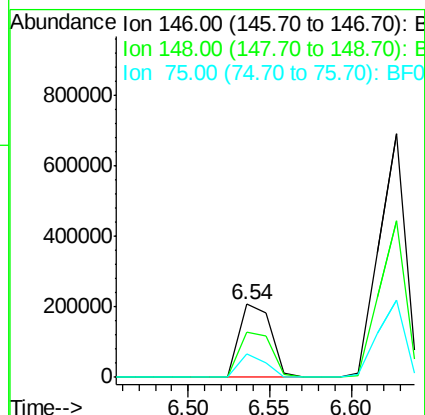
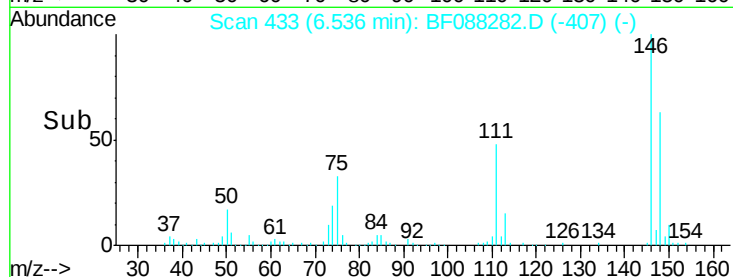
75 33.1 25.6 38.4



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: 421.84 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

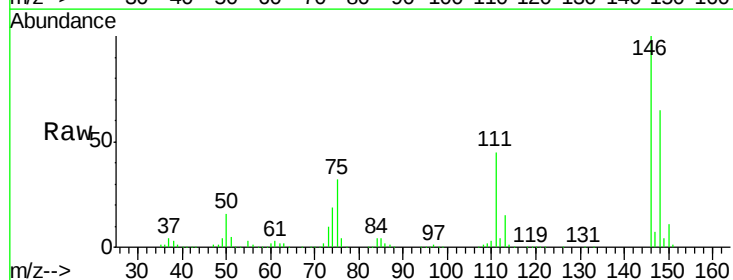
Tgt Ion:146 Resp: 782460

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

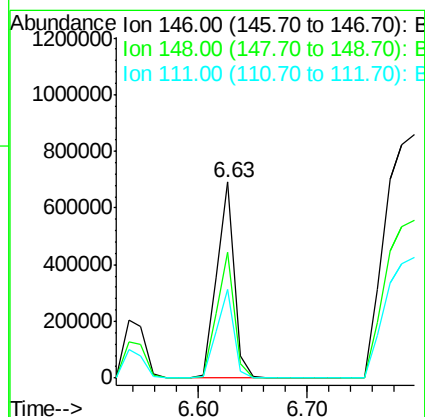
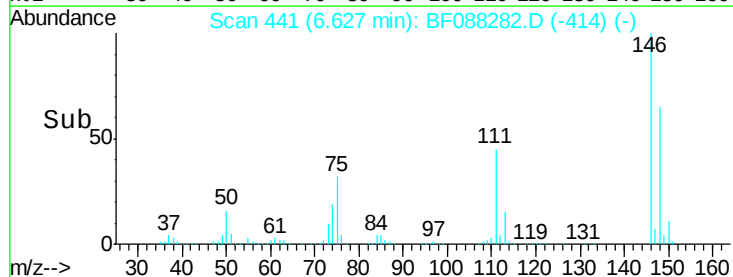
111 45.3 33.8 50.8

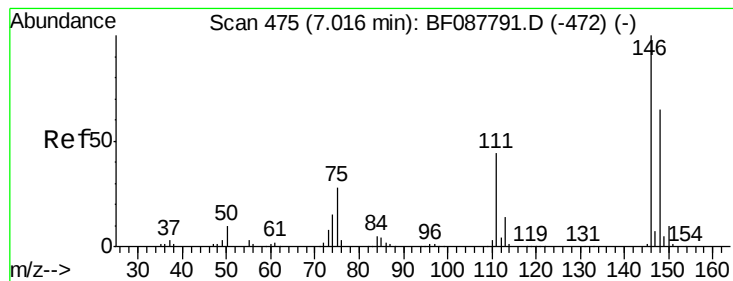


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 1619.79 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.03 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampled :

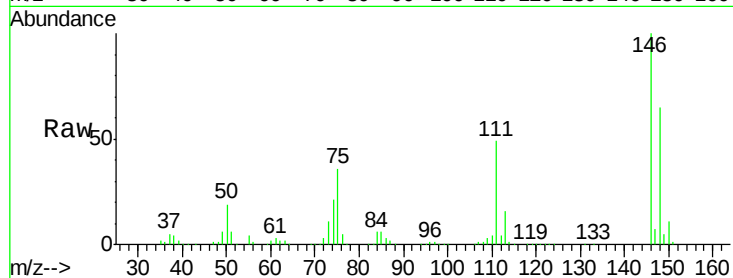
Tot Ion:146 Resp: 2732401

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

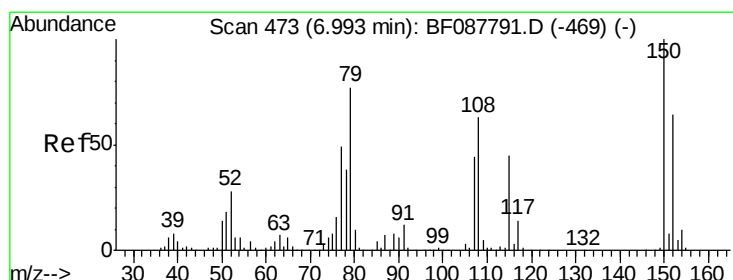
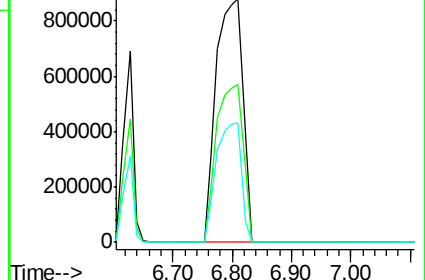
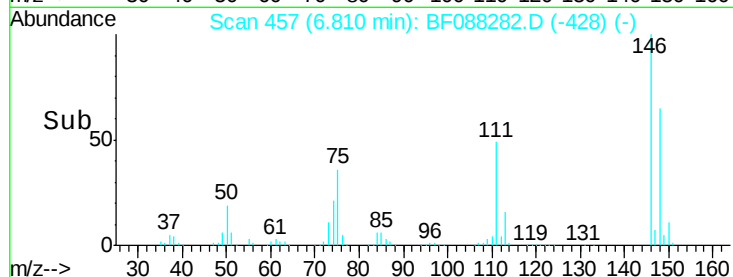
111 49.2 28.7 43.1#



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: 4.65 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.09 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

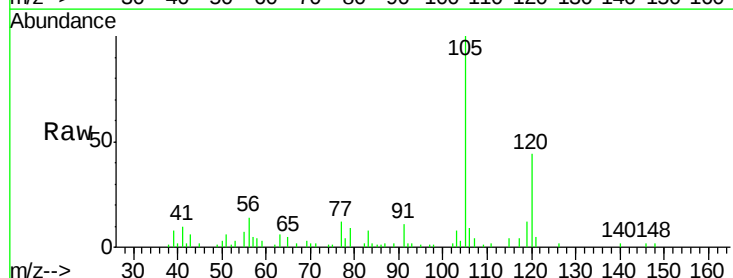
Tgt Ion: 79 Resp: 6395

Ion Ratio Lower Upper

79 100

108 0.0 65.0 97.6#

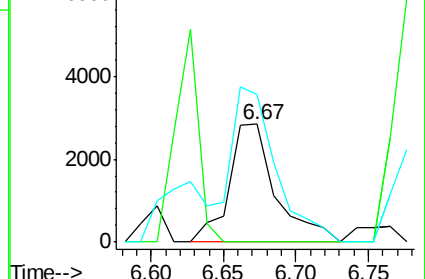
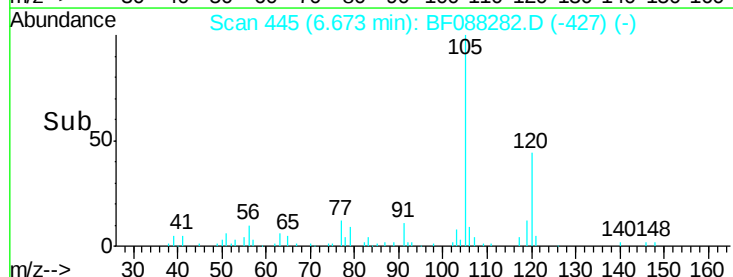
77 125.7 50.3 75.5#

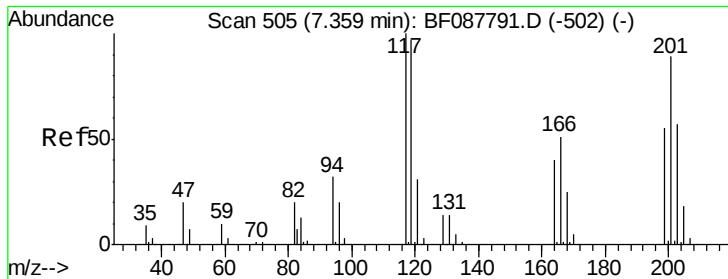


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 7.91 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

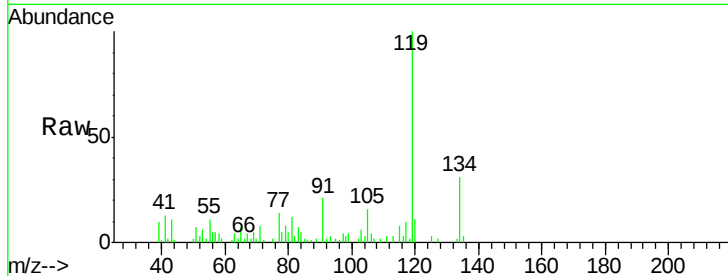
Tot Ion:117 Resp: 5209

Ion Ratio Lower Upper

117 100

119 960.5 77.4 116.2#

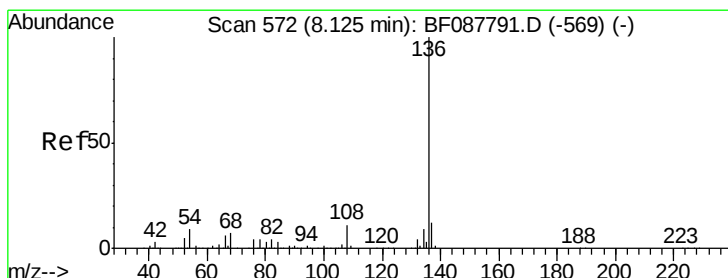
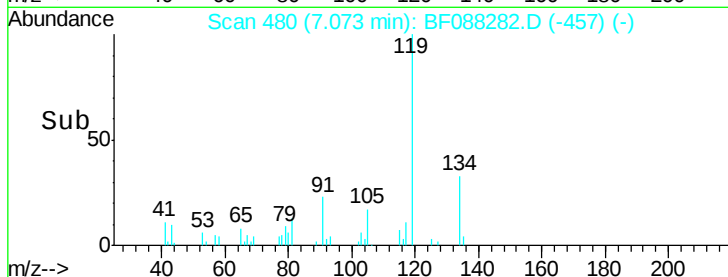
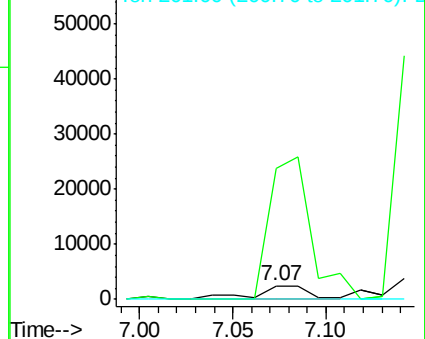
201 0.0 80.4 120.6#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Tgt Ion:136 Resp: 100699

Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.4 6.6 10.0#

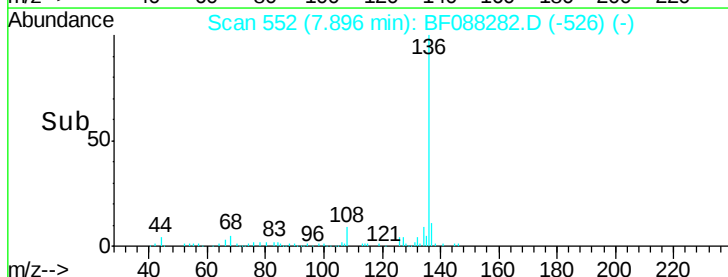
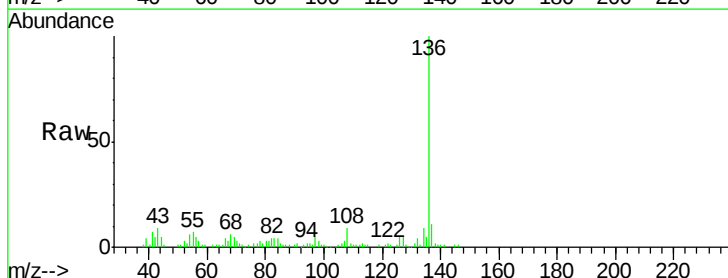
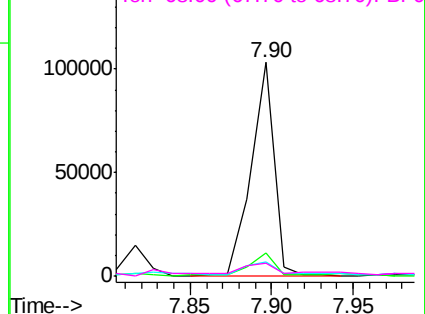
68 5.9 5.1 7.7

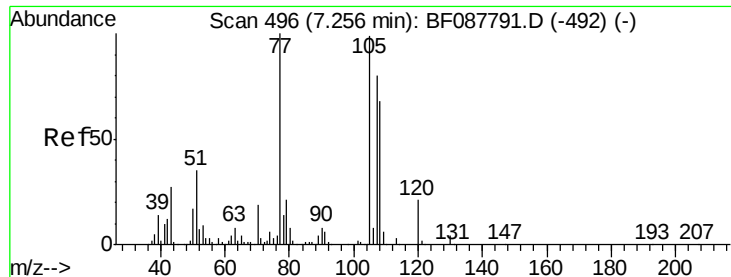
Abundance Ion 136.00 (135.70 to 136.70): E

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

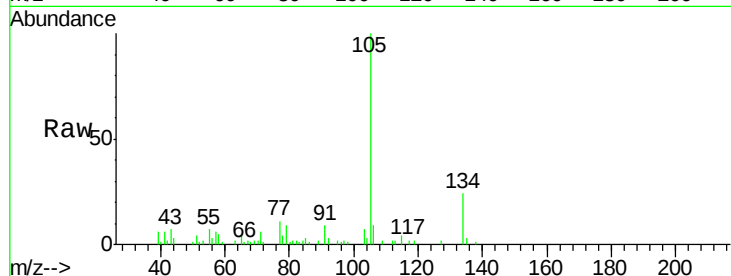




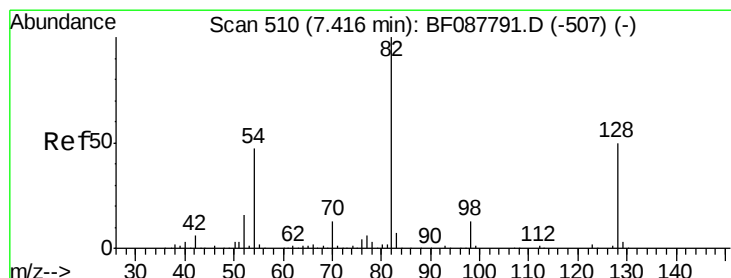
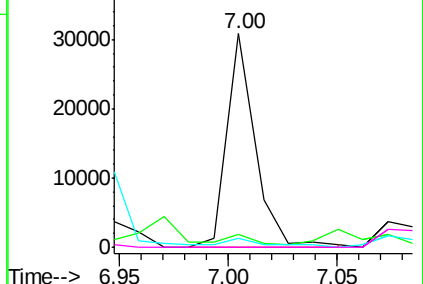
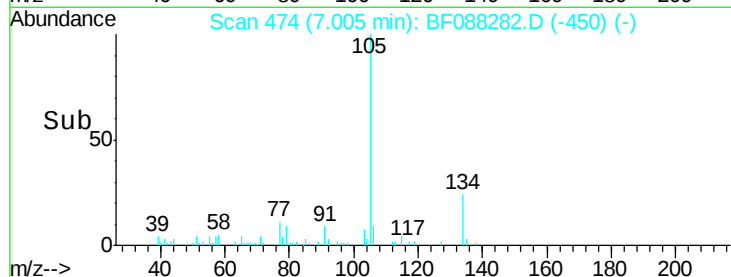
#22
Acetophenone
Concen: 12.32 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 27727
Ion Ratio Lower Upper
105 100
71 5.9 5.3 7.9
51 4.3 18.2 27.4#
120 0.0 18.0 27.0#

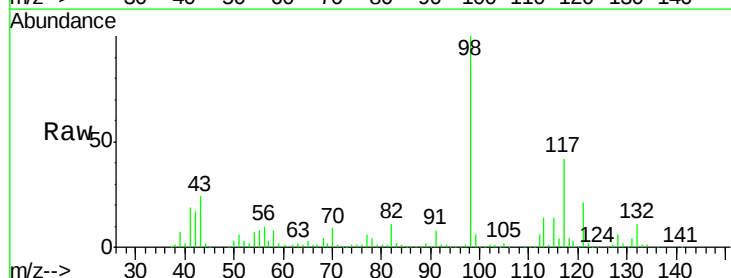


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

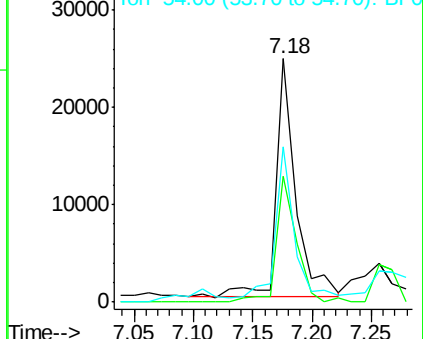
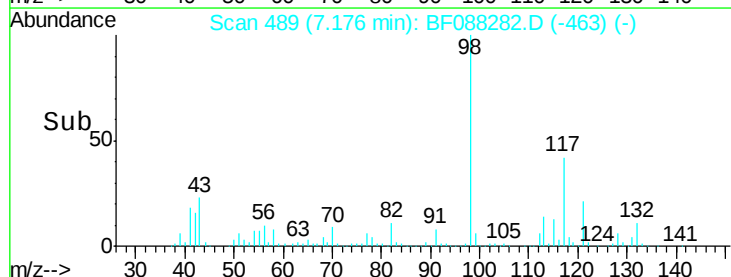


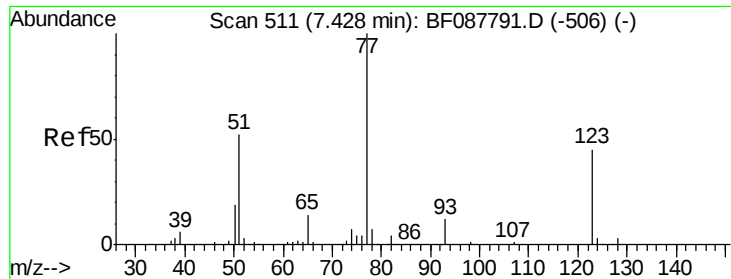
#23
Nitrobenzene-d5
Concen: 16.16 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Tgt Ion: 82 Resp: 27875
Ion Ratio Lower Upper
82 100
128 52.0 35.9 53.9
54 63.6 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: 13.91 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampled :

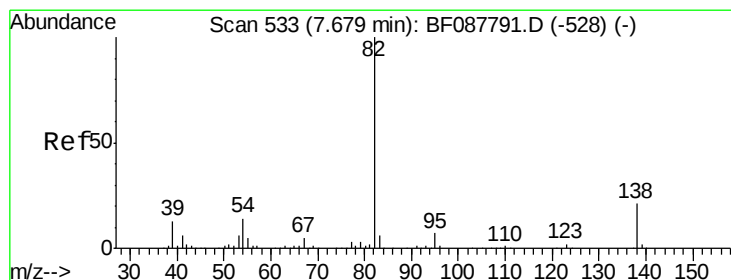
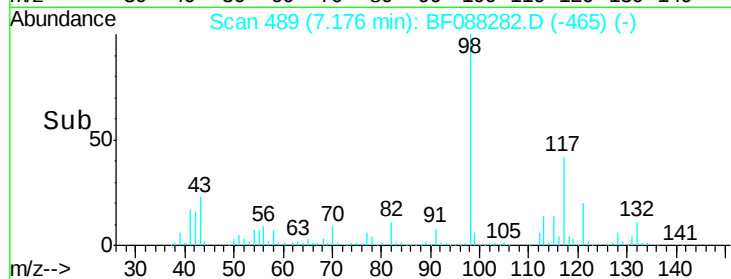
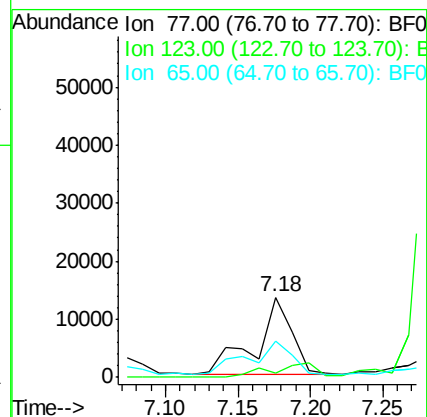
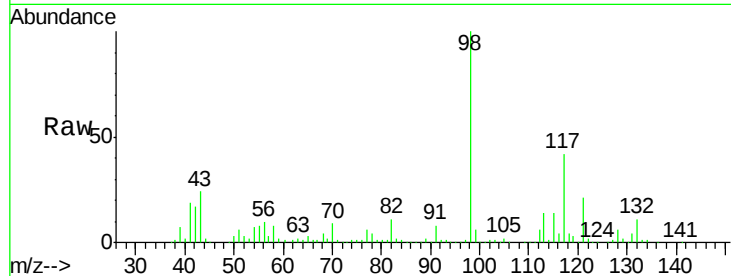
Tot Ion: 77 Resp: 23234

Ion Ratio Lower Upper

77 100

123 5.4 45.0 67.4#

65 44.8 10.2 15.2#



#25

Isophorone

Concen: 2.67 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

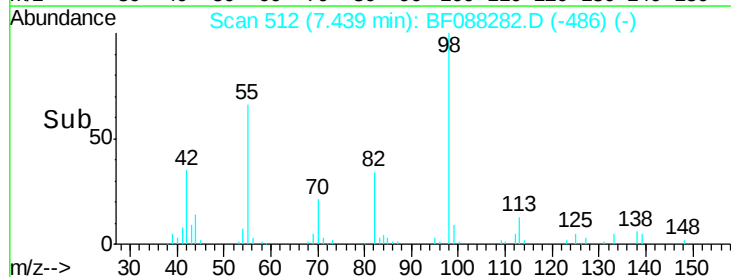
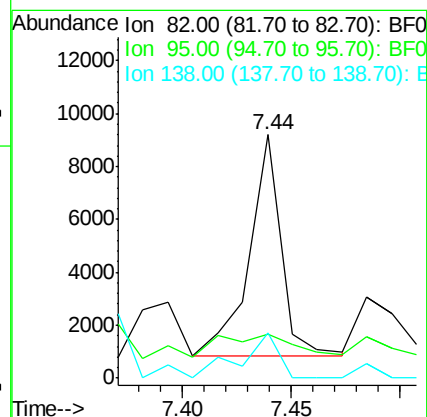
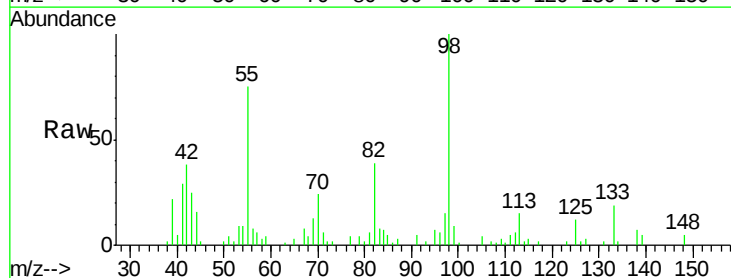
Tgt Ion: 82 Resp: 8528

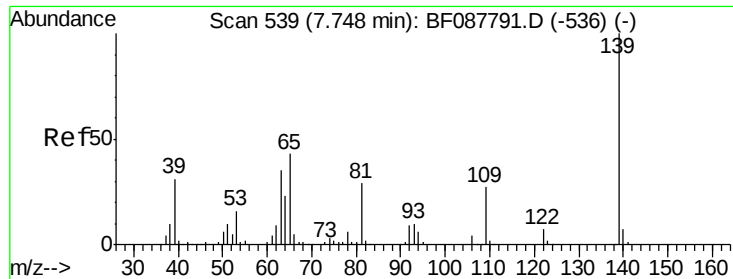
Ion Ratio Lower Upper

82 100

95 18.1 5.4 8.2#

138 18.6 14.6 21.8

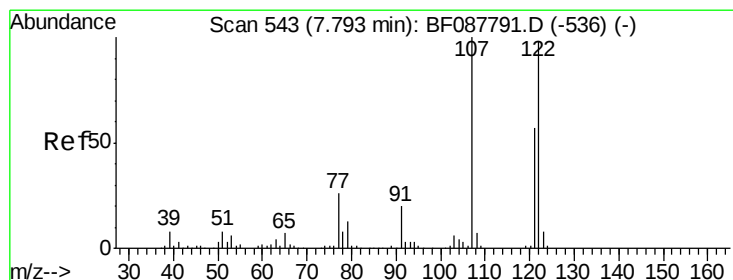
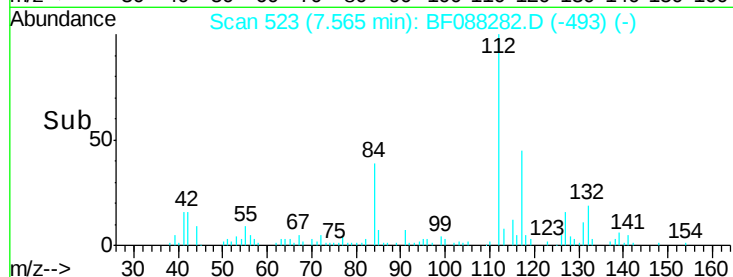
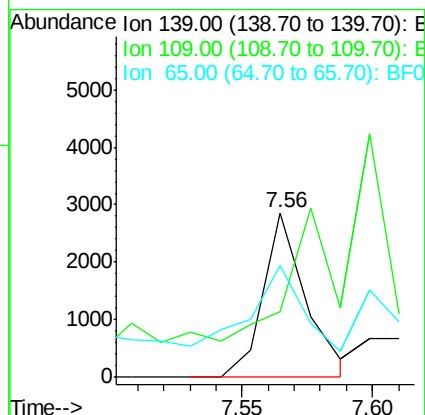
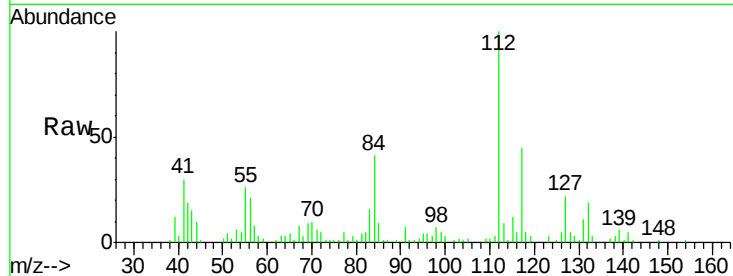




#26
2-Nitrophenol
Concen: 3.62 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.05 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

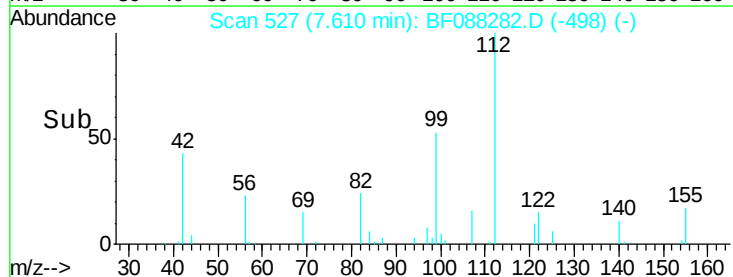
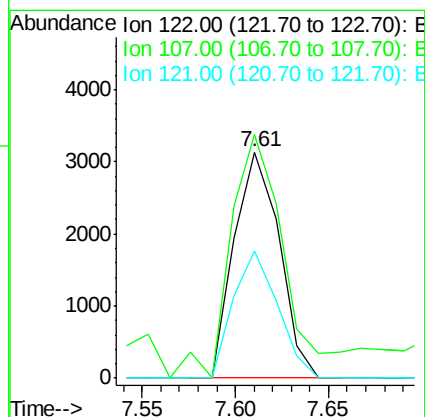
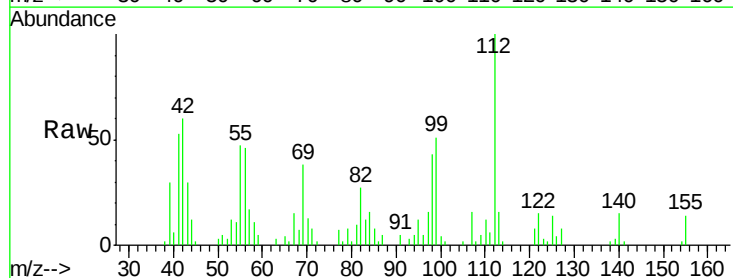
Instrument :
BNA_F
ClientSampleId :

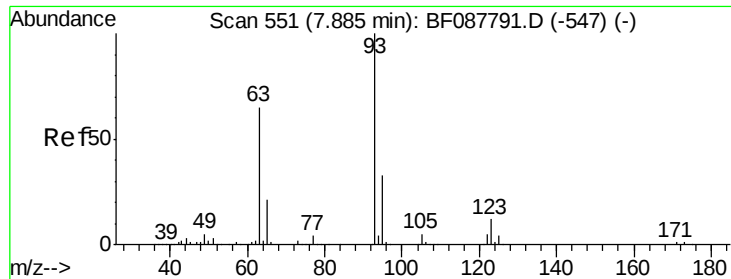
Tot Ion:139 Resp: 3240
Ion Ratio Lower Upper
139 100
109 39.7 23.0 34.4#
65 68.0 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 3.22 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.03 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Tgt Ion:122 Resp: 5301
Ion Ratio Lower Upper
122 100
107 107.8 82.4 123.6
121 56.2 46.3 69.5

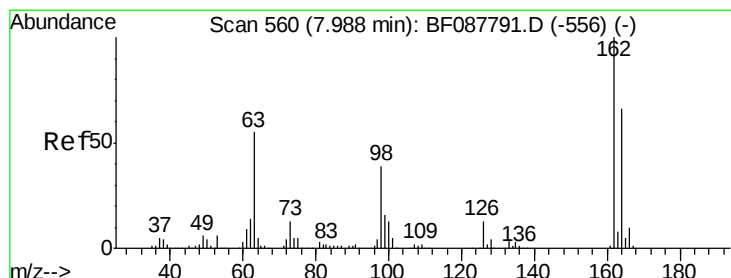
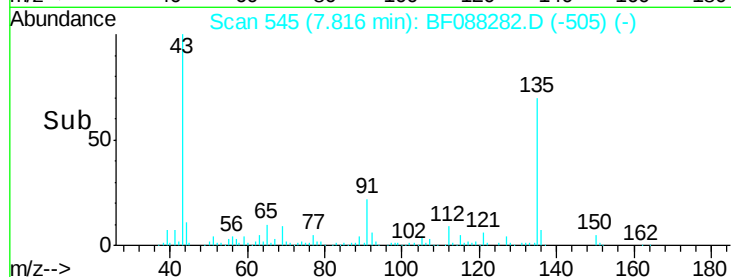
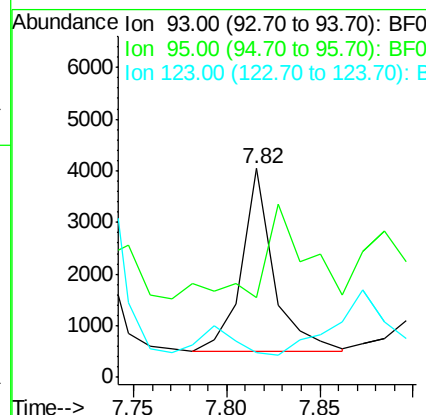
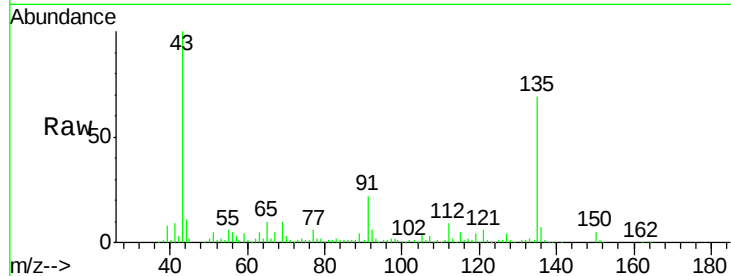




#28
bis(2-Chloroethoxy)methane
Concen: 2.17 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.16 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

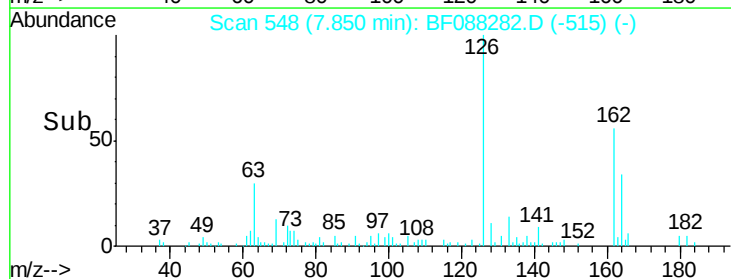
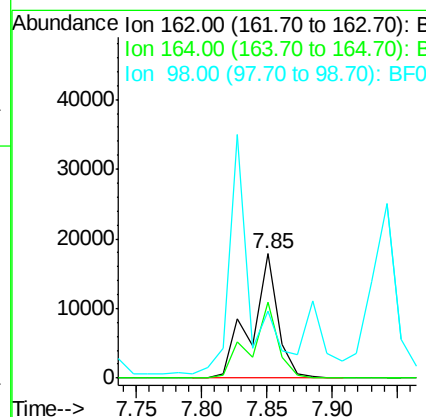
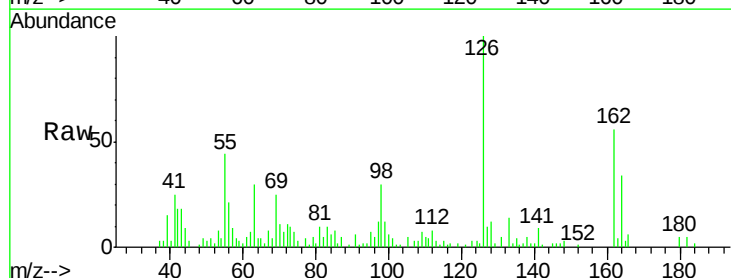
Instrument :
BNA_F
ClientSampled :

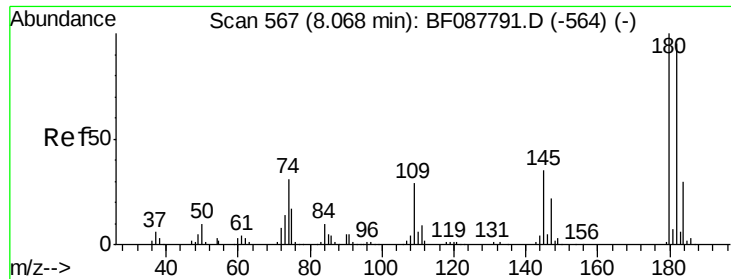
Tot Ion: 93 Resp: 4295
Ion Ratio Lower Upper
93 100
95 38.2 26.5 39.7
123 12.0 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 18.62 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.08 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Tgt Ion: 162 Resp: 25612
Ion Ratio Lower Upper
162 100
164 61.0 43.8 83.8
98 53.4 21.3 61.3

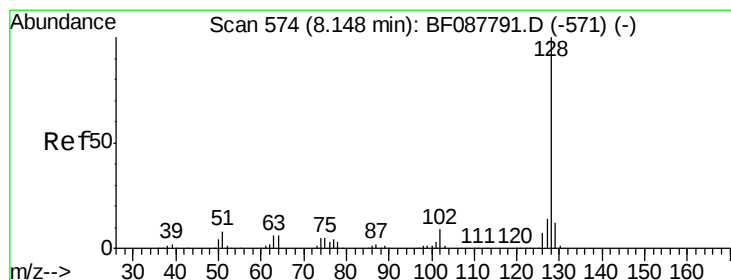
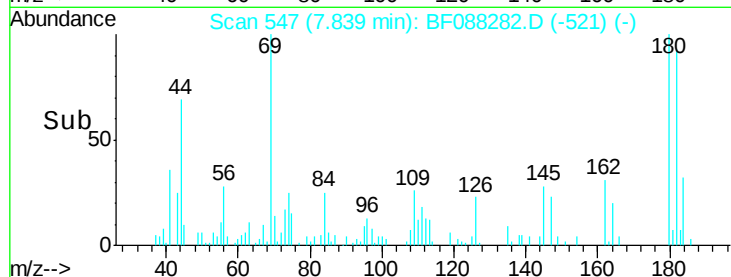
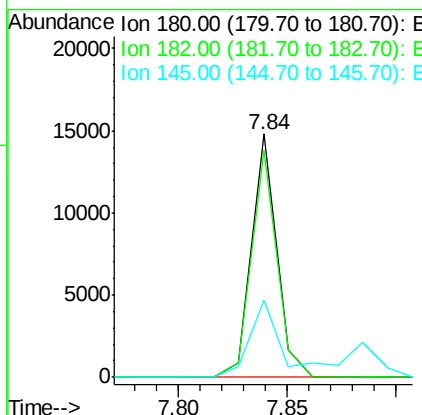
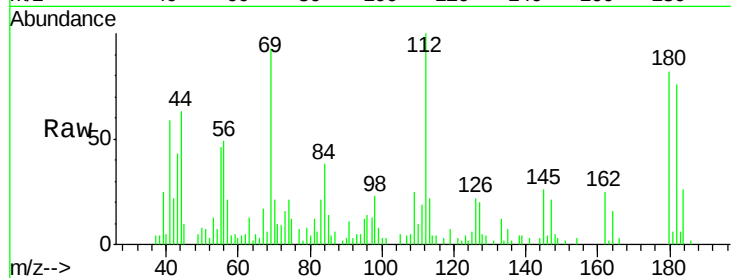




#30
 1,2,4-Trichlorobenzene
 Concen: 7.93 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

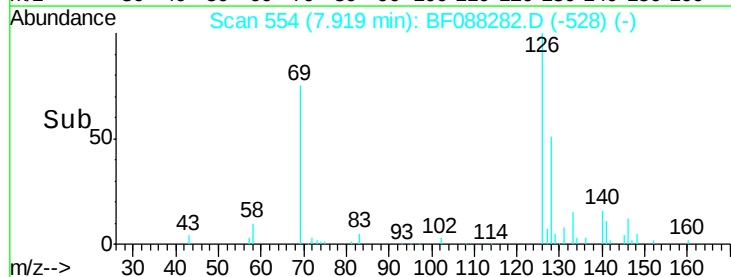
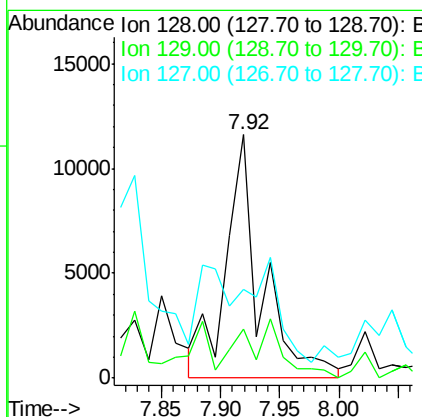
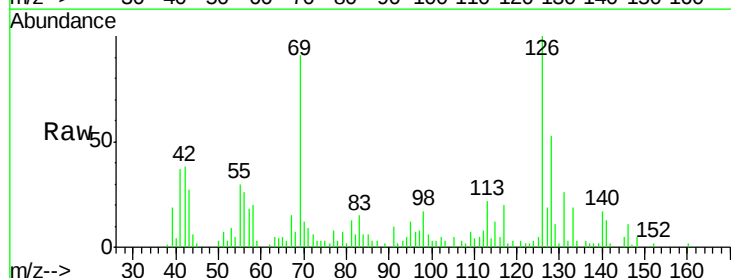
Instrument :
 BNA_F
 ClientSampleId :

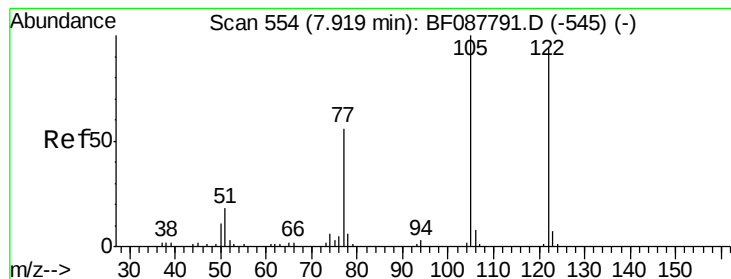
Tot Ion:180 Resp: 11884
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.0 114.0
 145 31.5 26.5 39.7



#31
 Naphthalene
 Concen: 4.81 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

Tgt Ion:128 Resp: 23980
 Ion Ratio Lower Upper
 128 100
 129 20.3 9.4 14.2#
 127 36.3 10.9 16.3#





#32

Benzoic acid

Concen: 38.58 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampled :

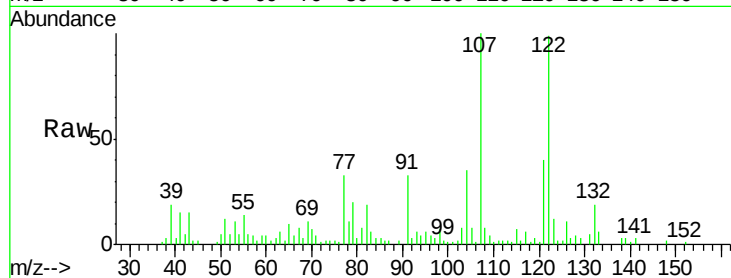
Tot Ion:122 Resp: 35001

Ion Ratio Lower Upper

122 100

105 8.1 101.6 141.6#

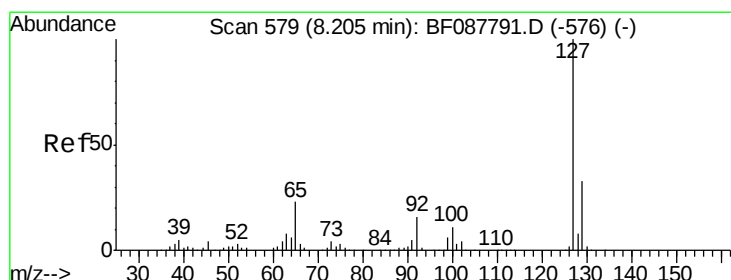
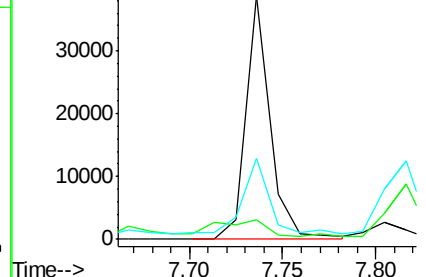
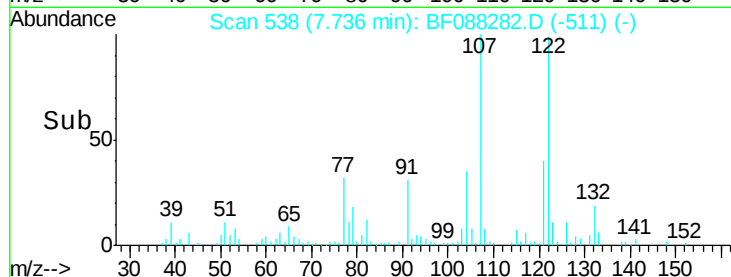
77 33.2 70.6 110.6#



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: 2.43 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.07 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Tgt Ion:127 Resp: 5399

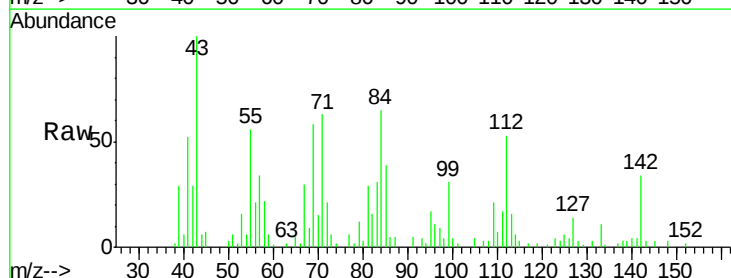
Ion Ratio Lower Upper

127 100

129 10.7 26.3 39.5#

65 36.9 24.7 37.1

92 0.0 15.4 23.0#

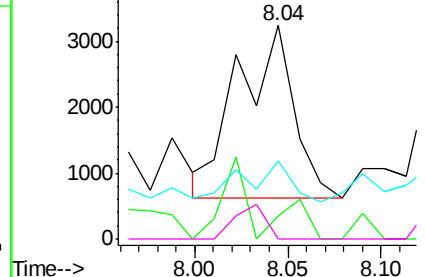
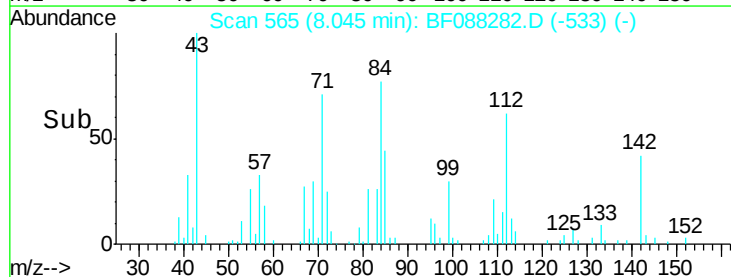


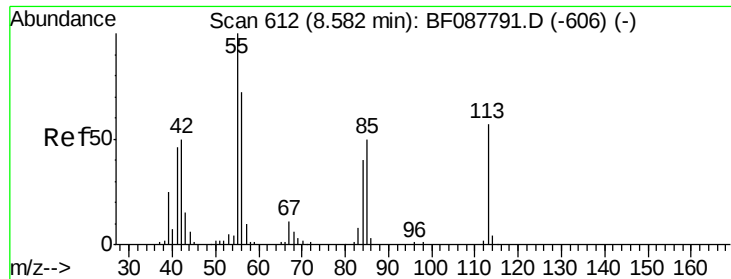
Abundance Ion 127.00 (126.70 to 127.70): E

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

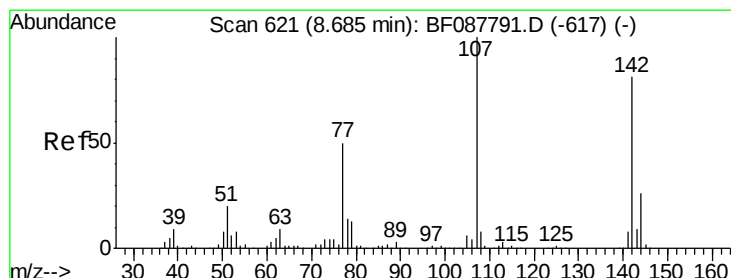
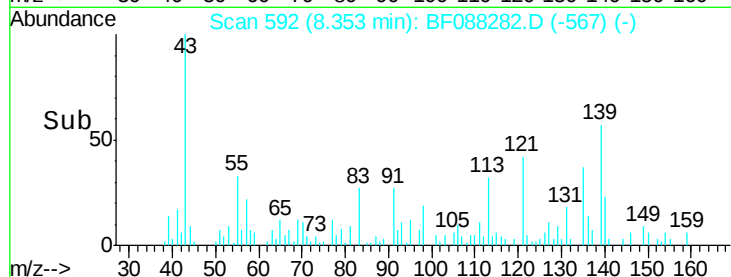
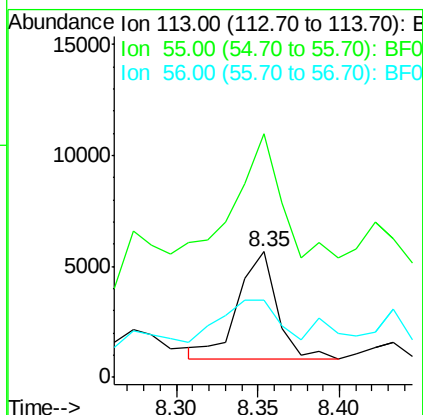
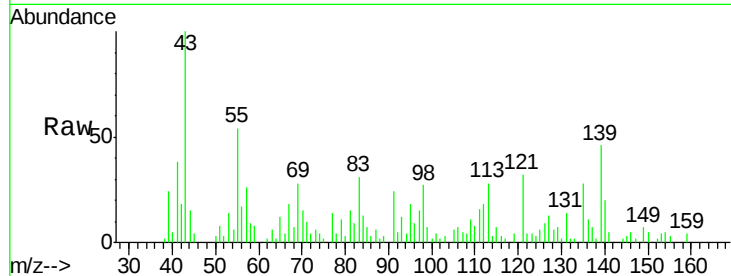




#35
 Caprolactam
 Concen: 17.37 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

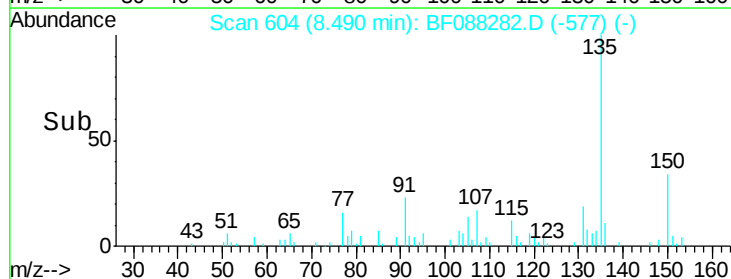
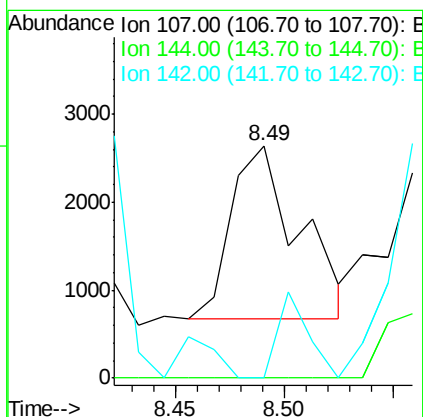
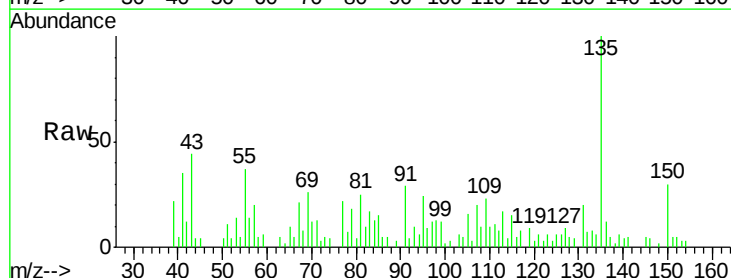
Instrument :
 BNA_F
 ClientSampled :

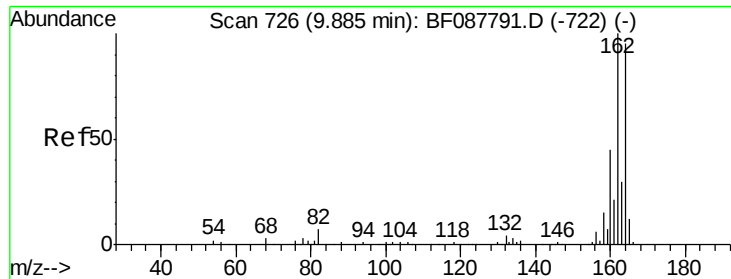
Tot Ion:113 Resp: 7916
 Ion Ratio Lower Upper
 113 100
 55 193.6 158.6 198.6
 56 61.7 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 2.89 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

Tgt Ion:107 Resp: 4257
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.8 31.2#
 142 0.0 63.4 95.2#

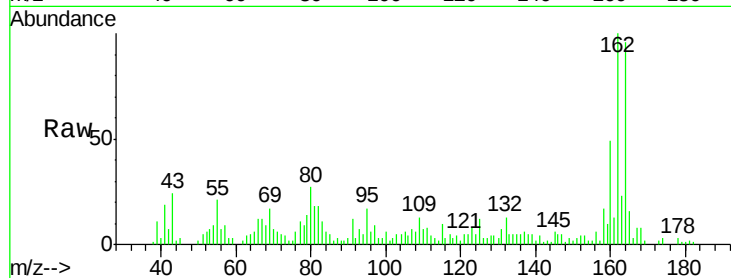




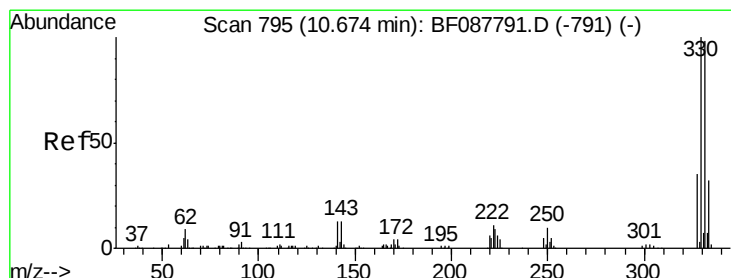
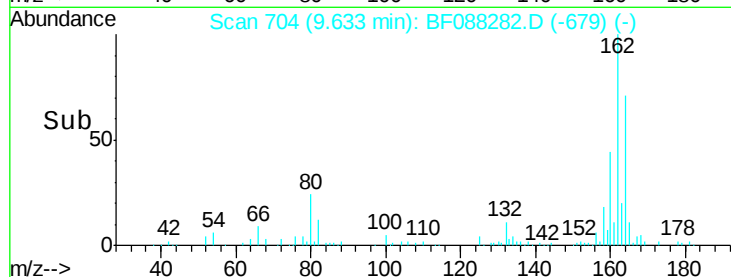
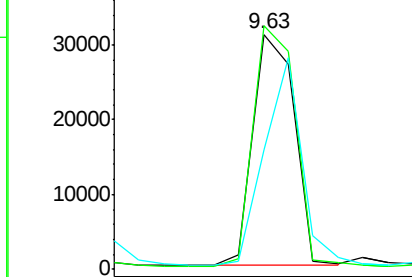
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 40977
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.2
160 51.0 39.5 59.3

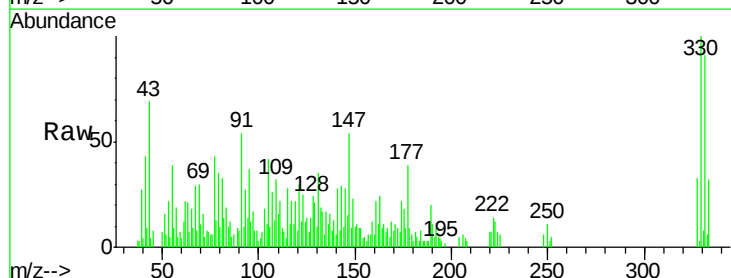


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

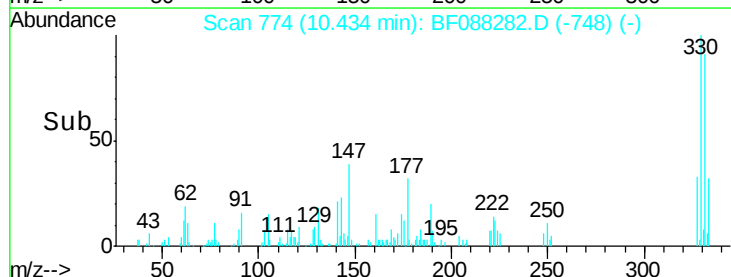
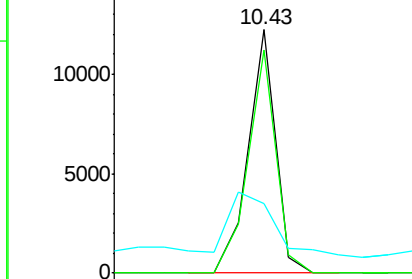


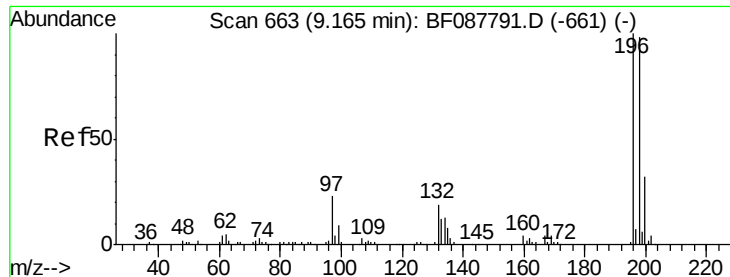
#41
2,4,6-Tribromophenol
Concen: 24.71 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Tgt Ion:330 Resp: 10692
Ion Ratio Lower Upper
330 100
332 93.4 0.0 0.0#
141 45.6 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

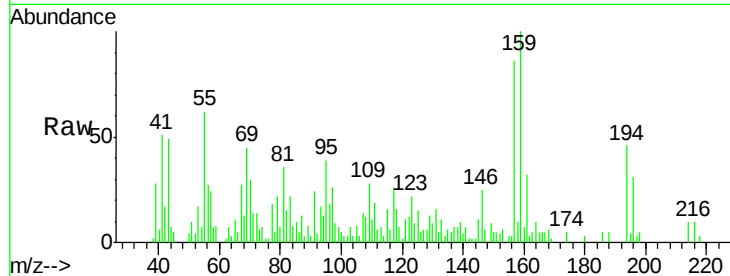




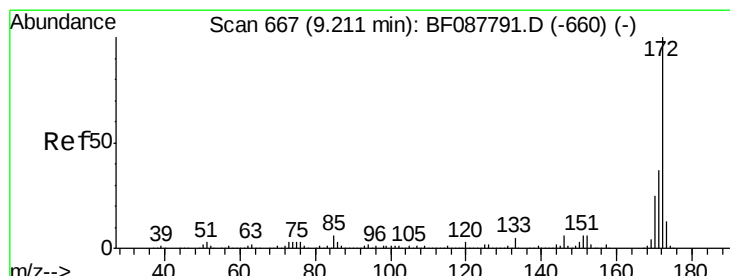
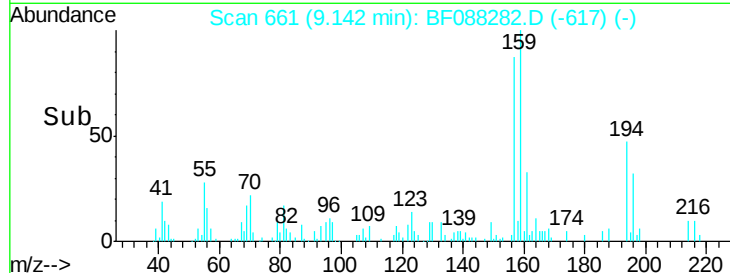
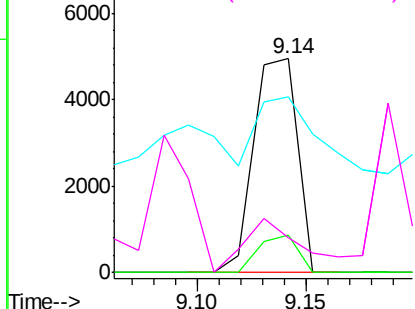
#43
 2,4,5-Trichlorophenol
 Concen: 8.16 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 6960
 Ion Ratio Lower Upper
 196 100
 198 17.2 77.5 116.3#
 97 82.1 32.0 48.0#
 132 16.0 20.9 31.3#

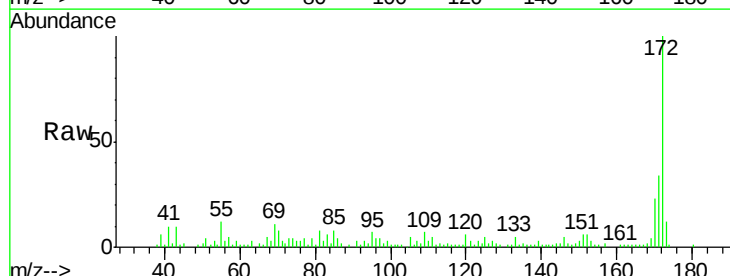


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

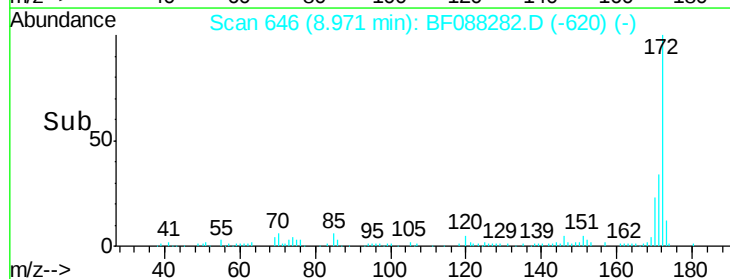
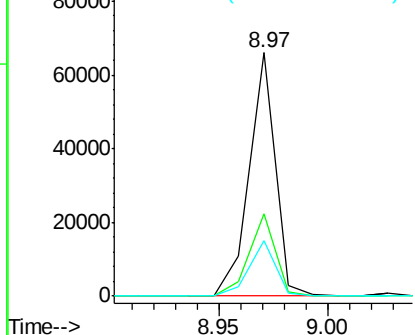


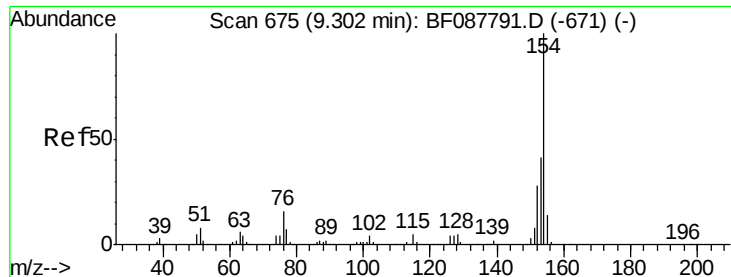
#44
 2-Fluorobiphenyl
 Concen: 16.71 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088282.D
 Acq: 23 Jun 2016 8:26

Tgt Ion:172 Resp: 55185
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.6 43.0
 170 22.5 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 2.53 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

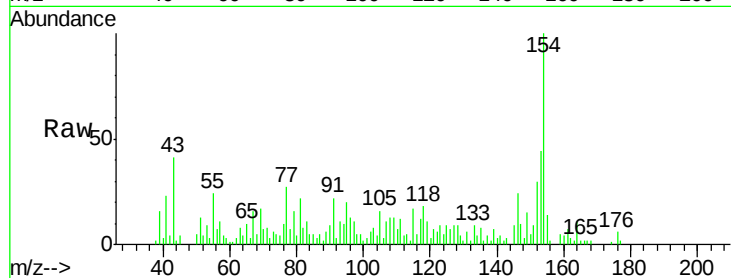
Tot Ion:154 Resp: 25805

Ion Ratio Lower Upper

154 100

153 43.7 20.6 60.6

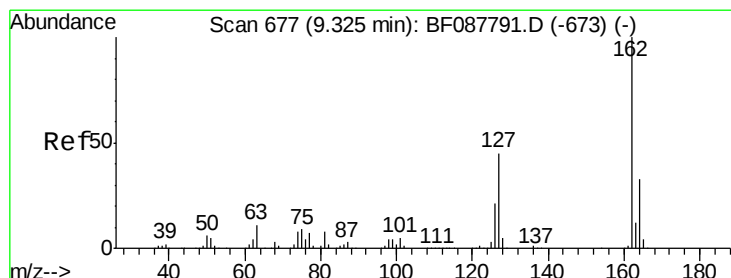
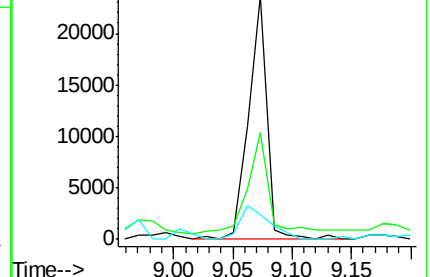
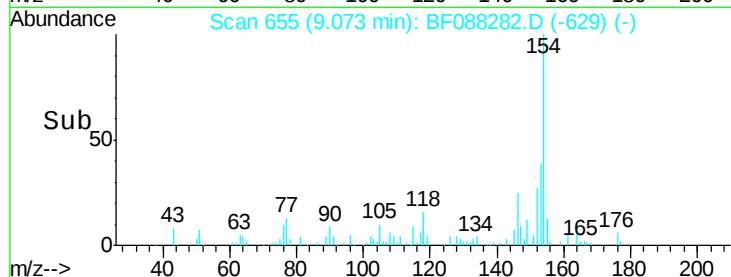
76 10.1 0.0 35.1



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: 2.46 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.22 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

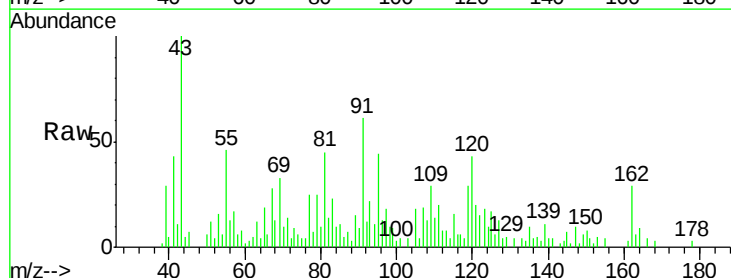
Tgt Ion:162 Resp: 6536

Ion Ratio Lower Upper

162 100

127 44.9 35.2 52.8

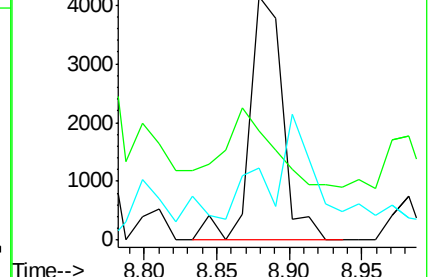
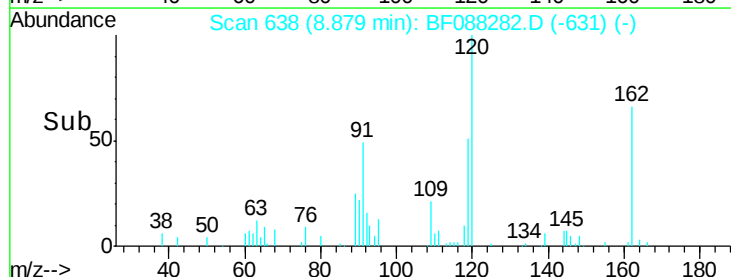
164 29.5 26.6 39.8

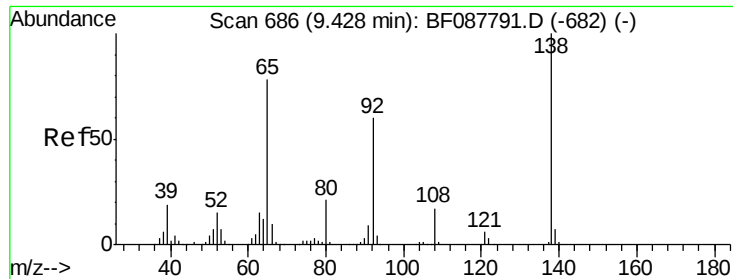


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 6.06 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF088282.D

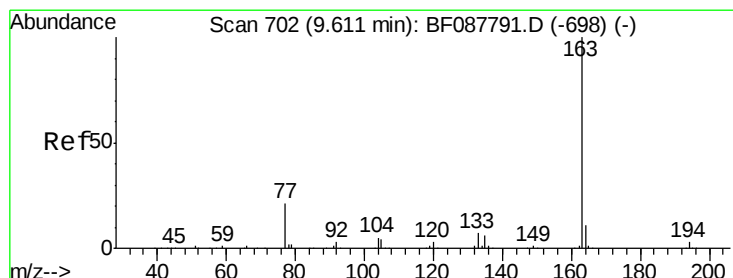
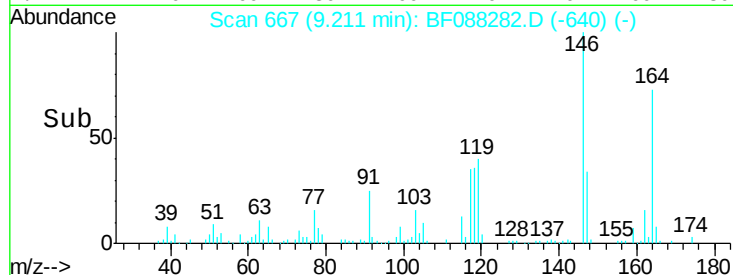
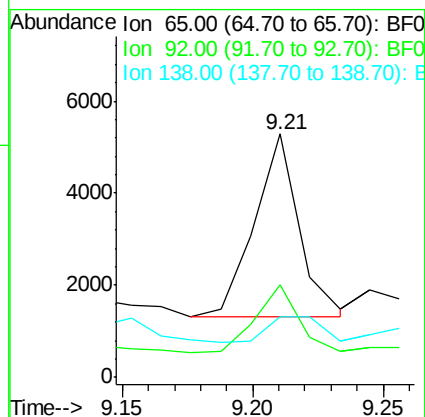
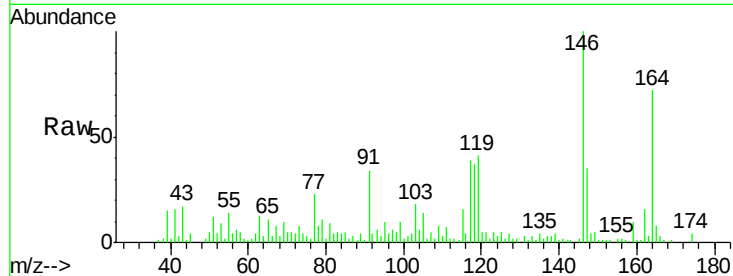
Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	65	Resp:	4737
Ion	Ratio	Lower	Upper
65	100		
92	37.8	54.6	82.0#
138	25.1	77.0	115.4#



#49

Dimethylphthalate

Concen: 2.88 ng

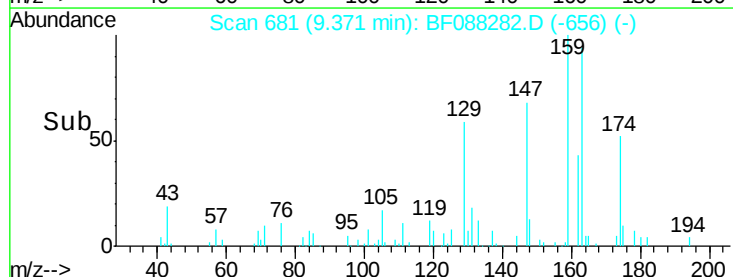
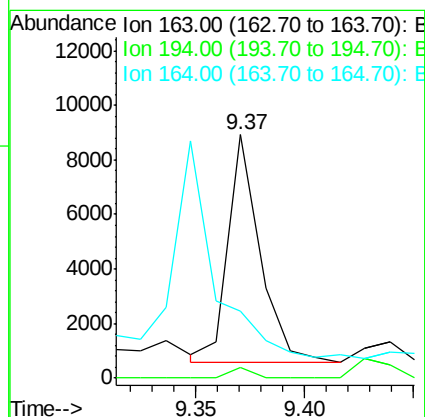
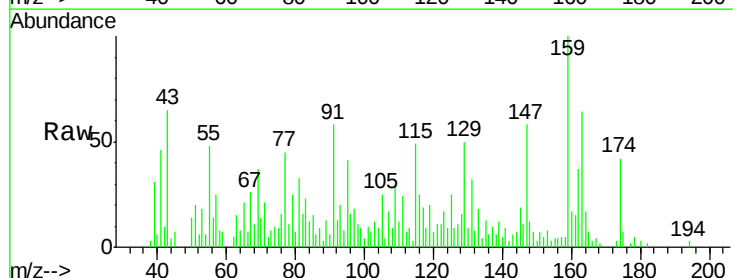
RT: 9.37 min Scan# 681

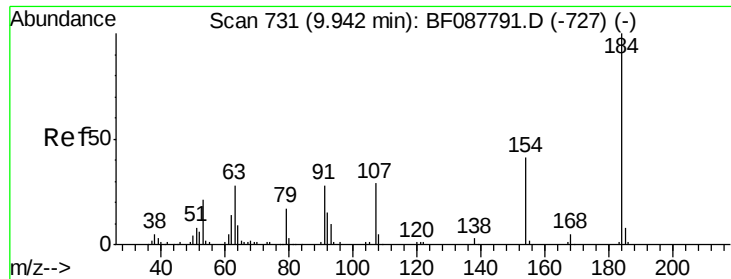
Delta R.T. -0.01 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Tgt Ion:	163	Resp:	8537
Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	27.3	8.3	12.5#

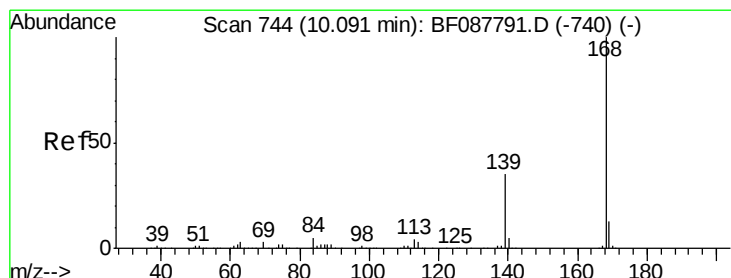
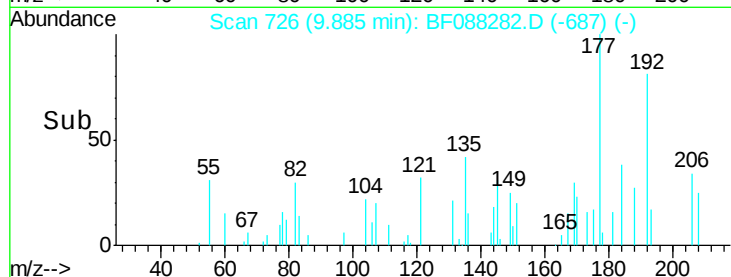
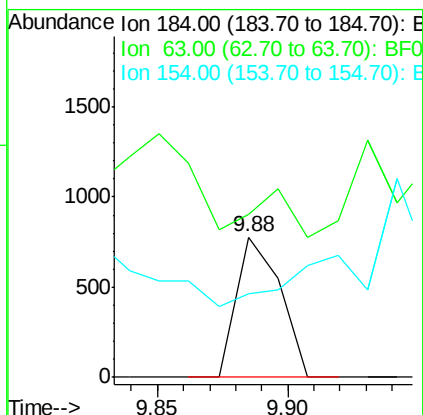
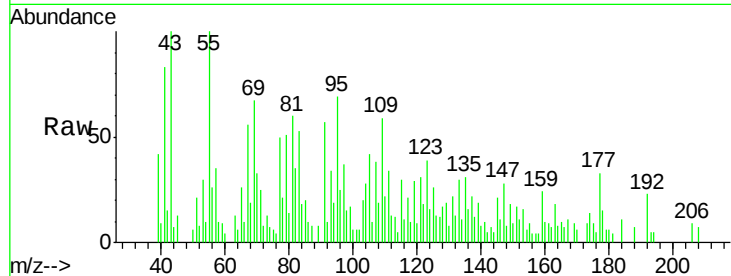




#53
2,4-Dinitrophenol
Concen: 6.06 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.15 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

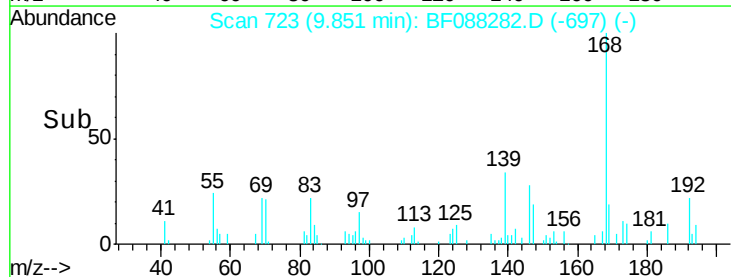
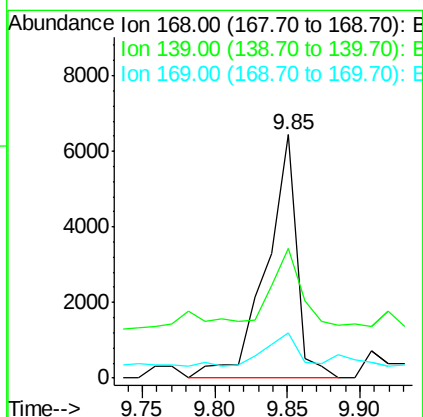
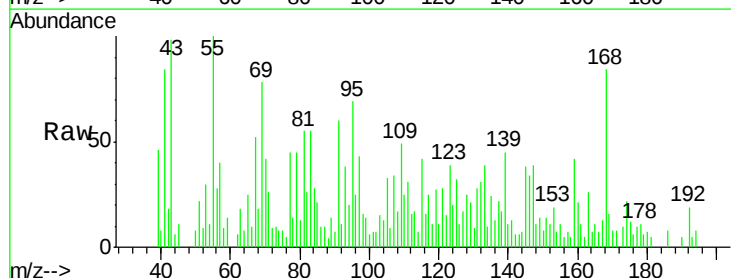
Instrument :
BNA_F
ClientSampleId :

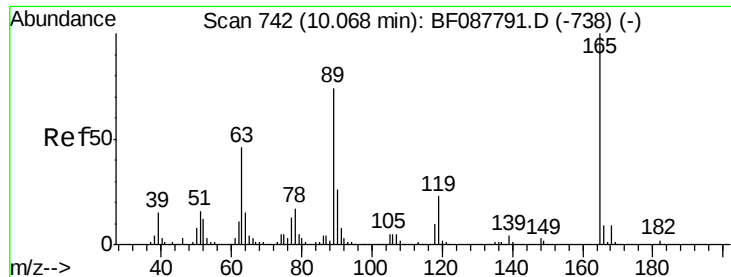
Tot Ion:184 Resp: 911
Ion Ratio Lower Upper
184 100
63 116.3 57.6 86.4#
154 59.6 53.5 80.3



#54
Dibenzofuran
Concen: 2.60 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Tgt Ion:168 Resp: 9434
Ion Ratio Lower Upper
168 100
139 53.4 26.4 39.6#
169 18.8 10.4 15.6#

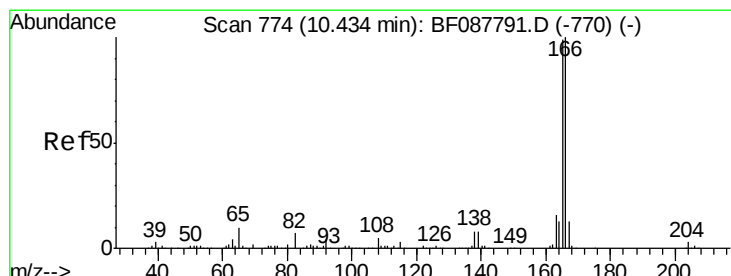
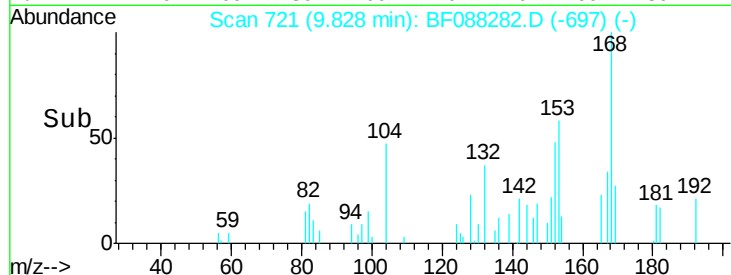
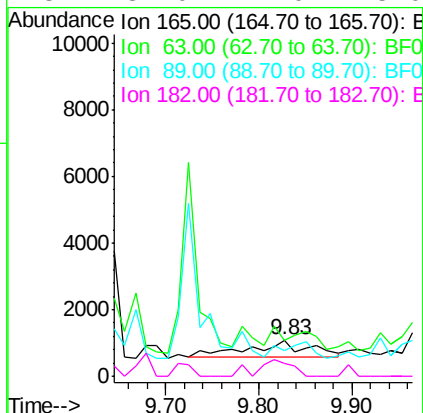
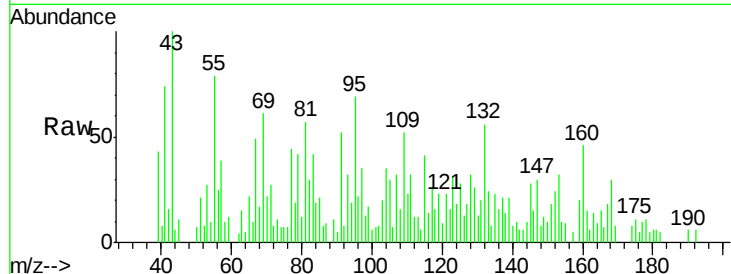




#56
2,4-Dinitrotoluene
Concen: 2.39 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

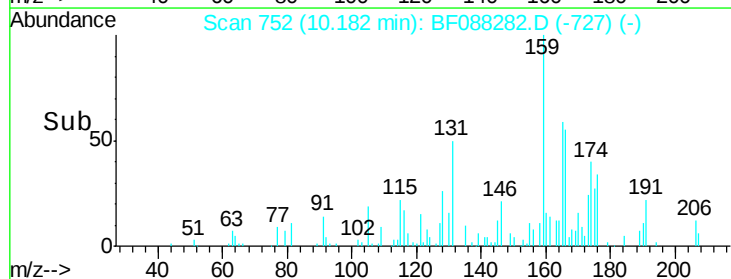
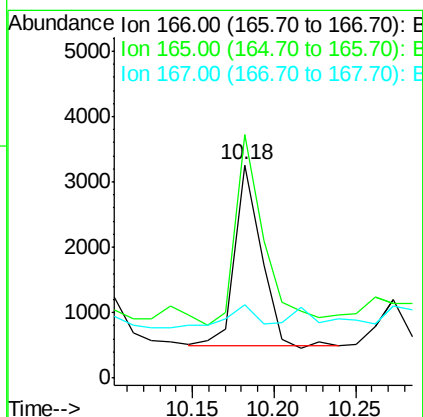
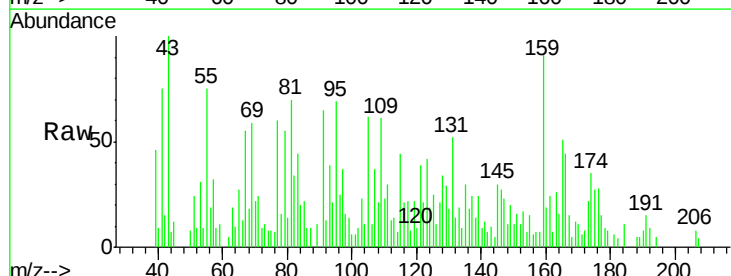
Instrument :
BNA_F
ClientSampled :

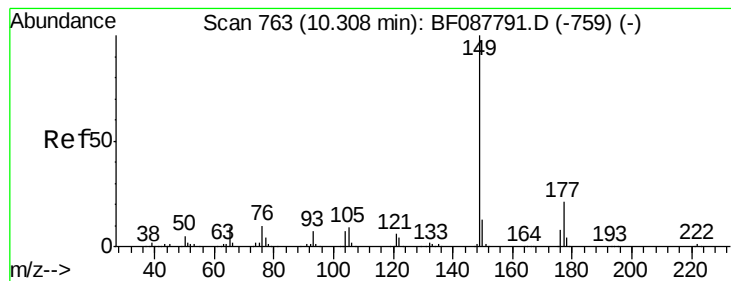
Tot Ion:165 Resp: 2085
Ion Ratio Lower Upper
165 100
63 100.3 22.0 33.0#
89 72.6 41.1 61.7#
182 34.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Tgt Ion:166 Resp: 3058
Ion Ratio Lower Upper
166 100
165 114.3 77.8 116.8
167 34.5 11.2 16.8#





#59

Diethylphthalate

Concen: 2.87 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

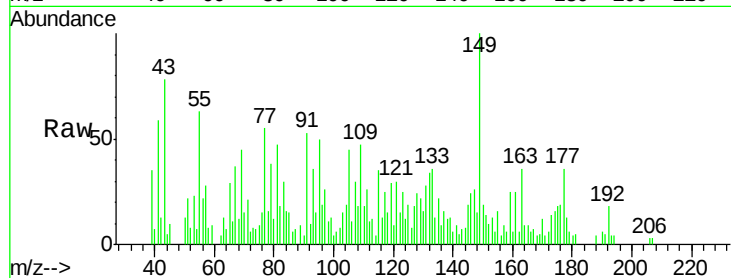
Tot Ion:149 Resp: 8609

Ion Ratio Lower Upper

149 100

177 36.3 16.9 25.3#

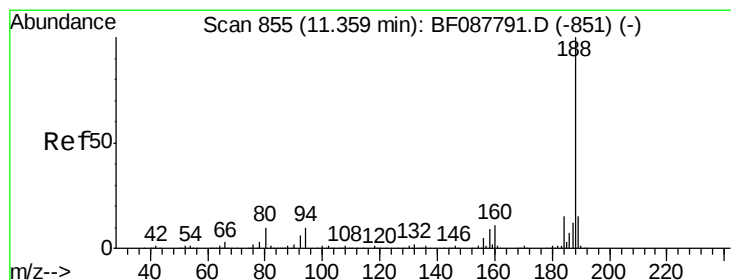
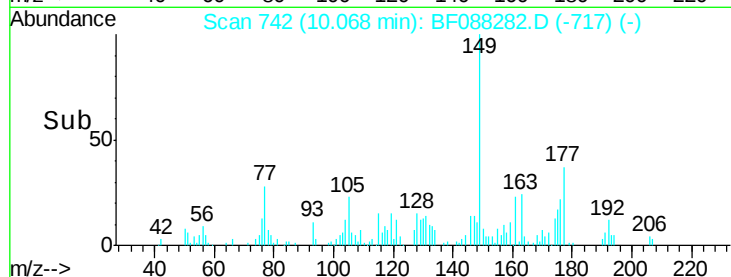
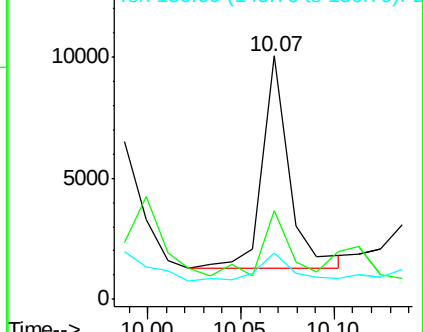
150 19.3 10.1 15.1#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

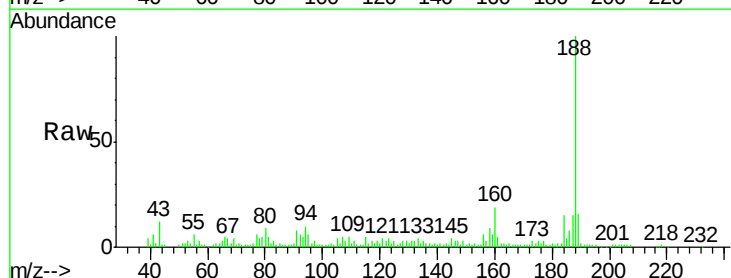
Tgt Ion:188 Resp: 64484

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.6

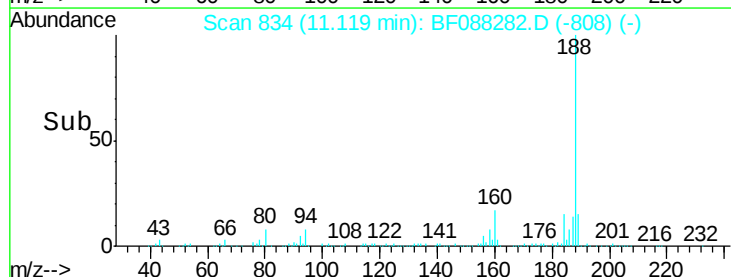
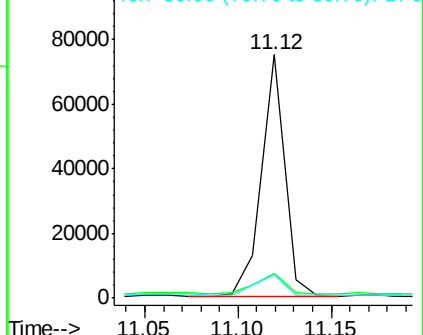
80 9.4 10.0 15.0#

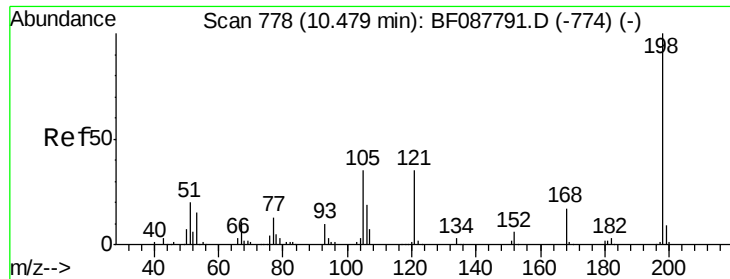


Abundance Ion 188.00 (187.70 to 188.70): E

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: 3.92 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.05 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

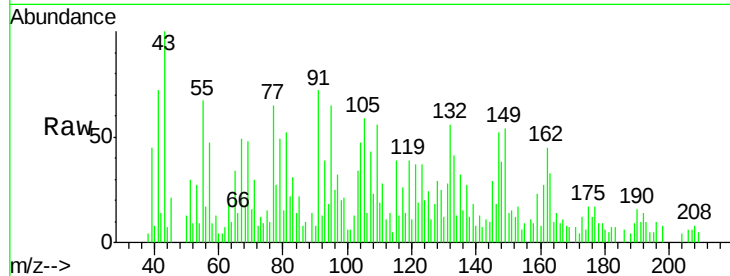
Tot Ion:198 Resp: 742

Ion Ratio Lower Upper

198 100

51 356.9 39.6 79.6#

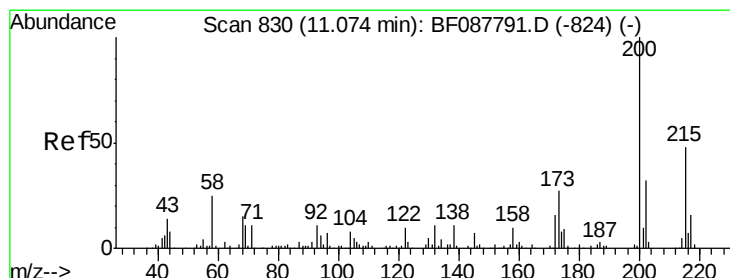
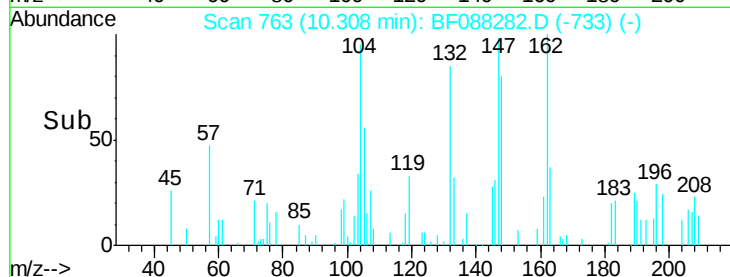
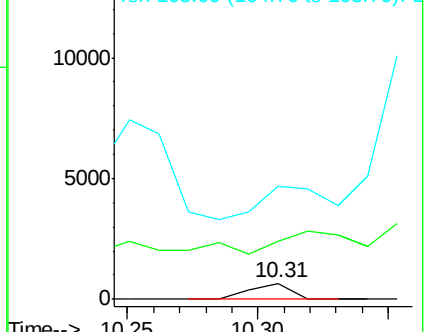
105 694.0 36.6 76.6#



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



#68

Atrazine

Concen: 2.34 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.02 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

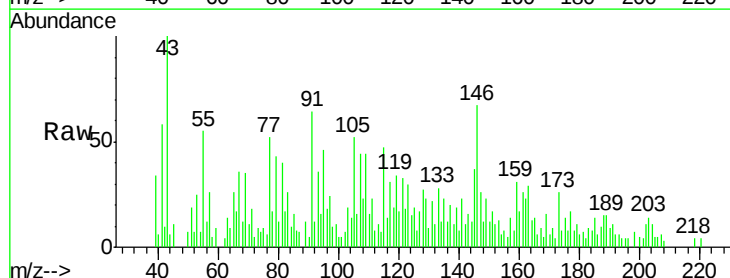
Tgt Ion:200 Resp: 1518

Ion Ratio Lower Upper

200 100

173 557.3 4.0 44.0#

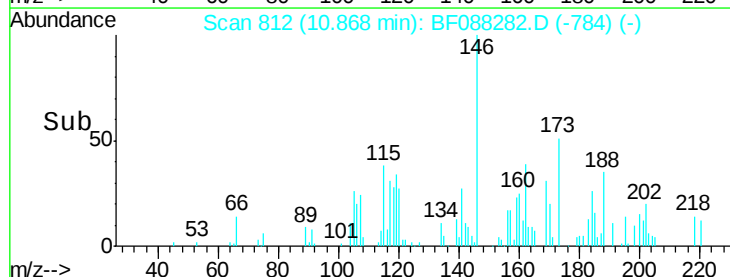
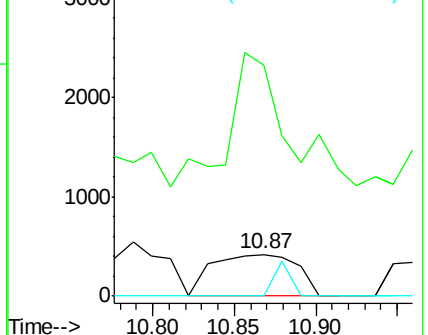
215 0.0 29.3 69.3#

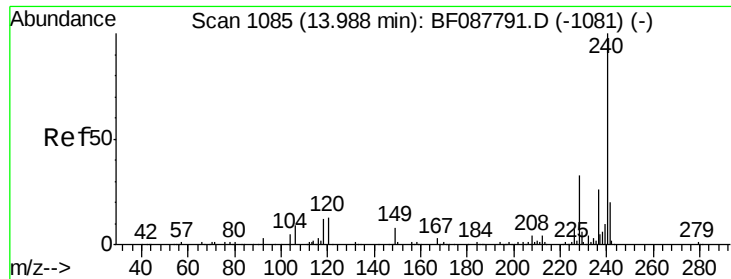


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

Instrument :

BNA_F

ClientSampleId :

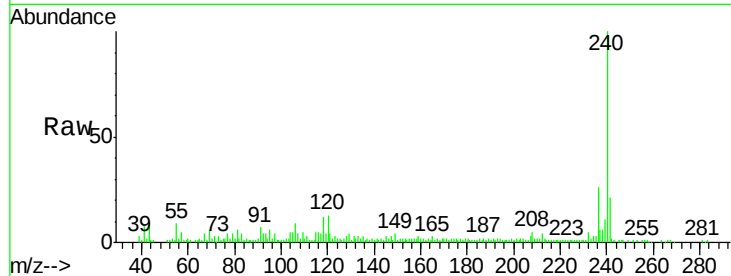
Tot Ion:240 Resp: 57533

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

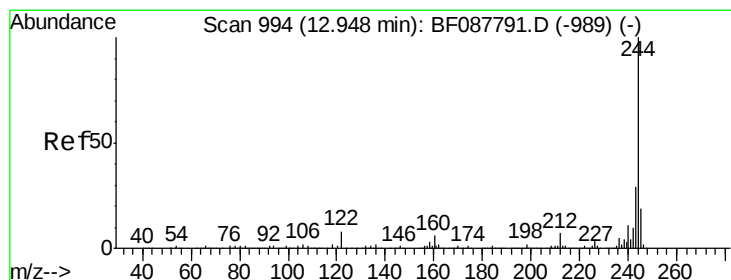
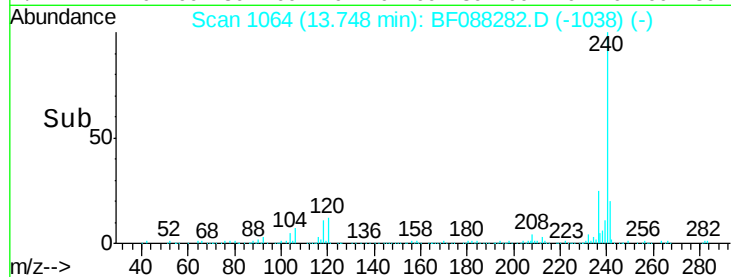
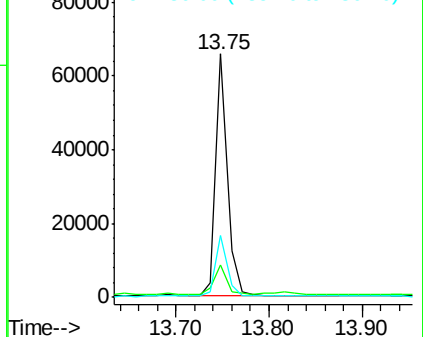
236 25.7 20.2 30.2



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: 15.90 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088282.D

Acq: 23 Jun 2016 8:26

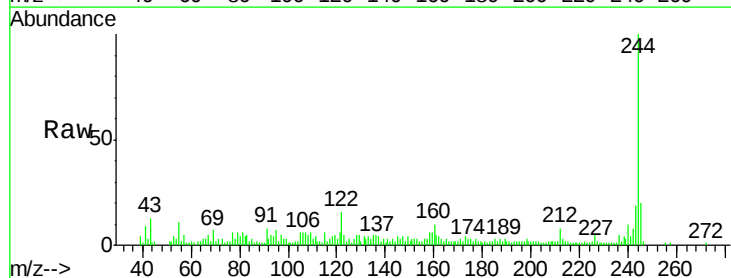
Tgt Ion:244 Resp: 40212

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

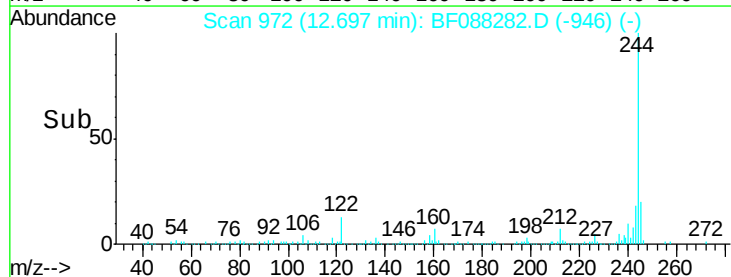
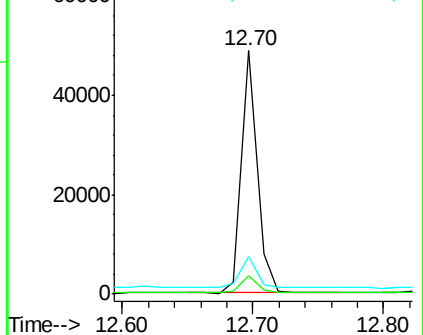
122 15.6 11.2 16.8

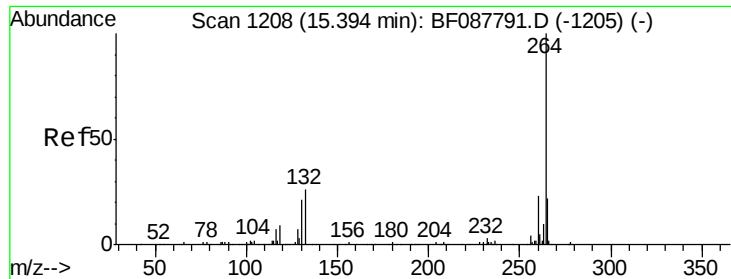


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

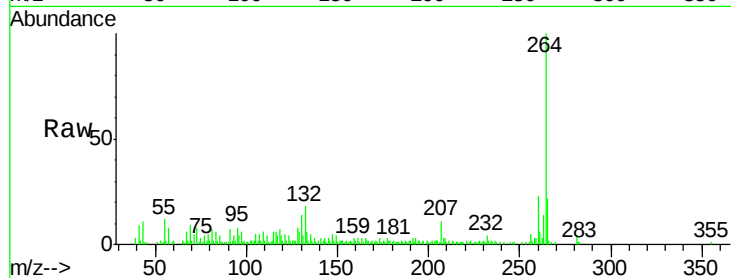




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088282.D
Acq: 23 Jun 2016 8:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 43864
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.8 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

