

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF06299.D
 Acq On : 29 Jun 2017 18:45
 Operator : SJ/MA
 Sample : I3935-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 01:07:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

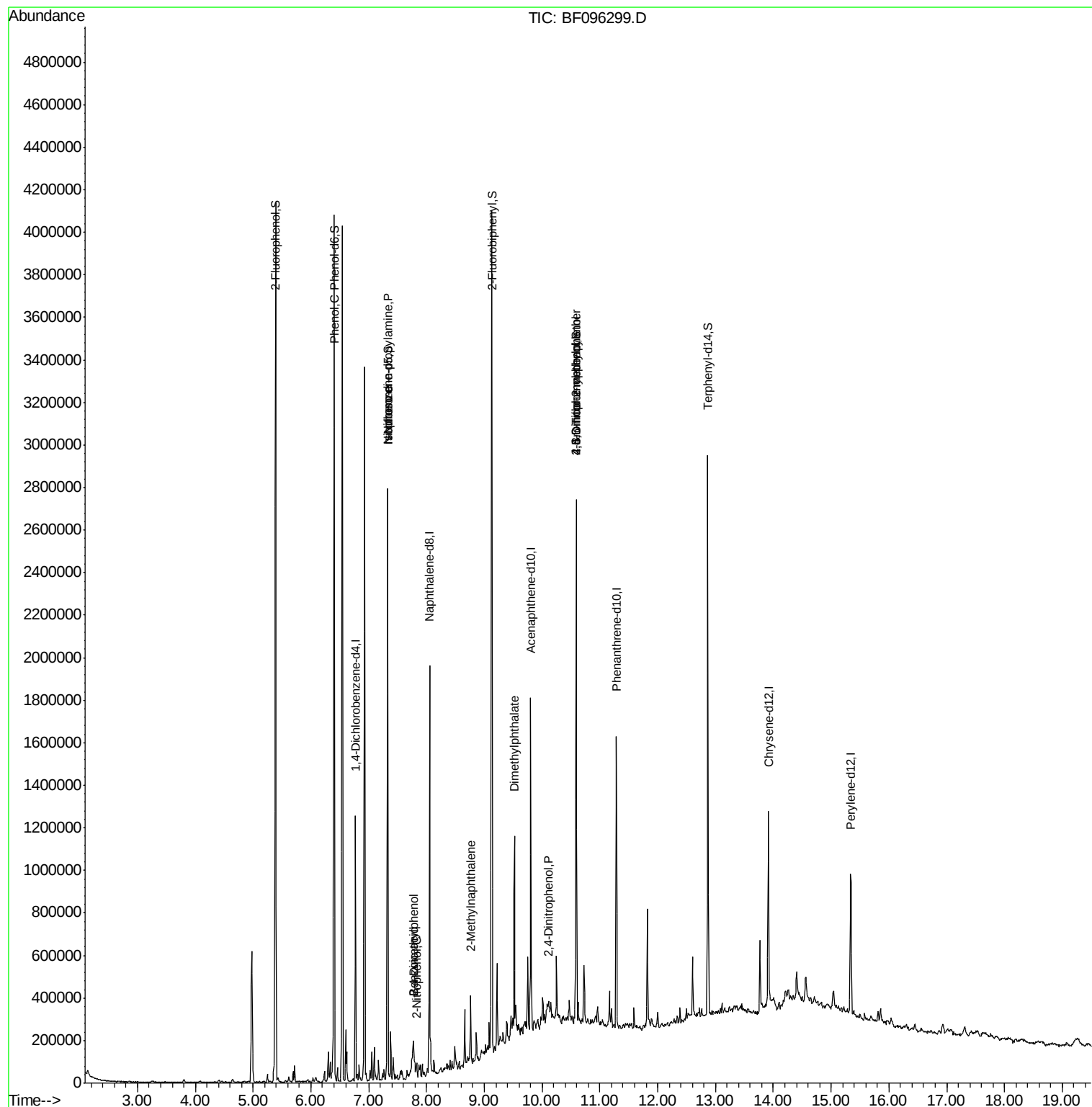
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	169739	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	705998	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	297395	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	459763	20.00	ng	0.00
75) Chrysene-d12	13.92	240	291795	20.00	ng	0.00
86) Perylene-d12	15.34	264	308492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1302014	110.51	ng	0.01
7) Phenol-d6	6.40	99	1647003	115.45	ng	0.01
23) Nitrobenzene-d5	7.33	82	953693	93.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	333346	142.43	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1428383	87.96	ng	-0.02
78) Terphenyl-d14	12.87	244	949767	81.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	5251	Below Cal	#	1
10) Phenol	6.42	94	38527	2.46	ng	87
19) n-Nitroso-di-n-propylamine	7.33	70	126545	14.81	ng	# 89
25) Isophorone	7.33	82	953676	41.18	ng	# 67
26) 2-Nitrophenol	7.83	139	258	6.09	ng	# 1
27) 2,4-Dimethylphenol	7.77	122	55208	5.28	ng	# 6
32) Benzoic acid	7.77	122	55208	14.88	ng	97
37) 2-Methylnaphthalene	8.76	142	79400	3.59	ng	96
49) Dimethylphthalate	9.52	163	341255	16.03	ng	99
53) 2,4-Dinitrophenol	10.10	184	153	7.64	ng	# 58
57) Fluorene	10.34	166	2873	Below Cal	#	46
60) 4-Chlorophenyl-phenylether	10.33	204	423	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.59	198	537	8.93	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	17572	3.71	ng	# 1
70) Phenanthrene	11.31	178	12239	Below Cal	#	88

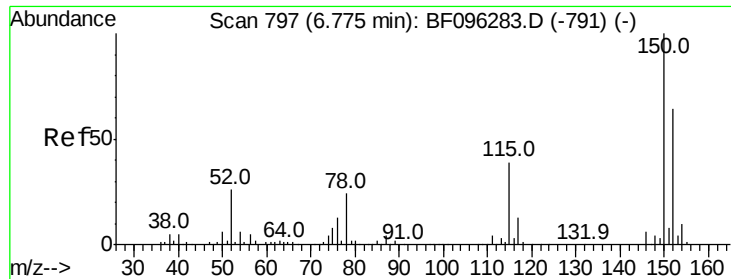
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096299.D
Acq On : 29 Jun 2017 18:45
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Sample : I3935-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 30 01:07:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
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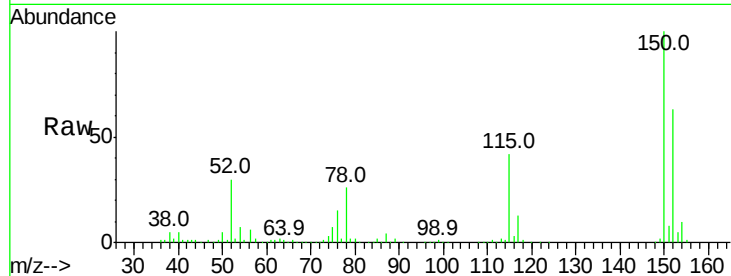


#1

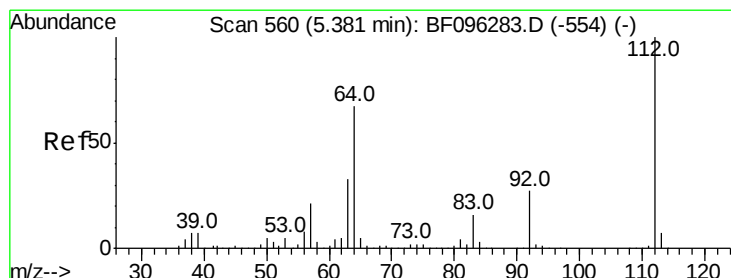
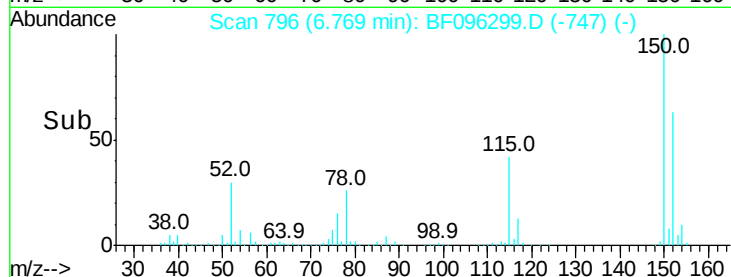
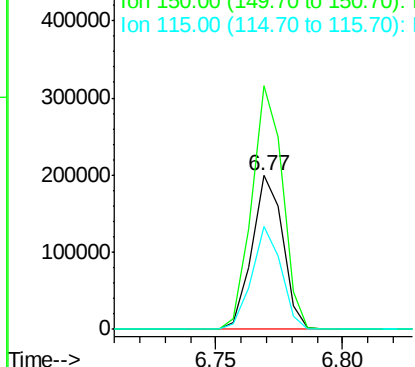
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169739
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 67.0 52.2 78.2



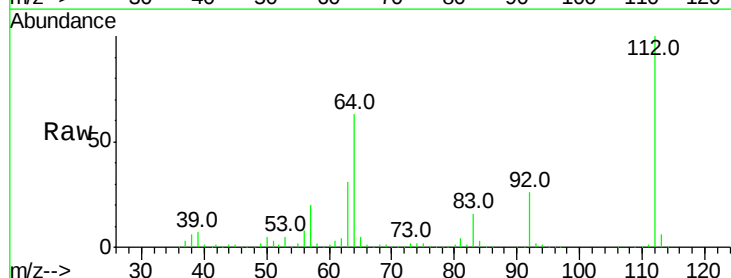
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



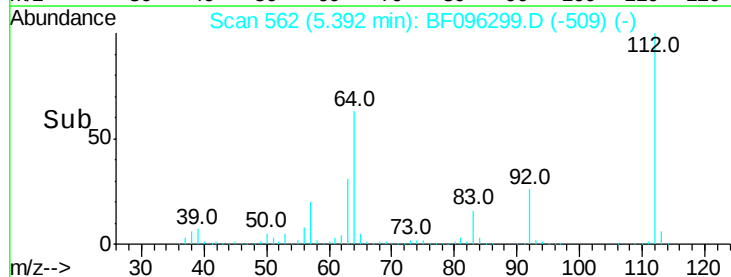
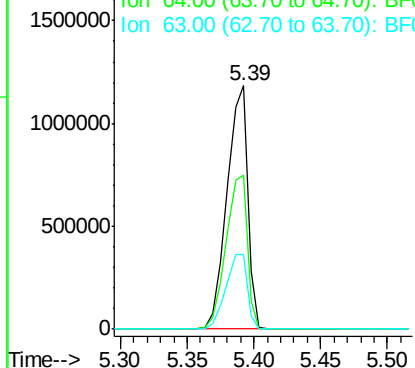
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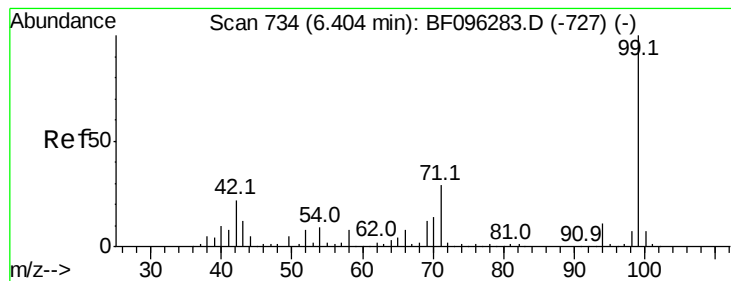
2-Fluorophenol
Concen: 110.51 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion:112 Resp: 1302014
Ion Ratio Lower Upper
112 100
64 63.0 46.0 69.0
63 30.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.45 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

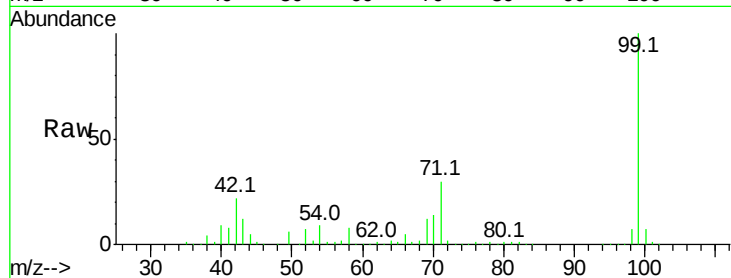
Instrument :

BNA_F

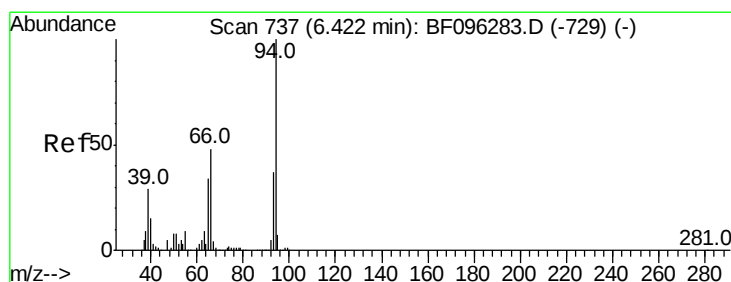
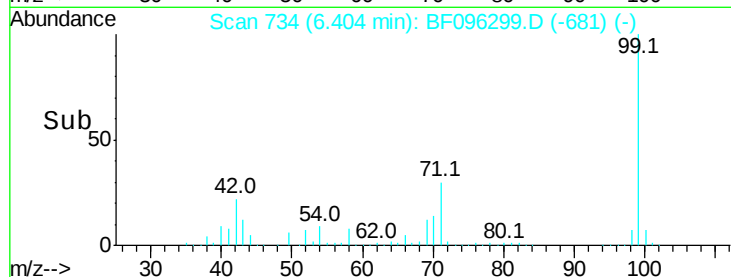
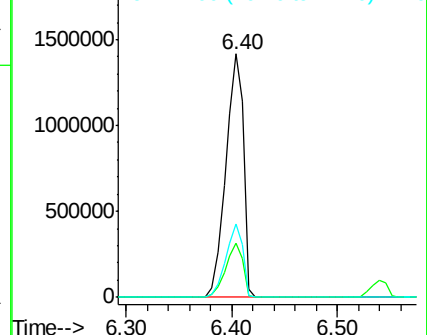
ClientSampleId :

Tot Ion: 99 Resp: 1647003

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	29.9	24.5	36.7



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: 2.46 ng

RT: 6.42 min Scan# 736

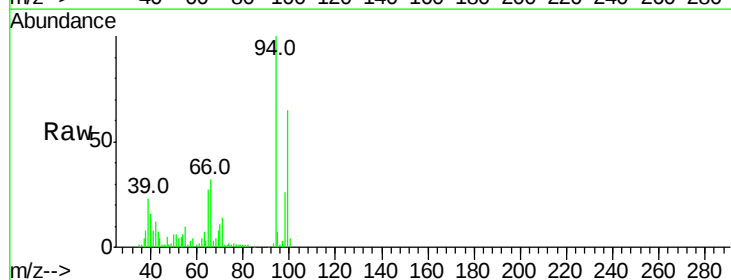
Delta R.T. 0.01 min

Lab File: BF096299.D

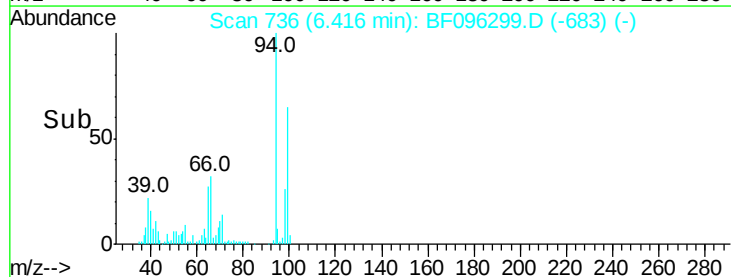
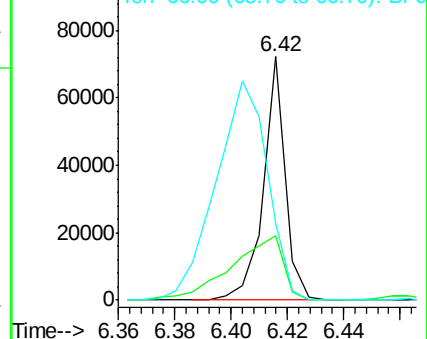
Acq: 29 Jun 2017 18:45

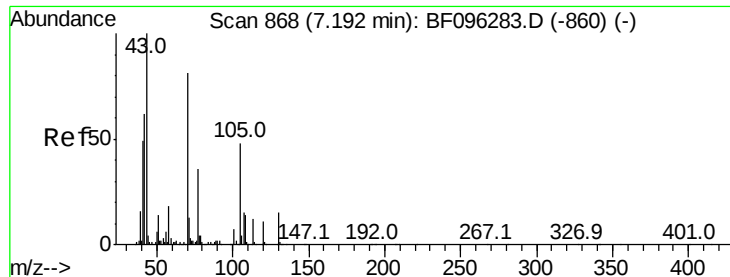
Tgt Ion: 94 Resp: 38527

Ion	Ratio	Lower	Upper
94	100		
65	26.6	9.9	49.9
66	31.5	23.1	63.1



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

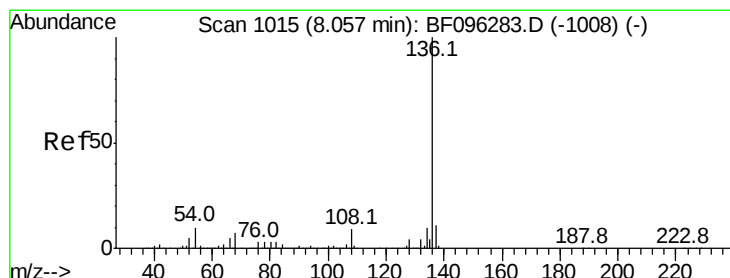
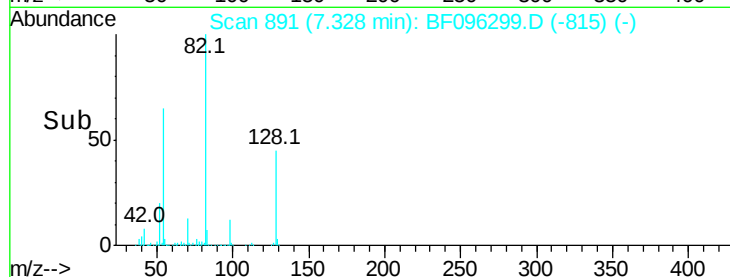
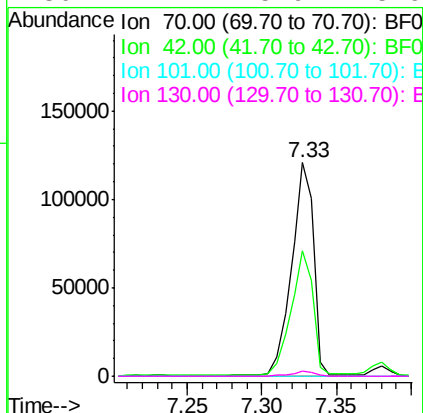
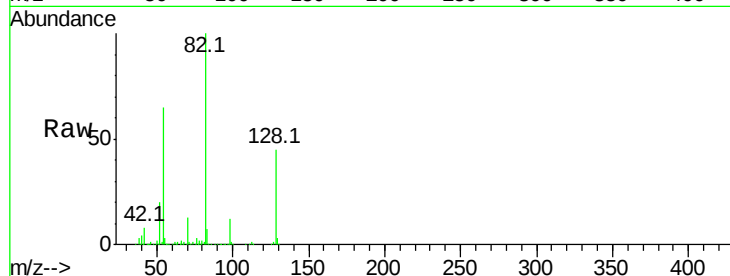




#19
n-Nitroso-di-n-propylamine
Concen: 14.81 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

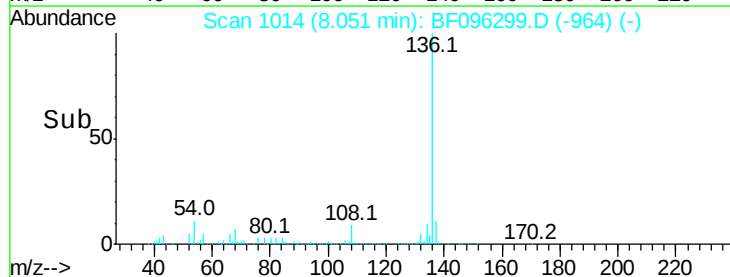
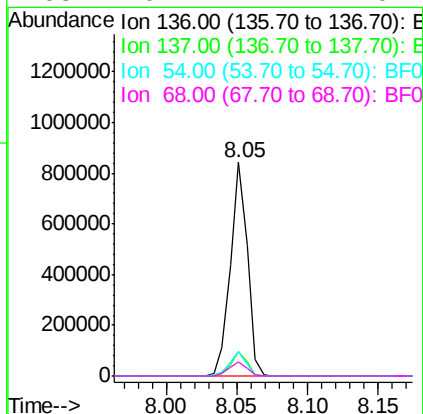
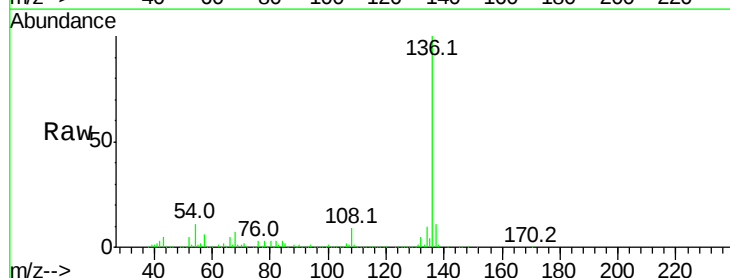
Instrument :
BNA_F
ClientSampleId :

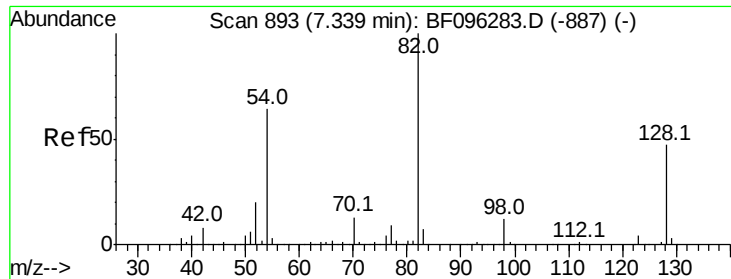
Tot Ion: 70 Resp: 126545
Ion Ratio Lower Upper
70 100
42 58.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion: 136 Resp: 705998
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.4 4.9 7.3#
68 6.7 4.1 6.1#

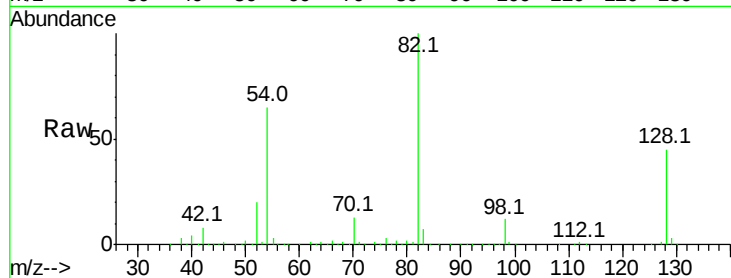




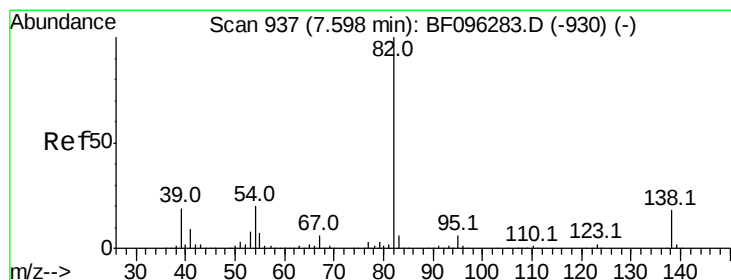
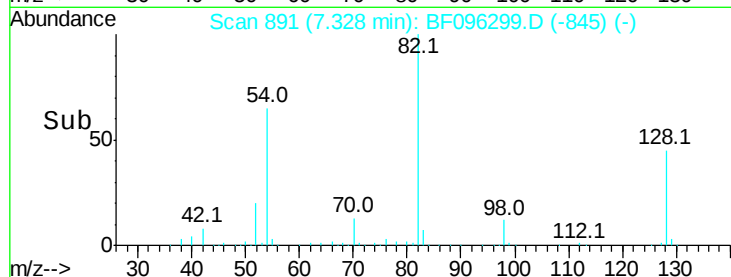
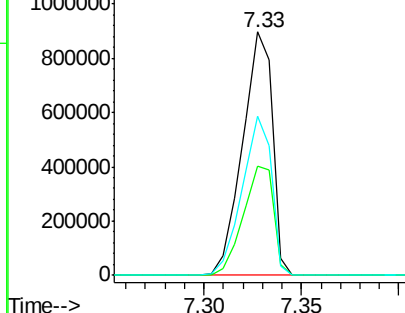
#23
Nitrobenzene-d5
Concen: 93.51 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 953693
Ion Ratio Lower Upper
82 100
128 45.0 34.0 51.0
54 65.4 42.2 63.2#

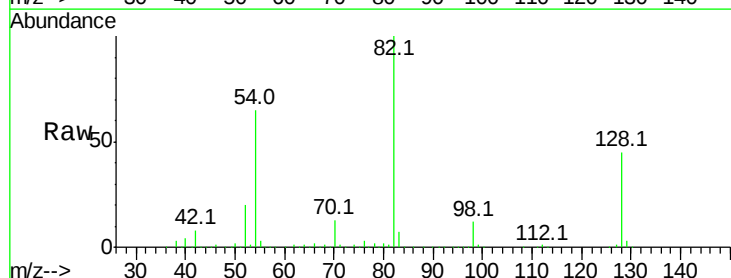


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

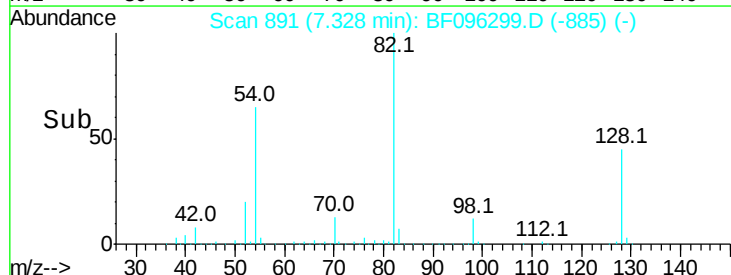
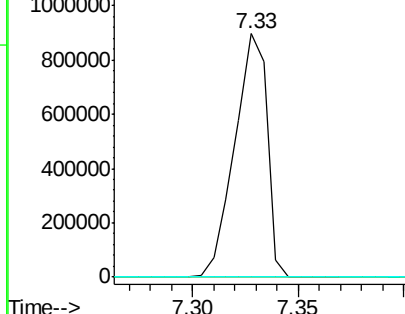


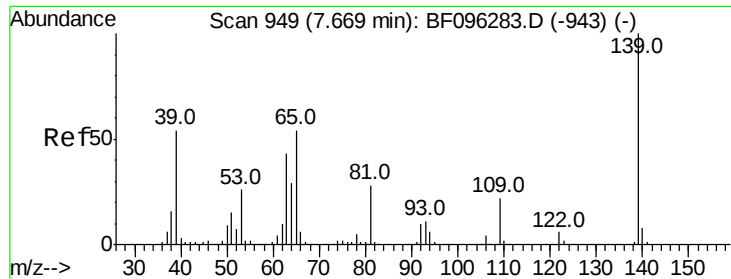
#25
Isophorone
Concen: 41.18 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion: 82 Resp: 953676
Ion Ratio Lower Upper
82 100
95 0.1 5.3 7.9#
138 0.0 13.1 19.7#



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

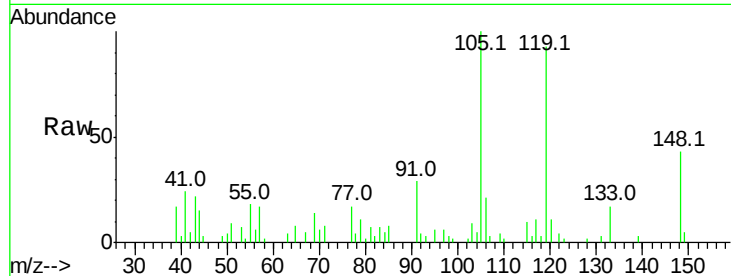




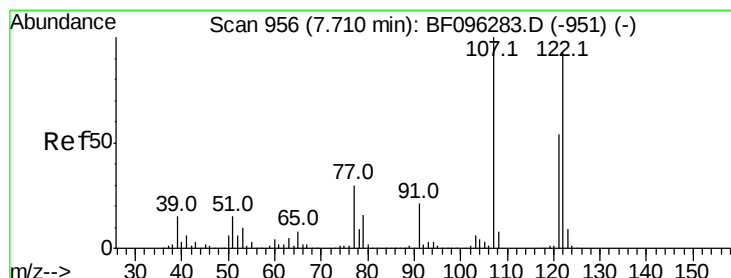
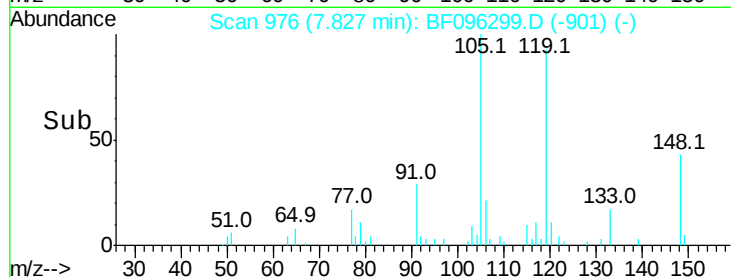
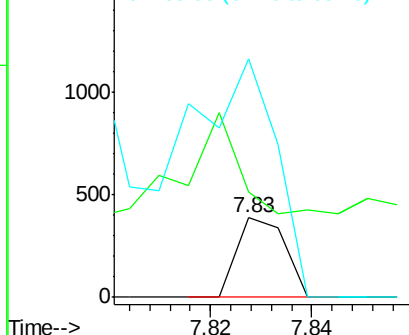
#26
2-Nitrophenol
Concen: 6.09 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.14 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 258
Ion Ratio Lower Upper
139 100
109 132.2 21.0 31.6#
65 300.3 33.0 49.6#

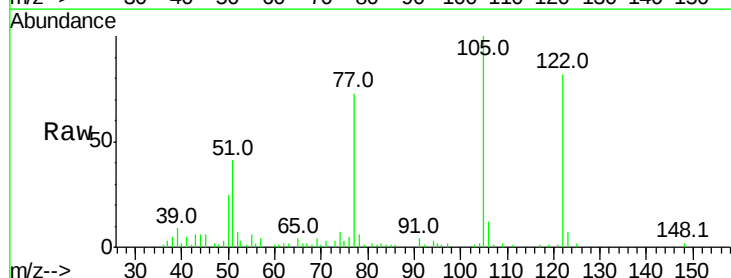


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

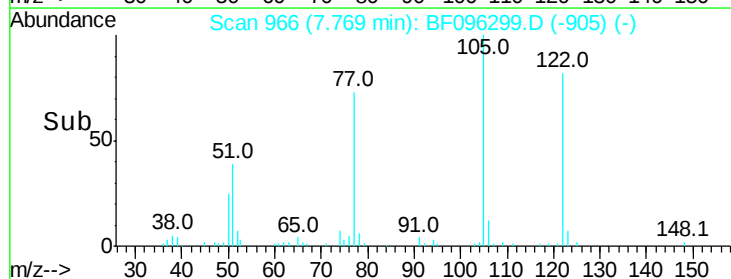
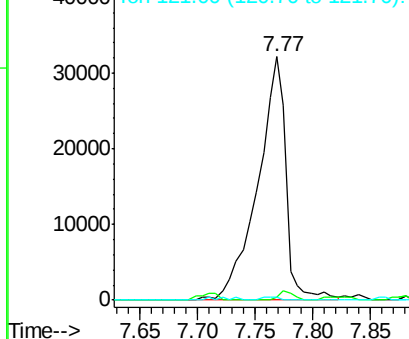


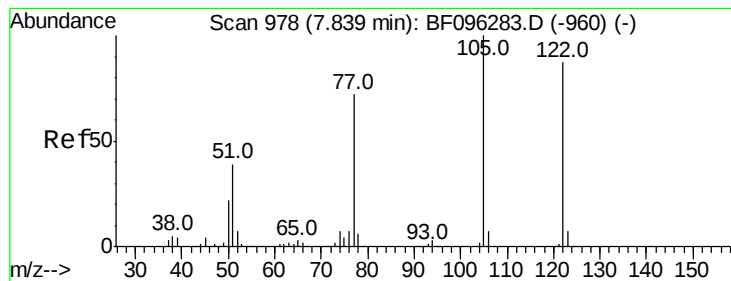
#27
2,4-Dimethylphenol
Concen: 5.28 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.06 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion:122 Resp: 55208
Ion Ratio Lower Upper
122 100
107 1.4 89.2 133.8#
121 1.4 45.2 67.8#



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





#32

Benzoic acid

Concen: 14.88 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.12 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Instrument :

BNA_F

ClientSampled :

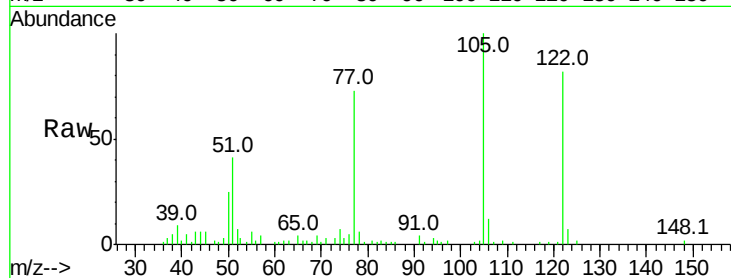
Tot Ion:122 Resp: 55208

Ion Ratio Lower Upper

122 100

105 121.7 103.3 143.3

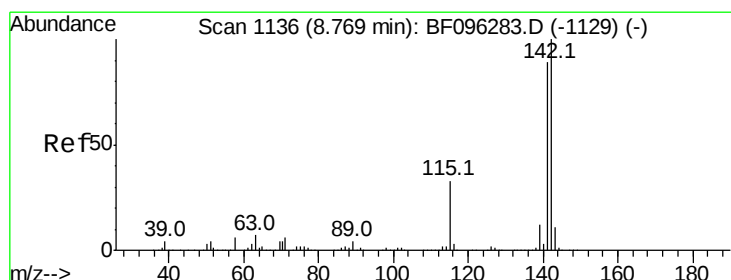
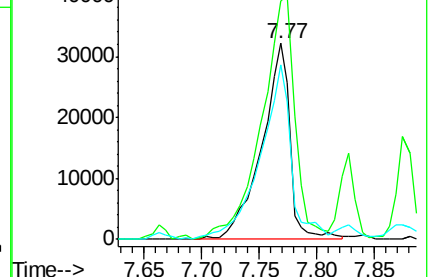
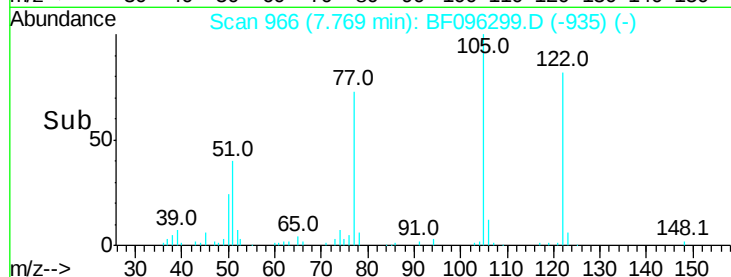
77 88.9 73.7 113.7



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



#37

2-Methylnaphthalene

Concen: 3.59 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

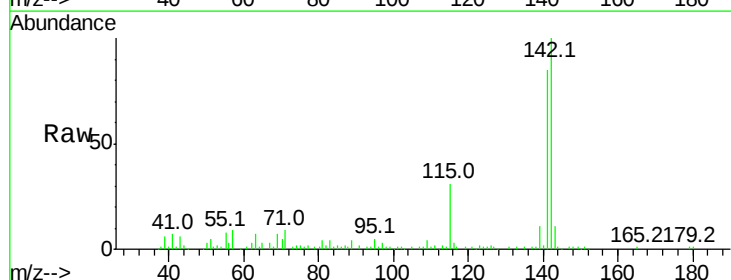
Tgt Ion:142 Resp: 79400

Ion Ratio Lower Upper

142 100

141 85.3 71.3 106.9

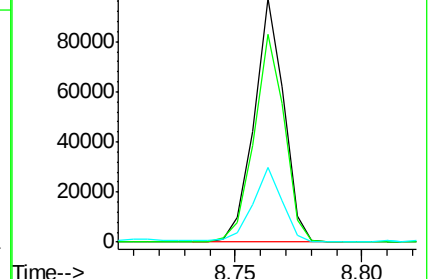
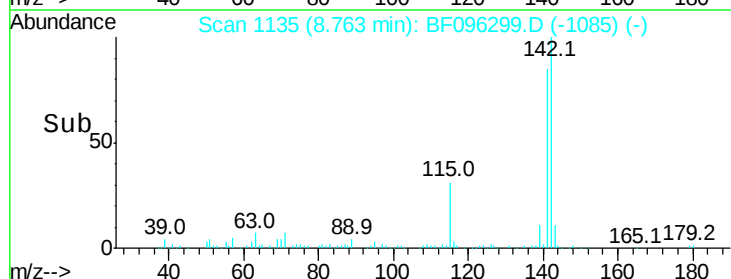
115 30.8 27.1 40.7

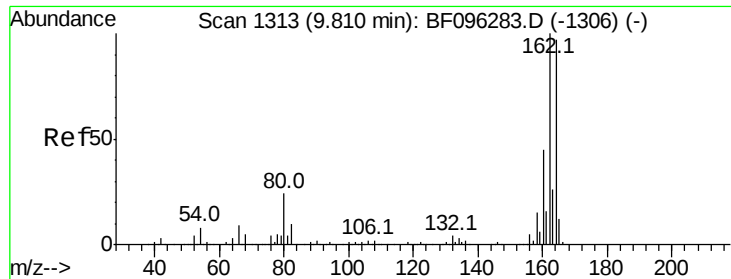


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Instrument :

BNA_F

ClientSampleId :

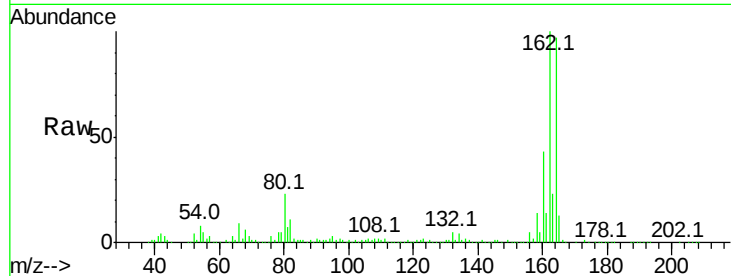
Tot Ion:164 Resp: 297395

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

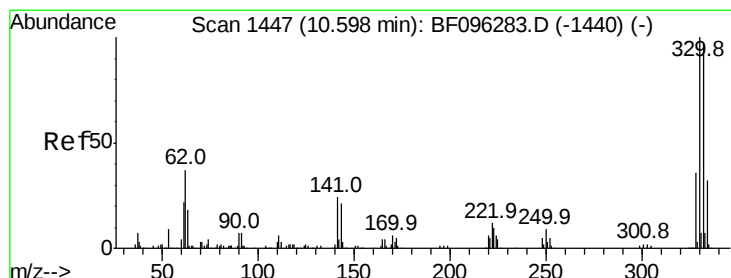
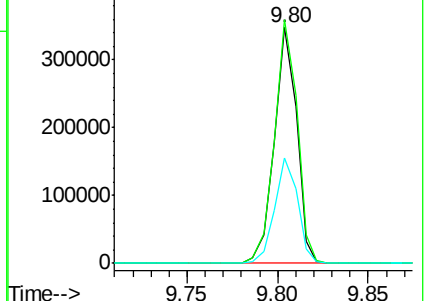
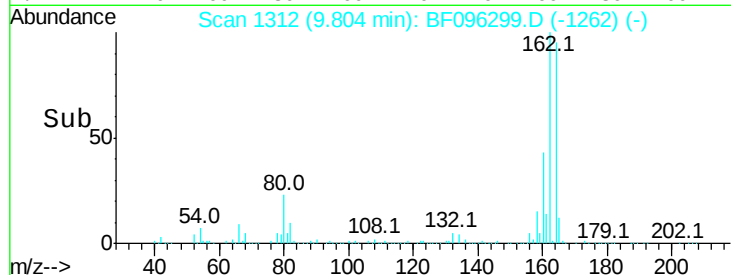
160 44.7 36.2 54.2



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: 142.43 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

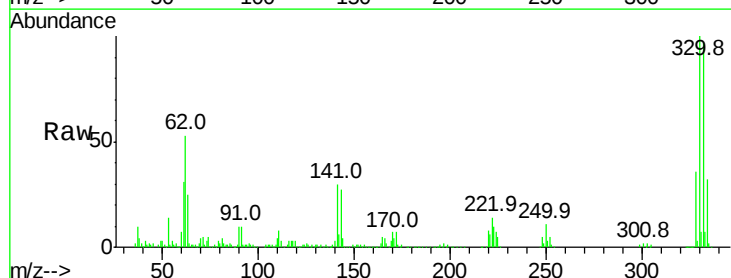
Tgt Ion:330 Resp: 333346

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

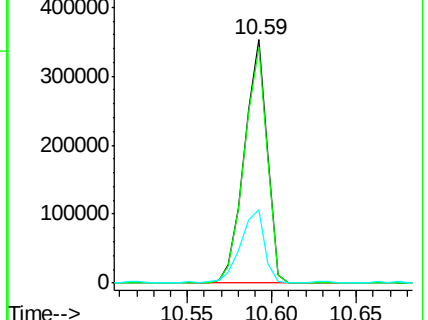
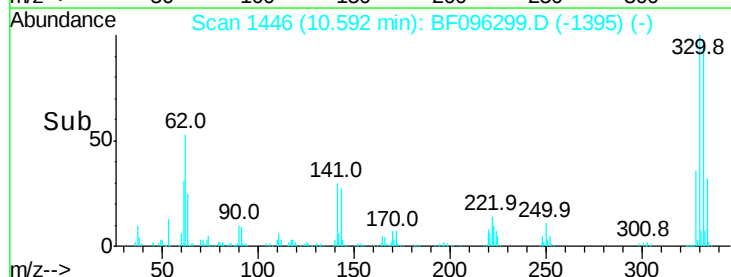
141 30.9 31.4 47.2#

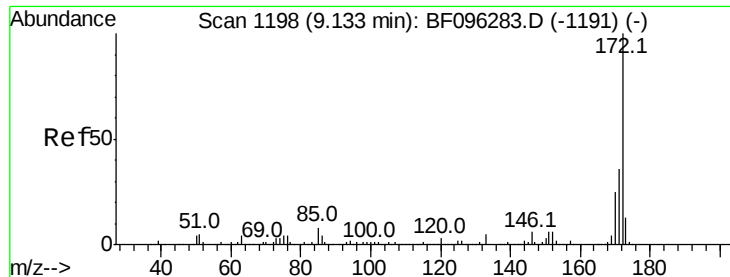


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

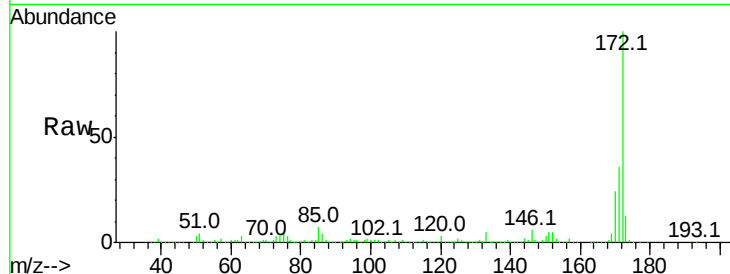




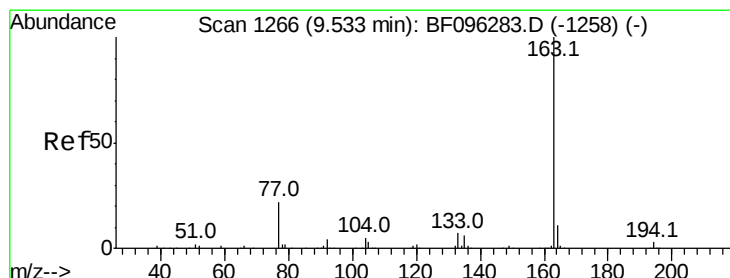
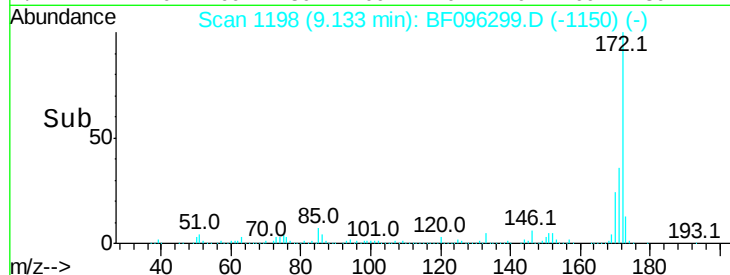
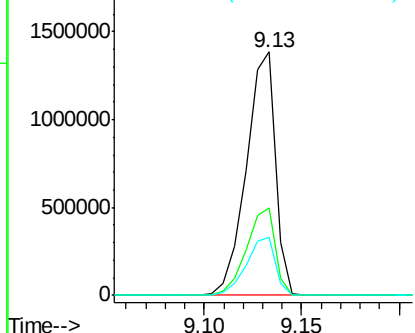
#44
2-Fluorobiphenyl
Concen: 87.96 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1428383
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 19.8 29.8

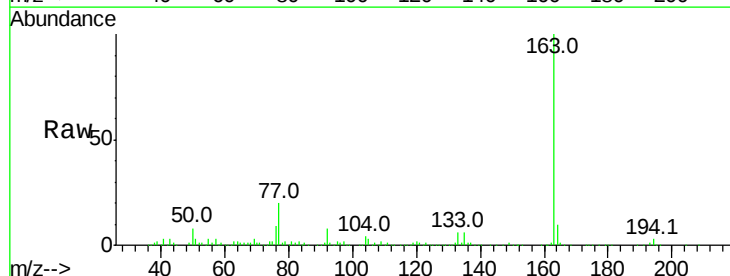


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

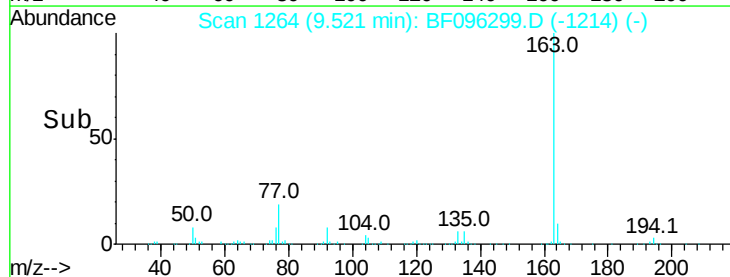
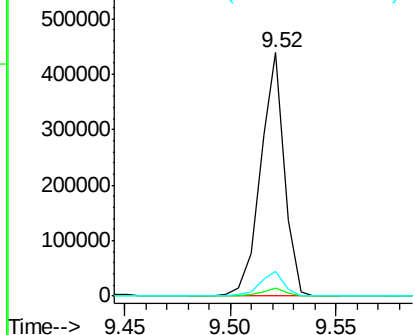


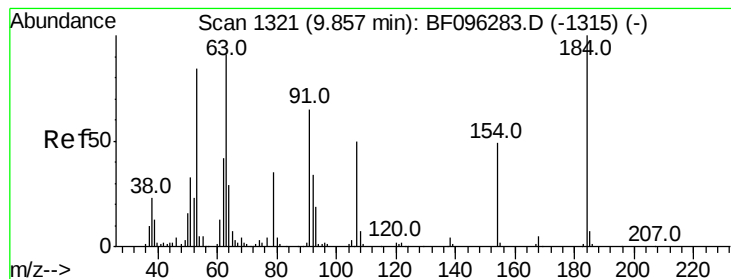
#49
Dimethylphthalate
Concen: 16.03 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion:163 Resp: 341255
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6



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





#53

2,4-Dinitrophenol

Concen: 7.64 na

RT: 10.10 min Scan# 1363

Delta R.T. 0.23 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Instrument :

BNA_F

ClientSampleId :

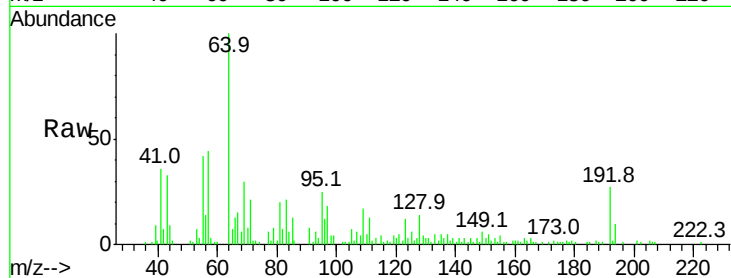
Tot Ion:184 Resp: 153

Ion Ratio Lower Upper

184 100

63 0.0 62.7 94.1#

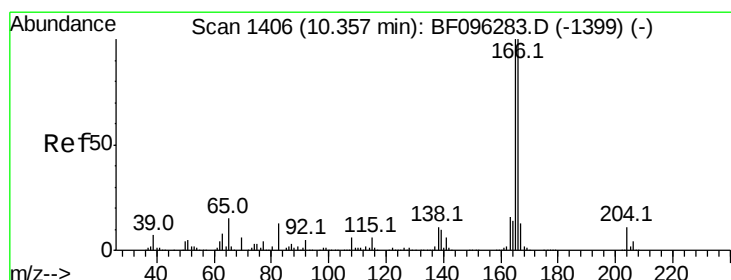
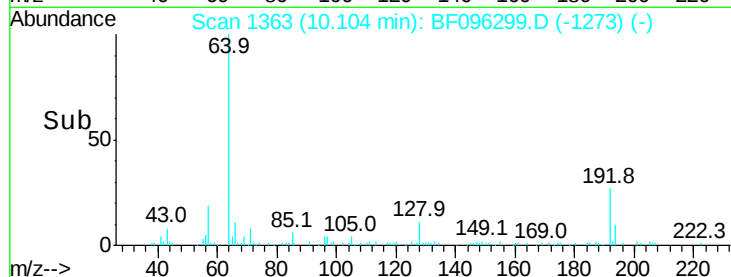
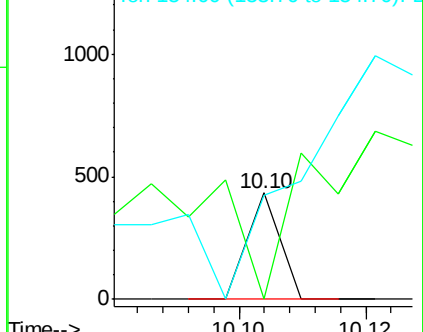
154 97.2 81.1 121.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#57

Fluorene

Concen: Below Cal

RT: 10.34 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

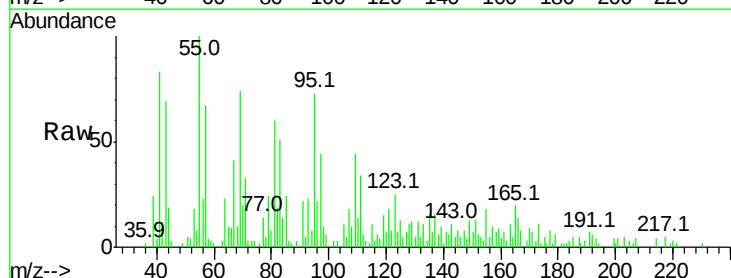
Tgt Ion:166 Resp: 2873

Ion Ratio Lower Upper

166 100

165 145.9 78.8 118.2#

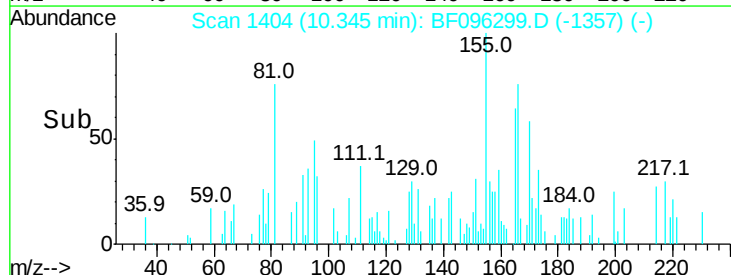
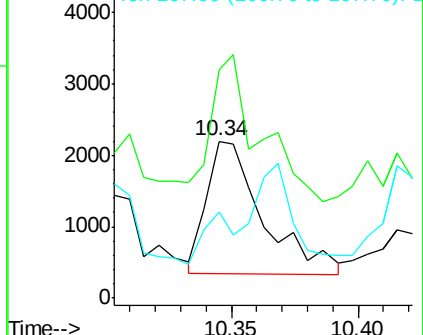
167 55.1 10.6 16.0#

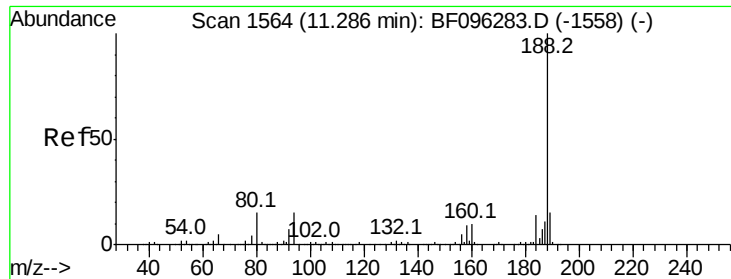


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

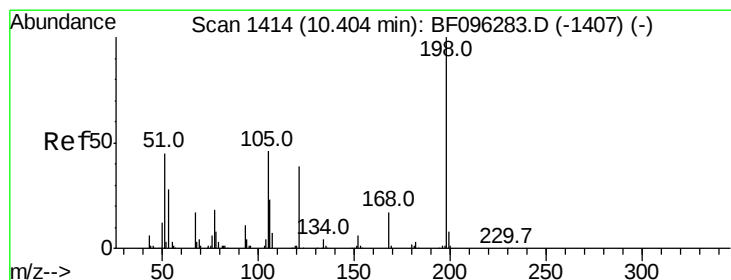
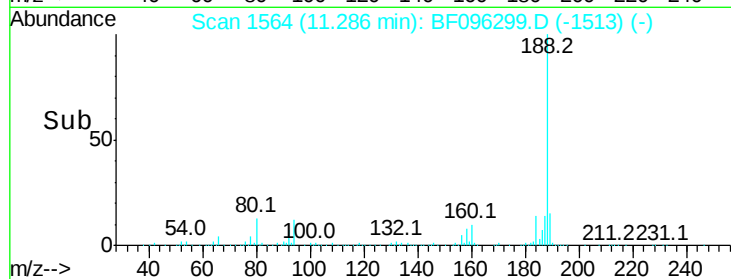
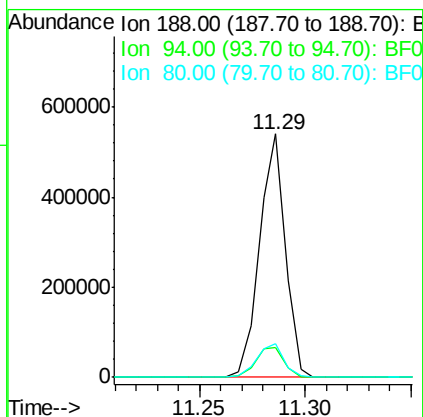
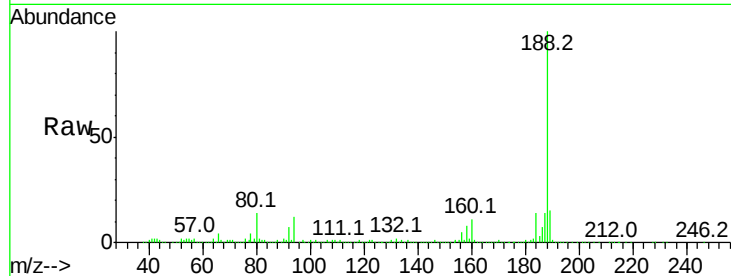




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

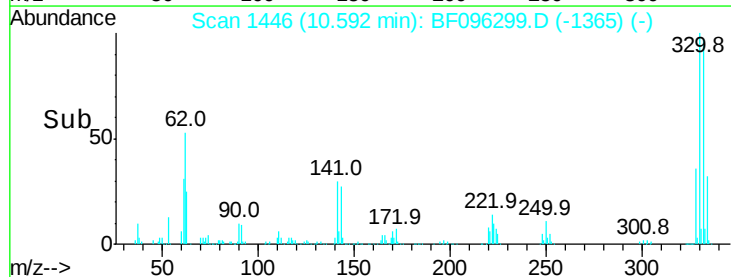
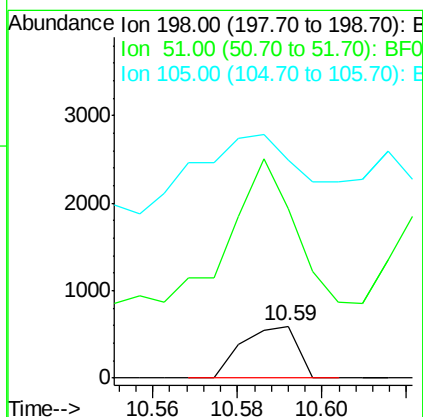
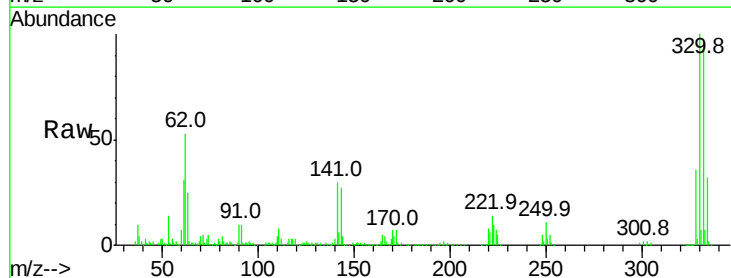
Instrument :
BNA_F
ClientSampleId :

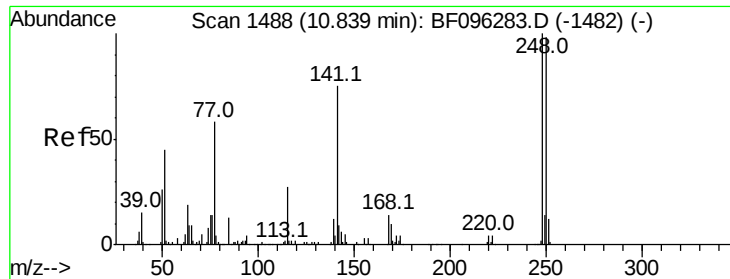
Tot Ion:188 Resp: 459763
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.93 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Tgt Ion:198 Resp: 537
Ion Ratio Lower Upper
198 100
51 327.5 53.2 93.2#
105 420.6 45.8 85.8#

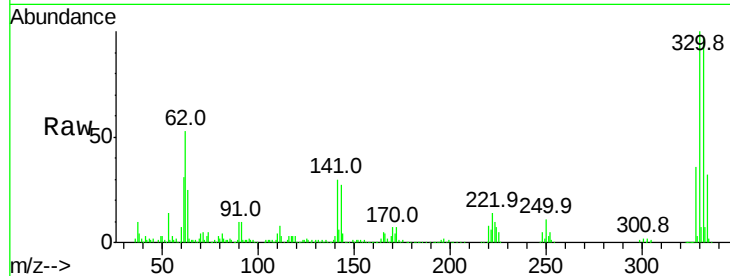




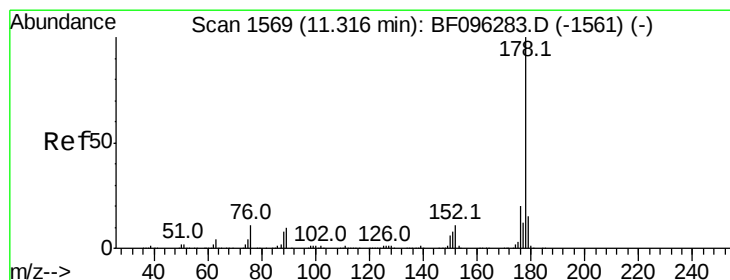
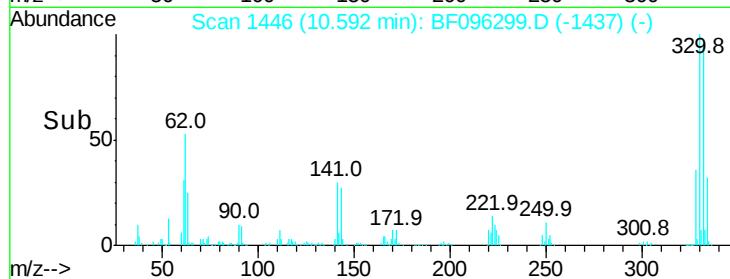
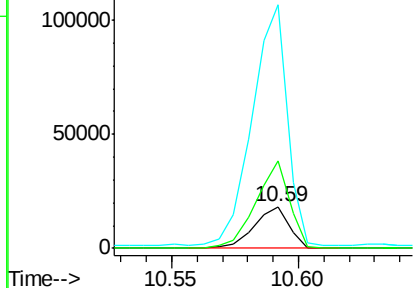
#66
 4-Bromophenyl-phenylether
 Concen: 3.71 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: BF096299.D
 Acq: 29 Jun 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17572
 Ion Ratio Lower Upper
 248 100
 250 209.6 76.8 115.2#
 141 585.1 68.6 103.0#

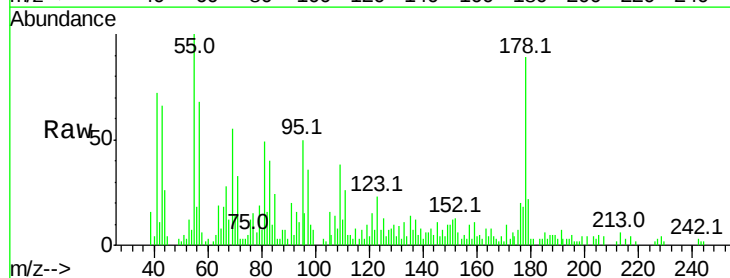


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

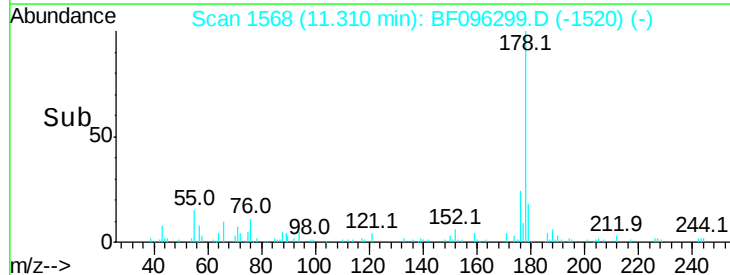
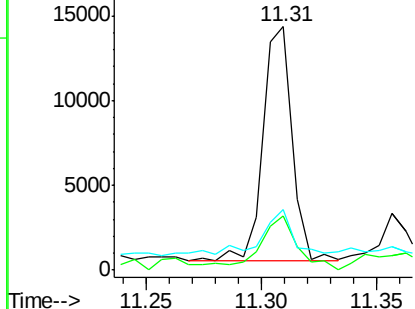


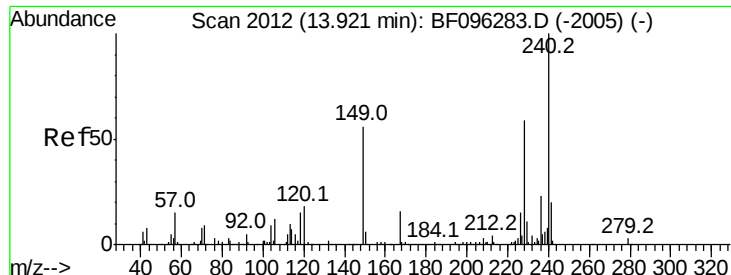
#70
 Phenanthrene
 Concen: Below Cal
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF096299.D
 Acq: 29 Jun 2017 18:45

Tgt Ion:178 Resp: 12239
 Ion Ratio Lower Upper
 178 100
 176 22.3 16.2 24.4
 179 24.8 12.6 19.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

Instrument :

BNA_F

ClientSampleId :

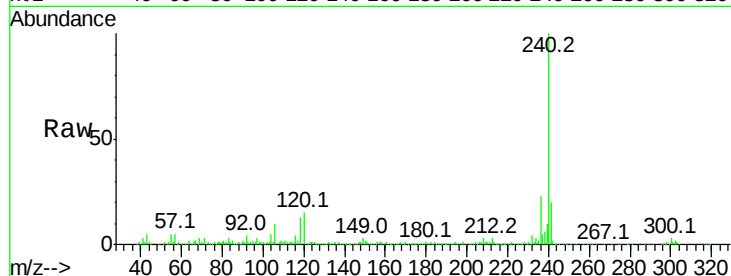
Tot Ion:240 Resp: 291795

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

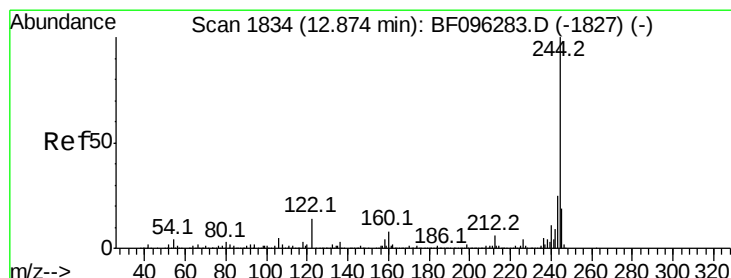
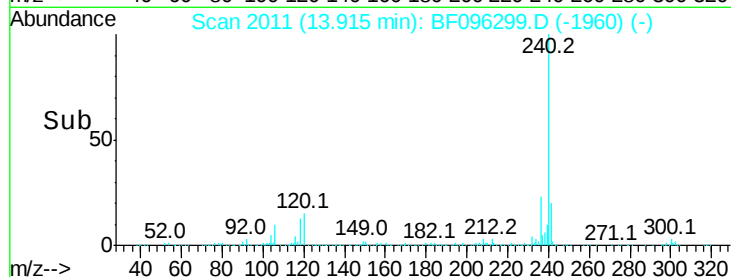
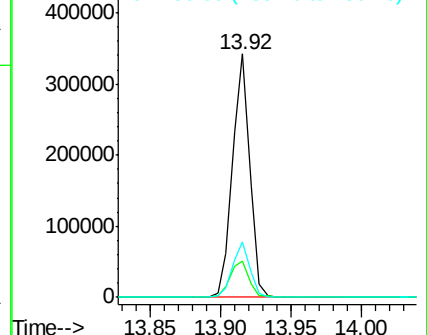
236 22.8 20.5 30.7



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: 81.22 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096299.D

Acq: 29 Jun 2017 18:45

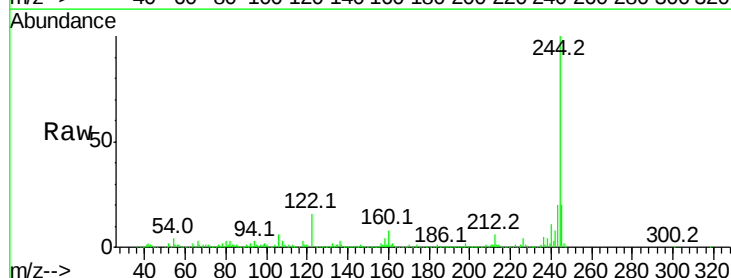
Tgt Ion:244 Resp: 949767

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

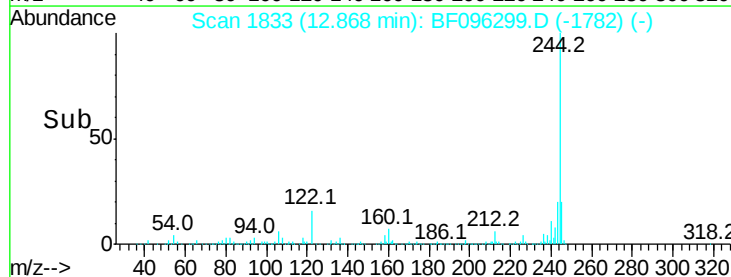
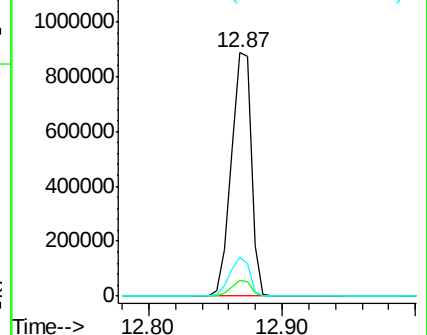
122 15.9 10.3 15.5#

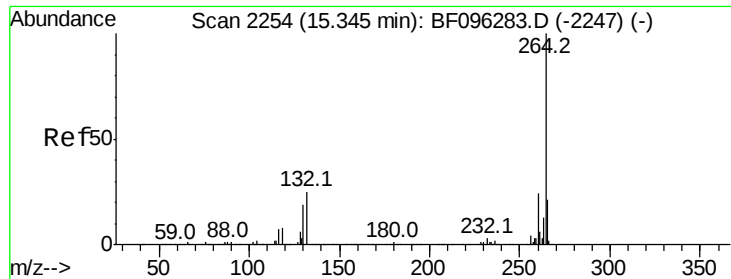


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF096299.D
Acq: 29 Jun 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.8	17.2	25.8

