

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096294.D
 Acq On : 29 Jun 2017 16:22
 Operator : SJ/MA
 Sample : I3874-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 17:34:57 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	164800	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	625341	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	239850	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	350925	20.00	ng	0.00
75) Chrysene-d12	13.92	240	325552	20.00	ng	0.00
86) Perylene-d12	15.34	264	253064	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1018795	89.06	ng	0.00
7) Phenol-d6	6.40	99	1220846	88.14	ng	0.01
23) Nitrobenzene-d5	7.33	82	641384	71.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	192189	101.82	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	669310	51.10	ng	-0.02
78) Terphenyl-d14	12.87	244	411968	31.58	ng	0.00

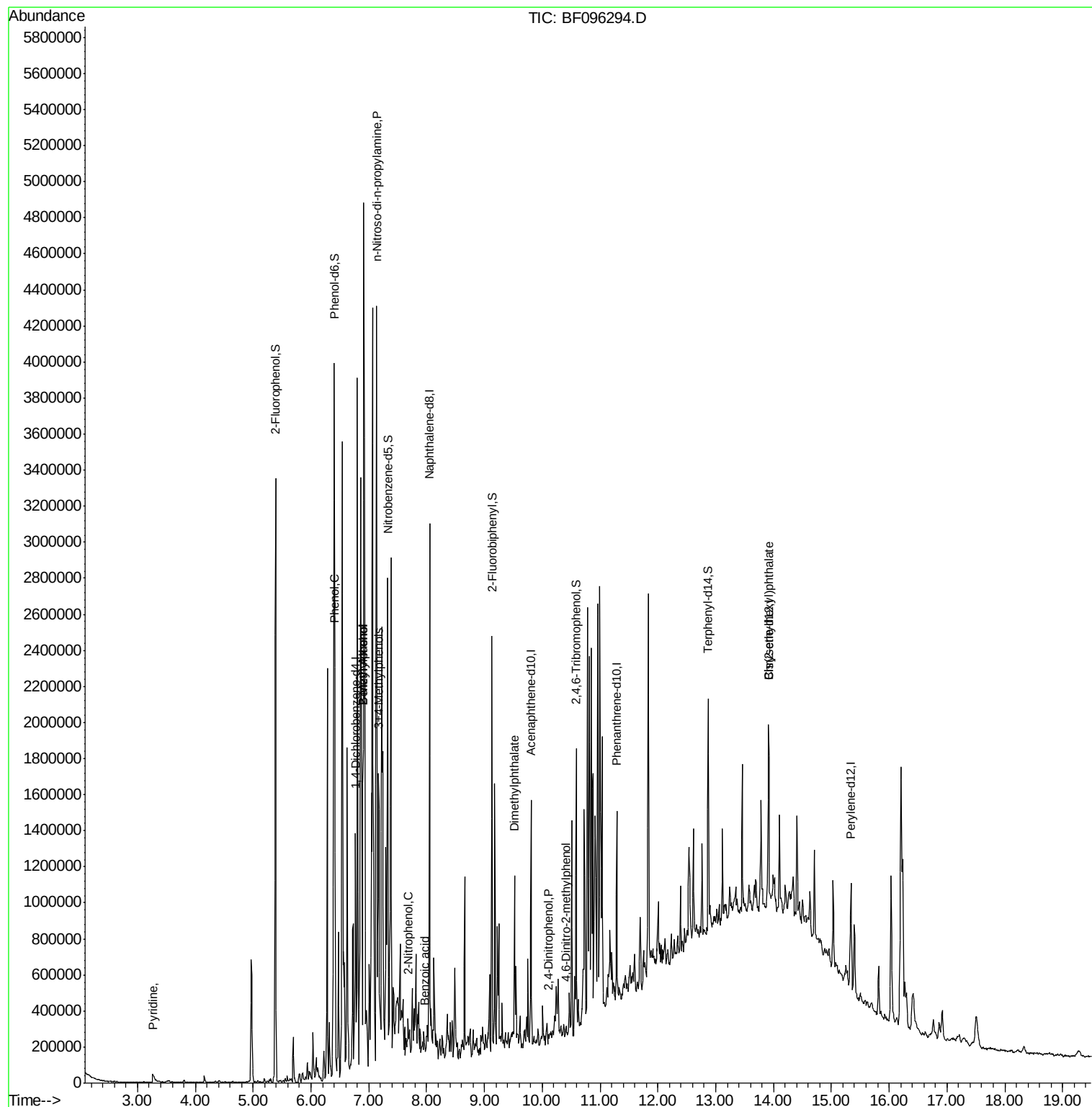
Target Compounds						Qvalue
3) Pyridine	3.26	79	42199	2.82	ng	# 78
9) Benzaldehyde	6.31	77	2715	Below	Cal	# 61
10) Phenol	6.42	94	211408	13.88	ng	# 87
15) Benzyl Alcohol	6.90	79	61982	6.63	ng	# 59
17) 2-Methylphenol	6.90	107	36799	3.78	ng	# 1
19) n-Nitroso-di-n-propylamine	7.13	70	80251	9.67	ng	# 64
20) 3+4-Methylphenols	7.17	107	235774	21.24	ng	# 56
26) 2-Nitrophenol	7.68	139	1764	6.38	ng	# 1
32) Benzoic acid	7.98	122	901	8.90	ng	# 93
49) Dimethylphthalate	9.52	163	296960	17.30	ng	# 98
53) 2,4-Dinitrophenol	10.10	184	368	7.86	ng	# 4
57) Fluorene	10.35	166	3063	Below	Cal	# 87
60) 4-Chlorophenyl-phenylether	10.33	204	124	Below	Cal	# 1
64) 4,6-Dinitro-2-methylphenol	10.41	198	140	8.81	ng	# 1
70) Phenanthrene	11.31	178	7328	Below	Cal	# 57
83) Bis(2-ethylhexyl)phthalate	13.92	149	39213	2.94	ng	# 98

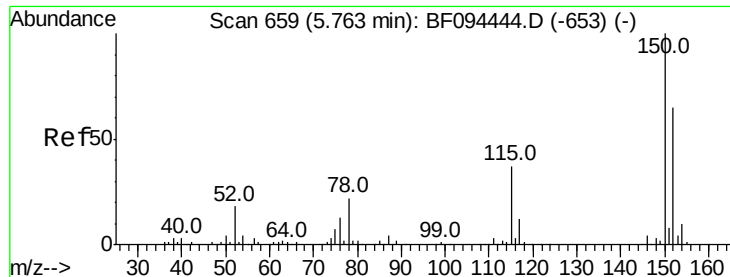
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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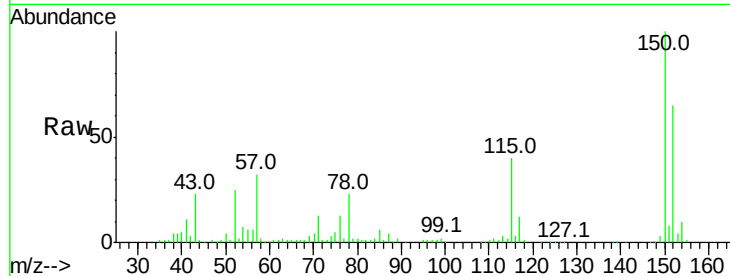


#1

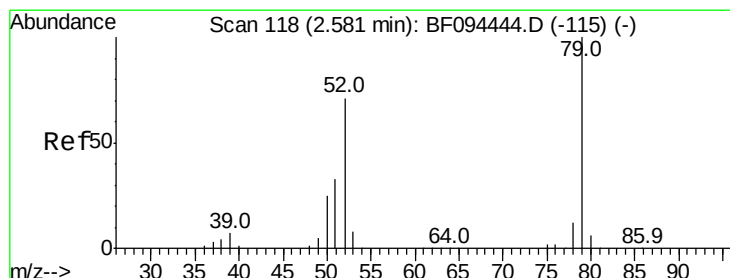
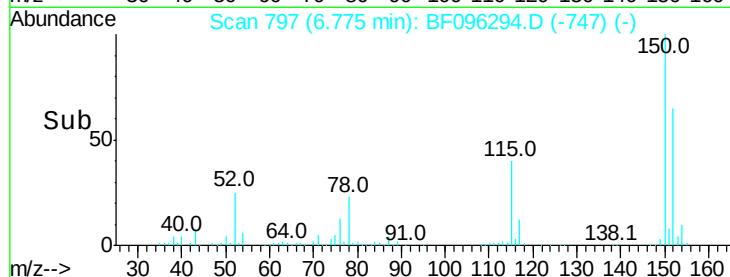
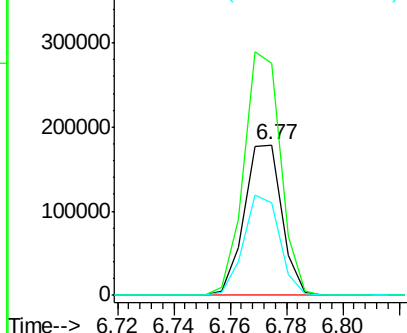
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164800
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 61.8 52.2 78.2



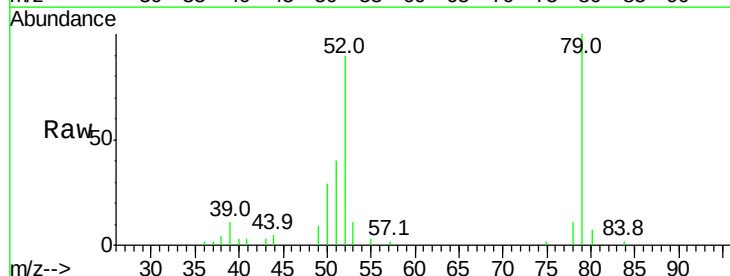
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



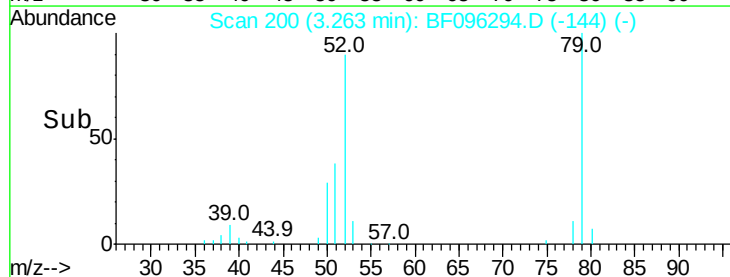
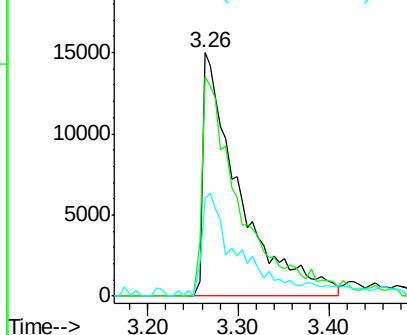
#3

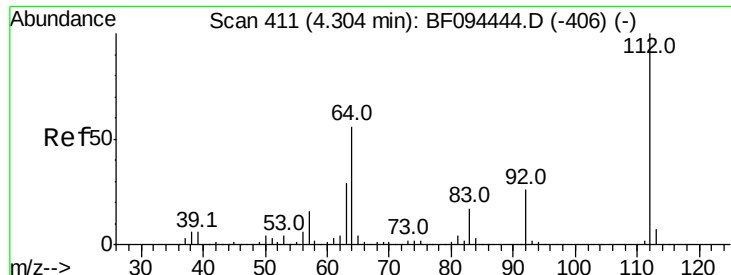
Pyridine
Concen: 2.82 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.03 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

Tgt Ion: 79 Resp: 42199
Ion Ratio Lower Upper
79 100
52 90.3 54.8 82.2#
51 40.3 27.0 40.4



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





#5

2-Fluorophenol

Concen: 89.06 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

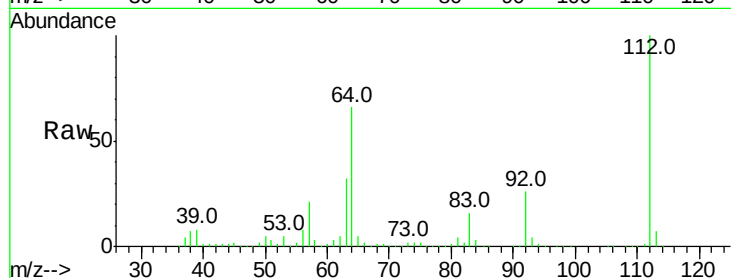
Tot Ion:112 Resp: 1018795

Ion Ratio Lower Upper

112 100

64 65.9 46.0 69.0

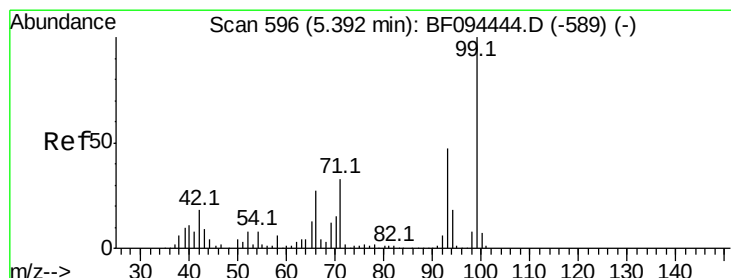
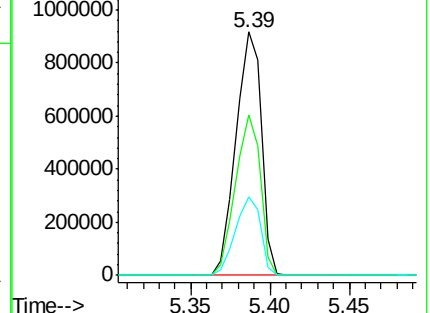
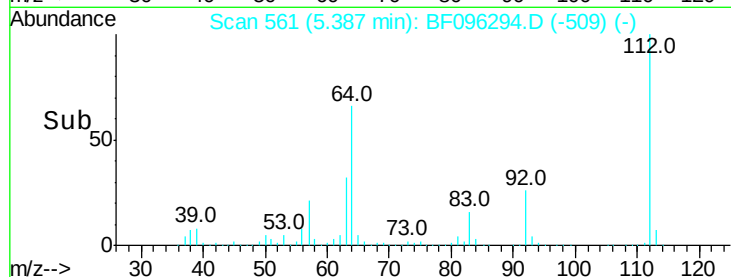
63 32.5 23.4 35.0



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: 88.14 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

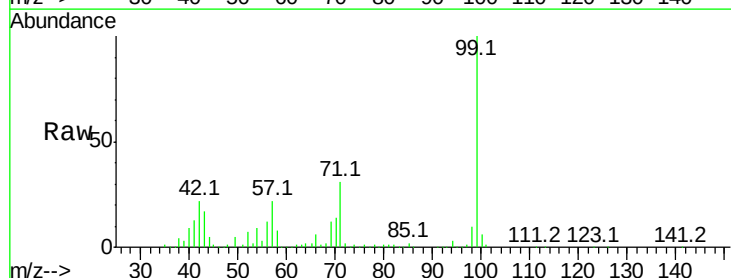
Tgt Ion: 99 Resp: 1220846

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

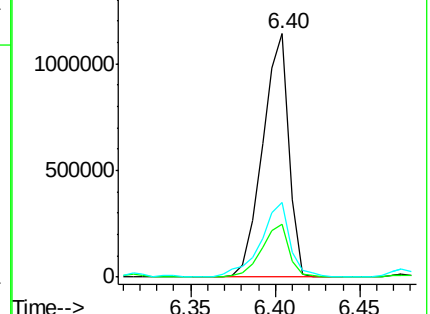
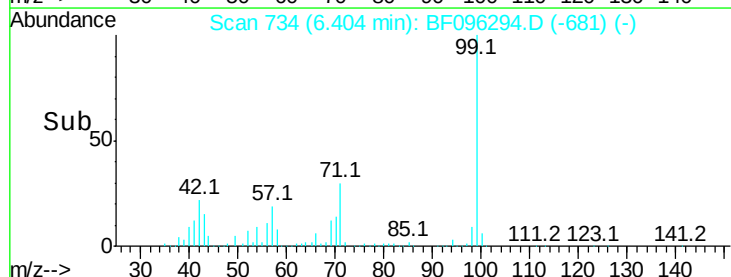
71 30.7 24.5 36.7

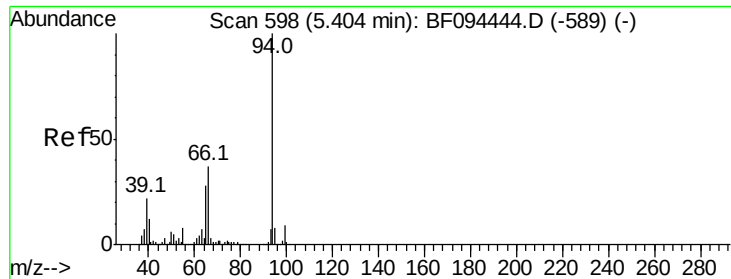


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 13.88 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

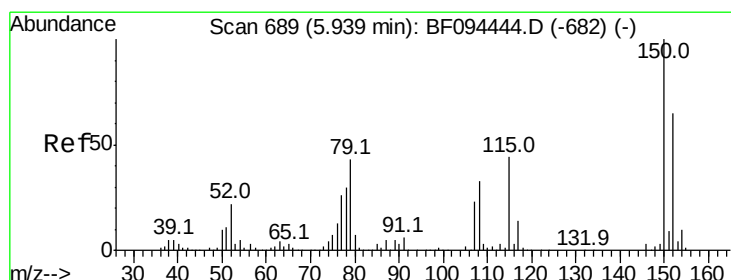
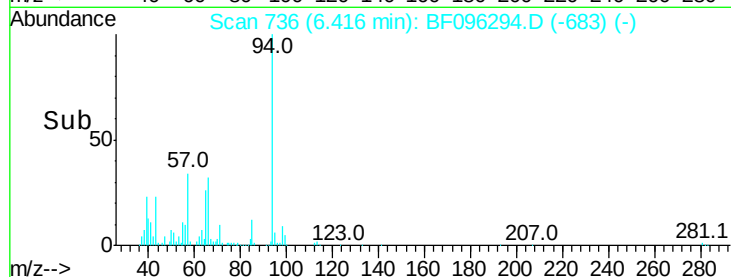
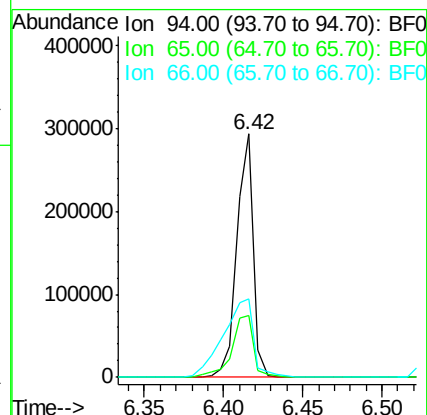
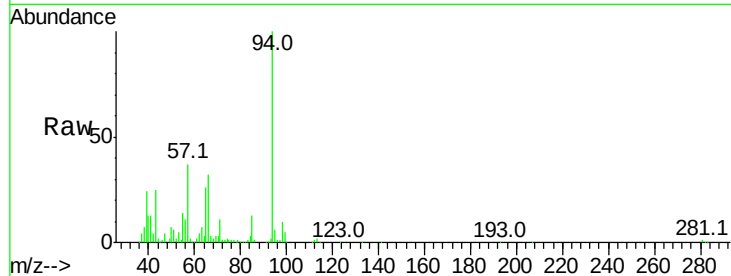
Tot Ion: 94 Resp: 211408

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

66 32.0 23.1 63.1



#15

Benzyl Alcohol

Concen: 6.63 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

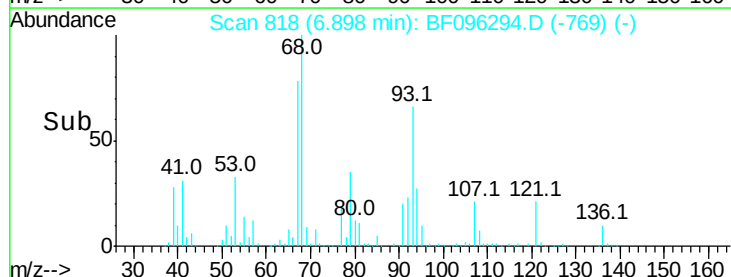
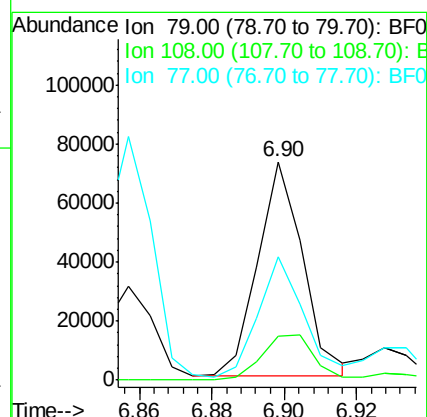
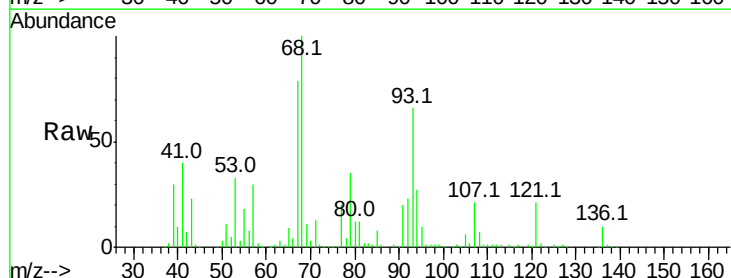
Tgt Ion: 79 Resp: 61982

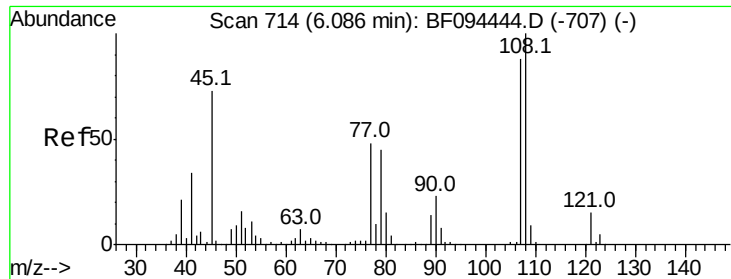
Ion Ratio Lower Upper

79 100

108 20.0 63.4 95.0#

77 56.4 49.2 73.8

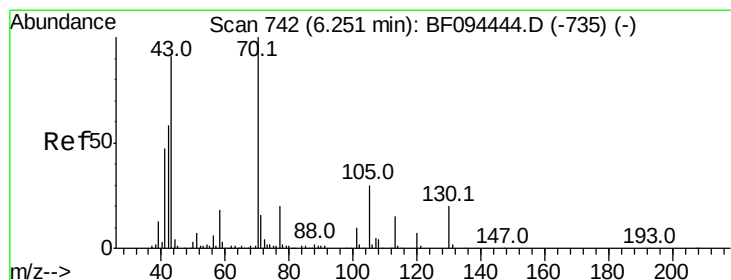
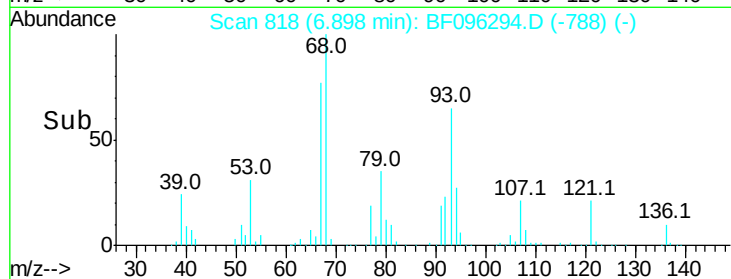
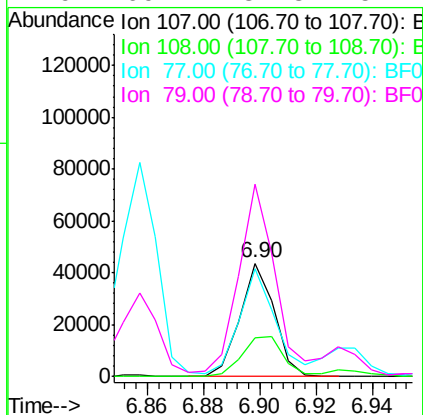
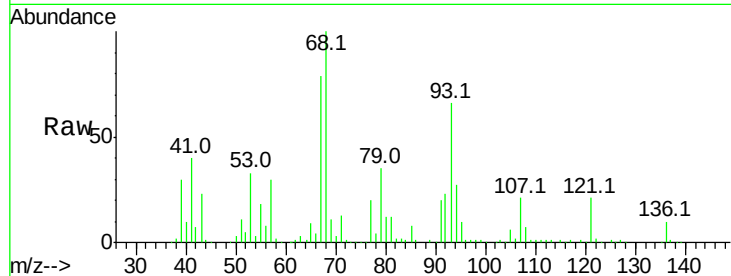




#17
2-Methylphenol
Concen: 3.78 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.12 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

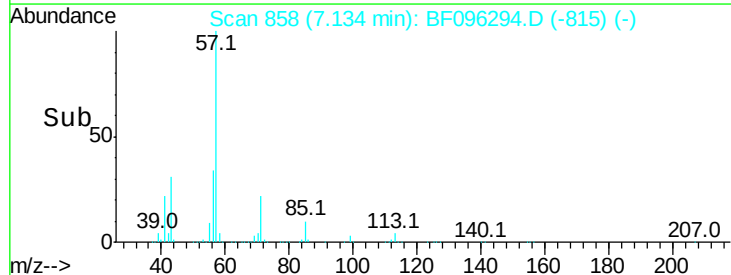
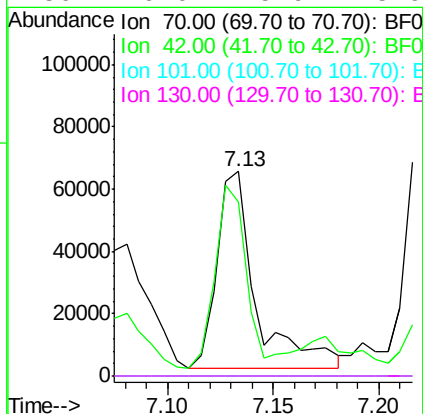
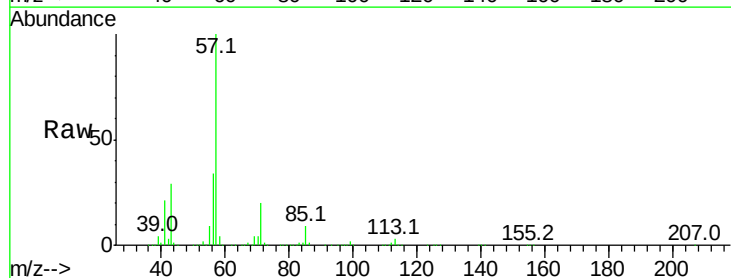
Instrument :
BNA_F
ClientSampleId :

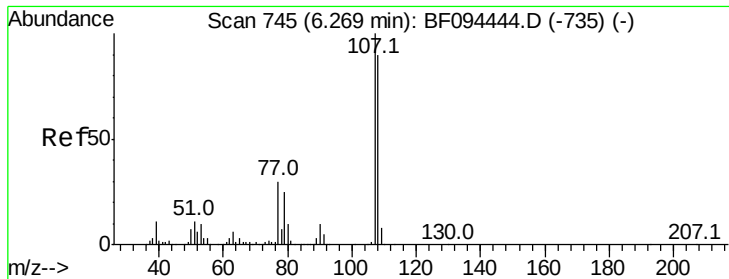
Tot Ion: 107 Resp: 36799
Ion Ratio Lower Upper
107 100
108 33.9 93.4 140.0#
77 95.6 35.8 53.6#
79 169.4 34.8 52.2#



#19
n-Nitroso-di-n-propylamine
Concen: 9.67 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

Tgt Ion: 70 Resp: 80251
Ion Ratio Lower Upper
70 100
42 84.9 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#

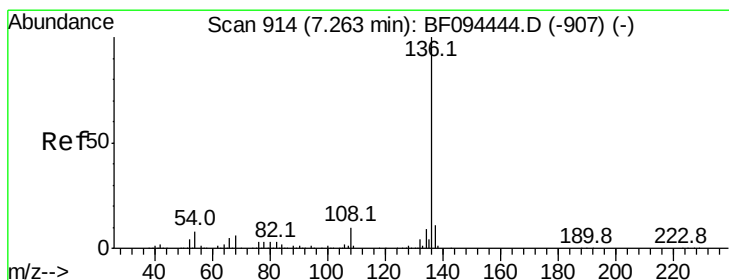
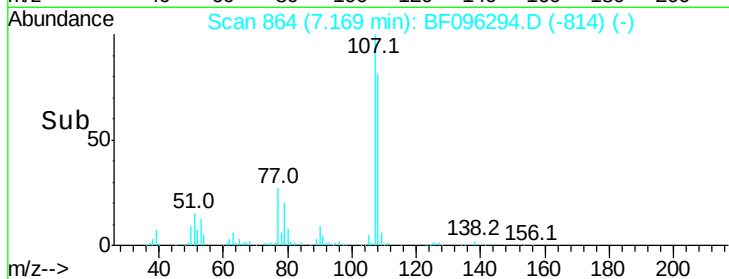
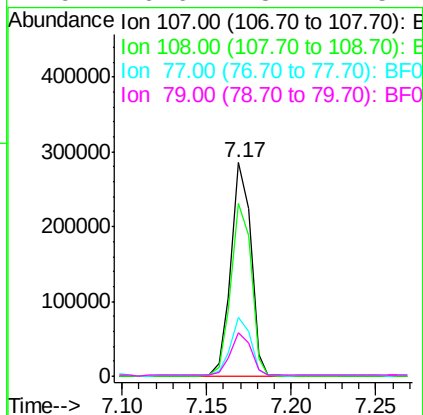
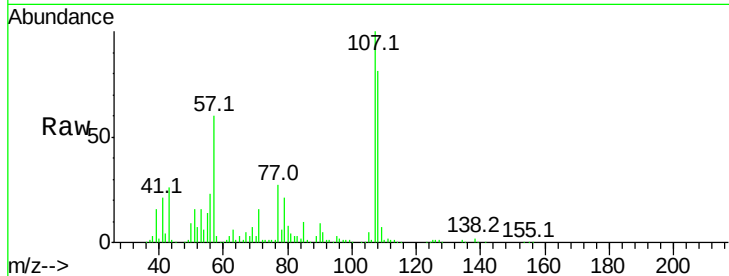




#20
3+4-Methylphenols
Concen: 21.24 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

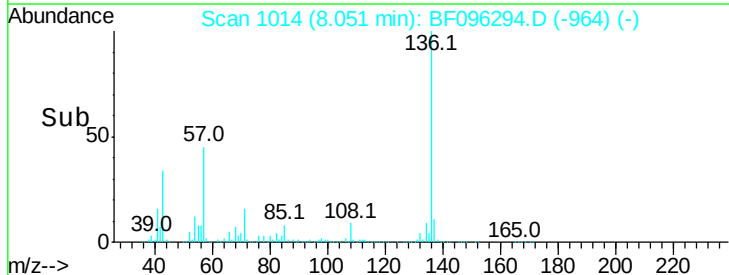
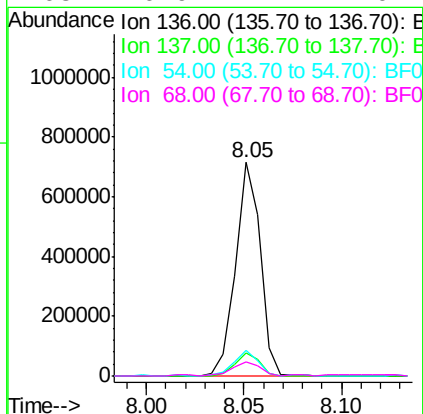
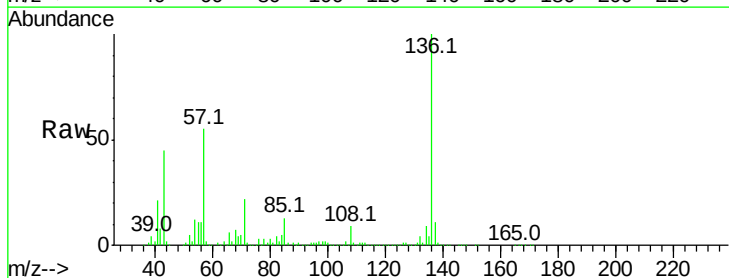
Instrument :
BNA_F
ClientSampleId :

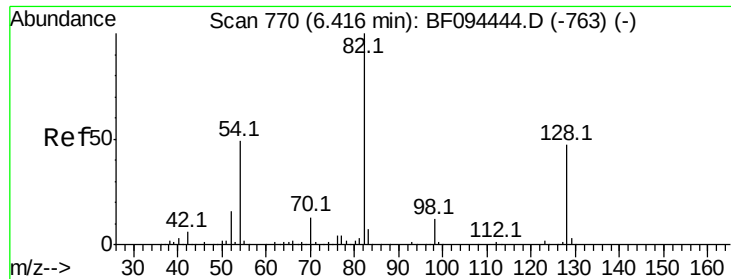
Tot Ion:	107	Resp:	235774
Ion	Ratio	Lower	Upper
107	100		
108	81.1	71.0	111.0
77	27.5	90.5	130.5#
79	20.6	8.4	48.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

Tgt Ion:	136	Resp:	625341
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	12.0	4.9	7.3#
68	6.9	4.1	6.1#

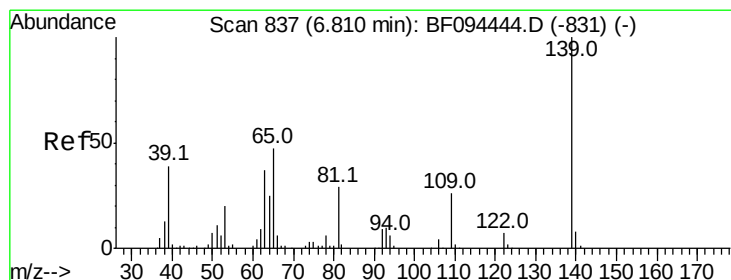
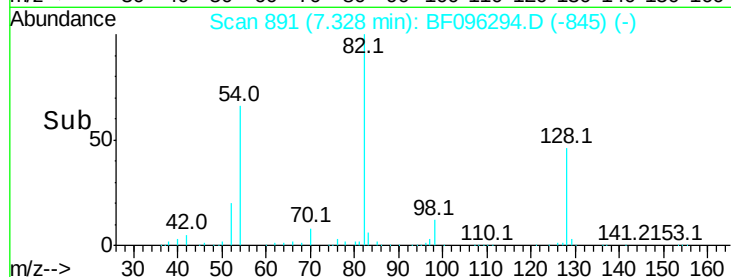
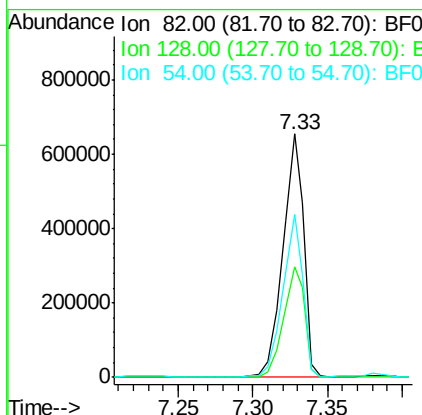
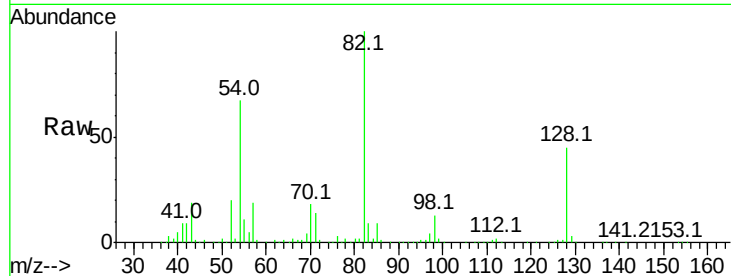




#23
Nitrobenzene-d5
Concen: 71.00 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

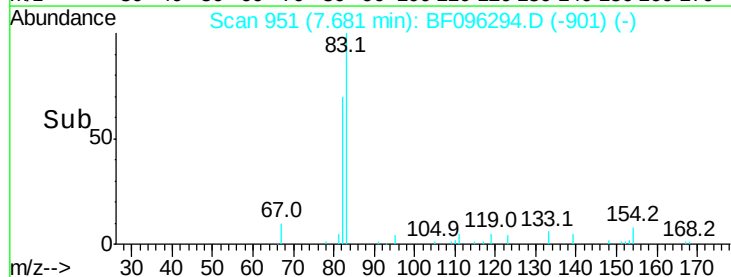
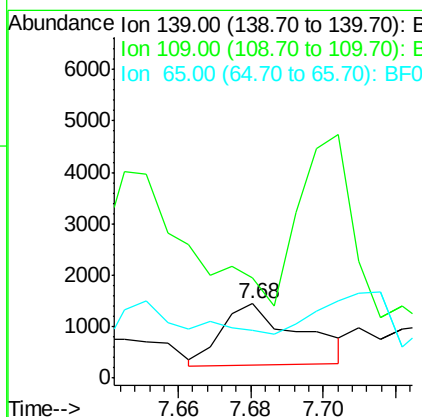
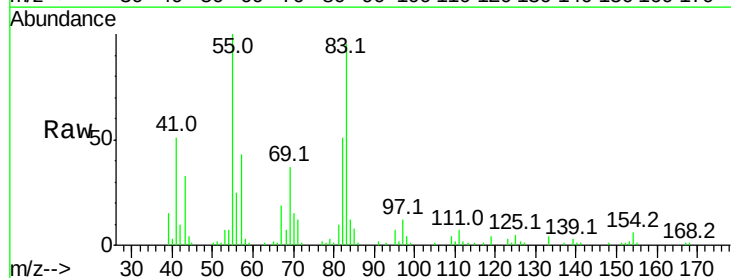
Instrument :
BNA_F
ClientSampled :

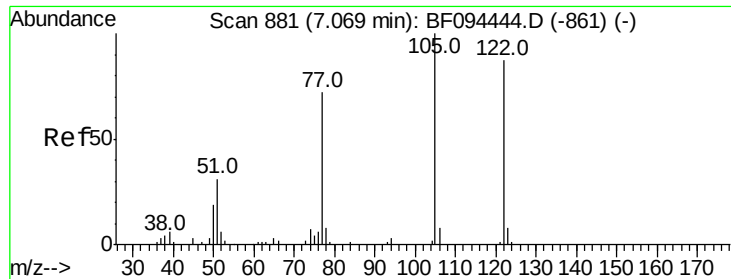
Tot Ion: 82 Resp: 641384
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 66.8 42.2 63.2#



#26
2-Nitrophenol
Concen: 6.38 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF096294.D
Acq: 29 Jun 2017 16:22

Tgt Ion:139 Resp: 1764
Ion Ratio Lower Upper
139 100
109 133.8 21.0 31.6#
65 63.4 33.0 49.6#





#32

Benzoic acid

Concen: 8.90 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.09 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

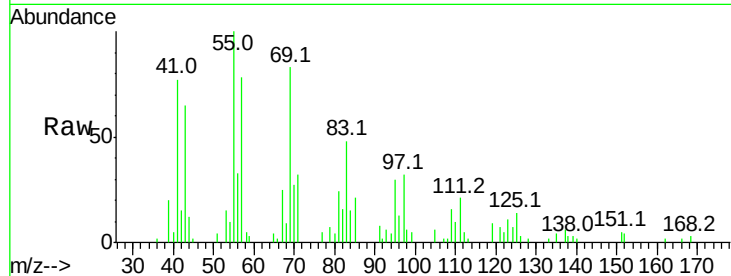
Tot Ion:122 Resp: 901

Ion Ratio Lower Upper

122 100

105 121.8 103.3 143.3

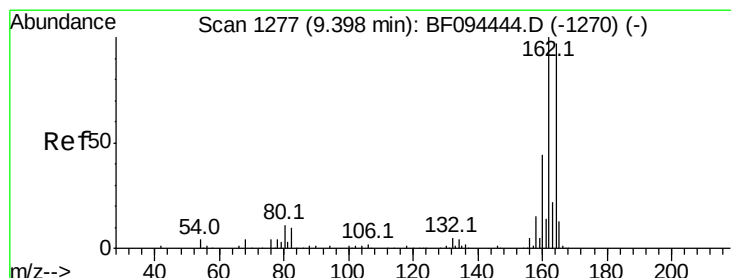
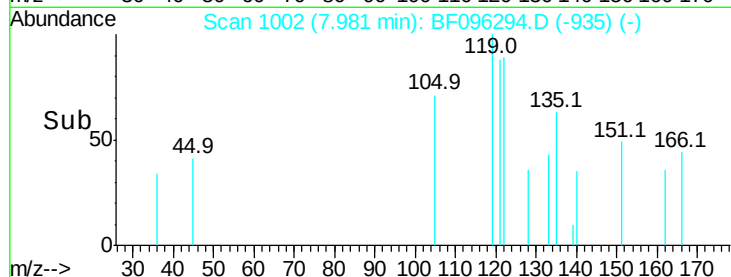
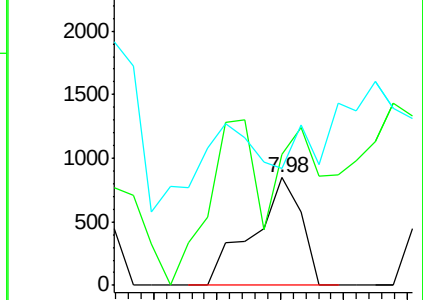
77 107.9 73.7 113.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

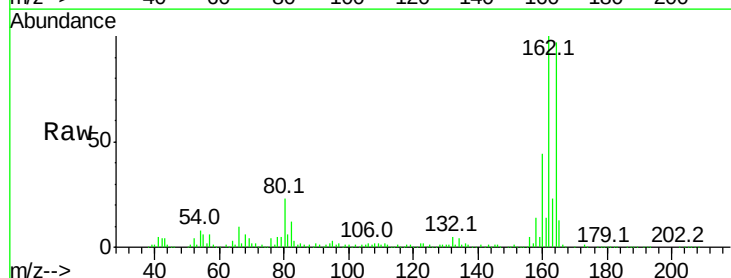
Tgt Ion:164 Resp: 239850

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

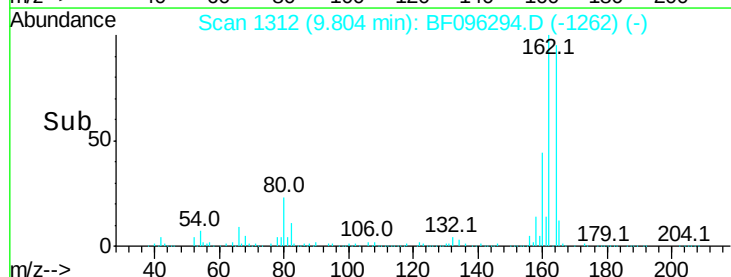
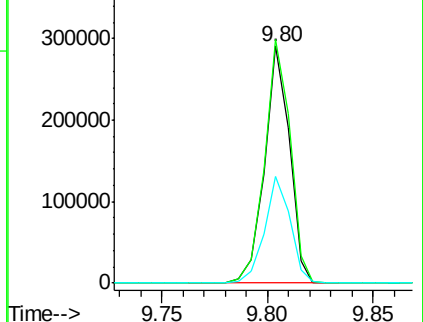
160 45.0 36.2 54.2

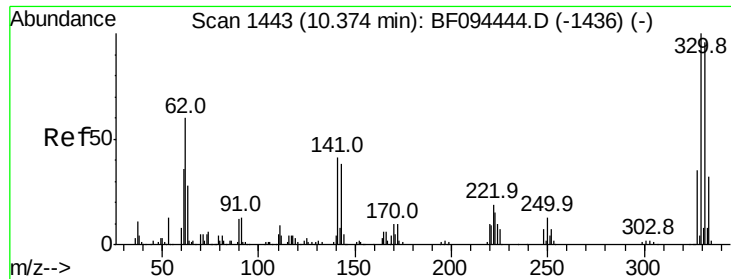


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

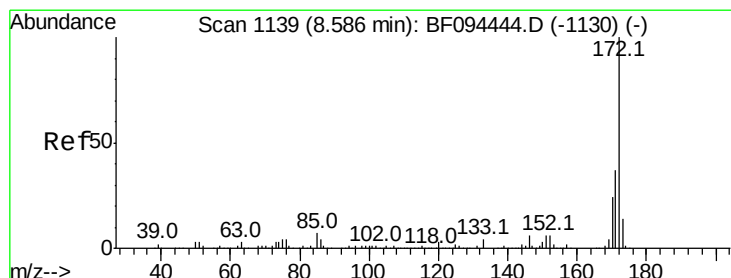
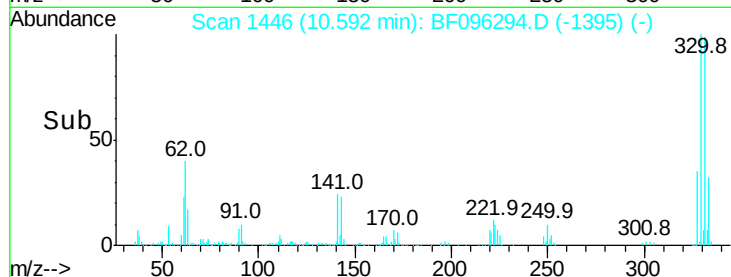
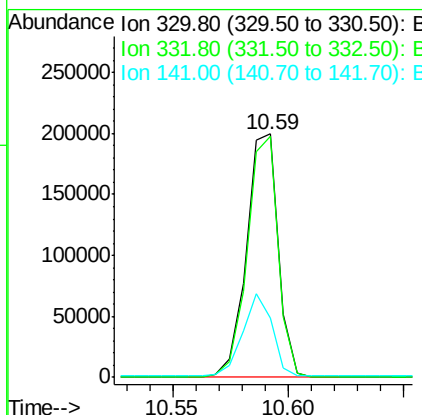
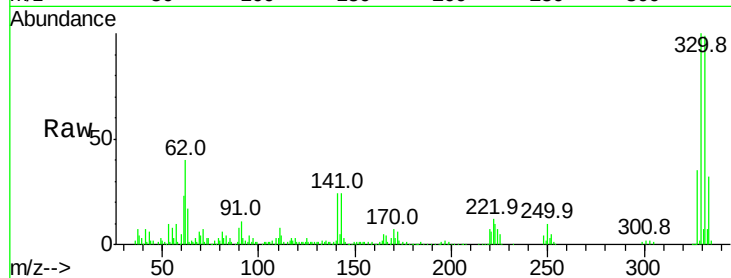




#41
 2,4,6-Tribromophenol
 Concen: 101.82 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

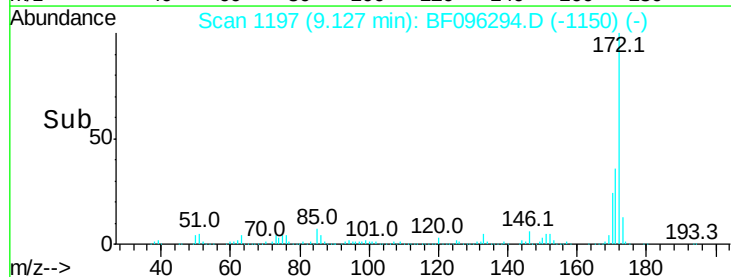
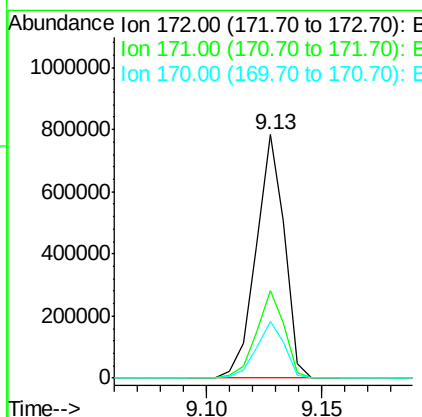
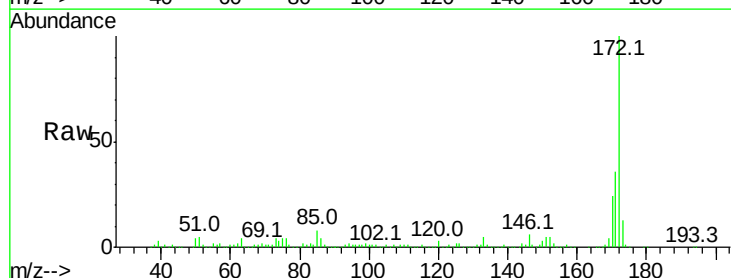
Instrument :
 BNA_F
 ClientSampleId :

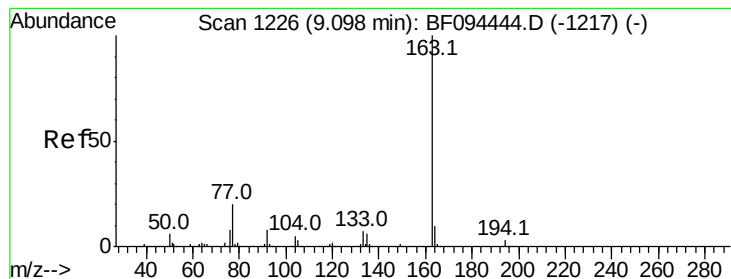
Tot Ion:330 Resp: 192189
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 31.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 51.10 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

Tgt Ion:172 Resp: 669310
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.5 19.8 29.8





#49

Dimethylphthalate

Concen: 17.30 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

Instrument :

BNA_F

ClientSampled :

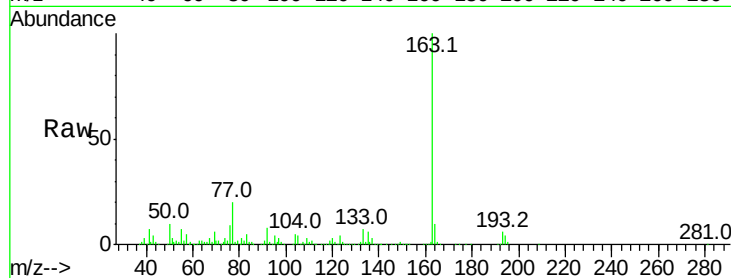
Tot Ion:163 Resp: 296960

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

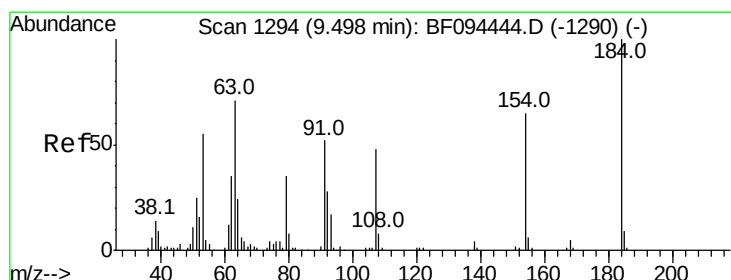
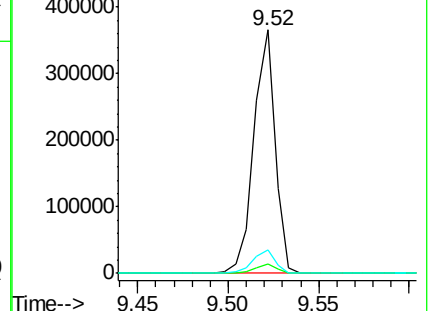
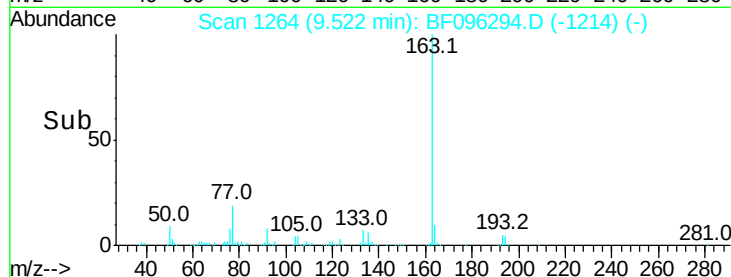
164 9.6 8.4 12.6



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: 7.86 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.22 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

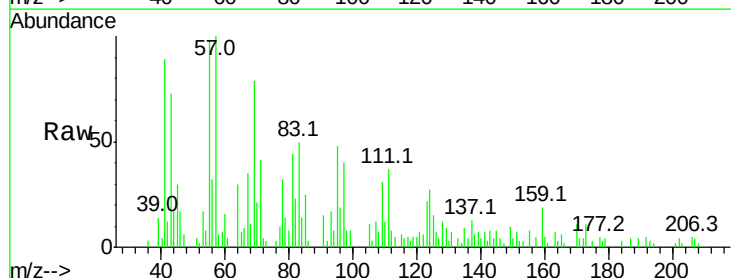
Tgt Ion:184 Resp: 368

Ion Ratio Lower Upper

184 100

63 0.0 62.7 94.1#

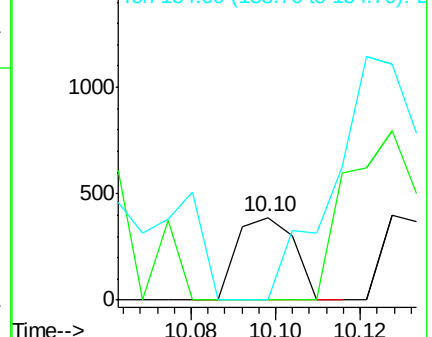
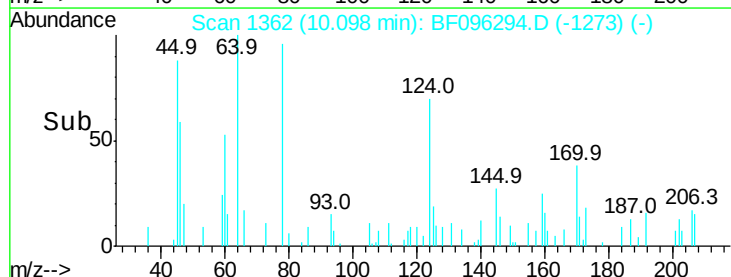
154 0.0 81.1 121.7#

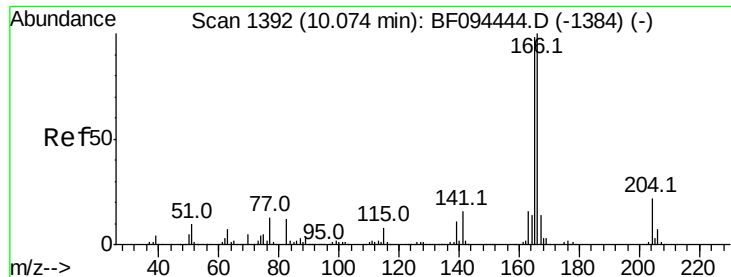


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

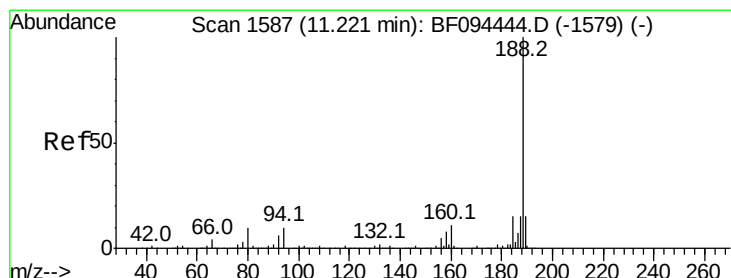
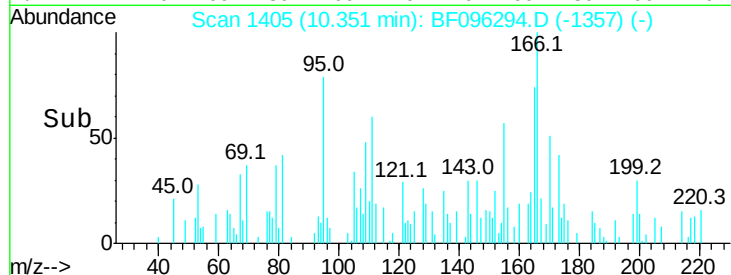
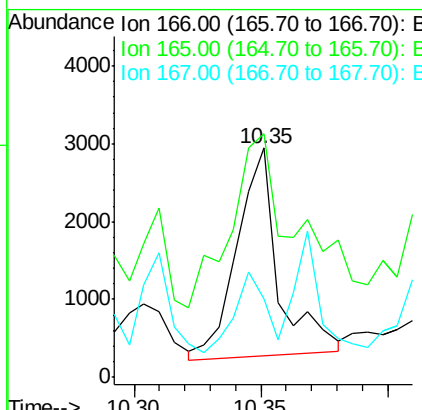
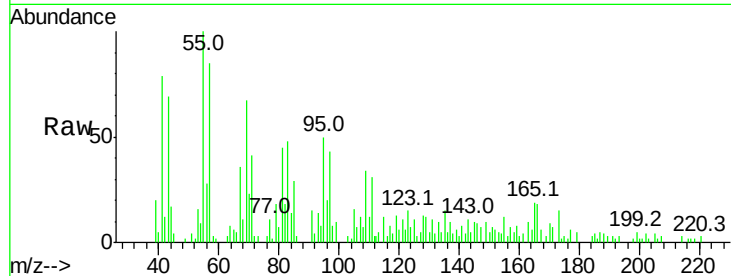




#57
 Fluorene
 Concen: Below Cal
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

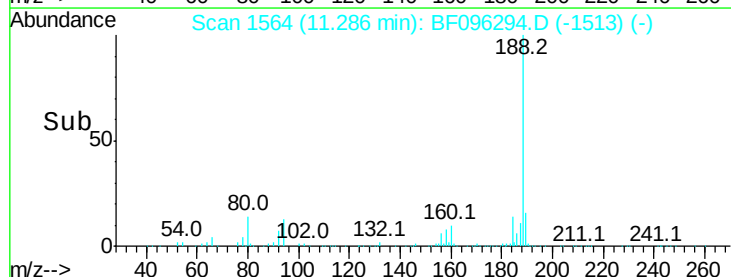
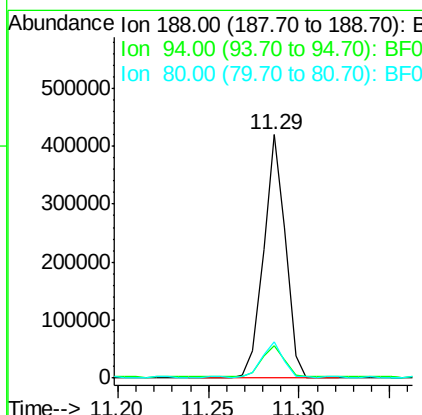
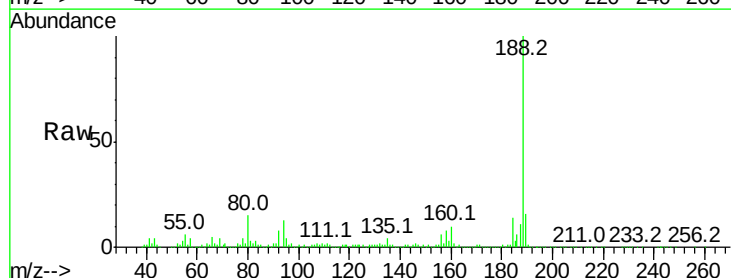
Instrument :
 BNA_F
 ClientSampleId :

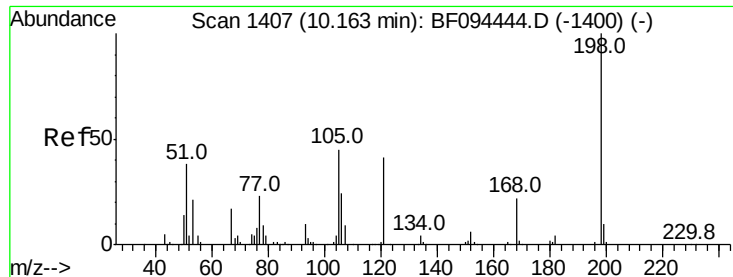
Tot Ion:166 Resp: 3063
 Ion Ratio Lower Upper
 166 100
 165 106.2 78.8 118.2
 167 34.1 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

Tgt Ion:188 Resp: 350925
 Ion Ratio Lower Upper
 188 100
 94 13.5 9.4 14.2
 80 14.9 10.2 15.2

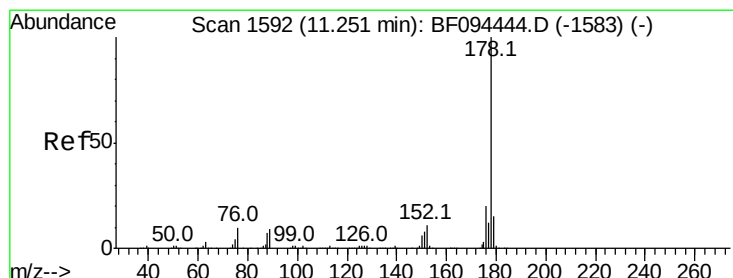
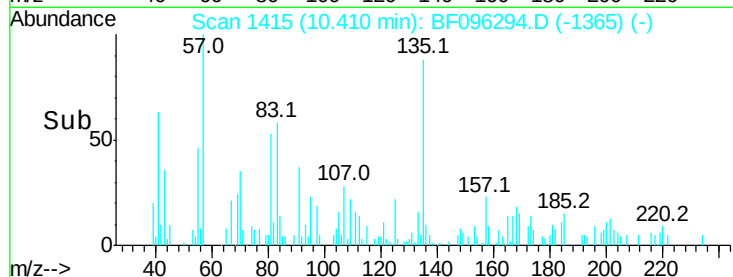
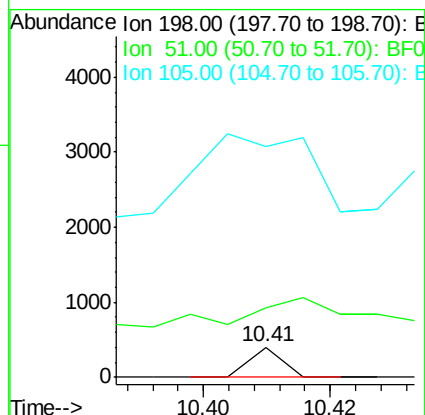
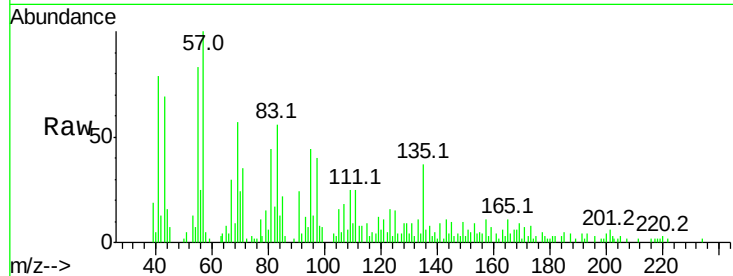




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.81 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

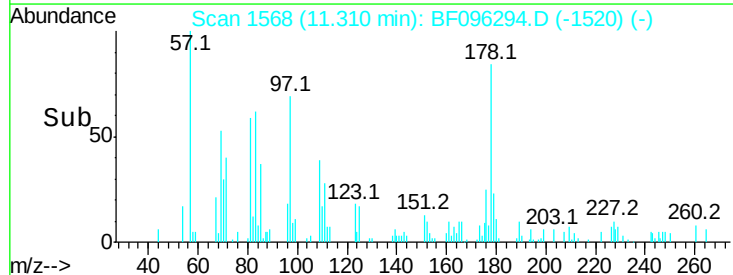
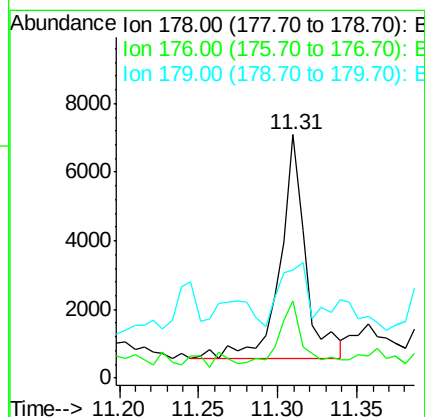
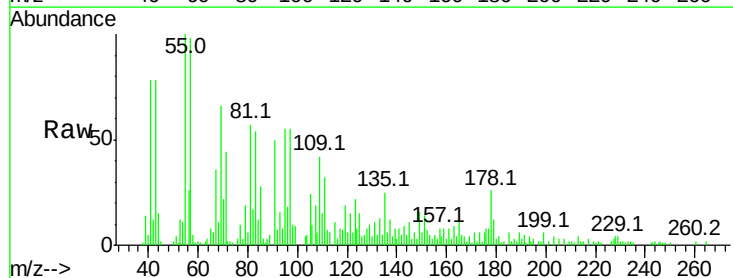
Instrument :
 BNA_F
 ClientSampleId :

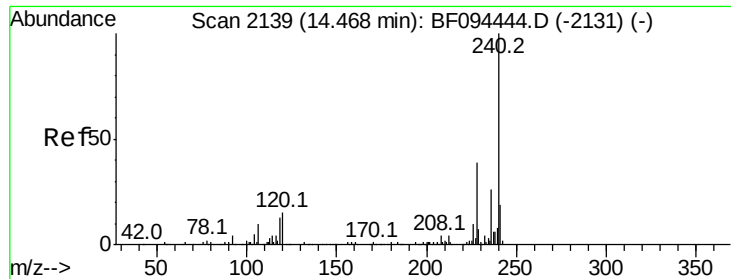
Tot Ion:198 Resp: 140
 Ion Ratio Lower Upper
 198 100
 51 234.7 53.2 93.2#
 105 771.9 45.8 85.8#



#70
 Phenanthrene
 Concen: Below Cal
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

Tgt Ion:178 Resp: 7328
 Ion Ratio Lower Upper
 178 100
 176 31.9 16.2 24.4#
 179 44.2 12.6 19.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

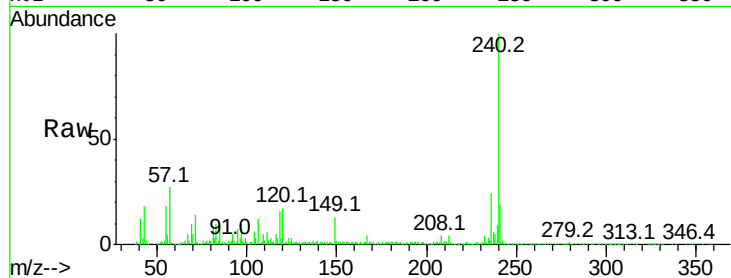
Tot Ion:240 Resp: 325552

Ion Ratio Lower Upper

240 100

120 17.3 5.8 8.8#

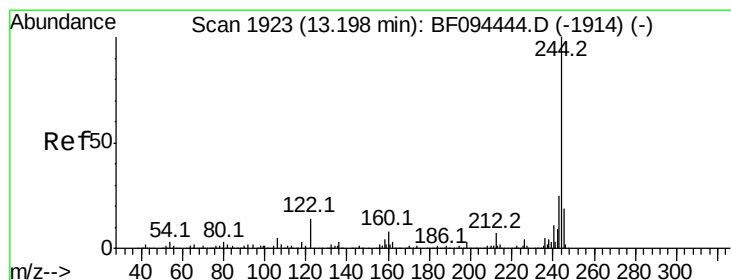
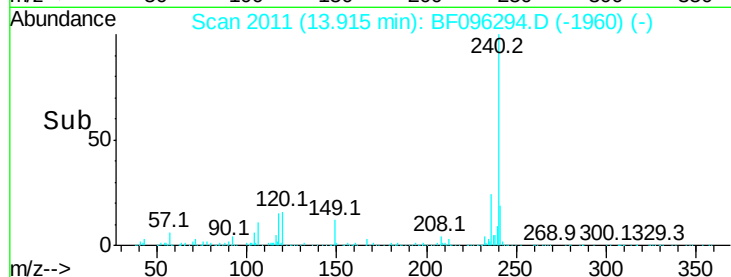
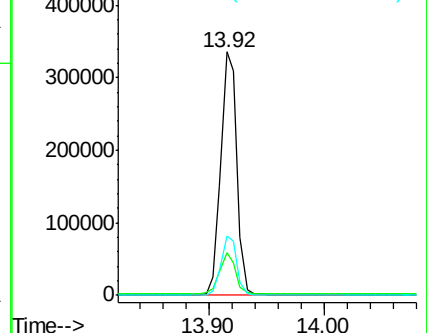
236 24.3 20.5 30.7



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: 31.58 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096294.D

Acq: 29 Jun 2017 16:22

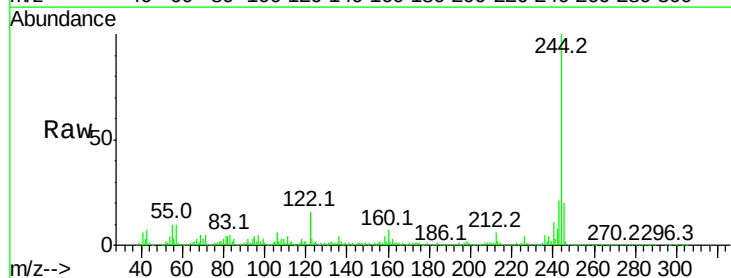
Tgt Ion:244 Resp: 411968

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

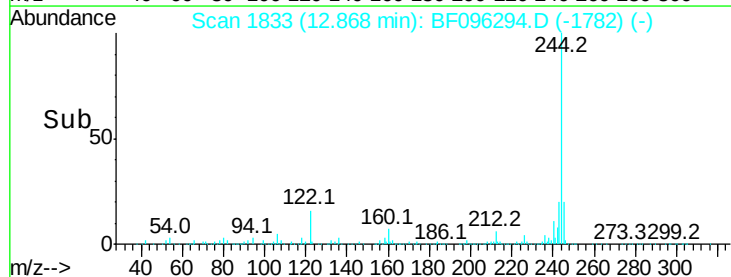
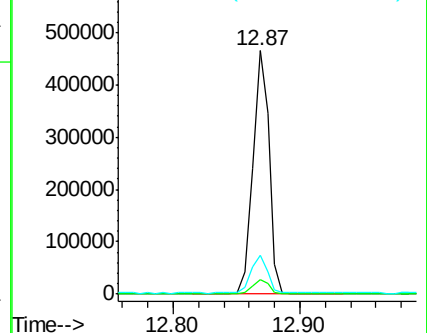
122 16.0 10.3 15.5#

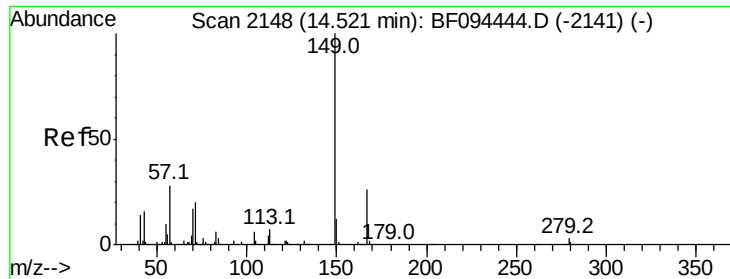


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

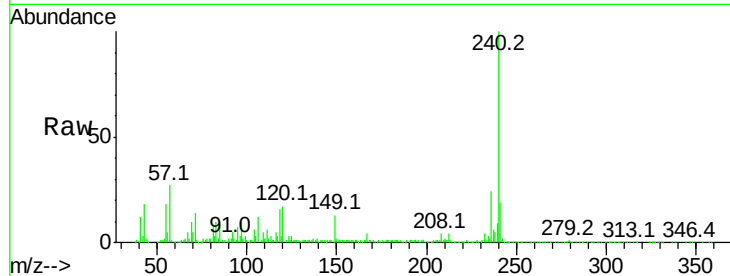




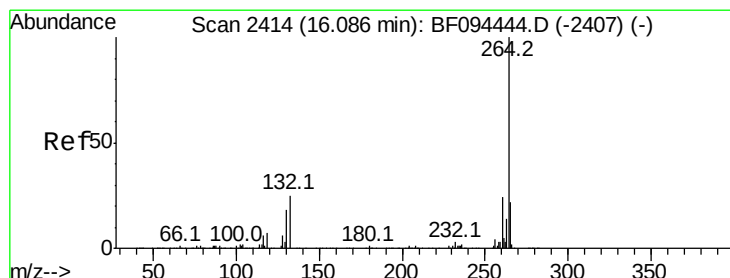
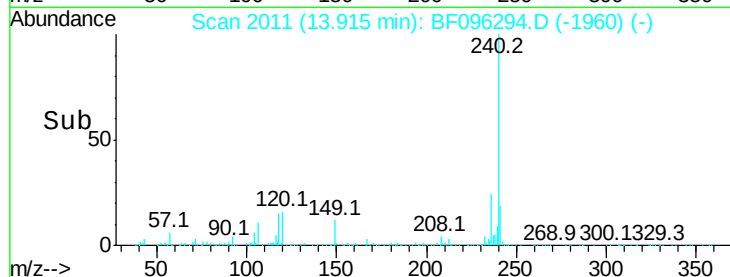
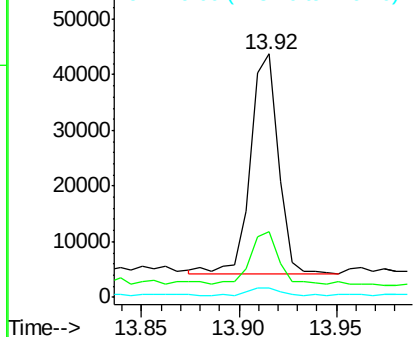
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.94 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 39213
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.4
 279 4.1 1.9 2.9#

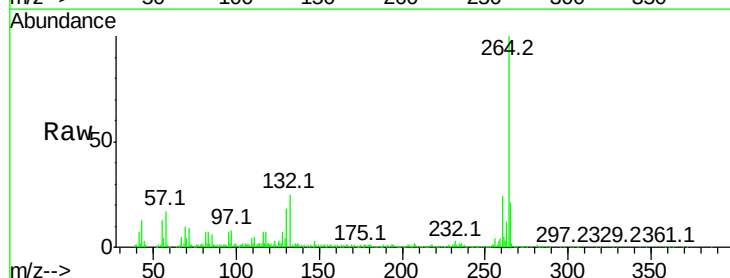


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BF096294.D
 Acq: 29 Jun 2017 16:22

Tgt Ion:264 Resp: 253064
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.9 17.2 25.8



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

