

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098449.D
 Acq On : 12 Sep 2017 14:44
 Operator : SJ/JU
 Sample : I5156-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-A

Quant Time: Sep 12 15:16:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

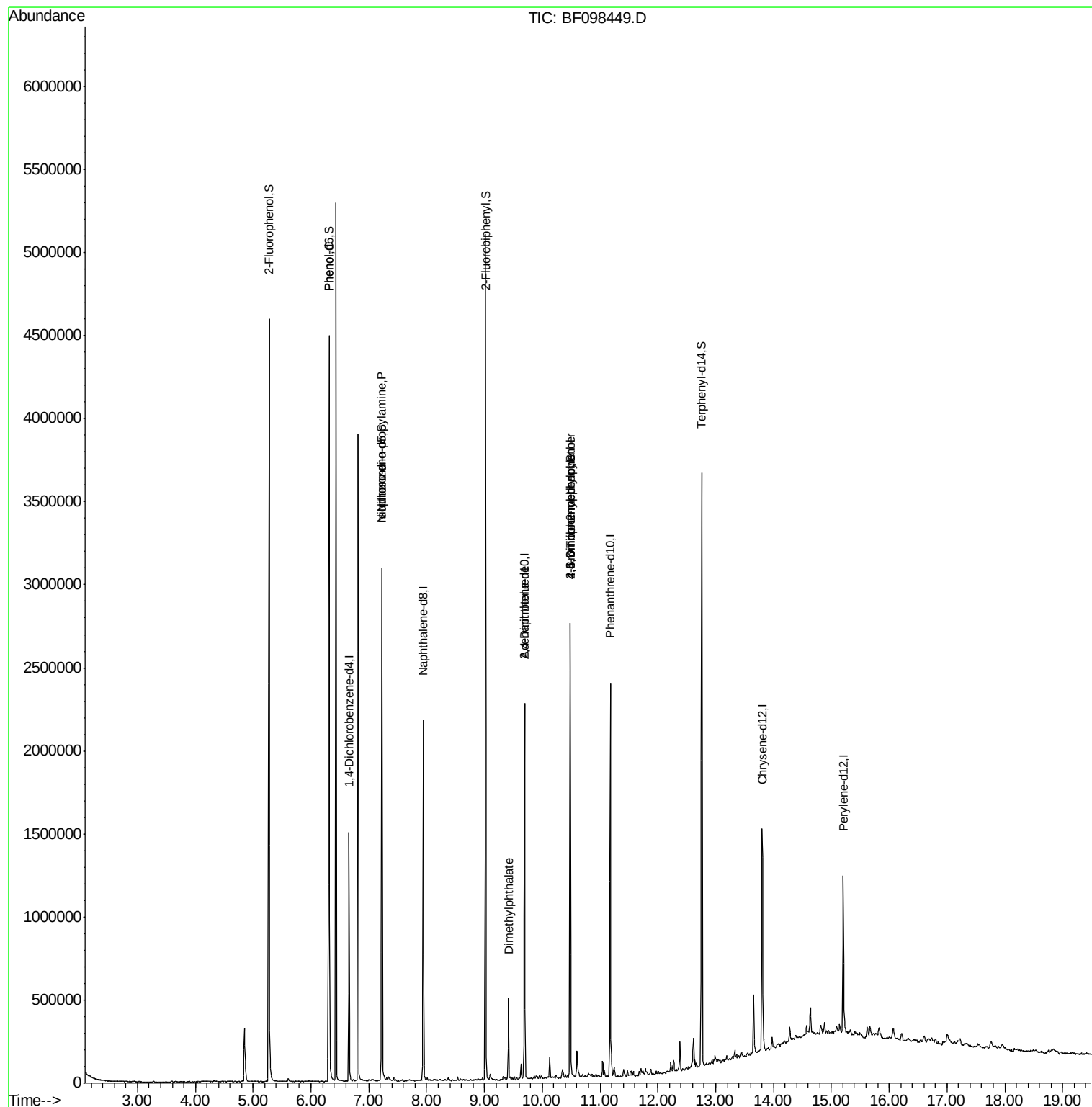
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	214599	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	916944	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	405887	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	720946	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	423133	20.00	ng	-0.01
86) Perylene-d12	15.21	264	396246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1373286	94.62	ng	0.00
7) Phenol-d6	6.32	99	1721936	93.44	ng	0.00
23) Nitrobenzene-d5	7.23	82	1042128	63.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	275880	101.84	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1482612	61.91	ng	-0.01
78) Terphenyl-d14	12.76	244	1107170	56.48	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	60607	2.831	ng	90
19) n-Nitroso-di-n-propylamine	7.23	70	142929	12.330	ng	# 79
25) Isophorone	7.23	82	1019474	30.635	ng	# 67
49) Dimethylphthalate	9.42	163	162890	5.184	ng	99
56) 2,4-Dinitrotoluene	9.69	165	52757	6.724	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.48	198	748	5.116	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	21040	3.075	ng	# 1

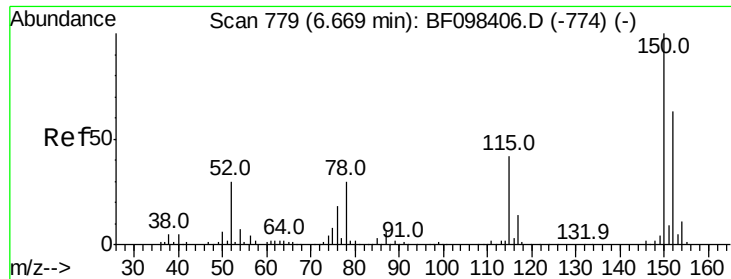
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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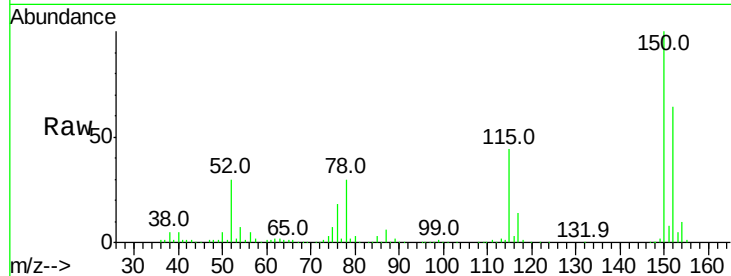


#1

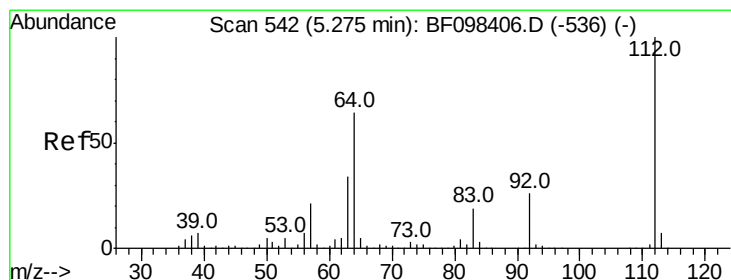
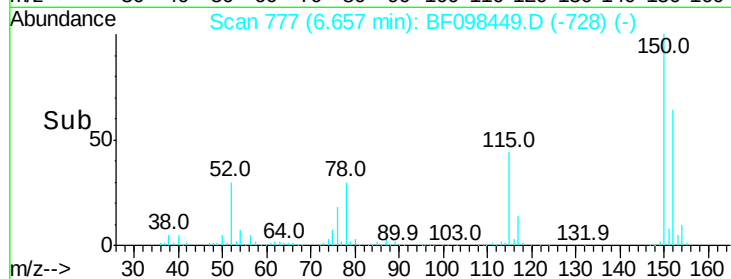
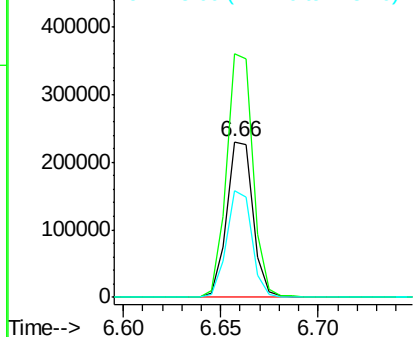
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-A

Tot Ion:152 Resp: 214599
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 68.6 52.2 78.2



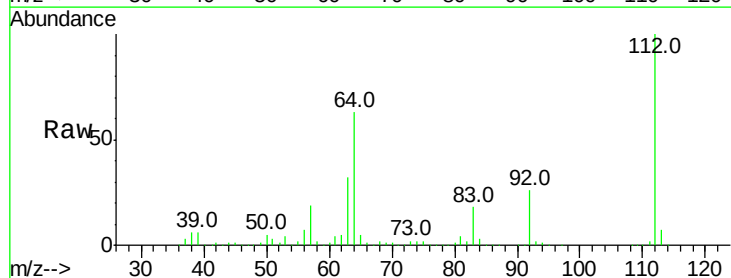
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



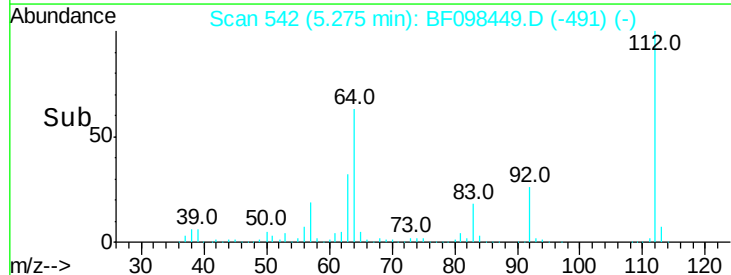
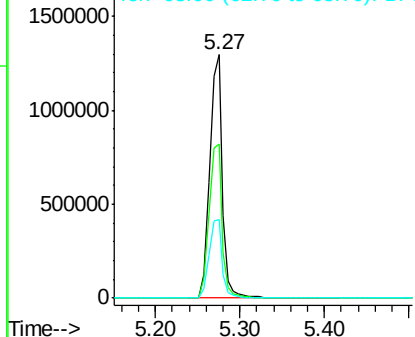
#5

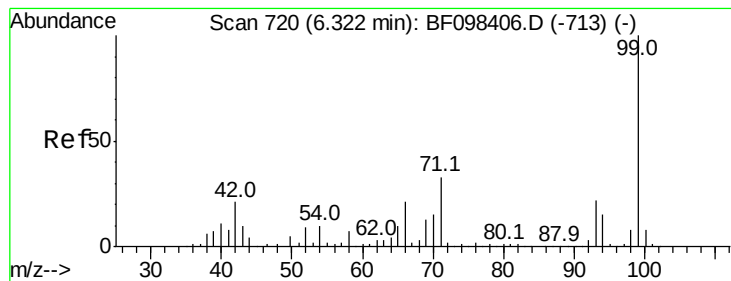
2-Fluorophenol
Concen: 94.615 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion:112 Resp: 1373286
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 32.4 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: 93.439 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098449.D

Acq: 12 Sep 2017 14:44

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-A

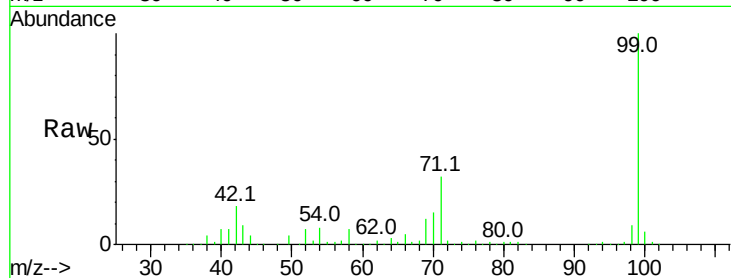
Tot Ion: 99 Resp: 1721936

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

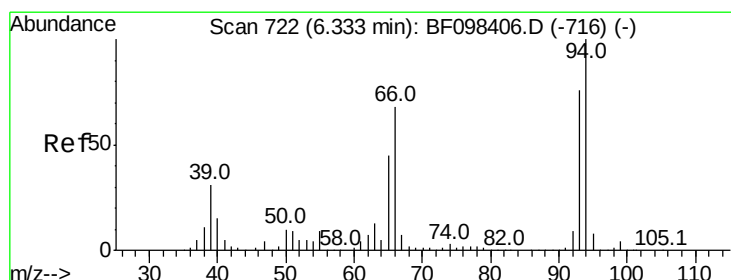
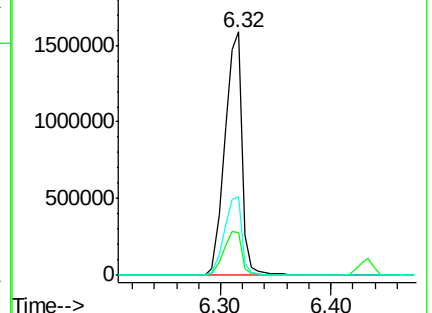
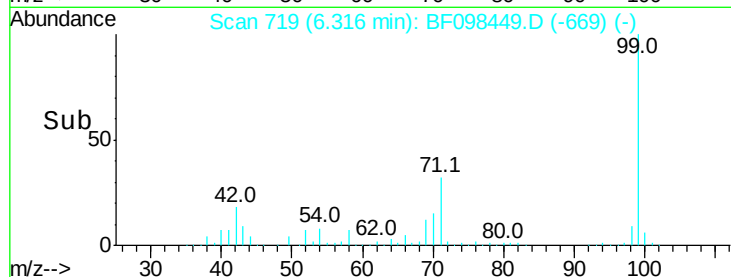
71 32.5 24.5 36.7



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: 2.831 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098449.D

Acq: 12 Sep 2017 14:44

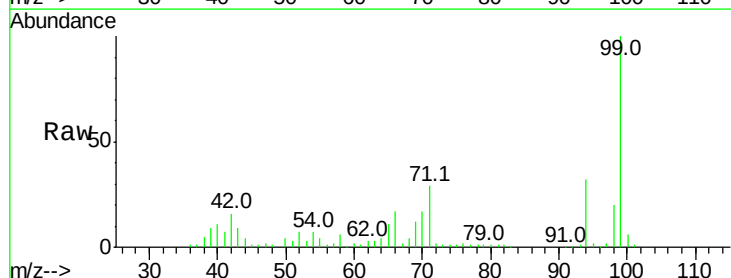
Tgt Ion: 94 Resp: 60607

Ion Ratio Lower Upper

94 100

65 33.5 9.9 49.9

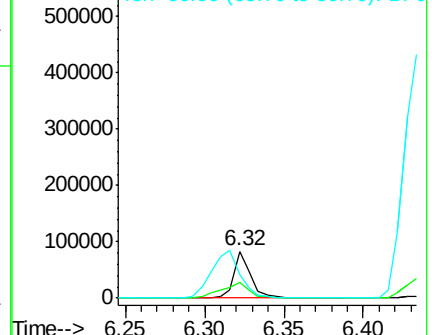
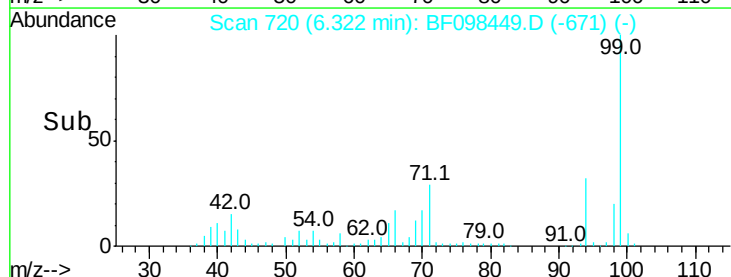
66 51.5 23.1 63.1

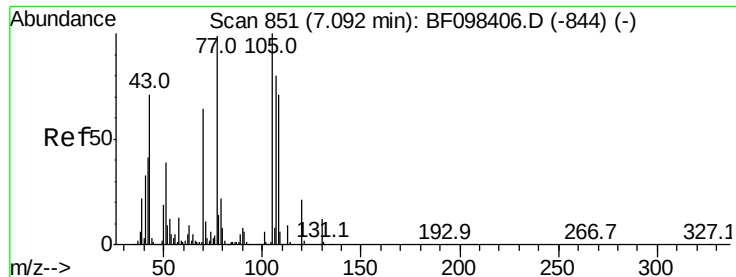


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 12.330 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF098449.D

Acq: 12 Sep 2017 14:44

Instrument :

BNA_F

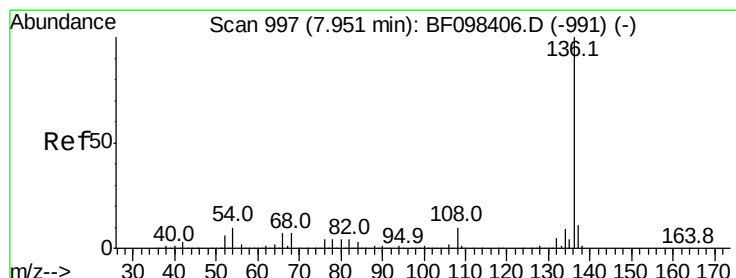
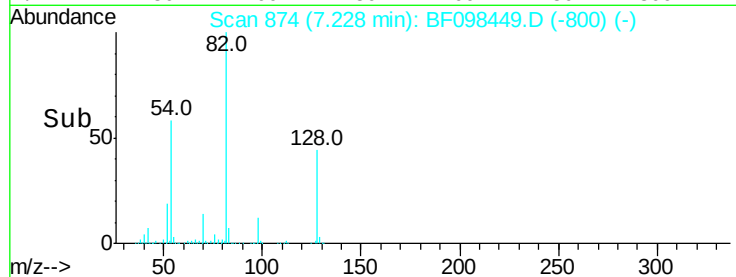
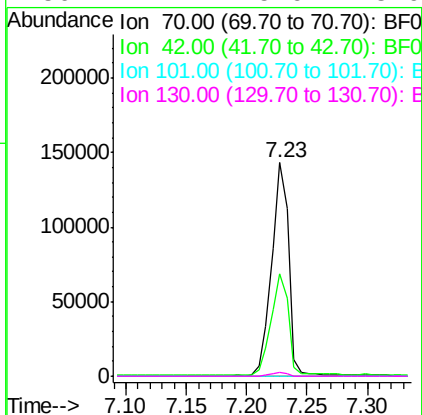
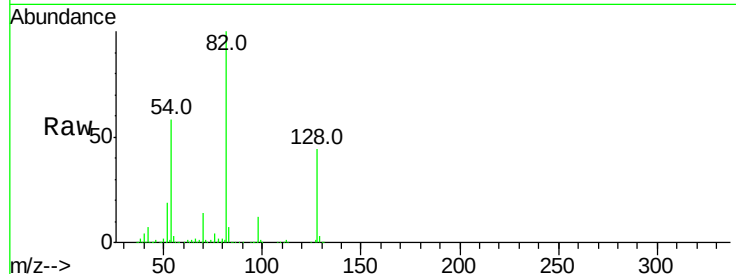
ClientSampleId :

FK-GF-02-011-A

Tot Ion: 70 Resp: 142929

Ion Ratio Lower Upper

70	100		
42	48.2	47.2	70.8
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

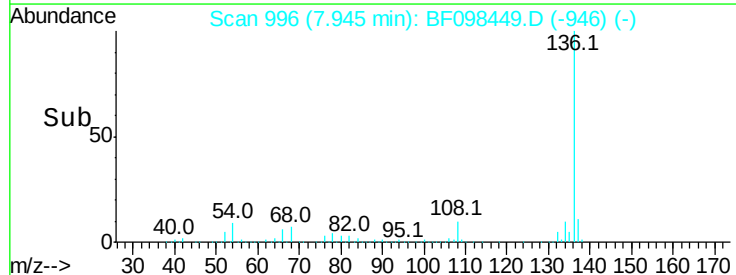
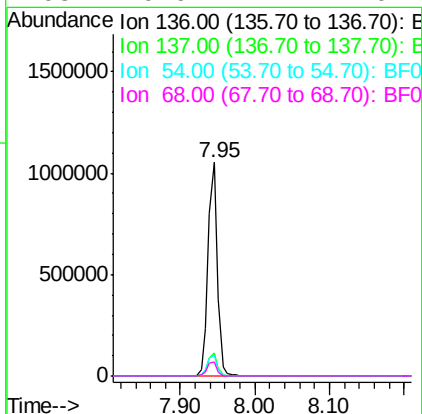
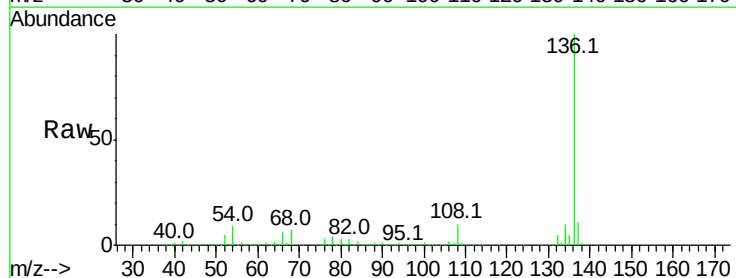
Lab File: BF098449.D

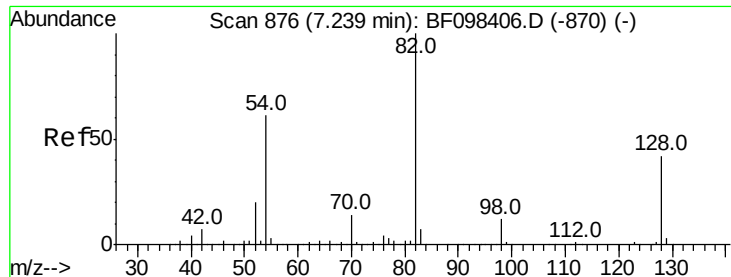
Acq: 12 Sep 2017 14:44

Tgt Ion: 136 Resp: 916944

Ion Ratio Lower Upper

136	100		
137	11.0	8.5	12.7
54	9.4	4.9	7.3#
68	6.9	4.1	6.1#

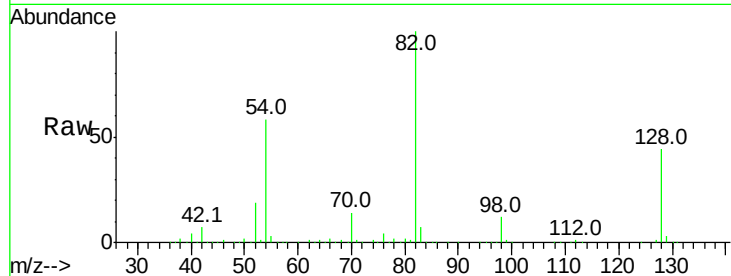




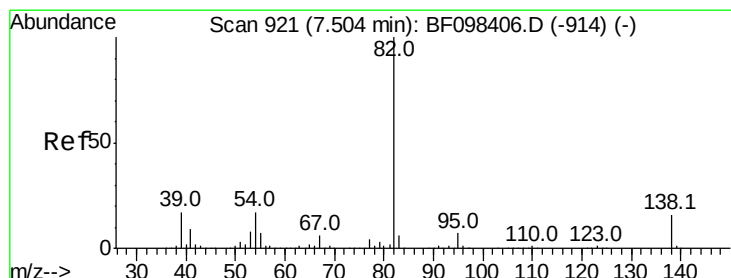
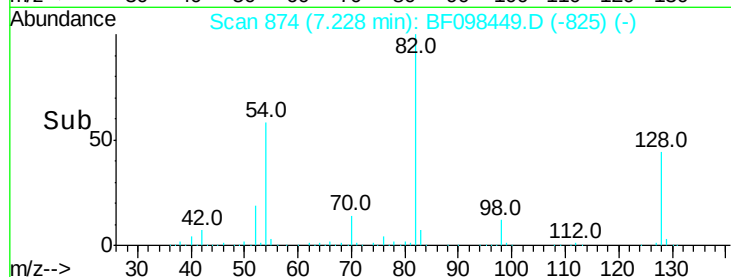
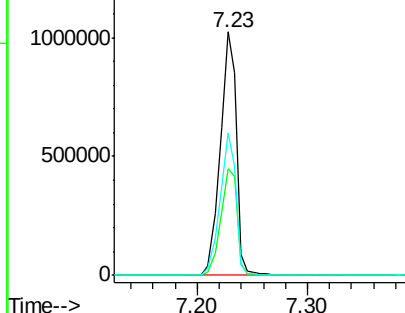
#23
Nitrobenzene-d5
Concen: 63.361 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-A

Tot Ion: 82 Resp: 1042128
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 58.4 42.2 63.2

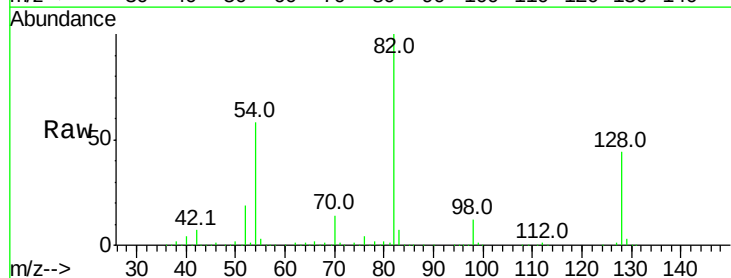


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

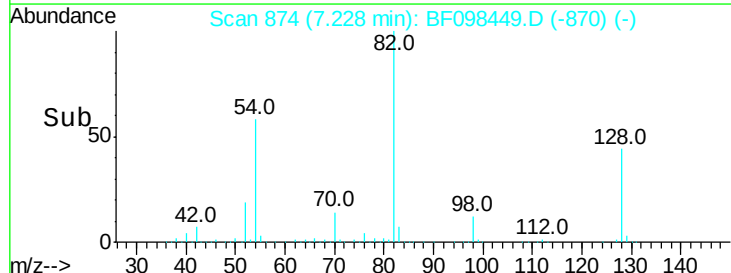
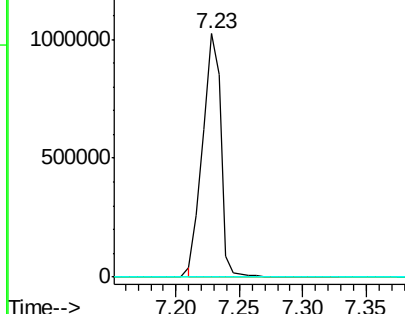


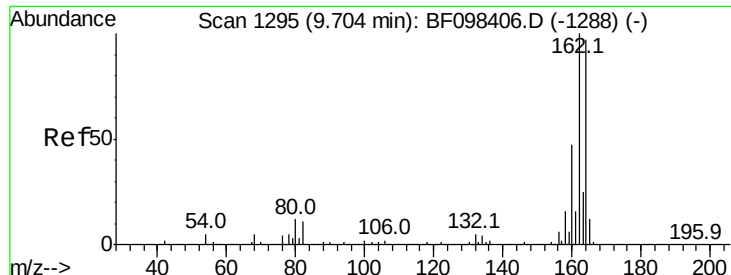
#25
Isophorone
Concen: 30.635 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.28 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Tgt Ion: 82 Resp: 1019474
Ion Ratio Lower Upper
82 100
95 0.0 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

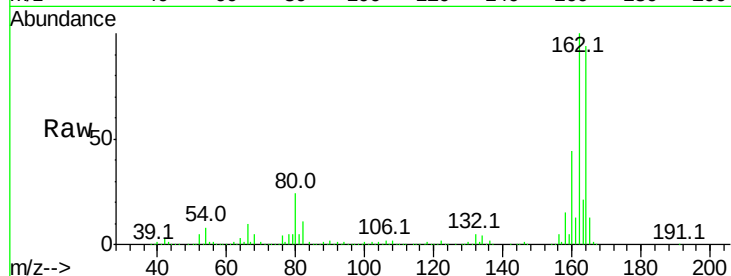




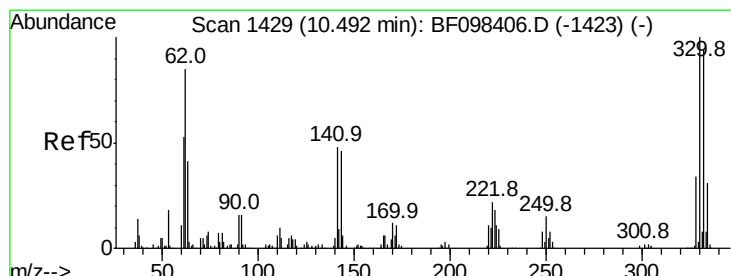
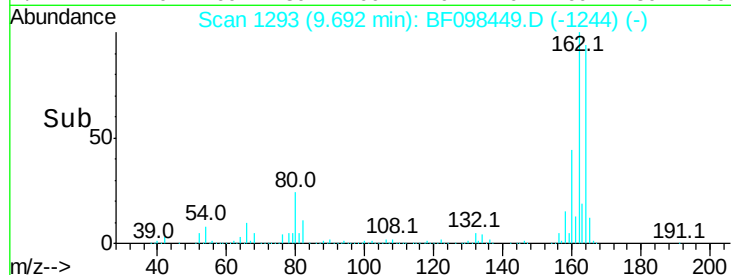
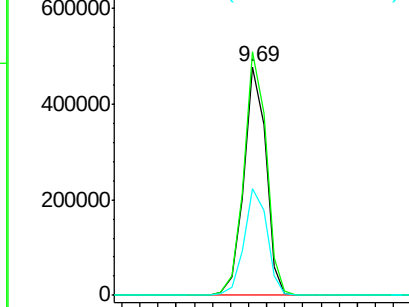
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098449.D
 Acq: 12 Sep 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-A

Tot Ion:164 Resp: 405887
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.6 123.8
 160 46.6 36.2 54.2

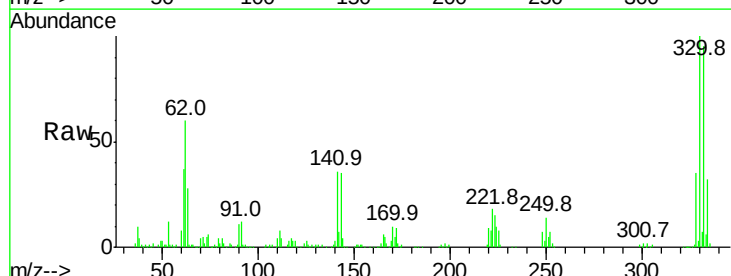


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

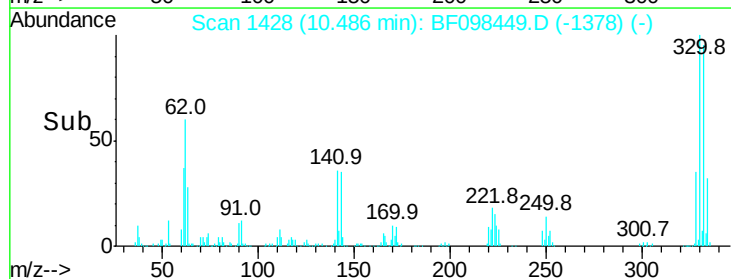
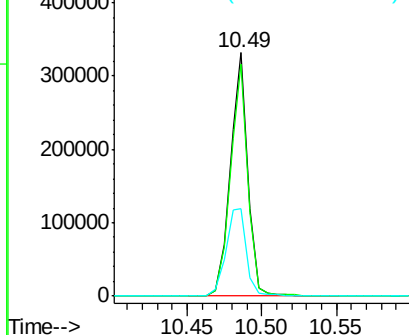


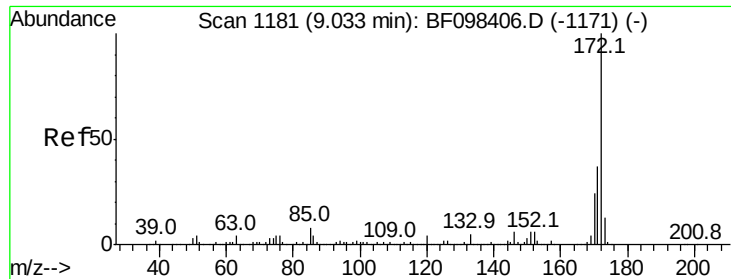
#41
 2,4,6-Tribromophenol
 Concen: 101.840 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098449.D
 Acq: 12 Sep 2017 14:44

Tgt Ion:330 Resp: 275880
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 42.4 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: 61.911 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF098449.D

Acq: 12 Sep 2017 14:44

Instrument :

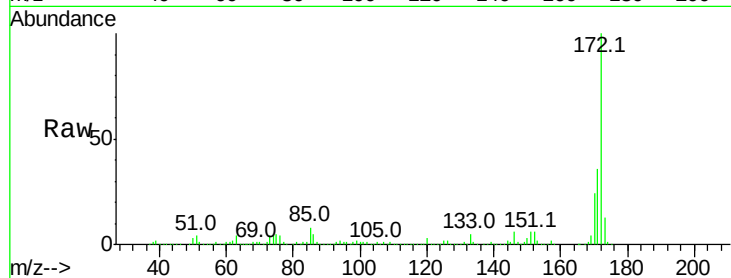
BNA_F

ClientSampleId :

FK-GF-02-011-A

Tot Ion:172 Resp: 1482612

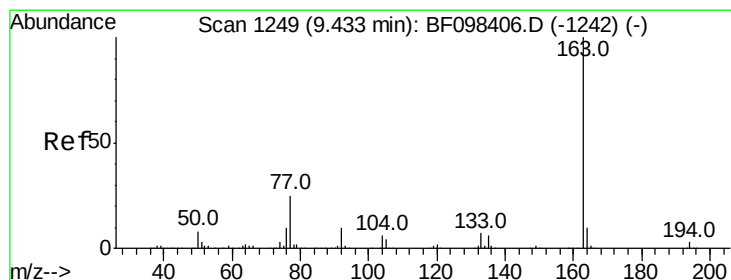
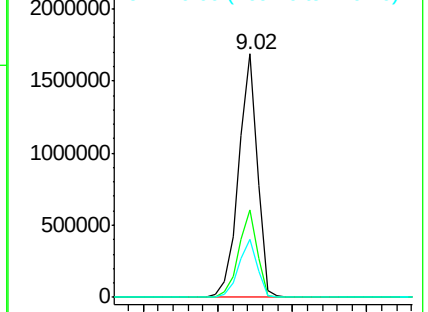
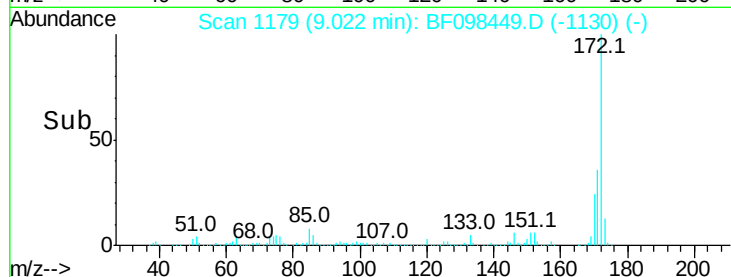
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8



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: 5.184 ng

RT: 9.42 min Scan# 1246

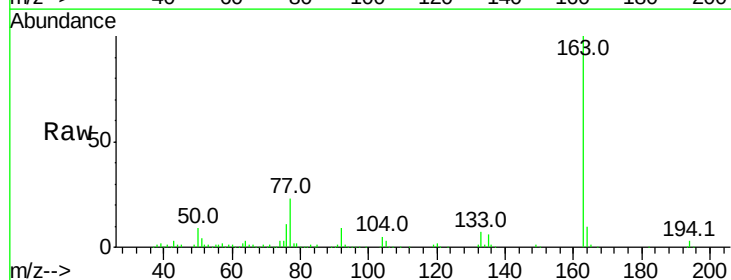
Delta R.T. -0.02 min

Lab File: BF098449.D

Acq: 12 Sep 2017 14:44

Tgt Ion:163 Resp: 162890

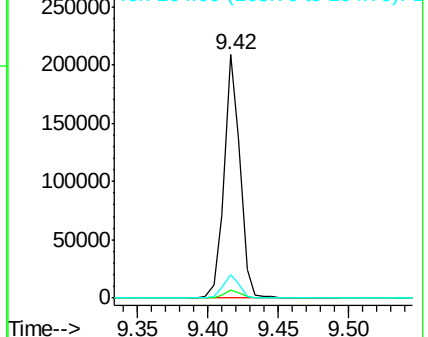
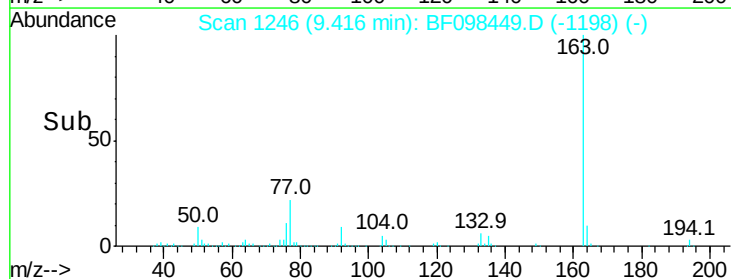
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6

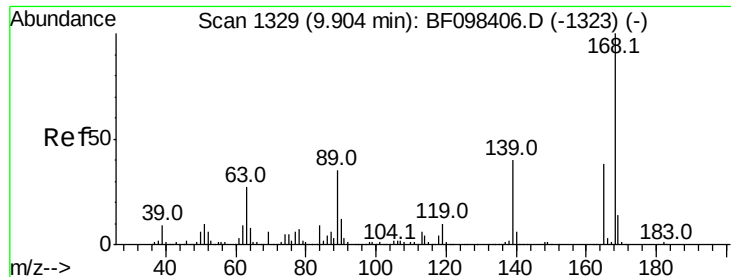


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

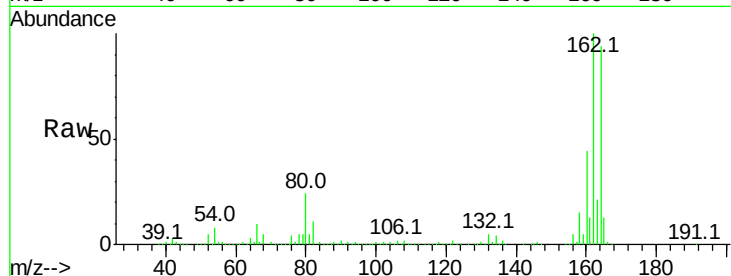




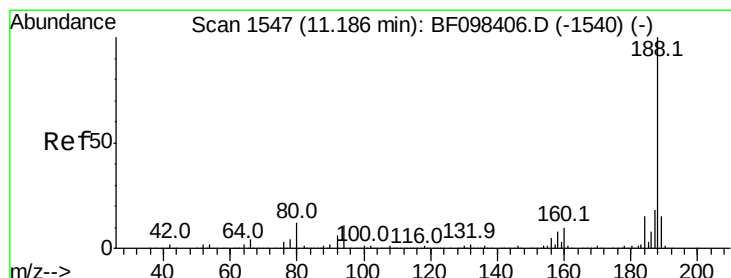
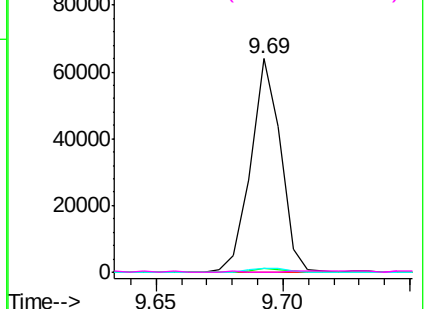
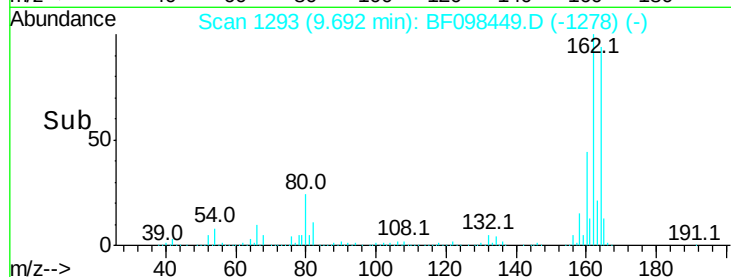
#56
 2,4-Dinitrotoluene
 Concen: 6.724 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098449.D
 Acq: 12 Sep 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-A

Tot Ion:165 Resp: 52757
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.9 46.4 69.6#
 182 0.0 1.8 2.6#

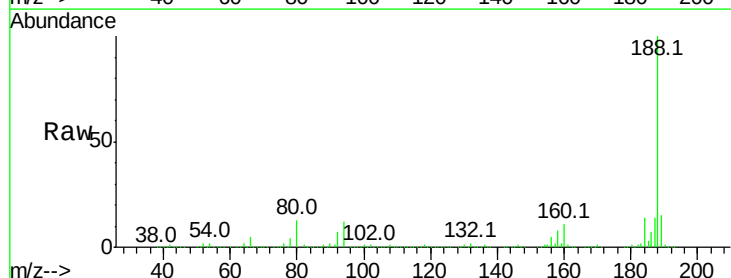


Abundance Ion 165.00 (164.70 to 165.70): E
 100000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

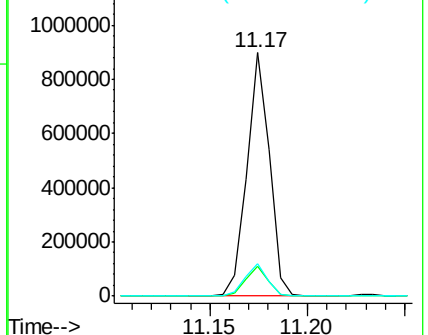
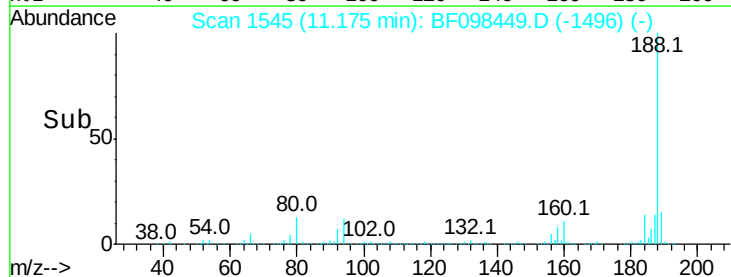


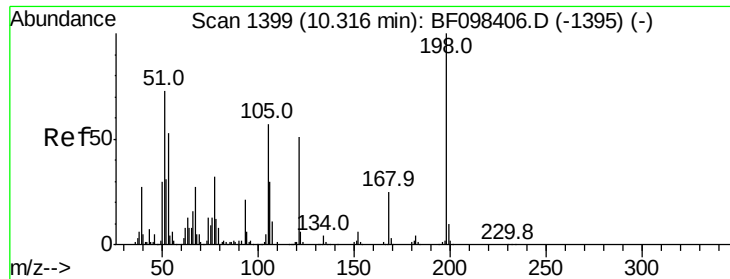
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098449.D
 Acq: 12 Sep 2017 14:44

Tgt Ion:188 Resp: 720946
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 13.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
 1200000
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

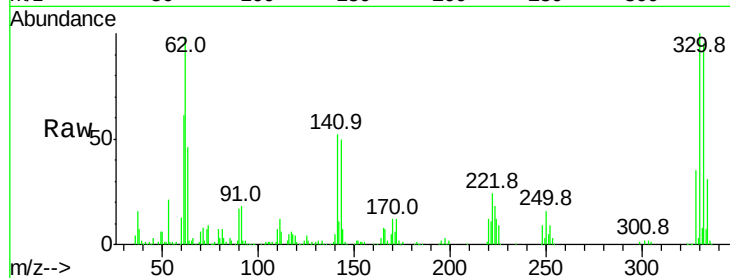




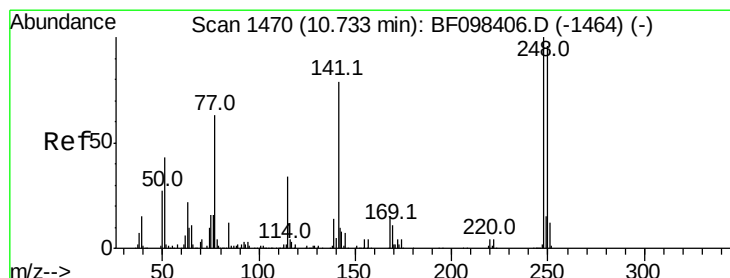
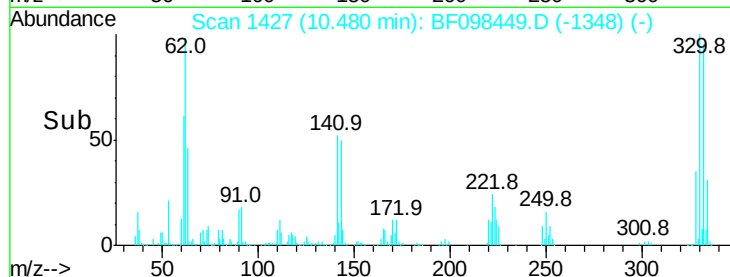
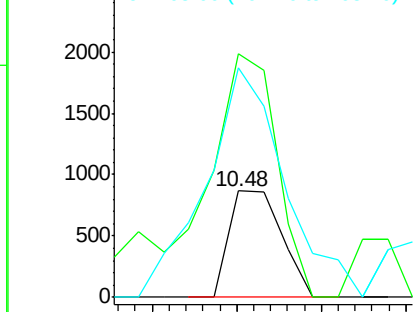
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.116 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.17 min
 Lab File: BF098449.D
 Acq: 12 Sep 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-A

Tot Ion:198 Resp: 748
 Ion Ratio Lower Upper
 198 100
 51 229.0 53.2 93.2#
 105 215.5 45.8 85.8#

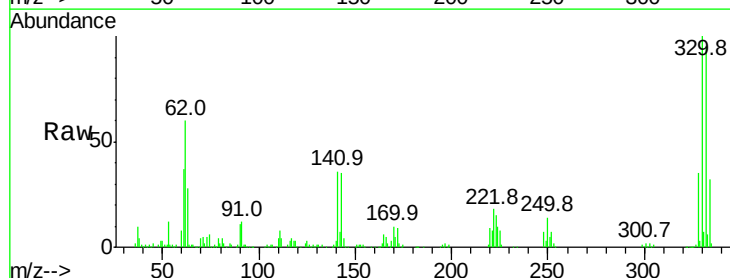


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

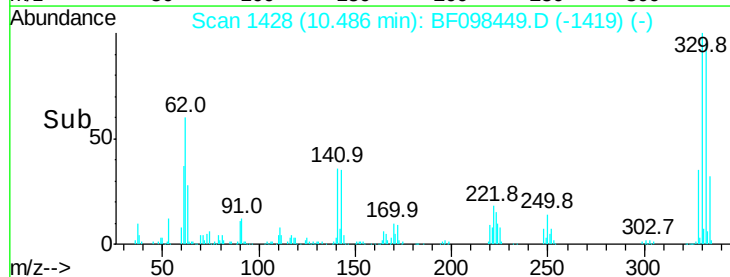
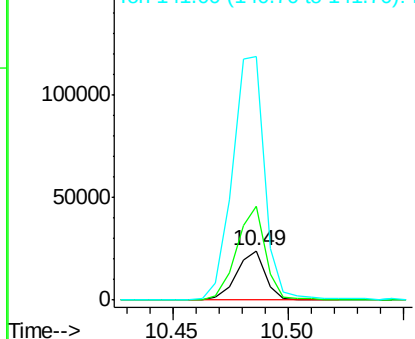


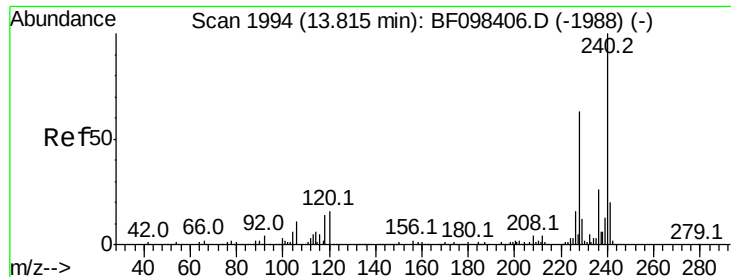
#66
 4-Bromophenyl-phenylether
 Concen: 3.075 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.25 min
 Lab File: BF098449.D
 Acq: 12 Sep 2017 14:44

Tgt Ion:248 Resp: 21040
 Ion Ratio Lower Upper
 248 100
 250 188.6 76.8 115.2#
 141 490.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098449.D

Acq: 12 Sep 2017 14:44

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-A

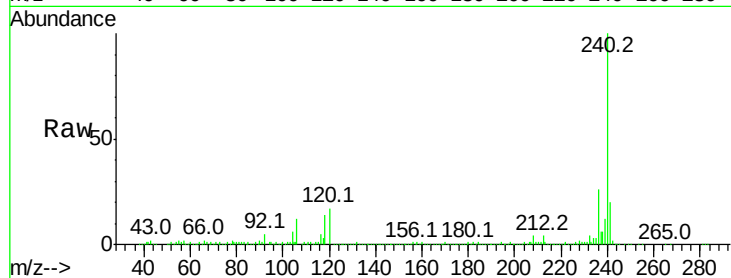
Tot Ion:240 Resp: 423133

Ion Ratio Lower Upper

240 100

120 17.1 5.8 8.8#

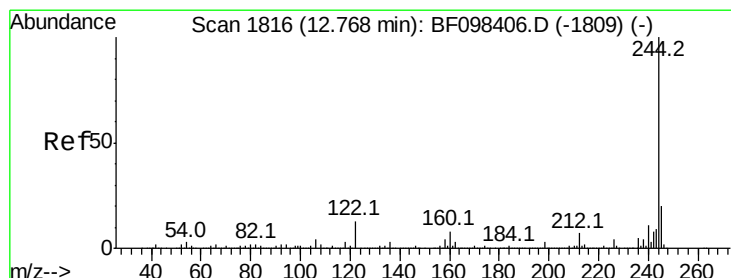
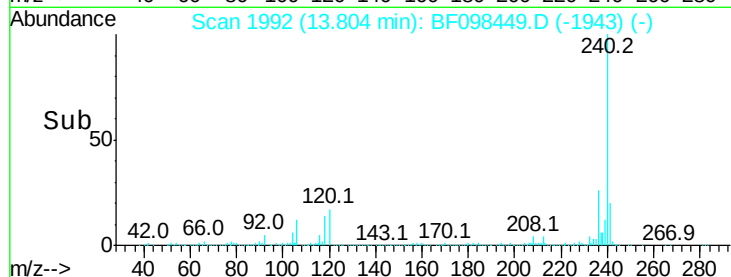
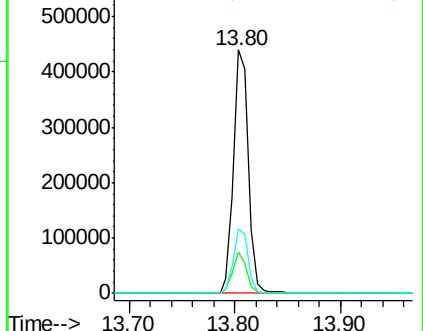
236 26.4 20.5 30.7



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: 56.478 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098449.D

Acq: 12 Sep 2017 14:44

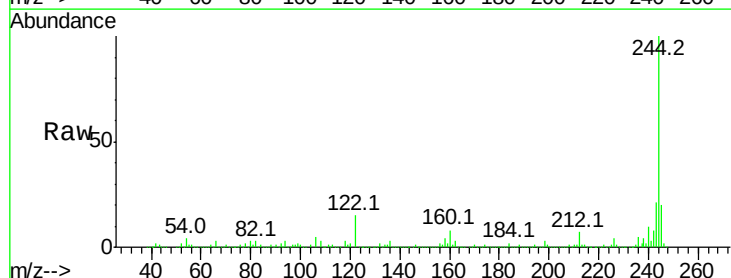
Tgt Ion:244 Resp: 1107170

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

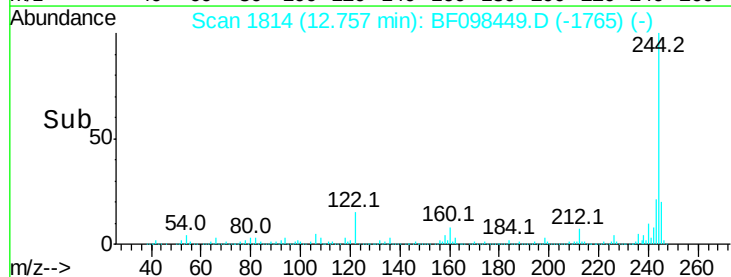
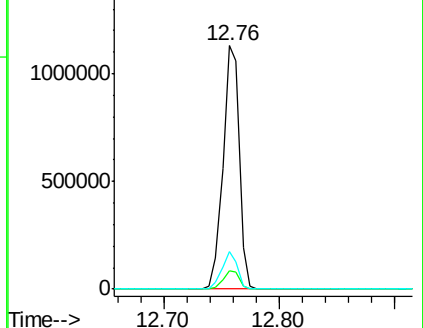
122 15.2 10.3 15.5

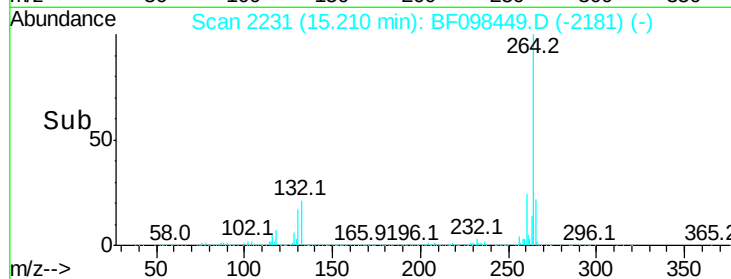
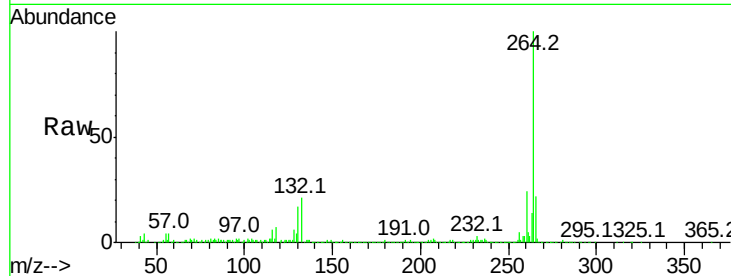
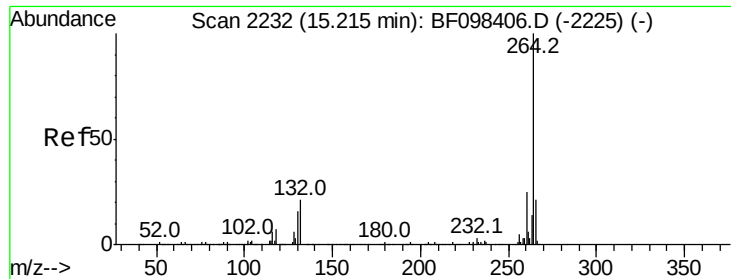


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098449.D
Acq: 12 Sep 2017 14:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.2	25.8

