

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099351.D
 Acq On : 11 Oct 2017 18:17
 Operator : SJ/JU
 Sample : PB103140BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:49:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

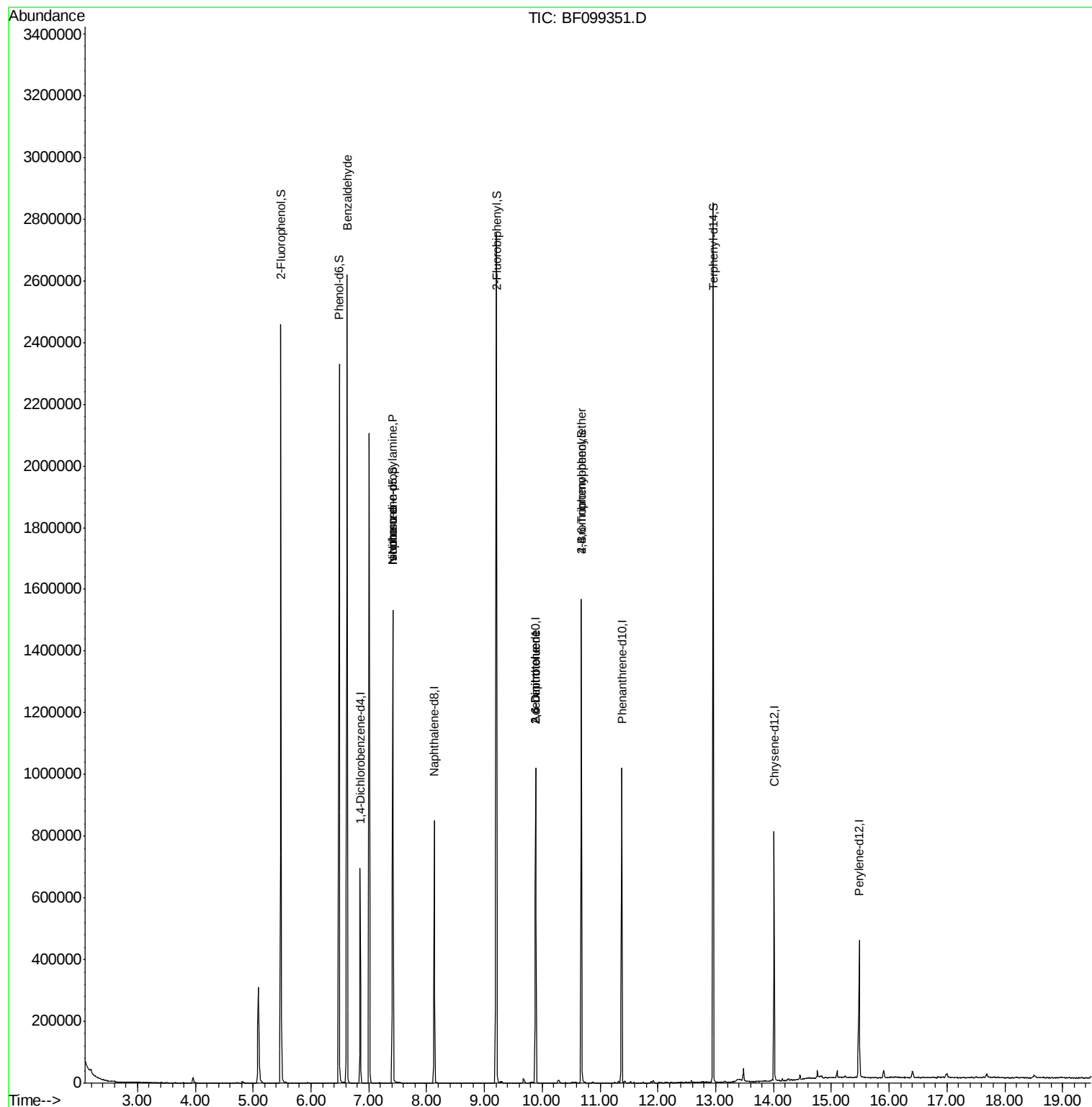
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101266	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	421048	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	194842	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	354381	20.00	ng	0.00
75) Chrysene-d12	14.01	240	264439	20.00	ng	0.00
86) Perylene-d12	15.48	264	182577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	790613	124.28	ng	0.01
7) Phenol-d6	6.49	99	927253	118.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	561603	85.54	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	208709	130.91	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1087515	93.18	ng	0.00
78) Terphenyl-d14	12.96	244	982618	84.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	15092	3.32	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	70311	14.03	ng	# 74
25) Isophorone	7.42	82	561477	41.36	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	24713	7.72	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	24713	5.95	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	14473	4.17	ng	# 1

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

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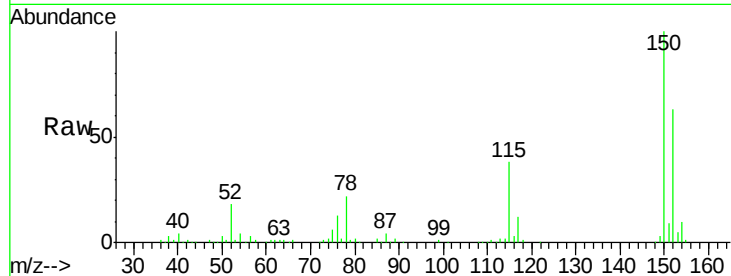


#1

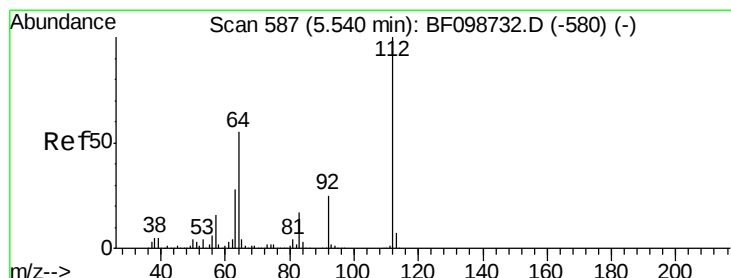
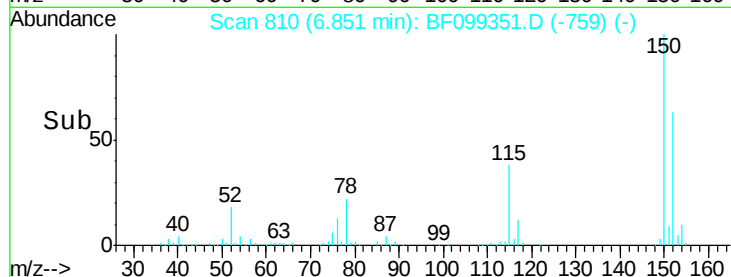
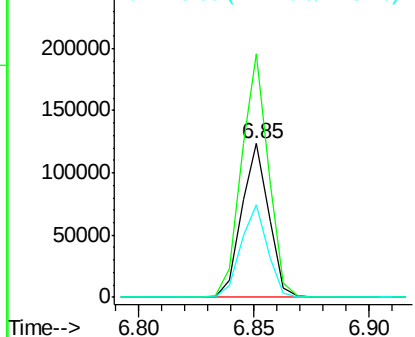
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101266
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 60.0 50.1 75.1



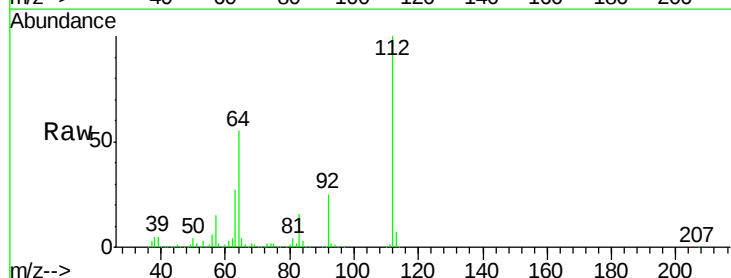
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



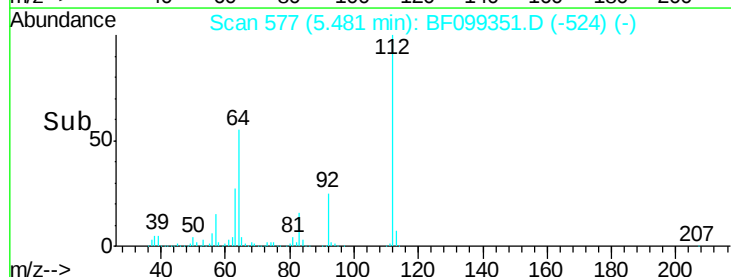
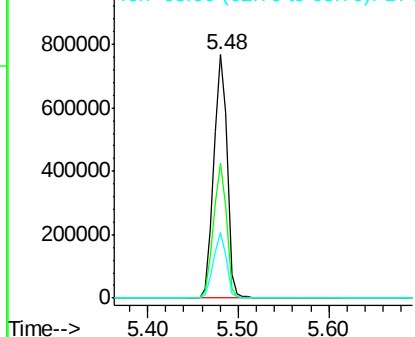
#5

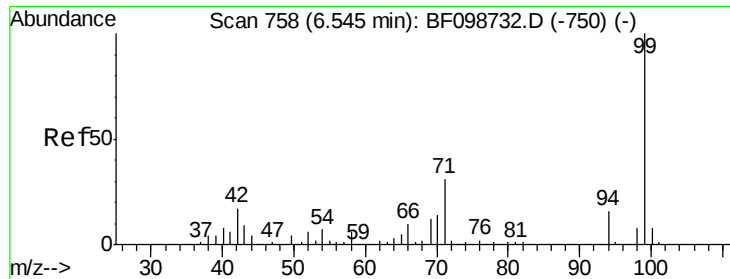
2-Fluorophenol
Concen: 124.28 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion:112 Resp: 790613
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 26.9 23.7 35.5



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: 118.16 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

Instrument :

BNA_F

ClientSampled :

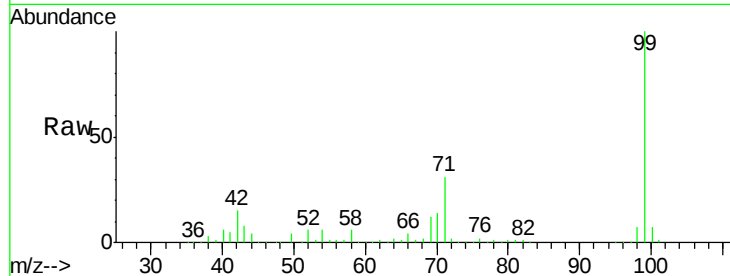
Tot Ion: 99 Resp: 927253

Ion Ratio Lower Upper

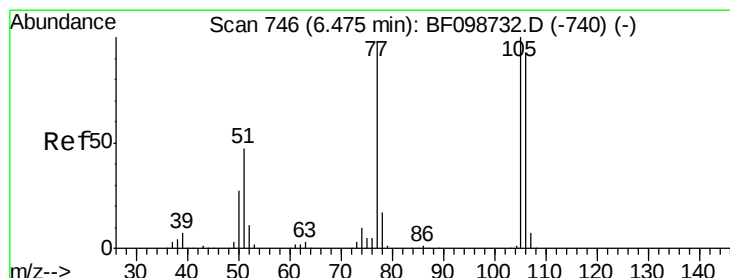
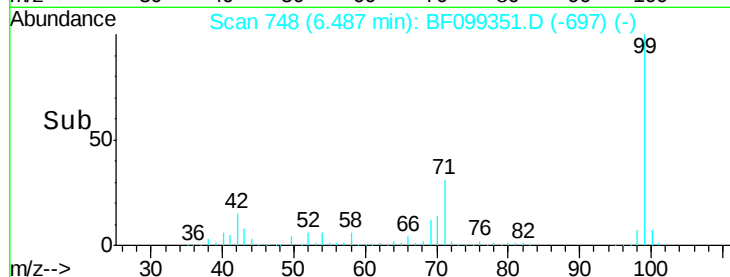
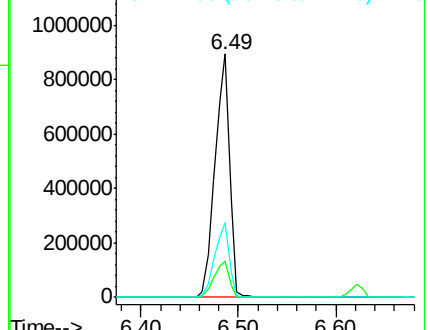
99 100

42 15.1 14.5 21.7

71 30.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.32 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

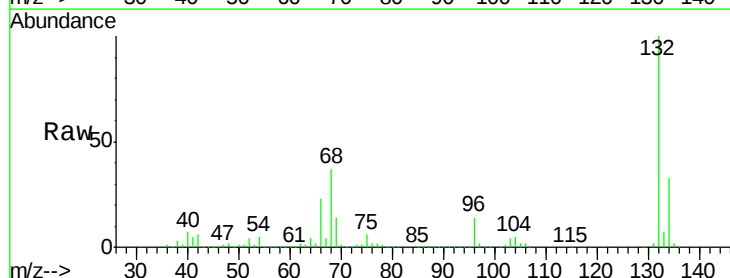
Tgt Ion: 77 Resp: 15092

Ion Ratio Lower Upper

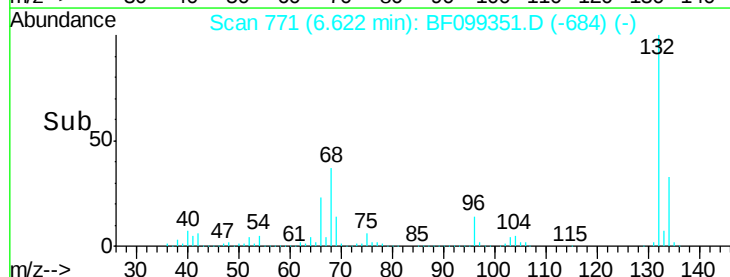
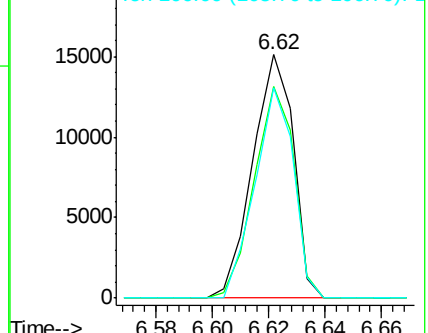
77 100

105 87.1 81.1 121.1

106 86.6 74.5 114.5



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

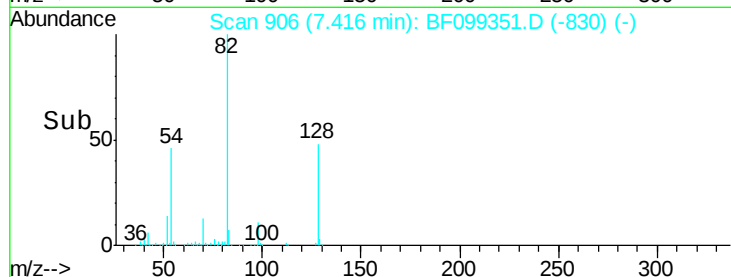
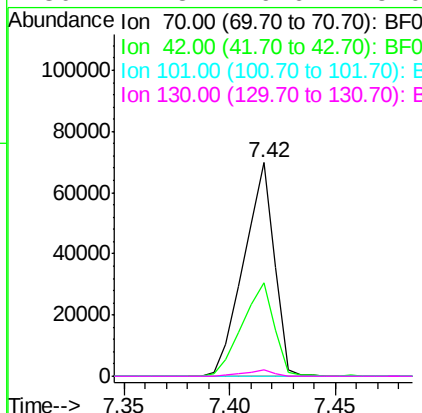
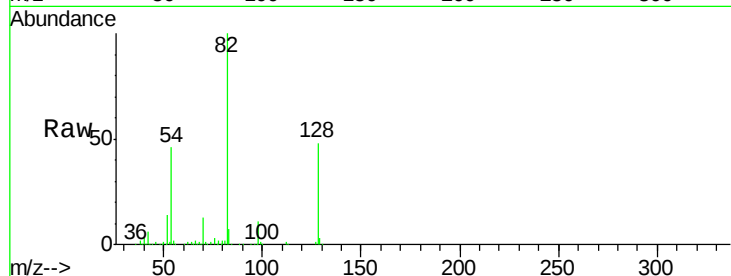




#19
n-Nitroso-di-n-propylamine
Concen: 14.03 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

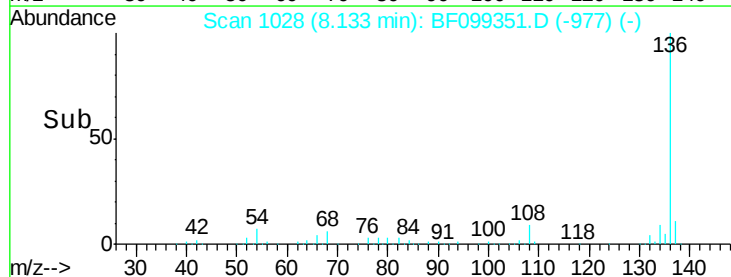
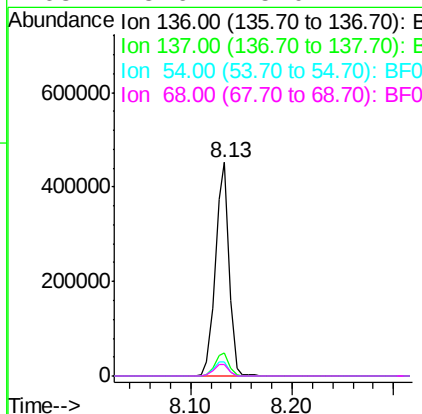
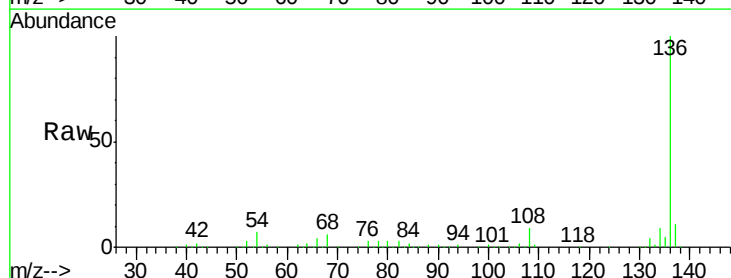
Instrument :
BNA_F
ClientSampleId :

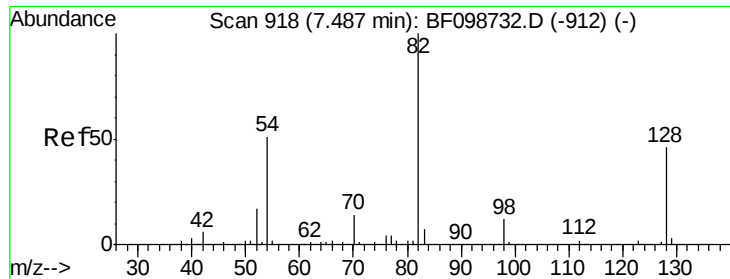
Tot Ion: 70 Resp: 70311
Ion Ratio Lower Upper
70 100
42 43.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion: 136 Resp: 421048
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.6 6.6 9.8#
68 5.6 5.0 7.4

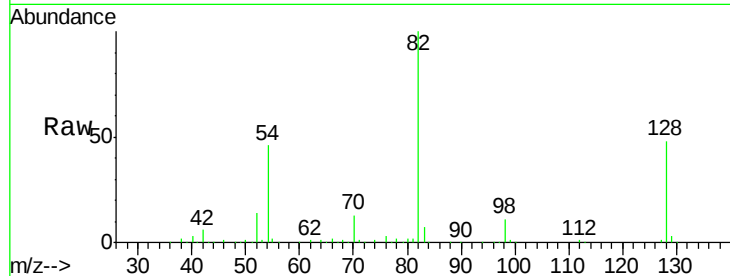




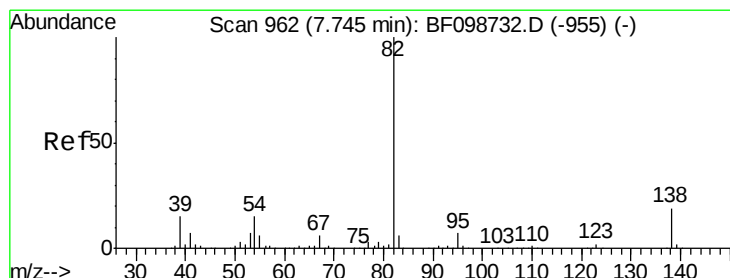
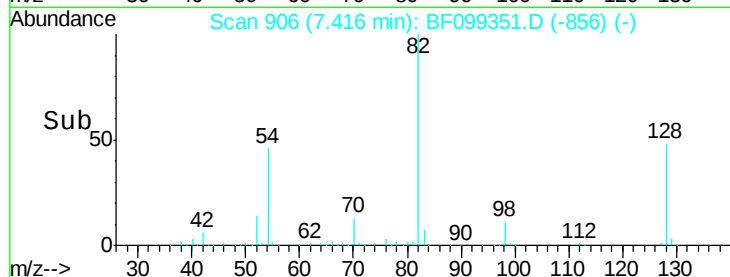
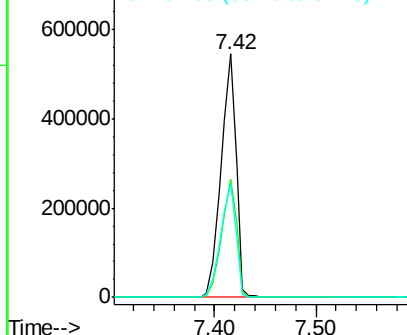
#23
Nitrobenzene-d5
Concen: 85.54 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 561603
Ion Ratio Lower Upper
82 100
128 48.3 36.1 54.1
54 46.4 41.4 62.2

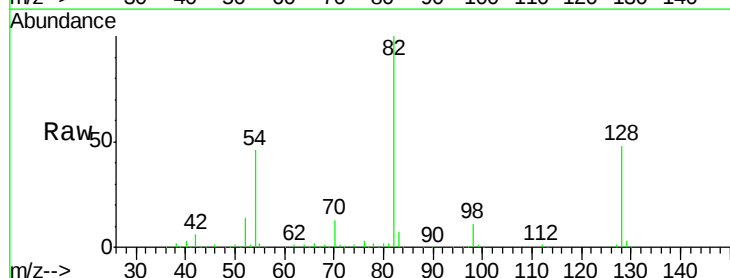


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

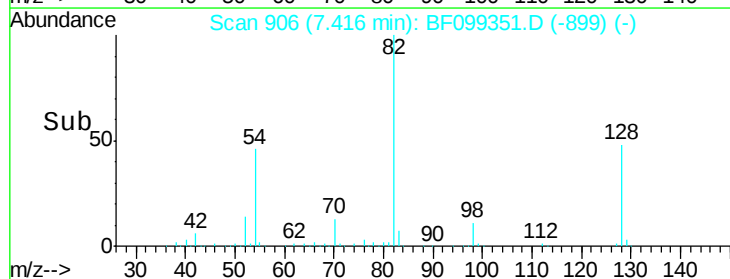
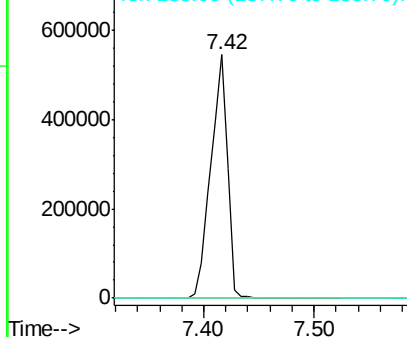


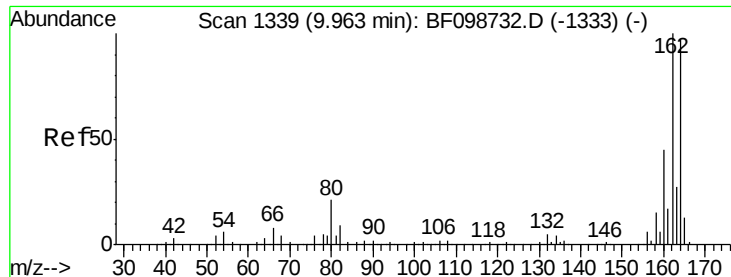
#25
Isophorone
Concen: 41.36 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion: 82 Resp: 561477
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

Instrument :

BNA_F

ClientSampleId :

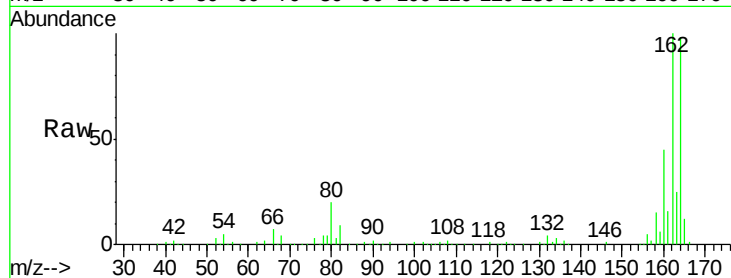
Tot Ion:164 Resp: 194842

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

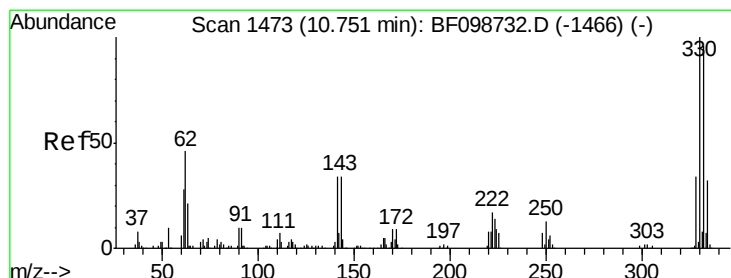
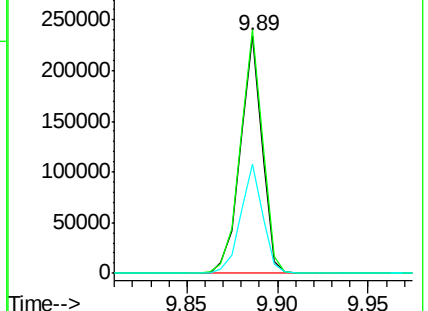
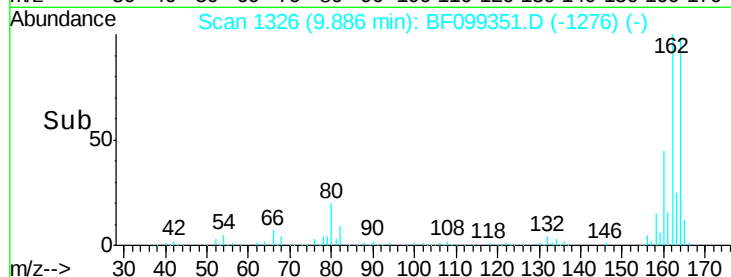
160 46.0 38.3 57.5



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: 130.91 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

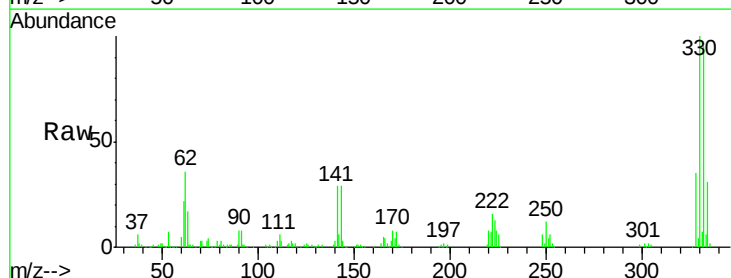
Tgt Ion:330 Resp: 208709

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

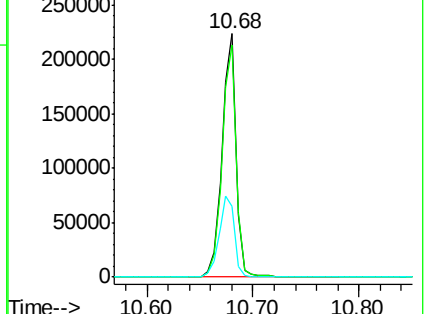
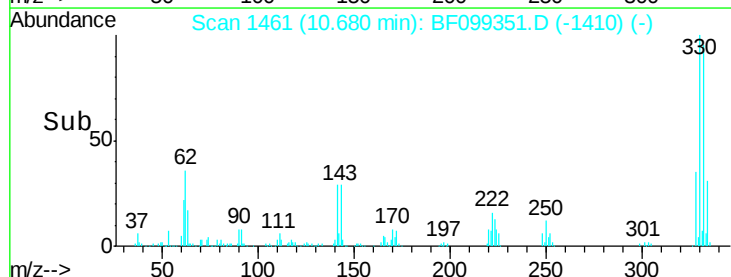
141 37.0 29.9 44.9



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: 93.18 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

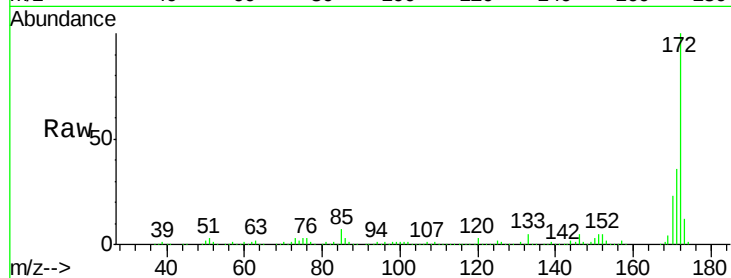
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 1087515

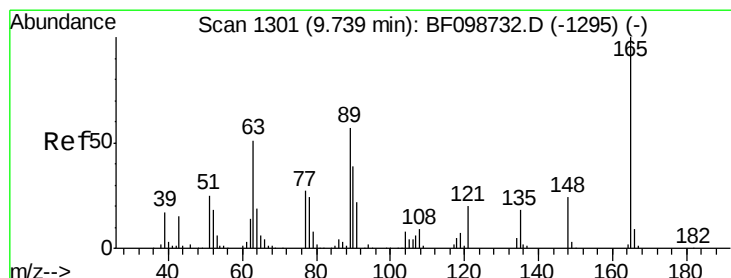
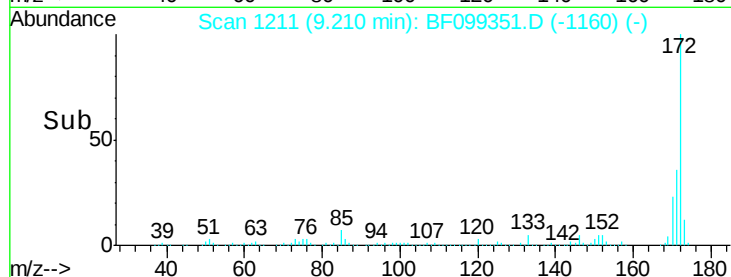
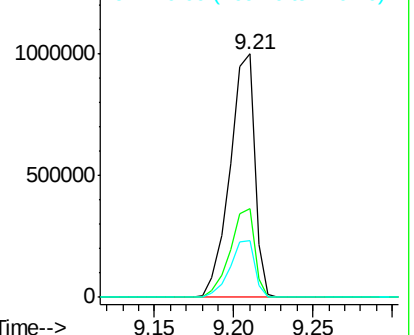
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.72 ng

RT: 9.89 min Scan# 1326

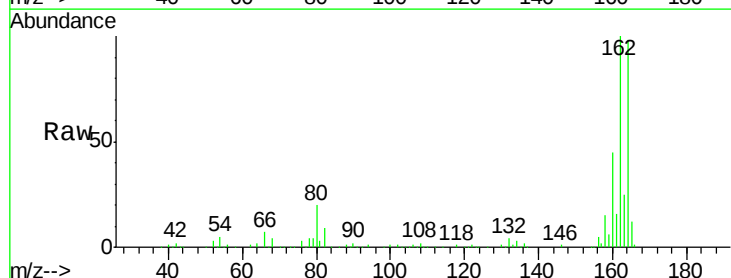
Delta R.T. 0.21 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

Tgt Ion:165 Resp: 24713

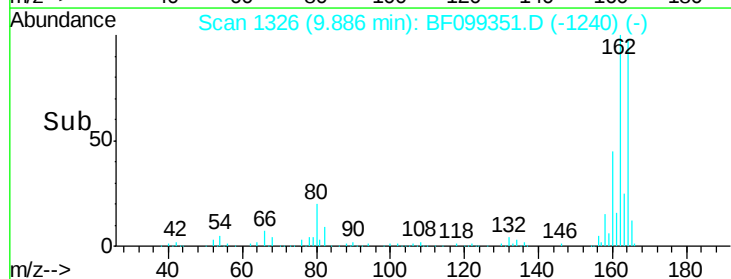
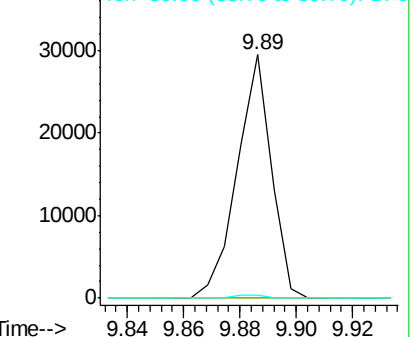
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.2	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

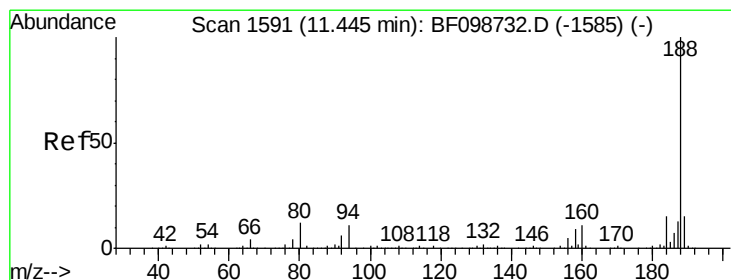
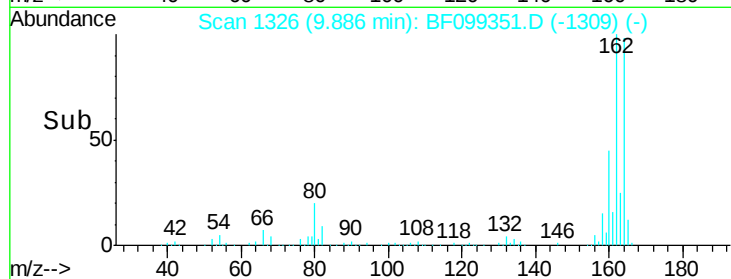
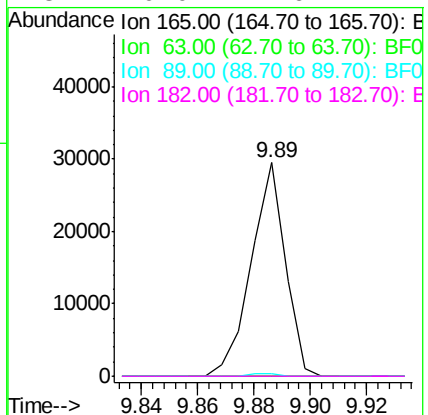
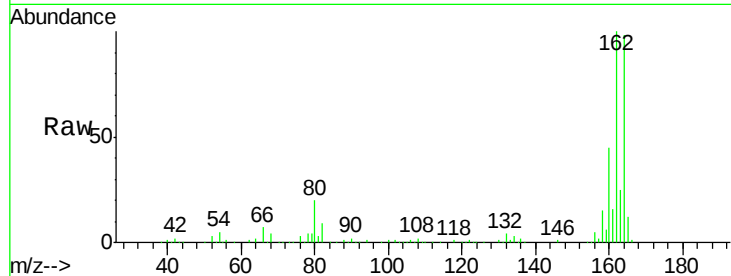




#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099351.D
 Acq: 11 Oct 2017 18:17

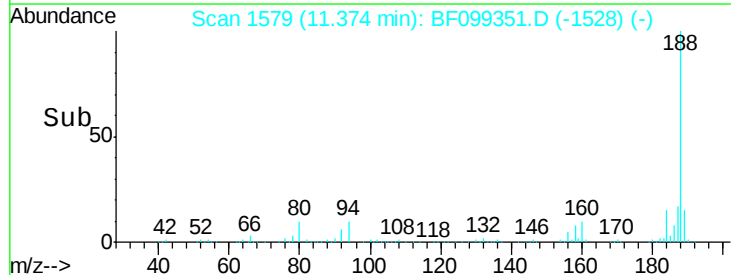
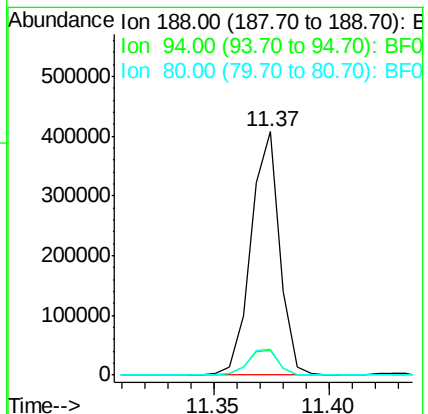
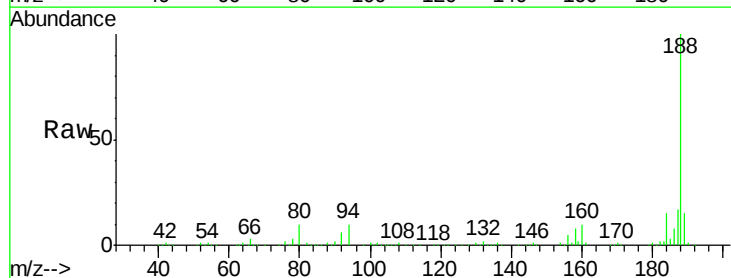
Instrument :
 BNA_F
 ClientSampleId :

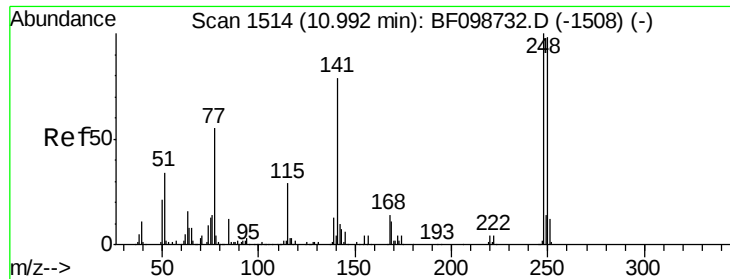
Tot Ion:165	Resp:	24713
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099351.D
 Acq: 11 Oct 2017 18:17

Tgt Ion:188	Resp:	354381
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.5 12.7
80	10.5	9.2 13.8

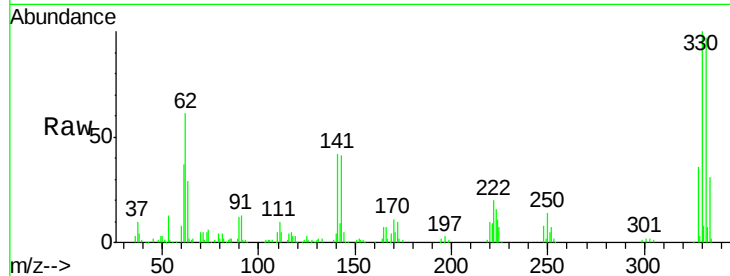




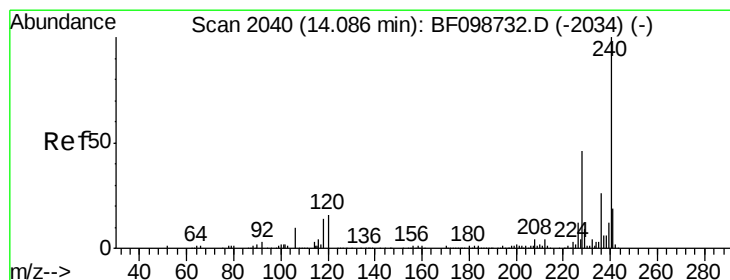
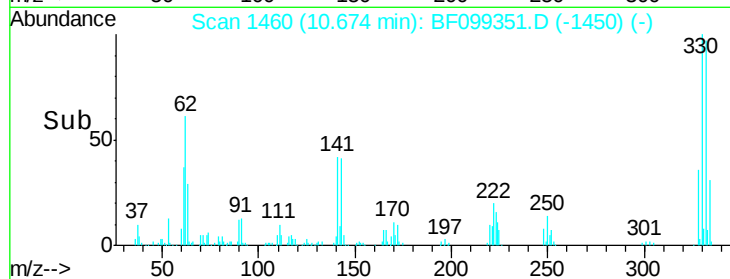
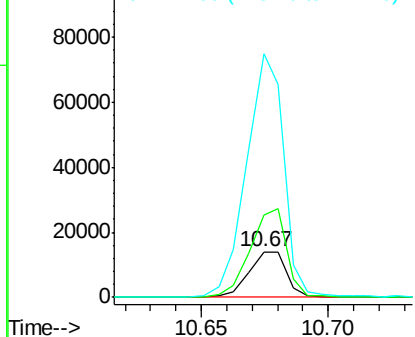
#66
 4-Bromophenyl-phenylether
 Concen: 4.17 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099351.D
 Acq: 11 Oct 2017 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14473
 Ion Ratio Lower Upper
 248 100
 250 181.3 76.9 115.3#
 141 534.1 74.4 111.6#

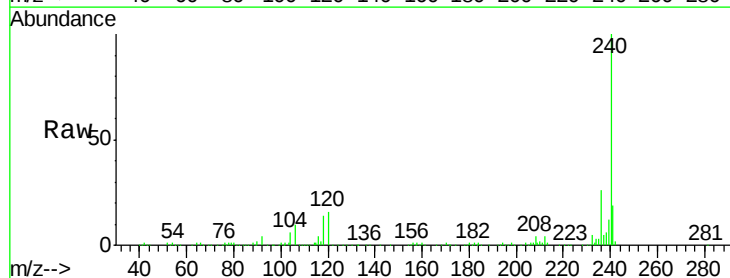


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

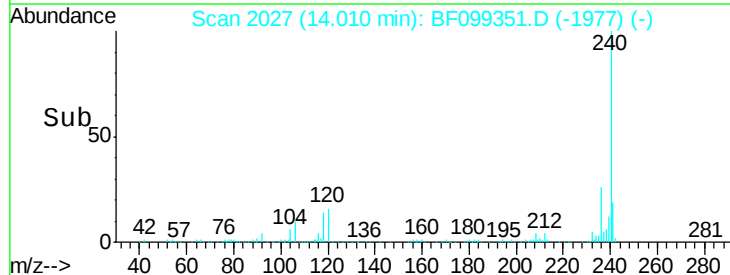
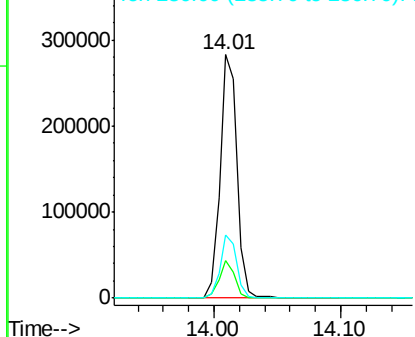


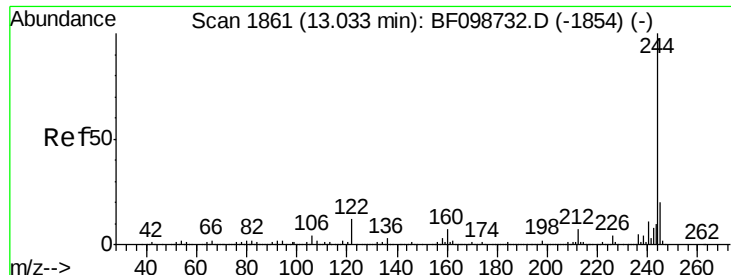
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099351.D
 Acq: 11 Oct 2017 18:17

Tgt Ion:240 Resp: 264439
 Ion Ratio Lower Upper
 240 100
 120 15.6 9.5 14.3#
 236 25.9 20.7 31.1



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: 84.51 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

Instrument :

BNA_F

ClientSampleId :

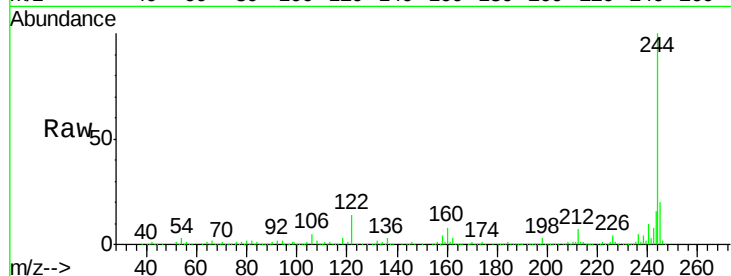
Tot Ion:244 Resp: 982618

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

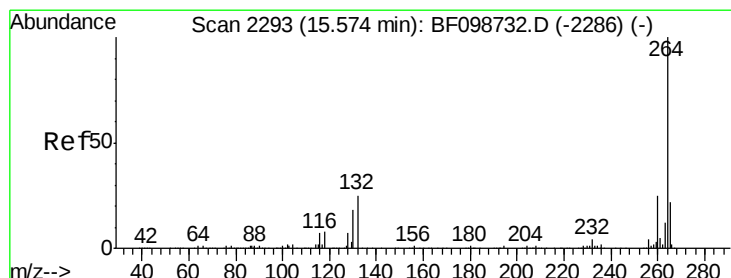
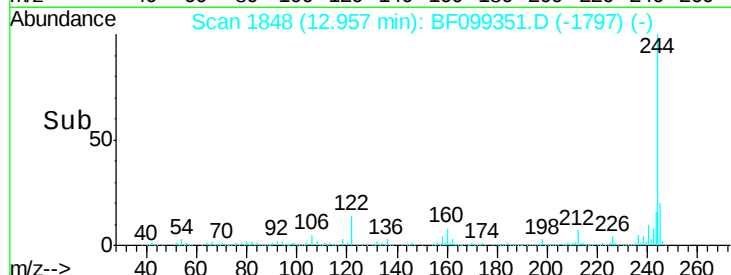
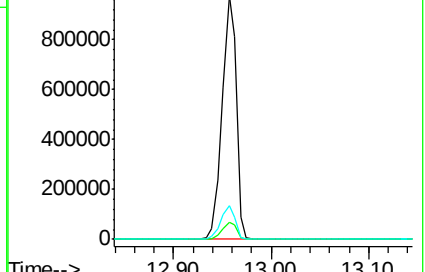
122 14.0 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099351.D

Acq: 11 Oct 2017 18:17

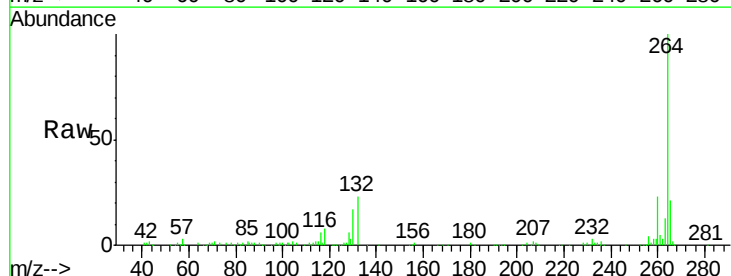
Tgt Ion:264 Resp: 182577

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 17.5 26.3



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

