

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098709.D
 Acq On : 22 Sep 2017 21:17
 Operator : SJ/JU
 Sample : I5331-04 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-092017-B

Quant Time: Sep 23 01:30:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

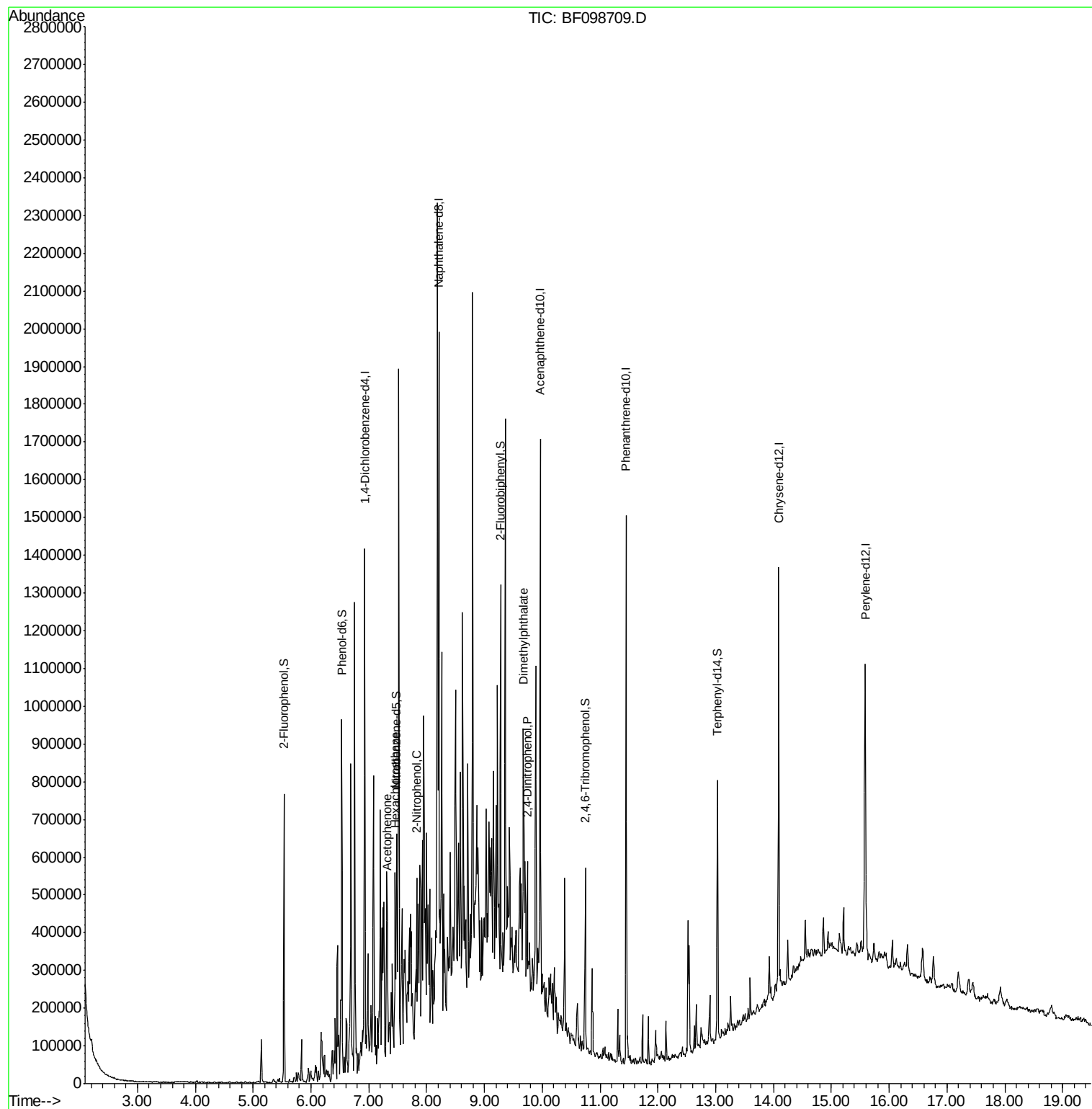
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	162432	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	669867	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	295872	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	455980	20.00	ng	0.00
75) Chrysene-d12	14.09	240	363989	20.00	ng	0.00
86) Perylene-d12	15.59	264	359203	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	198972	18.60	ng	0.00
7) Phenol-d6	6.53	99	241928	18.68	ng	-0.01
23) Nitrobenzene-d5	7.48	82	137170	13.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	47795	17.66	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	268345	14.43	ng	0.00
78) Terphenyl-d14	13.03	244	206781	12.20	ng	0.00
Target Compounds						
18) Hexachloroethane	7.46	117	16325	3.82	ng	# 1
22) Acetophenone	7.32	105	75850	4.58	ng	# 60
26) 2-Nitrophenol	7.82	139	980	5.93	ng	# 1
49) Dimethylphthalate	9.67	163	49517	2.23	ng	# 96
53) 2,4-Dinitrophenol	9.74	184	162	6.10	ng	# 1

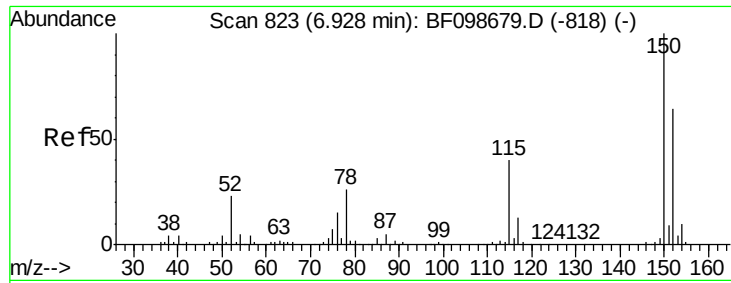
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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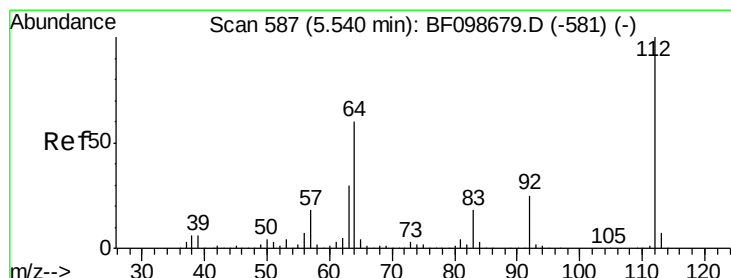
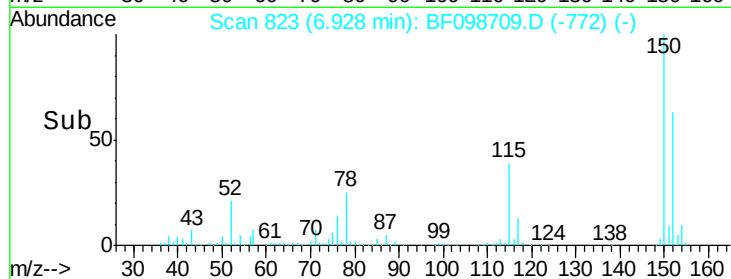
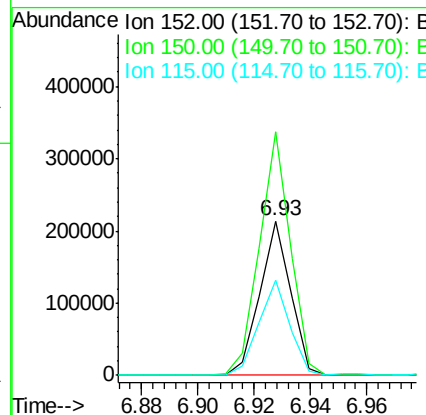
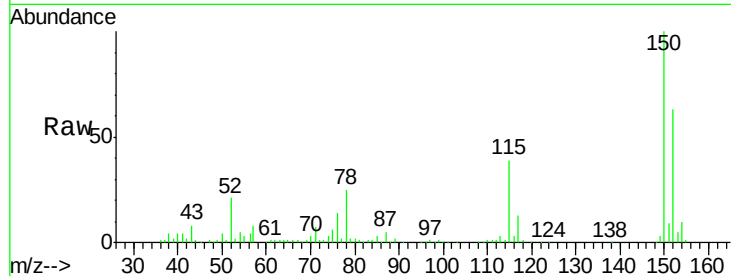


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098709.D
Acq: 22 Sep 2017 21:17

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-B

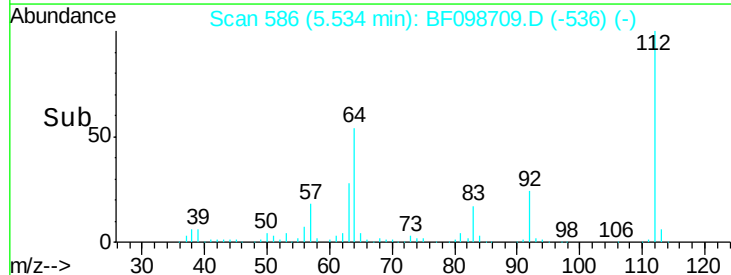
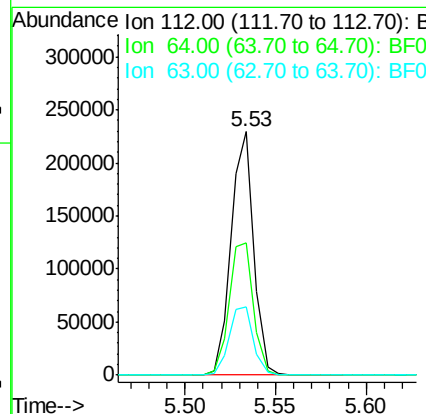
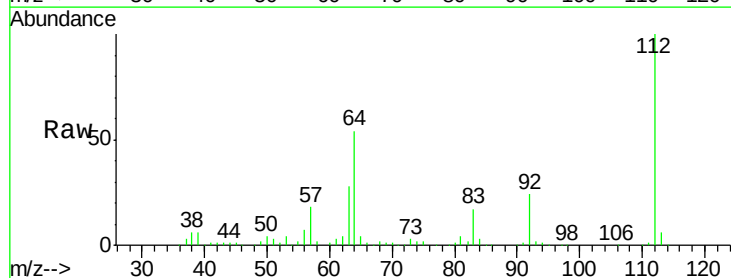
Tot Ion:152 Resp: 162432
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.5 50.1 75.1

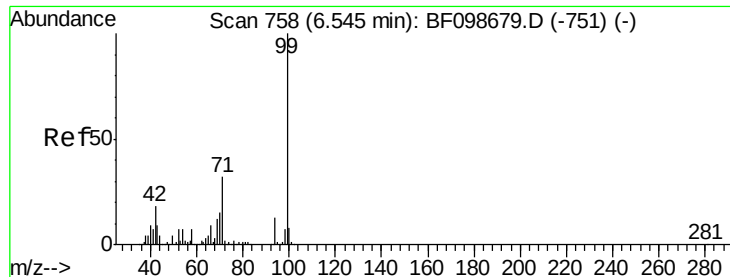


#5

2-Fluorophenol
Concen: 18.60 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098709.D
Acq: 22 Sep 2017 21:17

Tgt Ion:112 Resp: 198972
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 18.68 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

Instrument :

BNA_F

ClientSampleId :

HR-05-092017-B

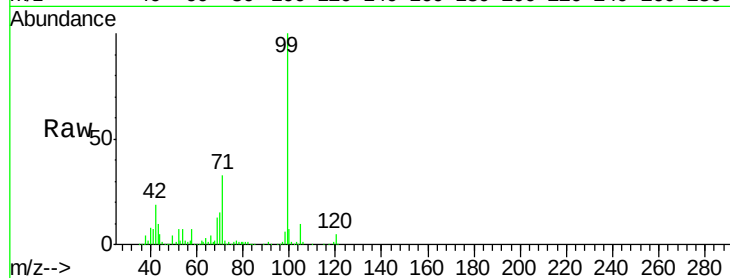
Tot Ion: 99 Resp: 241928

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

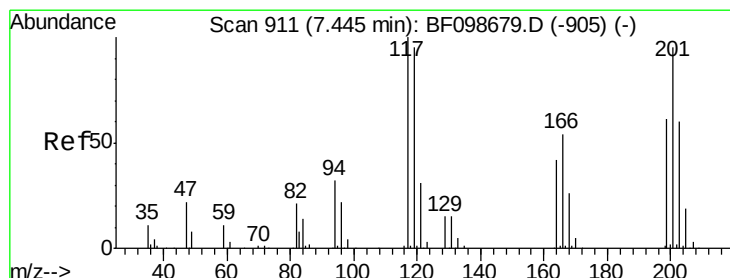
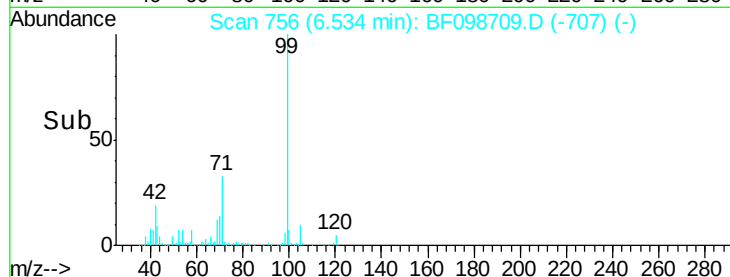
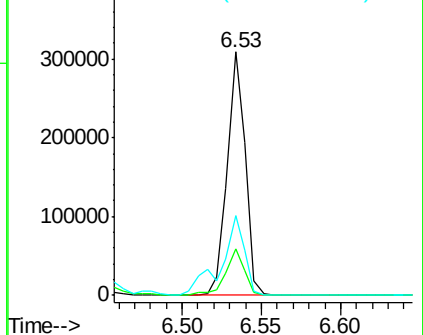
71 32.9 25.4 38.0



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



#18

Hexachloroethane

Concen: 3.82 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

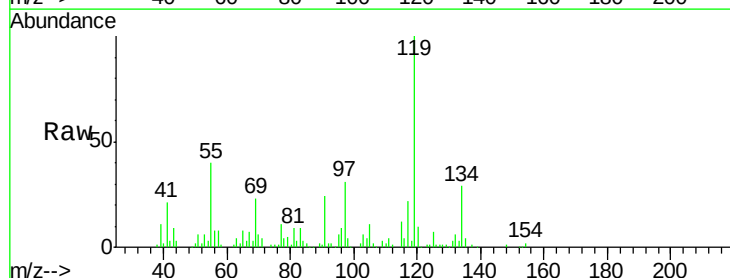
Tgt Ion: 117 Resp: 16325

Ion Ratio Lower Upper

117 100

119 455.1 75.8 113.8#

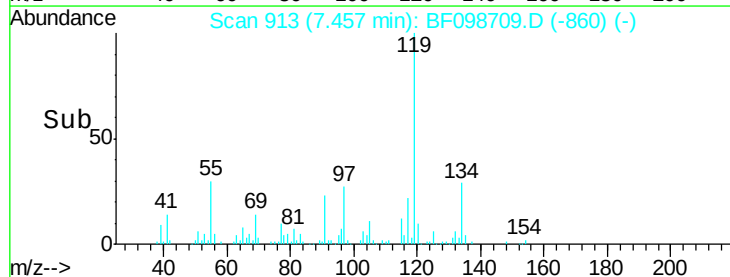
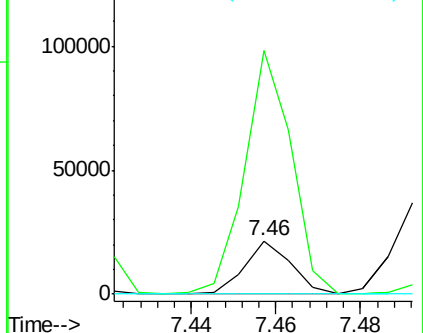
201 0.0 75.7 113.5#

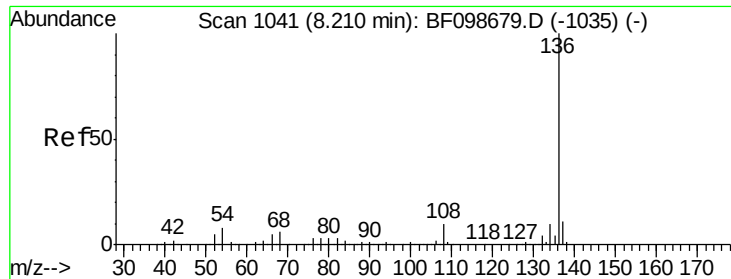


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

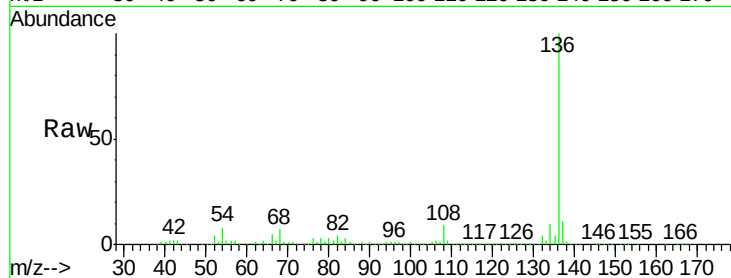




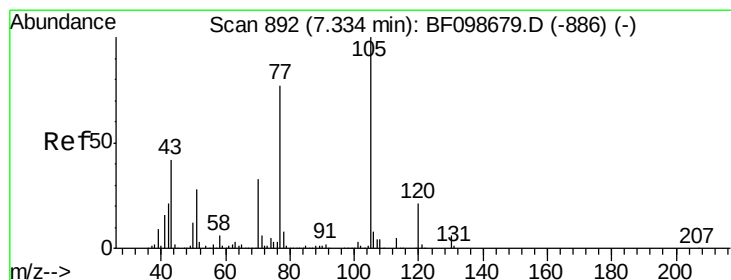
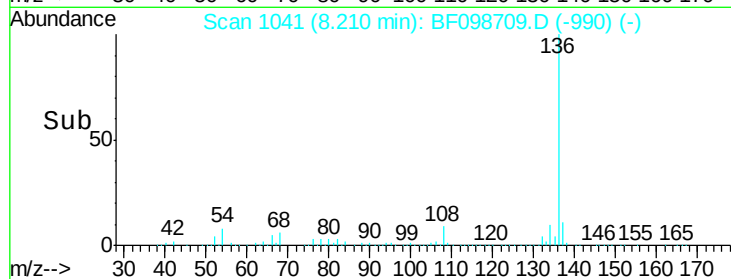
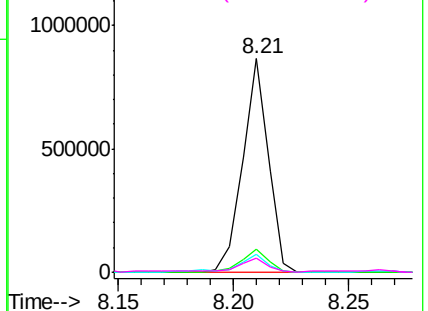
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098709.D
Acq: 22 Sep 2017 21:17

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-B

Tot Ion:136	Resp:	669867
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	8.2	6.6 9.8
68	6.6	5.0 7.4

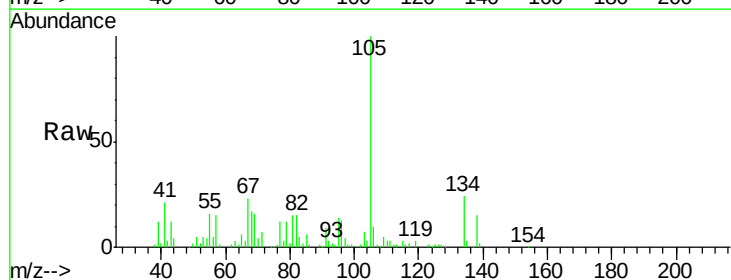


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

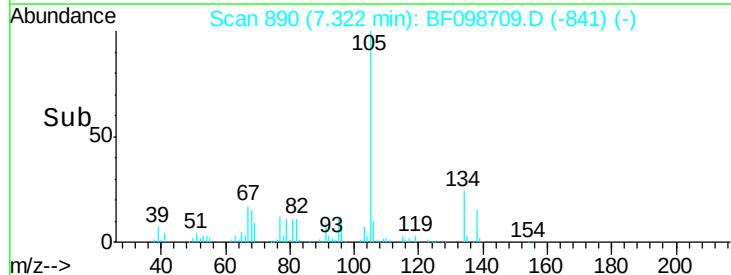
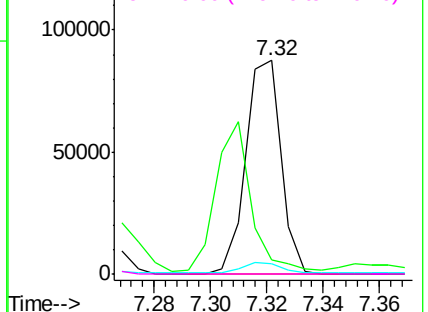


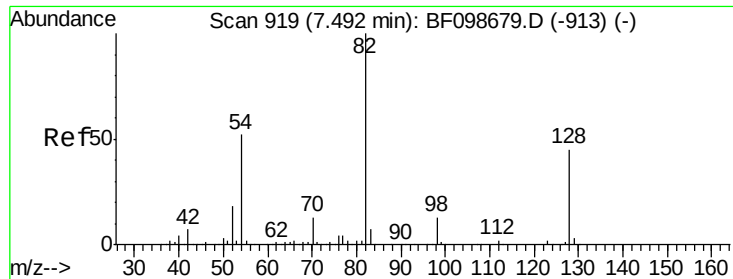
#22
Acetophenone
Concen: 4.58 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098709.D
Acq: 22 Sep 2017 21:17

Tgt Ion:105	Resp:	75850
Ion Ratio	Lower	Upper
105	100	
71	6.8	4.4 6.6#
51	4.8	22.3 33.5#
120	0.0	16.9 25.3#



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

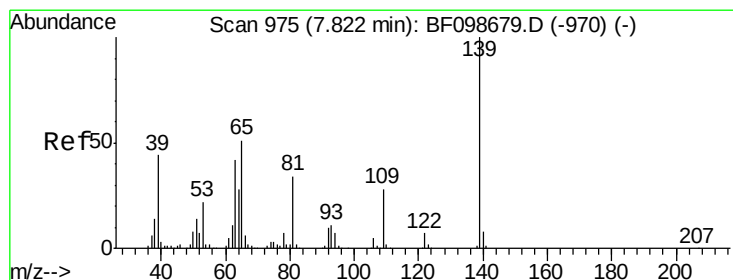
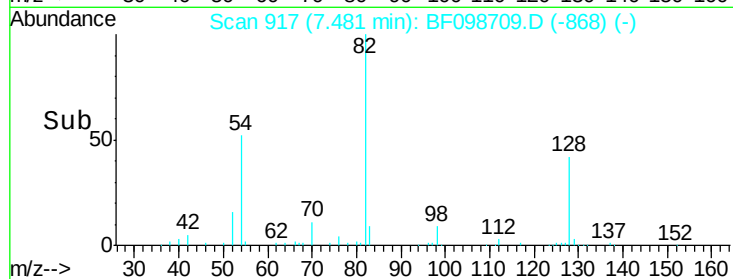
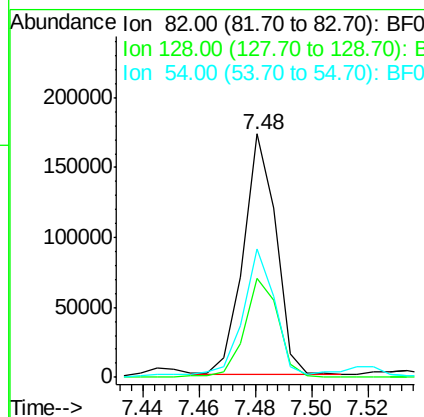
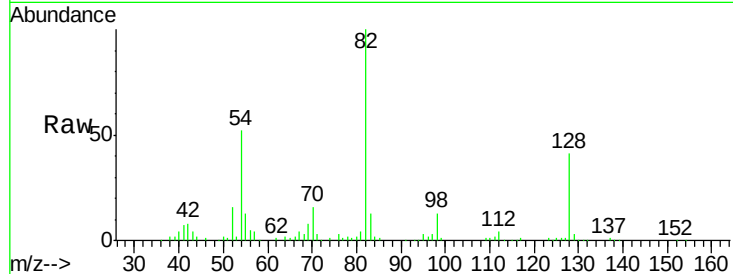




#23
Nitrobenzene-d5
Concen: 13.89 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098709.D
Acq: 22 Sep 2017 21:17

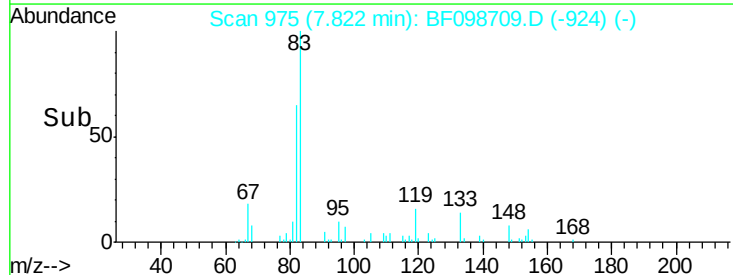
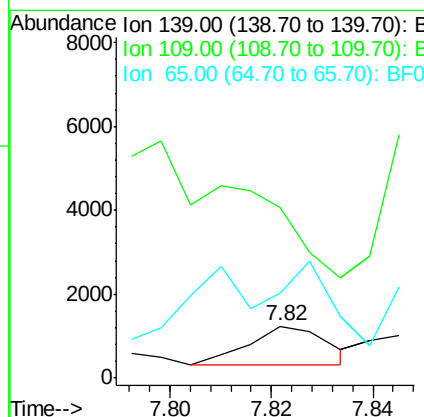
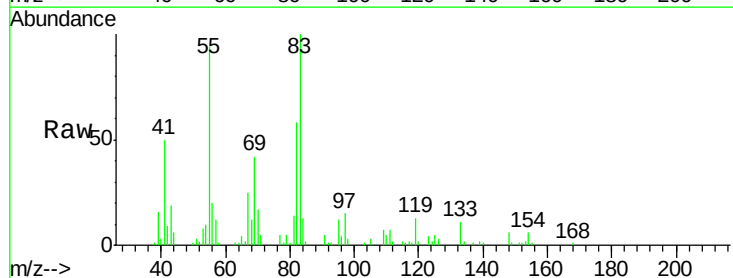
Instrument :
BNA_F
ClientSampleId :
HR-05-092017-B

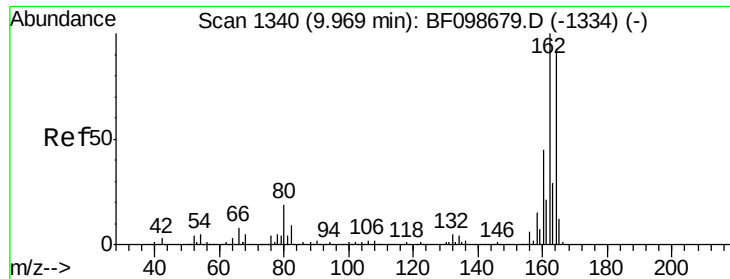
Tot Ion: 82 Resp: 137170
Ion Ratio Lower Upper
82 100
128 40.9 36.1 54.1
54 52.5 41.4 62.2



#26
2-Nitrophenol
Concen: 5.93 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF098709.D
Acq: 22 Sep 2017 21:17

Tgt Ion:139 Resp: 980
Ion Ratio Lower Upper
139 100
109 326.7 22.7 34.1#
65 163.1 40.5 60.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

Instrument :

BNA_F

ClientSampleId :

HR-05-092017-B

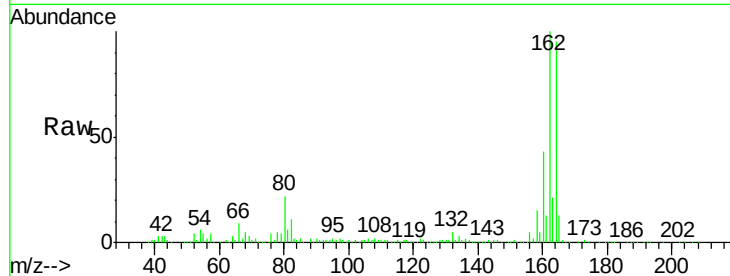
Tot Ion:164 Resp: 295872

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

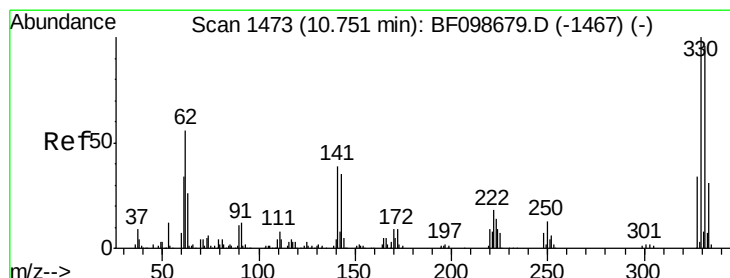
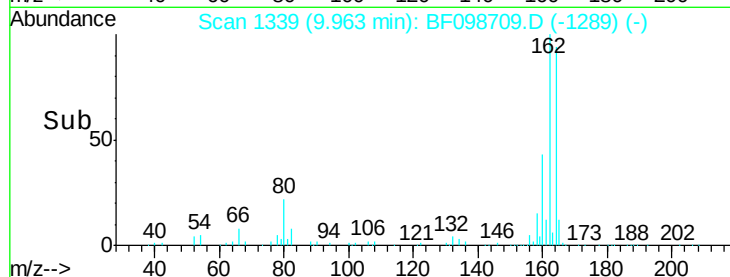
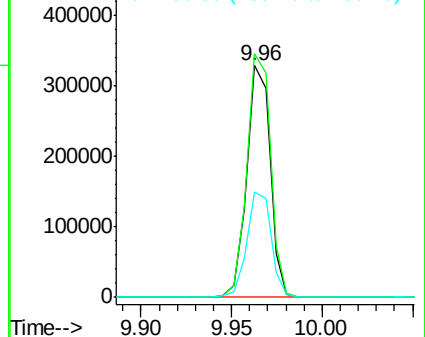
160 45.4 38.3 57.5



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: 17.66 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

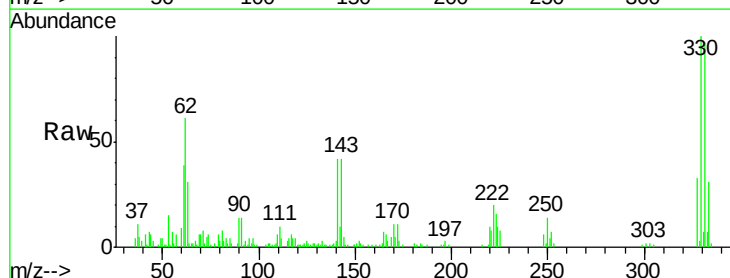
Tgt Ion:330 Resp: 47795

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

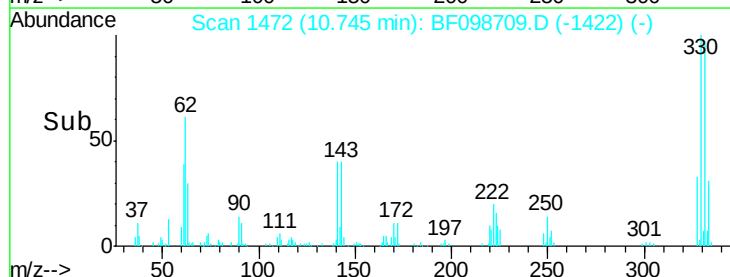
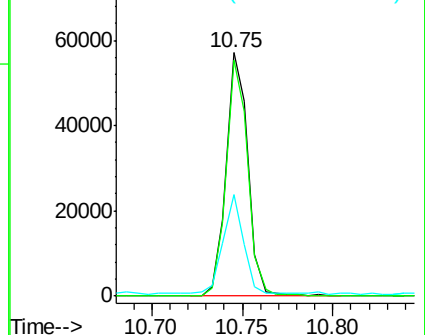
141 37.6 29.9 44.9

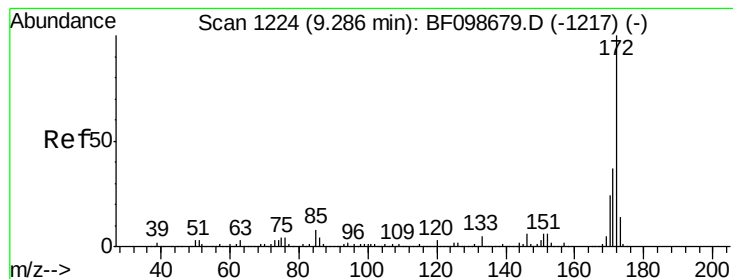


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 14.43 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

Instrument :

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ClientSampleId :

HR-05-092017-B

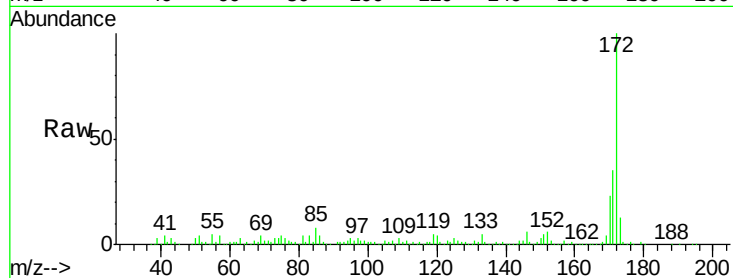
Tot Ion:172 Resp: 268345

Ion Ratio Lower Upper

172 100

171 35.2 29.7 44.5

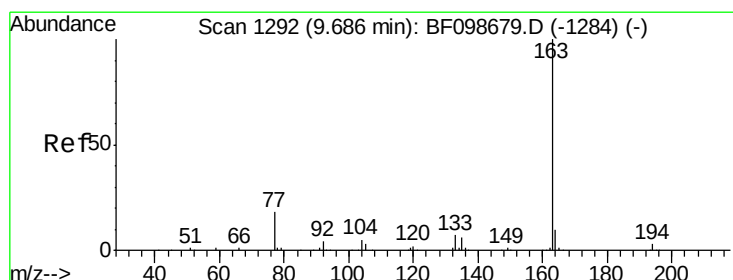
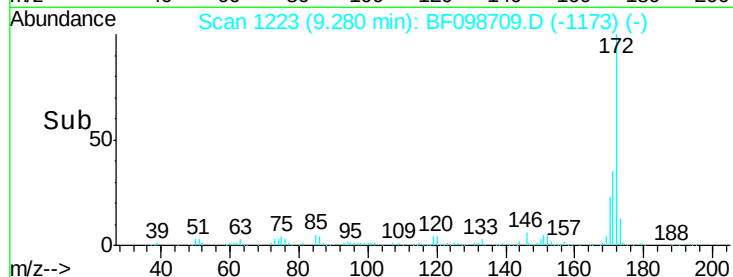
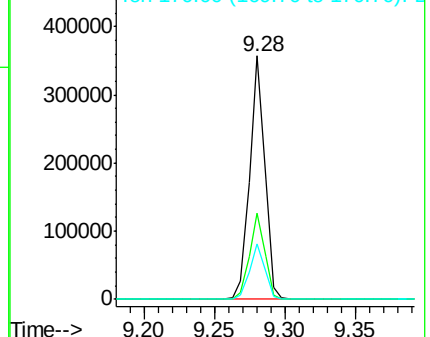
170 22.9 19.6 29.4



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



#49

Dimethylphthalate

Concen: 2.23 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

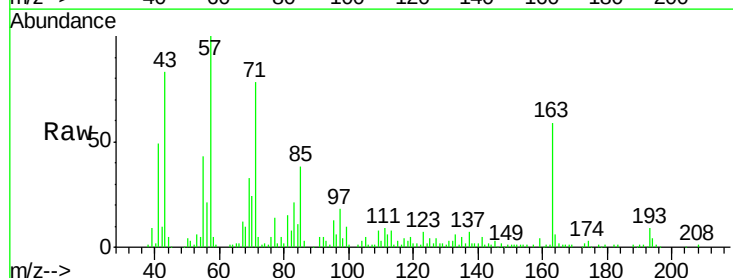
Tgt Ion:163 Resp: 49517

Ion Ratio Lower Upper

163 100

194 6.8 2.7 4.1#

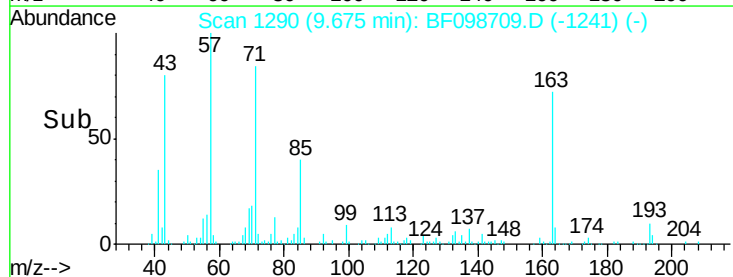
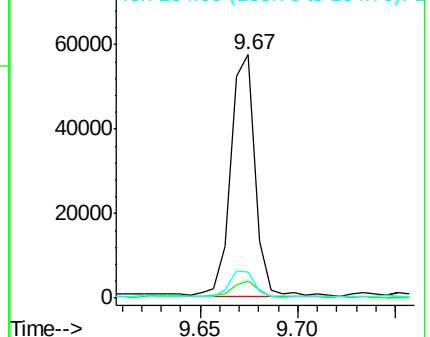
164 10.9 8.2 12.2

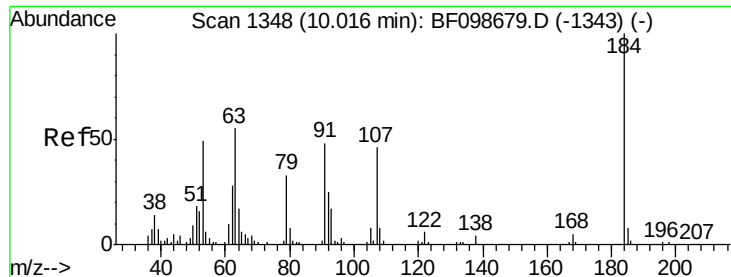


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

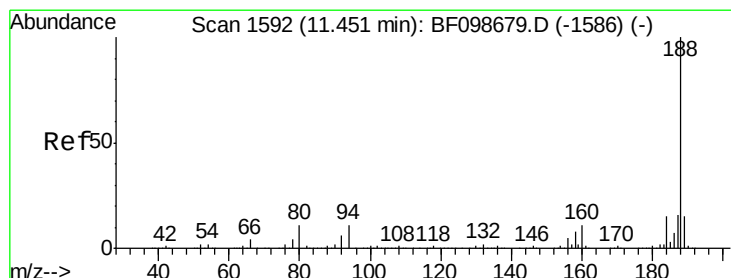
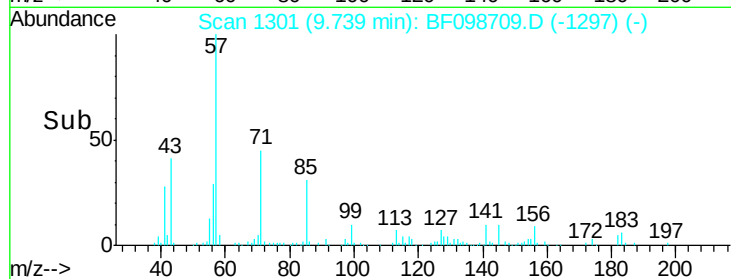
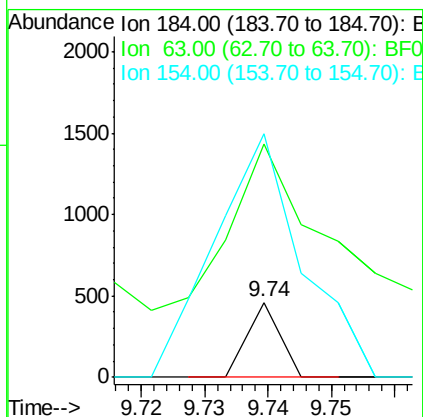
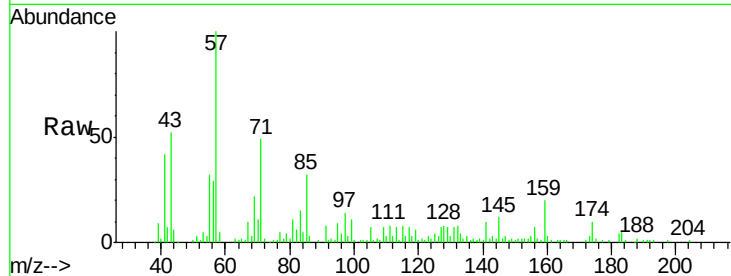




#53
 2,4-Dinitrophenol
 Concen: 6.10 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.28 min
 Lab File: BF098709.D
 Acq: 22 Sep 2017 21:17

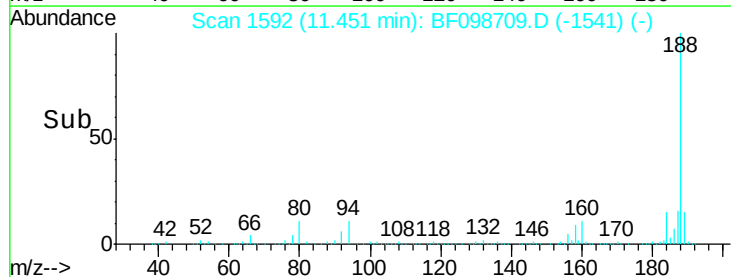
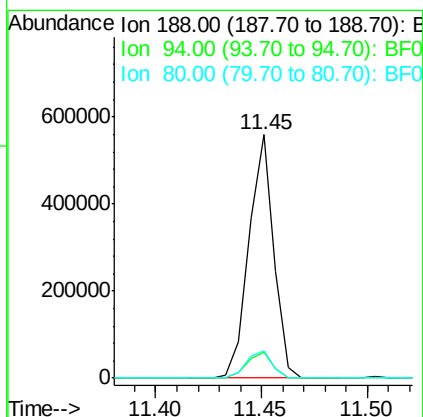
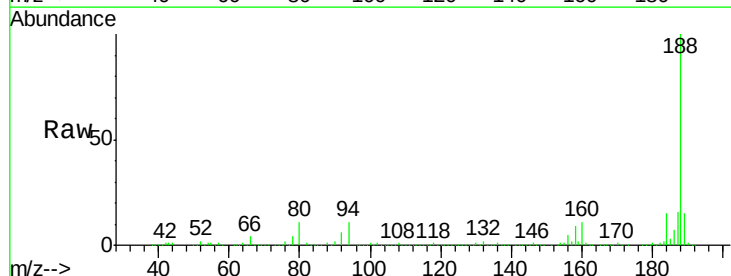
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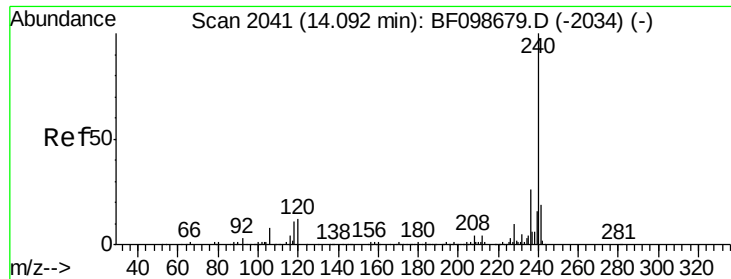
Tot Ion:184 Resp: 162
 Ion Ratio Lower Upper
 184 100
 63 312.9 54.2 81.2#
 154 325.9 53.5 80.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098709.D
 Acq: 22 Sep 2017 21:17

Tgt Ion:188 Resp: 455980
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

Instrument :

BNA_F

ClientSampleId :

HR-05-092017-B

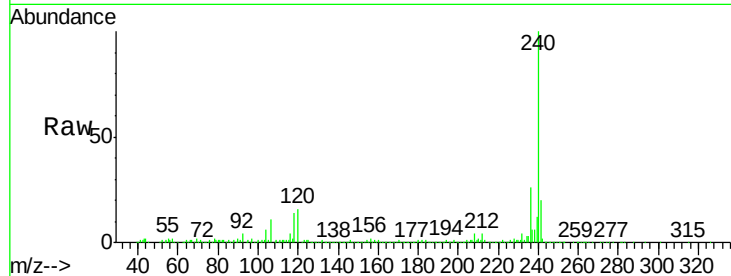
Tot Ion:240 Resp: 363989

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

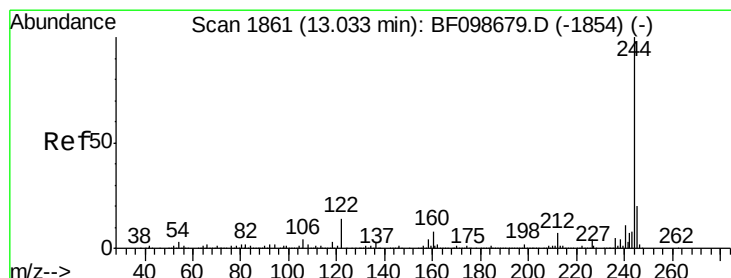
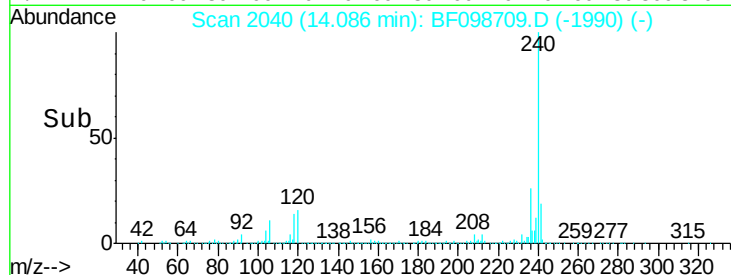
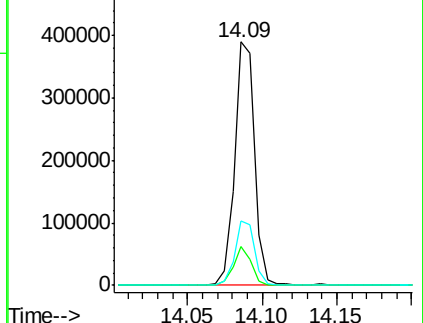
236 26.4 20.7 31.1



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: 12.20 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098709.D

Acq: 22 Sep 2017 21:17

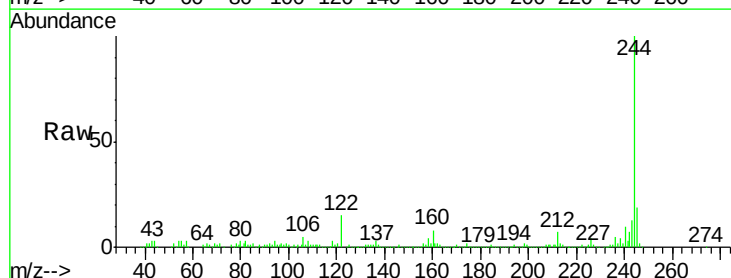
Tgt Ion:244 Resp: 206781

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

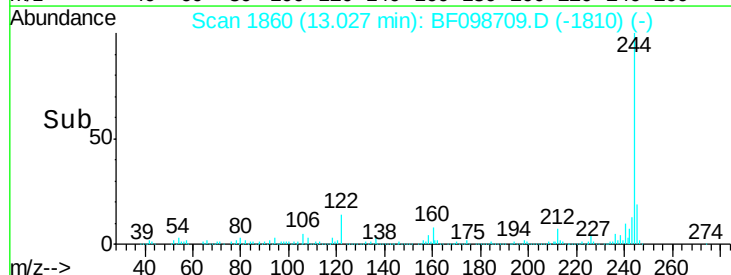
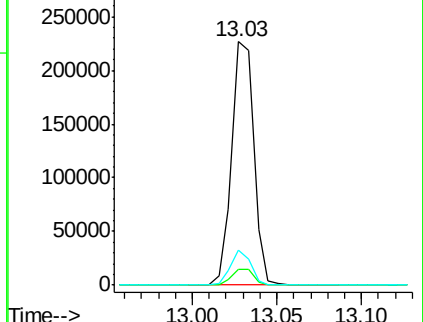
122 14.5 11.0 16.4

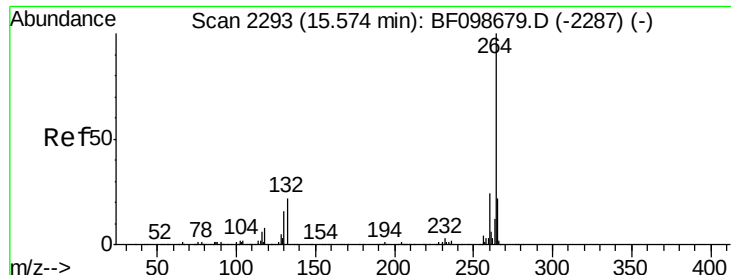


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

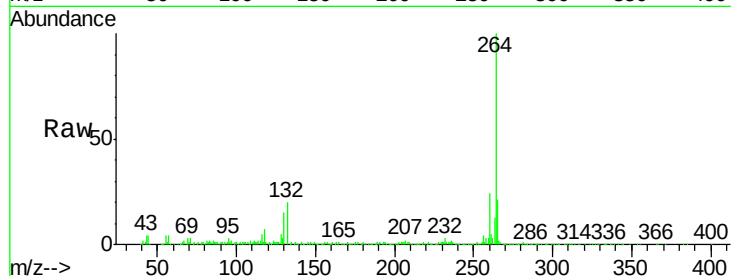




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098709.D
Acq: 22 Sep 2017 21:17

Instrument :
BNA_F
ClientSampleId :
HR-05-092017-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	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

