

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105090.D
 Acq On : 3 May 2018 23:13
 Operator : JU/SJ
 Sample : J2682-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-F-6(0-5)

Quant Time: May 04 03:42:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

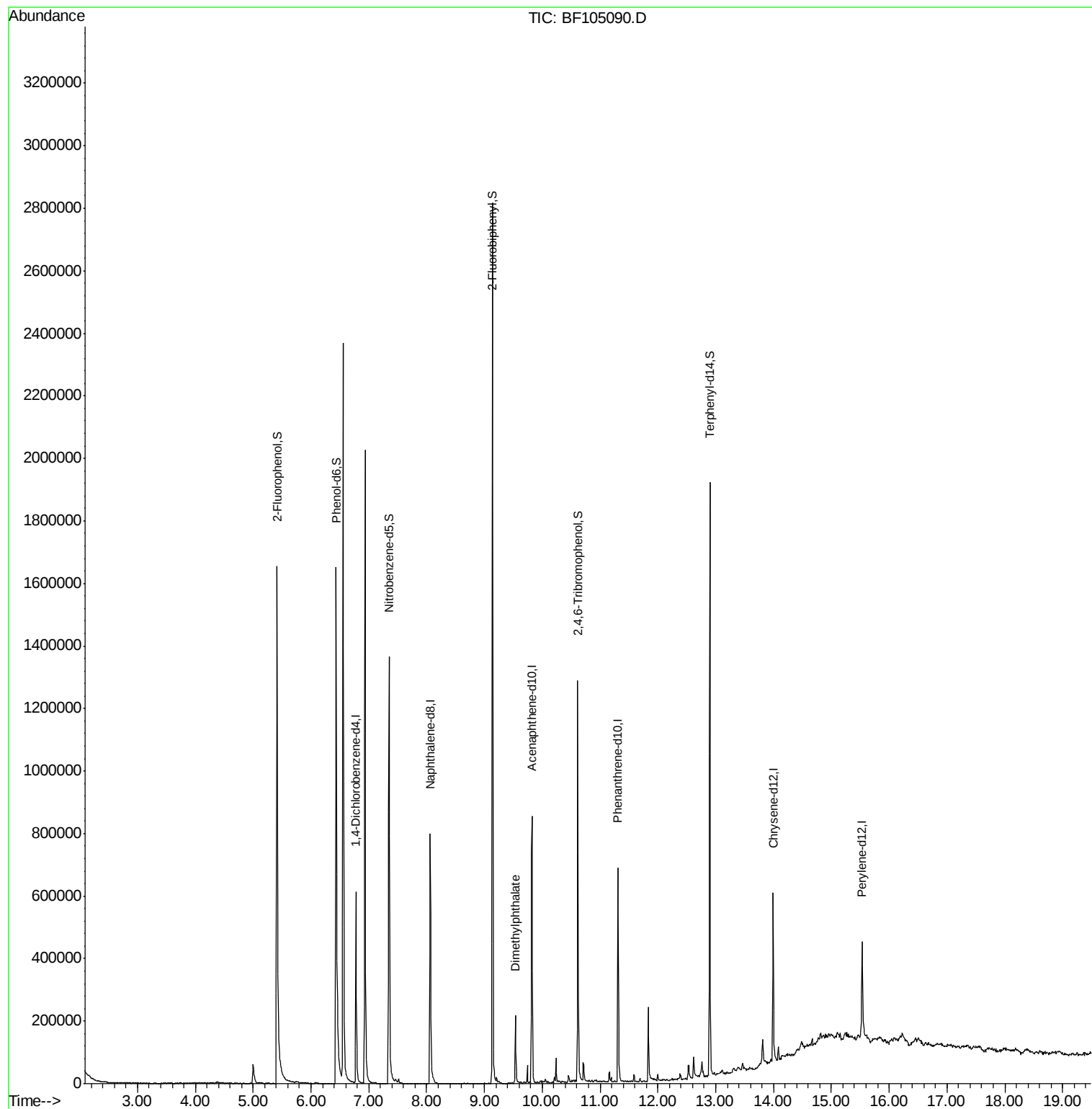
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	112480	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	447281	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	182425	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	270181	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	193794	20.00	ng	-0.04
86) Perylene-d12	15.53	264	142796	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	734475	99.84	ng	0.00
7) Phenol-d6	6.43	99	894645	98.98	ng	0.00
23) Nitrobenzene-d5	7.35	82	522239	76.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	172923	91.38	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	927447	80.31	ng	-0.02
78) Terphenyl-d14	12.90	244	645010	75.88	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	109440	7.608	ng	99

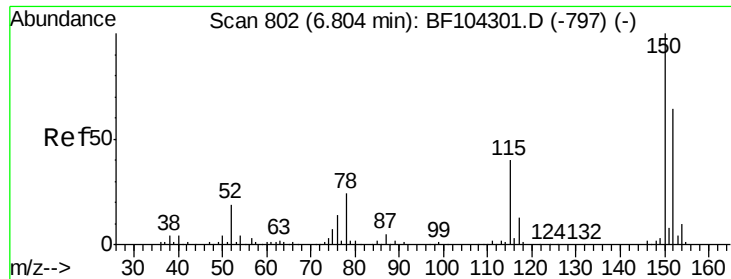
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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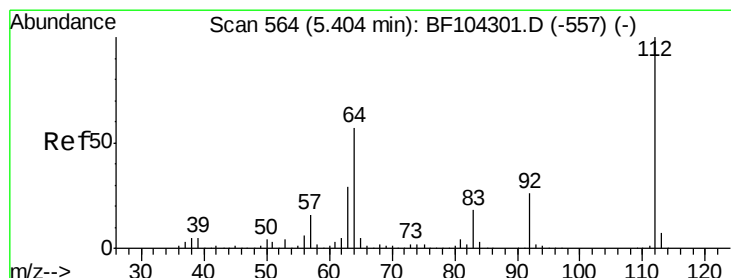
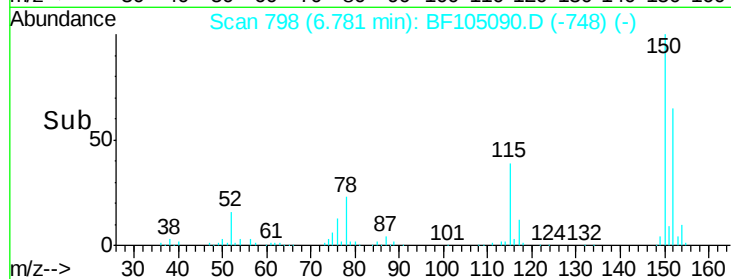
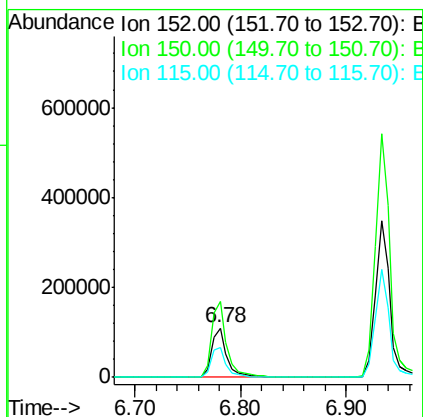
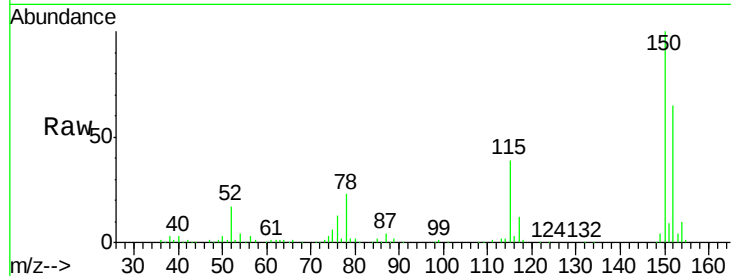


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-F-6(0-5)

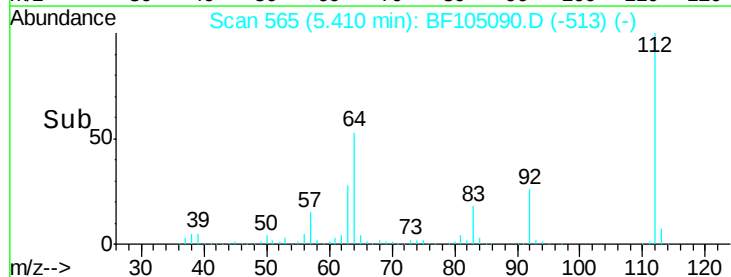
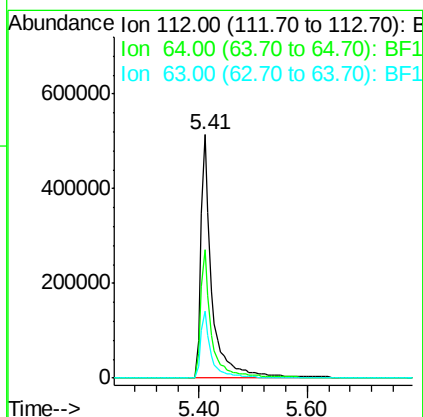
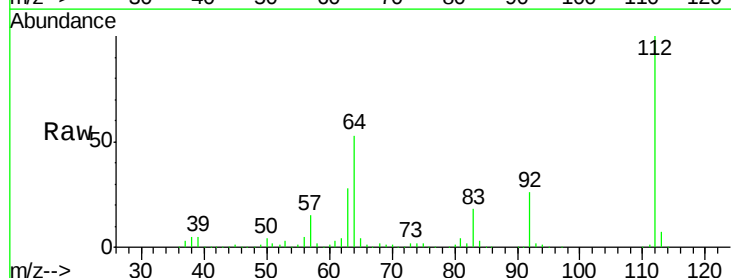
Tot Ion:152 Resp: 112480
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 60.5 50.1 75.1

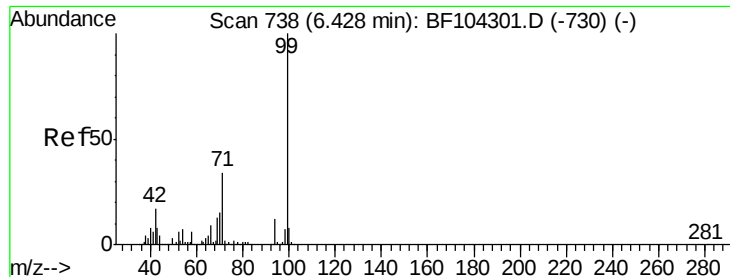


#5

2-Fluorophenol
Concen: 99.845 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Tgt Ion:112 Resp: 734475
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 27.5 23.7 35.5





#7

Phenol-d6

Concen: 98.983 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Instrument :

BNA_F

ClientSampleId :

EPE-F-6(0-5)

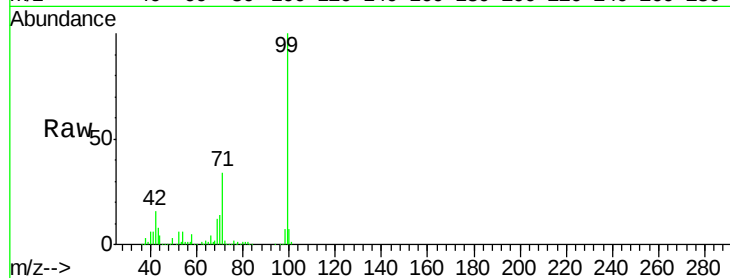
Tot Ion: 99 Resp: 894645

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

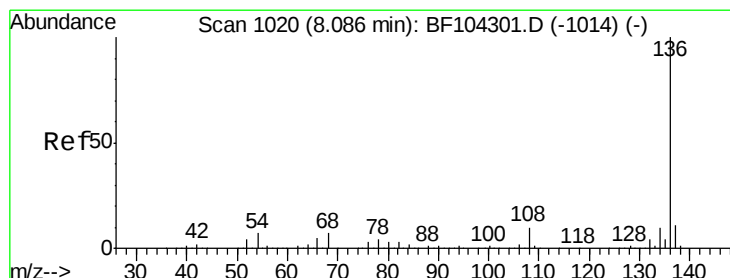
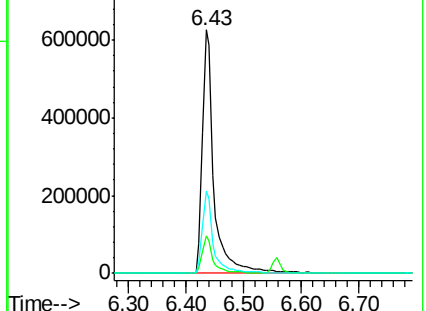
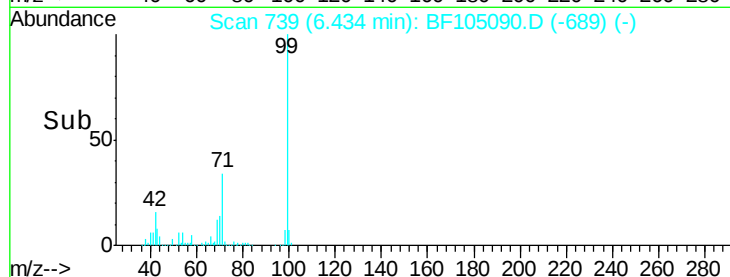
71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Tgt Ion: 136 Resp: 447281

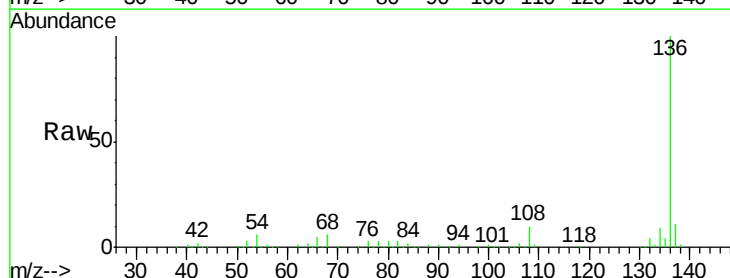
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 5.0 7.4

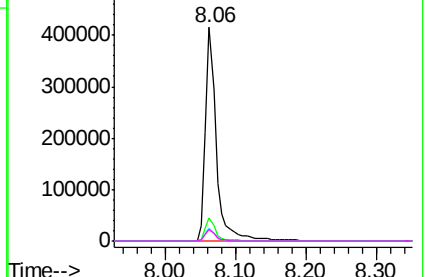
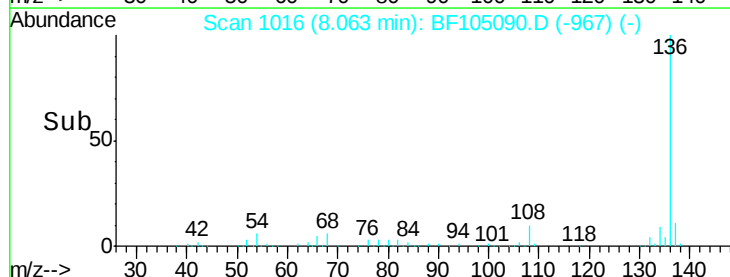


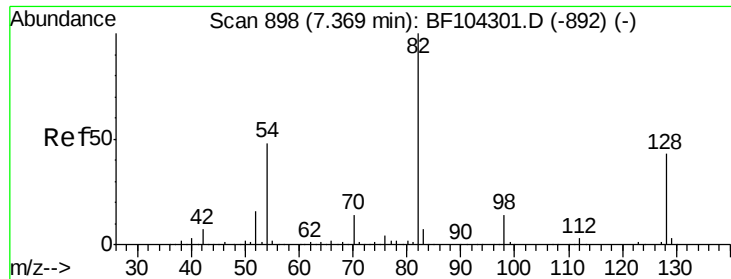
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

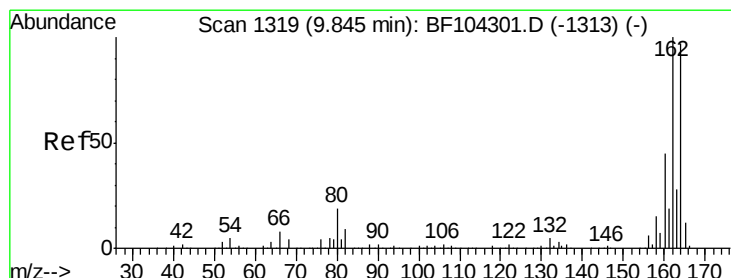
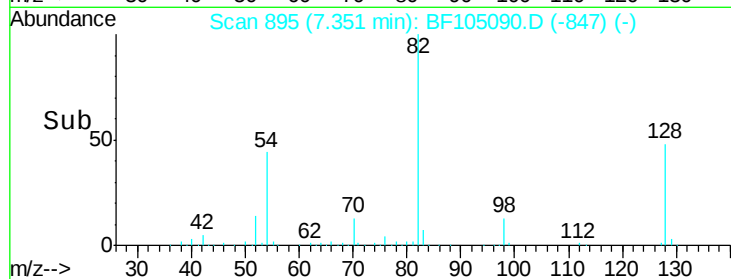
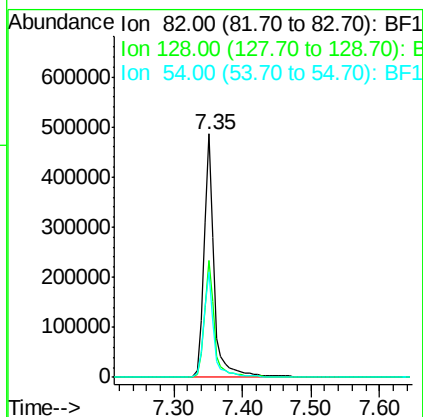
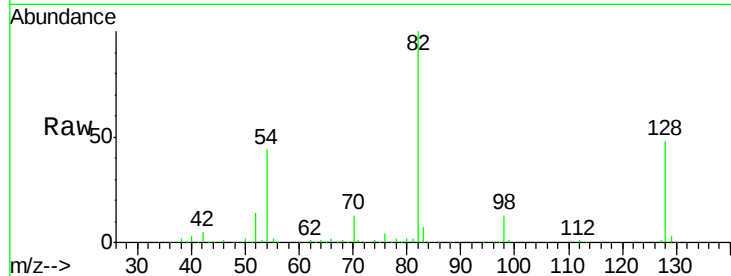




#23
 Nitrobenzene-d5
 Concen: 76.241 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105090.D
 Acq: 3 May 2018 23:13

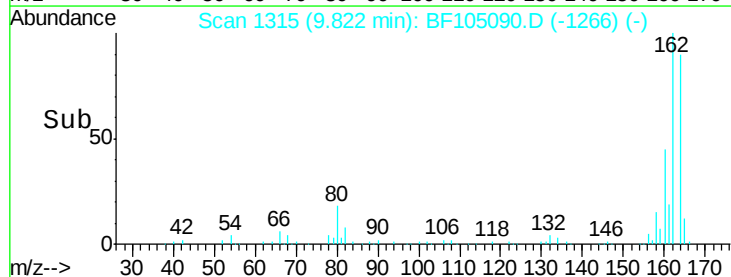
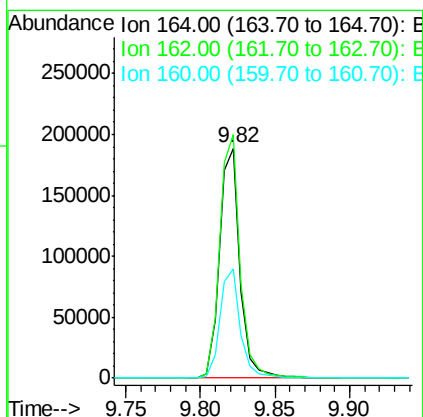
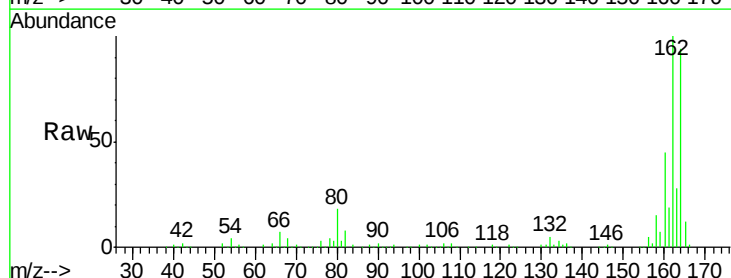
Instrument :
 BNA_F
 ClientSampleId :
 EPE-F-6(0-5)

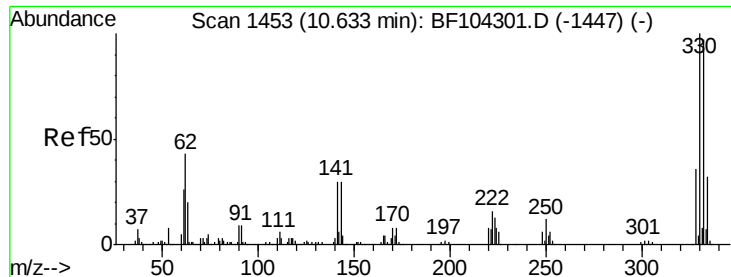
Tot Ion	82	Resp	522239
Ion Ratio	100	Lower	Upper
128	48.0	36.1	54.1
54	43.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105090.D
 Acq: 3 May 2018 23:13

Tgt Ion	164	Resp	182425
Ion Ratio	100	Lower	Upper
162	106.1	86.1	129.1
160	47.3	38.3	57.5

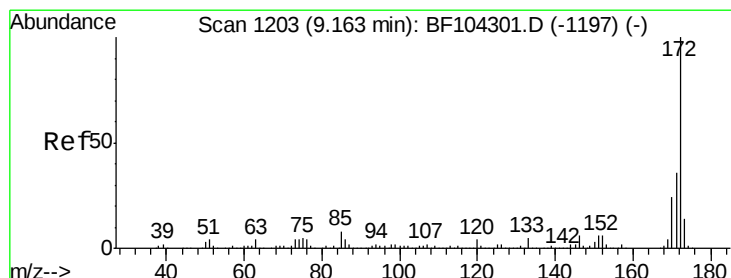
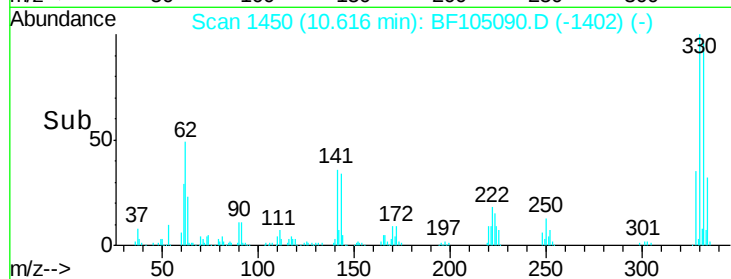
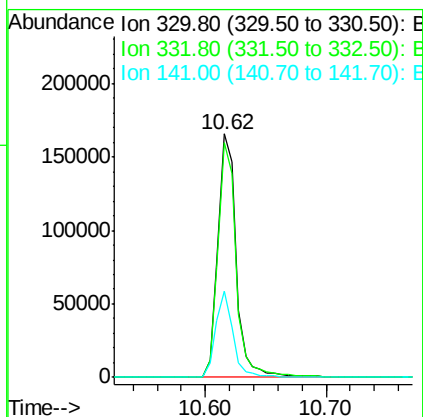
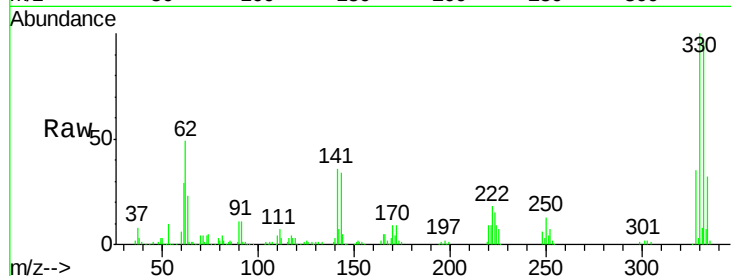




#41
 2,4,6-Tribromophenol
 Concen: 91.380 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.02 min
 Lab File: BF105090.D
 Acq: 3 May 2018 23:13

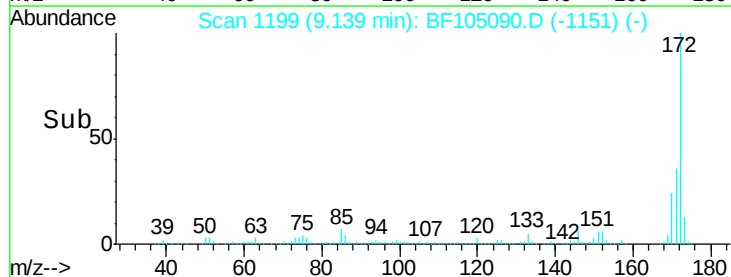
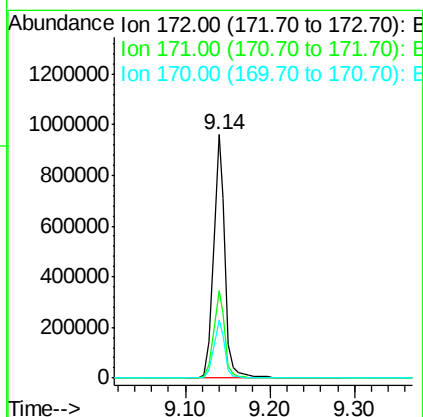
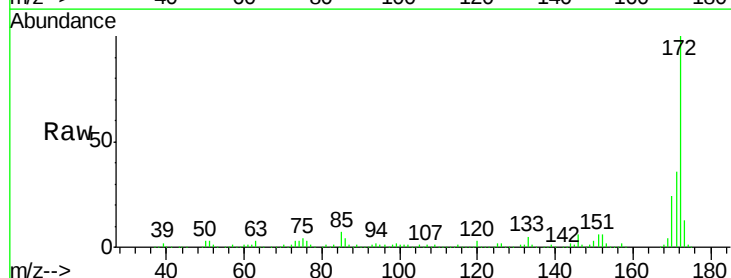
Instrument :
 BNA_F
 ClientSampleId :
 EPE-F-6(0-5)

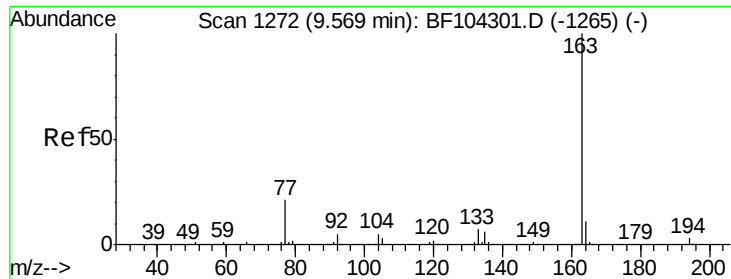
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 80.314 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105090.D
 Acq: 3 May 2018 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

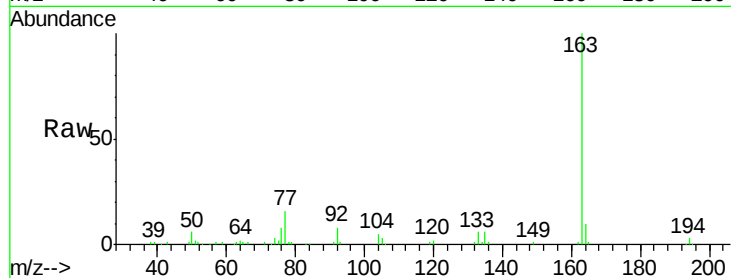




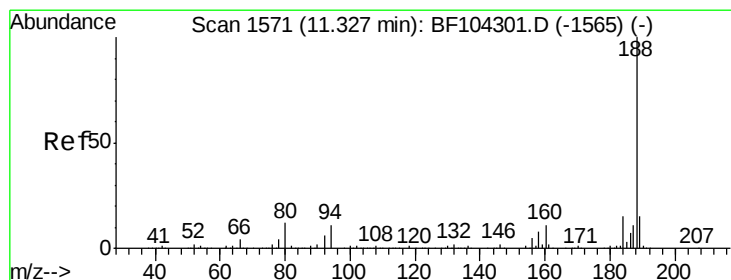
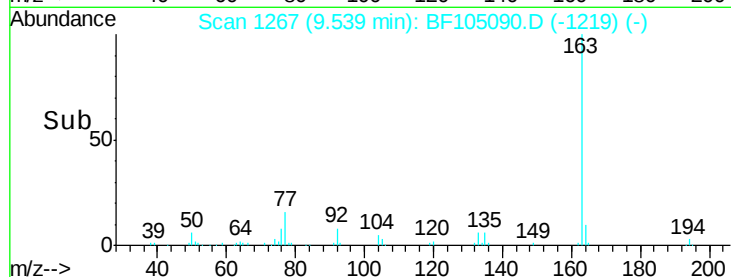
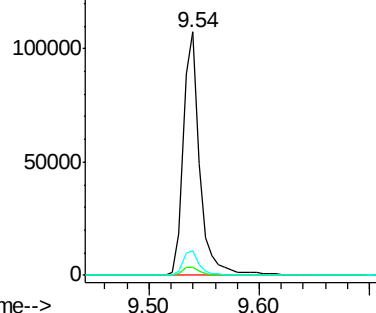
#49
Dimethylphthalate
Concen: 7.608 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-F-6(0-5)

Tot Ion:163 Resp: 109440
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

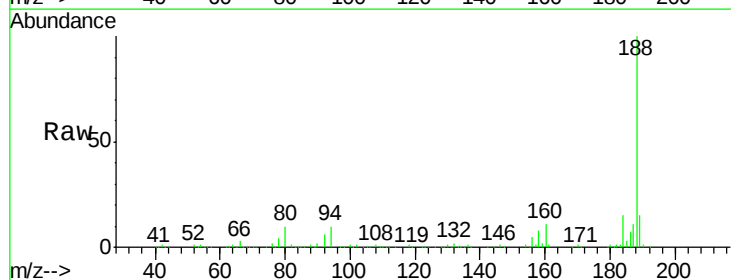


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

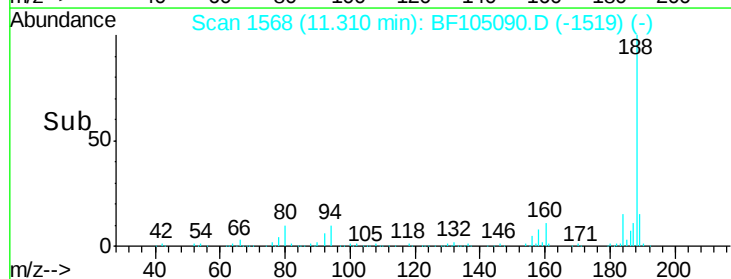
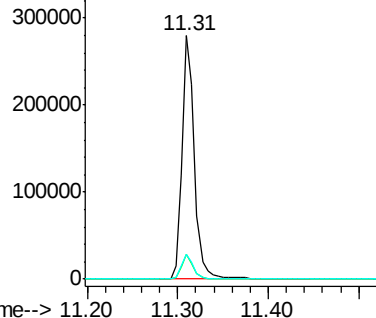


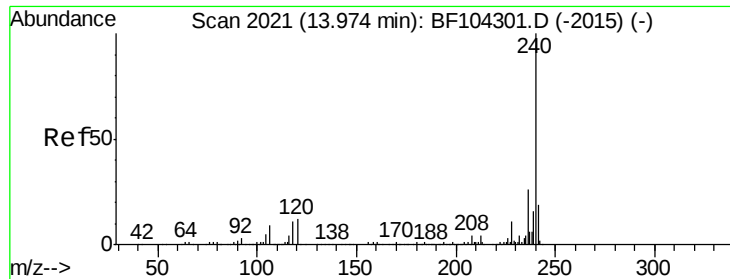
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Tgt Ion:188 Resp: 270181
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

Instrument :

BNA_F

ClientSampleId :

EPE-F-6(0-5)

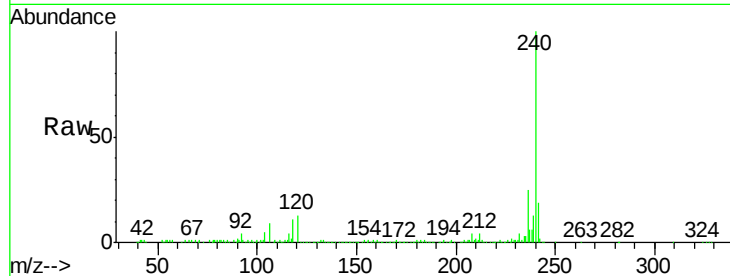
Tot Ion:240 Resp: 193794

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

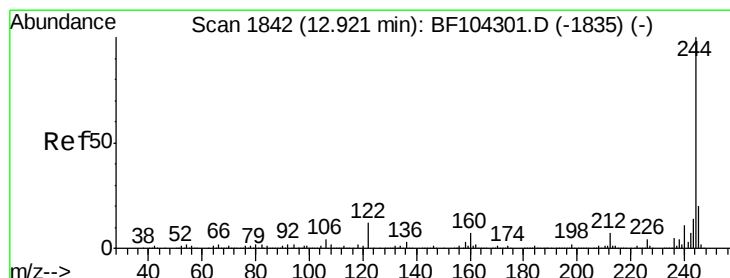
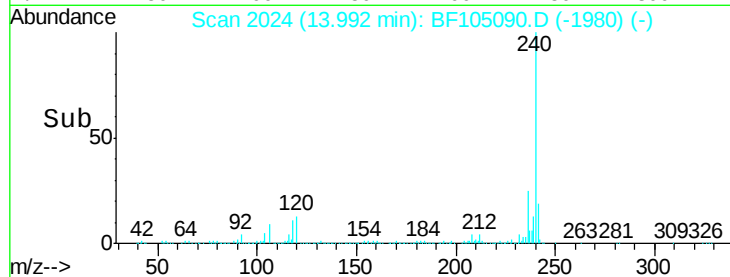
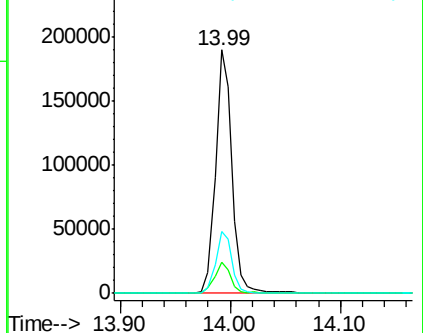
236 25.3 20.7 31.1



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: 75.880 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF105090.D

Acq: 3 May 2018 23:13

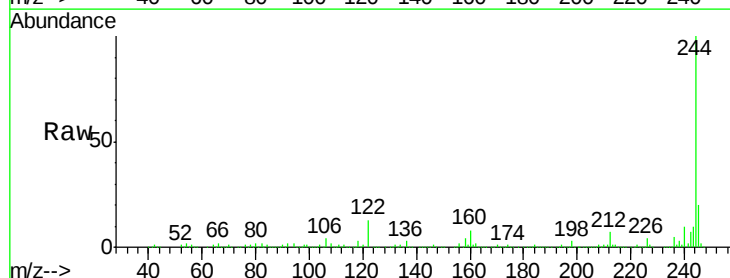
Tgt Ion:244 Resp: 645010

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

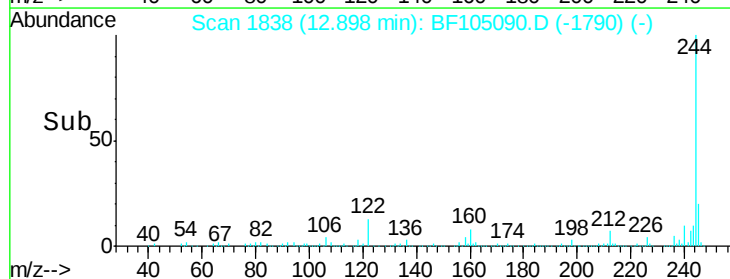
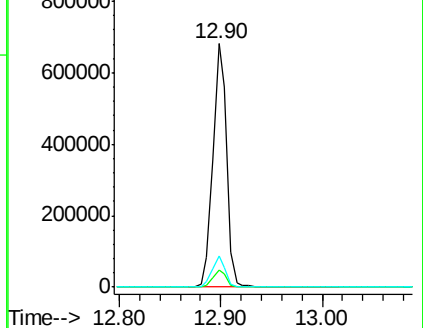
122 12.9 11.0 16.4

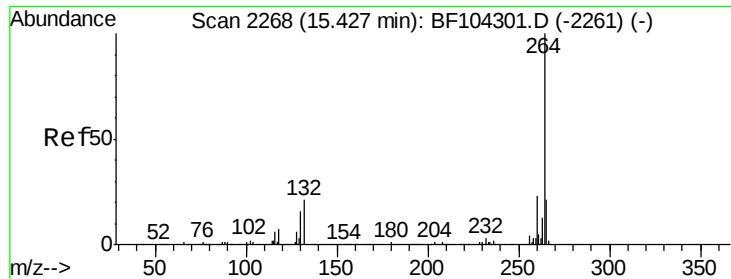


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.06 min
Lab File: BF105090.D
Acq: 3 May 2018 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-F-6(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3

