

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103806.D
 Acq On : 20 Mar 2018 17:05
 Operator : JU/SJ
 Sample : J1983-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-4DS(10-12)

Quant Time: Mar 21 01:18:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

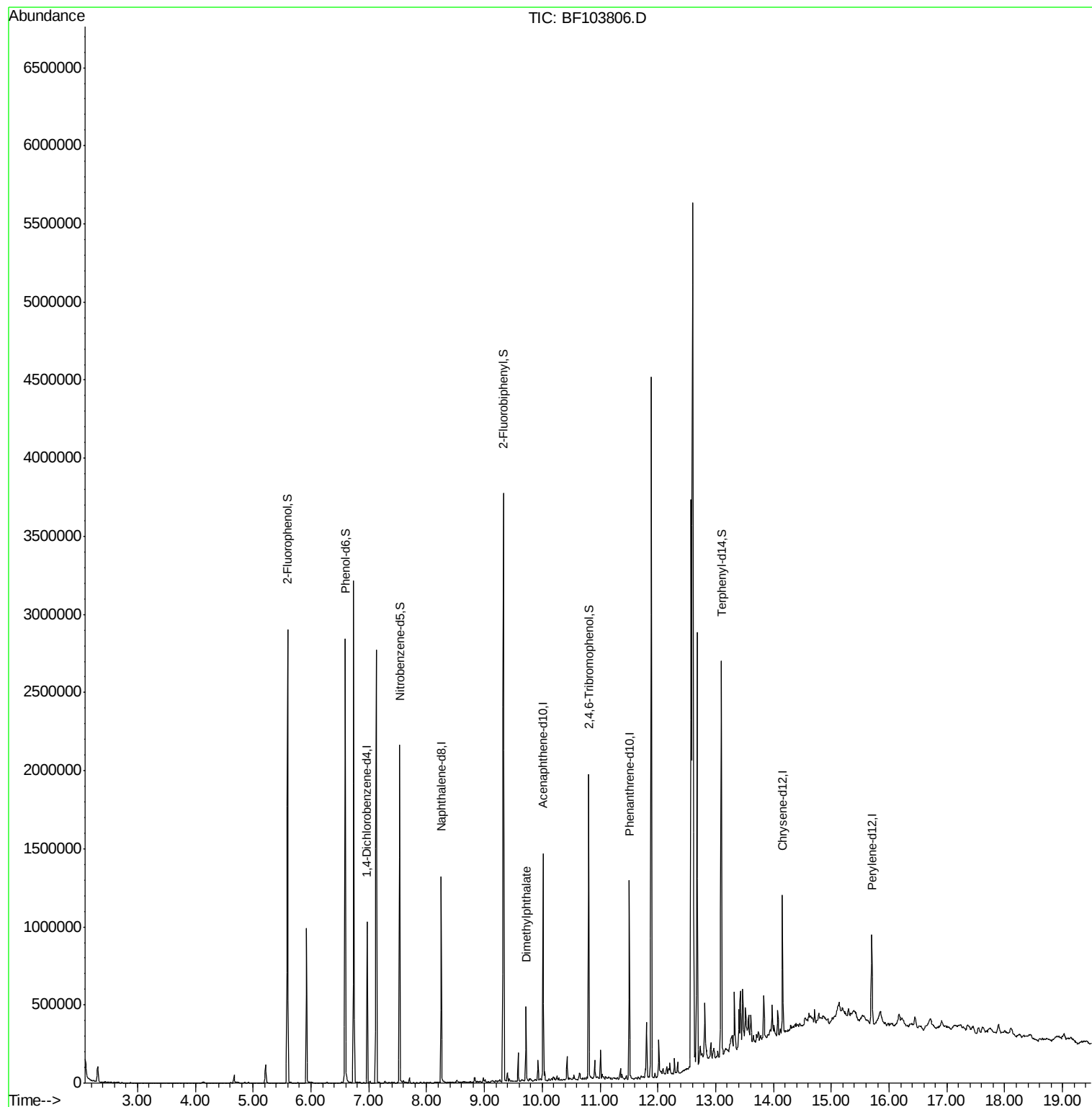
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153217	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	621863	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	280981	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	451932	20.00	ng	0.00
75) Chrysene-d12	14.16	240	297619	20.00	ng	0.00
86) Perylene-d12	15.70	264	269339	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	962609	95.56	ng	0.02
7) Phenol-d6	6.59	99	1211014	98.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	718242	80.54	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	238748	98.82	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1123251	63.77	ng	0.00
78) Terphenyl-d14	13.10	244	849177	66.23	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	157582	7.351	ng	Qvalue 99

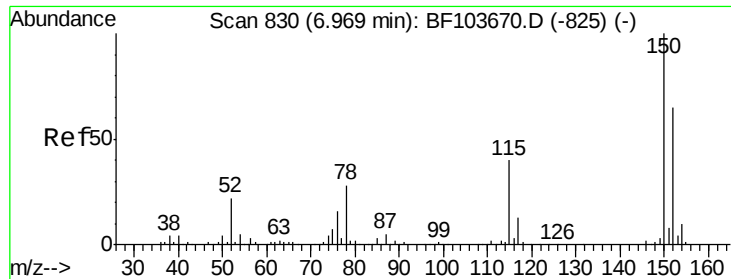
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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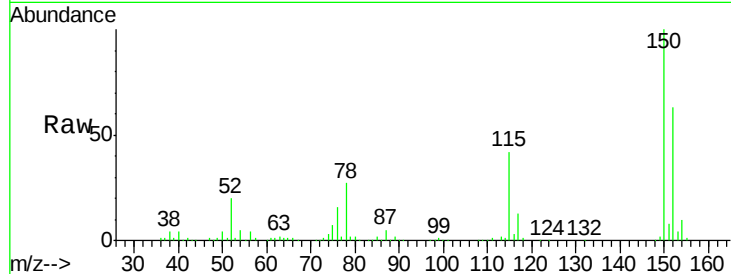


#1

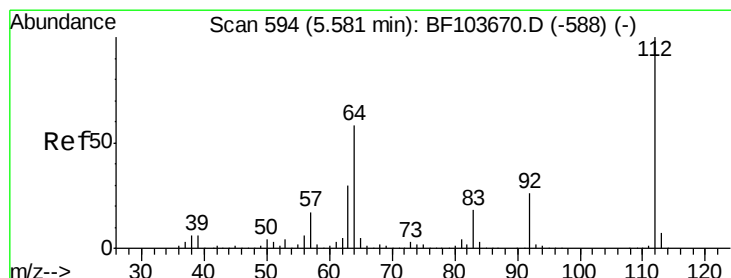
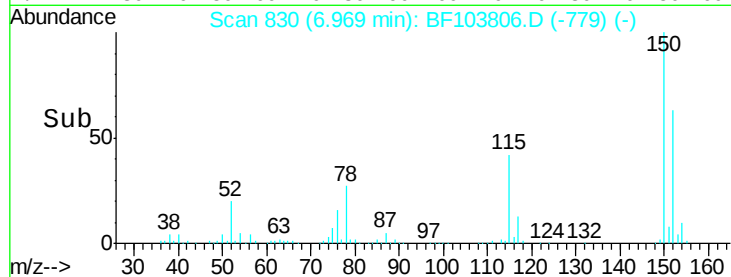
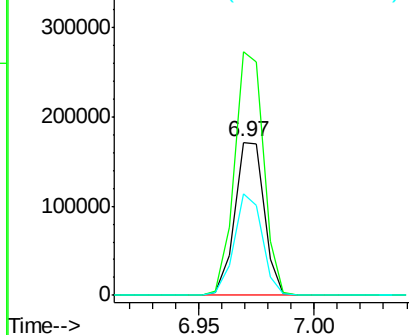
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103806.D
Acq: 20 Mar 2018 17:05

Instrument :
BNA_F
ClientSampleId :
EPE-L-4DS(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	66.5	50.1	75.1



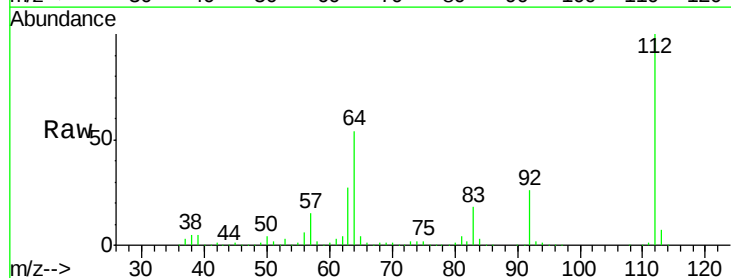
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



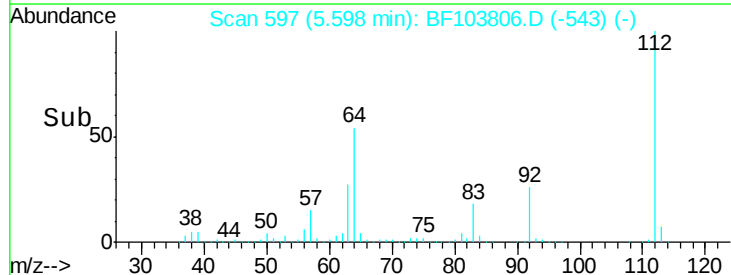
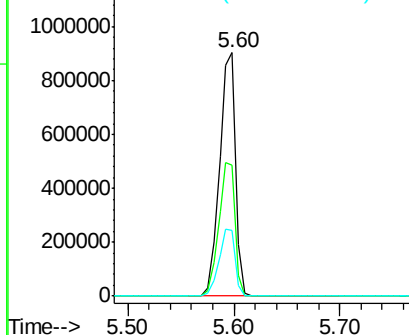
#5

2-Fluorophenol
Concen: 95.559 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103806.D
Acq: 20 Mar 2018 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	26.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.263 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103806.D

Acq: 20 Mar 2018 17:05

Instrument :

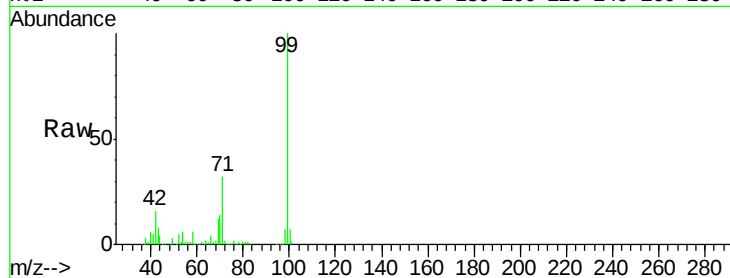
BNA_F

ClientSampleId :

EPE-L-4DS(10-12)

Tot Ion: 99 Resp: 1211014

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.3	25.4	38.0

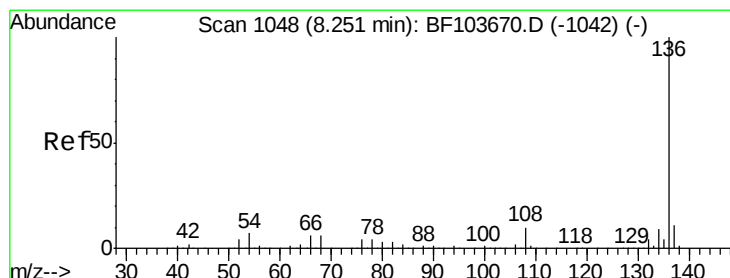
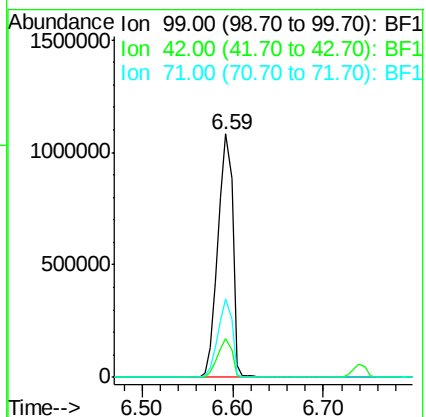
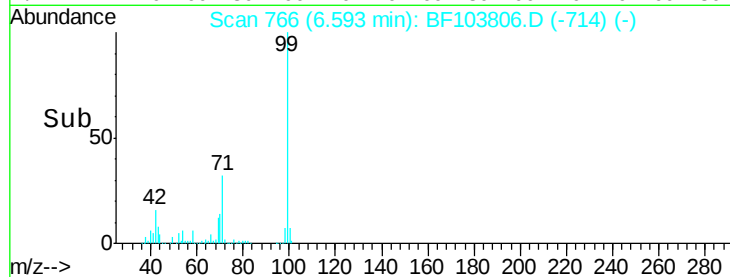


Abundance

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: 8.25 min Scan# 1048

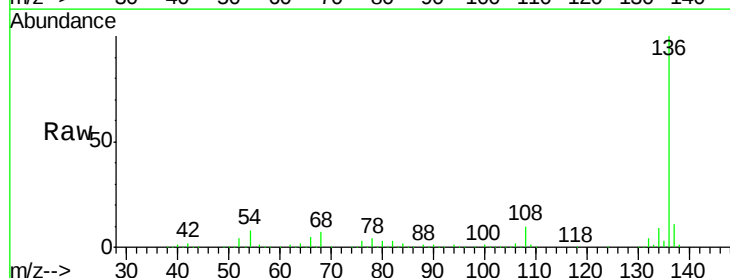
Delta R.T. 0.00 min

Lab File: BF103806.D

Acq: 20 Mar 2018 17:05

Tgt Ion: 136 Resp: 621863

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	7.0	5.0	7.4



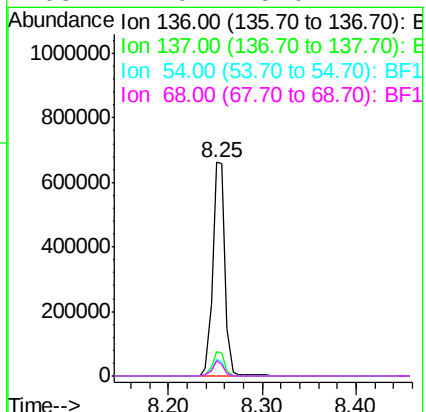
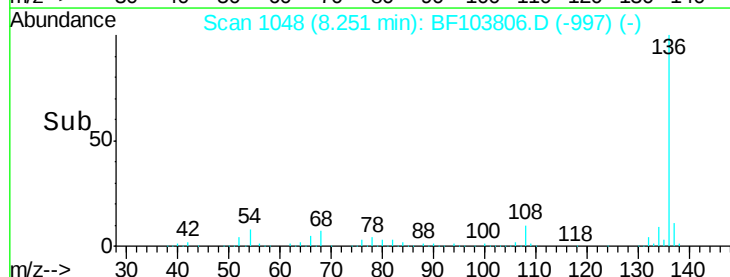
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

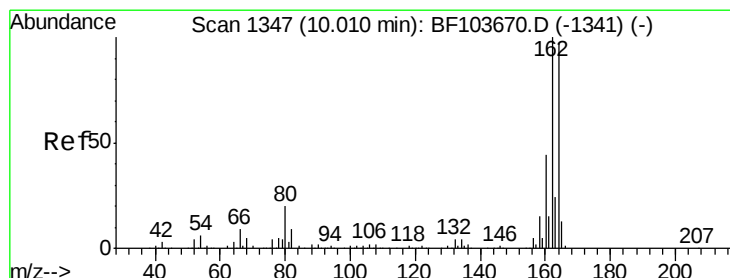
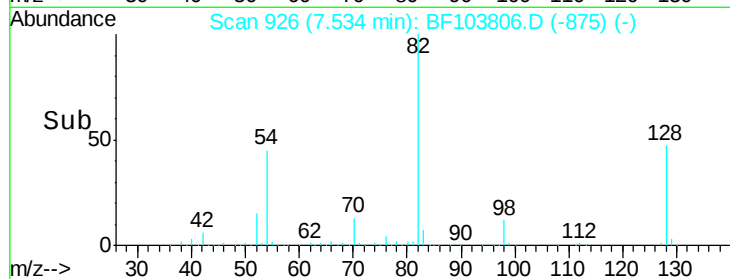
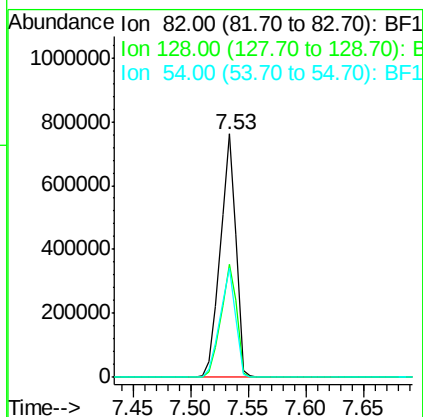
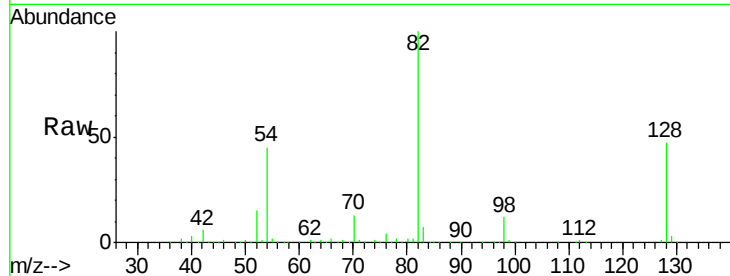




#23
 Nitrobenzene-d5
 Concen: 80.544 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103806.D
 Acq: 20 Mar 2018 17:05

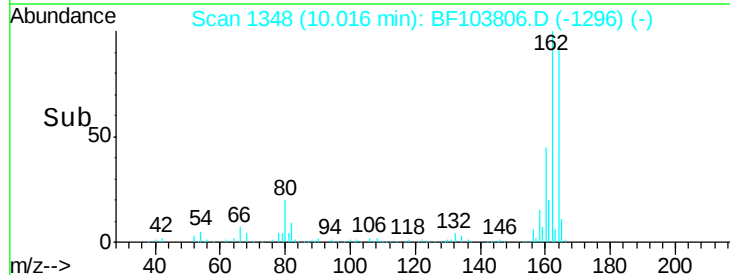
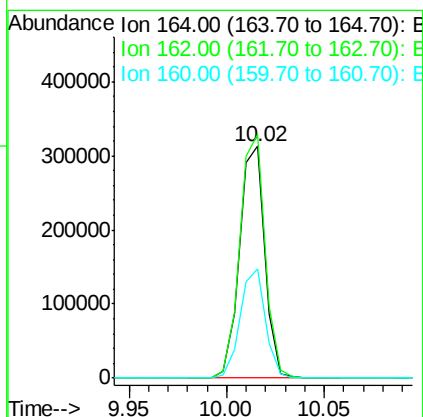
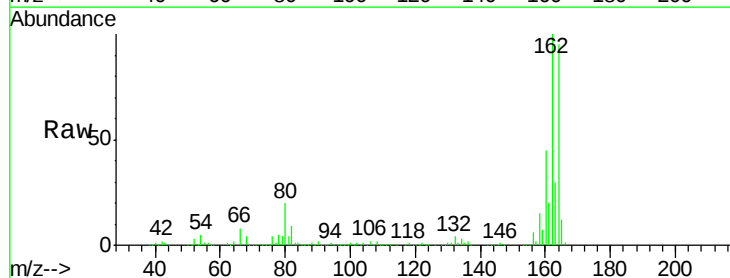
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-4DS(10-12)

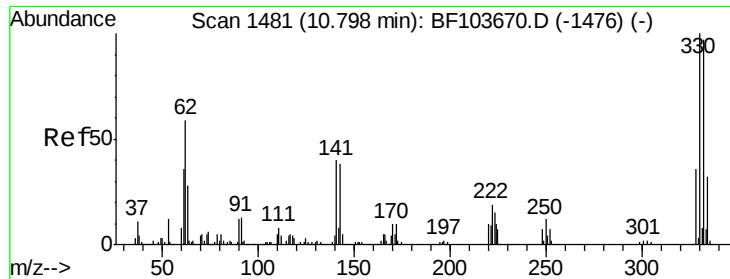
Tot Ion: 82 Resp: 718242
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 45.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103806.D
 Acq: 20 Mar 2018 17:05

Tgt Ion:164 Resp: 280981
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 47.0 38.3 57.5

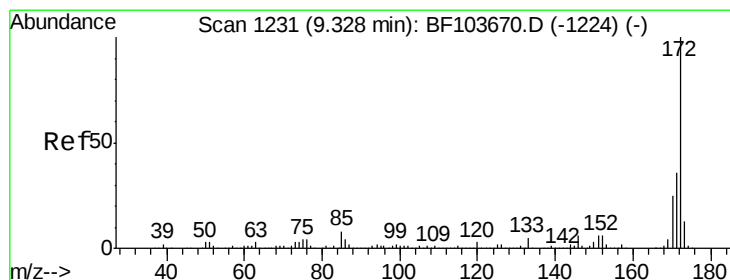
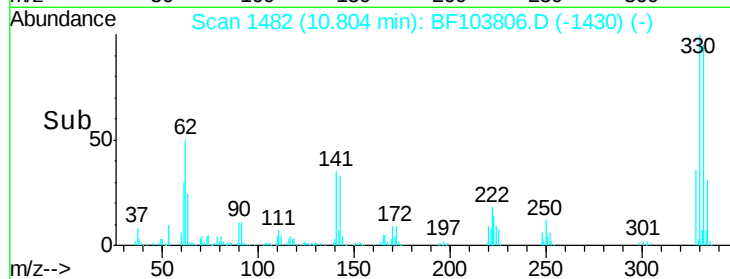
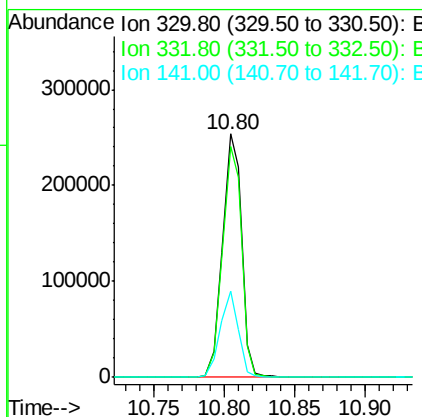
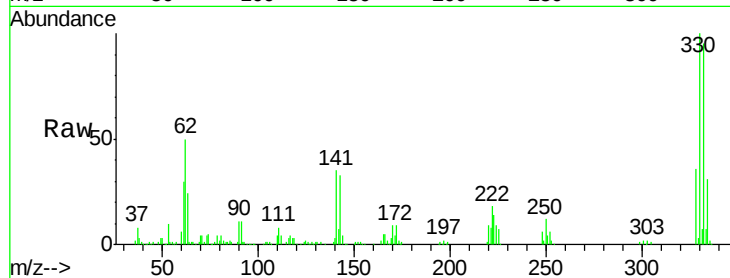




#41
 2,4,6-Tribromophenol
 Concen: 98.824 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103806.D
 Acq: 20 Mar 2018 17:05

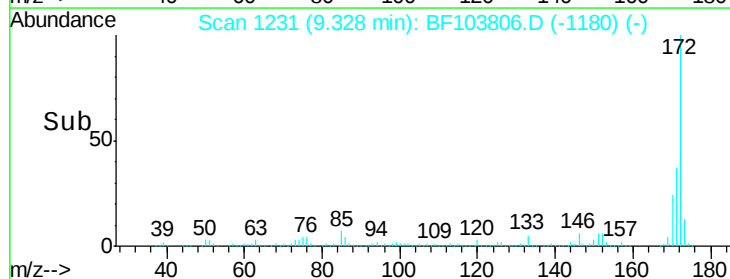
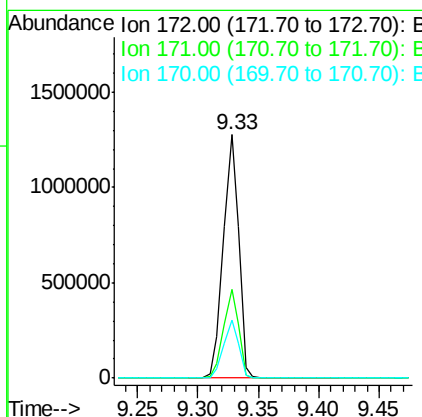
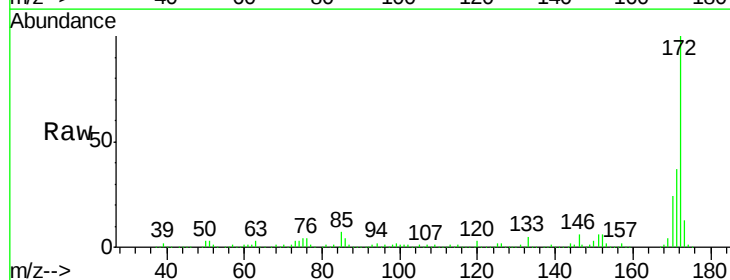
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-4DS(10-12)

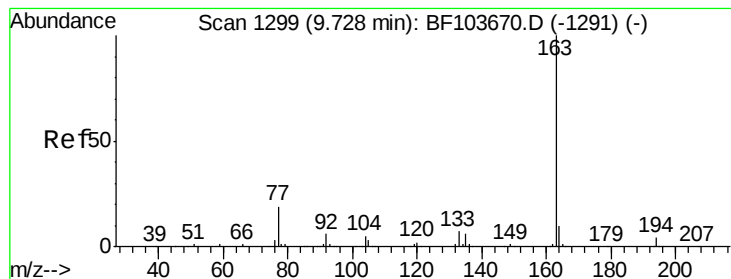
Tot Ion:330 Resp: 238748
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 33.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 63.768 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103806.D
 Acq: 20 Mar 2018 17:05

Tgt Ion:172 Resp: 1123251
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.1 19.6 29.4





#49

Dimethylphthalate

Concen: 7.351 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103806.D

Acq: 20 Mar 2018 17:05

Instrument :

BNA_F

ClientSampleId :

EPE-L-4DS(10-12)

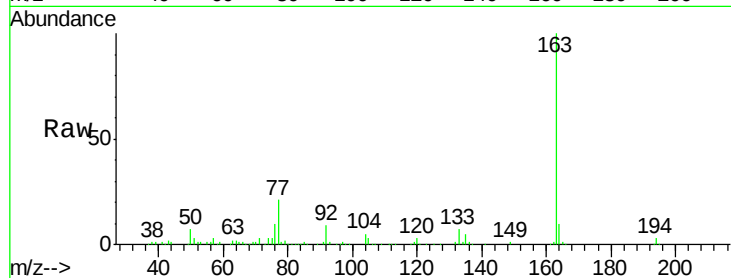
Tot Ion:163 Resp: 157582

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

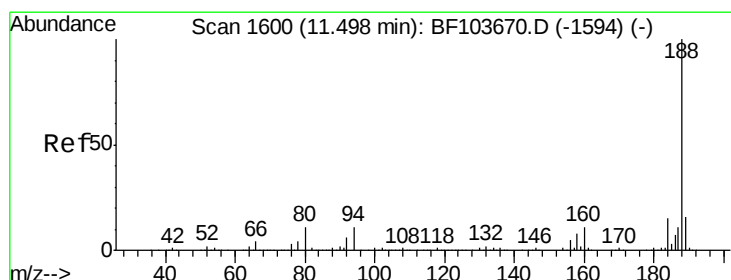
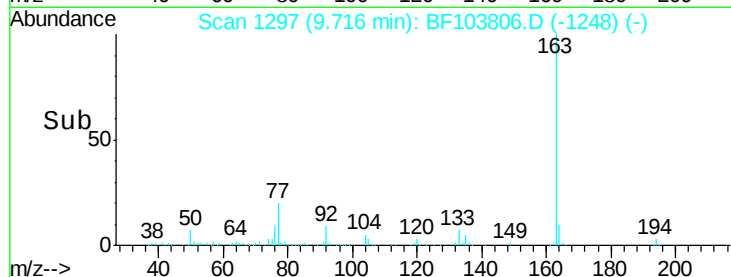
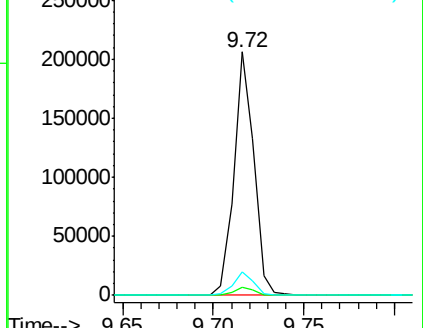
164 9.7 8.2 12.2



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: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103806.D

Acq: 20 Mar 2018 17:05

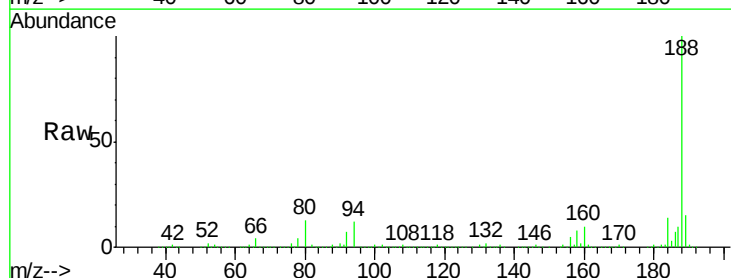
Tgt Ion:188 Resp: 451932

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

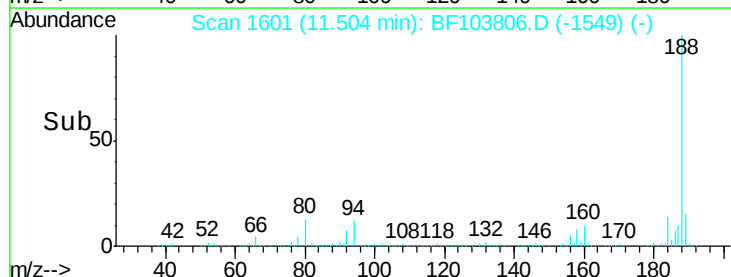
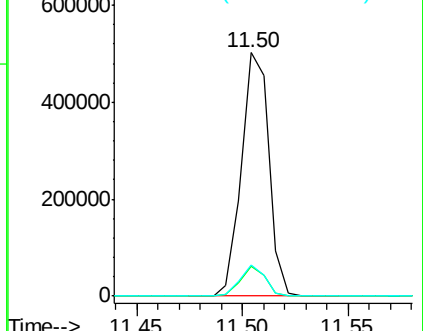
80 13.0 9.2 13.8

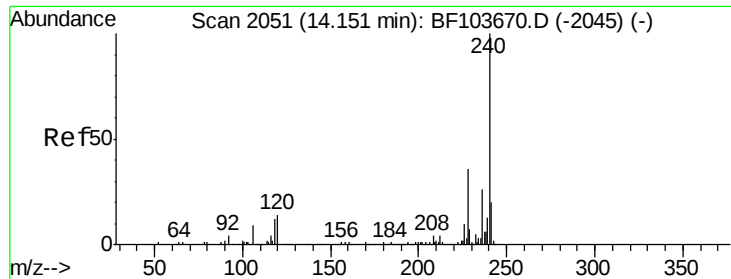


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103806.D

Acq: 20 Mar 2018 17:05

Instrument :

BNA_F

ClientSampleId :

EPE-L-4DS(10-12)

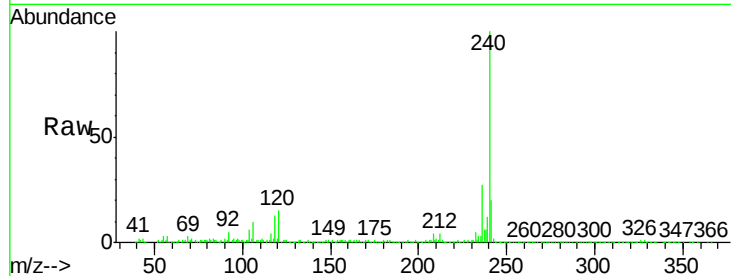
Tot Ion:240 Resp: 297619

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

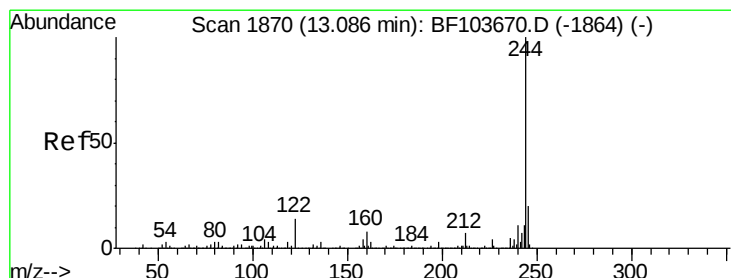
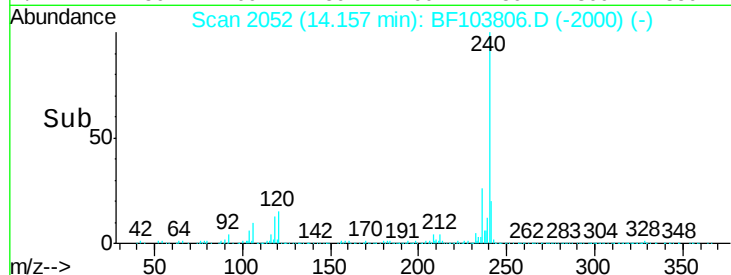
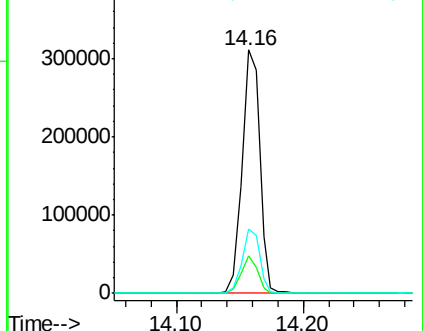
236 26.5 20.7 31.1



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: 66.228 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103806.D

Acq: 20 Mar 2018 17:05

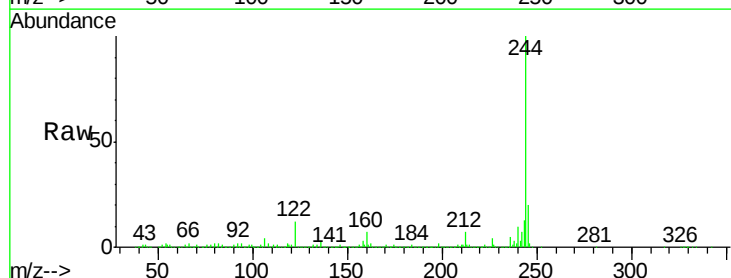
Tgt Ion:244 Resp: 849177

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

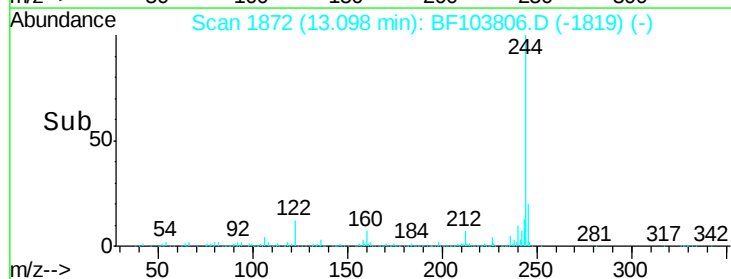
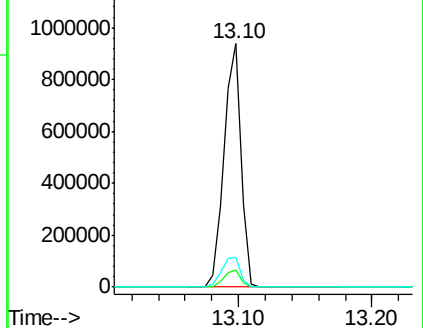
122 12.5 11.0 16.4

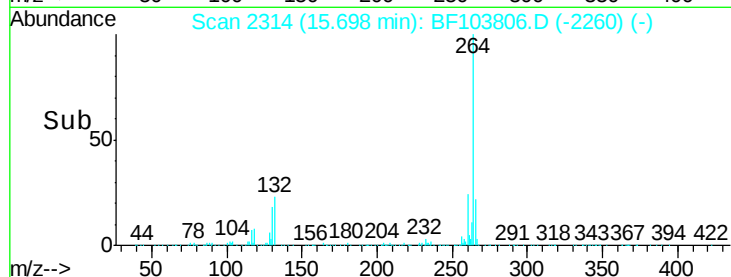
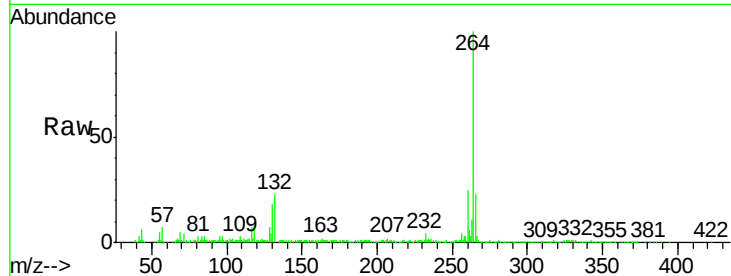
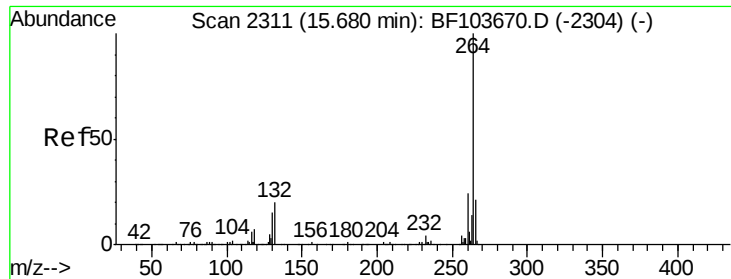


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103806.D
Acq: 20 Mar 2018 17:05

Instrument :
BNA_F
ClientSampleId :
EPE-L-4DS(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.7	17.5	26.3

