

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100152.D
 Acq On : 3 Nov 2017 23:14
 Operator : SJ/JU
 Sample : I6257-02 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-110-1(5-10)

Quant Time: Nov 04 00:06:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

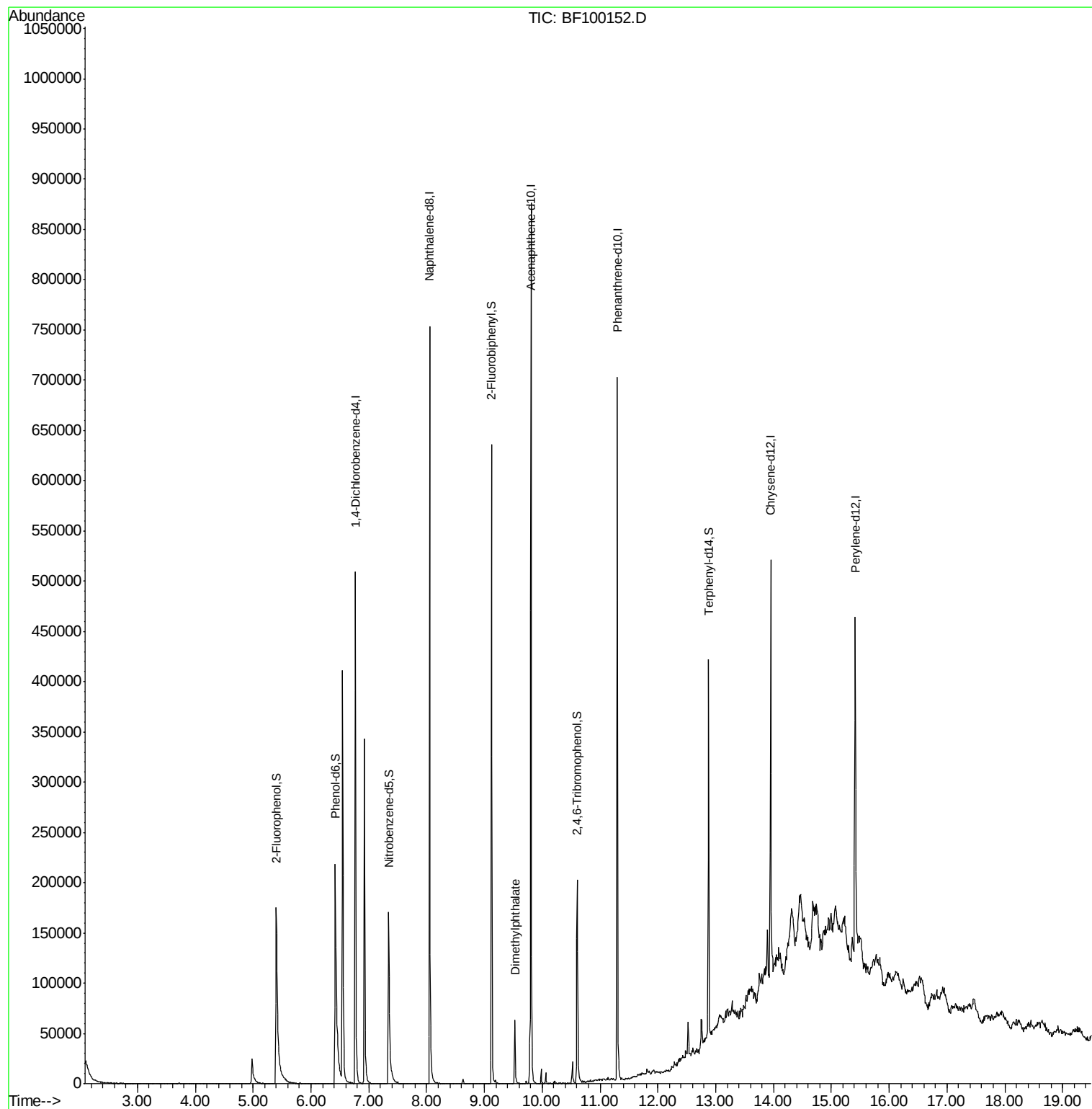
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95156	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	384368	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	167316	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	258344	20.00	ng	0.00
75) Chrysene-d12	13.95	240	154066	20.00	ng	0.00
86) Perylene-d12	15.41	264	160236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	135601	22.37	ng	0.00
7) Phenol-d6	6.42	99	172870	24.05	ng	0.00
23) Nitrobenzene-d5	7.35	82	94105	15.76	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	31048	20.36	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	200273	18.47	ng	0.00
78) Terphenyl-d14	12.87	244	110354	15.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	37053	2.796	ng	Qvalue # 99

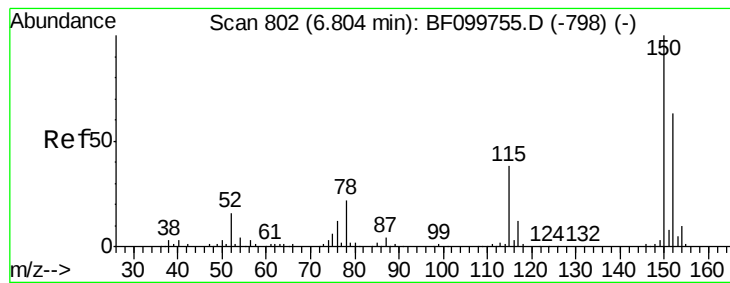
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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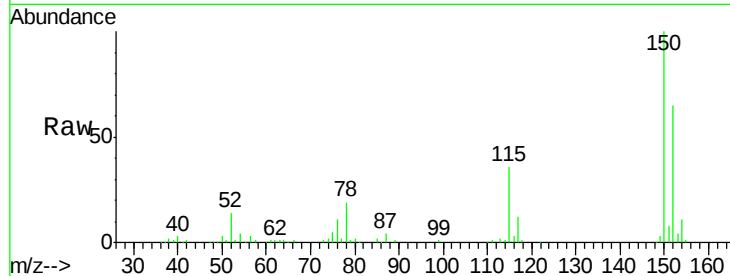


#1

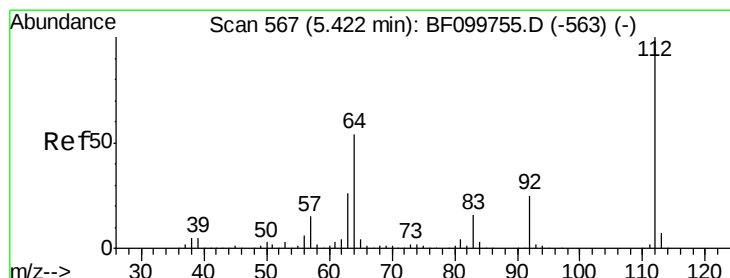
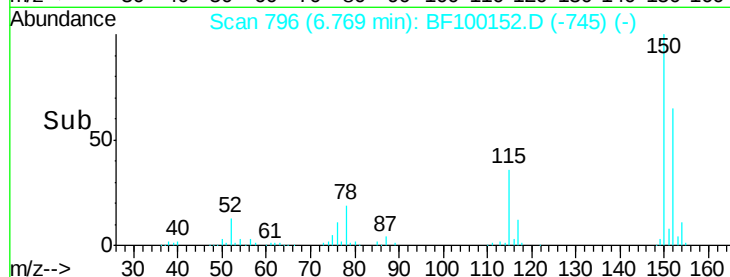
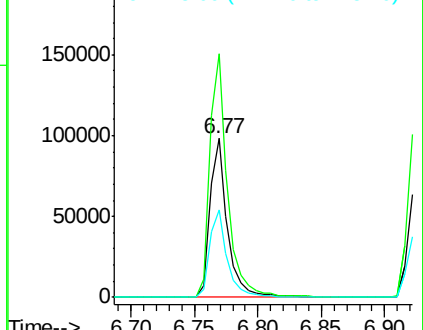
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Instrument :
BNA_F
ClientSampleId :
EPE-110-1(5-10)

Tgt Ion:152 Resp: 95156
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 55.2 50.1 75.1



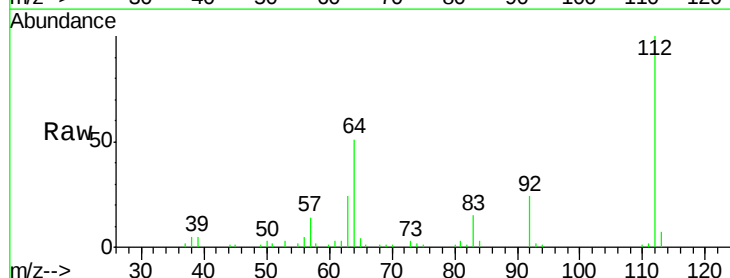
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



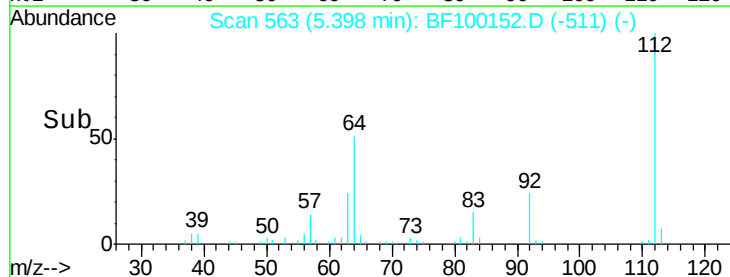
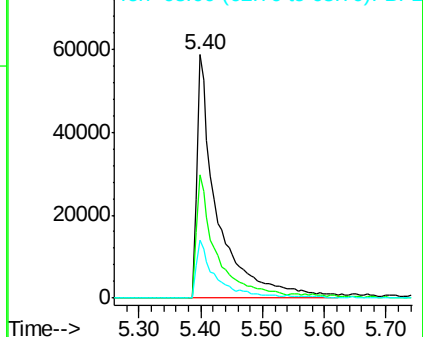
#5

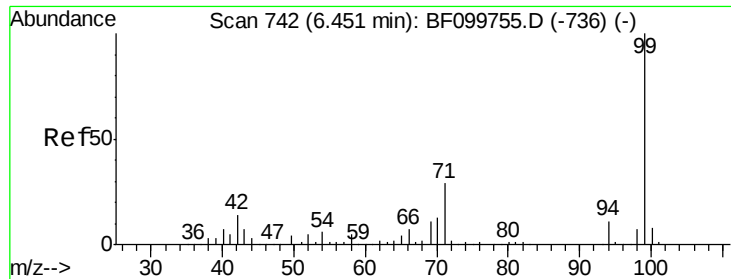
2-Fluorophenol
Concen: 22.373 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Tgt Ion:112 Resp: 135601
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 23.8 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: 24.054 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

Instrument :

BNA_F

ClientSampleId :

EPE-110-1(5-10)

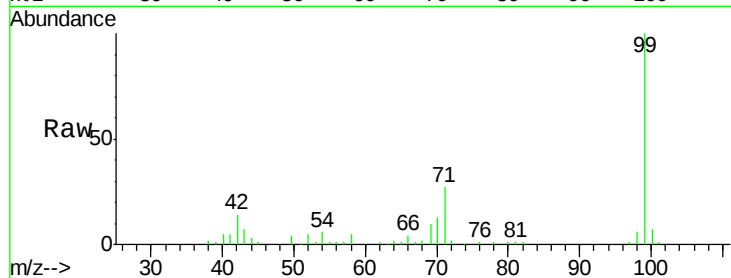
Tgt Ion: 99 Resp: 172870

Ion Ratio Lower Upper

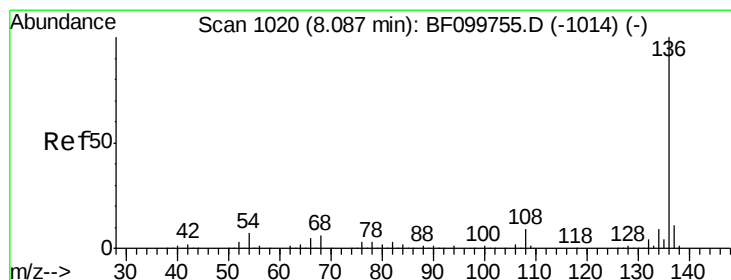
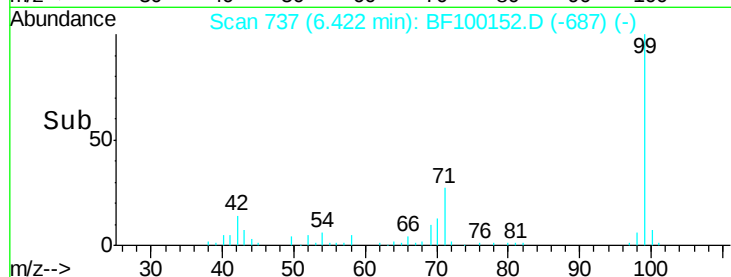
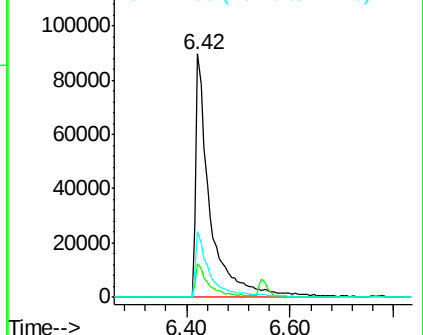
99 100

42 13.8 14.5 21.7#

71 26.7 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: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

Tgt Ion: 136 Resp: 384368

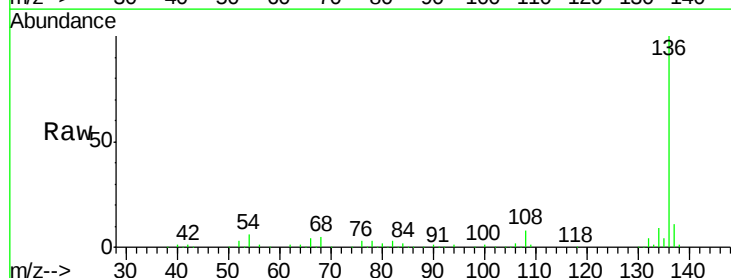
Ion Ratio Lower Upper

136 100

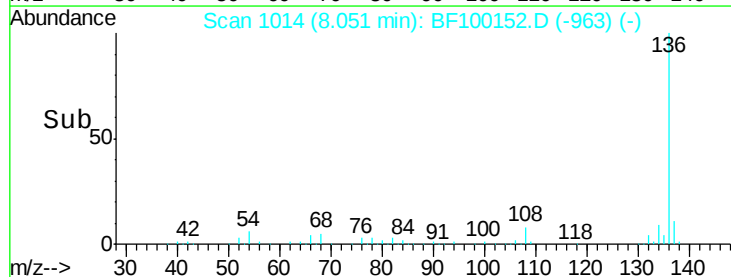
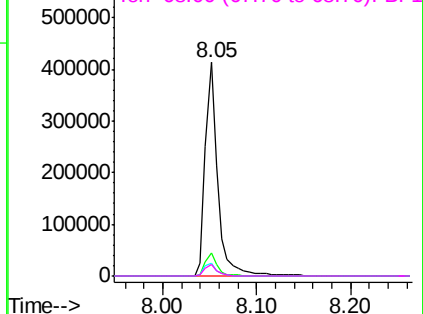
137 10.6 8.9 13.3

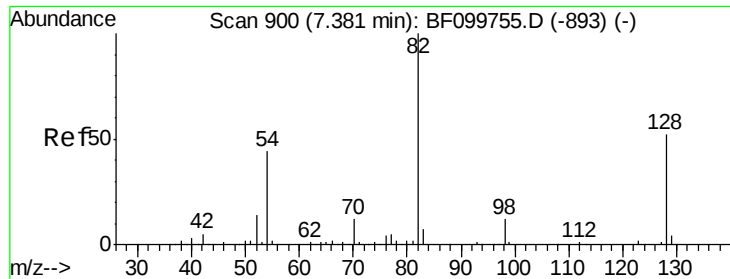
54 6.1 6.6 9.8#

68 5.3 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

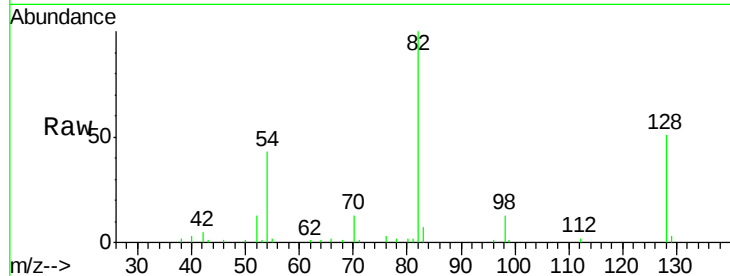




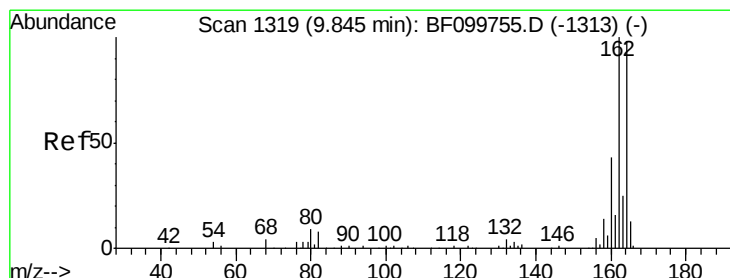
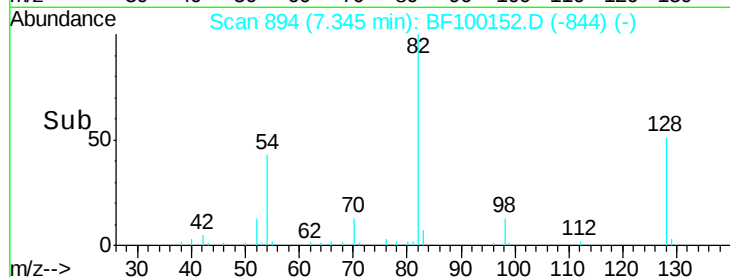
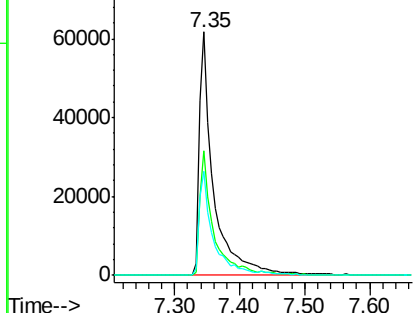
#23
Nitrobenzene-d5
Concen: 15.762 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Instrument :
BNA_F
ClientSampleId :
EPE-110-1(5-10)

Tgt Ion: 82 Resp: 94105
Ion Ratio Lower Upper
82 100
128 51.1 36.1 54.1
54 42.5 41.4 62.2

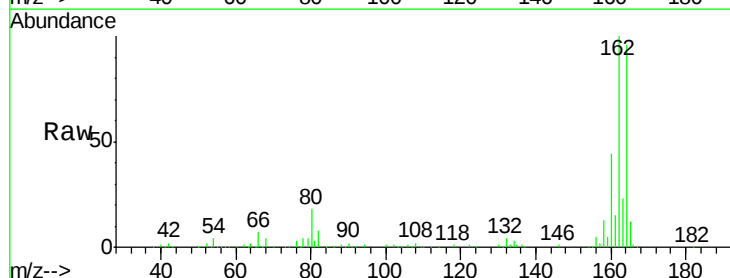


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

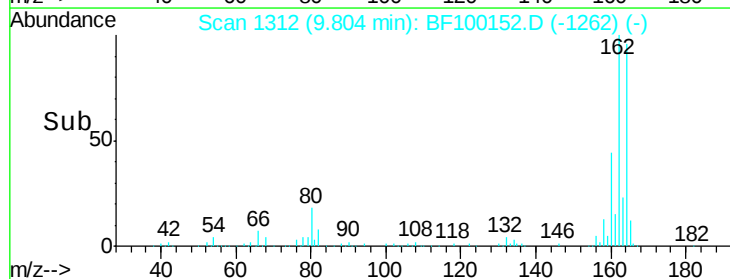
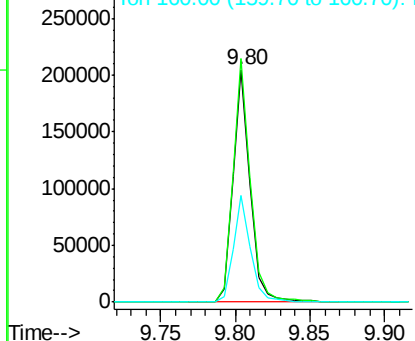


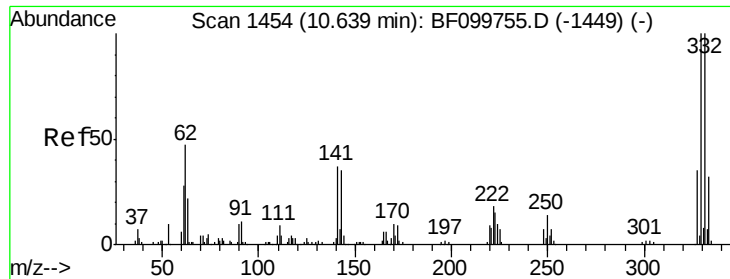
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Tgt Ion: 164 Resp: 167316
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 45.6 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

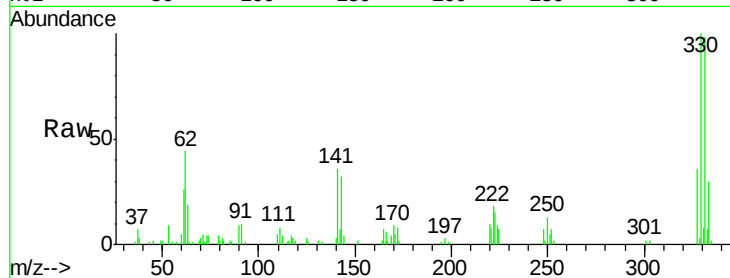




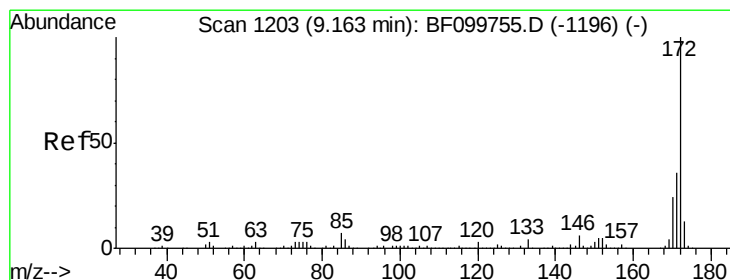
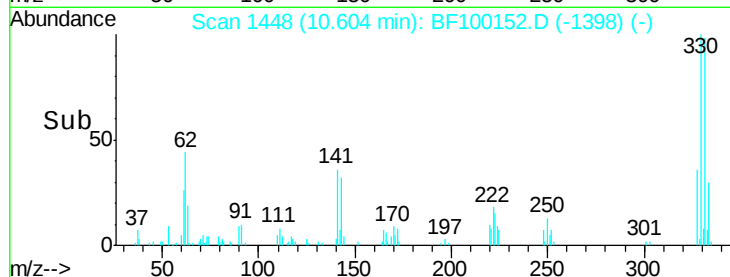
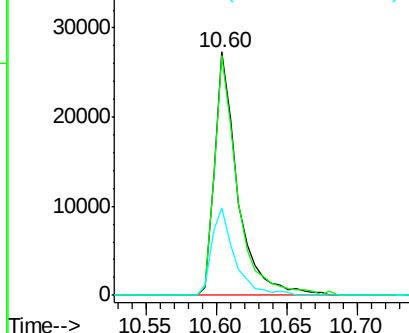
#41
 2,4,6-Tribromophenol
 Concen: 20.362 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100152.D
 Acq: 3 Nov 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :
 EPE-110-1(5-10)

Tgt Ion:330 Resp: 31048
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 35.8 29.9 44.9

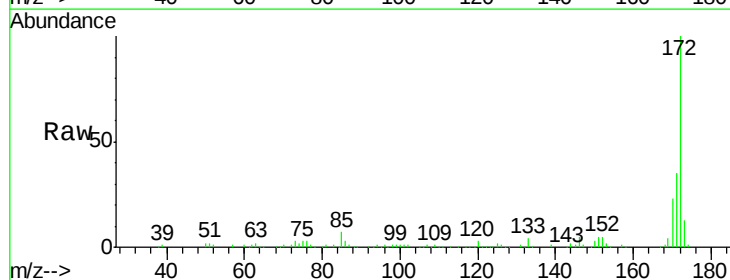


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

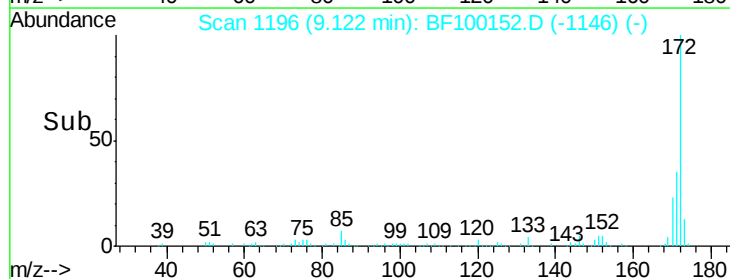
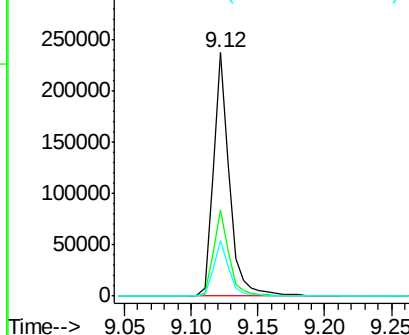


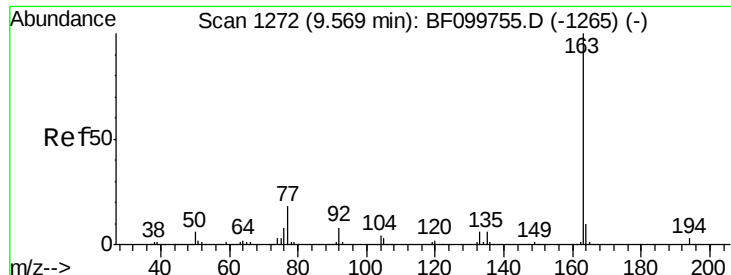
#44
 2-Fluorobiphenyl
 Concen: 18.467 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100152.D
 Acq: 3 Nov 2017 23:14

Tgt Ion:172 Resp: 200273
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 22.6 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

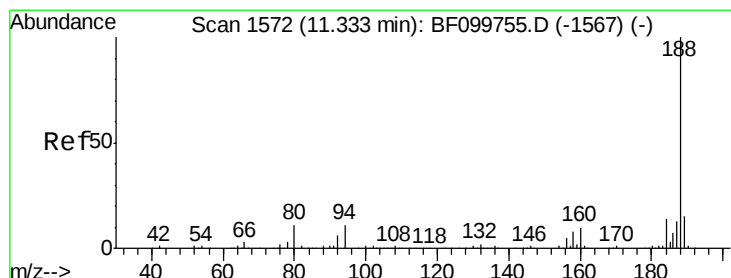
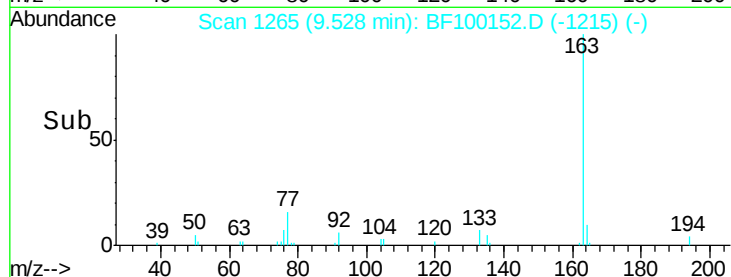
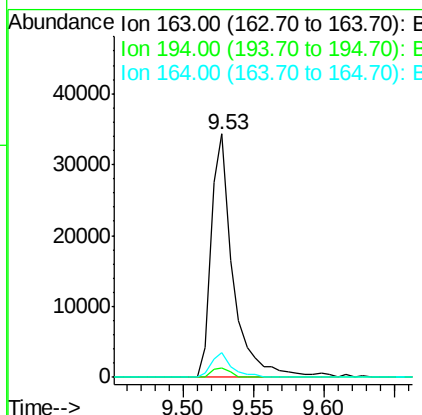
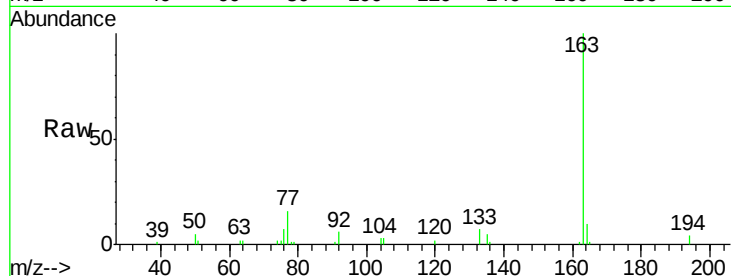




#49
Dimethylphthalate
Concen: 2.796 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

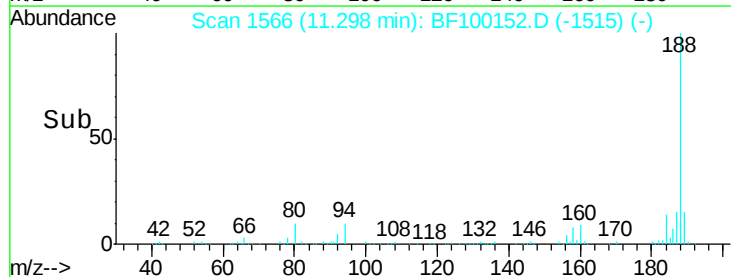
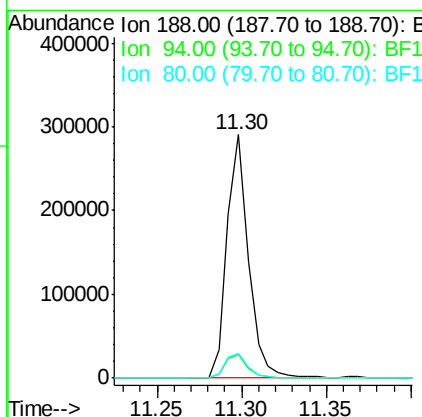
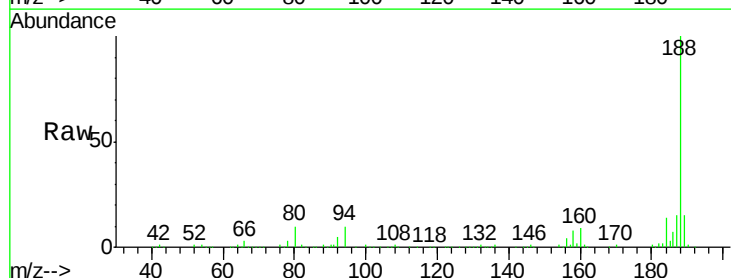
Instrument :
BNA_F
ClientSampleId :
EPE-110-1(5-10)

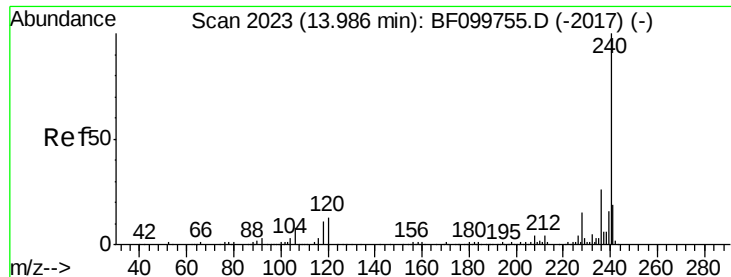
Tgt Ion:163 Resp: 37053
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Tgt Ion:188 Resp: 258344
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

Instrument :

BNA_F

ClientSampleId :

EPE-110-1(5-10)

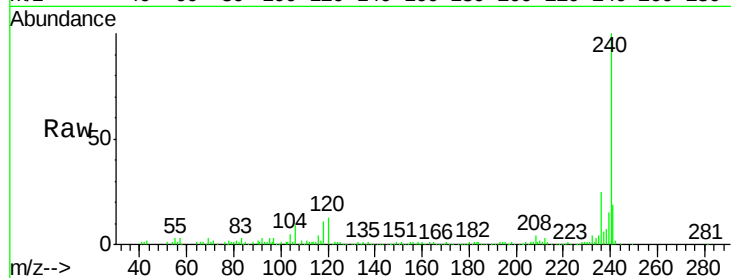
Tgt Ion:240 Resp: 154066

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

236 24.7 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

200000

150000

100000

50000

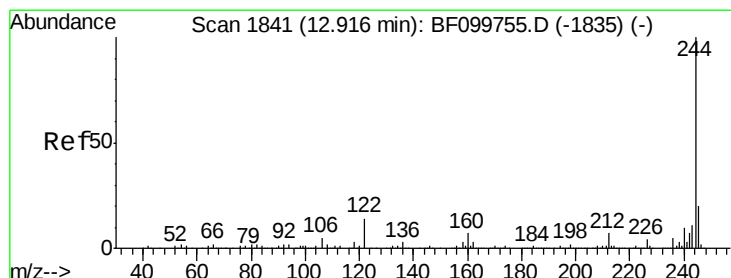
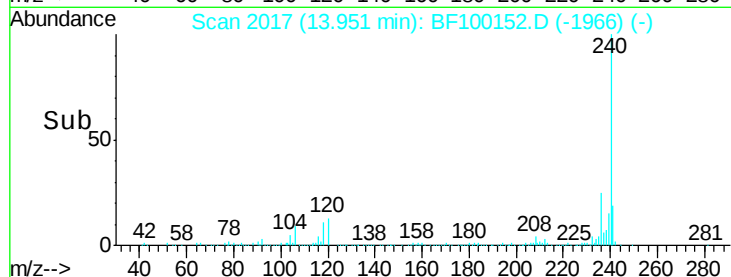
0

13.95

13.90

14.00

Time-->



#78

Terphenyl-d14

Concen: 15.653 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

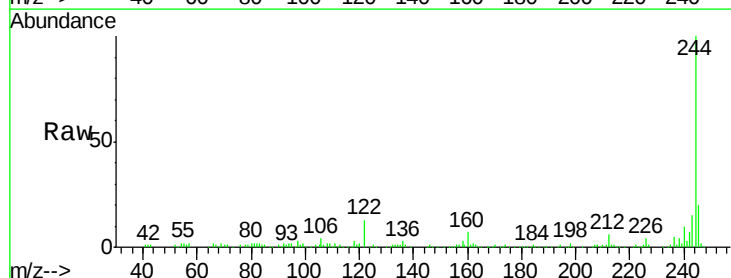
Tgt Ion:244 Resp: 110354

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 13.4 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

150000

100000

50000

0

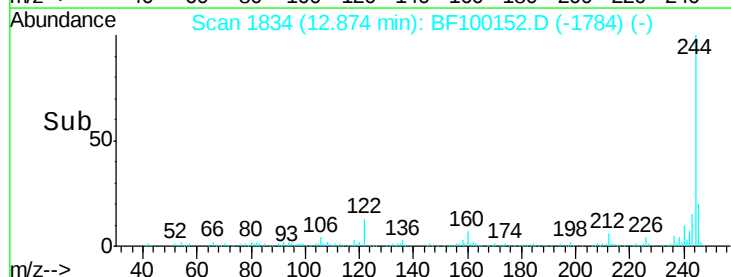
12.87

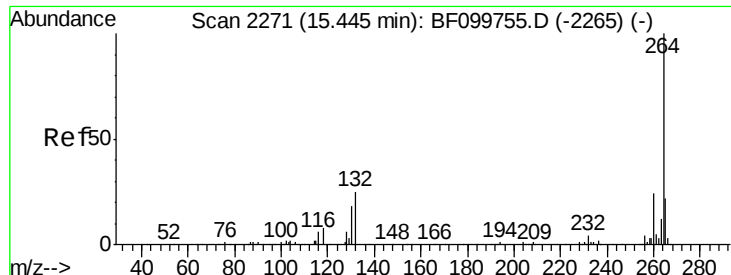
12.85

12.90

12.95

Time-->

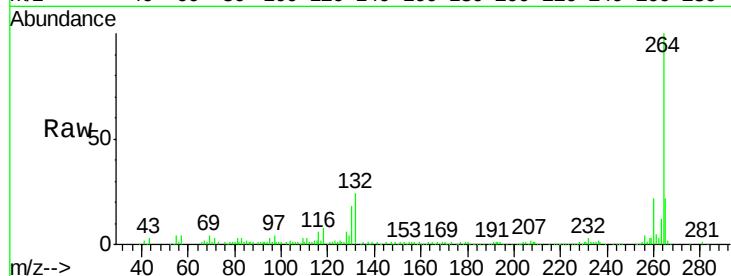




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Instrument :
BNA_F
ClientSampleId :
EPE-110-1(5-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.0	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

