

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099892.D
 Acq On : 27 Oct 2017 23:13
 Operator : SJ/JU
 Sample : I6029-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)

Quant Time: Oct 27 23:58:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

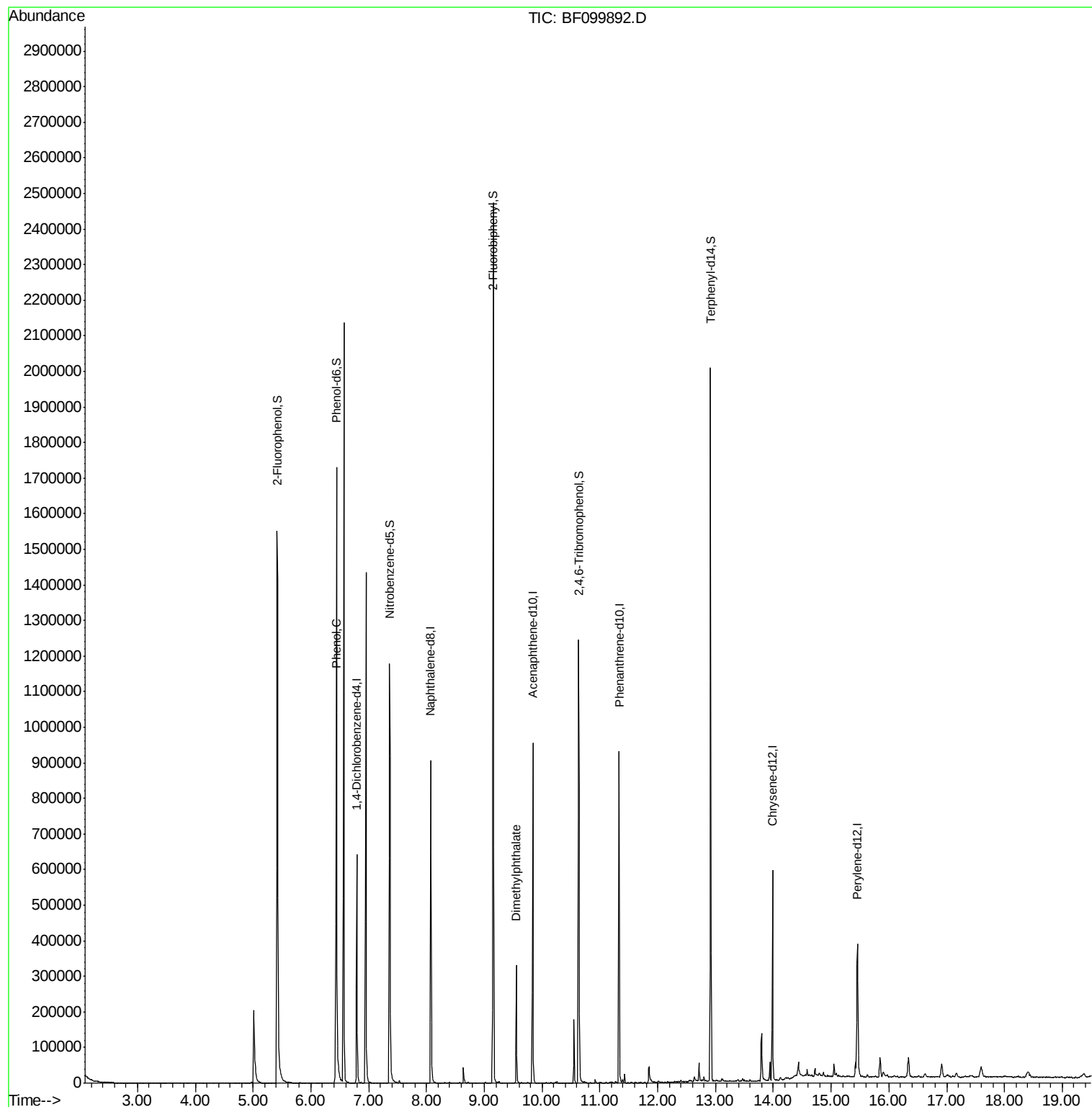
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	104182	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	427486	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	199158	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	352951	20.00	ng	0.00
75) Chrysene-d12	13.99	240	208700	20.00	ng	0.00
86) Perylene-d12	15.46	264	183579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	590618	89.00	ng	0.00
7) Phenol-d6	6.44	99	720298	91.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	423494	63.78	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	158594	87.38	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	860834	66.69	ng	0.00
78) Terphenyl-d14	12.92	244	728096	76.24	ng	0.00
Target Compounds						
10) Phenol	6.45	94	40922	4.737	ng	96
49) Dimethylphthalate	9.55	163	154315	9.784	ng	99

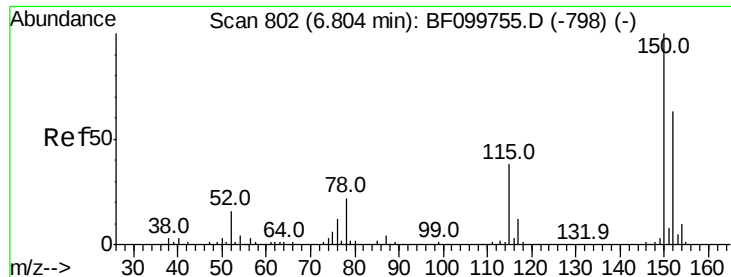
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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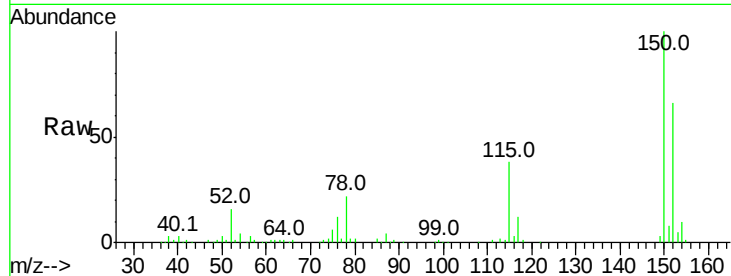


#1

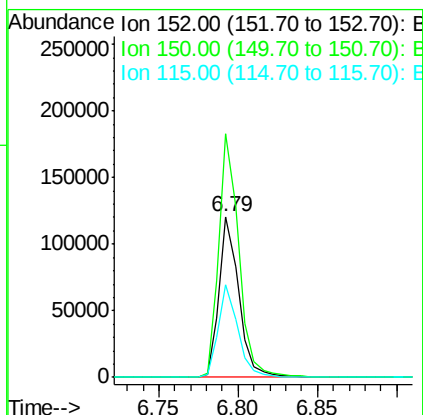
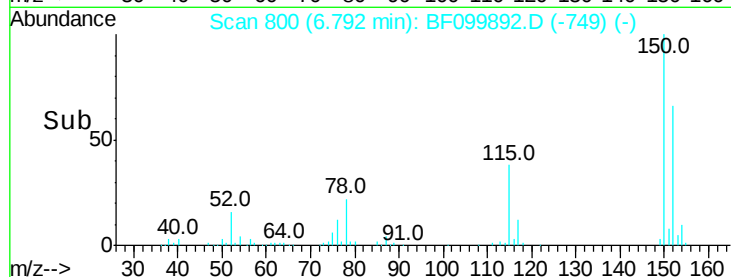
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF099892.D
 Acq: 27 Oct 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(5-10)

Tot Ion:152 Resp: 104182
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.6 186.8
 115 57.3 50.1 75.1



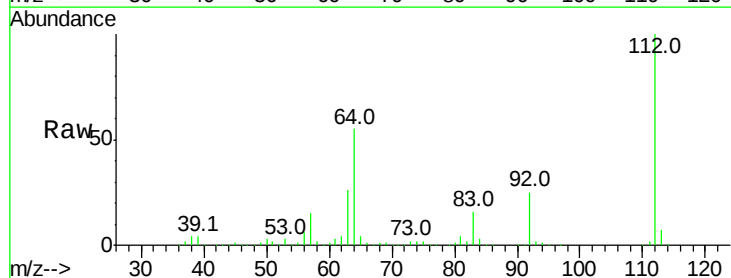
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



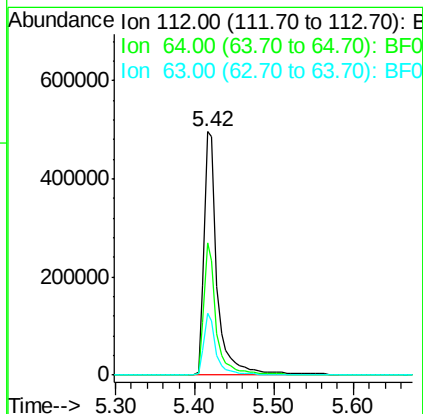
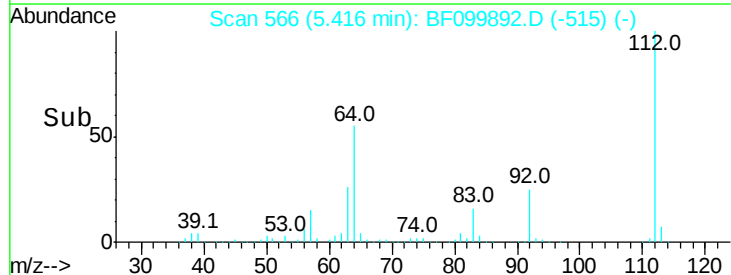
#5

2-Fluorophenol
 Concen: 89.003 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF099892.D
 Acq: 27 Oct 2017 23:13

Tgt Ion:112 Resp: 590618
 Ion Ratio Lower Upper
 112 100
 64 54.5 47.9 71.9
 63 25.6 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: 91.544 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099892.D

Acq: 27 Oct 2017 23:13

Instrument :

BNA_F

ClientSampleId :

EPE-P-5A(5-10)

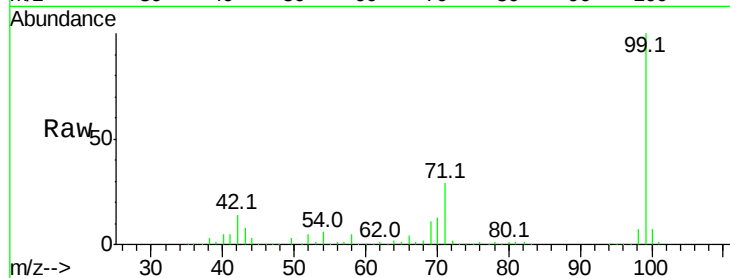
Tot Ion: 99 Resp: 720298

Ion Ratio Lower Upper

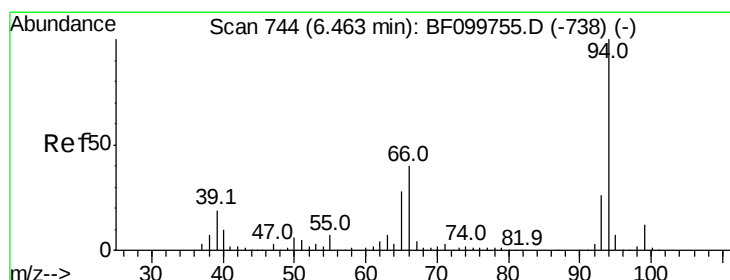
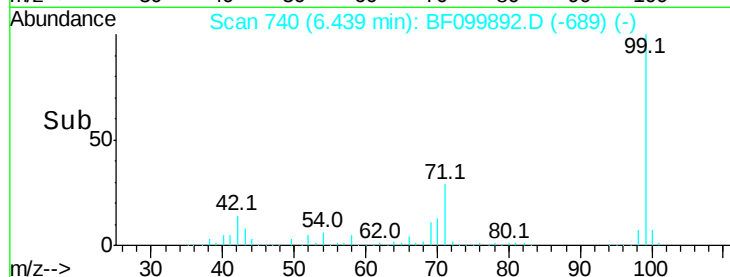
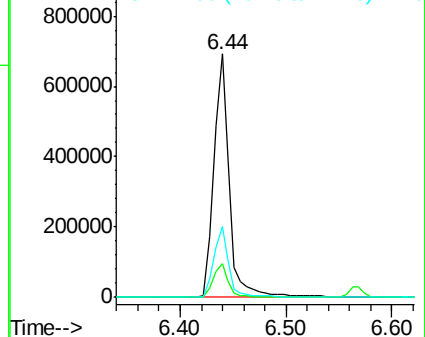
99 100

42 14.0 14.5 21.7#

71 29.1 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



#10

Phenol

Concen: 4.737 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099892.D

Acq: 27 Oct 2017 23:13

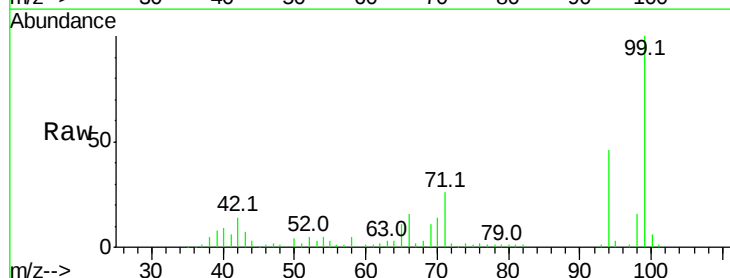
Tgt Ion: 94 Resp: 40922

Ion Ratio Lower Upper

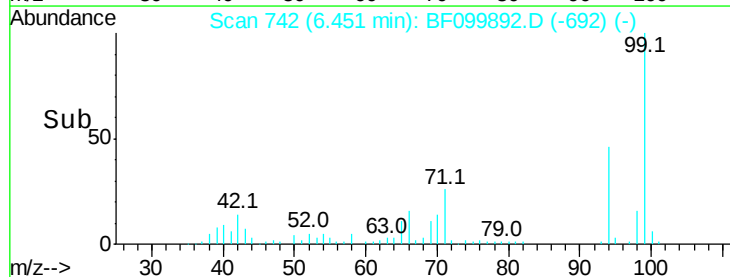
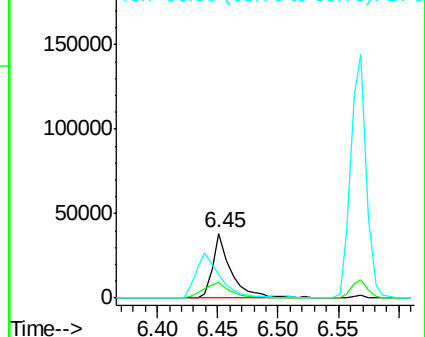
94 100

65 24.1 7.9 47.9

66 35.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

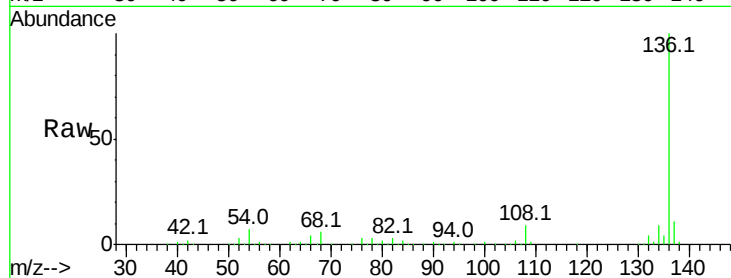




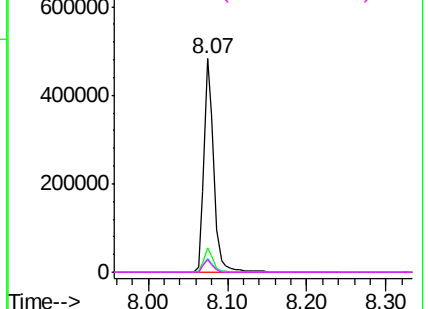
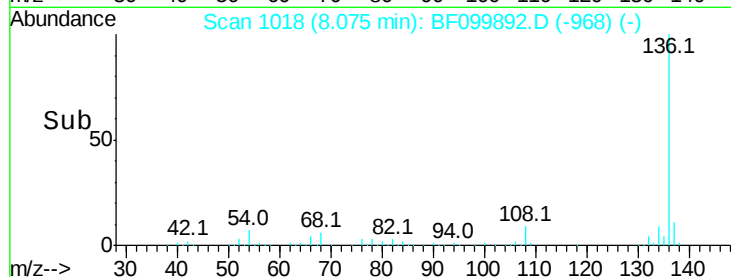
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)

Tot Ion:	136	Resp:	427486
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4

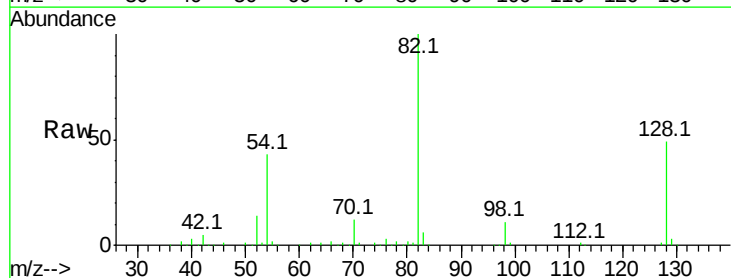


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

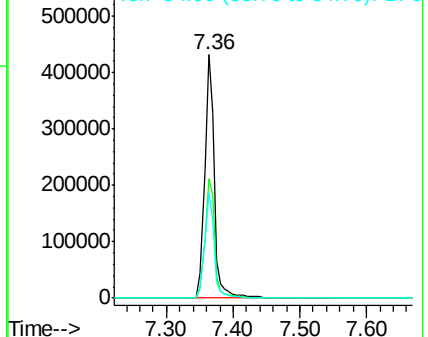
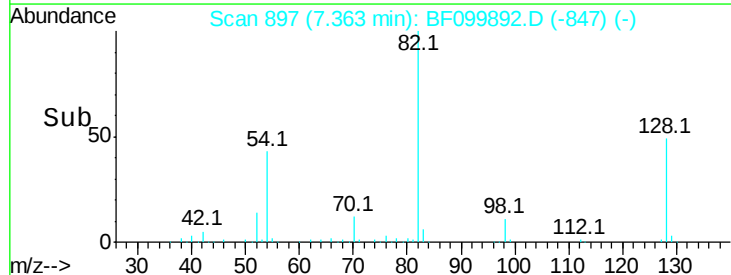


#23
Nitrobenzene-d5
Concen: 63.779 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Tgt Ion:	82	Resp:	423494
Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	43.1	41.4	62.2



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

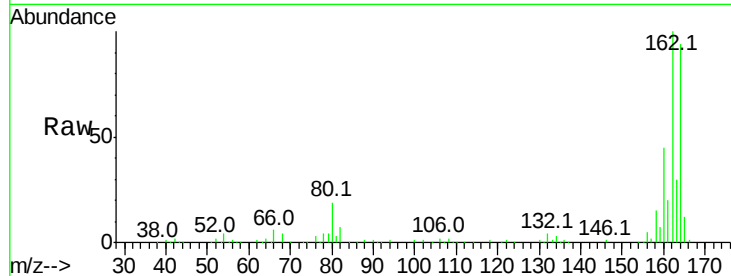




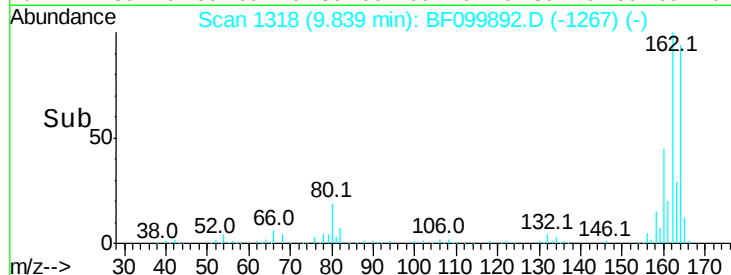
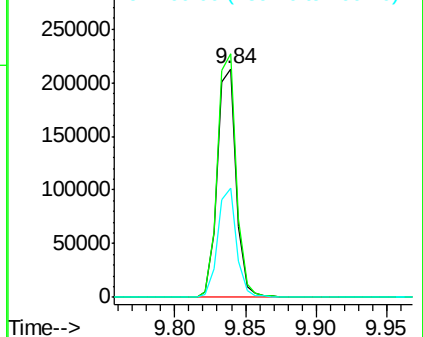
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)

Tot Ion:164 Resp: 199158
Ion Ratio Lower Upper
164 100
162 106.5 86.1 129.1
160 48.0 38.3 57.5

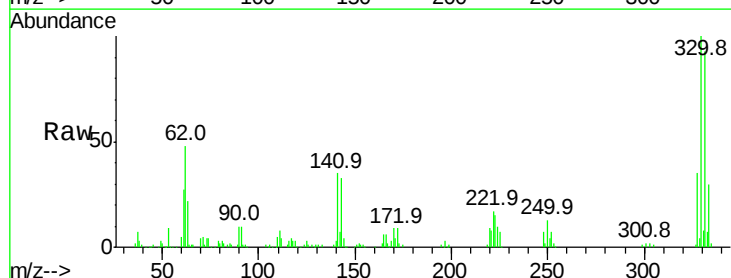


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

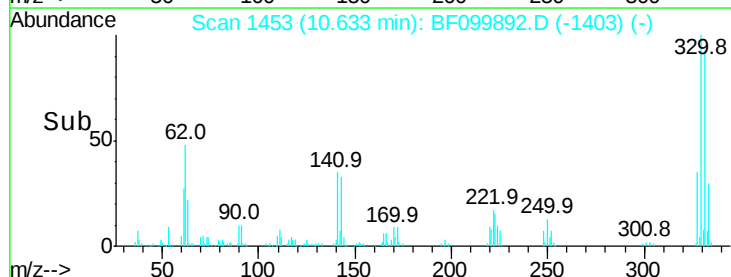
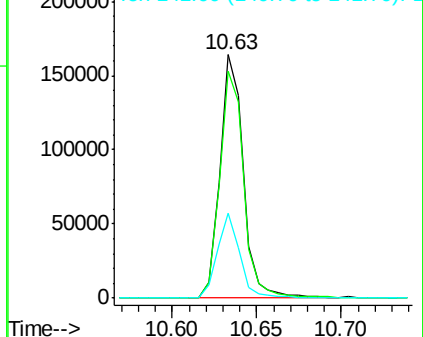


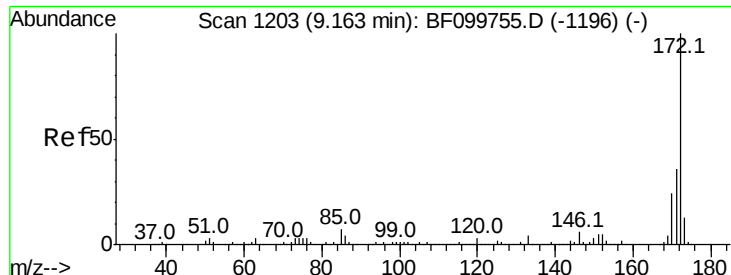
#41
2,4,6-Tribromophenol
Concen: 87.382 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Tgt Ion:330 Resp: 158594
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 34.0 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

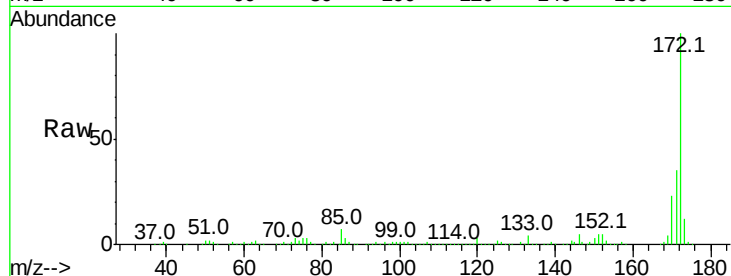




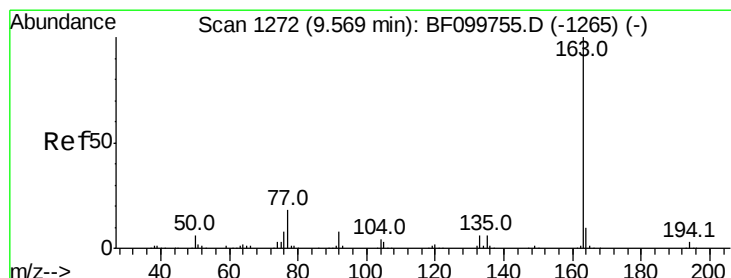
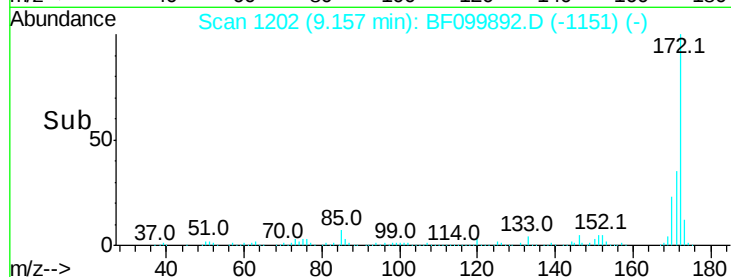
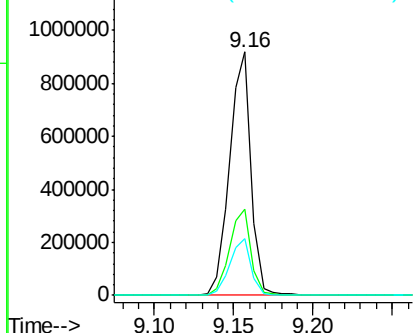
#44
2-Fluorobiphenyl
Concen: 66.687 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)

Tot Ion:172 Resp: 860834
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.4 19.6 29.4

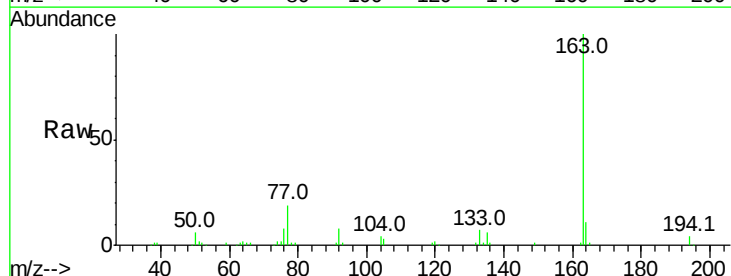


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

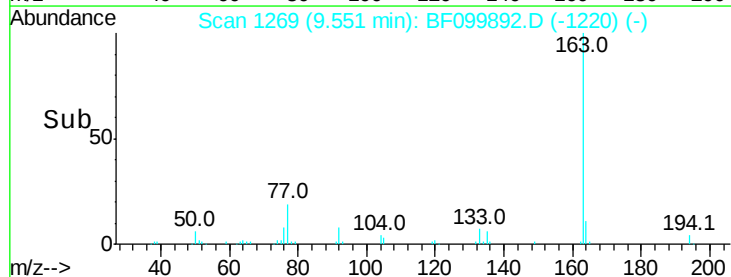
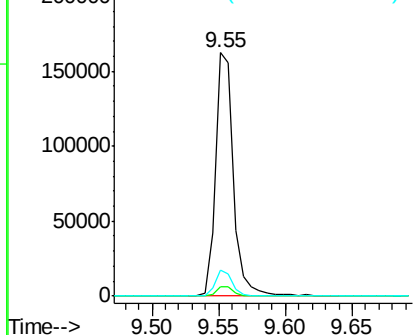


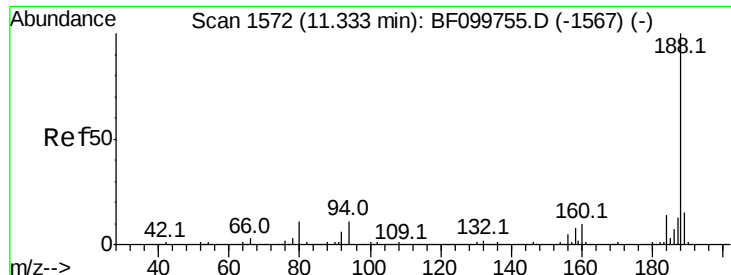
#49
Dimethylphthalate
Concen: 9.784 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Tgt Ion:163 Resp: 154315
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.7 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

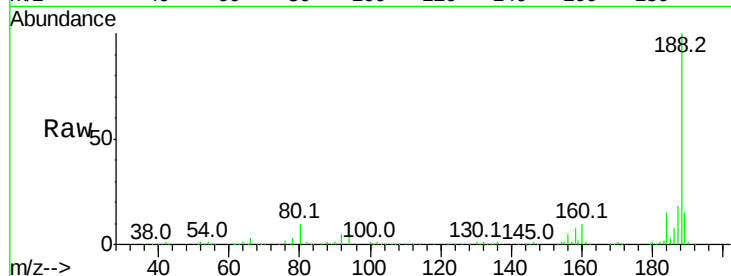




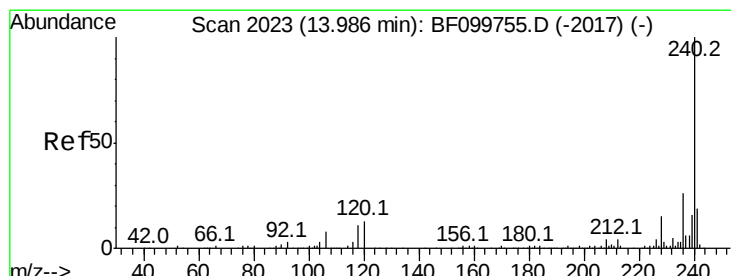
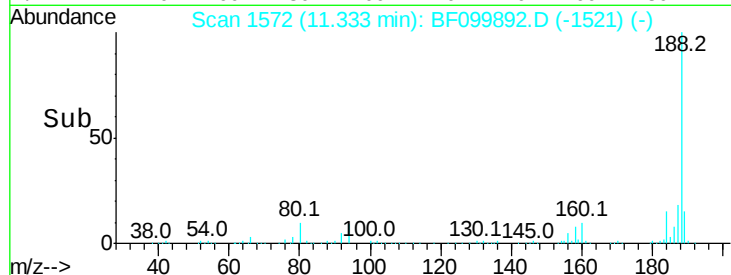
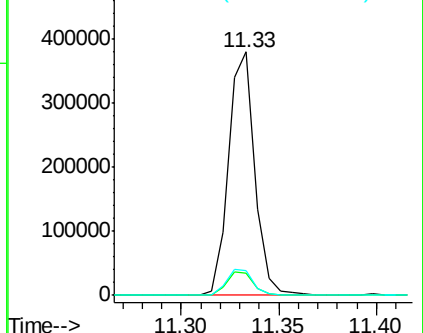
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.3	9.2	13.8

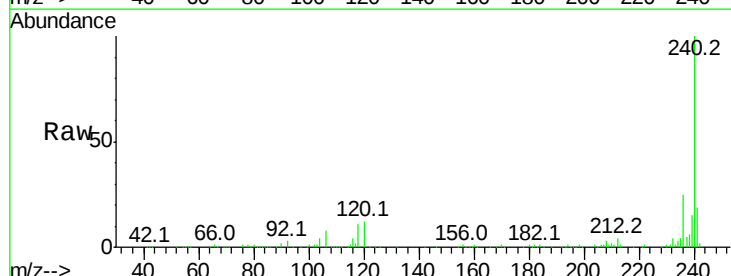


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

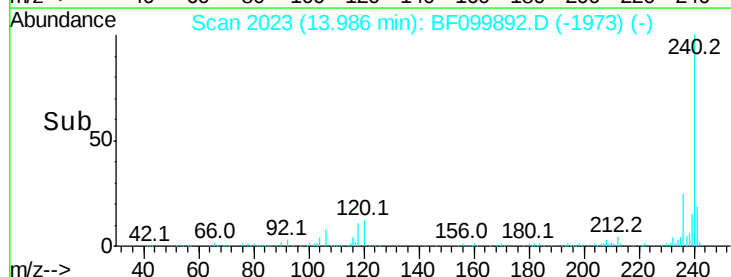
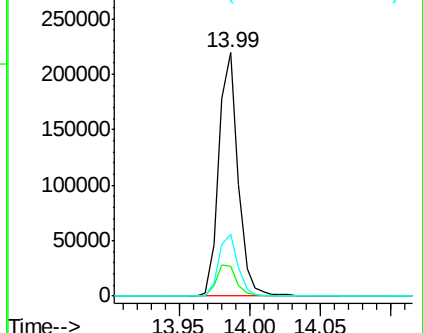


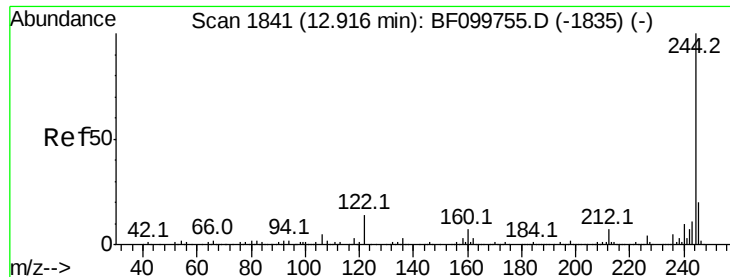
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099892.D
Acq: 27 Oct 2017 23:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.2	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: 76.242 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099892.D

Acq: 27 Oct 2017 23:13

Instrument :

BNA_F

ClientSampleId :

EPE-P-5A(5-10)

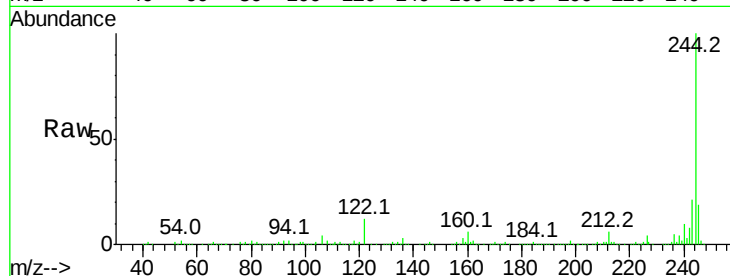
Tot Ion:244 Resp: 728096

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

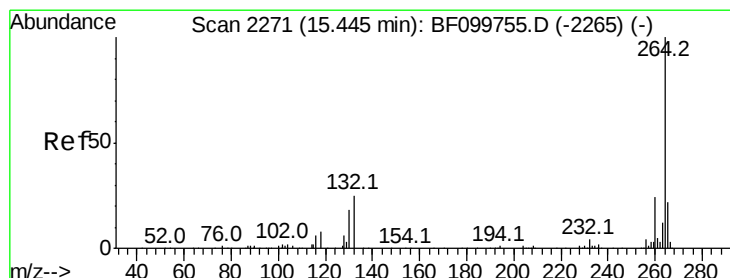
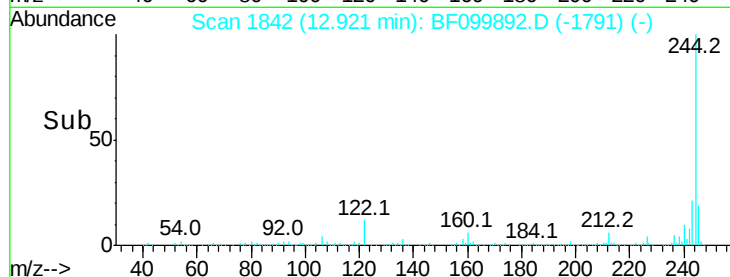
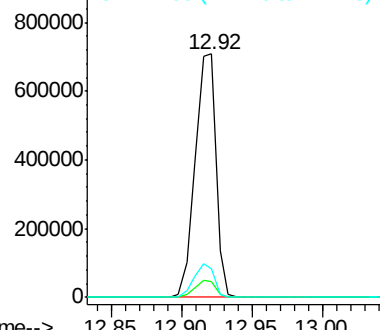
122 11.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF099892.D

Acq: 27 Oct 2017 23:13

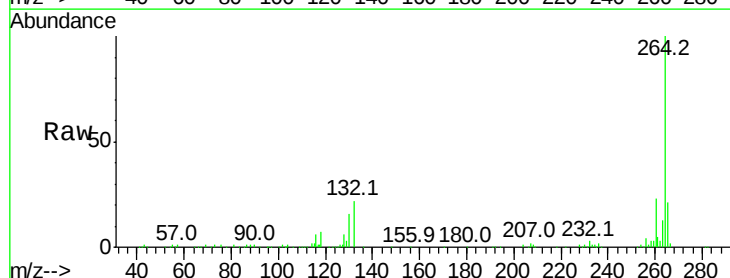
Tgt Ion:264 Resp: 183579

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.4 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

