

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099807.D
 Acq On : 25 Oct 2017 00:11
 Operator : SJ/JU
 Sample : I5956-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-2(10-12)

Quant Time: Oct 25 08:58:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

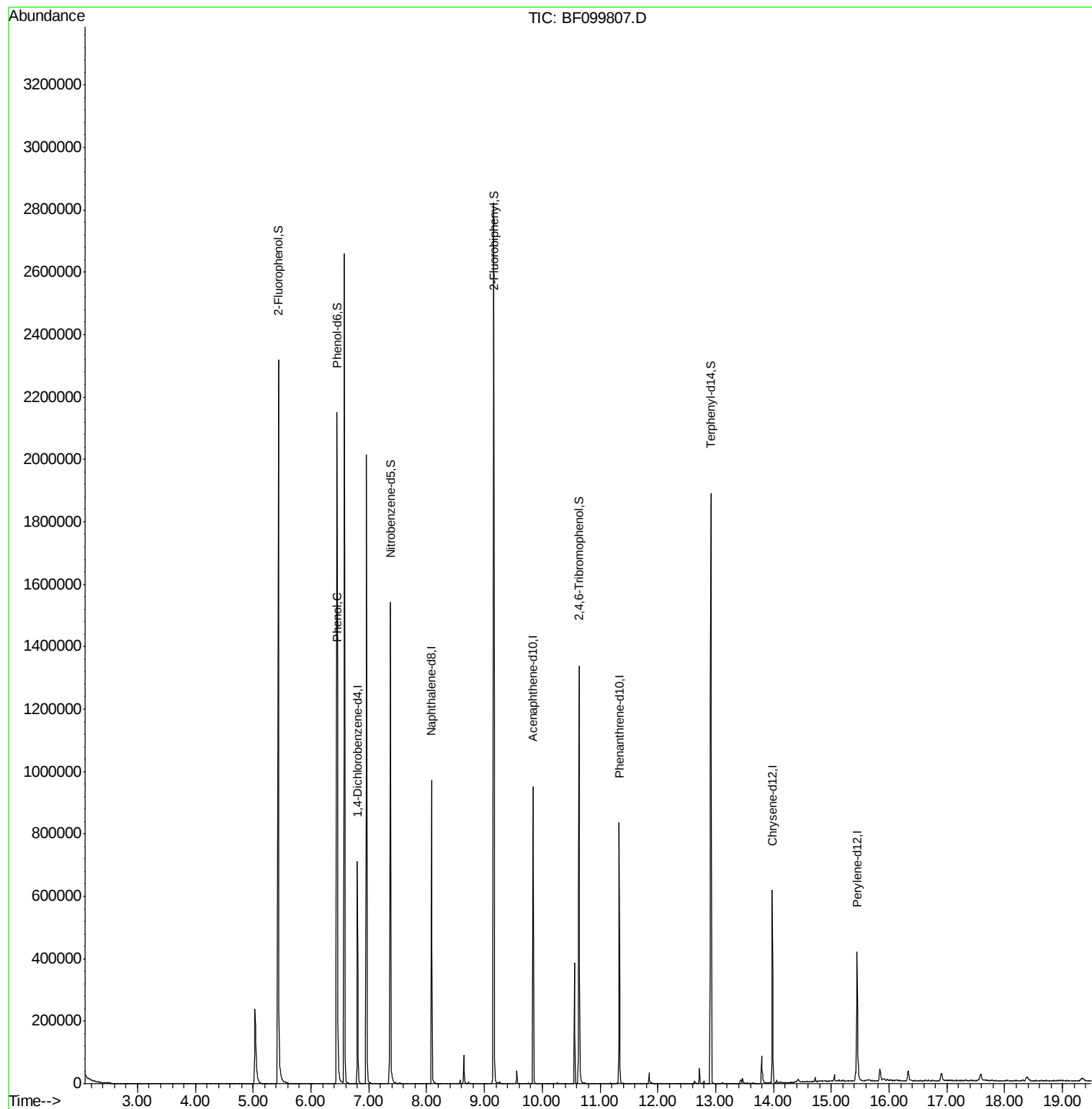
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109456	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	438104	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	188388	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	283761	20.00	ng	0.00
75) Chrysene-d12	13.98	240	196182	20.00	ng	0.00
86) Perylene-d12	15.45	264	195906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	820976	117.76	ng	0.01
7) Phenol-d6	6.45	99	989033	119.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	577115	84.81	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	180118	104.91	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	960873	78.69	ng	0.00
78) Terphenyl-d14	12.92	244	583929	65.05	ng	0.00
Target Compounds						
10) Phenol	6.46	94	19686	2.169	ng	Qvalue 94

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

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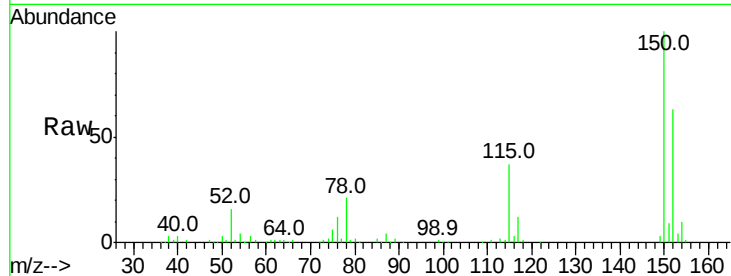


#1

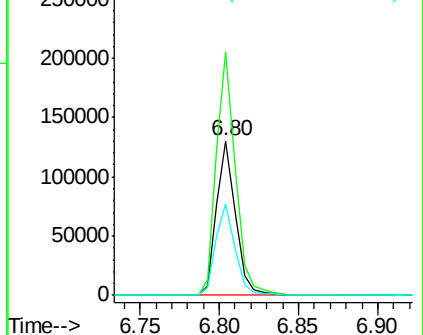
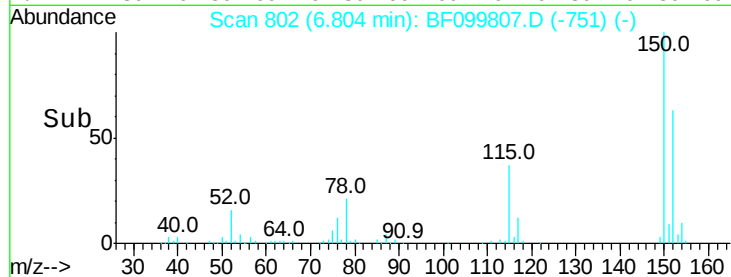
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(10-12)

Tot Ion:152 Resp: 109456
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.9 50.1 75.1



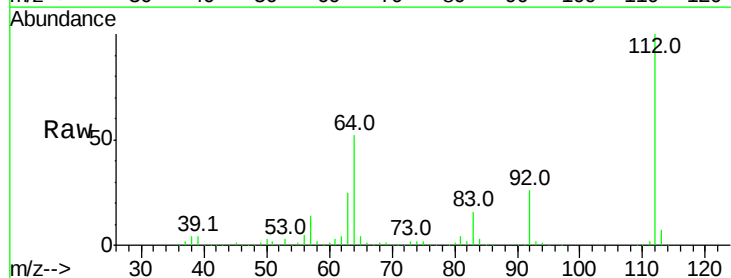
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



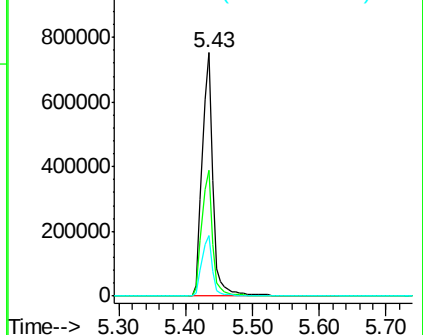
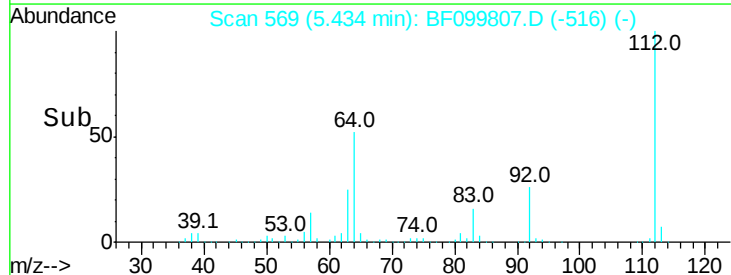
#5

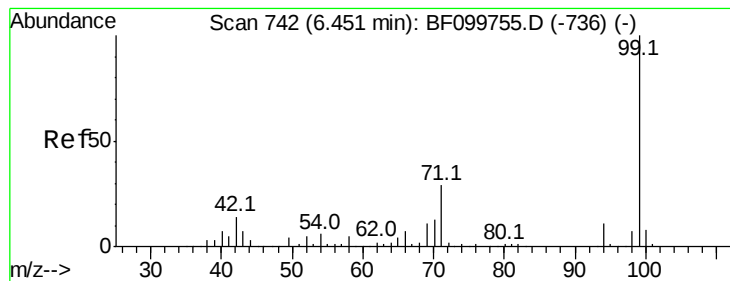
2-Fluorophenol
Concen: 117.756 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

Tgt Ion:112 Resp: 820976
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 24.7 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: 119.641 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099807.D

Acq: 25 Oct 2017 00:11

Instrument :

BNA_F

ClientSampleId :

EPE-108-2(10-12)

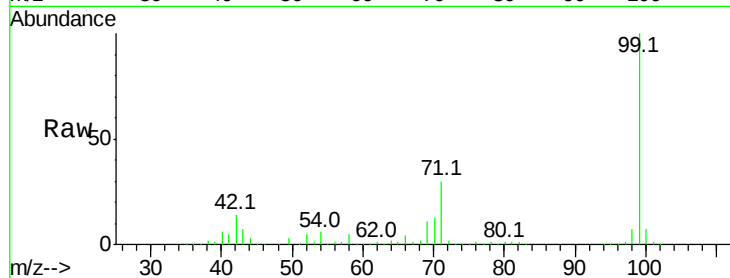
Tot Ion: 99 Resp: 989033

Ion Ratio Lower Upper

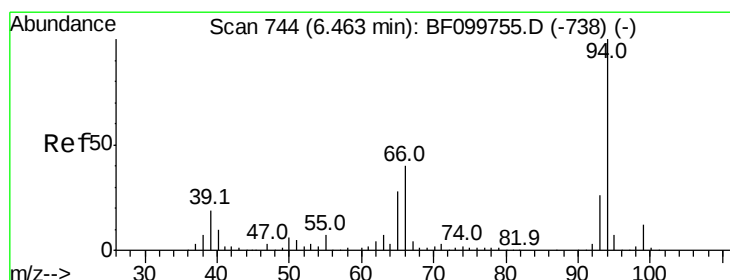
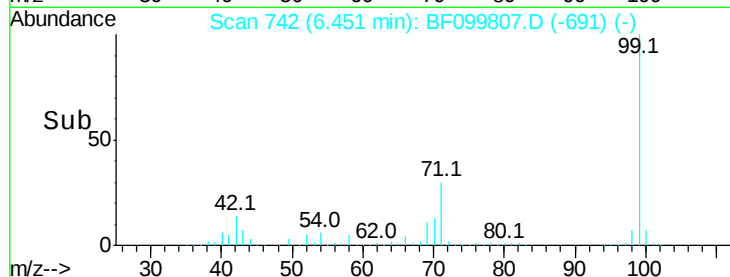
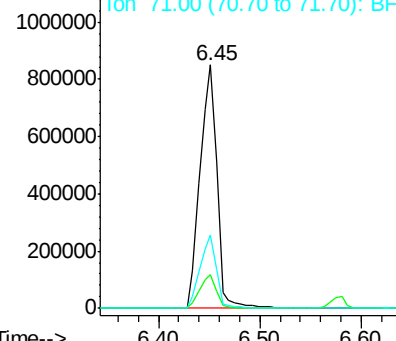
99 100

42 13.9 14.5 21.7#

71 30.4 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: 2.169 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099807.D

Acq: 25 Oct 2017 00:11

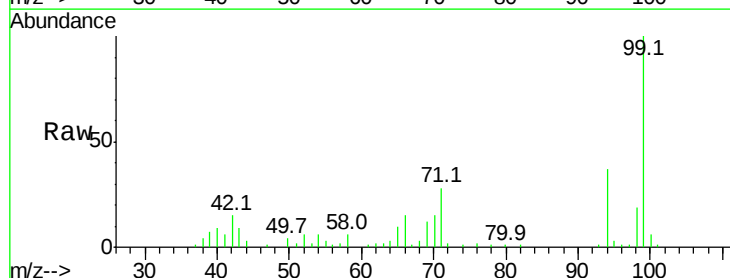
Tgt Ion: 94 Resp: 19686

Ion Ratio Lower Upper

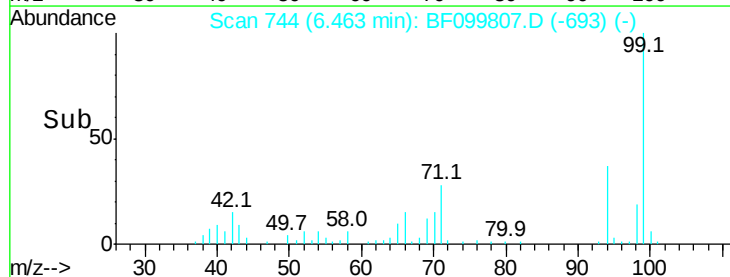
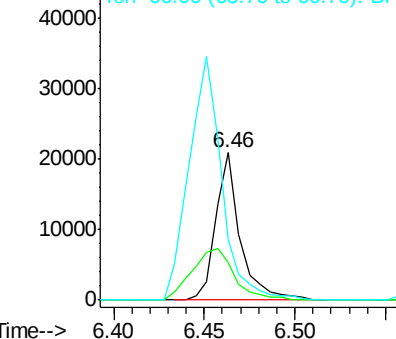
94 100

65 25.7 7.9 47.9

66 41.0 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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099807.D

Acq: 25 Oct 2017 00:11

Instrument :

BNA_F

ClientSampleId :

EPE-108-2(10-12)

Tot Ion:136 Resp: 438104

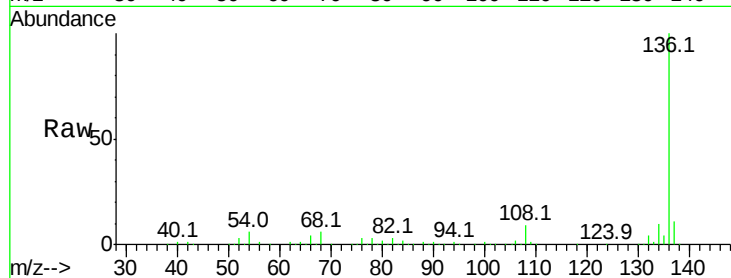
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 6.6 9.8#

68 5.8 5.0 7.4

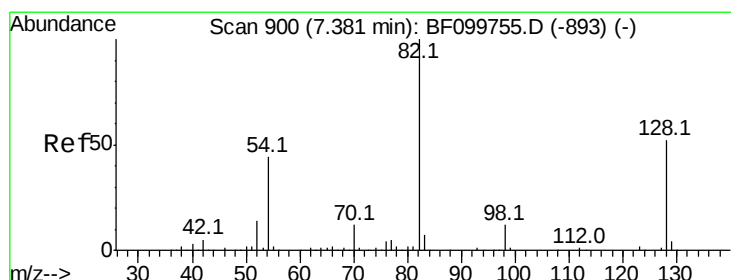
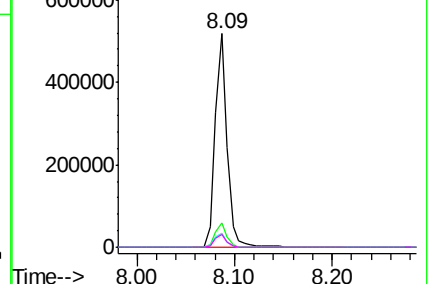
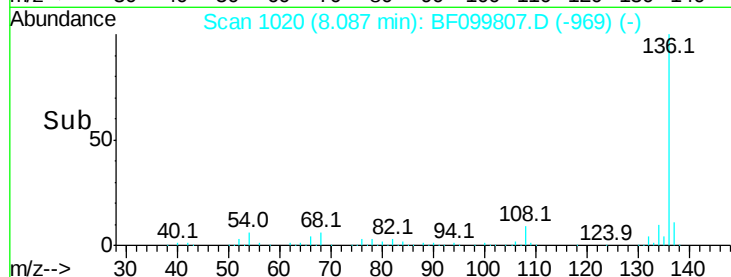


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.809 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099807.D

Acq: 25 Oct 2017 00:11

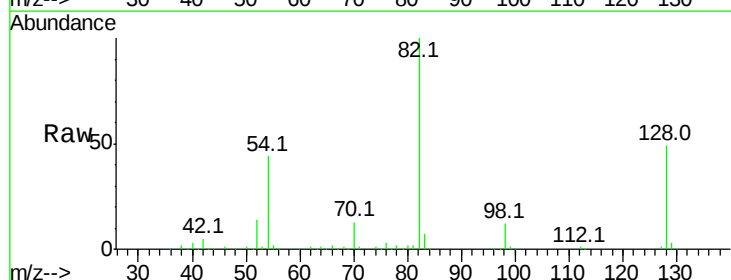
Tgt Ion: 82 Resp: 577115

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

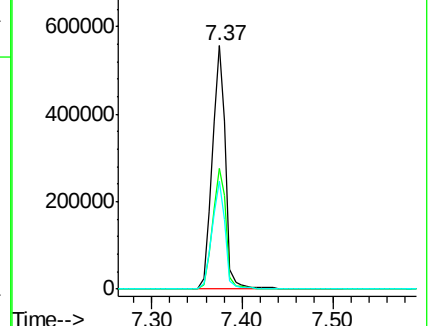
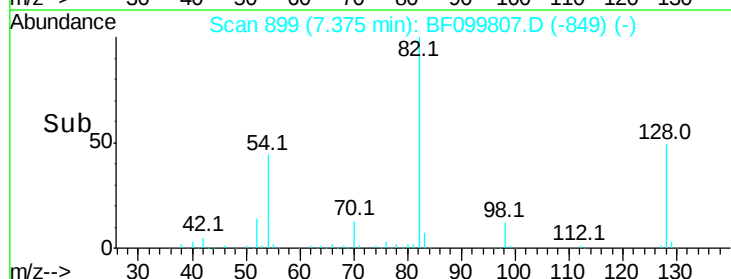
54 44.3 41.4 62.2



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

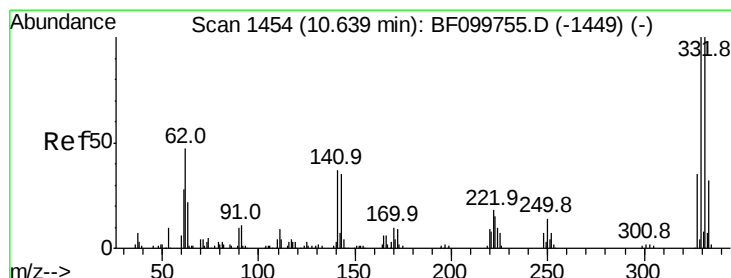
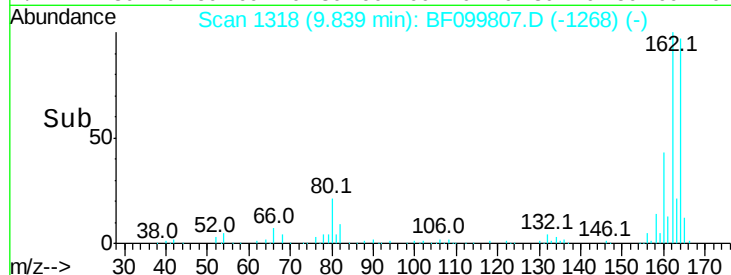
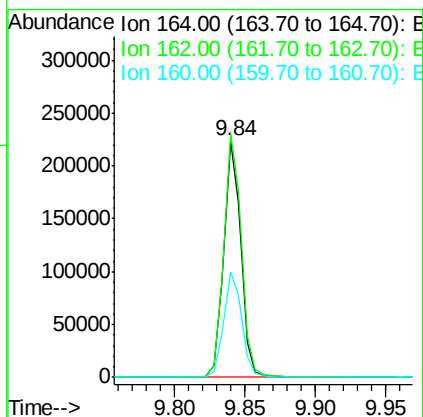
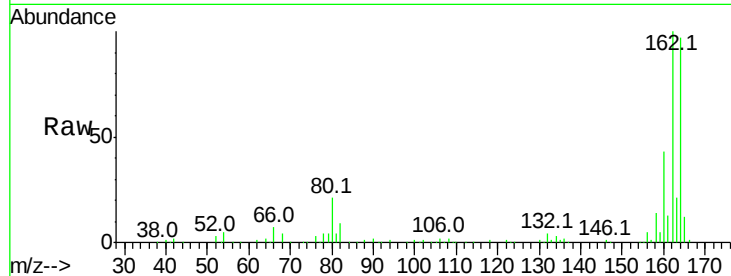




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

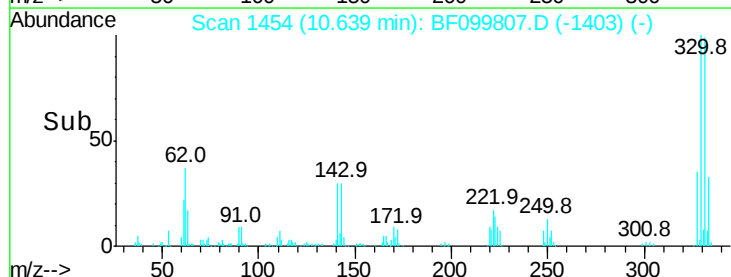
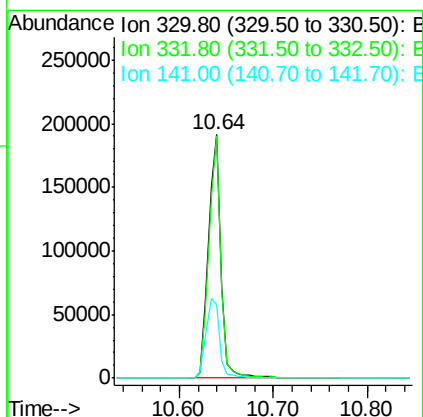
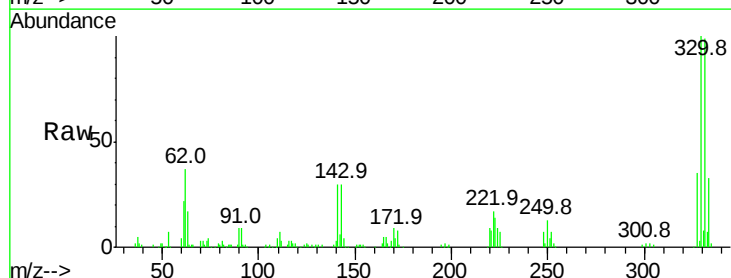
Instrument :
BNA_F
ClientSampleId :
EPE-108-2(10-12)

Tot Ion:164 Resp: 188388
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 44.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 104.914 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

Tgt Ion:330 Resp: 180118
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 35.6 29.9 44.9

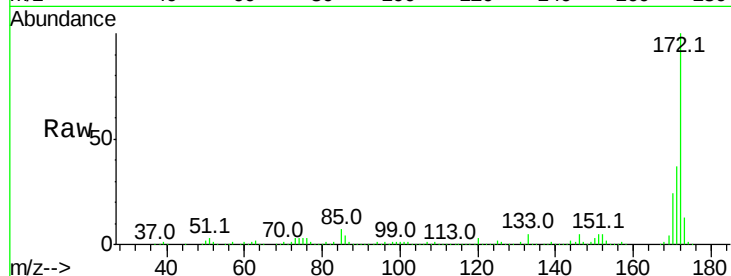




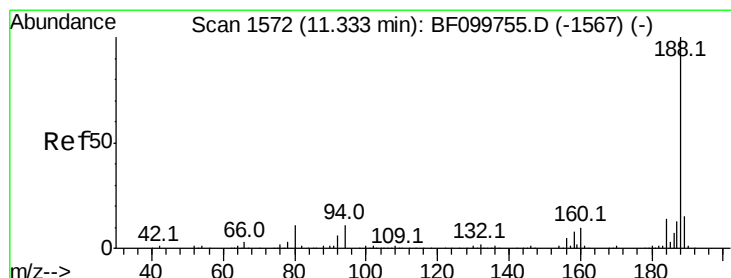
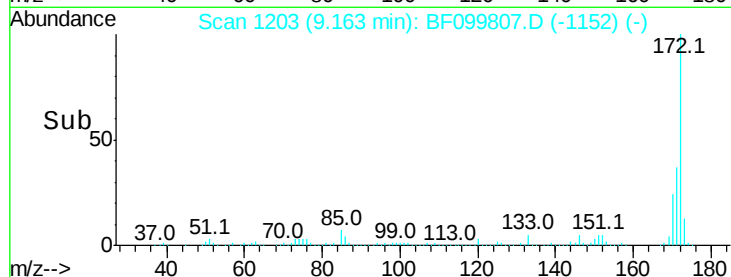
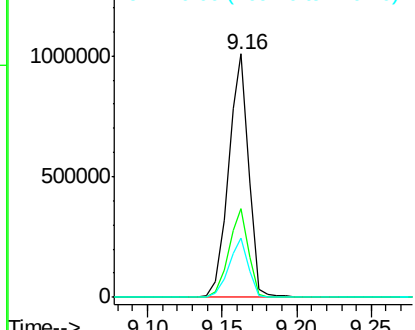
#44
2-Fluorobiphenyl
Concen: 78.693 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

Instrument :
BNA_F
ClientSampleId :
EPE-108-2(10-12)

Tot Ion:172 Resp: 960873
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.1 19.6 29.4

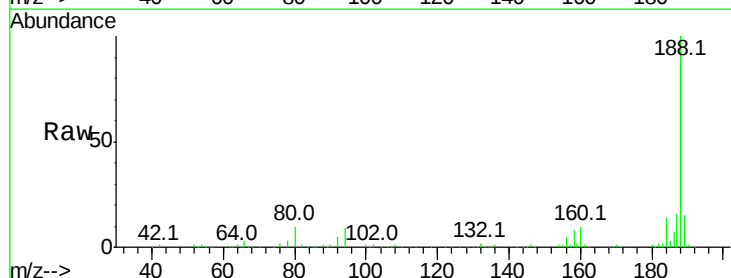


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

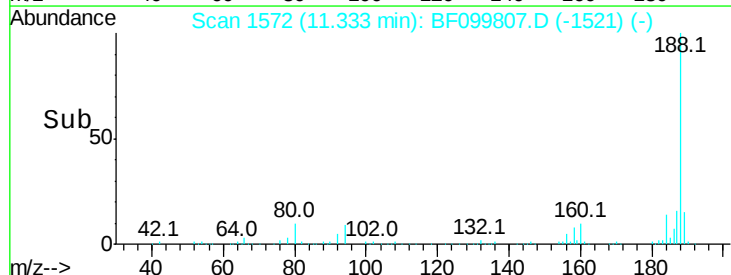
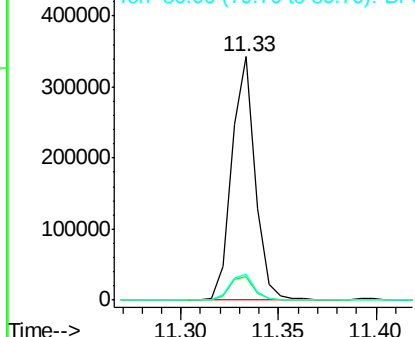


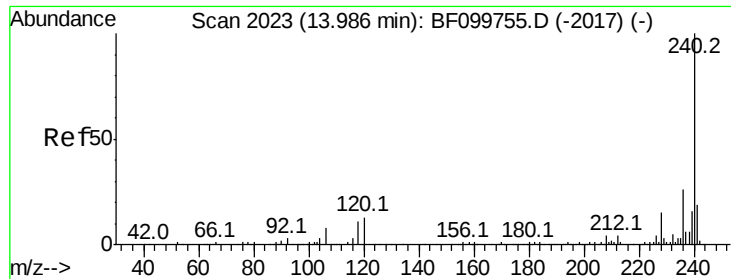
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

Tgt Ion:188 Resp: 283761
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.5 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

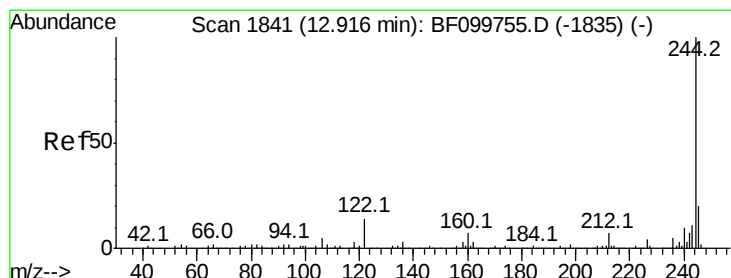
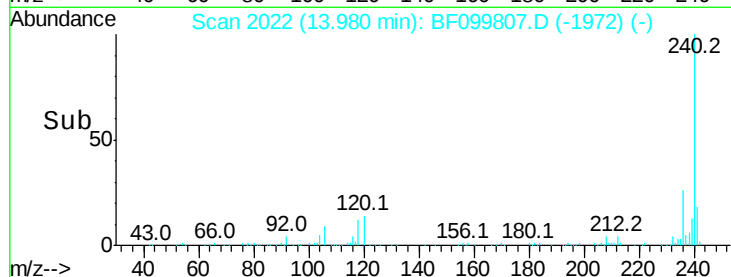
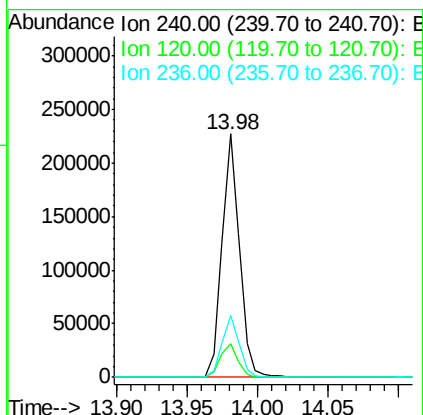
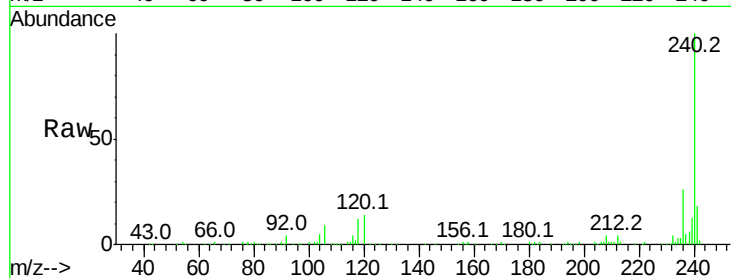




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

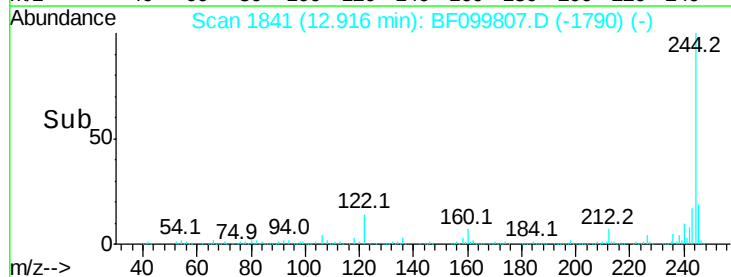
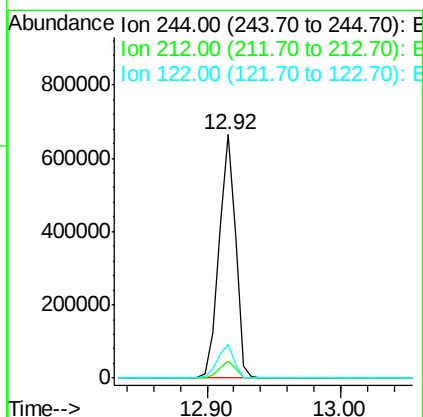
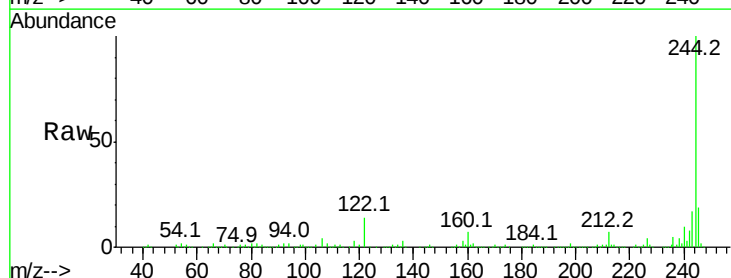
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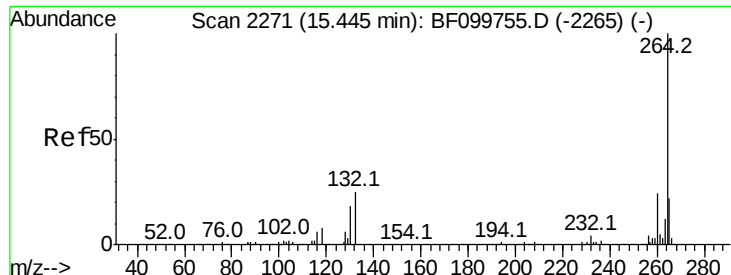
Tot Ion:240 Resp: 196182
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.6 20.7 31.1



#78
Terphenyl-d14
Concen: 65.047 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099807.D
Acq: 25 Oct 2017 00:11

Tgt Ion:244 Resp: 583929
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.6 11.0 16.4

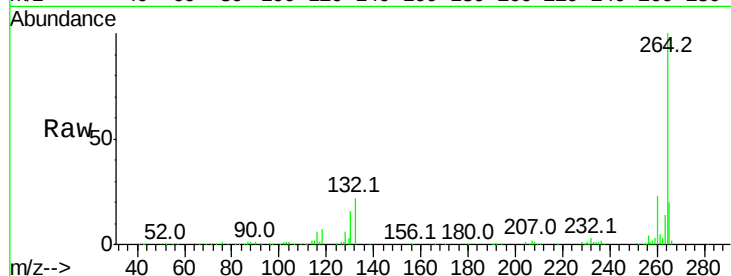




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099807.D
 Acq: 25 Oct 2017 00:11

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-2(10-12)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.3	19.2	28.8	
265	20.5	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

