

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099804.D
 Acq On : 24 Oct 2017 22:46
 Operator : SJ/JU
 Sample : I5956-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(15-17)

Quant Time: Oct 25 08:48:26 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	90118	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	371828	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	162073	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	244099	20.00	ng	0.00
75) Chrysene-d12	13.98	240	175619	20.00	ng	0.00
86) Perylene-d12	15.44	264	172198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	556206	96.90	ng	0.00
7) Phenol-d6	6.45	99	649205	95.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	365666	63.31	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	110438	74.77	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	663033	63.12	ng	0.00
78) Terphenyl-d14	12.92	244	385585	47.98	ng	0.00

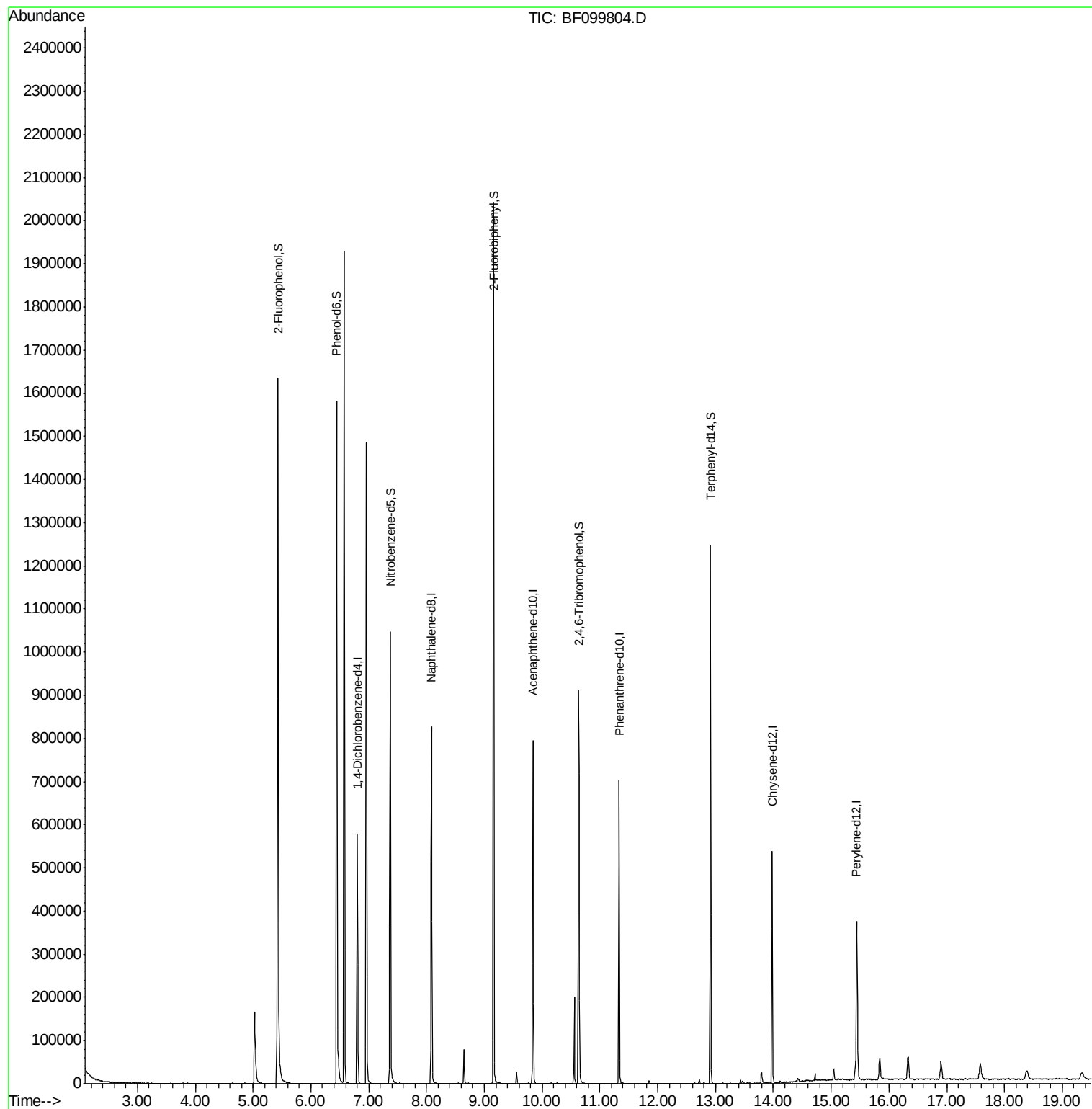
Target Compounds Qvalue

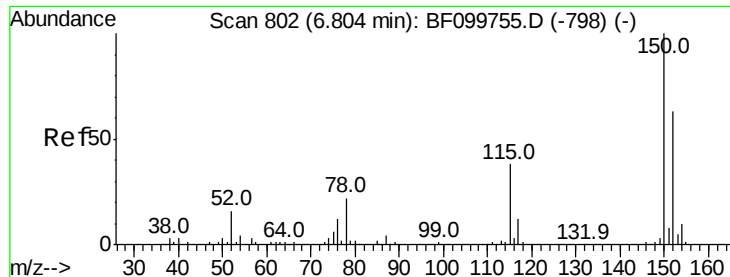
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099804.D
Acq On : 24 Oct 2017 22:46
Operator : SJ/JU
Sample : I5956-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-1(15-17)

Quant Time: Oct 25 08:48:26 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



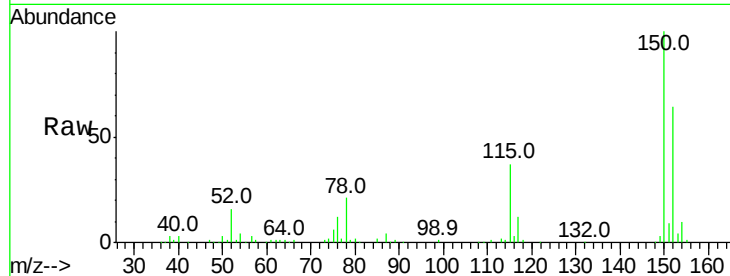


#1

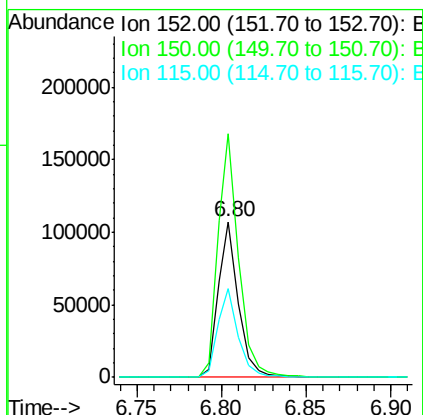
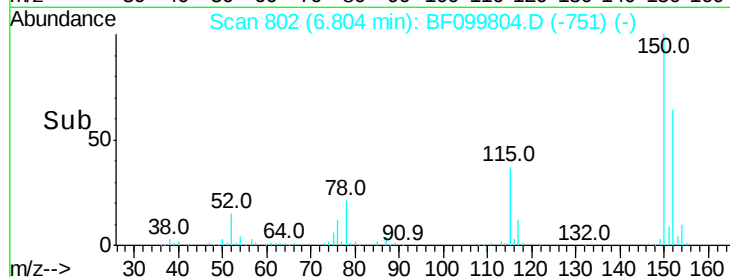
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099804.D
Acq: 24 Oct 2017 22:46

Instrument :
BNA_F
ClientSampleId :
EPE-120-1(15-17)

Tot Ion:152 Resp: 90118
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 57.3 50.1 75.1



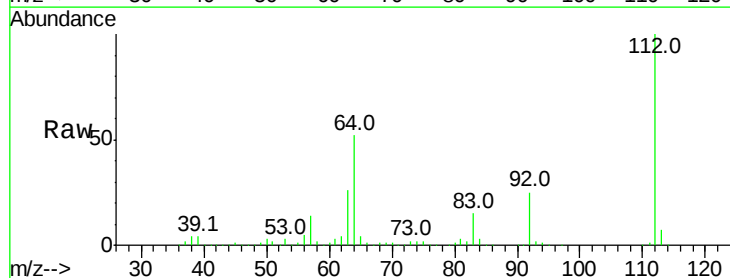
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



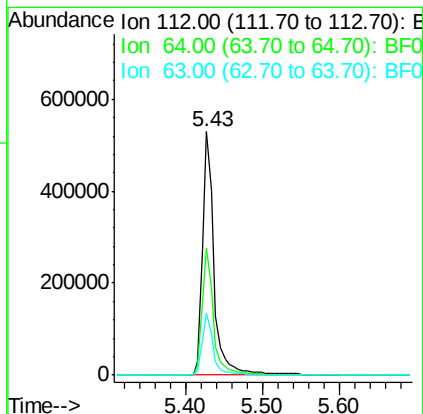
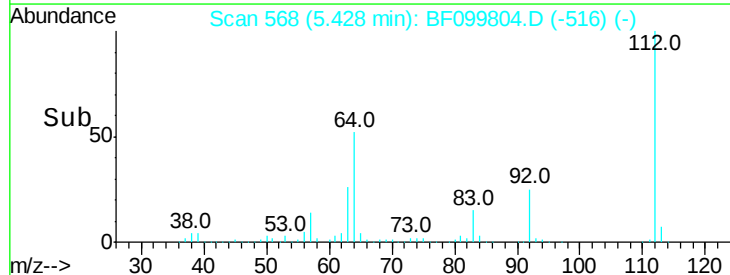
#5

2-Fluorophenol
Concen: 96.898 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099804.D
Acq: 24 Oct 2017 22:46

Tgt Ion:112 Resp: 556206
Ion Ratio Lower Upper
112 100
64 52.4 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: 95.385 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099804.D

Acq: 24 Oct 2017 22:46

Instrument :

BNA_F

ClientSampleId :

EPE-120-1(15-17)

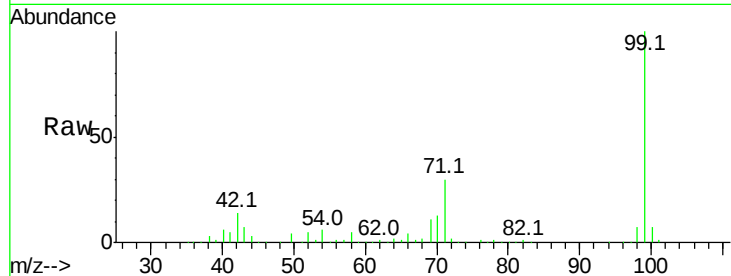
Tot Ion: 99 Resp: 649205

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

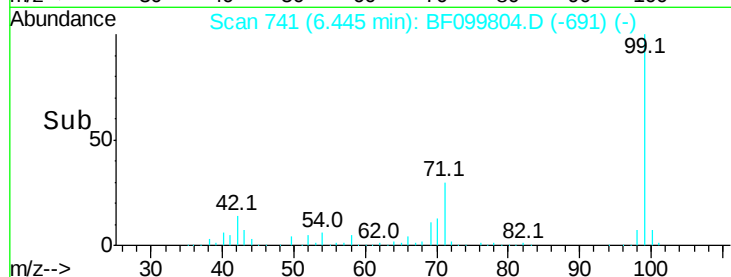
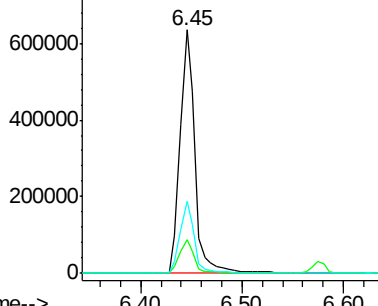
71 29.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099804.D

Acq: 24 Oct 2017 22:46

Tgt Ion: 136 Resp: 371828

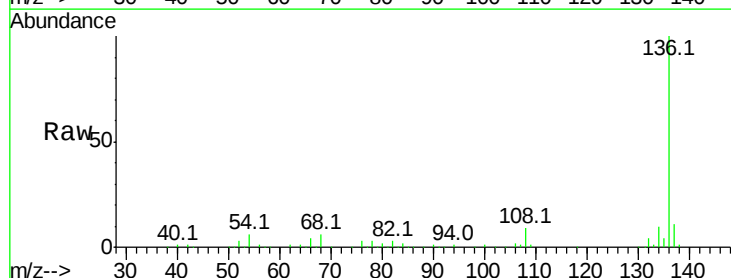
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

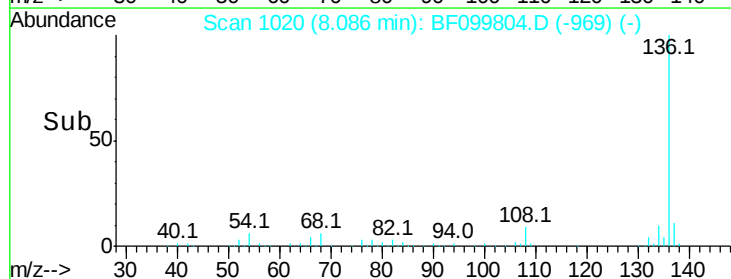
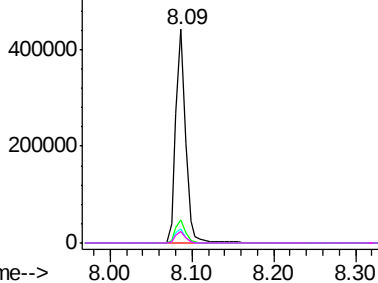


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

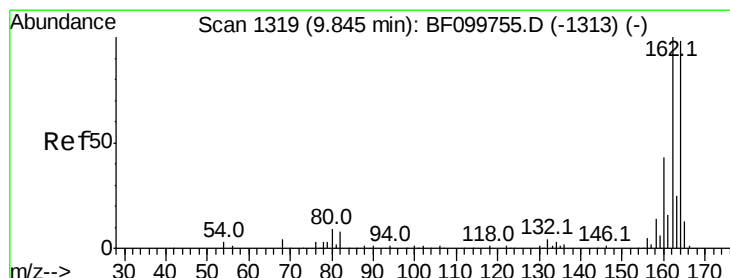
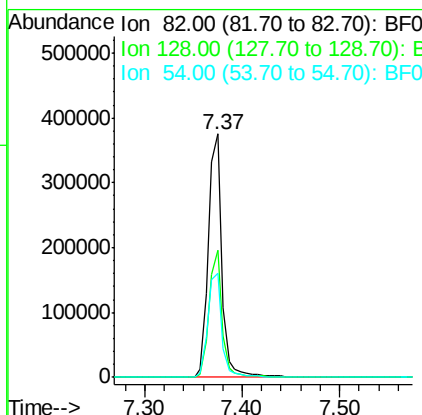
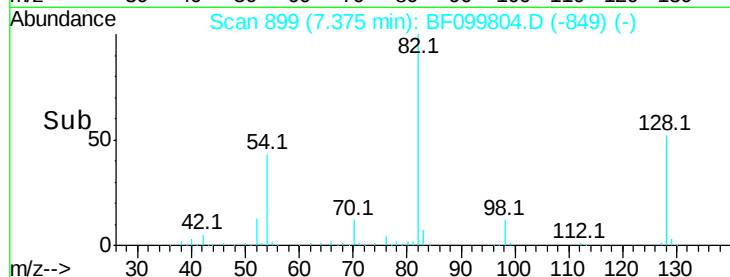
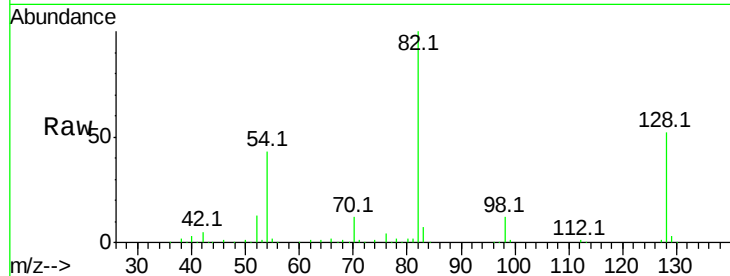




#23
 Nitrobenzene-d5
 Concen: 63.314 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099804.D
 Acq: 24 Oct 2017 22:46

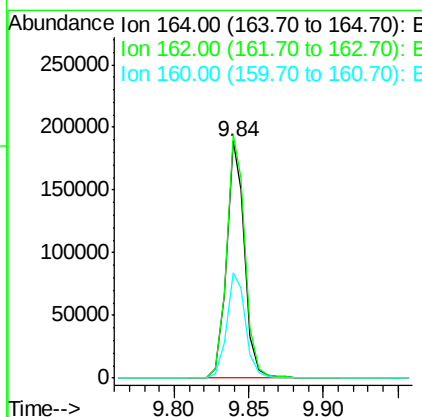
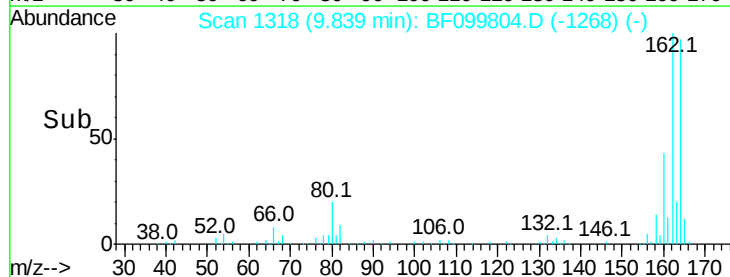
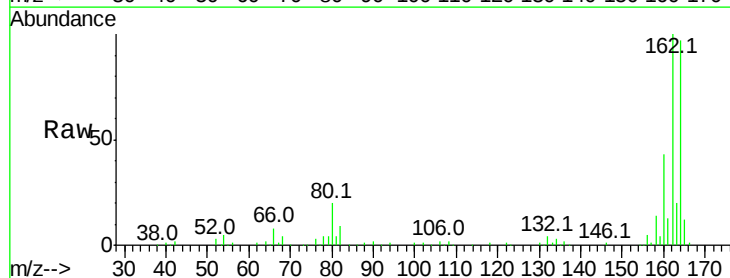
Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(15-17)

Tot Ion: 82 Resp: 365666
 Ion Ratio Lower Upper
 82 100
 128 52.5 36.1 54.1
 54 42.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099804.D
 Acq: 24 Oct 2017 22:46

Tgt Ion:164 Resp: 162073
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 44.5 38.3 57.5

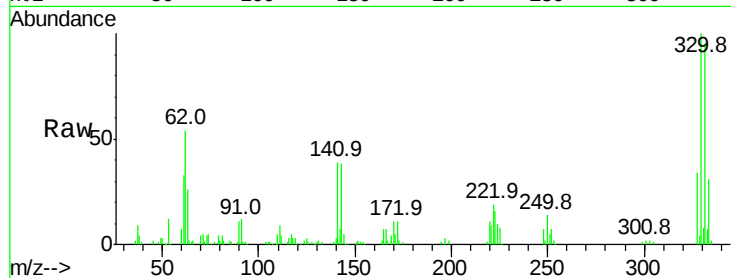




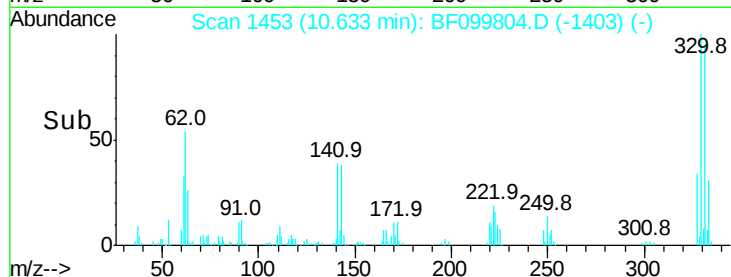
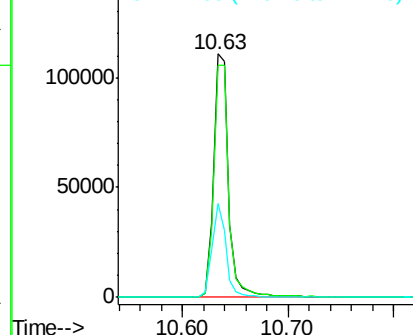
#41
 2,4,6-Tribromophenol
 Concen: 74.772 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099804.D
 Acq: 24 Oct 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(15-17)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.5	29.9	44.9

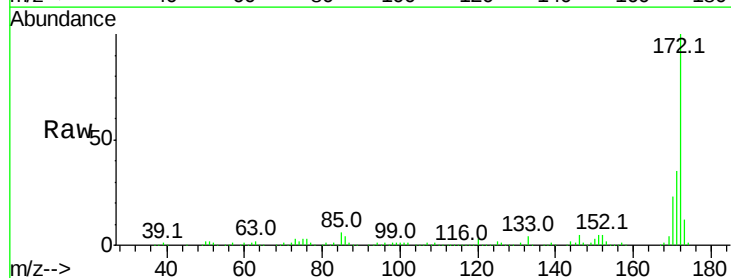


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

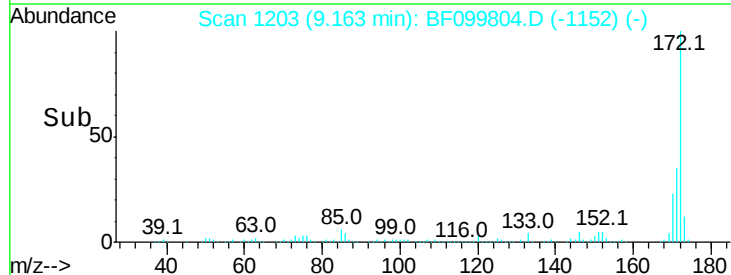
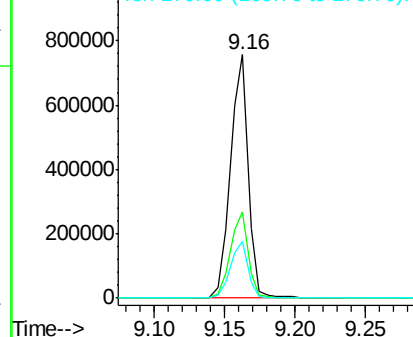


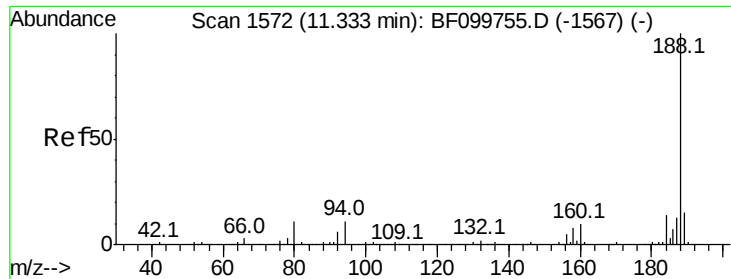
#44
 2-Fluorobiphenyl
 Concen: 63.117 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099804.D
 Acq: 24 Oct 2017 22:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.2	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

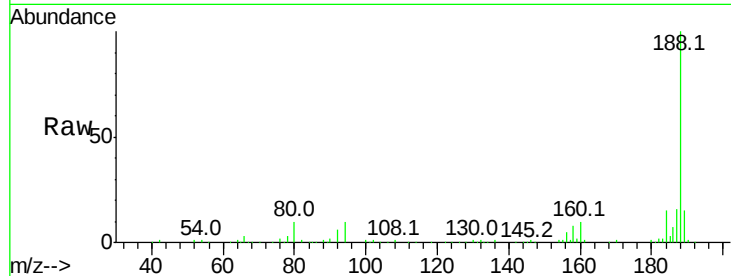




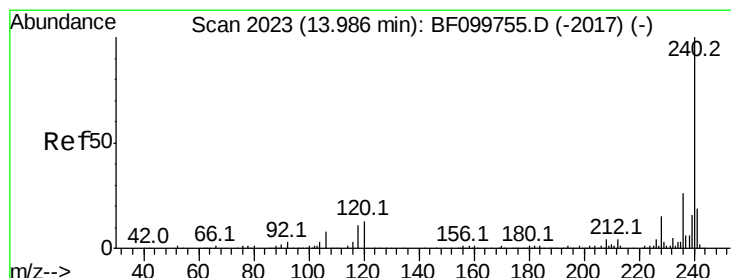
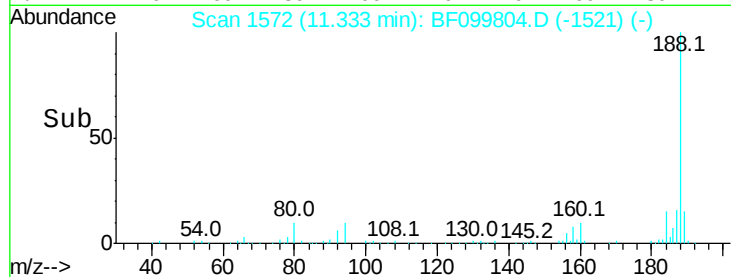
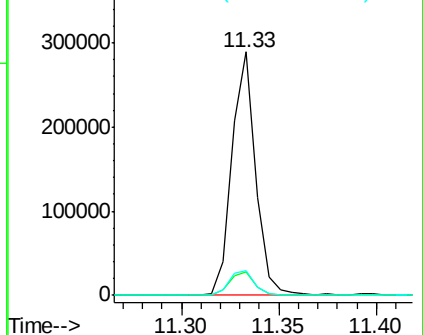
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099804.D
Acq: 24 Oct 2017 22:46

Instrument :
BNA_F
ClientSampleId :
EPE-120-1(15-17)

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

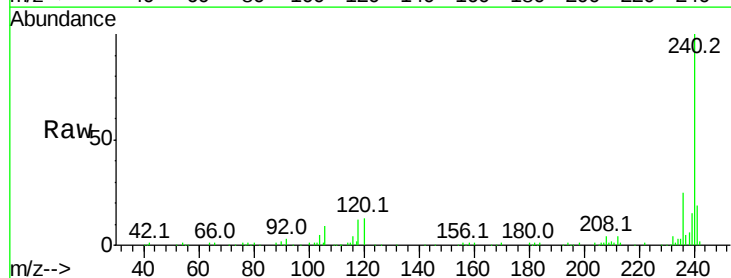


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

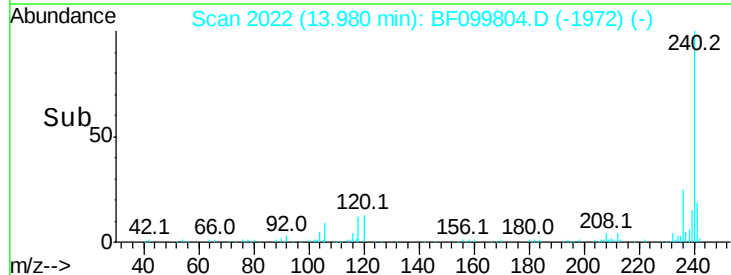
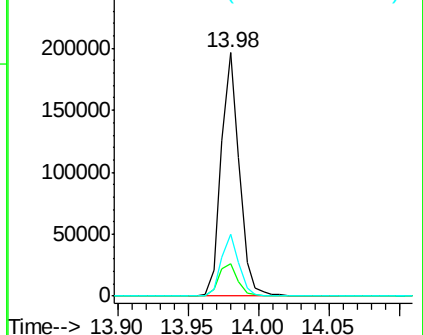


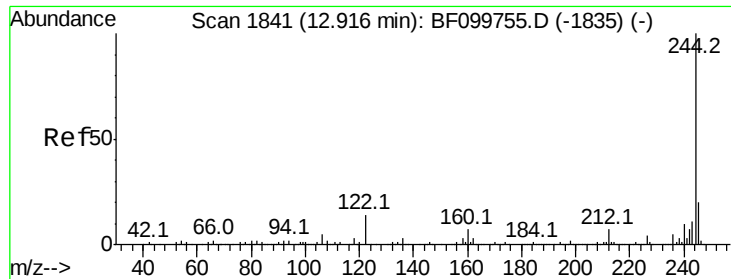
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099804.D
Acq: 24 Oct 2017 22:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	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: 47.982 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099804.D

Acq: 24 Oct 2017 22:46

Instrument :

BNA_F

ClientSampleId :

EPE-120-1(15-17)

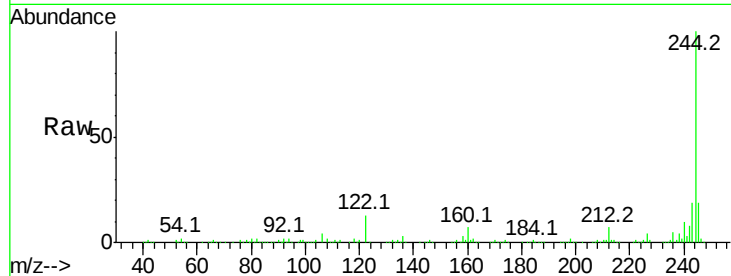
Tot Ion:244 Resp: 385585

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

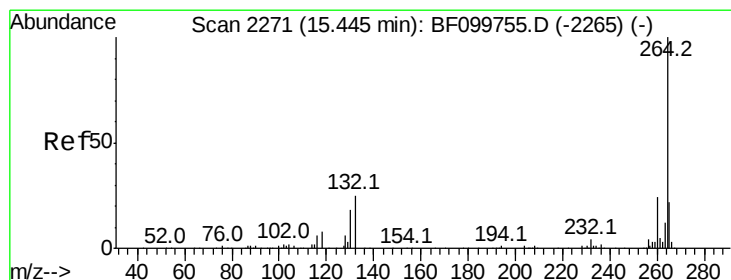
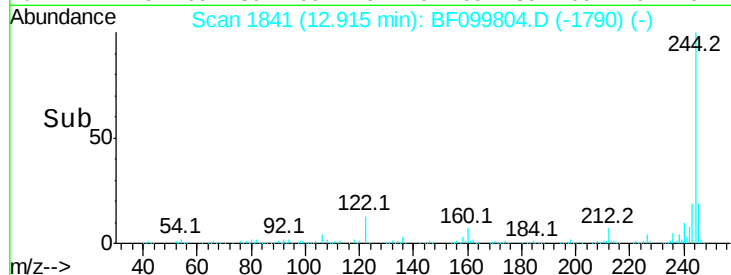
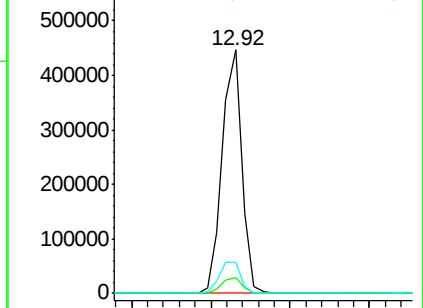
122 12.6 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099804.D

Acq: 24 Oct 2017 22:46

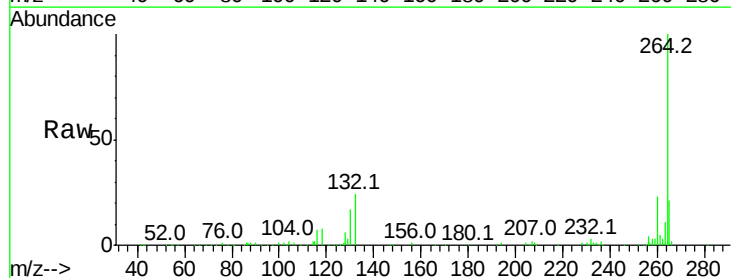
Tgt Ion:264 Resp: 172198

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.2 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

