

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099806.D
 Acq On : 24 Oct 2017 23:43
 Operator : SJ/JU
 Sample : I5956-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(25-27)

Quant Time: Oct 25 08:55:40 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	94043	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	373757	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	153966	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	222784	20.00	ng	0.00
75) Chrysene-d12	13.98	240	165224	20.00	ng	0.00
86) Perylene-d12	15.45	264	167124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	622341	103.89	ng	0.00
7) Phenol-d6	6.45	99	733752	103.31	ng	0.00
23) Nitrobenzene-d5	7.37	82	408423	70.35	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	118625	84.54	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	755645	75.72	ng	0.00
78) Terphenyl-d14	12.92	244	420639	55.64	ng	0.00

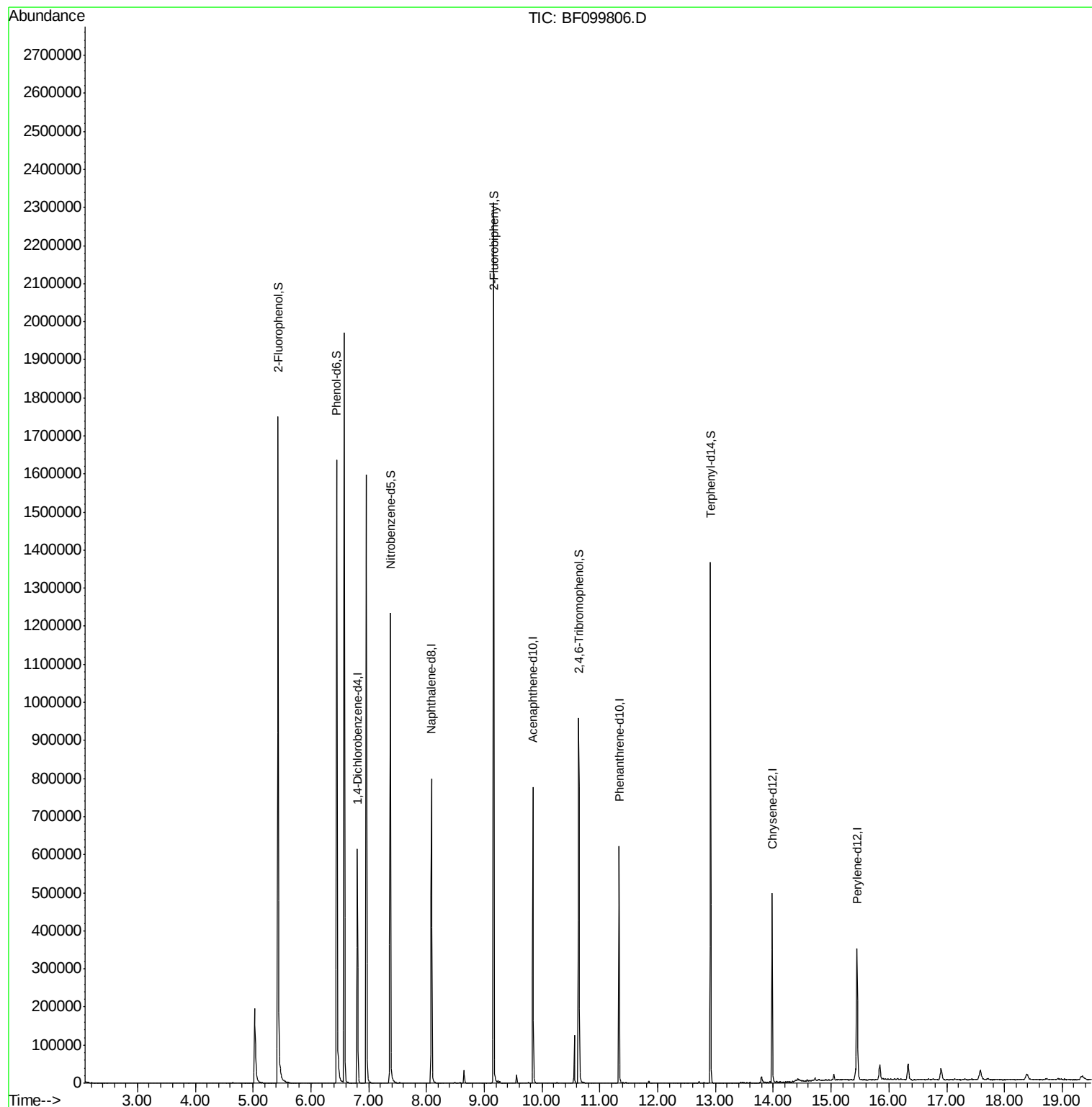
Target Compounds Qvalue

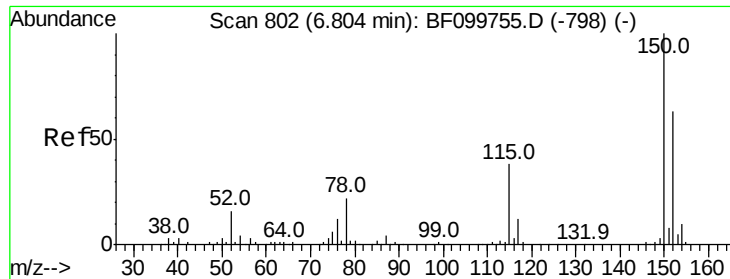
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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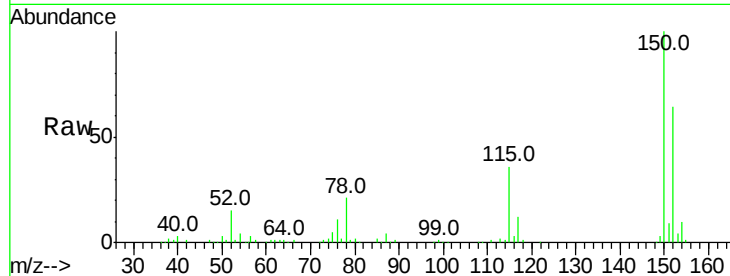


#1

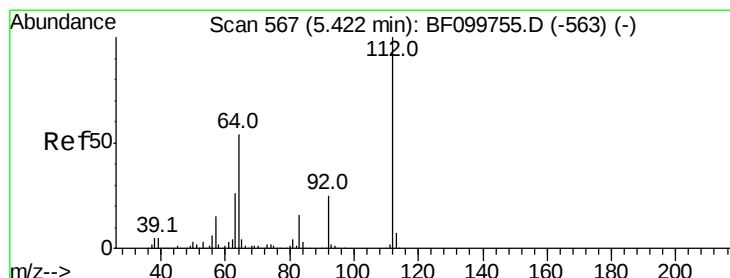
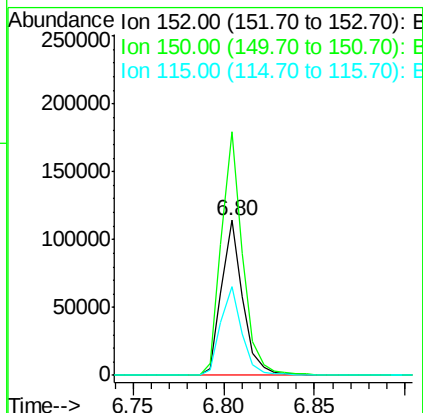
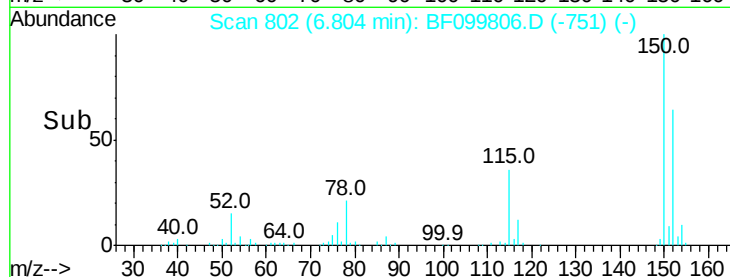
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Instrument :
BNA_F
ClientSampleId :
EPE-120-1(25-27)

Tot Ion:152 Resp: 94043
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.0 50.1 75.1



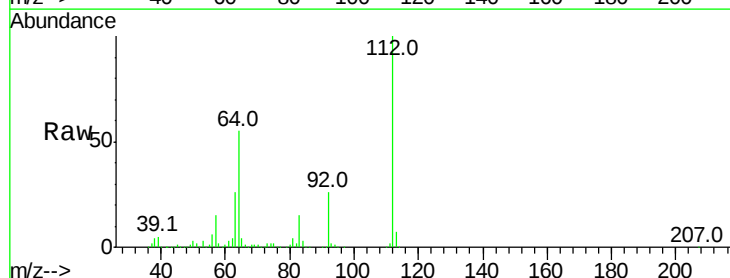
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



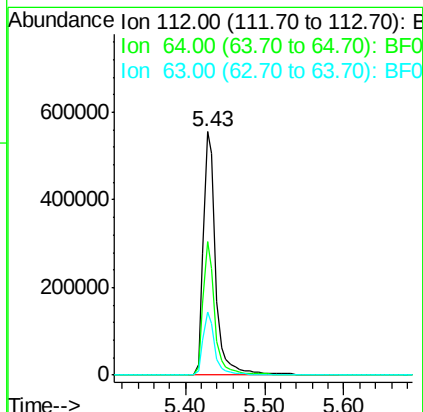
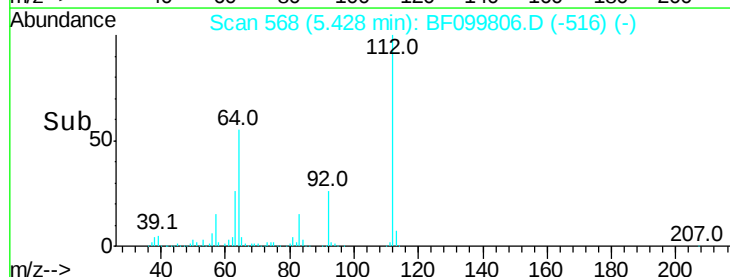
#5

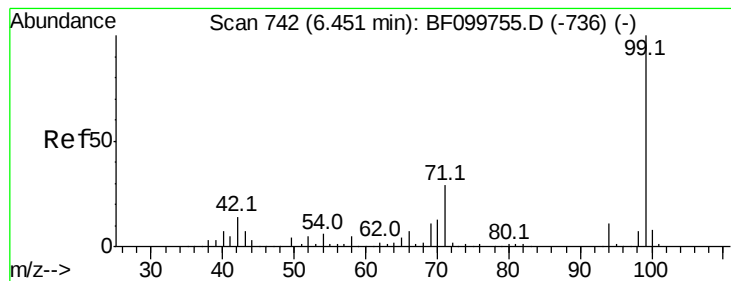
2-Fluorophenol
Concen: 103.894 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion:112 Resp: 622341
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 25.9 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: 103.307 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099806.D

Acq: 24 Oct 2017 23:43

Instrument :

BNA_F

ClientSampleId :

EPE-120-1(25-27)

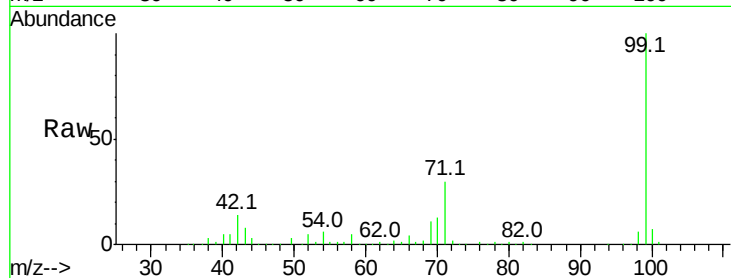
Tot Ion: 99 Resp: 733752

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

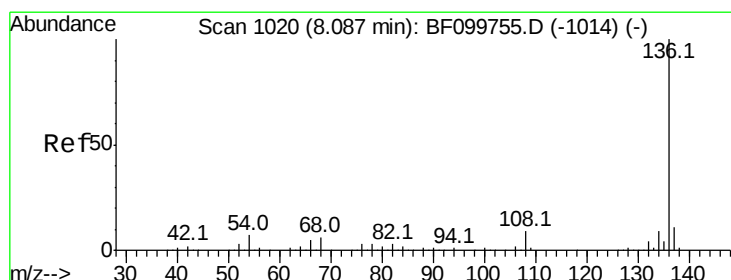
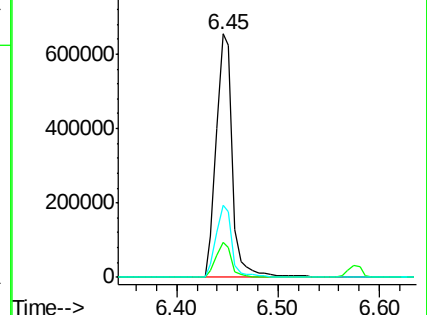
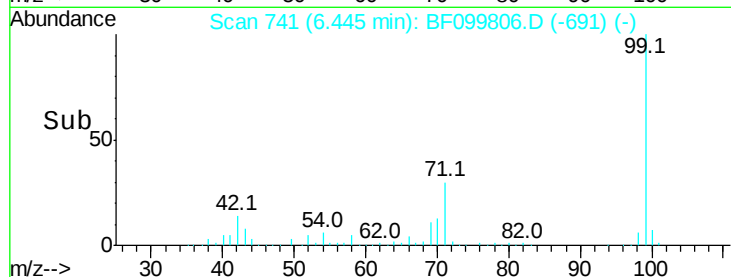
71 29.8 25.4 38.0



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: BF099806.D

Acq: 24 Oct 2017 23:43

Tgt Ion: 136 Resp: 373757

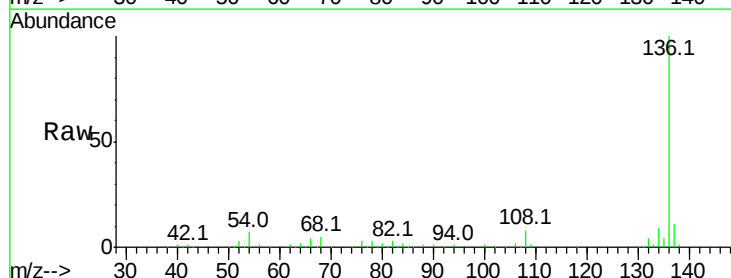
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.1 5.0 7.4

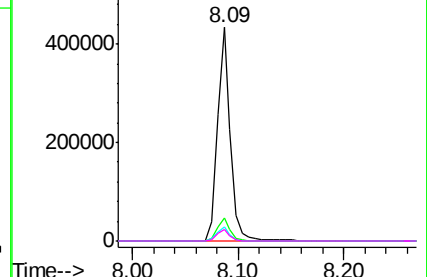
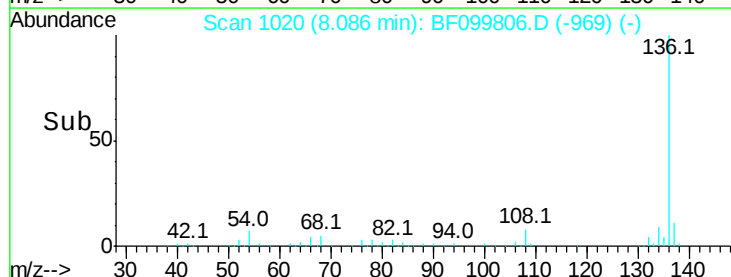


Abundance Ion 136.00 (135.70 to 136.70): E

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

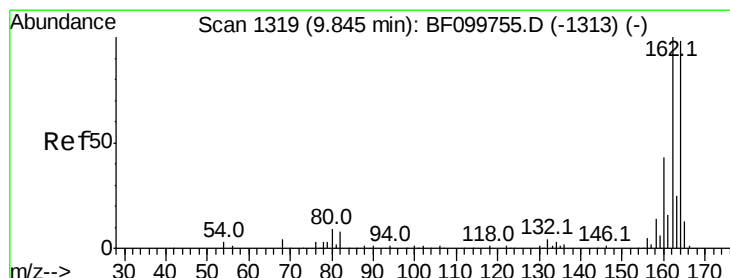
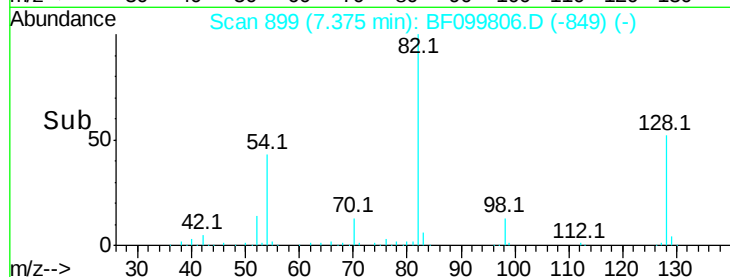
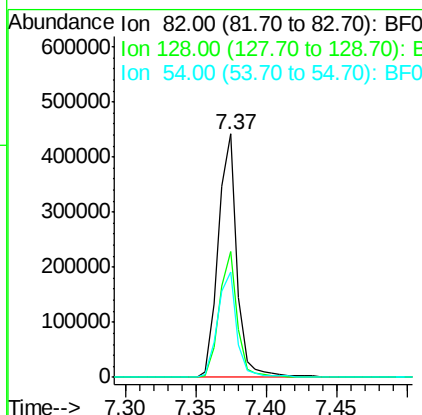
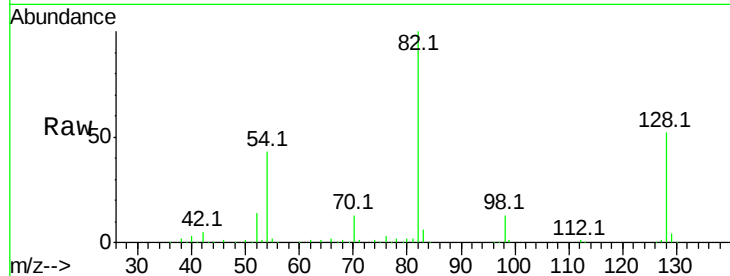




#23
Nitrobenzene-d5
Concen: 70.352 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

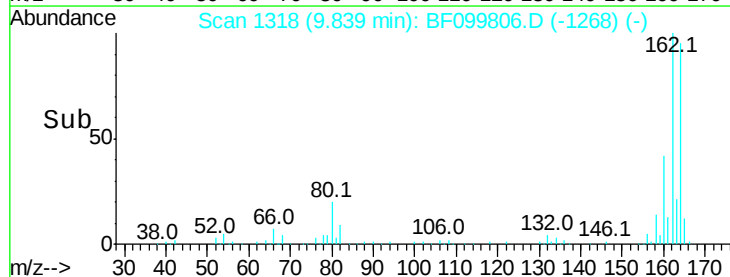
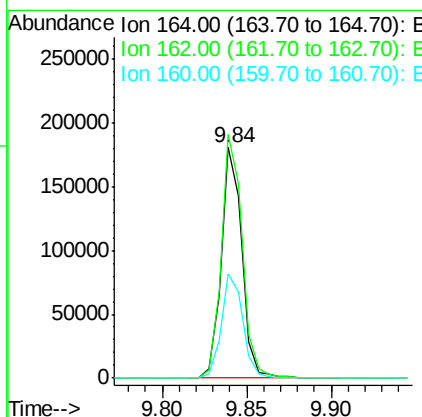
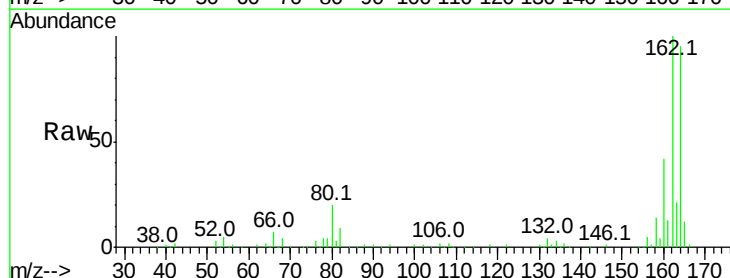
Instrument :
BNA_F
ClientSampleId :
EPE-120-1(25-27)

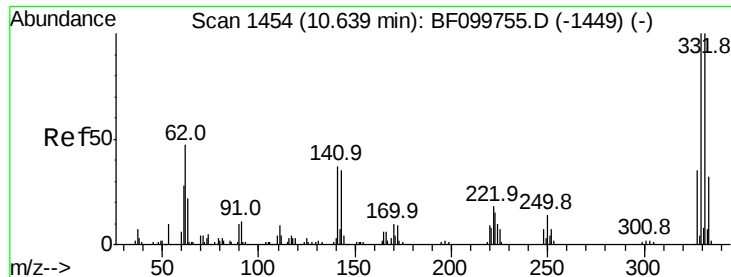
Tot Ion: 82 Resp: 408423
Ion Ratio Lower Upper
82 100
128 51.5 36.1 54.1
54 43.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion:164 Resp: 153966
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 44.9 38.3 57.5

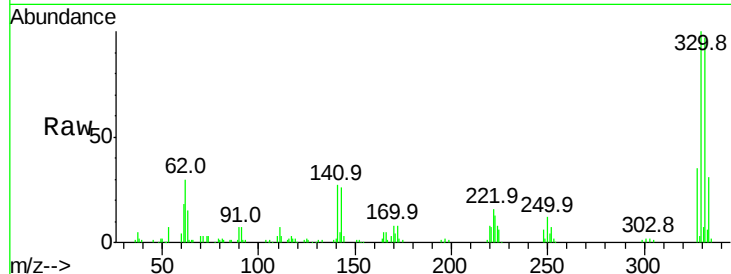




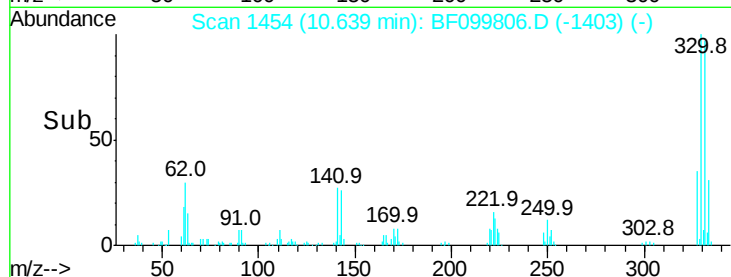
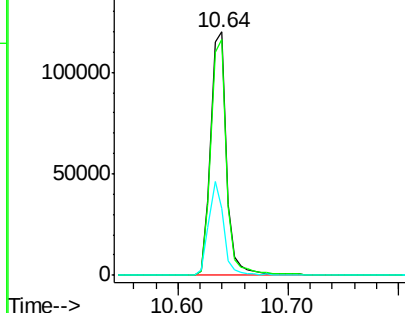
#41
 2,4,6-Tribromophenol
 Concen: 84.544 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(25-27)

Tot Ion:330 Resp: 118625
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 35.6 29.9 44.9

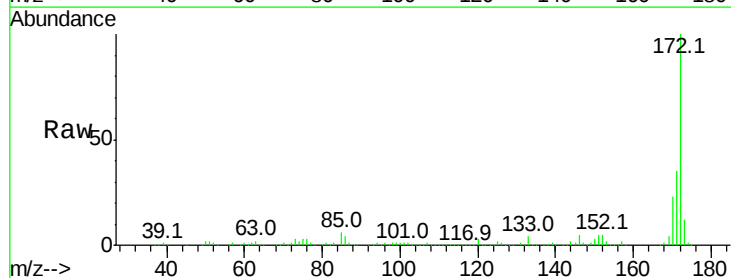


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

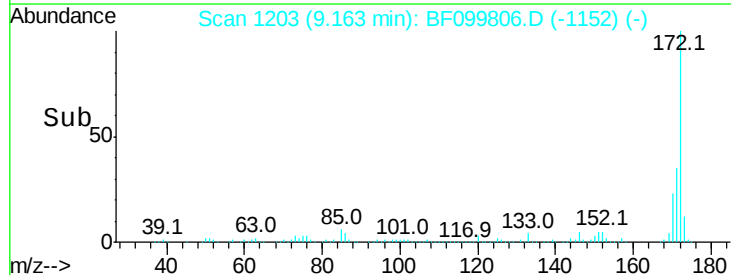
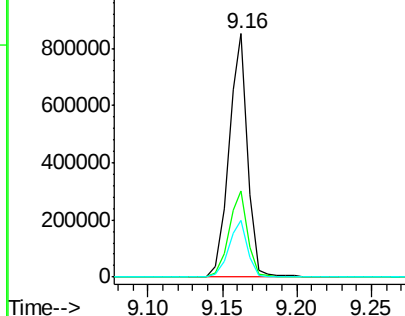


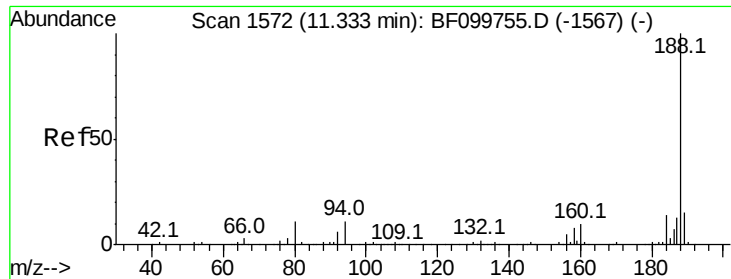
#44
 2-Fluorobiphenyl
 Concen: 75.721 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

Tgt Ion:172 Resp: 755645
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.3 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

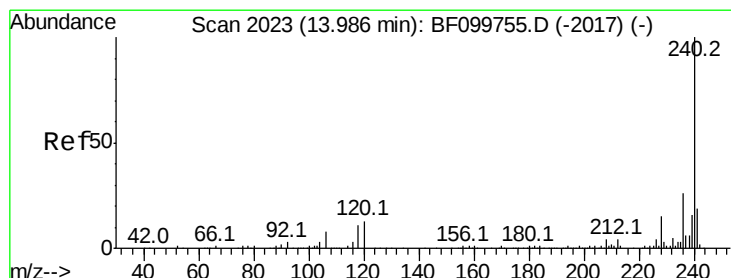
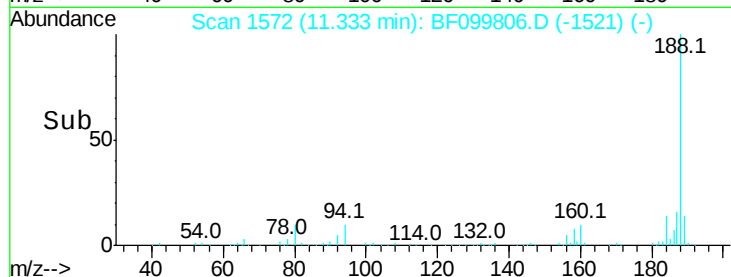
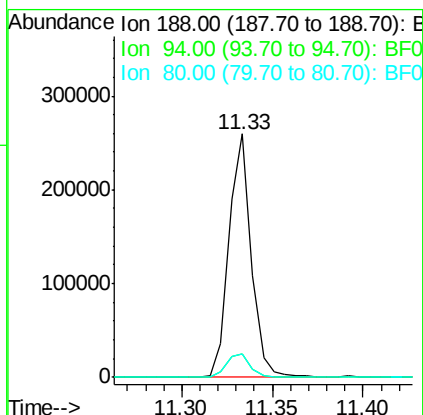
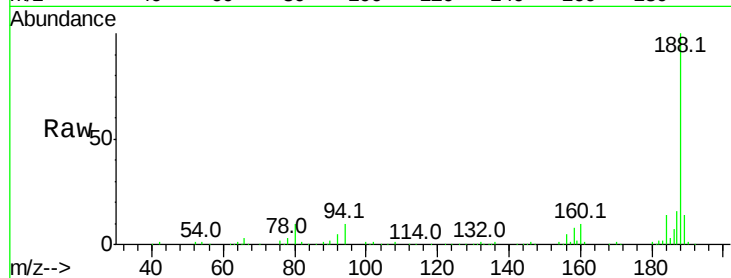




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

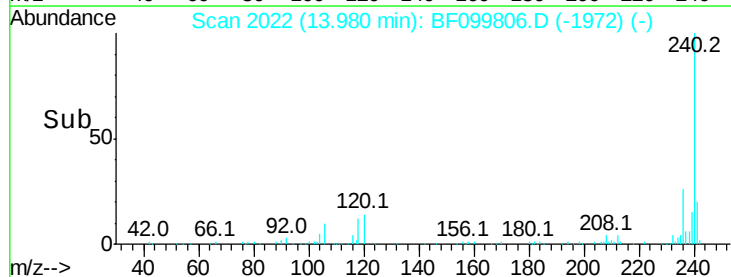
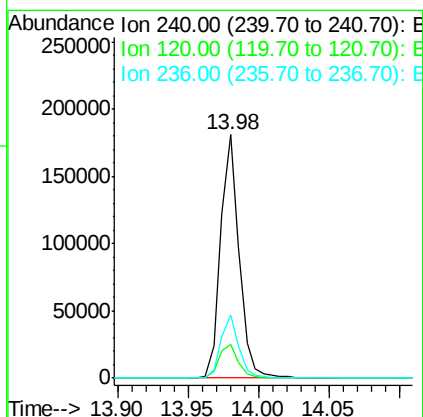
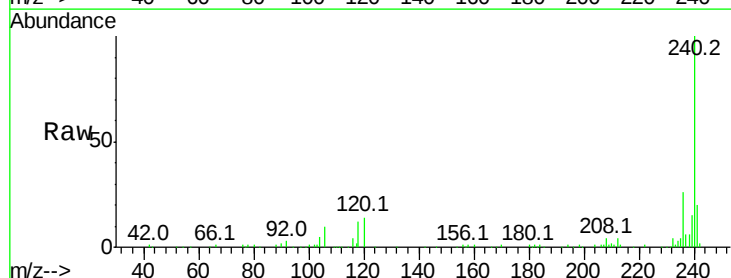
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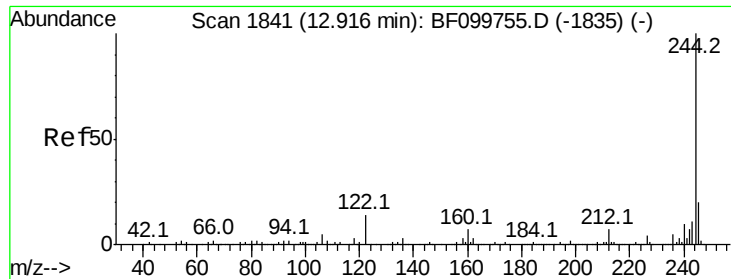
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	9.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099806.D
Acq: 24 Oct 2017 23:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.7	20.7	31.1

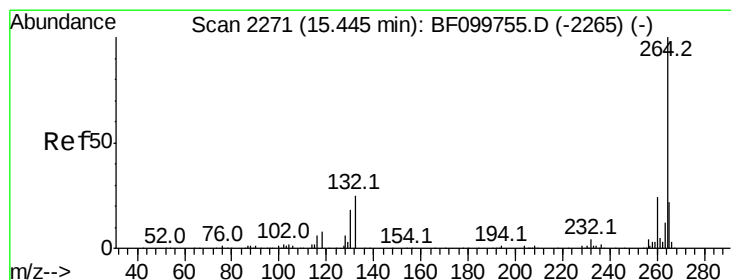
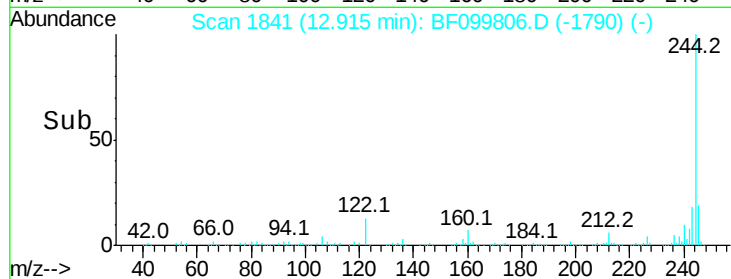
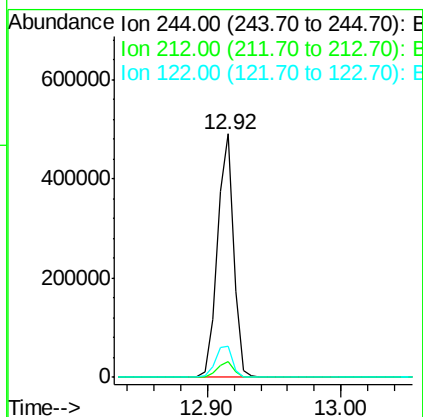
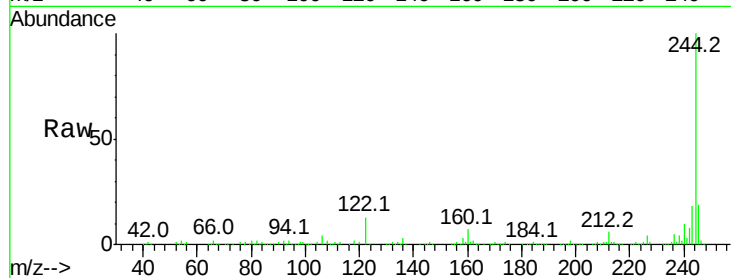




#78
 Terphenyl-d14
 Concen: 55.637 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-1(25-27)

Tot Ion:244 Resp: 420639
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099806.D
 Acq: 24 Oct 2017 23:43

Tgt Ion:264 Resp: 167124
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.1 17.5 26.3

