

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099797.D
 Acq On : 24 Oct 2017 19:28
 Operator : SJ/JU
 Sample : I5956-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(50-52)

Quant Time: Oct 25 08:28:16 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	91226	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	357849	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	147225	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	209192	20.00	ng	0.00
75) Chrysene-d12	13.98	240	161449	20.00	ng	0.00
86) Perylene-d12	15.45	264	159010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	625094	107.58	ng	0.00
7) Phenol-d6	6.45	99	745933	108.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	423459	76.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	124872	93.07	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	796887	83.51	ng	0.00
78) Terphenyl-d14	12.92	244	463357	62.72	ng	0.00

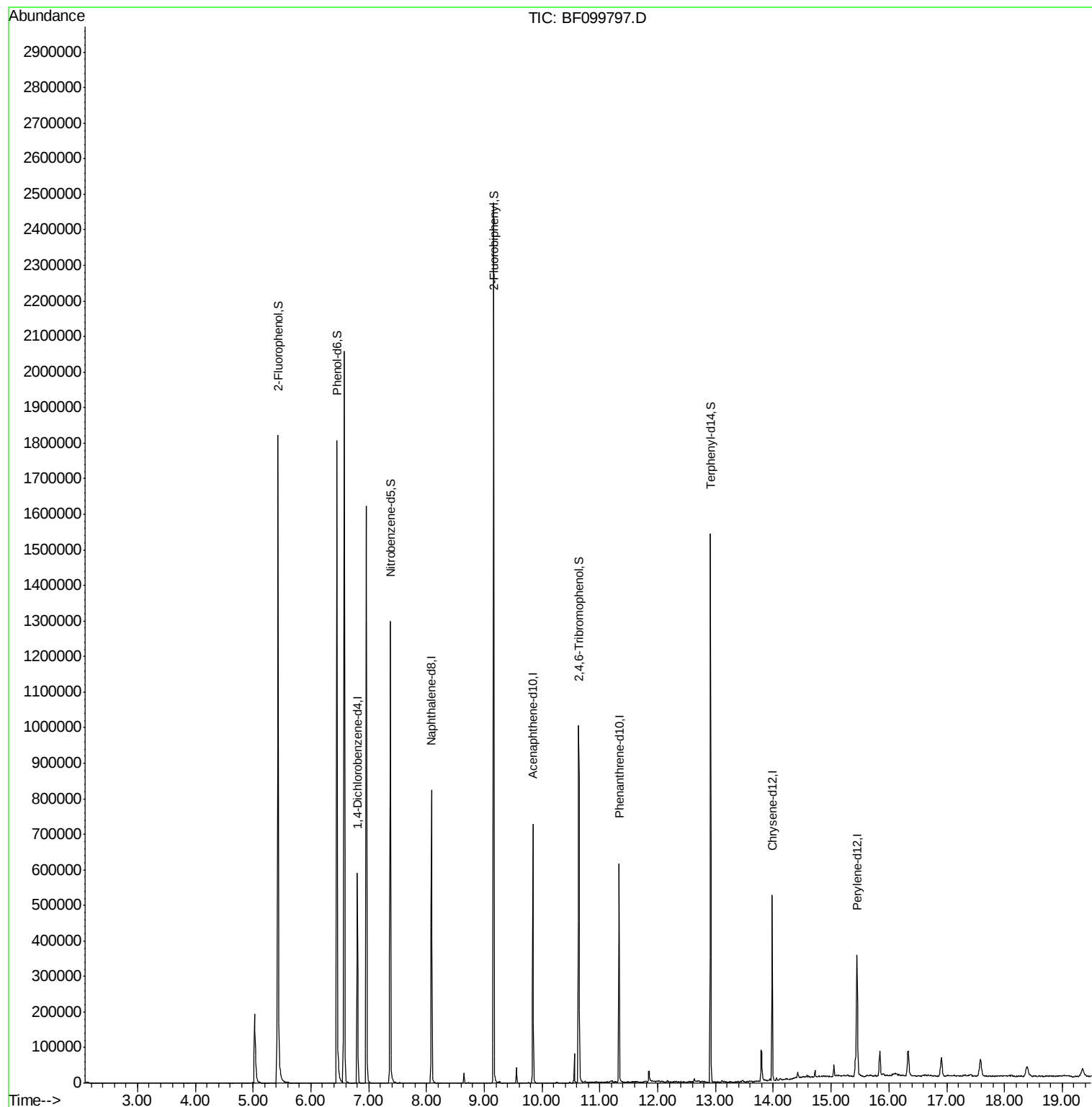
Target Compounds Qvalue

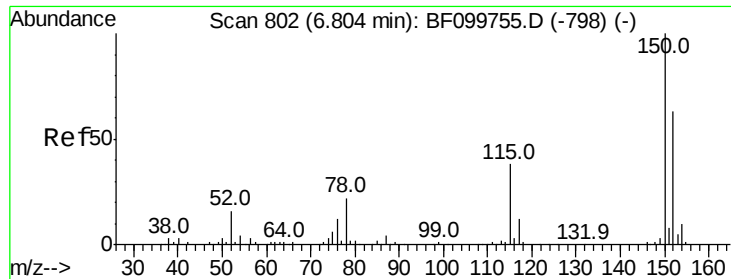
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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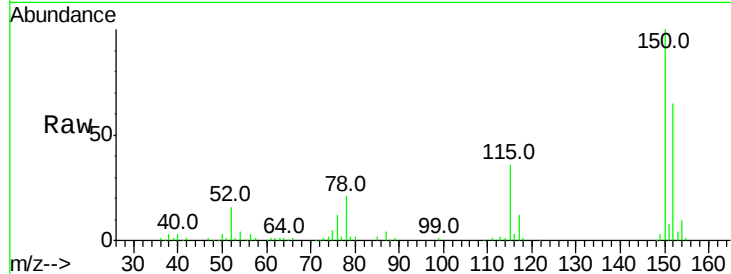


#1

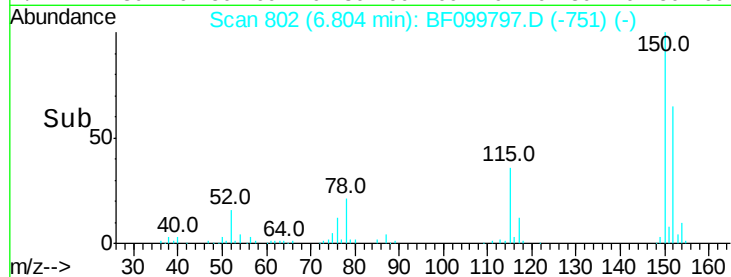
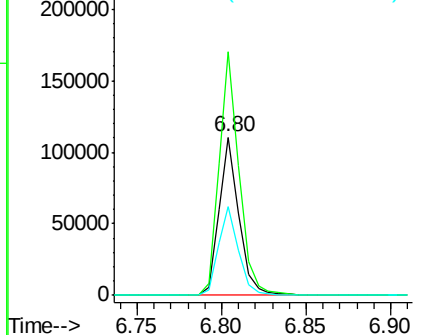
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(50-52)

Tot Ion:152 Resp: 91226
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 56.0 50.1 75.1



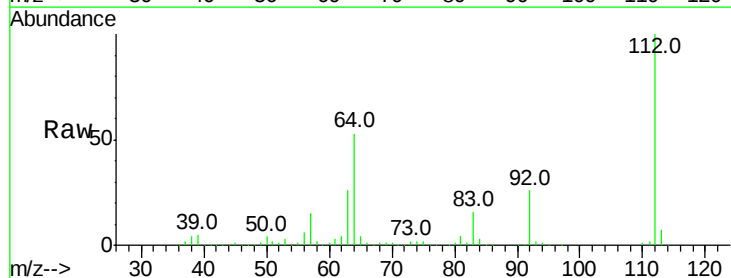
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



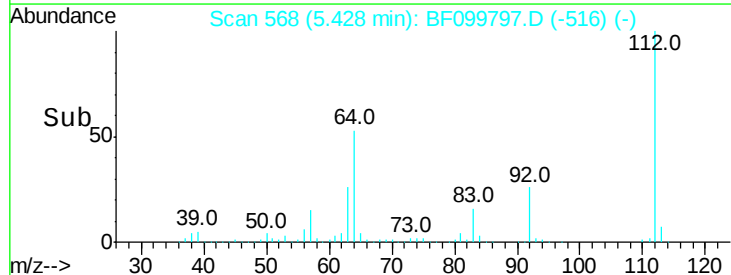
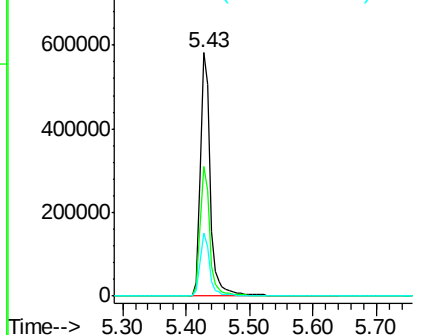
#5

2-Fluorophenol
 Concen: 107.576 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Tgt Ion:112 Resp: 625094
 Ion Ratio Lower Upper
 112 100
 64 53.1 47.9 71.9
 63 25.8 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: 108.265 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099797.D

Acq: 24 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

EPE-M-6(50-52)

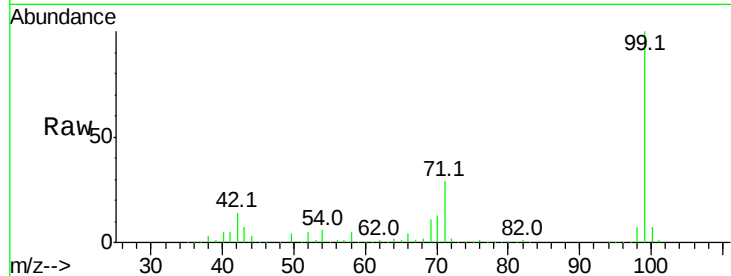
Tot Ion: 99 Resp: 745933

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

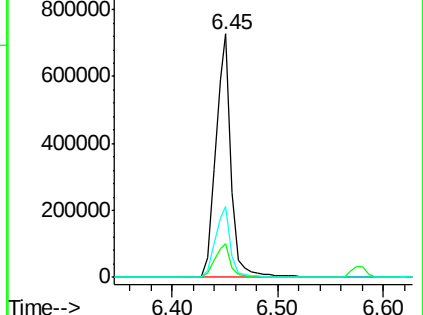
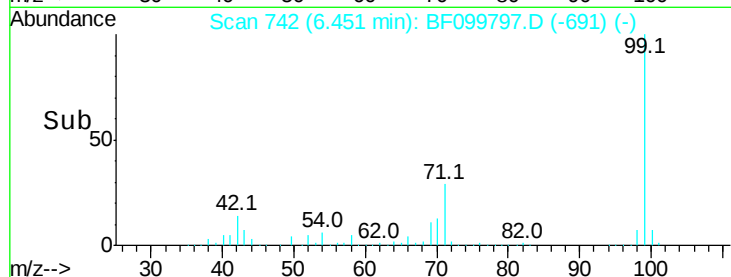
71 29.2 25.4 38.0



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: BF099797.D

Acq: 24 Oct 2017 19:28

Tgt Ion: 136 Resp: 357849

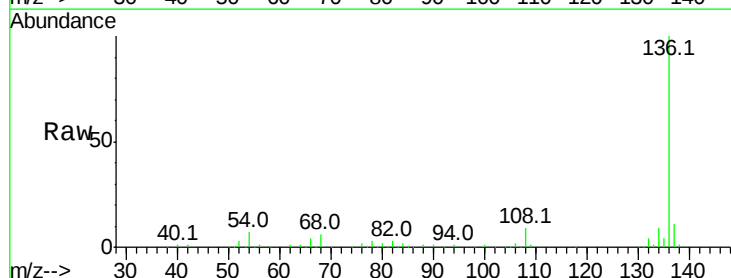
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.6 6.6 9.8

68 5.7 5.0 7.4

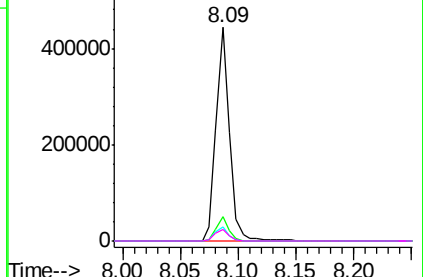
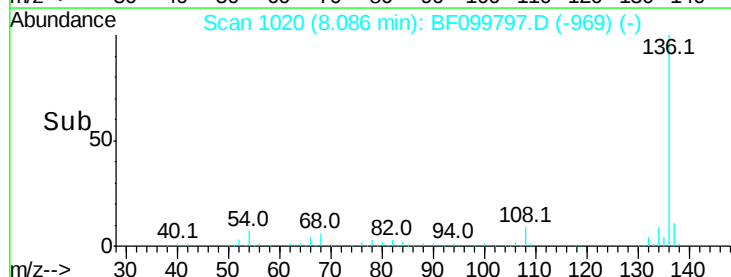


Abundance Ion 136.00 (135.70 to 136.70): E

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

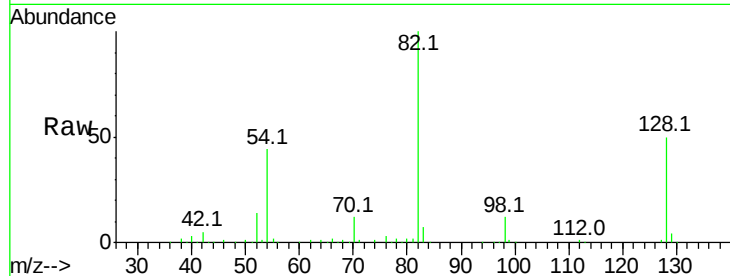




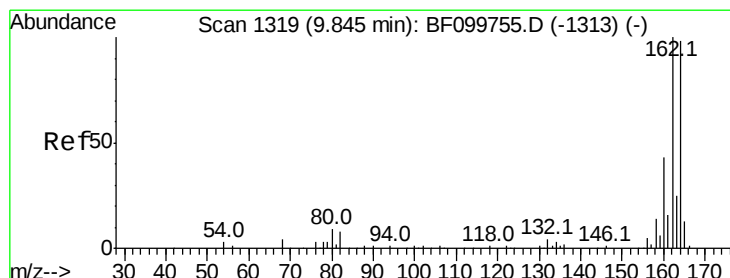
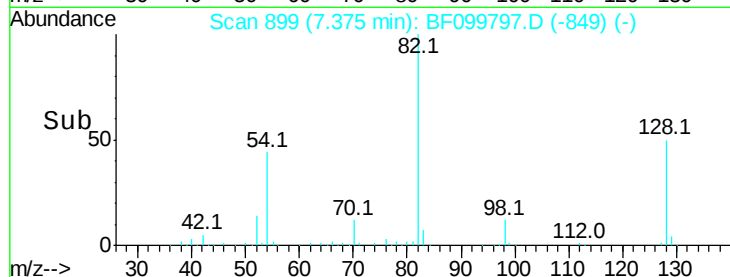
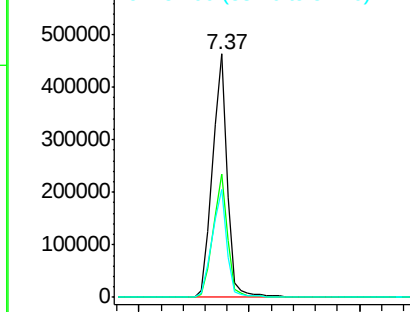
#23
 Nitrobenzene-d5
 Concen: 76.184 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(50-52)

Tot Ion: 82 Resp: 423459
 Ion Ratio Lower Upper
 82 100
 128 50.4 36.1 54.1
 54 44.4 41.4 62.2

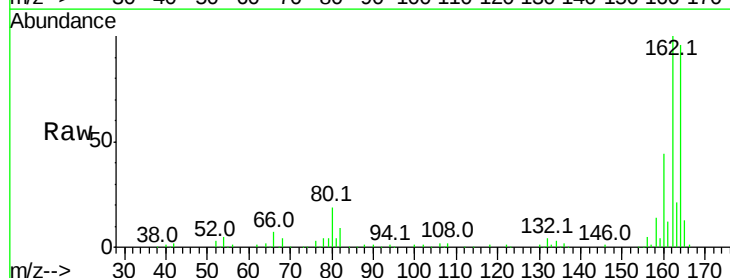


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

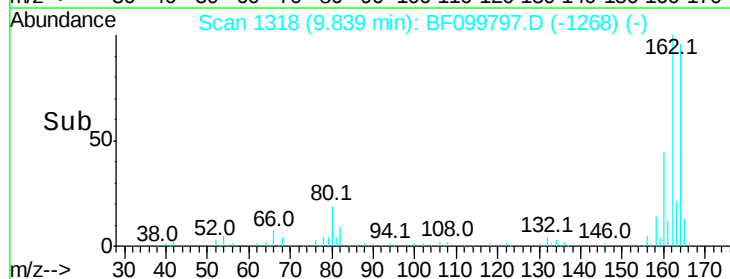
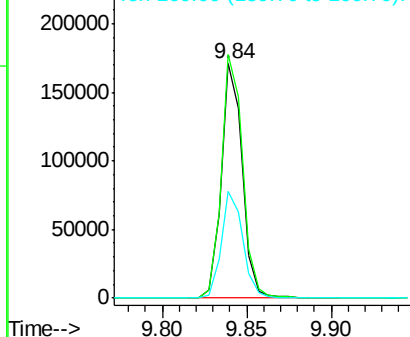


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Tgt Ion:164 Resp: 147225
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.4 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

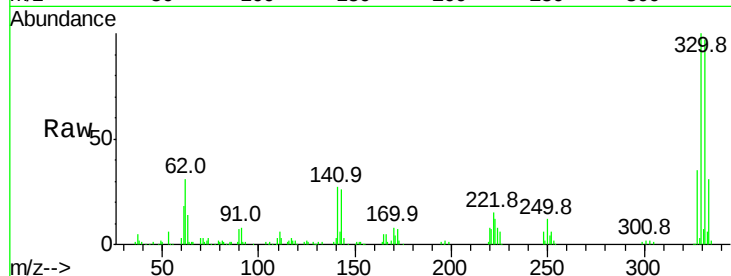




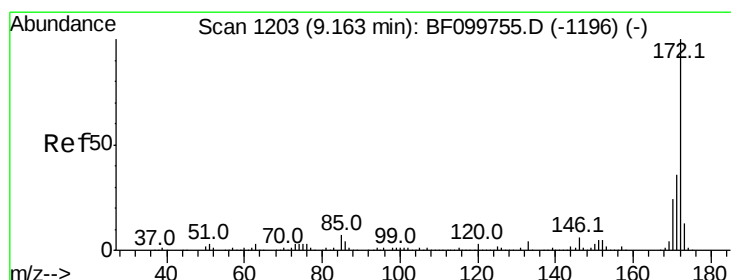
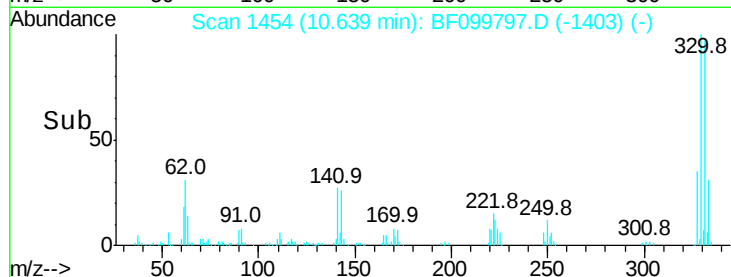
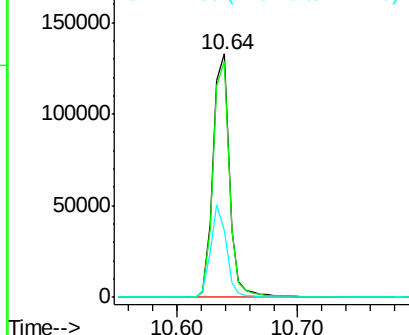
#41
 2,4,6-Tribromophenol
 Concen: 93.071 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(50-52)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.4	29.9	44.9

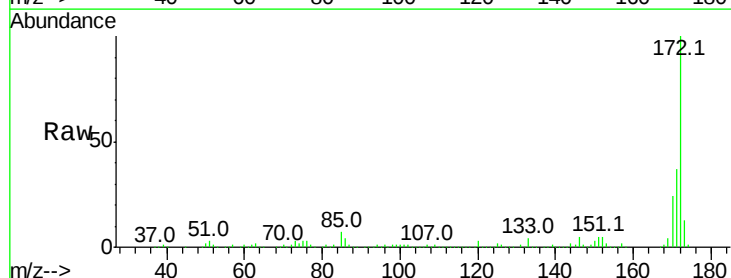


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

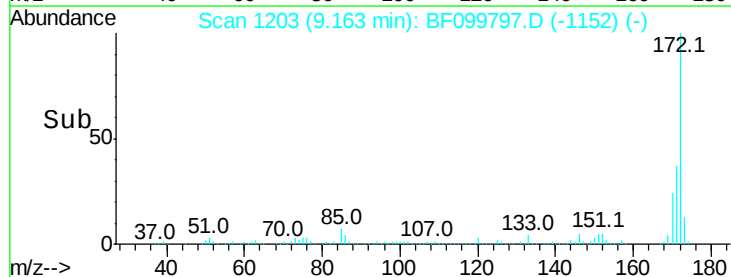
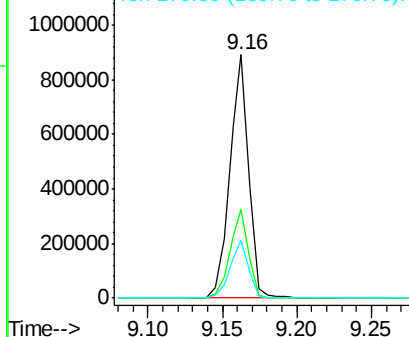


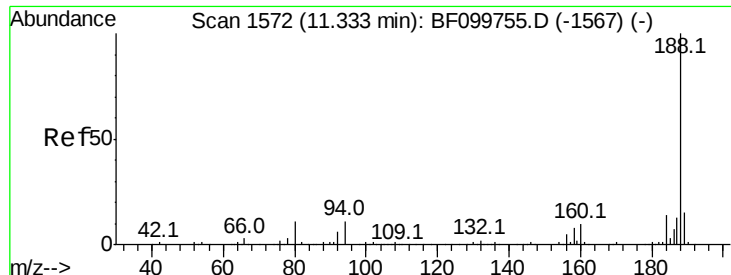
#44
 2-Fluorobiphenyl
 Concen: 83.509 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	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

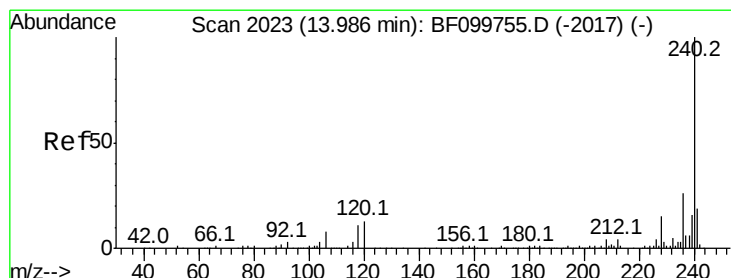
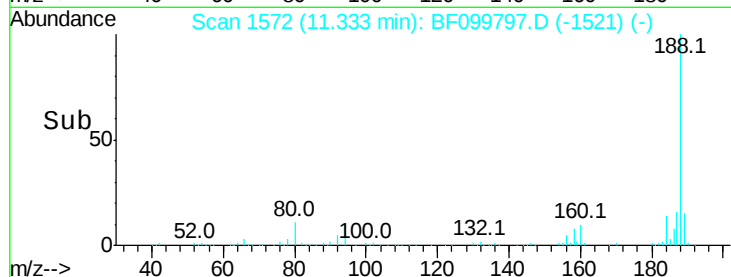
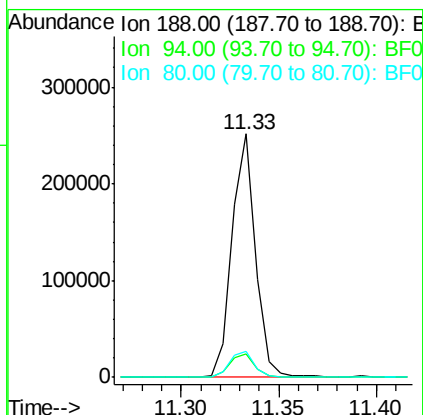
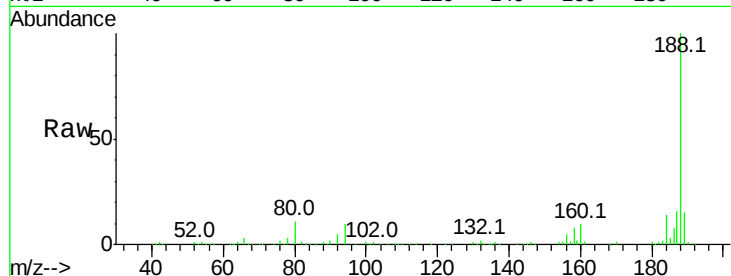




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

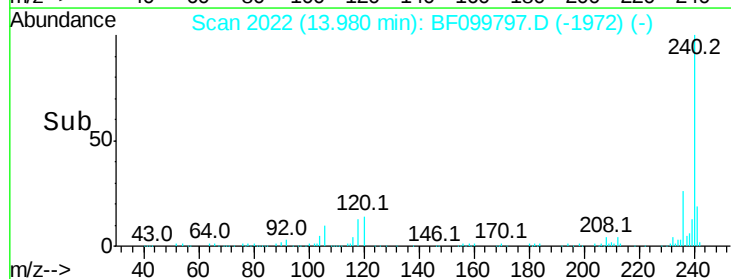
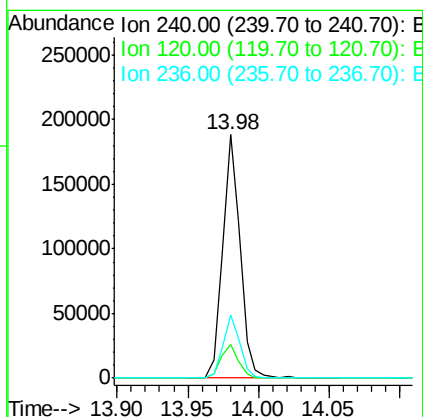
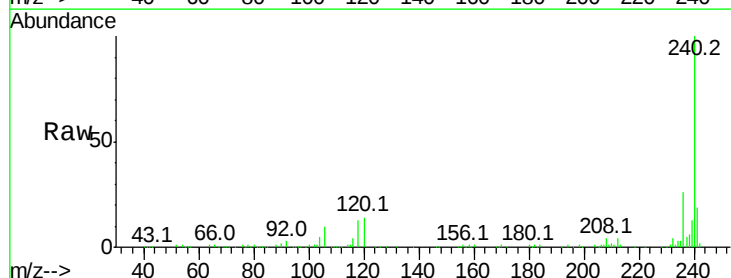
Instrument :
BNA_F
ClientSampleId :
EPE-M-6(50-52)

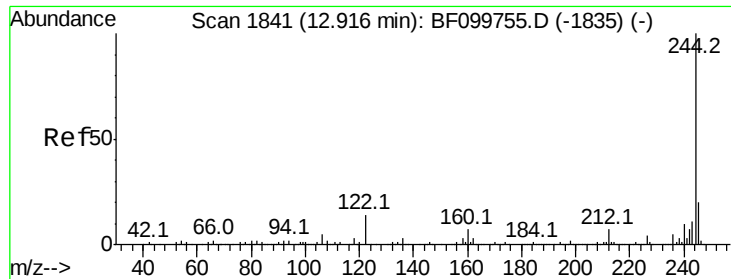
Tot Ion:188 Resp: 209192
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

Tgt Ion:240 Resp: 161449
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.9 20.7 31.1

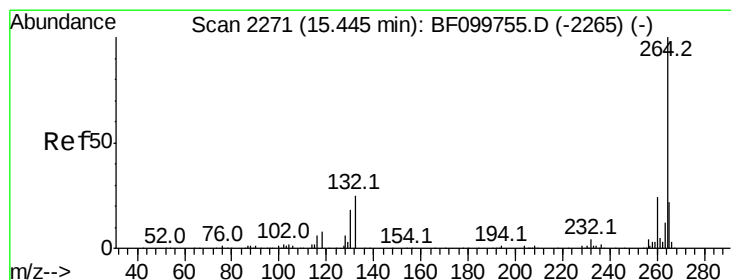
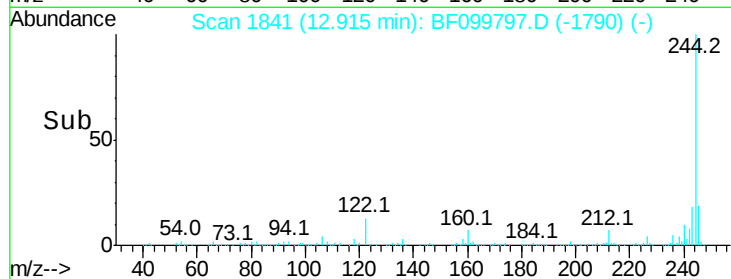
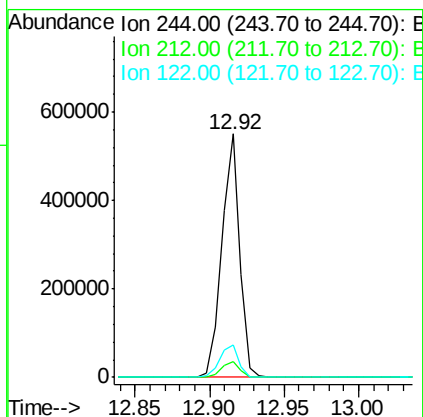
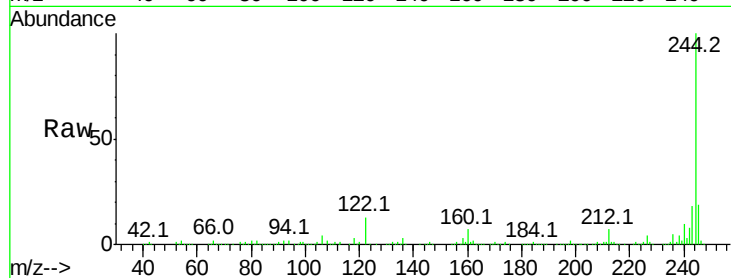




#78
 Terphenyl-d14
 Concen: 62.720 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 EPE-M-6(50-52)

Tot Ion:244 Resp: 463357
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.1 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: BF099797.D
 Acq: 24 Oct 2017 19:28

Tgt Ion:264 Resp: 159010
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.7 17.5 26.3

