

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099604.D
 Acq On : 18 Oct 2017 1:53
 Operator : SJ/JU
 Sample : I5837-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170686-FB

Quant Time: Oct 18 03:06:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	103207	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	420627	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	181373	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	270691	20.00	ng	0.00
75) Chrysene-d12	13.99	240	177266	20.00	ng	-0.01
86) Perylene-d12	15.45	264	193203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	268740	41.45	ng	0.01
7) Phenol-d6	6.47	99	264842	33.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	575823	87.79	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	107786	72.63	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1067737	98.28	ng	0.00
78) Terphenyl-d14	12.93	244	665923	85.43	ng	0.00

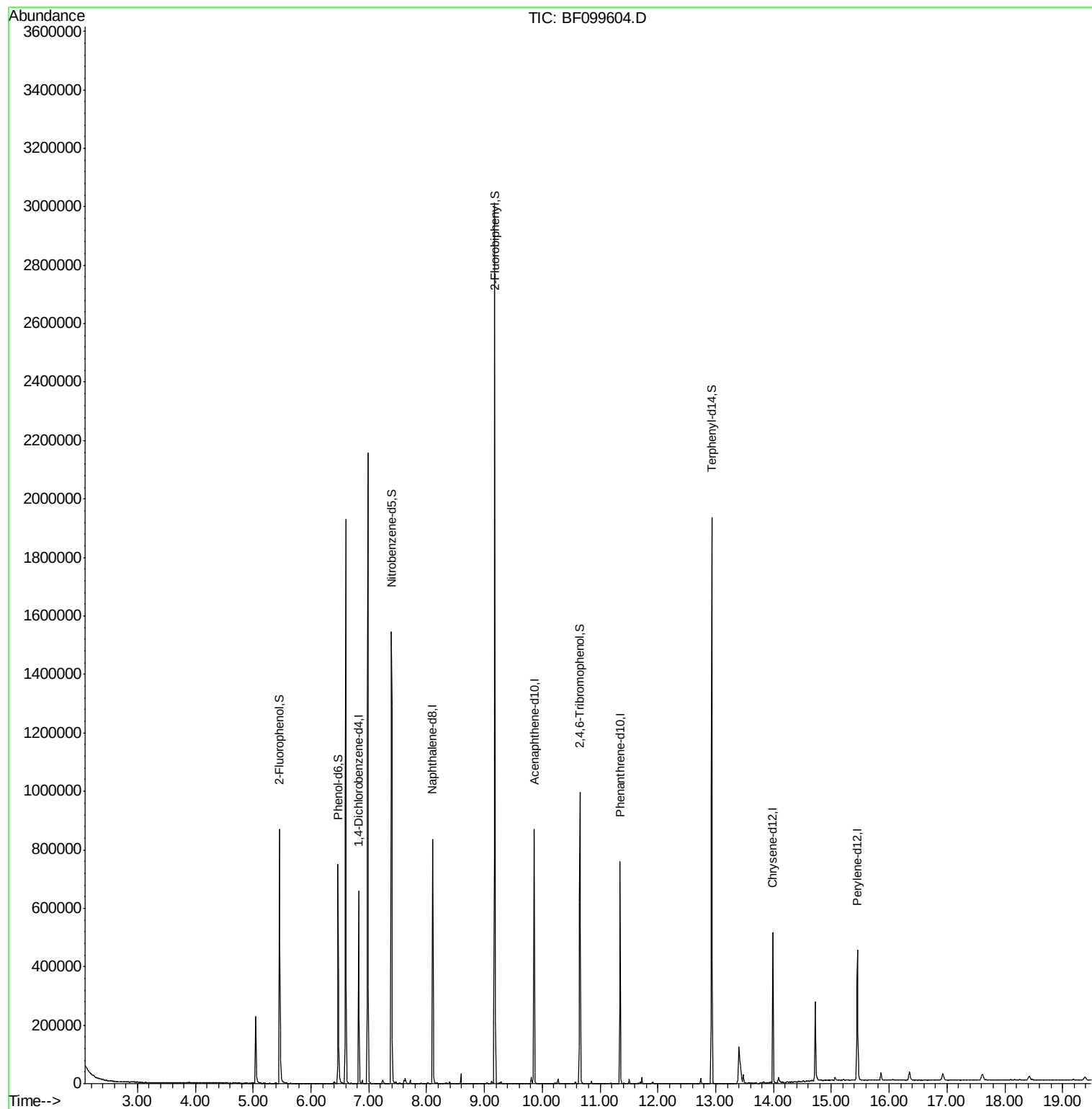
Target Compounds Qvalue

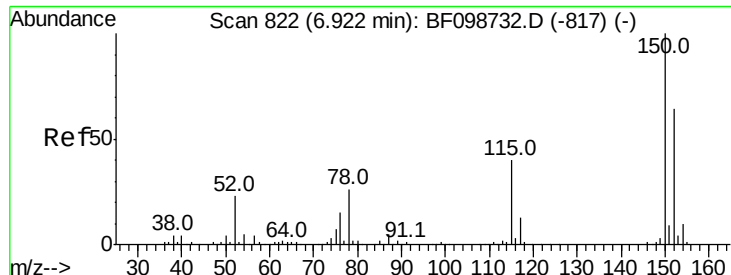
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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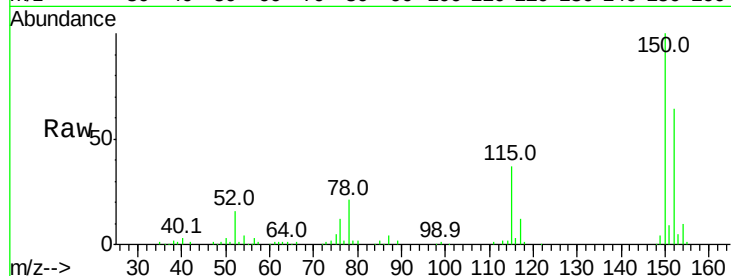


#1

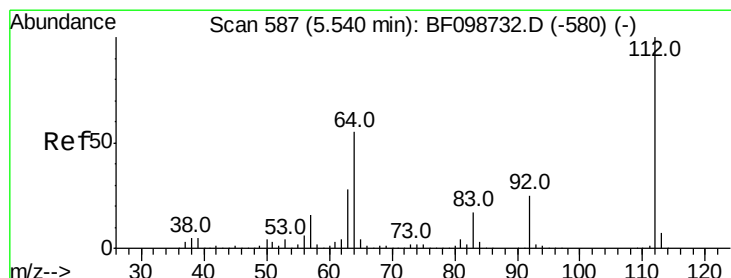
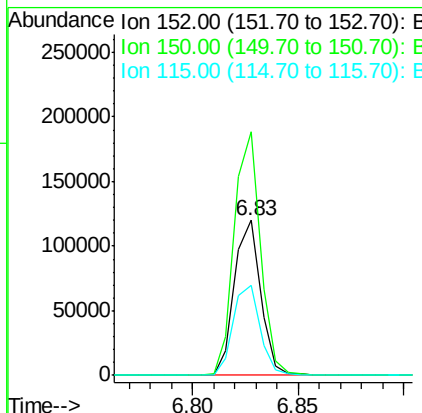
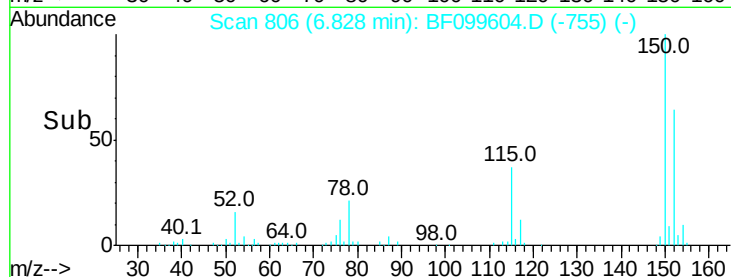
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF099604.D
 Acq: 18 Oct 2017 1:53

Instrument :
 BNA_F
 ClientSampleId :
 20170686-FB

Tot Ion:152 Resp: 103207
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 58.1 50.1 75.1



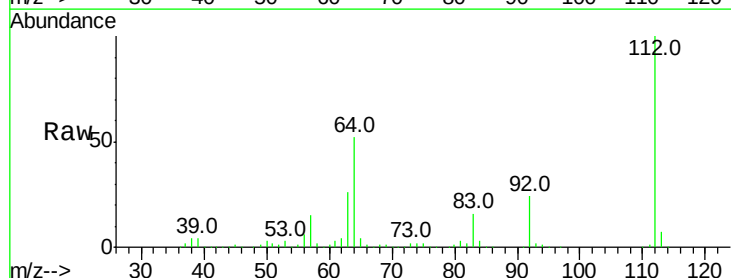
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



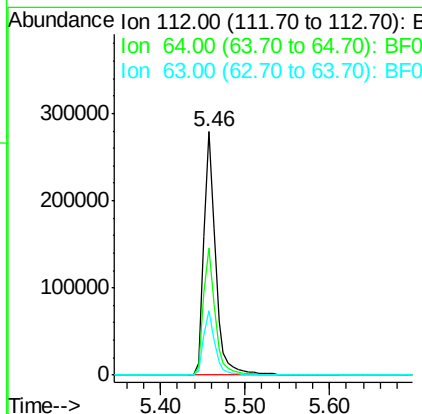
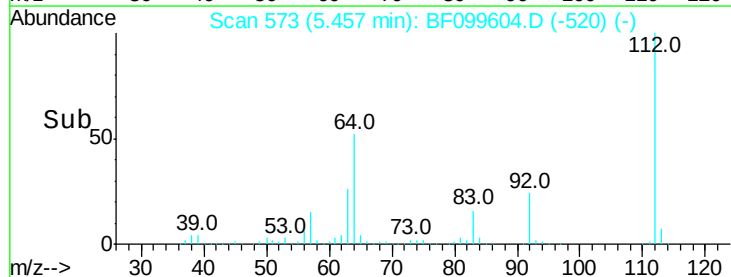
#5

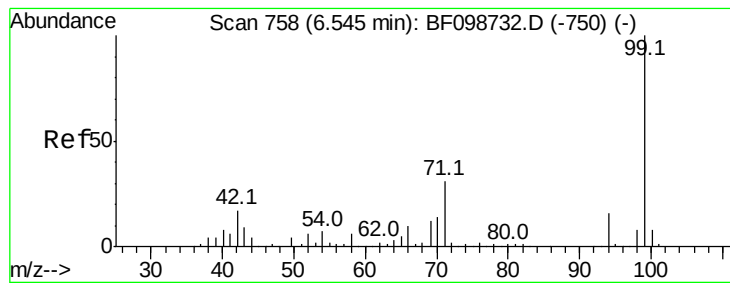
2-Fluorophenol
 Concen: 41.451 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF099604.D
 Acq: 18 Oct 2017 1:53

Tgt Ion:112 Resp: 268740
 Ion Ratio Lower Upper
 112 100
 64 52.2 47.9 71.9
 63 26.2 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: 33.114 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF099604.D

Acq: 18 Oct 2017 1:53

Instrument :

BNA_F

ClientSampleId :

20170686-FB

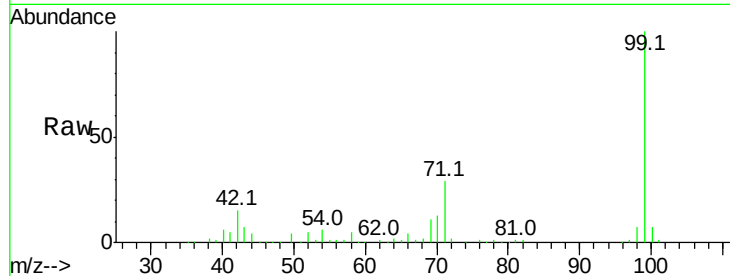
Tot Ion: 99 Resp: 264842

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

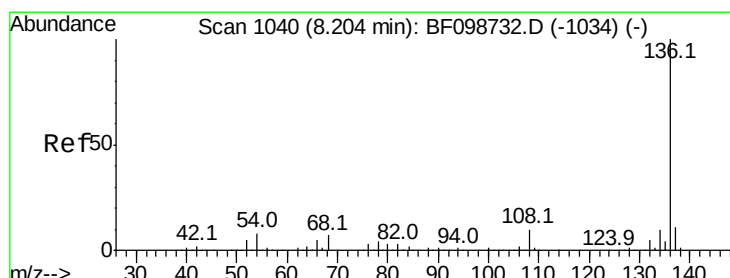
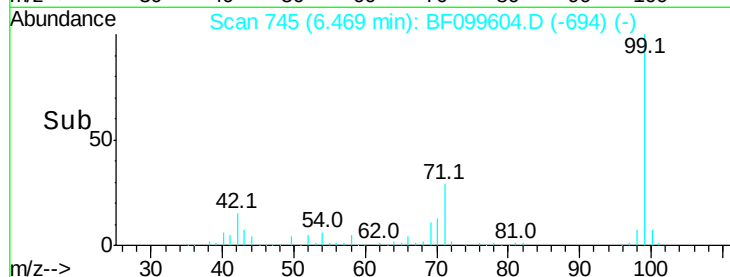
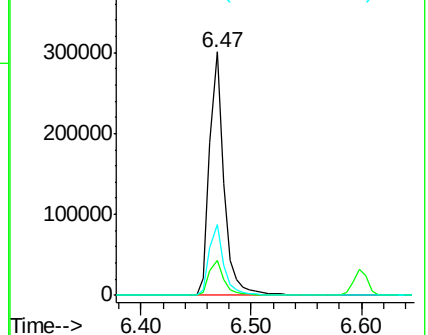
71 28.8 25.4 38.0



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099604.D

Acq: 18 Oct 2017 1:53

Tgt Ion: 136 Resp: 420627

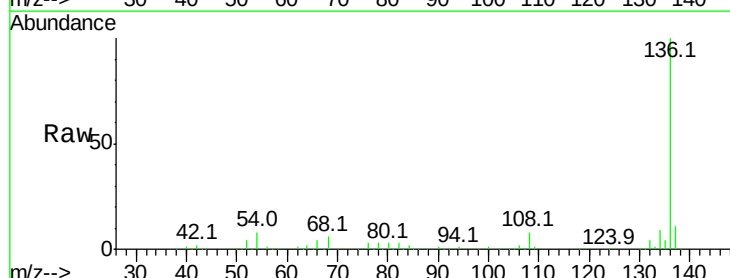
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

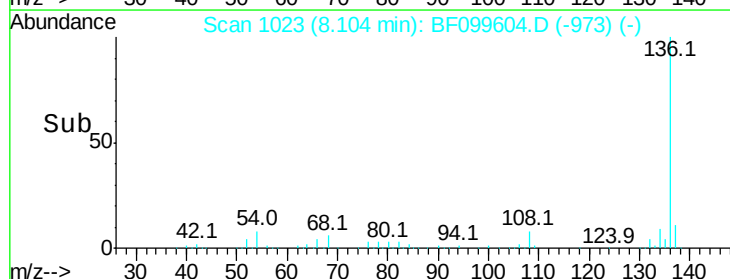
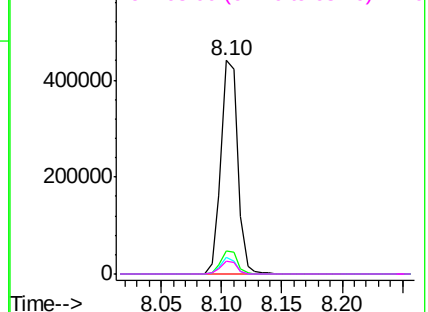


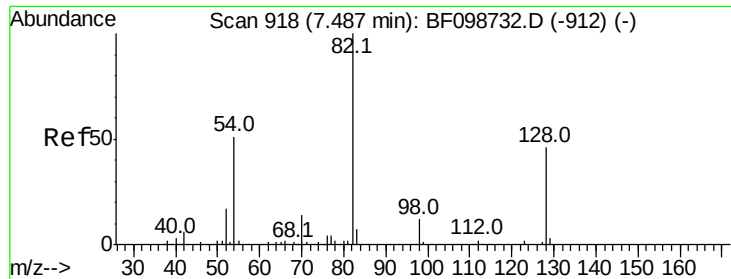
Abundance Ion 136.00 (135.70 to 136.70): E

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

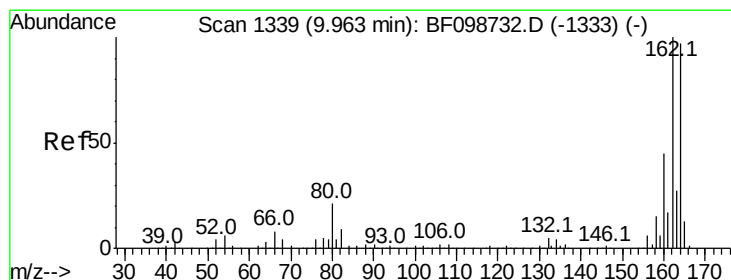
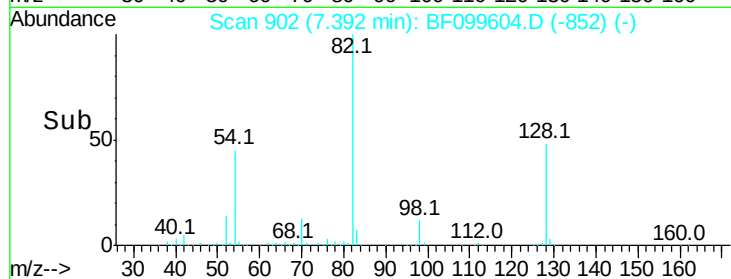
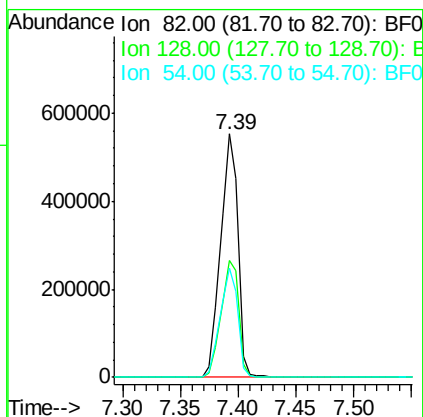
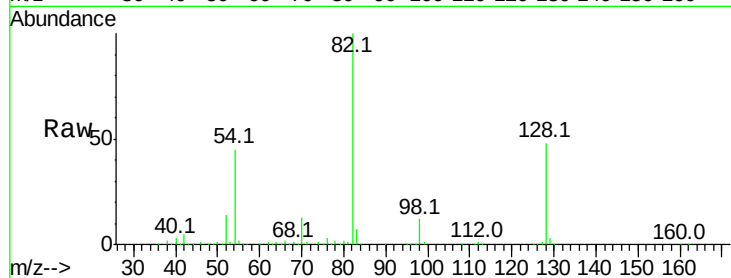




#23
Nitrobenzene-d5
Concen: 87.792 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099604.D
Acq: 18 Oct 2017 1:53

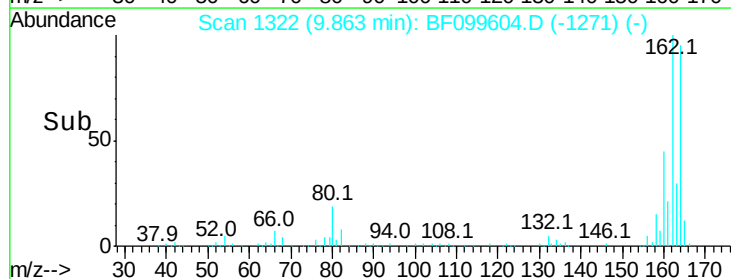
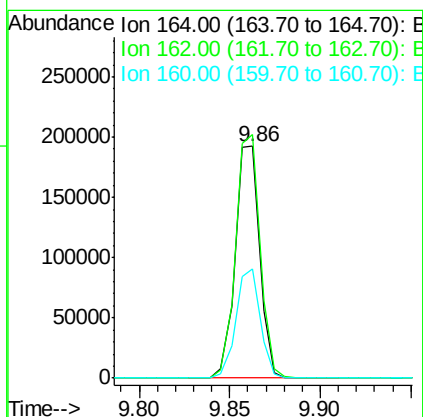
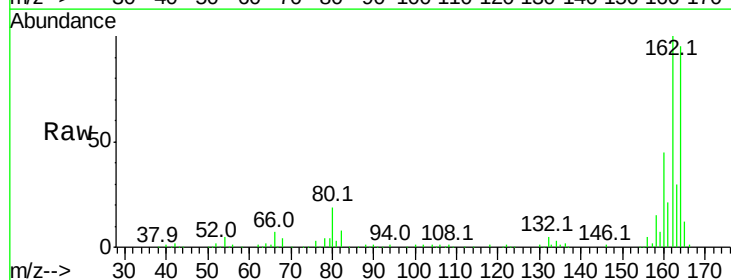
Instrument :
BNA_F
ClientSampleId :
20170686-FB

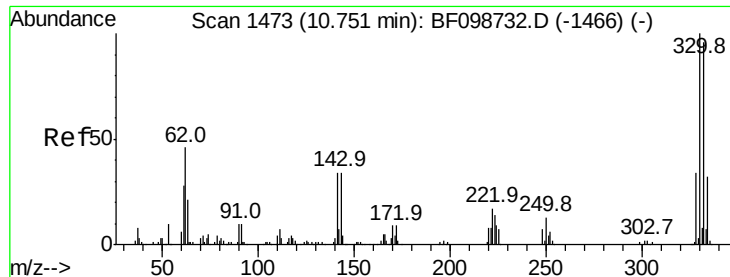
Tot Ion: 82 Resp: 575823
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 45.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF099604.D
Acq: 18 Oct 2017 1:53

Tgt Ion:164 Resp: 181373
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 47.0 38.3 57.5

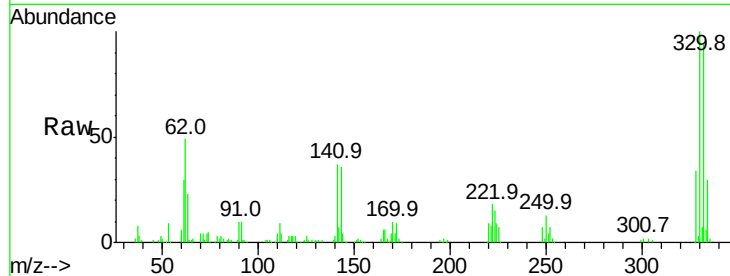




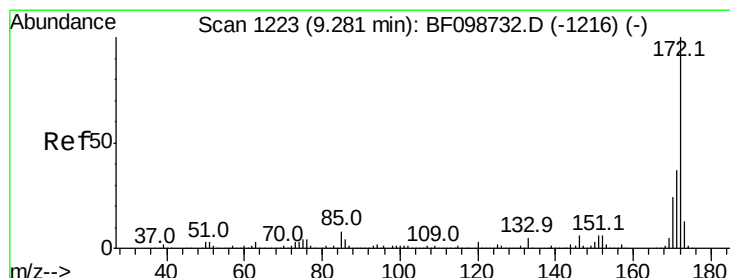
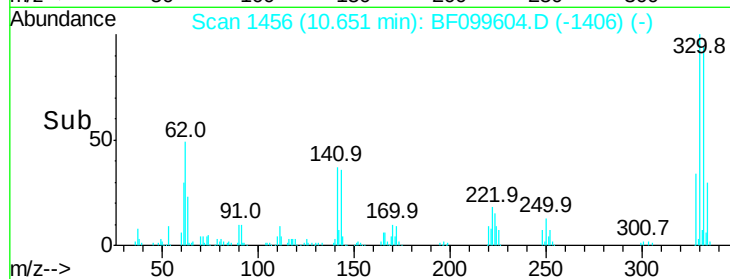
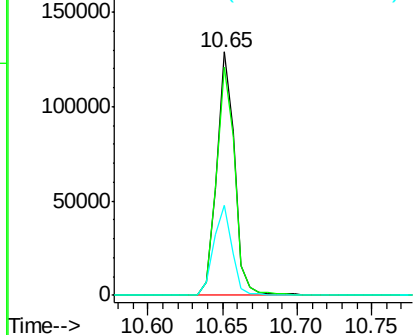
#41
 2,4,6-Tribromophenol
 Concen: 72.626 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099604.D
 Acq: 18 Oct 2017 1:53

Instrument :
 BNA_F
 ClientSampleId :
 20170686-FB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	38.0	29.9	44.9

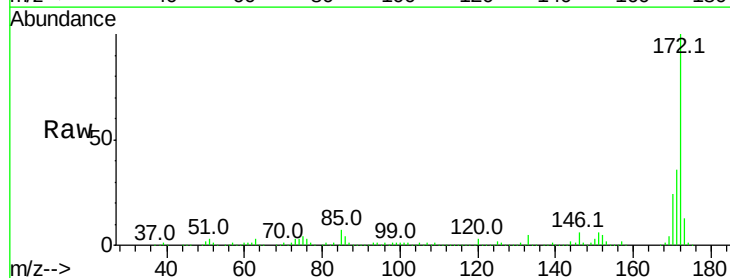


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

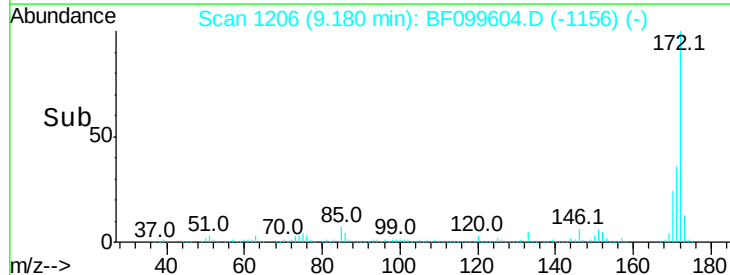
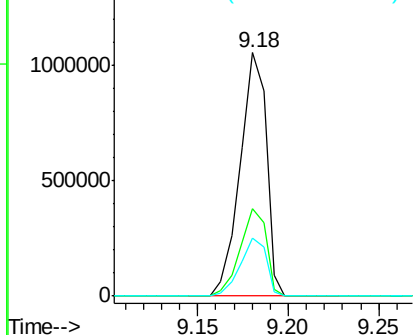


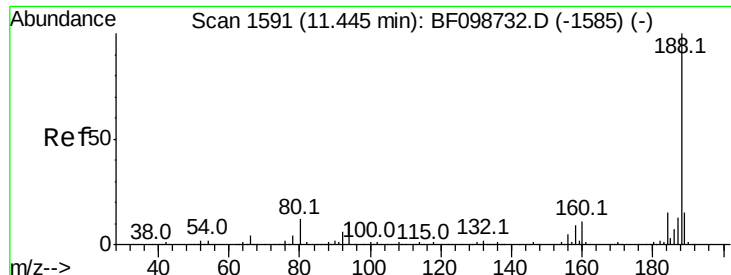
#44
 2-Fluorobiphenyl
 Concen: 98.278 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099604.D
 Acq: 18 Oct 2017 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

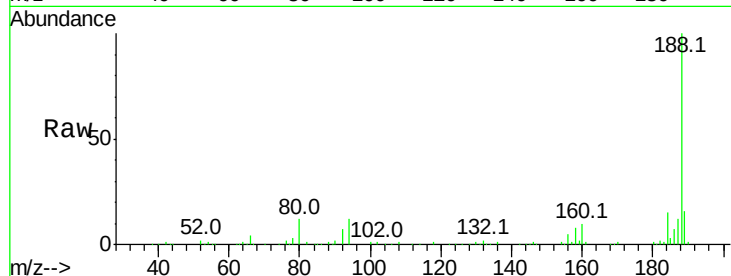




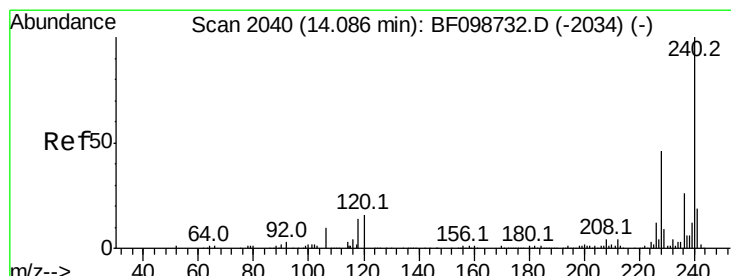
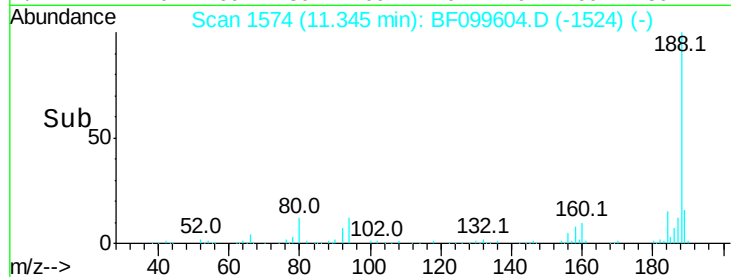
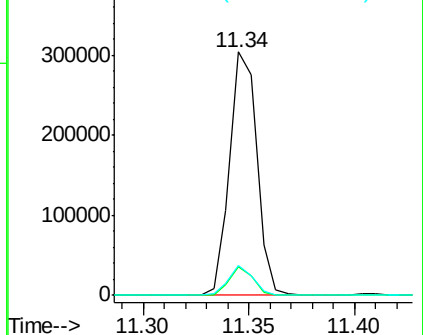
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099604.D
Acq: 18 Oct 2017 1:53

Instrument :
BNA_F
ClientSampleId :
20170686-FB

Tot Ion:188 Resp: 270691
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 9.2 13.8

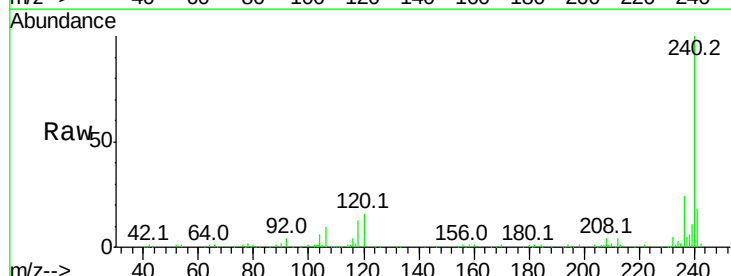


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

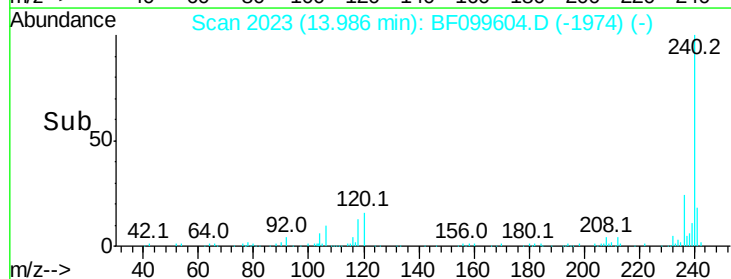
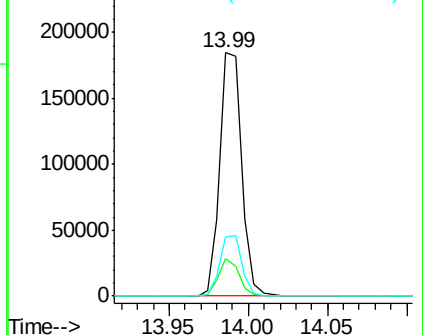


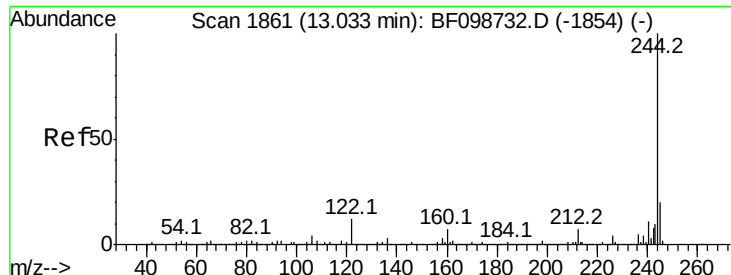
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099604.D
Acq: 18 Oct 2017 1:53

Tgt Ion:240 Resp: 177266
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 24.3 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: 85.433 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF099604.D

Acq: 18 Oct 2017 1:53

Instrument :

BNA_F

ClientSampleId :

20170686-FB

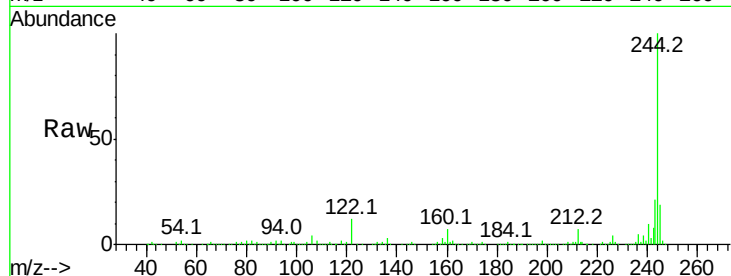
Tot Ion:244 Resp: 665923

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

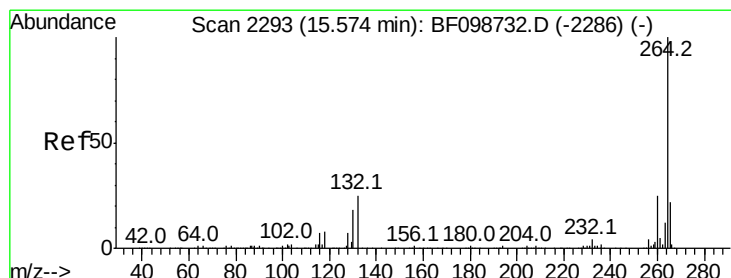
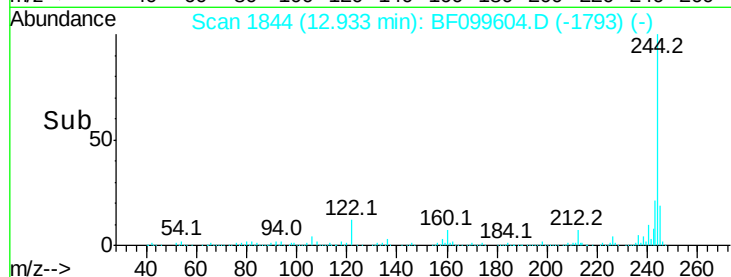
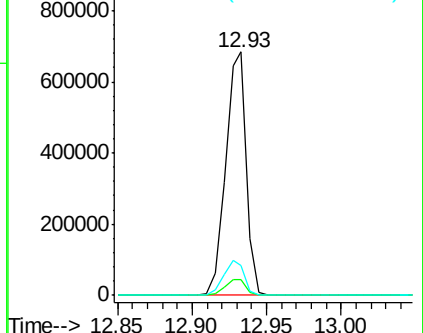
122 12.0 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF099604.D

Acq: 18 Oct 2017 1:53

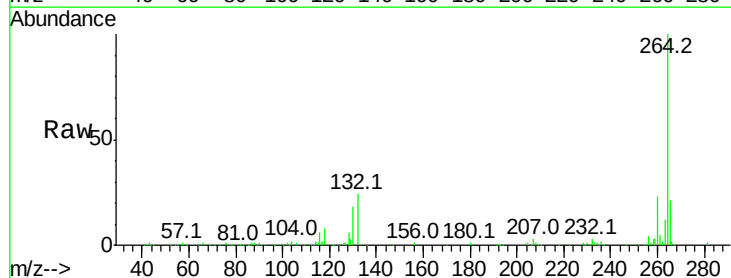
Tgt Ion:264 Resp: 193203

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.3 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

