

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099433.D
 Acq On : 13 Oct 2017 10:38
 Operator : SJ/JU
 Sample : I5775-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

Quant Time: Oct 13 14:51:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111521	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	445670	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	175174	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	257583	20.00	ng	0.00
75) Chrysene-d12	14.02	240	206009	20.00	ng	0.00
86) Perylene-d12	15.49	264	155529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	775295	110.67	ng	0.02
7) Phenol-d6	6.49	99	813260	94.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	606412	87.26	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	168581	117.61	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1073900	102.34	ng	0.00
78) Terphenyl-d14	12.96	244	756475	83.51	ng	0.00

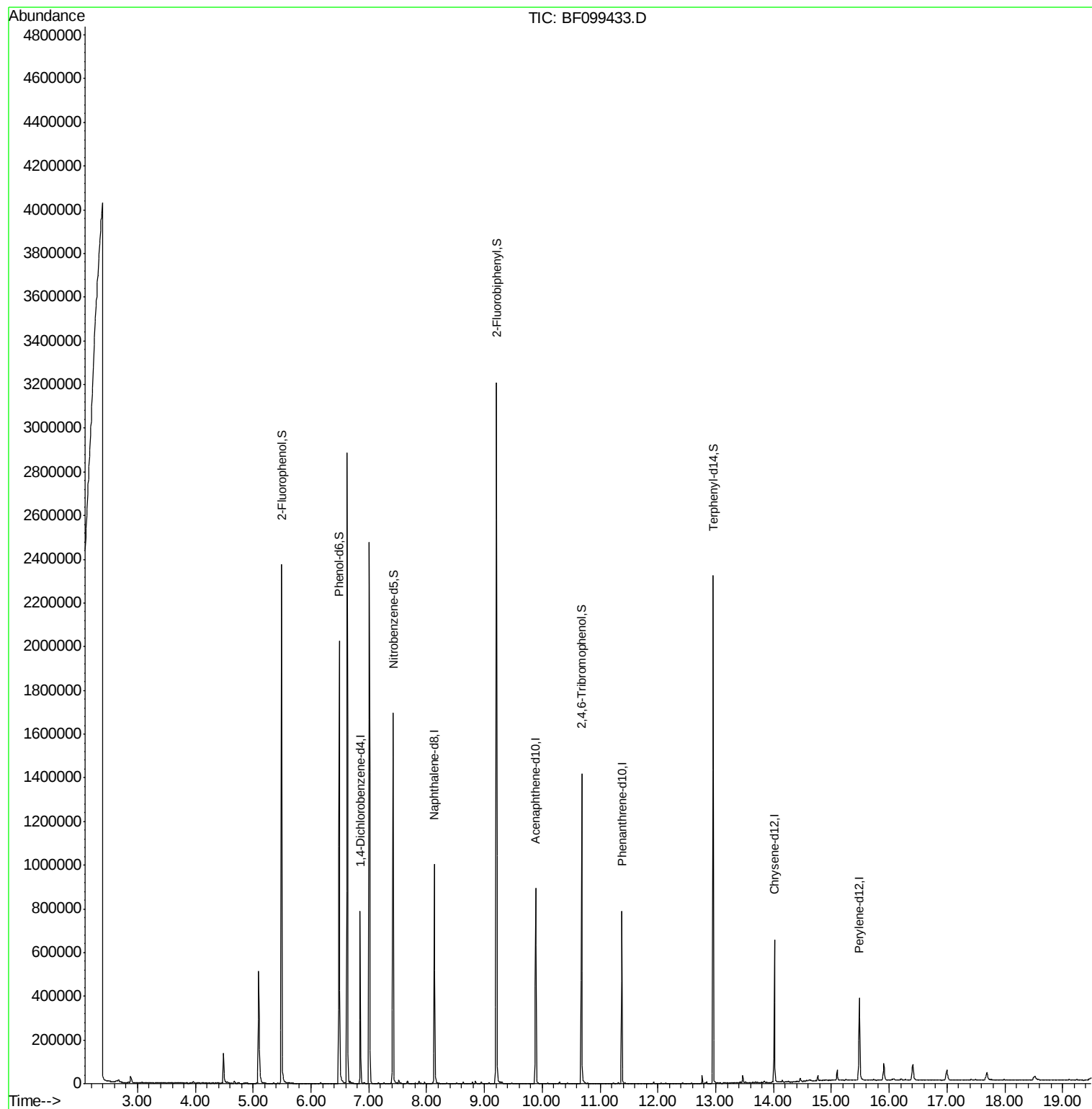
Target Compounds Qvalue

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

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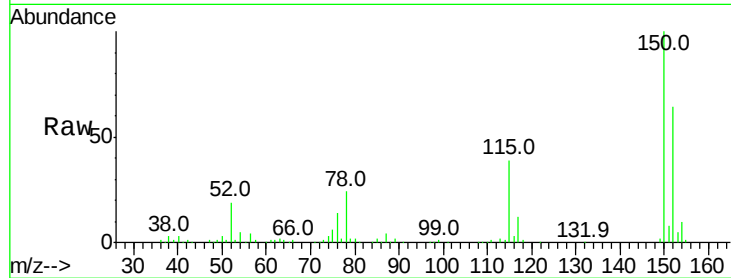


#1

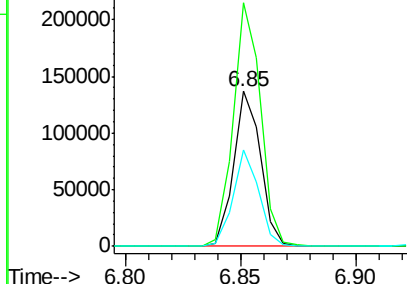
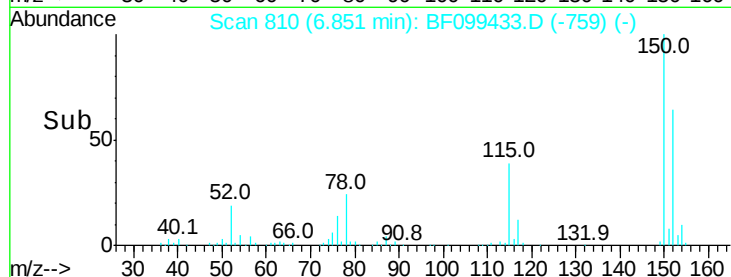
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099433.D
 Acq: 13 Oct 2017 10:38

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

Tot Ion:152 Resp: 111521
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 61.8 50.1 75.1



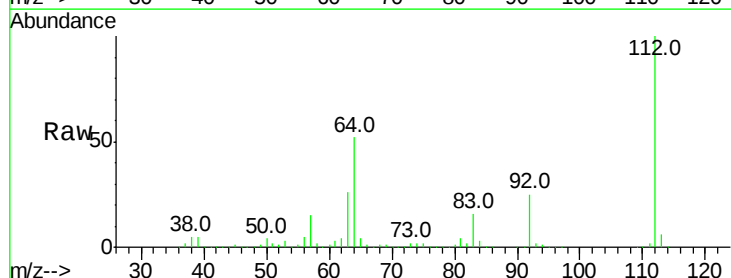
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



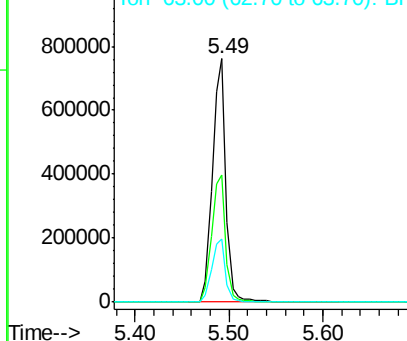
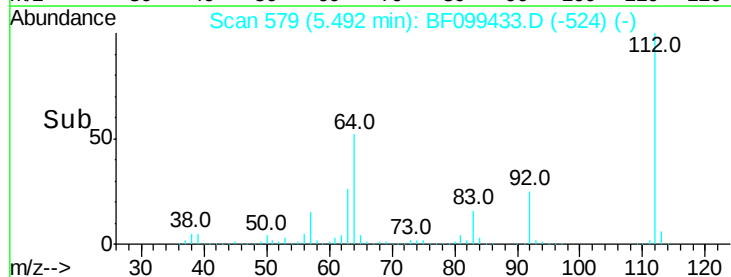
#5

2-Fluorophenol
 Concen: 110.669 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF099433.D
 Acq: 13 Oct 2017 10:38

Tgt Ion:112 Resp: 775295
 Ion Ratio Lower Upper
 112 100
 64 52.3 47.9 71.9
 63 26.1 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: 94.104 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099433.D

Acq: 13 Oct 2017 10:38

Instrument :

BNA_F

ClientSampleId :

SU-04-101017

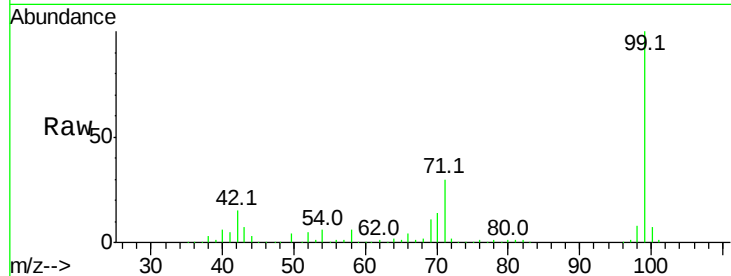
Tot Ion: 99 Resp: 813260

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

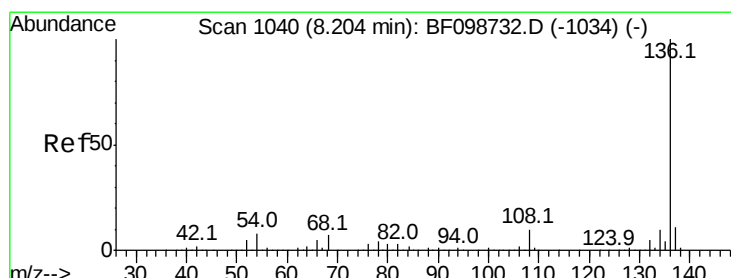
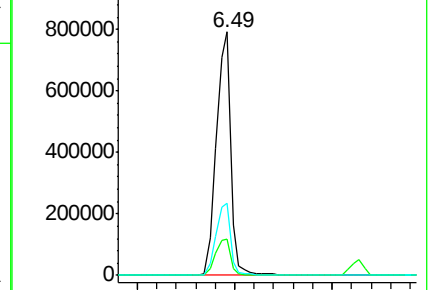
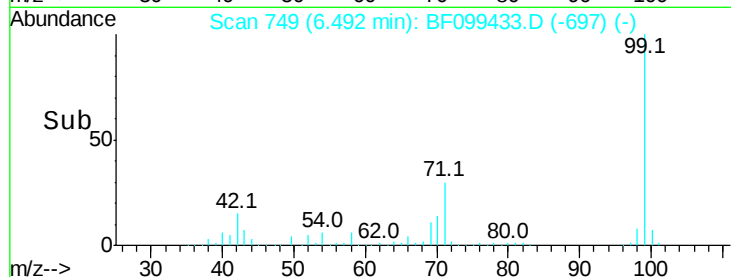
71 29.9 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099433.D

Acq: 13 Oct 2017 10:38

Tgt Ion: 136 Resp: 445670

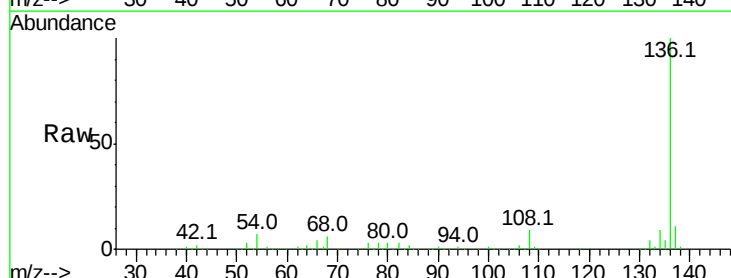
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.1 6.6 9.8

68 5.8 5.0 7.4

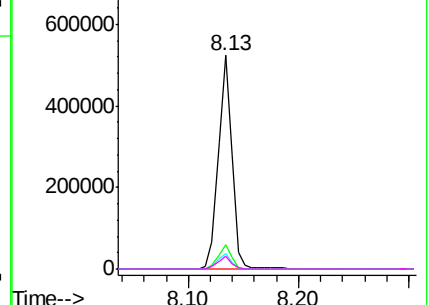
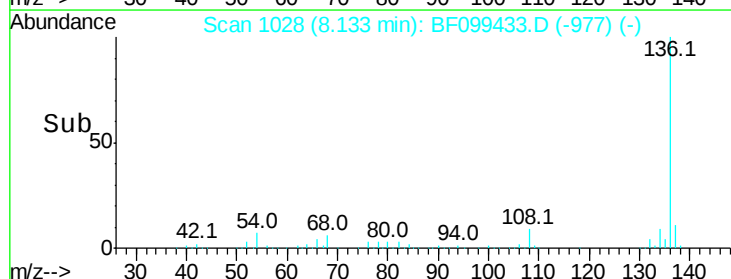


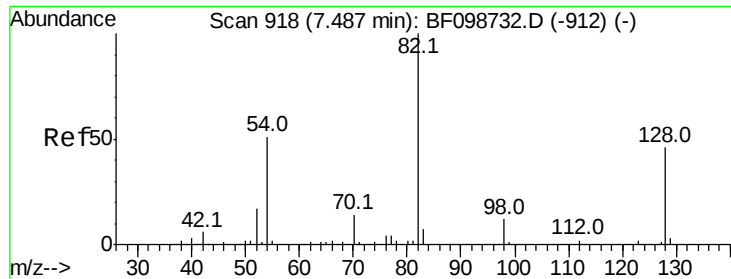
Abundance Ion 136.00 (135.70 to 136.70): E

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

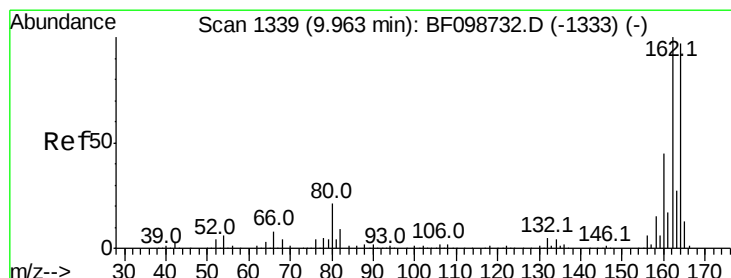
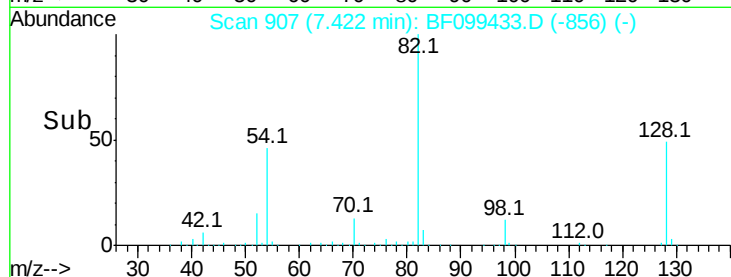
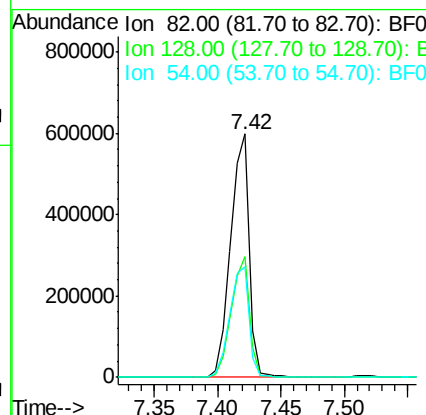
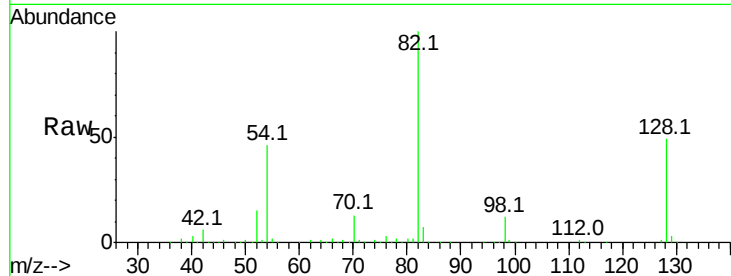




#23
 Nitrobenzene-d5
 Concen: 87.260 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099433.D
 Acq: 13 Oct 2017 10:38

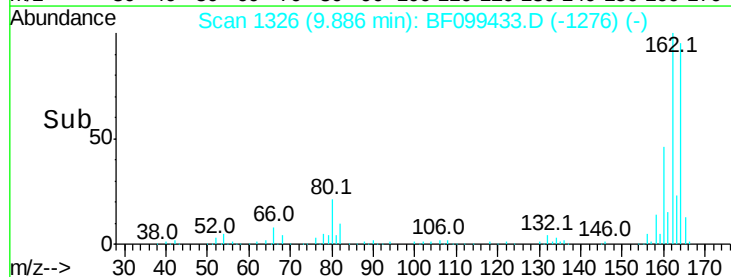
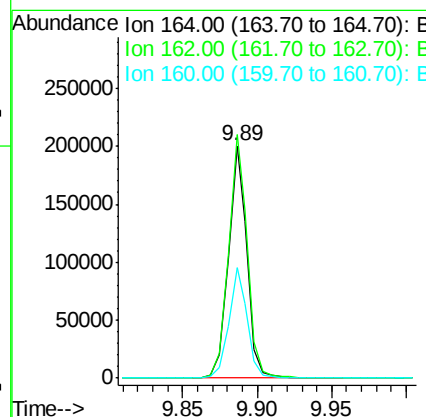
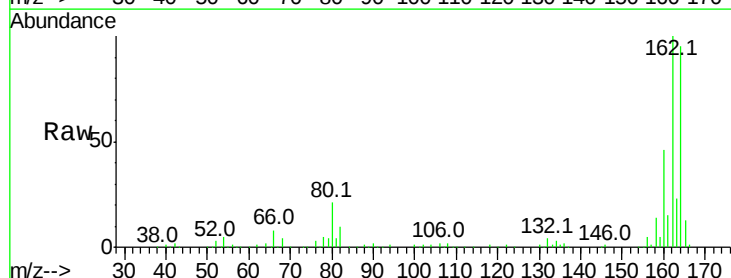
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

Tot Ion	82	Resp	606412
Ion Ratio	100	Lower	Upper
128	49.5	36.1	54.1
54	45.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099433.D
 Acq: 13 Oct 2017 10:38

Tgt Ion	164	Resp	175174
Ion Ratio	100	Lower	Upper
162	104.7	86.1	129.1
160	47.7	38.3	57.5

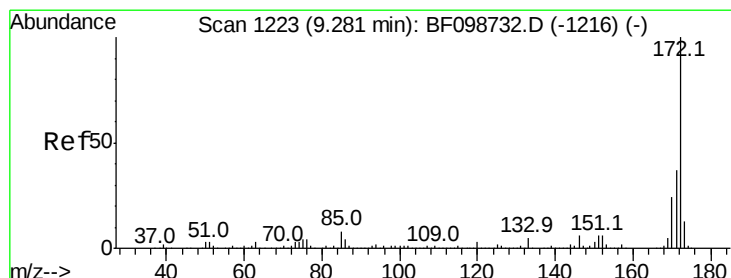
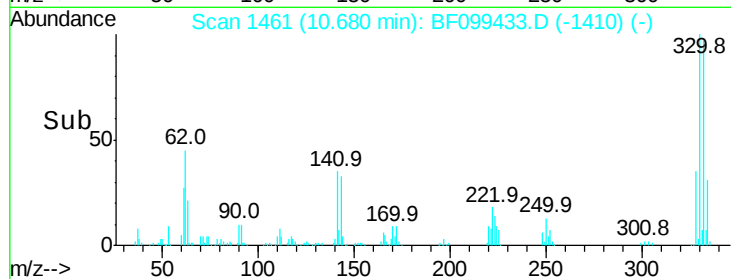
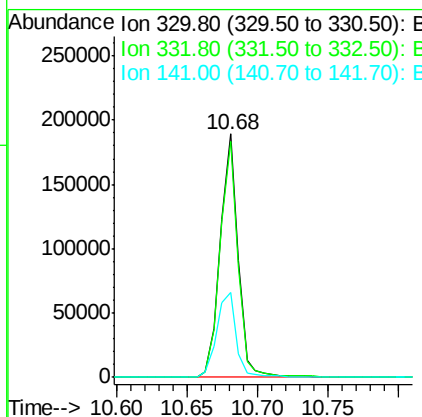
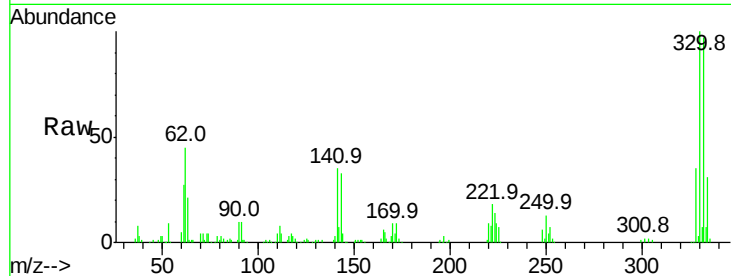




#41
 2,4,6-Tribromophenol
 Concen: 117.609 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099433.D
 Acq: 13 Oct 2017 10:38

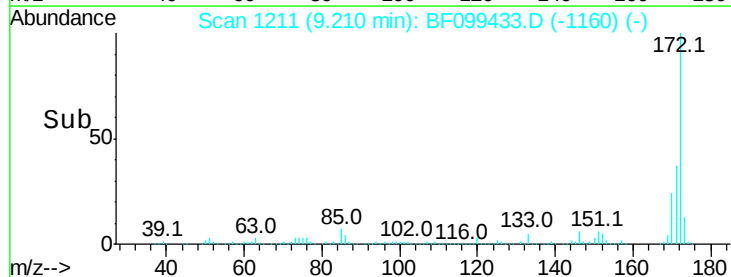
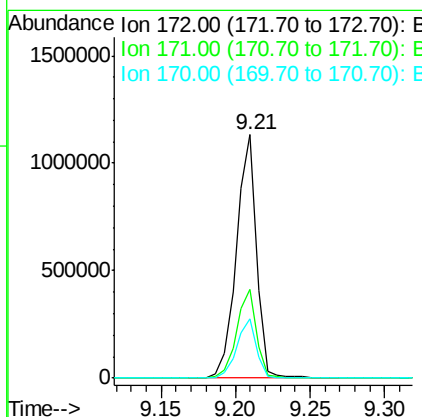
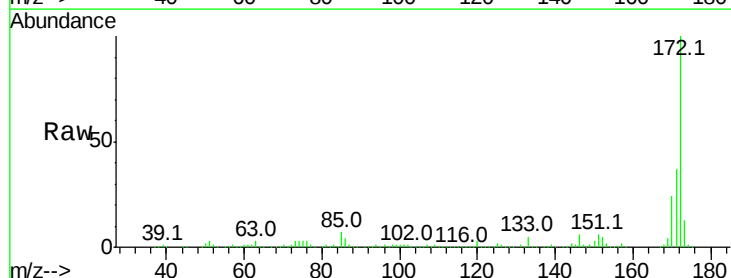
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017

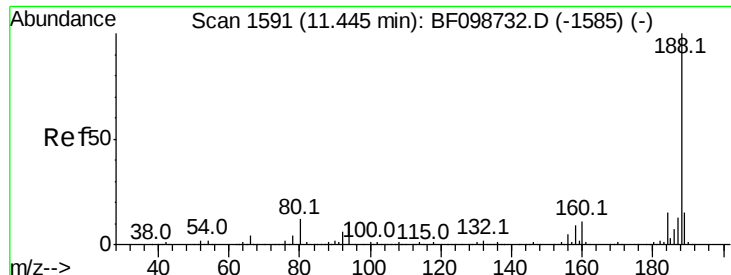
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	38.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.343 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099433.D
 Acq: 13 Oct 2017 10:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4

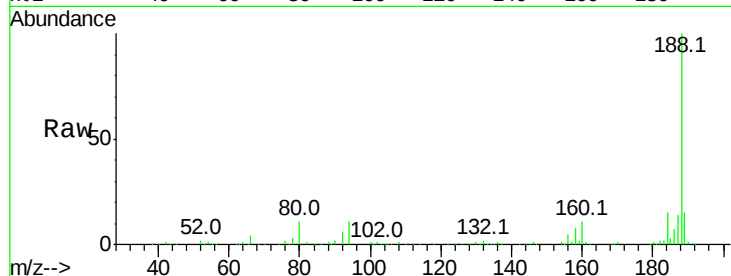




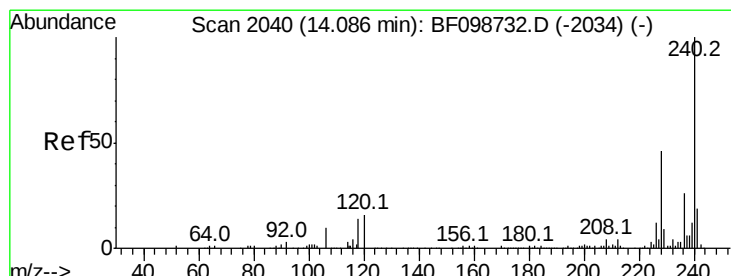
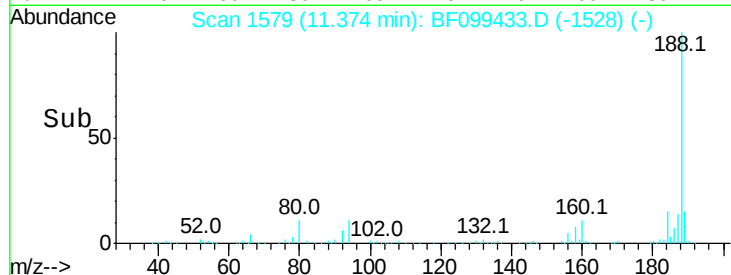
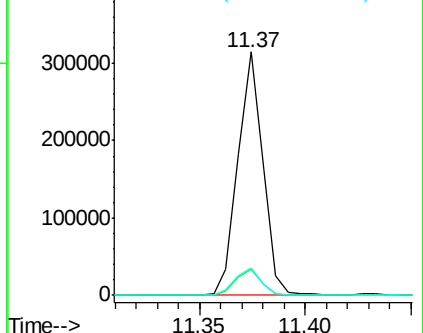
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Instrument :
BNA_F
ClientSampleId :
SU-04-101017

Tot Ion:188 Resp: 257583
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.2 9.2 13.8

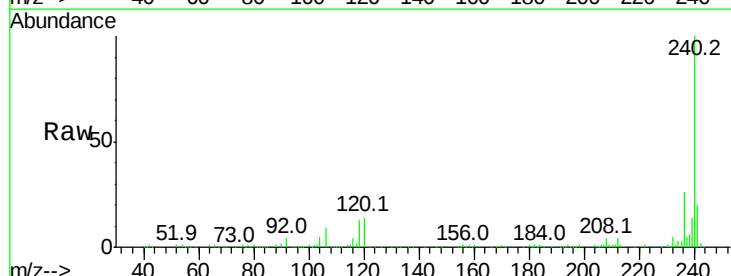


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

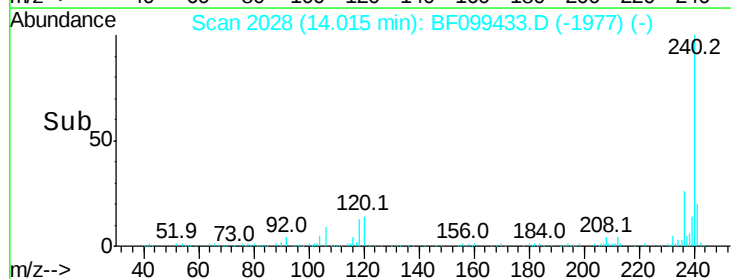
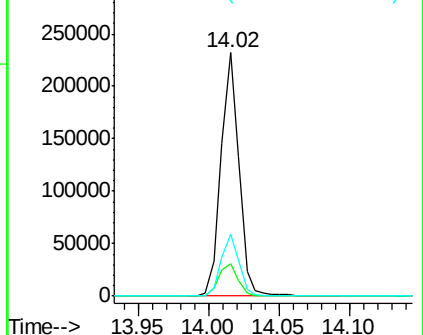


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099433.D
Acq: 13 Oct 2017 10:38

Tgt Ion:240 Resp: 206009
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.5 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: 83.510 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099433.D

Acq: 13 Oct 2017 10:38

Instrument :

BNA_F

ClientSampleId :

SU-04-101017

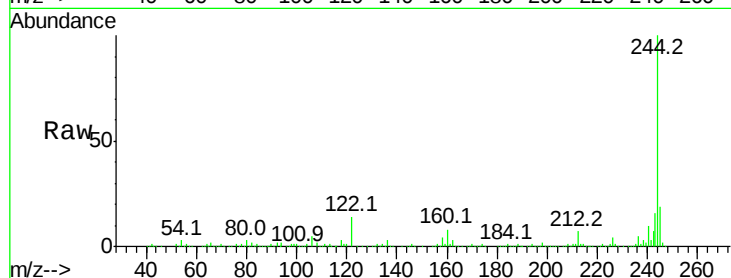
Tot Ion:244 Resp: 756475

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

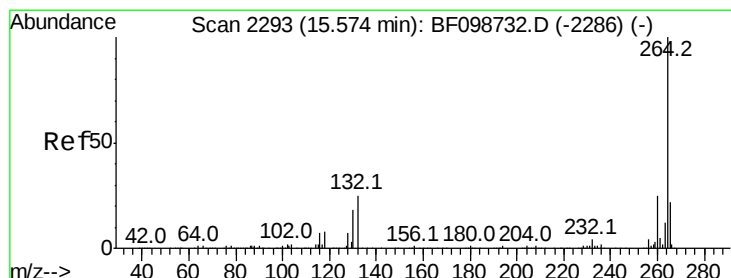
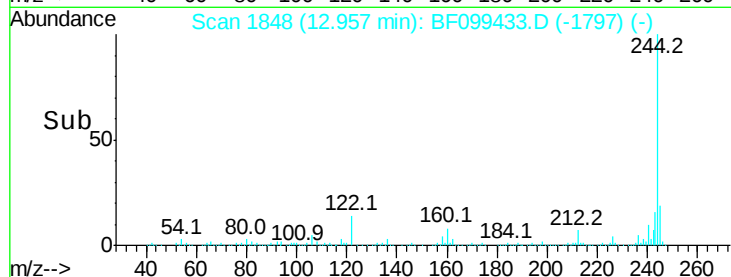
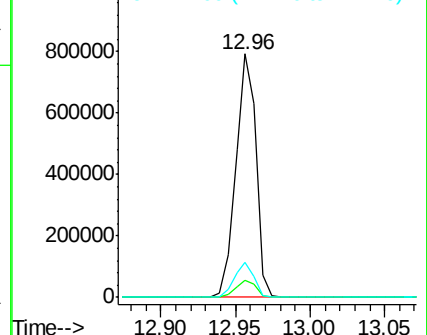
122 14.3 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099433.D

Acq: 13 Oct 2017 10:38

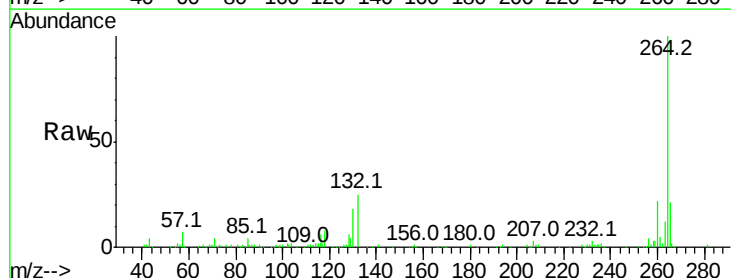
Tgt Ion:264 Resp: 155529

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.6 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

