

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099355.D
 Acq On : 11 Oct 2017 20:11
 Operator : SJ/JU
 Sample : PB103175BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103175BL

Quant Time: Oct 12 01:17:05 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	111593	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	456624	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	206954	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	380079	20.00	ng	0.00
75) Chrysene-d12	14.01	240	270396	20.00	ng	0.00
86) Perylene-d12	15.48	264	182596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	884058	126.11	ng	0.02
7) Phenol-d6	6.49	99	1062771	122.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	631312	88.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	232966	137.57	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1202261	96.98	ng	0.00
78) Terphenyl-d14	12.96	244	1068036	89.83	ng	0.00

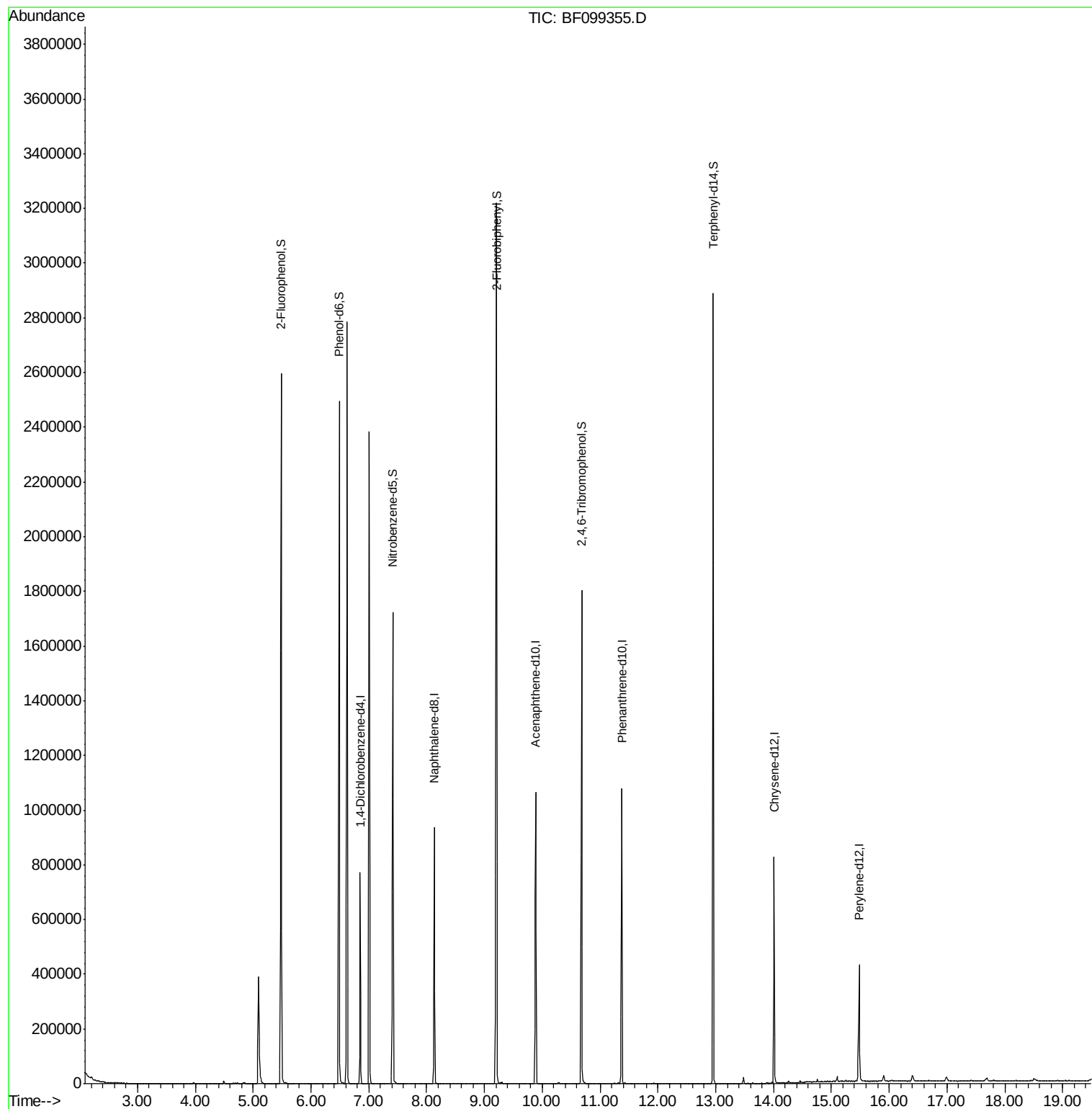
Target Compounds Qvalue

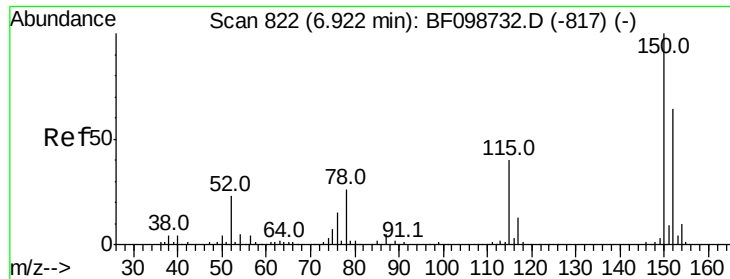
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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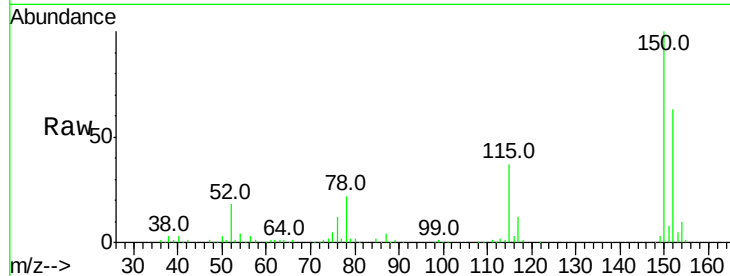


#1

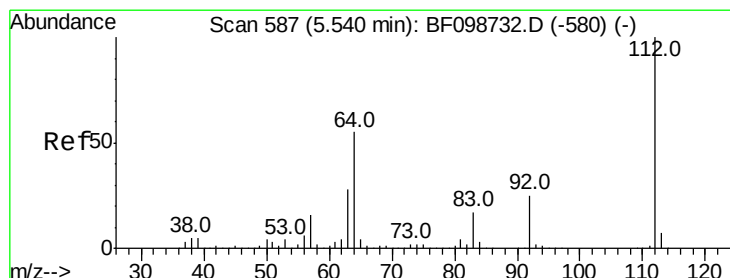
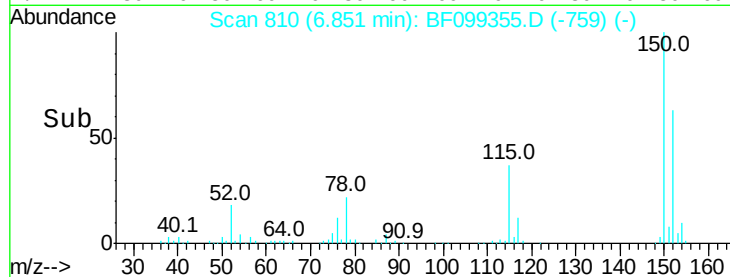
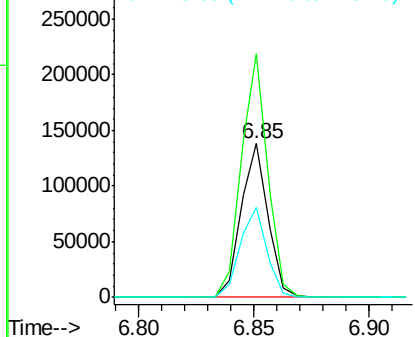
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Instrument :
BNA_F
ClientSampleId :
PB103175BL

Tot Ion:152 Resp: 111593
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 58.8 50.1 75.1



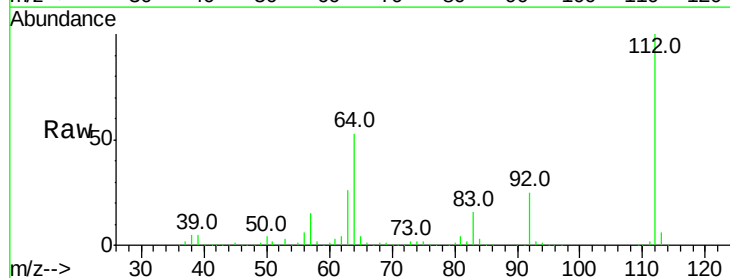
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



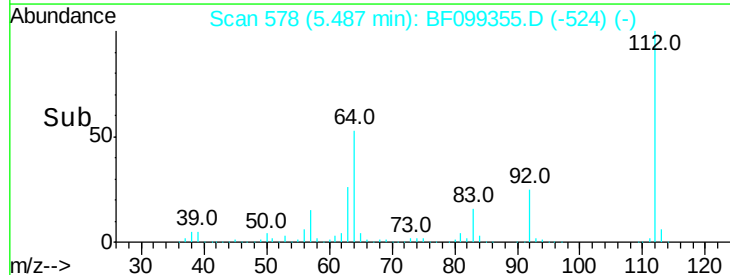
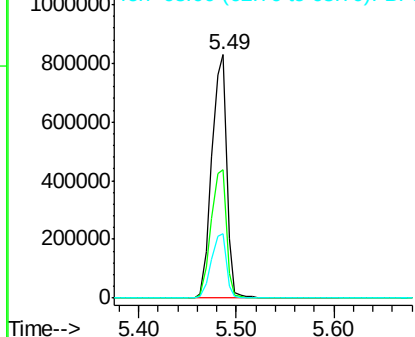
#5

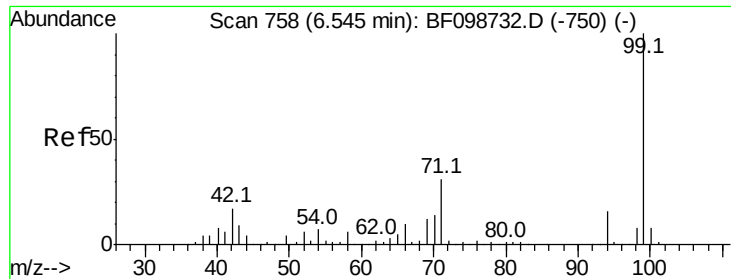
2-Fluorophenol
Concen: 126.113 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Tgt Ion:112 Resp: 884058
Ion Ratio Lower Upper
112 100
64 52.6 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: 122.897 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099355.D

Acq: 11 Oct 2017 20:11

Instrument :

BNA_F

ClientSampleId :

PB103175BL

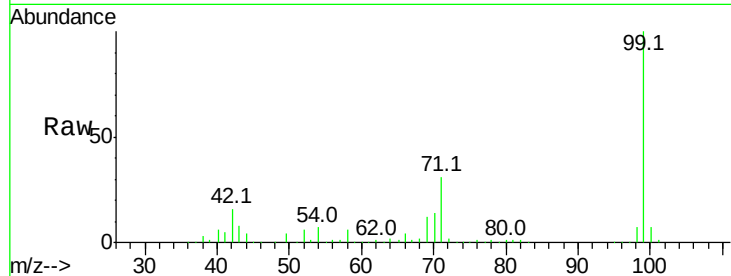
Tot Ion: 99 Resp: 1062771

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

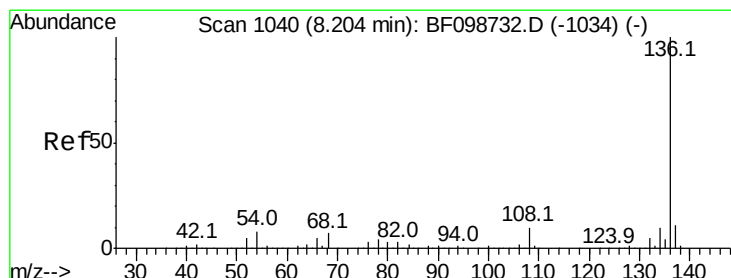
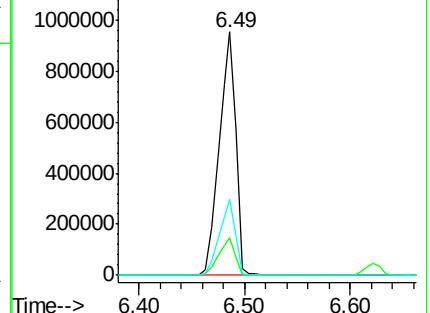
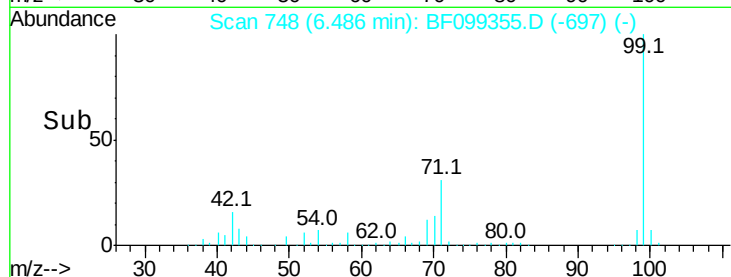
71 31.2 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099355.D

Acq: 11 Oct 2017 20:11

Tgt Ion: 136 Resp: 456624

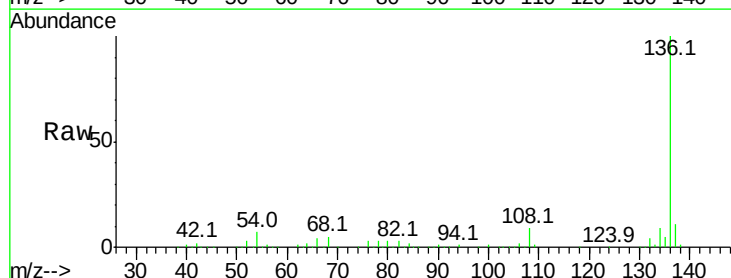
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.4 5.0 7.4

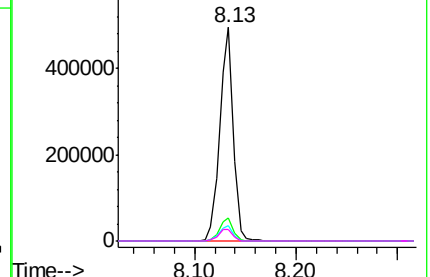
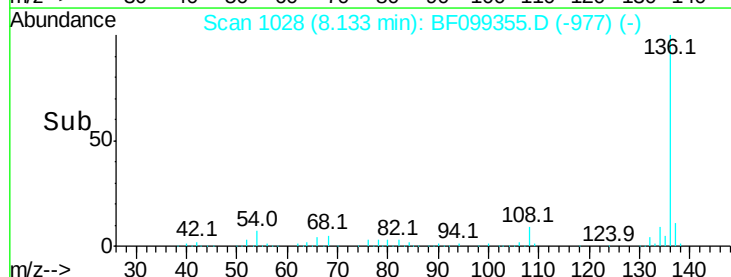


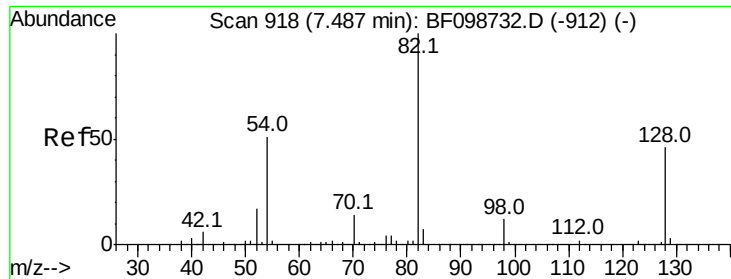
Abundance Ion 136.00 (135.70 to 136.70): E

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

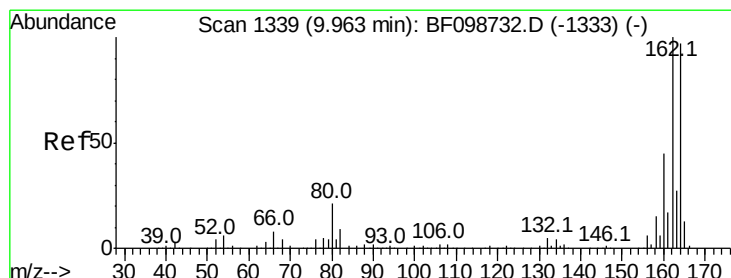
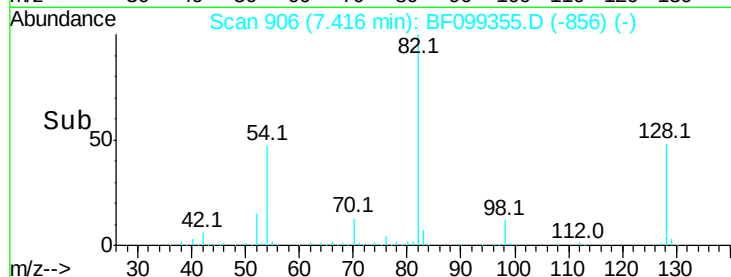
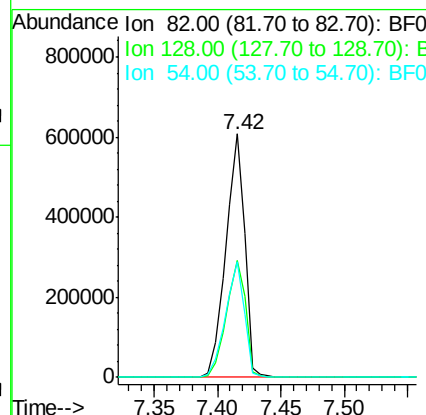
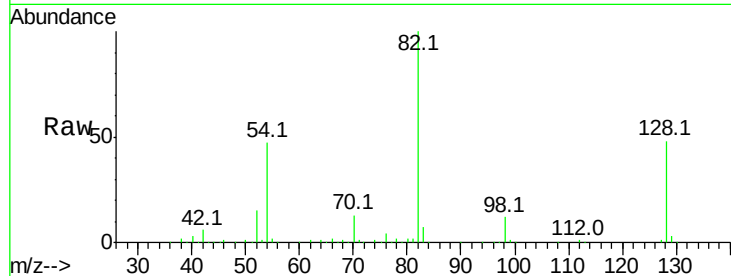




#23
 Nitrobenzene-d5
 Concen: 88.664 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

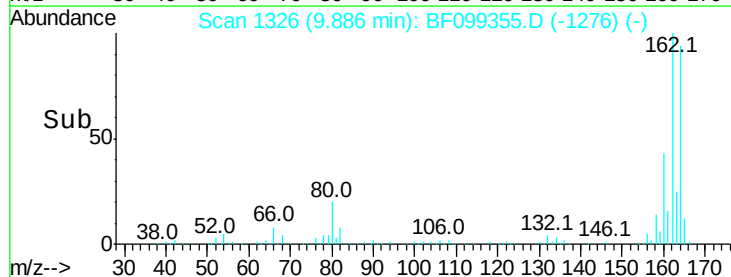
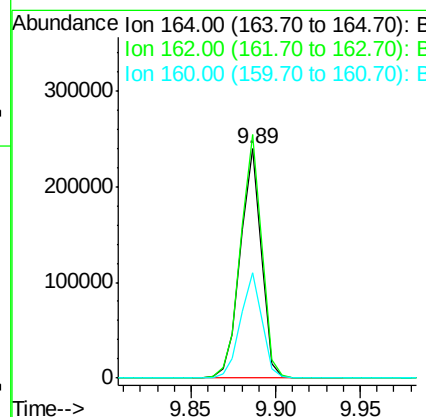
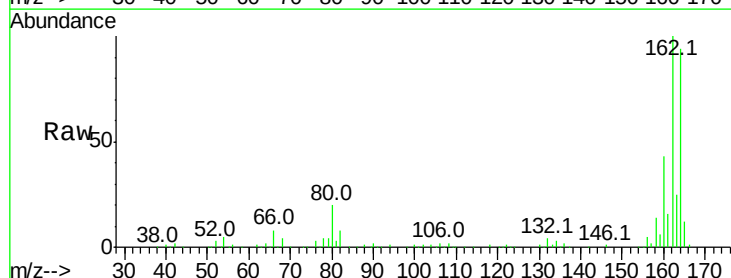
Instrument :
 BNA_F
 ClientSampleId :
 PB103175BL

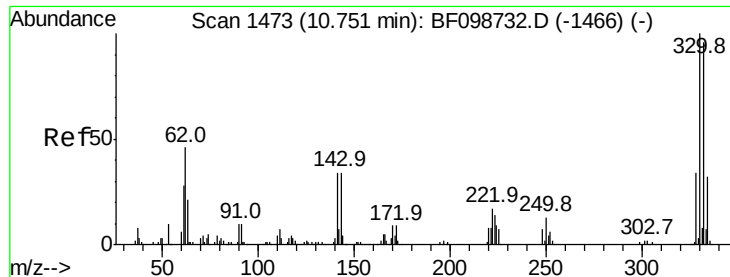
Tot Ion	82	Resp	631312
Ion Ratio	100	Lower	Upper
128	47.9	36.1	54.1
54	47.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Tgt Ion	164	Resp	206954
Ion Ratio	100	Lower	Upper
162	106.3	86.1	129.1
160	45.8	38.3	57.5

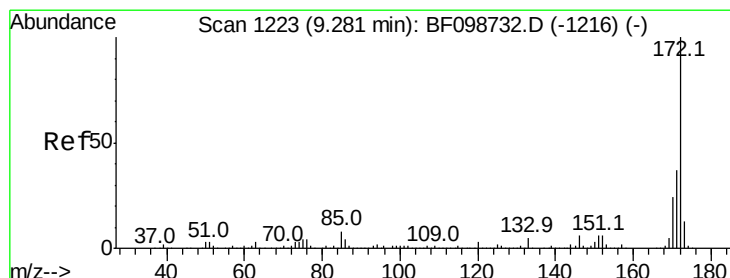
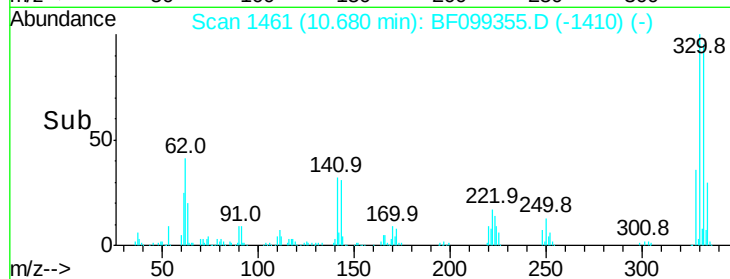
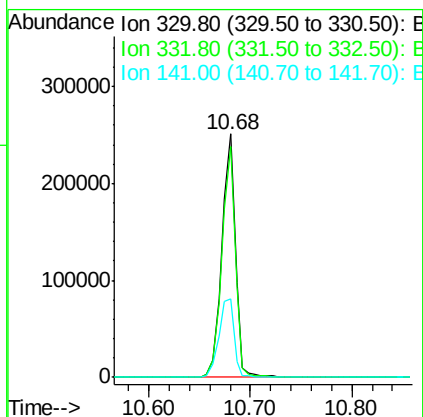
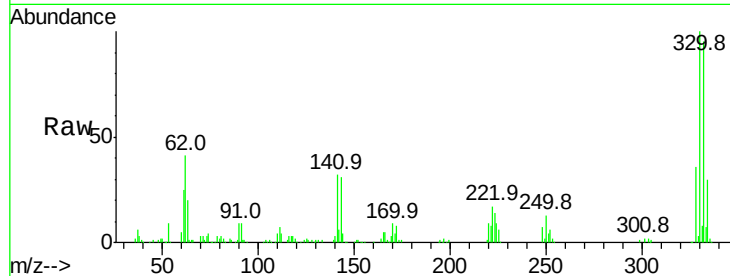




#41
 2,4,6-Tribromophenol
 Concen: 137.569 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

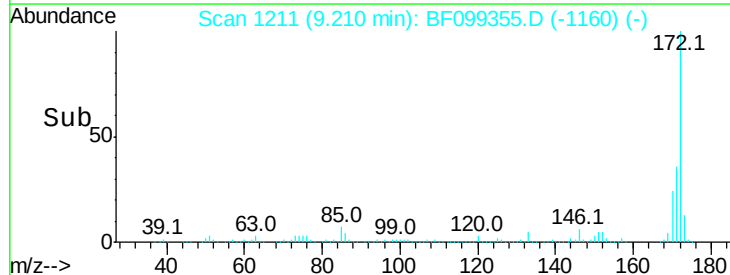
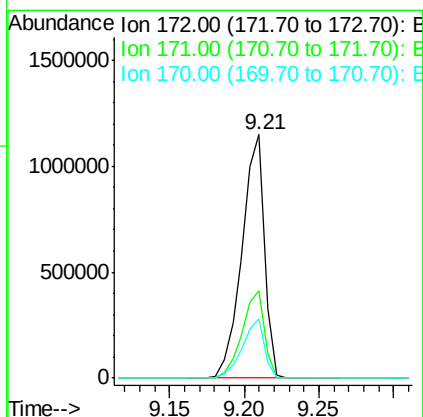
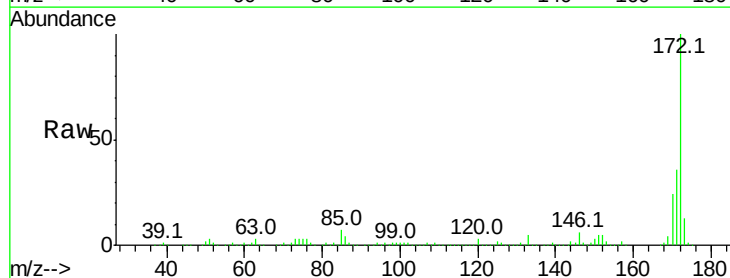
Instrument :
 BNA_F
 ClientSampleId :
 PB103175BL

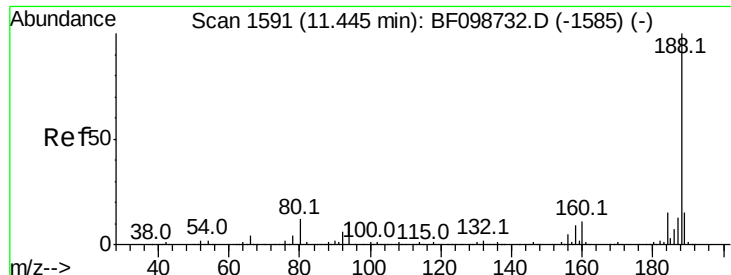
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	36.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.982 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

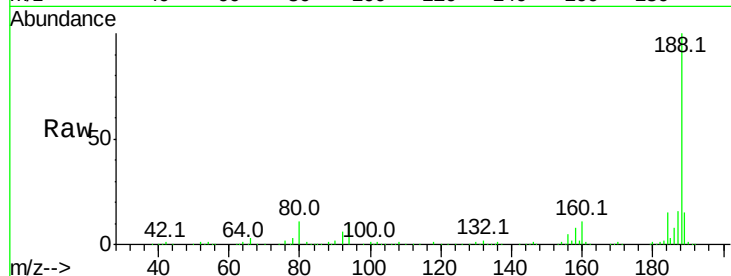




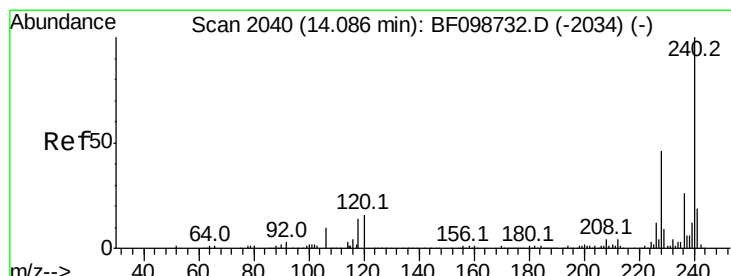
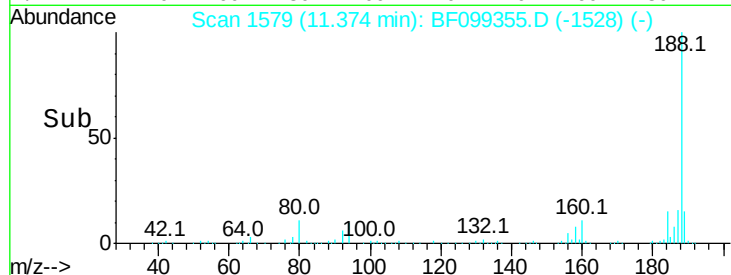
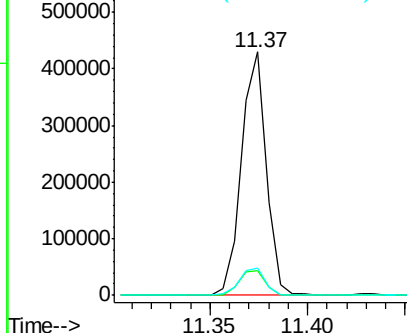
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Instrument :
BNA_F
ClientSampleId :
PB103175BL

Tot Ion:188 Resp: 380079
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.1 9.2 13.8

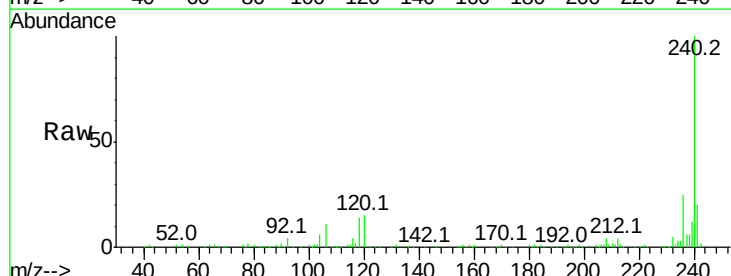


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

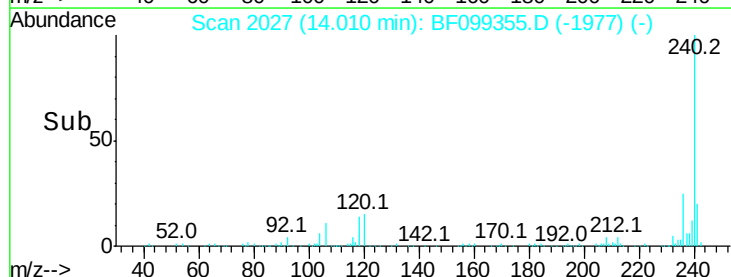
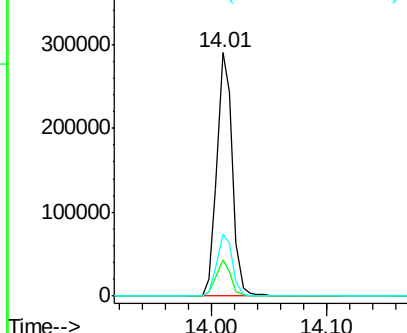


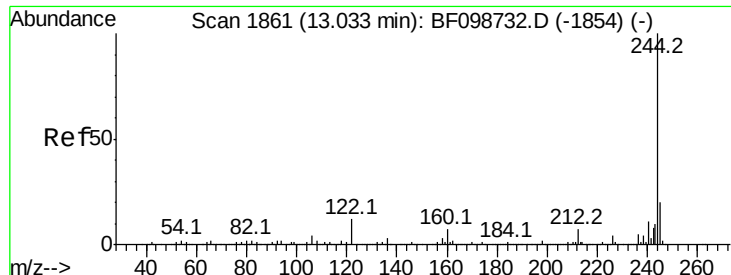
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Tgt Ion:240 Resp: 270396
Ion Ratio Lower Upper
240 100
120 15.0 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: 89.829 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099355.D

Acq: 11 Oct 2017 20:11

Instrument :

BNA_F

ClientSampleId :

PB103175BL

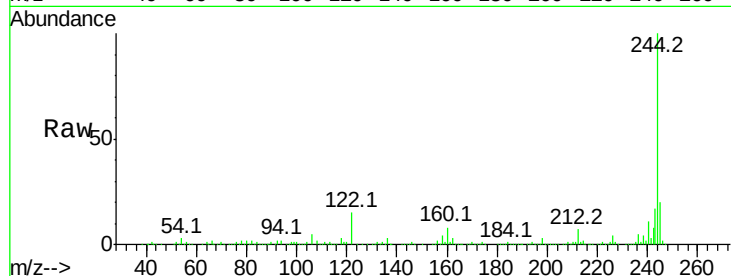
Tot Ion:244 Resp: 1068036

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

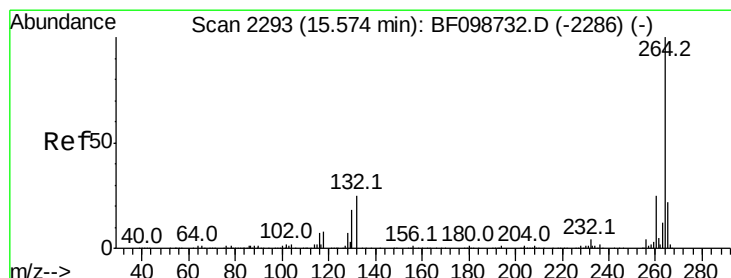
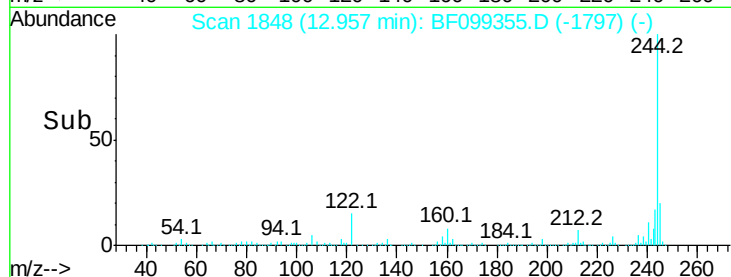
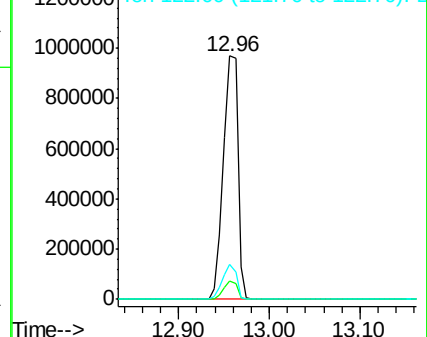
122 14.5 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099355.D

Acq: 11 Oct 2017 20:11

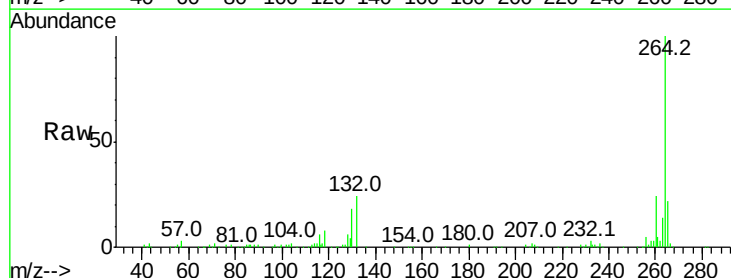
Tgt Ion:264 Resp: 182596

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 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

