

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099536.D
 Acq On : 16 Oct 2017 11:26
 Operator : SJ/JU
 Sample : PB103261BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103261BL

Quant Time: Oct 16 23:40:20 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	87720	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	365636	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	167281	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	299018	20.00	ng	0.00
75) Chrysene-d12	14.01	240	243085	20.00	ng	0.00
86) Perylene-d12	15.49	264	197106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	665221	120.72	ng	0.00
7) Phenol-d6	6.48	99	790133	116.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	470459	82.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	167233	122.17	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	913347	91.15	ng	-0.01
78) Terphenyl-d14	12.96	244	799638	74.81	ng	0.00

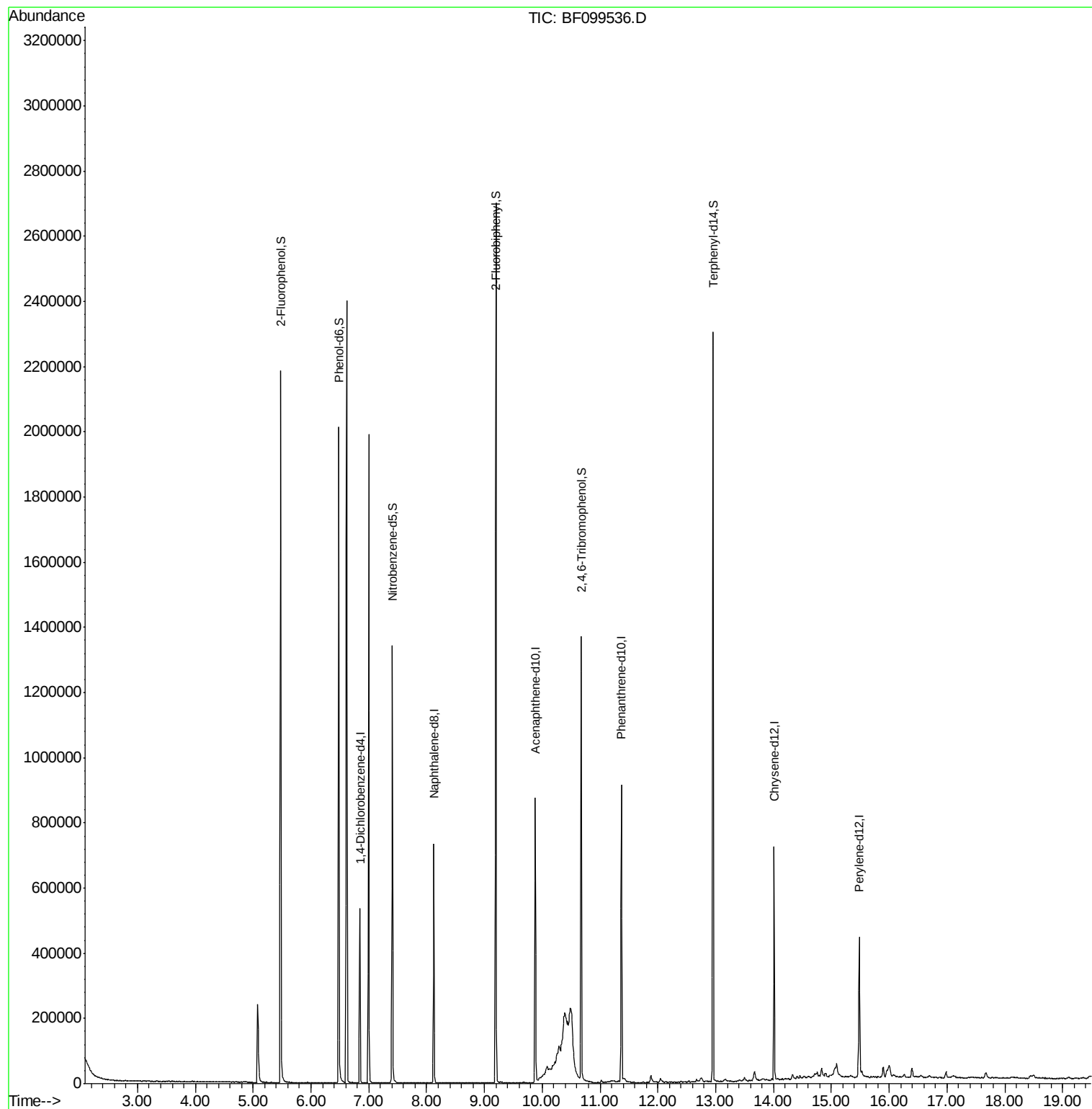
Target Compounds Qvalue

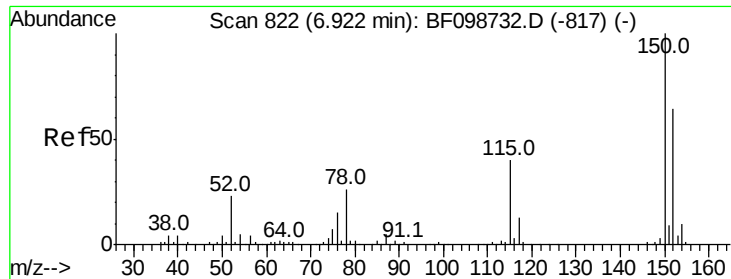
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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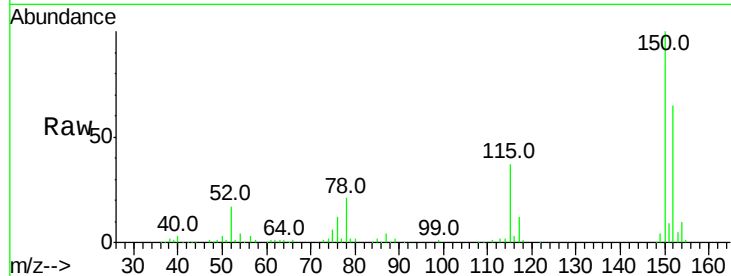


#1

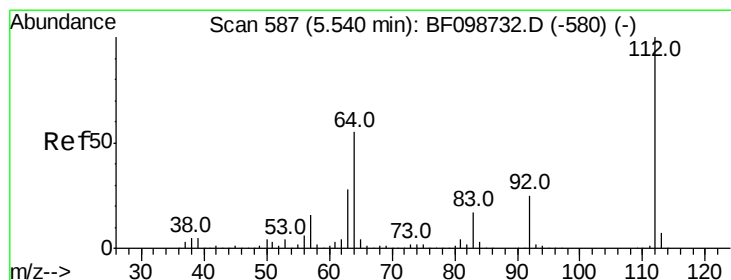
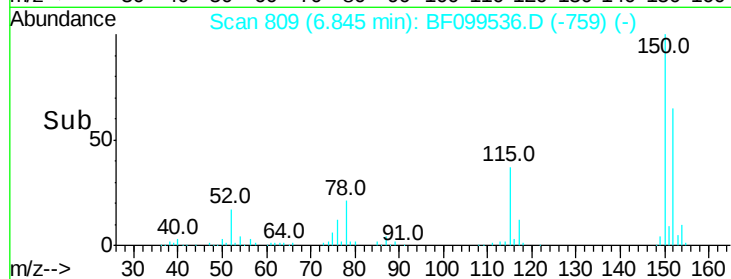
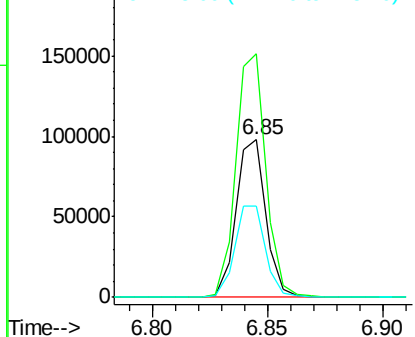
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

Instrument :
BNA_F
ClientSampleId :
PB103261BL

Tot Ion:152 Resp: 87720
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 57.9 50.1 75.1



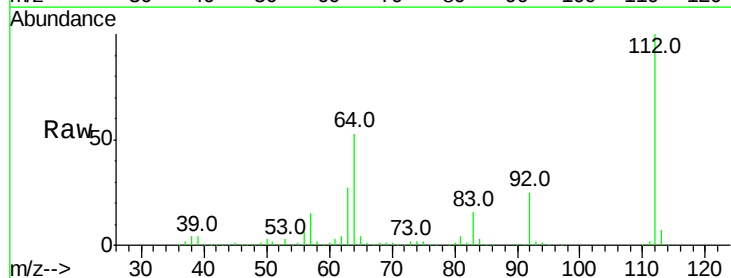
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



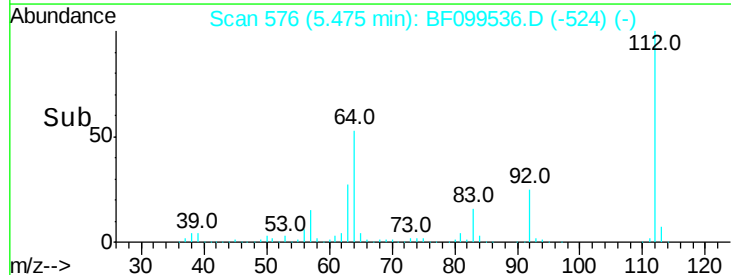
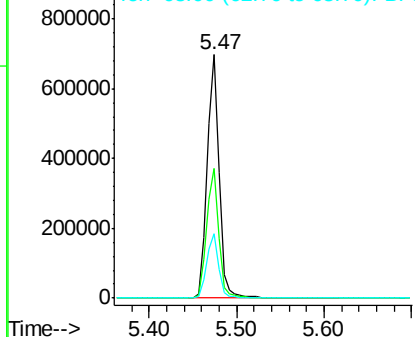
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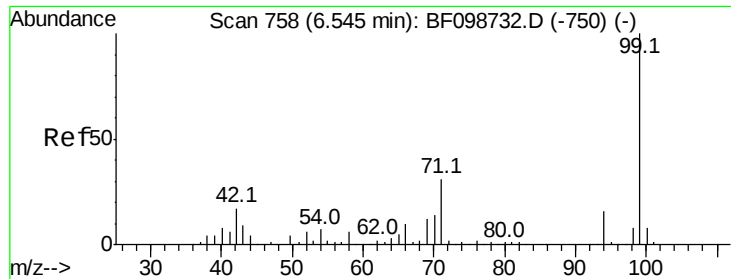
2-Fluorophenol
Concen: 120.721 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

Tgt Ion:112 Resp: 665221
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 26.5 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: 116.235 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB103261BL

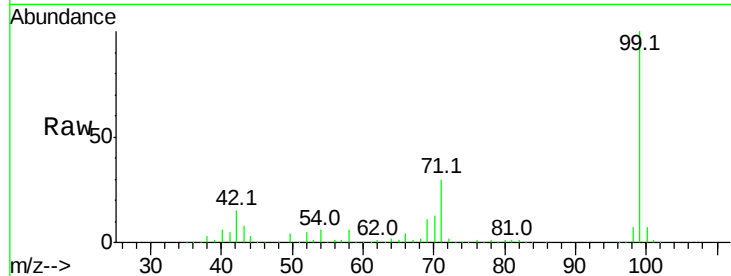
Tot Ion: 99 Resp: 790133

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

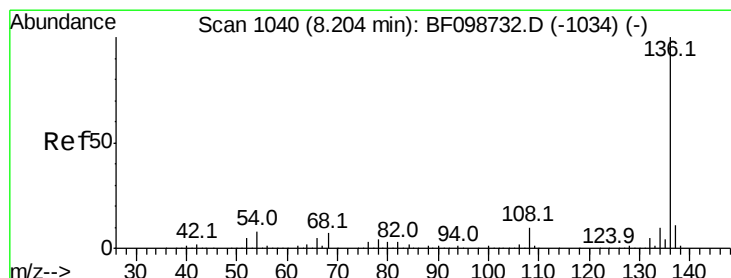
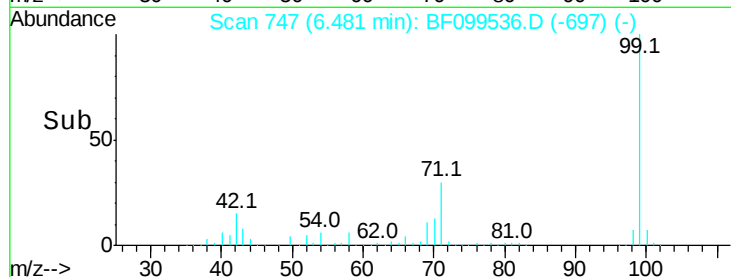
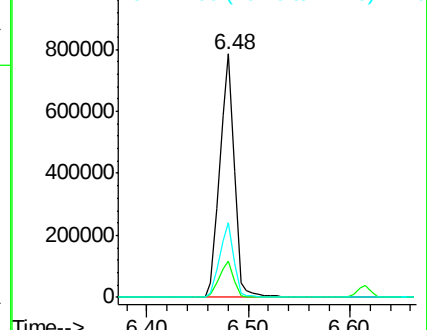
71 30.5 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

Tgt Ion: 136 Resp: 365636

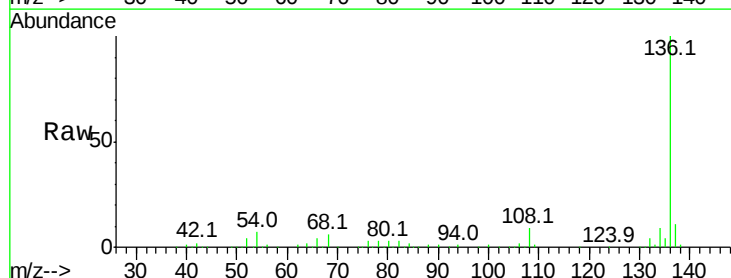
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 6.1 5.0 7.4

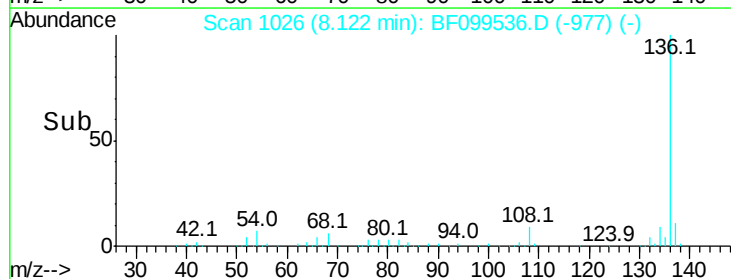
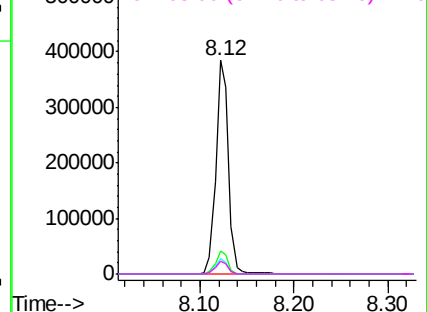


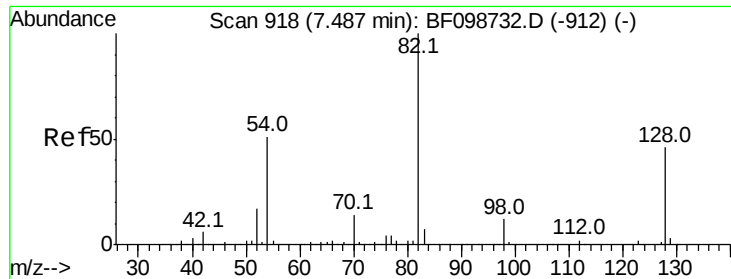
Abundance Ion 136.00 (135.70 to 136.70): E

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

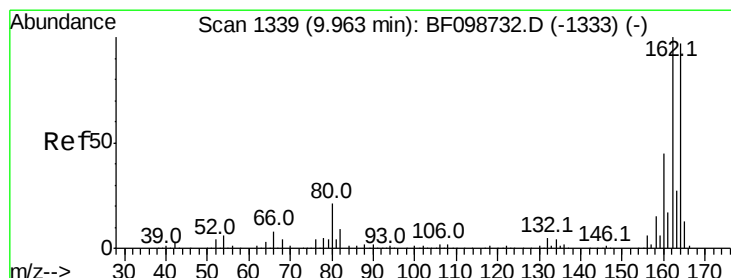
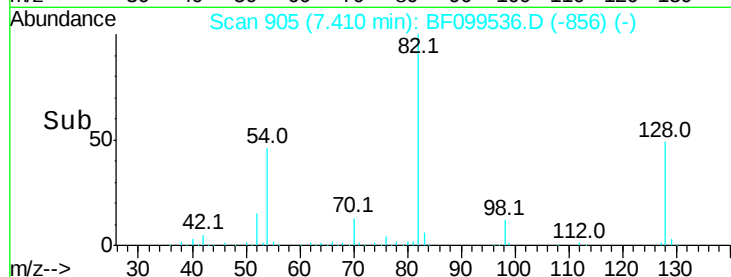
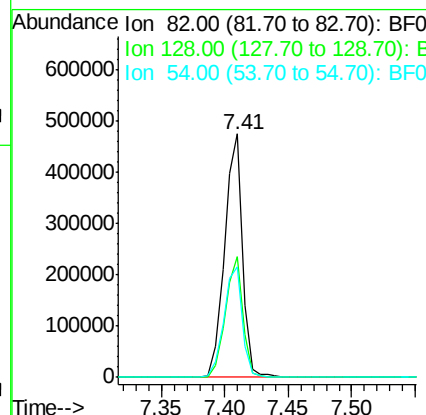
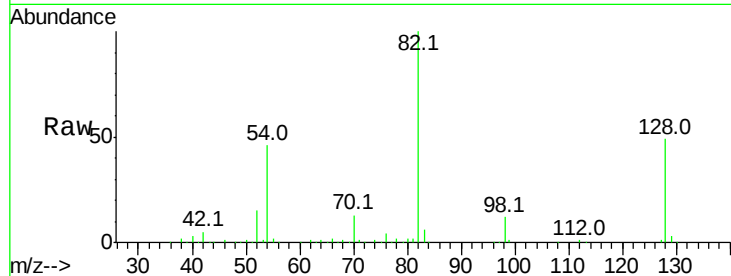




#23
 Nitrobenzene-d5
 Concen: 82.515 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

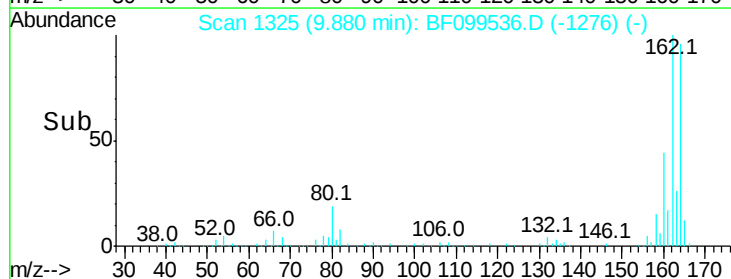
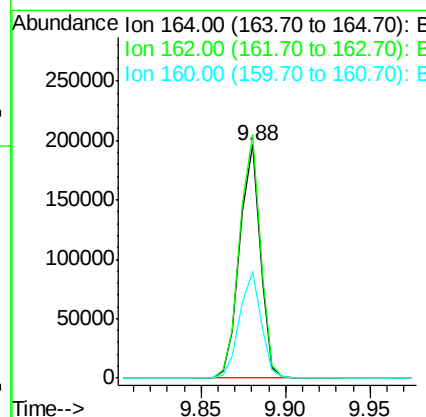
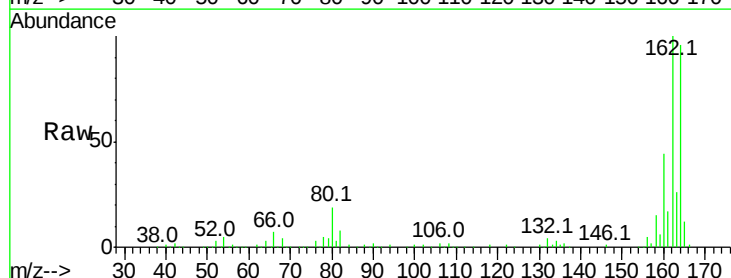
Instrument :
 BNA_F
 ClientSampleId :
 PB103261BL

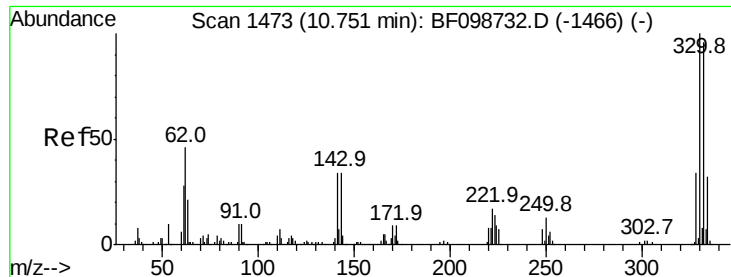
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	45.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.0	38.3	57.5

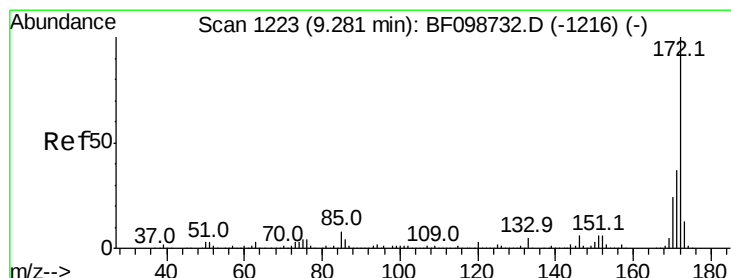
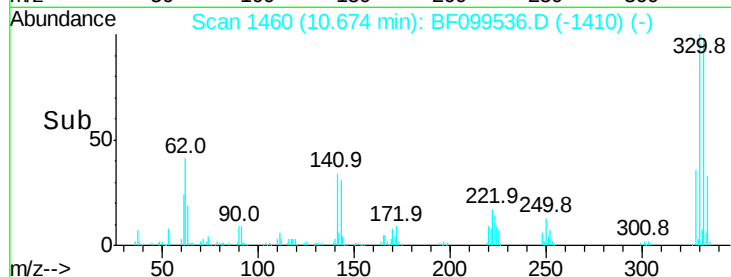
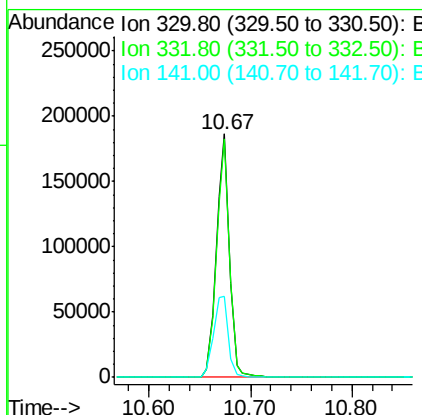
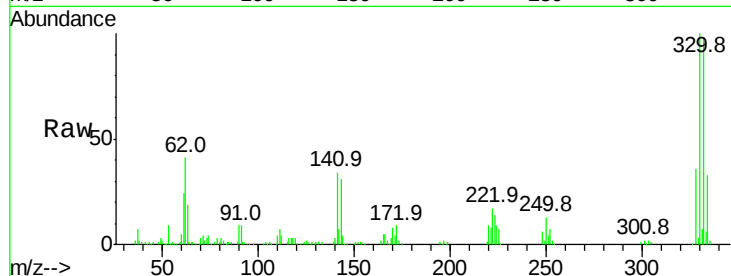




#41
 2,4,6-Tribromophenol
 Concen: 122.174 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

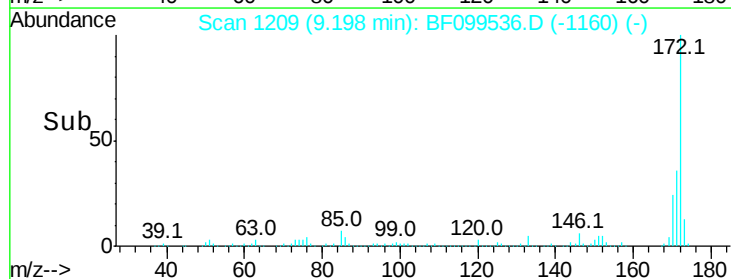
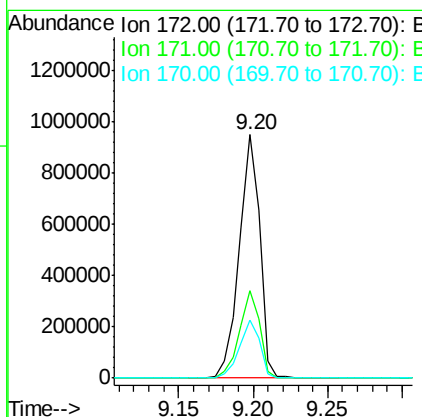
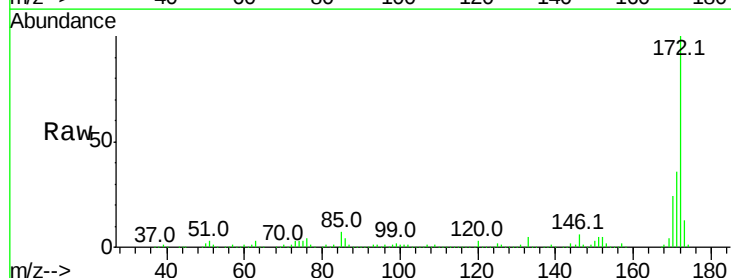
Instrument :
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 ClientSampleId :
 PB103261BL

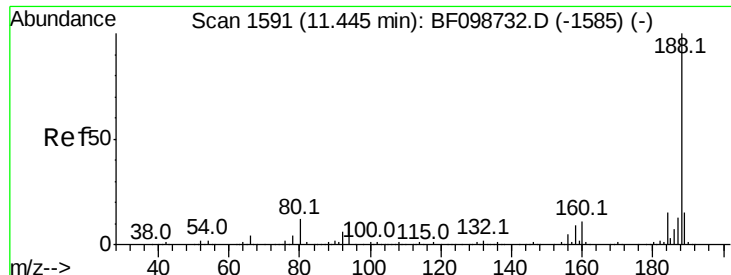
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.149 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099536.D
 Acq: 16 Oct 2017 11:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

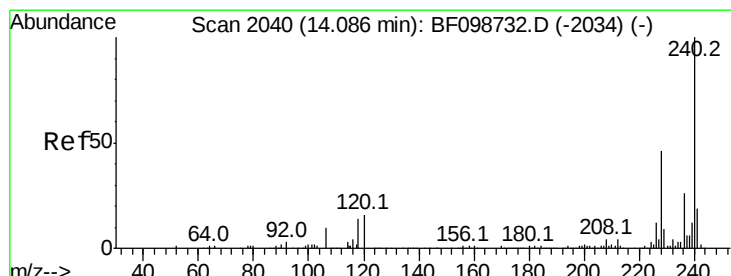
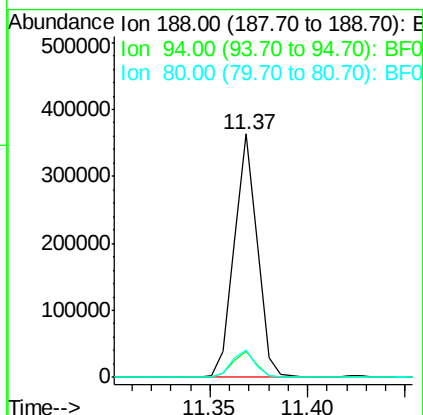
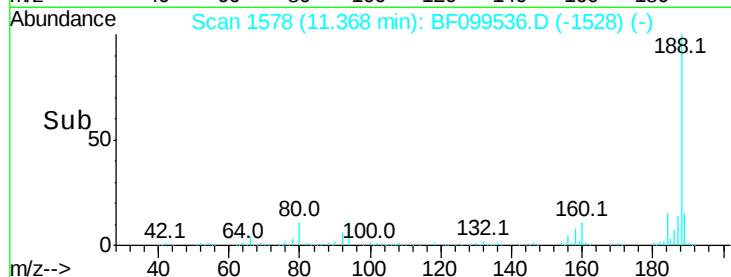
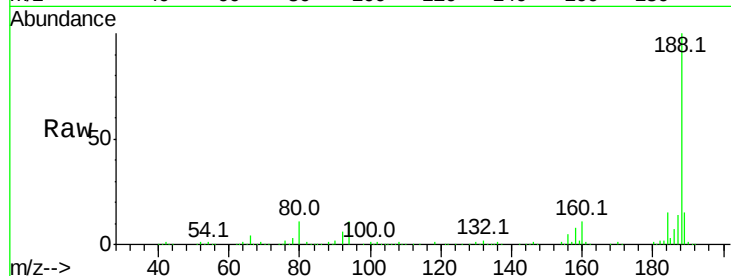




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

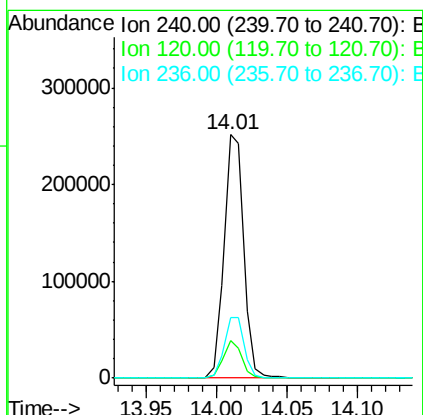
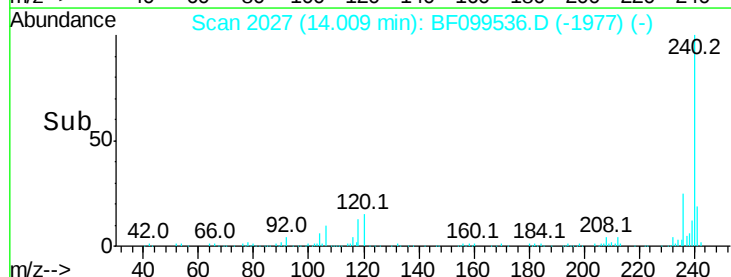
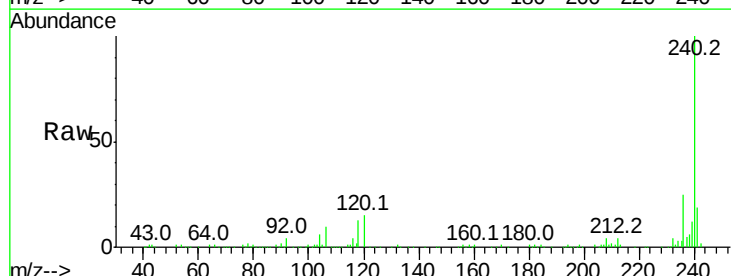
Instrument :
BNA_F
ClientSampleId :
PB103261BL

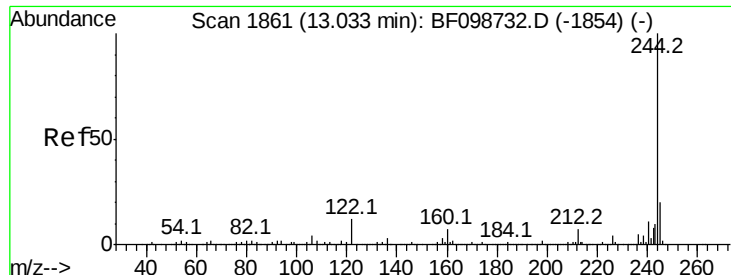
Tot Ion:188 Resp: 299018
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099536.D
Acq: 16 Oct 2017 11:26

Tgt Ion:240 Resp: 243085
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 24.8 20.7 31.1





#78

Terphenyl-d14

Concen: 74.811 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099536.D

Acq: 16 Oct 2017 11:26

Instrument :

BNA_F

ClientSampleId :

PB103261BL

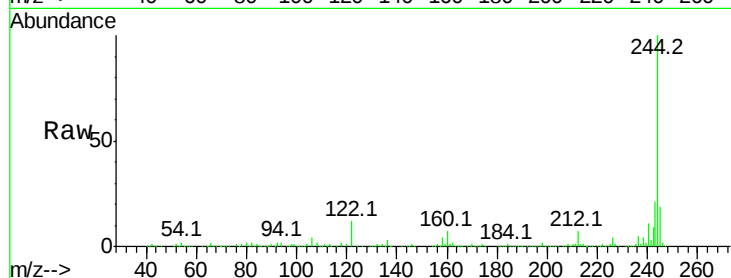
Tot Ion:244 Resp: 799638

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

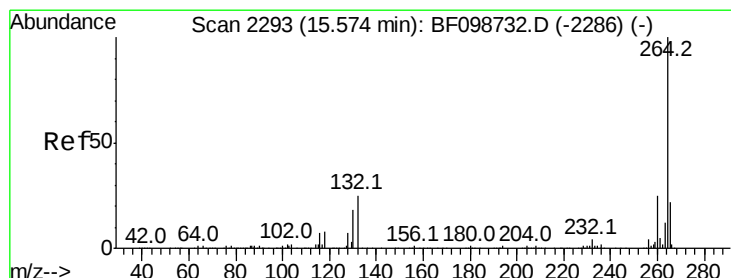
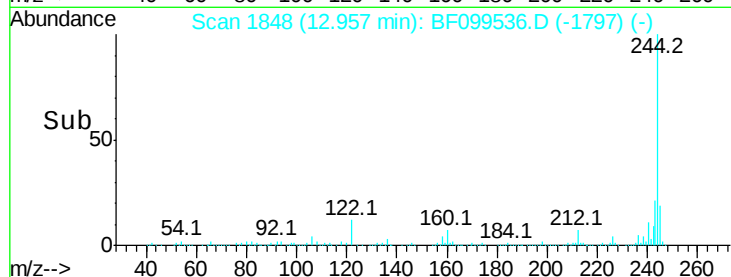
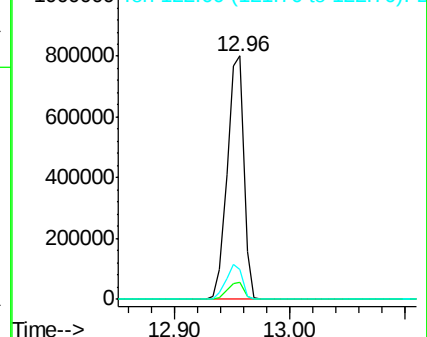
122 12.2 11.0 16.4



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: BF099536.D

Acq: 16 Oct 2017 11:26

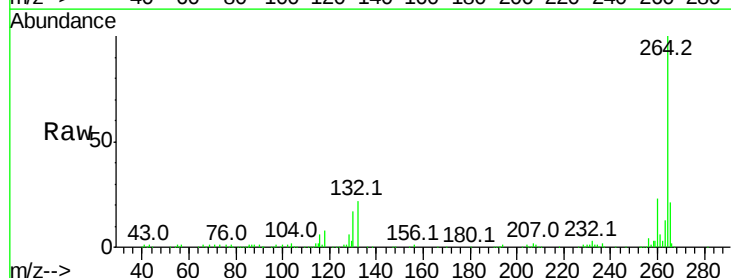
Tgt Ion:264 Resp: 197106

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 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

