

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099456.D
 Acq On : 13 Oct 2017 23:01
 Operator : SJ/JU
 Sample : I5819-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3908-SPP2

Quant Time: Oct 14 00:08:51 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	90640	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	354891	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	137019	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	202509	20.00	ng	0.00
75) Chrysene-d12	14.02	240	162104	20.00	ng	0.00
86) Perylene-d12	15.49	264	178208	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	403617	70.89	ng	0.00
7) Phenol-d6	6.49	99	292983	41.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	564996	102.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	152096	135.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	962750	117.30	ng	0.00
78) Terphenyl-d14	12.96	244	631658	88.62	ng	0.00

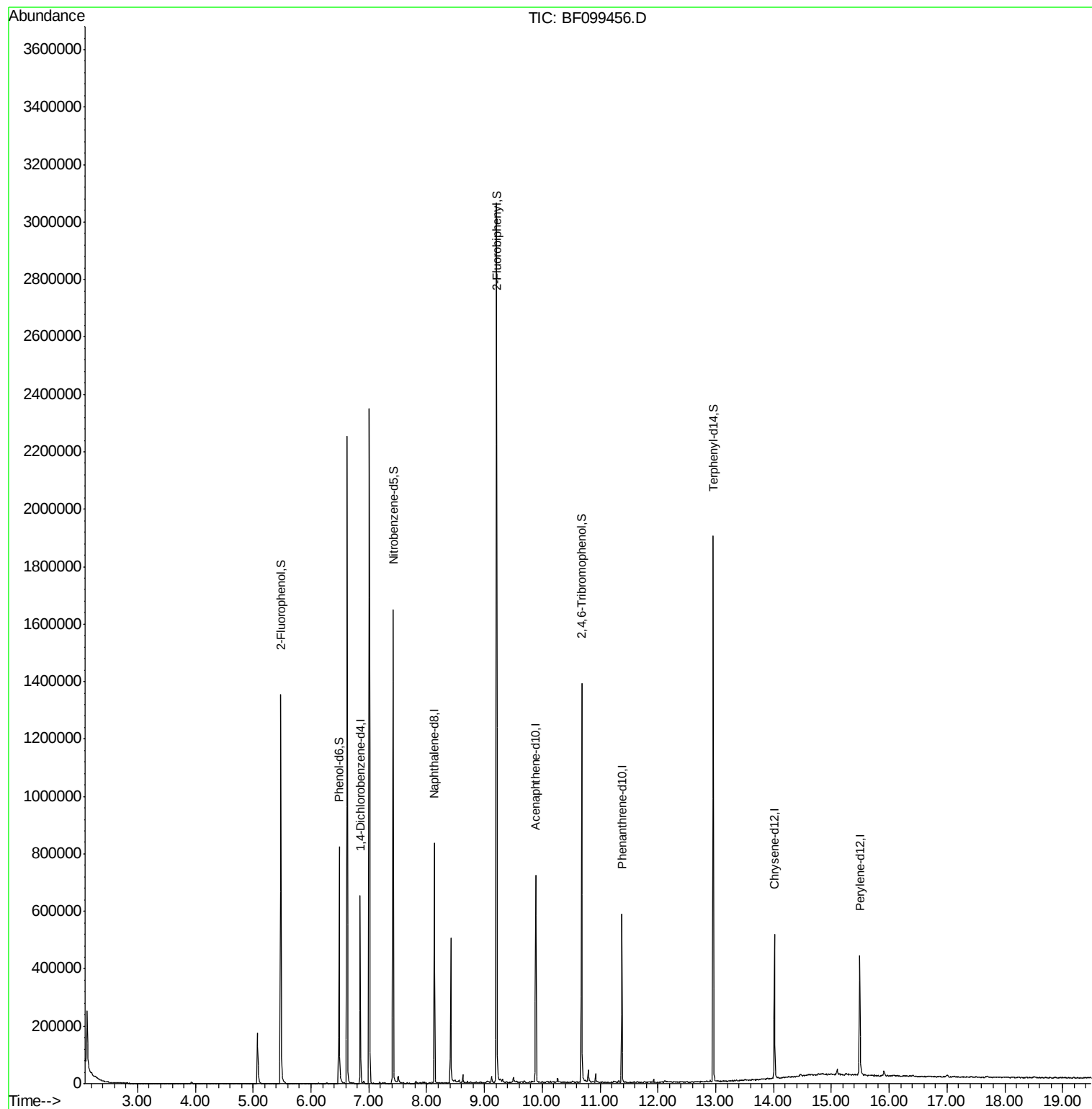
Target Compounds	Qvalue
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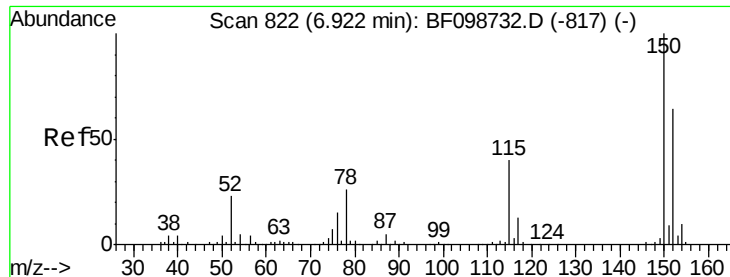
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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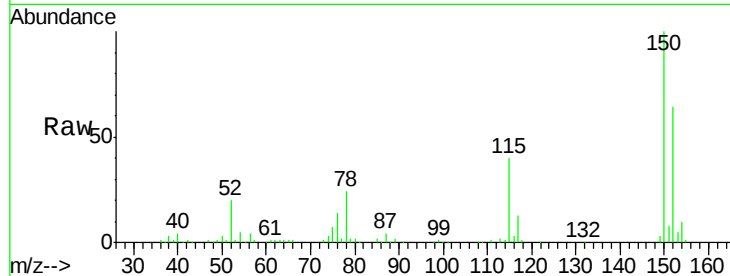


#1

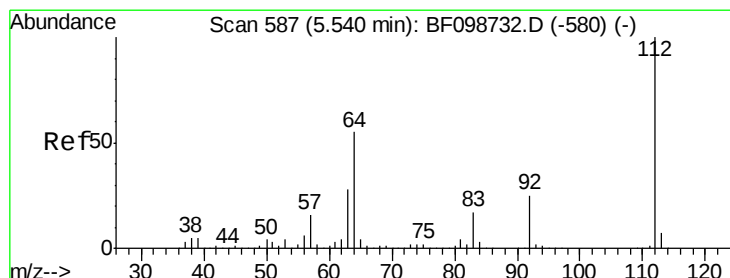
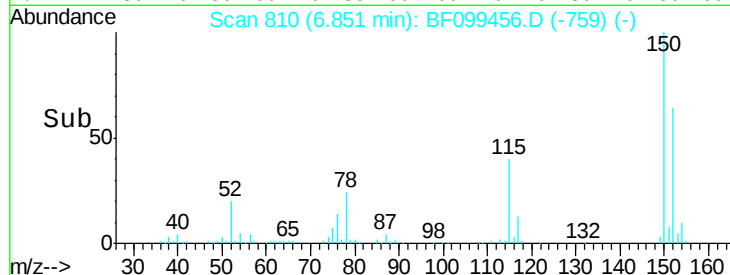
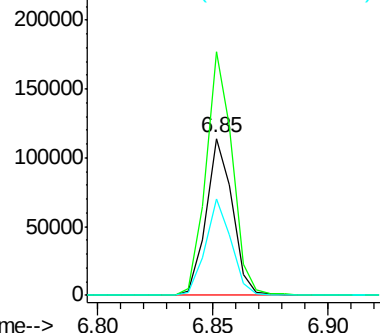
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :
 3908-SPP2

Tgt Ion:152 Resp: 90640
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 61.6 50.1 75.1



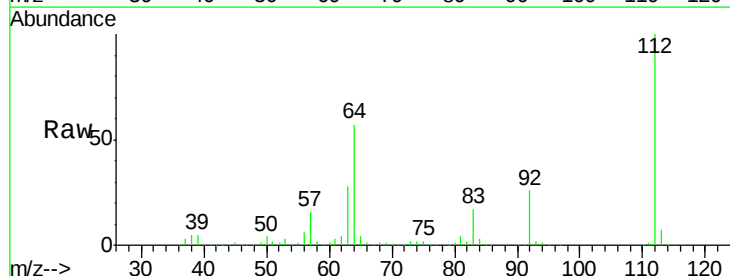
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



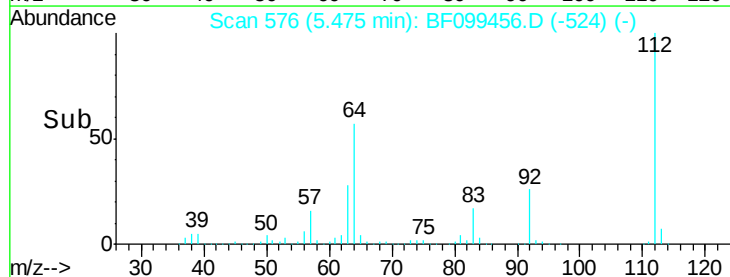
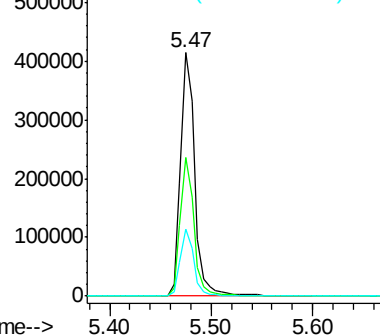
#5

2-Fluorophenol
 Concen: 70.89 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

Tgt Ion:112 Resp: 403617
 Ion Ratio Lower Upper
 112 100
 64 56.7 47.9 71.9
 63 27.5 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: 41.71 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099456.D

Acq: 13 Oct 2017 23:01

Instrument :

BNA_F

ClientSampleId :

3908-SPP2

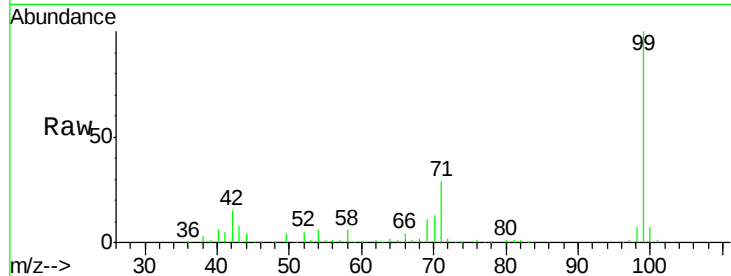
Tgt Ion: 99 Resp: 292983

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

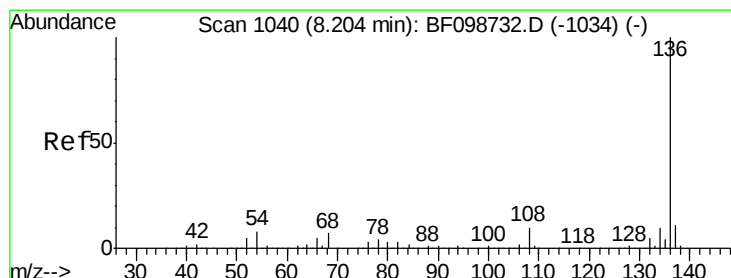
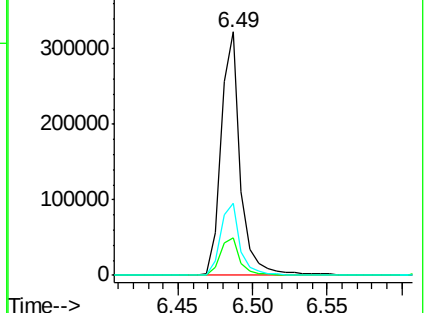
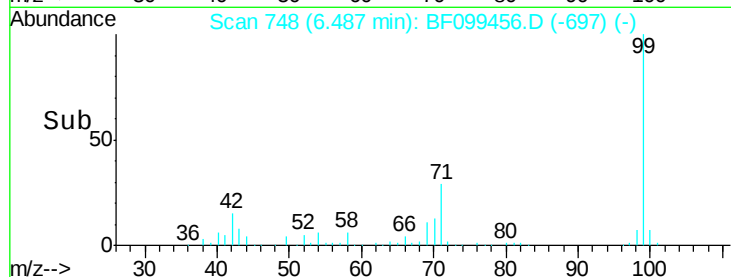
71 29.5 25.4 38.0



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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099456.D

Acq: 13 Oct 2017 23:01

Tgt Ion: 136 Resp: 354891

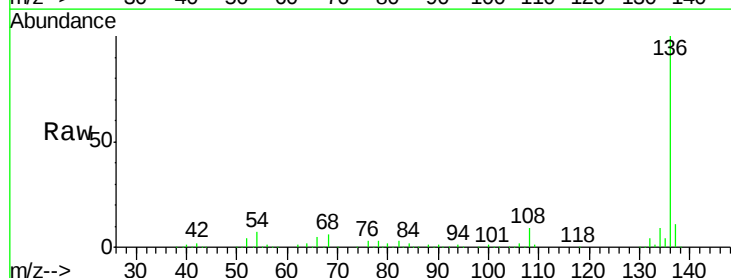
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 6.6 9.8

68 5.6 5.0 7.4

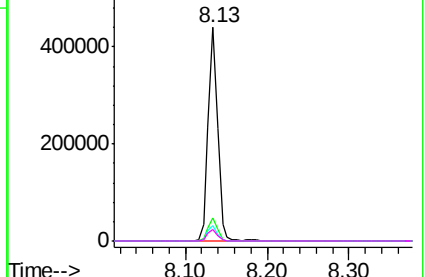
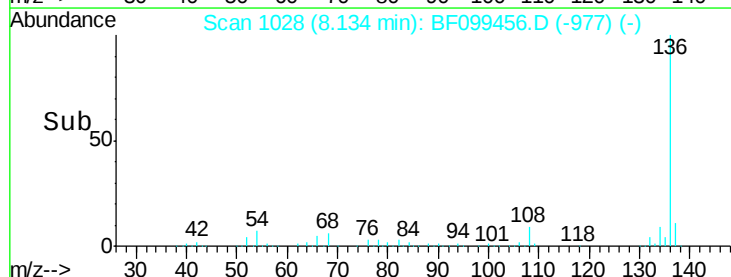


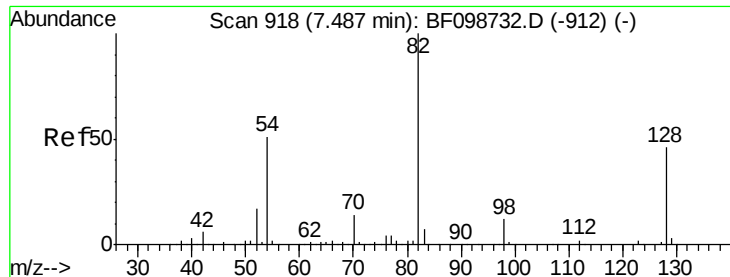
Abundance Ion 136.00 (135.70 to 136.70): E

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

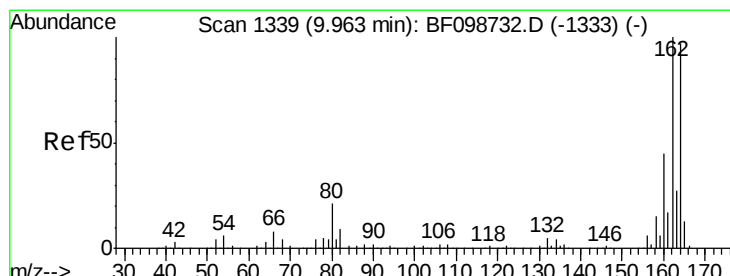
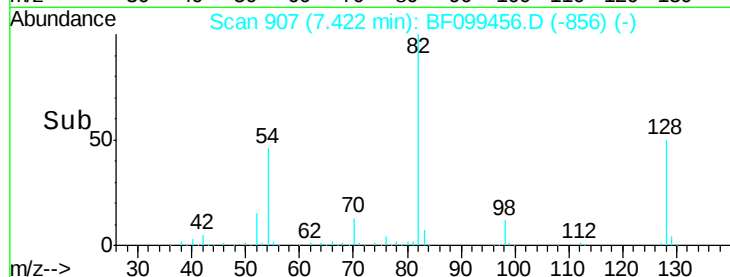
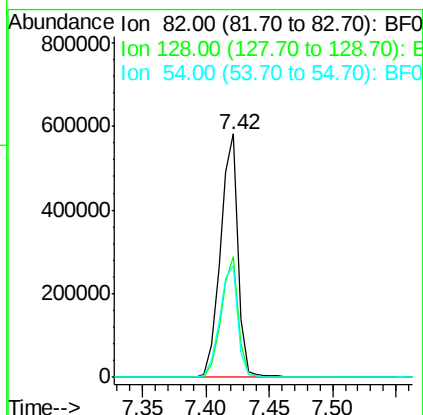
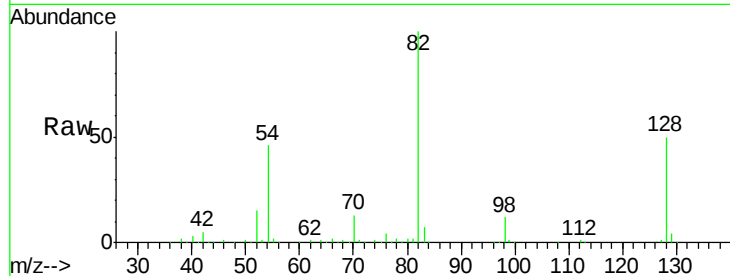




#23
 Nitrobenzene-d5
 Concen: 102.10 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

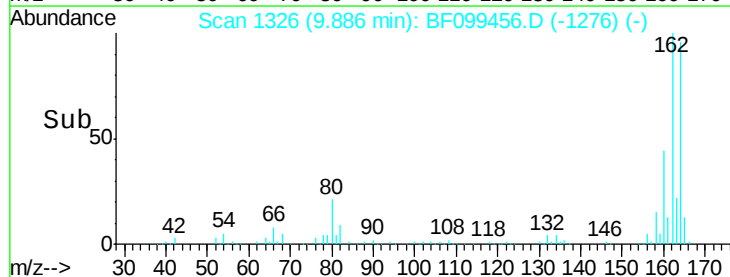
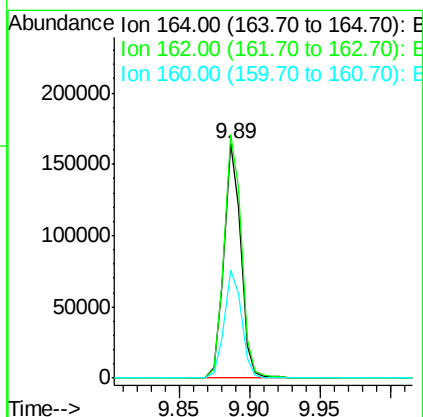
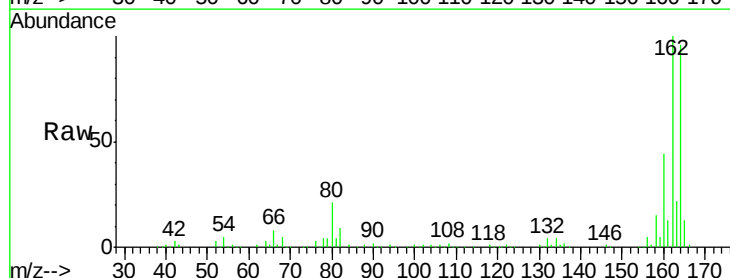
Instrument :
 BNA_F
 ClientSampleId :
 3908-SPP2

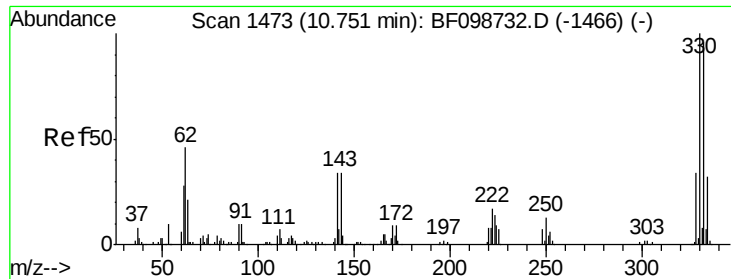
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	46.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.8	38.3	57.5

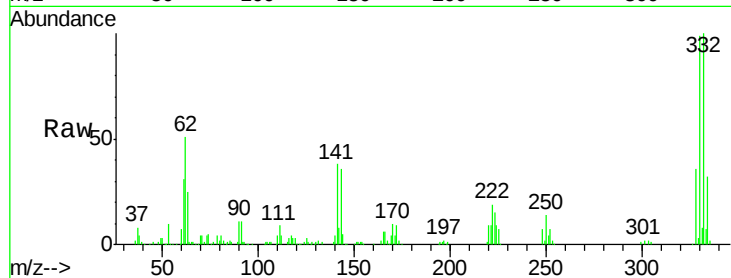




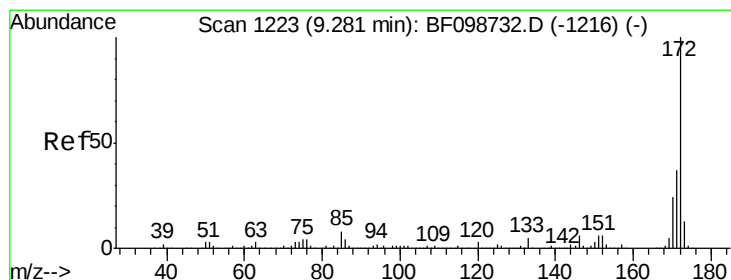
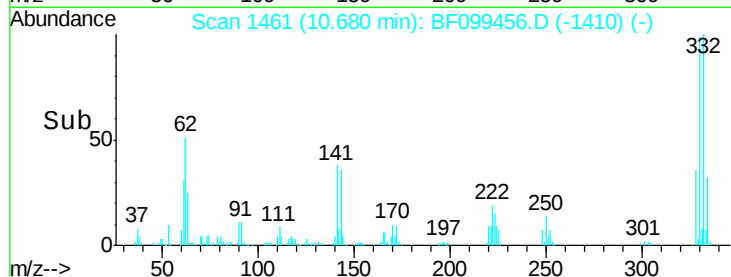
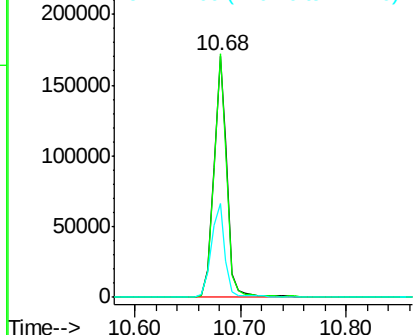
#41
 2,4,6-Tribromophenol
 Concen: 135.66 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :
 3908-SPP2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	40.2	29.9	44.9

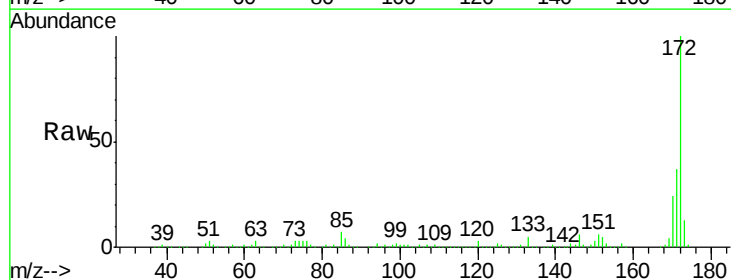


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

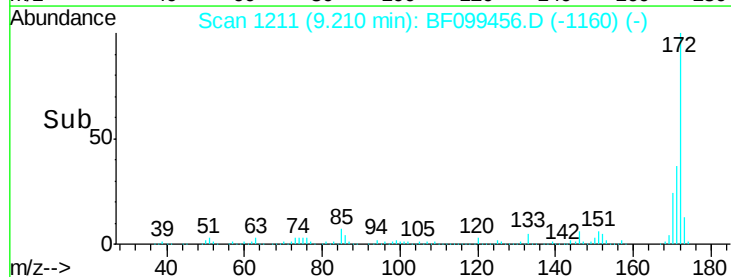
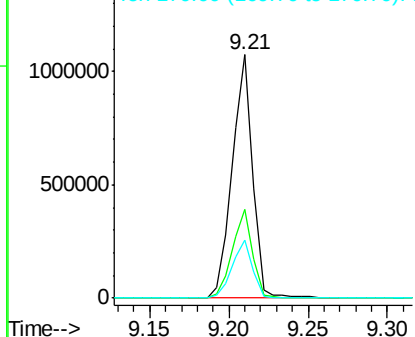


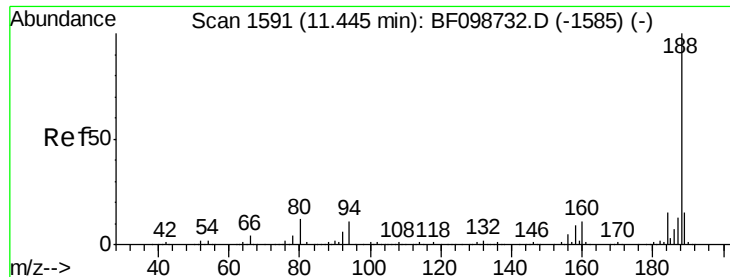
#44
 2-Fluorobiphenyl
 Concen: 117.30 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	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

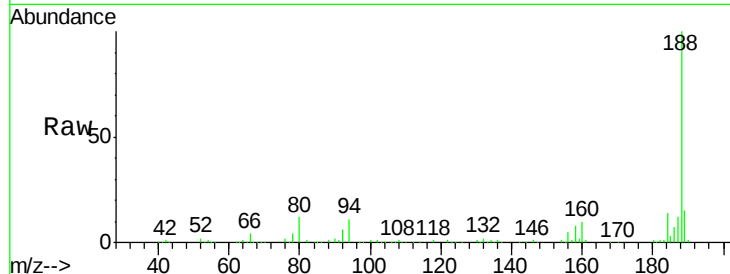




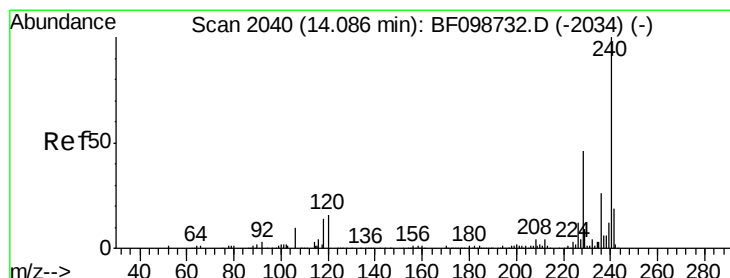
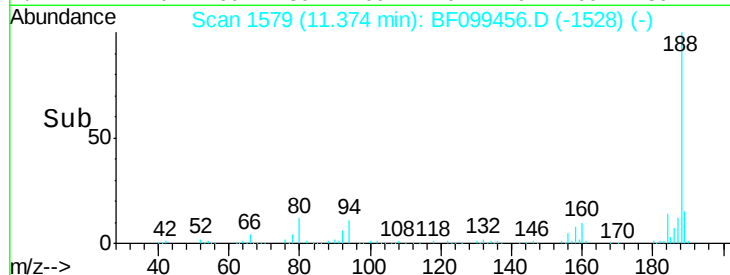
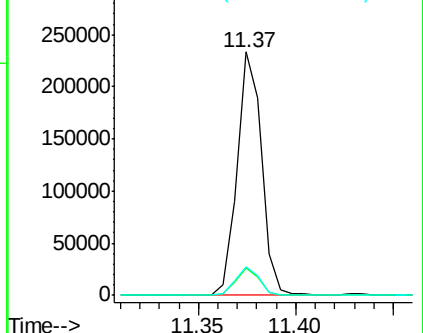
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099456.D
Acq: 13 Oct 2017 23:01

Instrument :
BNA_F
ClientSampleId :
3908-SPP2

Tgt Ion:188 Resp: 202509
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.8 9.2 13.8

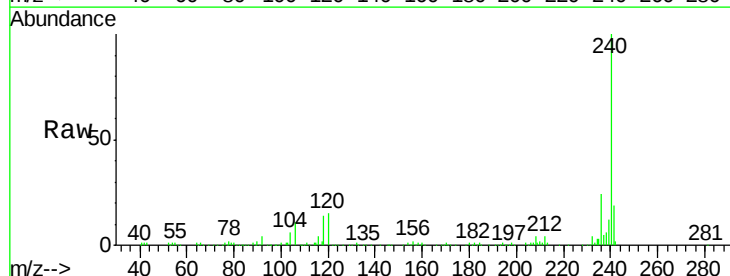


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

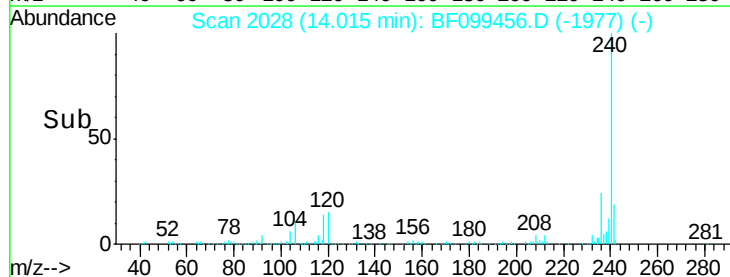
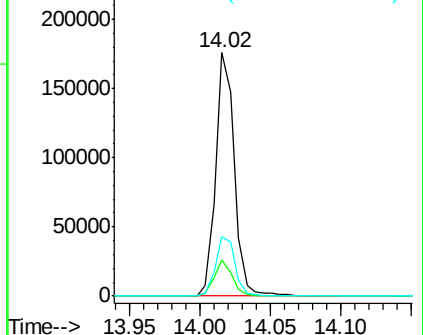


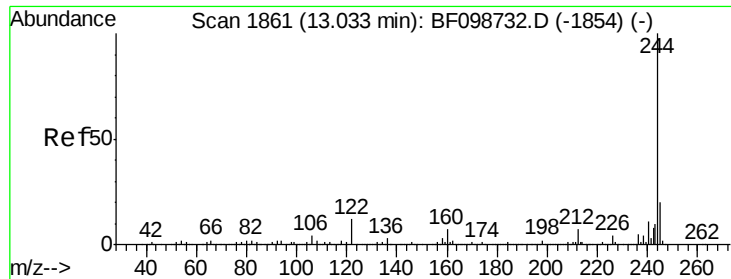
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099456.D
Acq: 13 Oct 2017 23:01

Tgt Ion:240 Resp: 162104
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 24.5 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

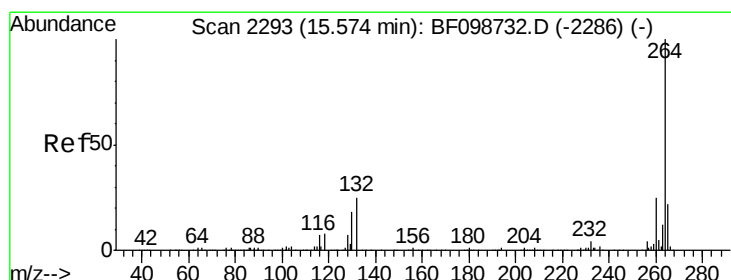
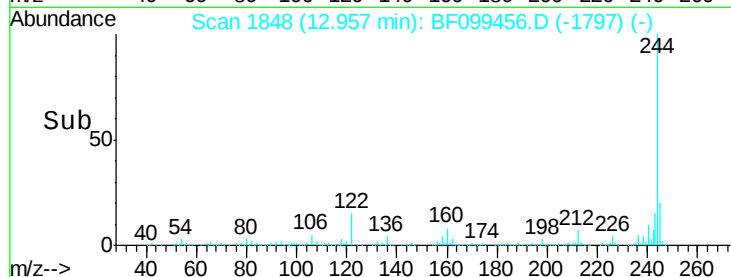
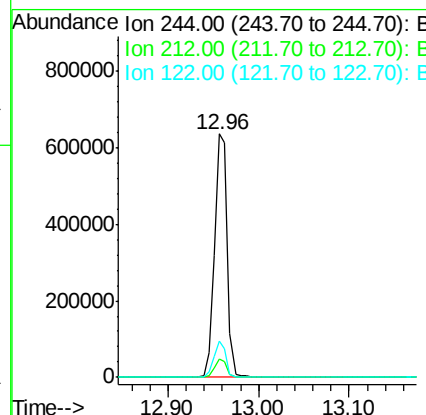
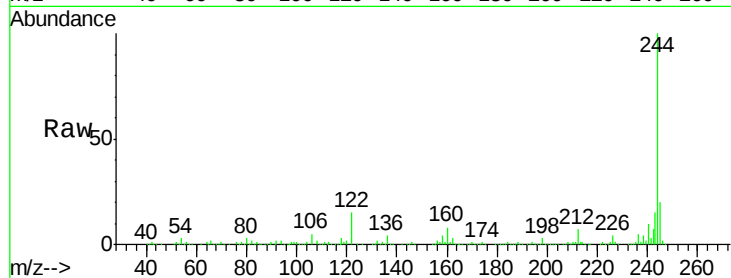




#78
 Terphenyl-d14
 Concen: 88.62 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :
 3908-SPP2

Tgt Ion: 244 Resp: 631658
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 15.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099456.D
 Acq: 13 Oct 2017 23:01

Tgt Ion: 264 Resp: 178208
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.4 17.5 26.3

