

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099499.D
 Acq On : 15 Oct 2017 2:12
 Operator : SJ/JU
 Sample : PB103194BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Quant Time: Oct 15 04:25:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107624	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	443862	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197827	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	330491	20.00	ng	0.00
75) Chrysene-d12	14.02	240	175147	20.00	ng	0.00
86) Perylene-d12	15.49	264	175977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	744185	110.07	ng	0.01
7) Phenol-d6	6.49	99	873169	104.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	540620	78.11	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	142388	87.96	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	998807	84.29	ng	0.00
78) Terphenyl-d14	12.96	244	715690	92.93	ng	0.00

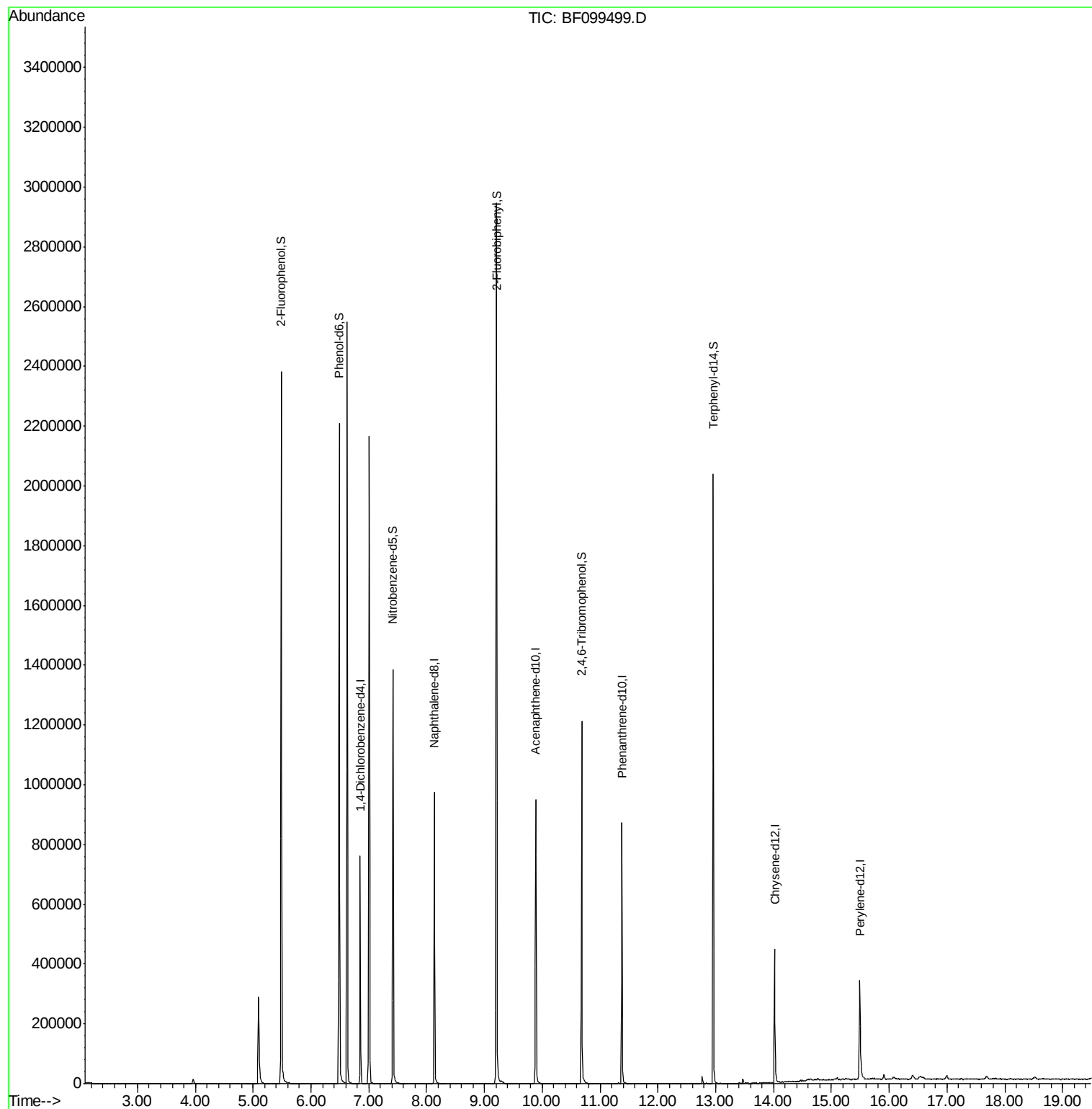
Target Compounds	Qvalue
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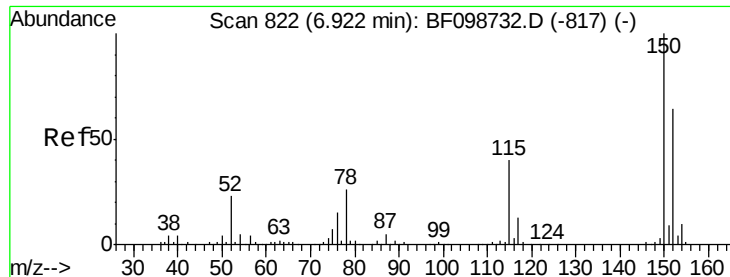
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Instrument :

BNA_F

ClientSampled :

PB103194BL

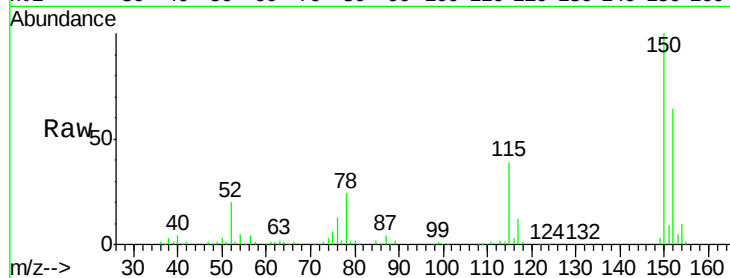
Tgt Ion:152 Resp: 107624

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

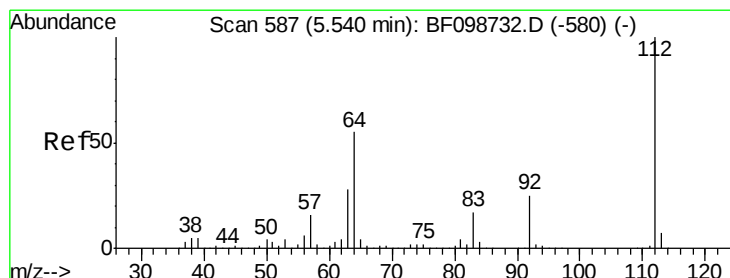
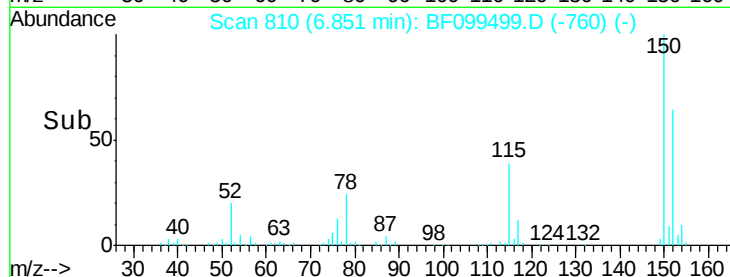
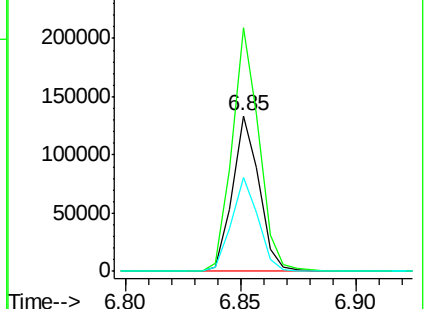
115 60.7 50.1 75.1



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: 110.07 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

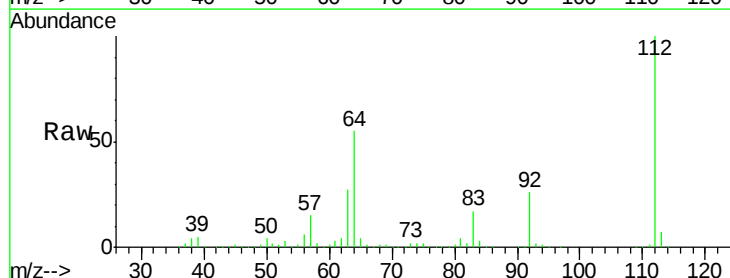
Tgt Ion:112 Resp: 744185

Ion Ratio Lower Upper

112 100

64 54.8 47.9 71.9

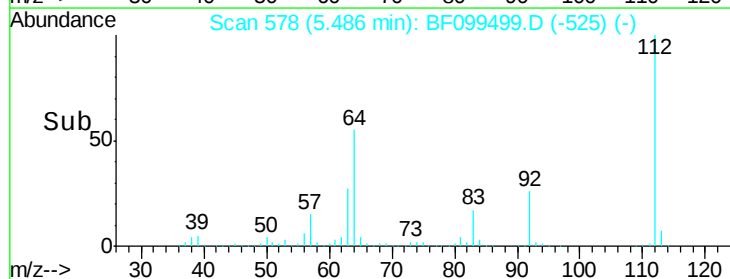
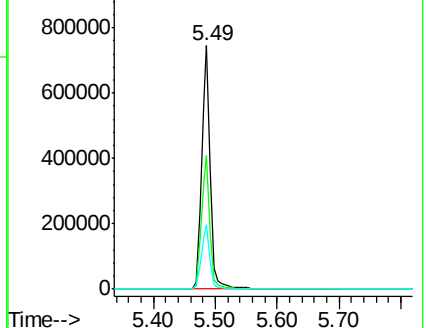
63 26.6 23.7 35.5

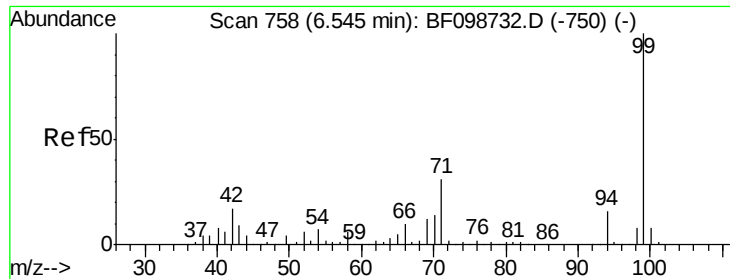


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.70 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Instrument :

BNA_F

ClientSampled :

PB103194BL

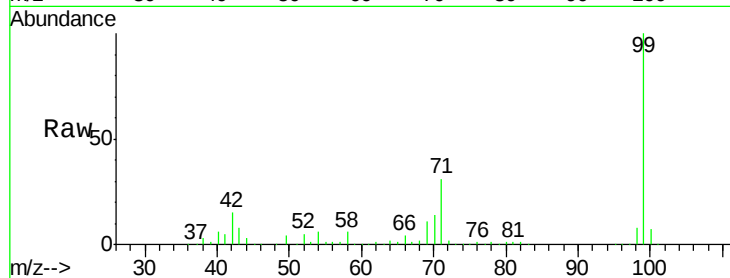
Tgt Ion: 99 Resp: 873169

Ion Ratio Lower Upper

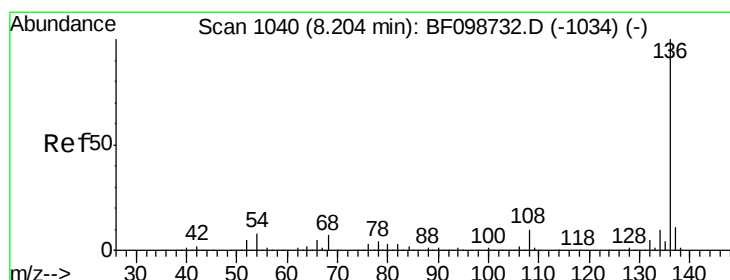
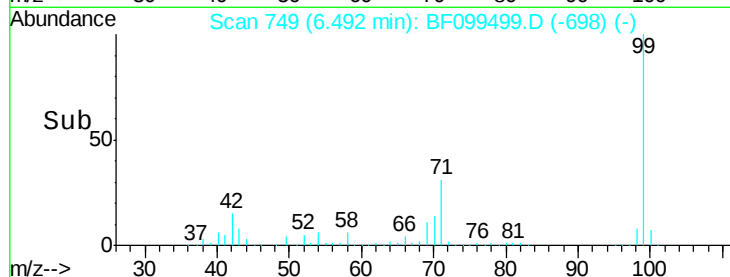
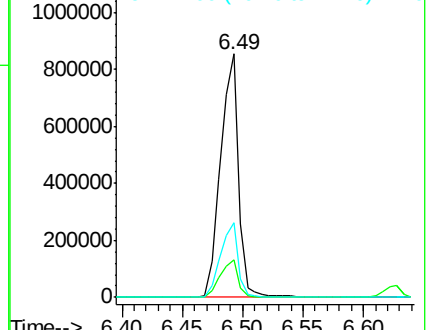
99 100

42 15.3 14.5 21.7

71 30.7 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. -0.01 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Tgt Ion: 136 Resp: 443862

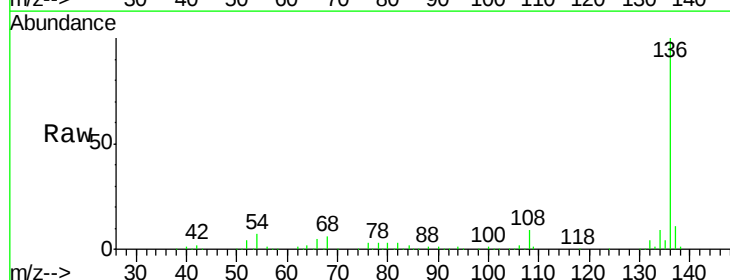
Ion Ratio Lower Upper

136 100

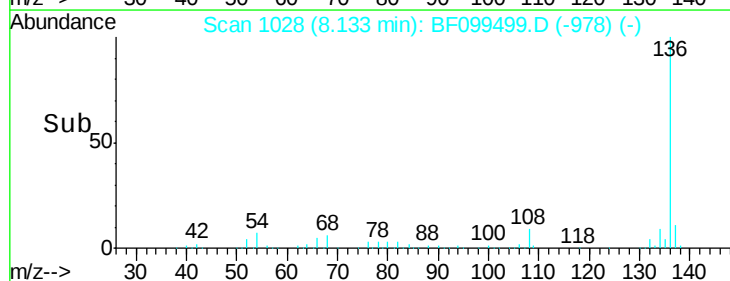
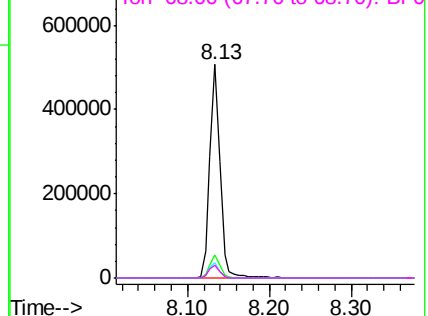
137 11.0 8.9 13.3

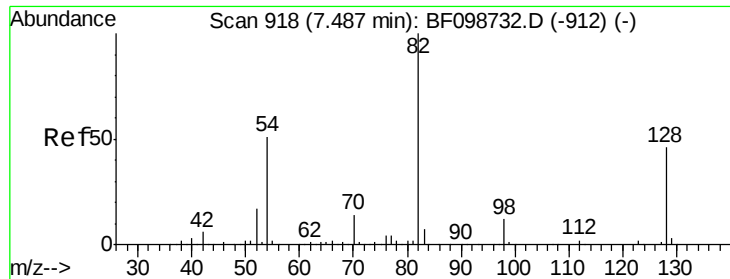
54 7.4 6.6 9.8

68 5.9 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

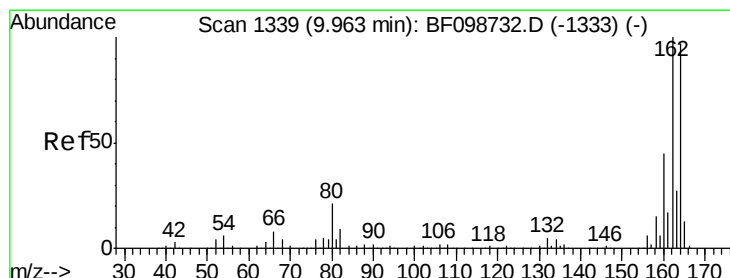
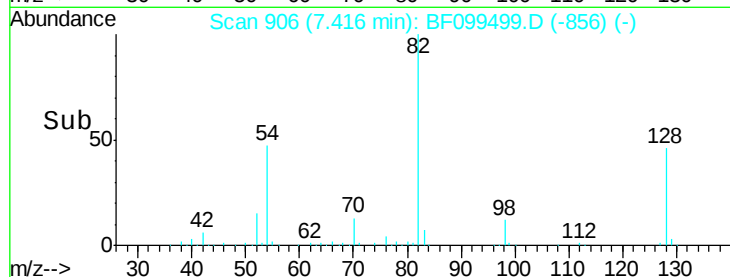
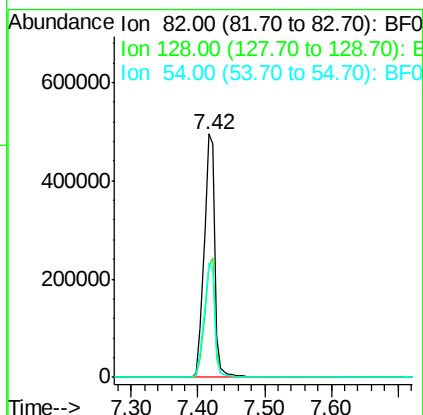
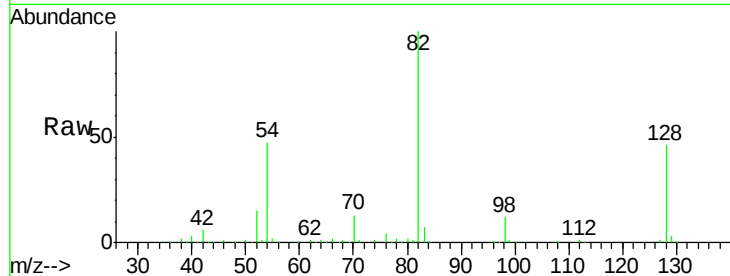




#23
 Nitrobenzene-d5
 Concen: 78.11 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

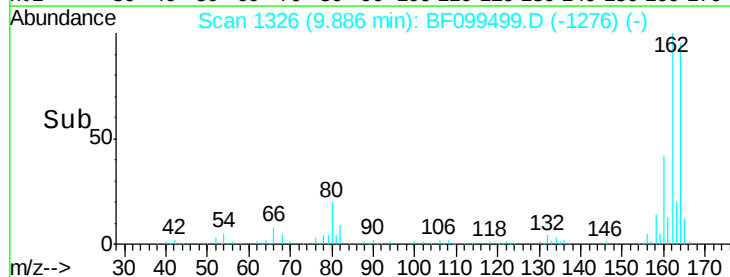
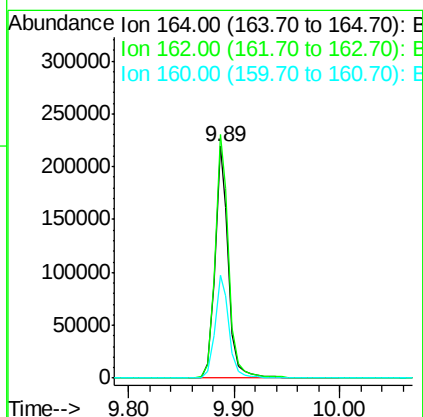
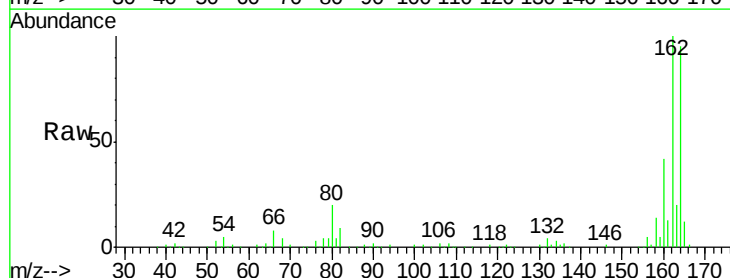
Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

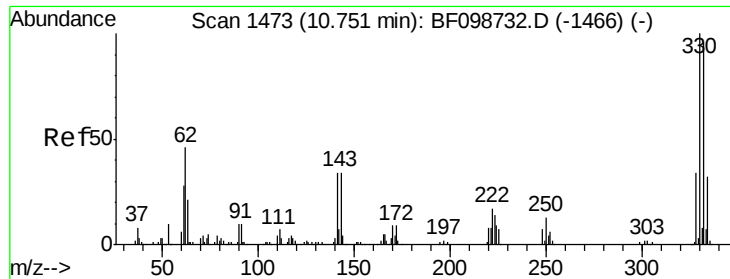
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	47.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	44.6	38.3	57.5

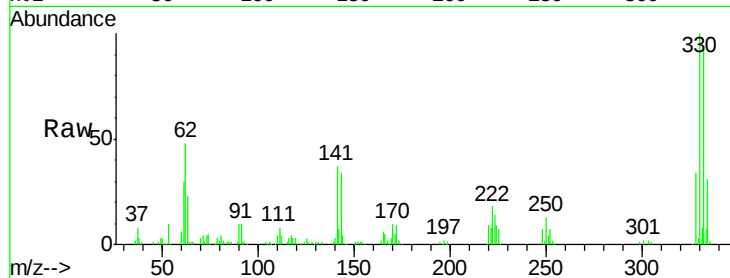




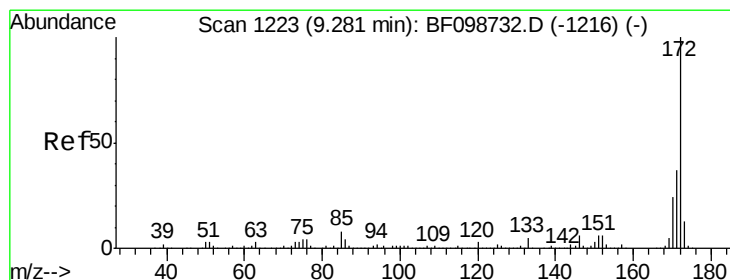
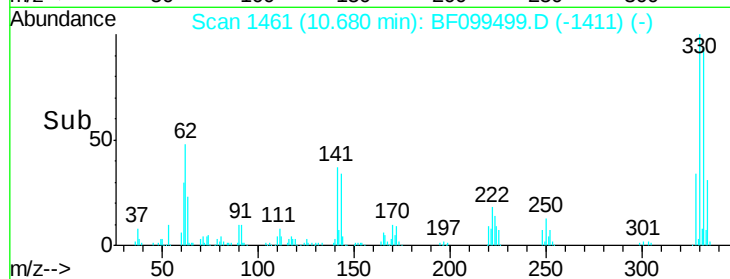
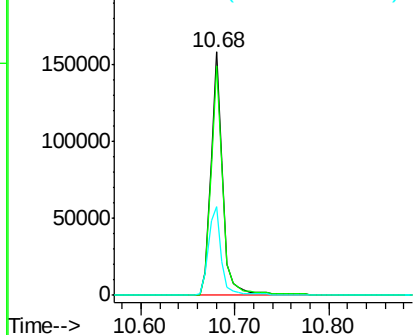
#41
 2,4,6-Tribromophenol
 Concen: 87.96 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	40.0	29.9	44.9

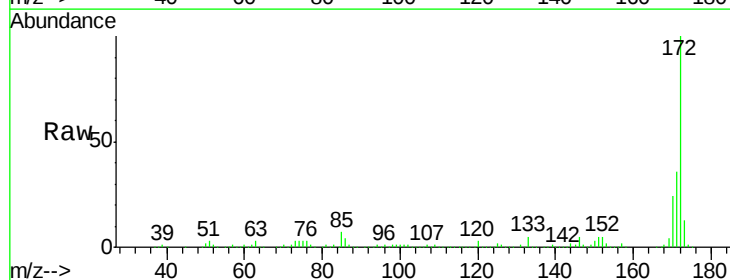


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

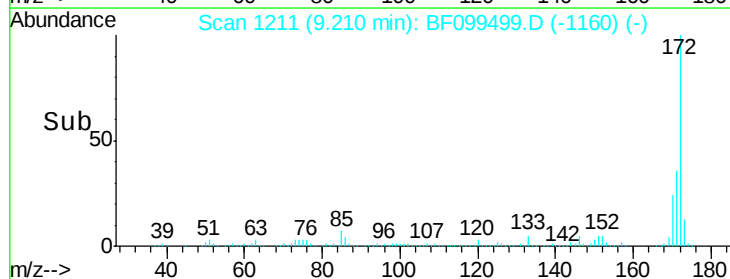
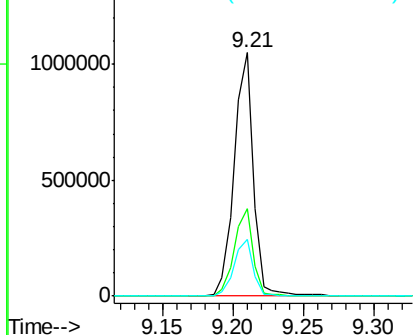


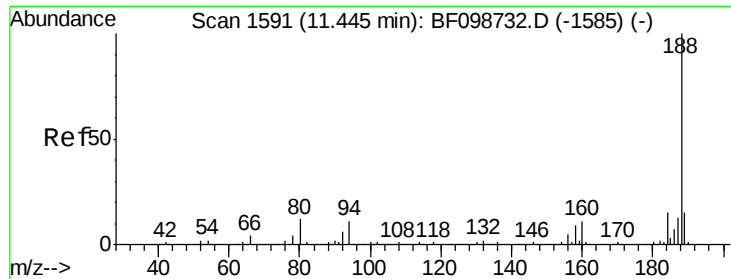
#44
 2-Fluorobiphenyl
 Concen: 84.29 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099499.D
 Acq: 15 Oct 2017 2:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	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

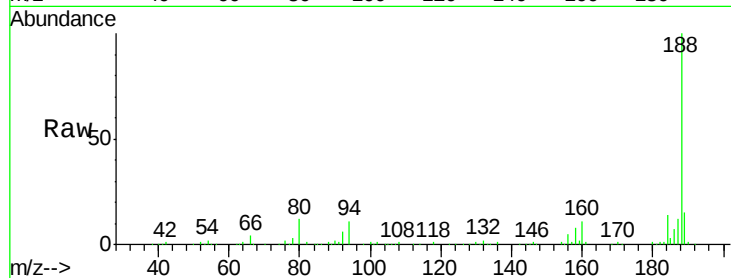




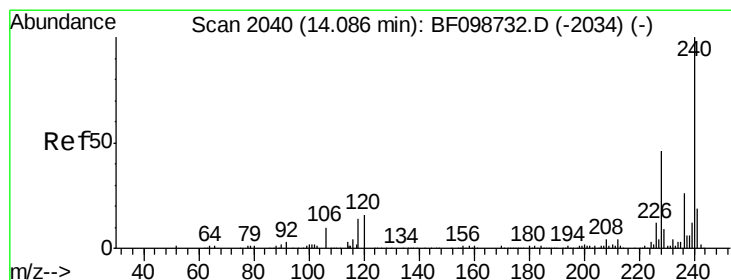
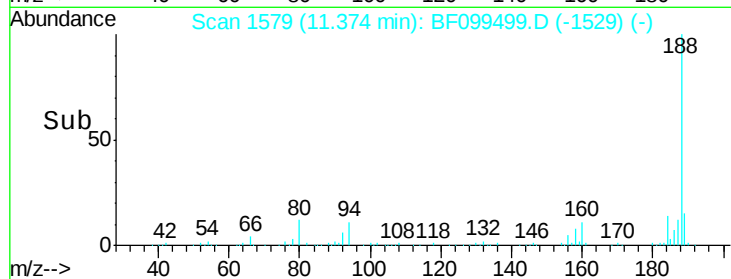
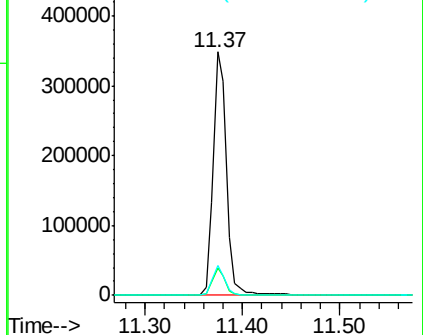
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099499.D
Acq: 15 Oct 2017 2:12

Instrument :
BNA_F
ClientSampleId :
PB103194BL

Tgt Ion:188 Resp: 330491
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.4 9.2 13.8

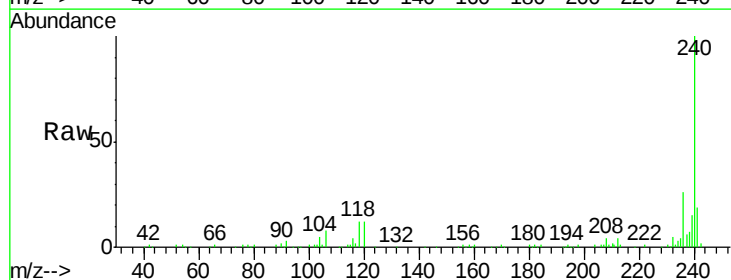


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

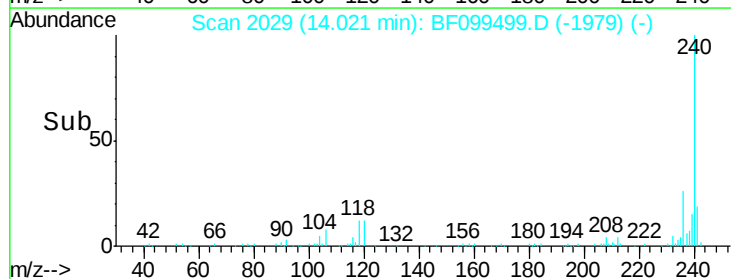
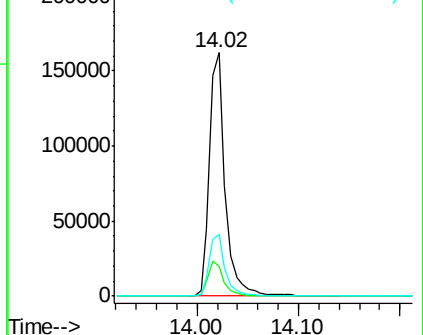


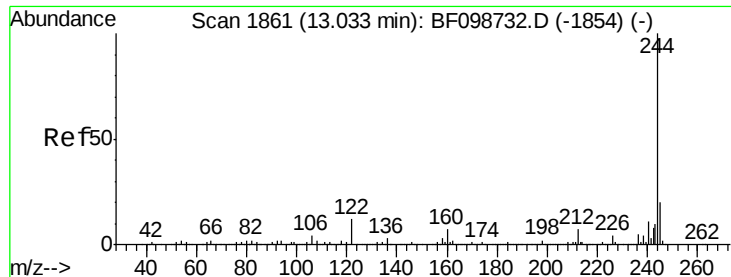
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099499.D
Acq: 15 Oct 2017 2:12

Tgt Ion:240 Resp: 175147
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.7 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: 92.93 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

Instrument :

BNA_F

ClientSampleId :

PB103194BL

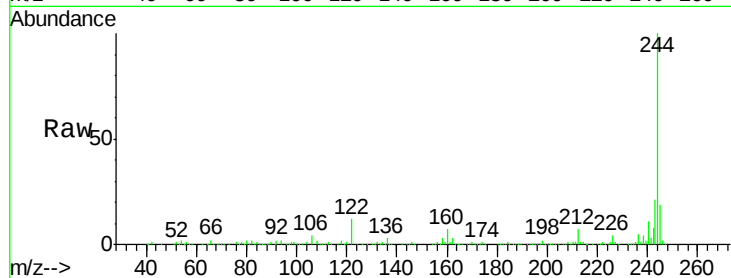
Tgt Ion:244 Resp: 715690

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

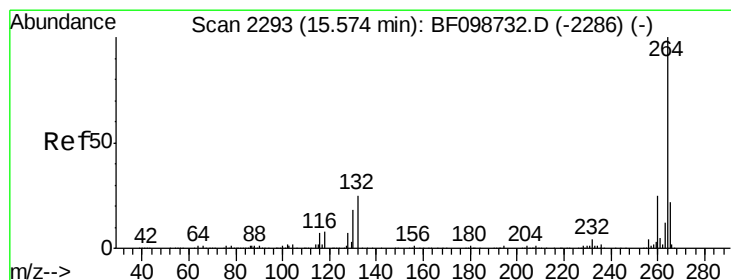
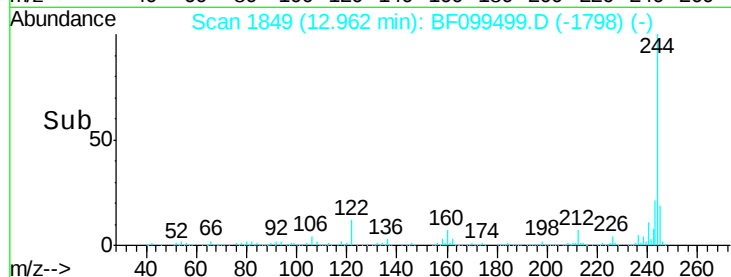
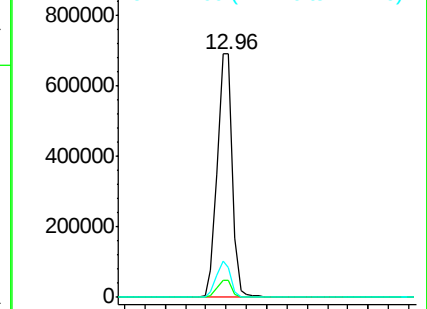
122 12.2 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF099499.D

Acq: 15 Oct 2017 2:12

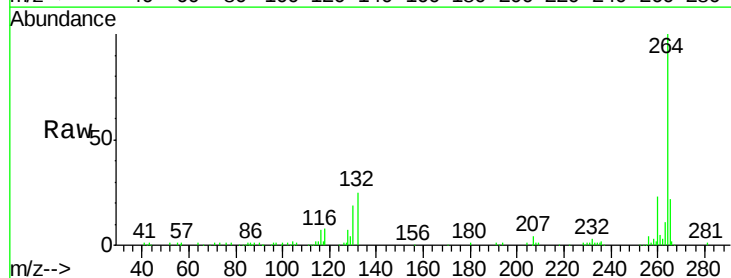
Tgt Ion:264 Resp: 175977

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 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

