

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099467.D
 Acq On : 14 Oct 2017 4:38
 Operator : SJ/JU
 Sample : PB103194TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103194TB

Quant Time: Oct 14 05:09:03 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	101800	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	398172	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	163499	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	248311	20.00	ng	0.00
75) Chrysene-d12	14.02	240	191649	20.00	ng	0.00
86) Perylene-d12	15.49	264	194583	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	741996	116.03	ng	0.02
7) Phenol-d6	6.49	99	854707	108.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	519970	83.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	144465	107.98	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	941441	96.13	ng	0.00
78) Terphenyl-d14	12.96	244	653834	77.59	ng	0.00

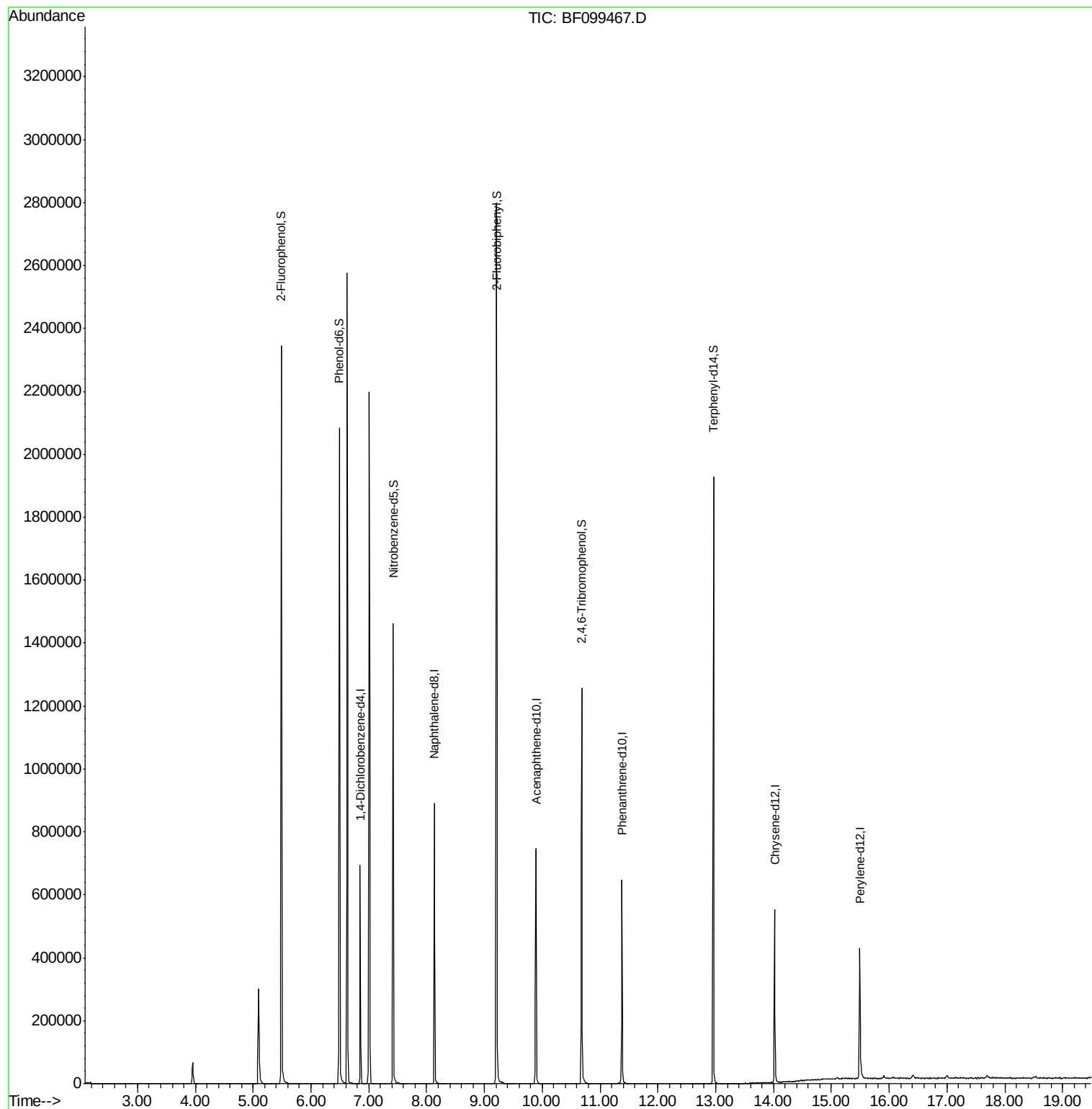
Target Compounds	Qvalue
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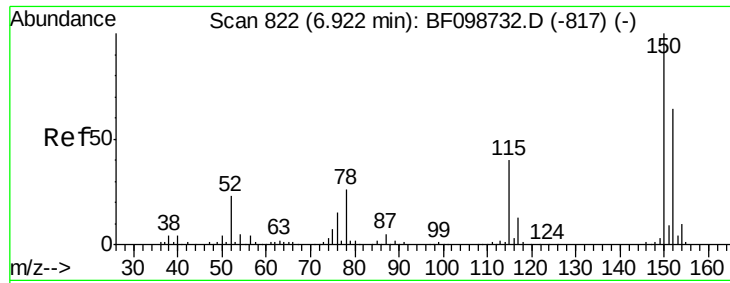
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

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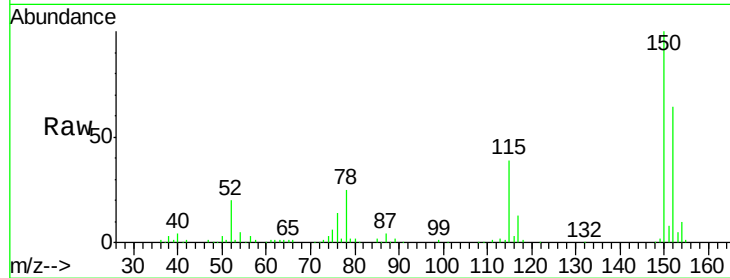
Tgt Ion:152 Resp: 101800

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

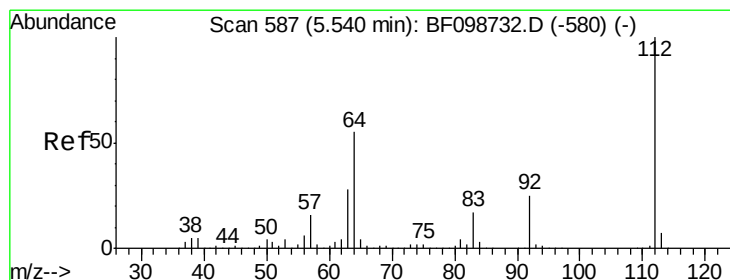
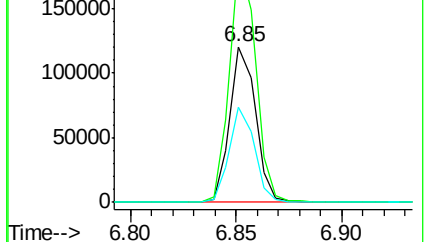
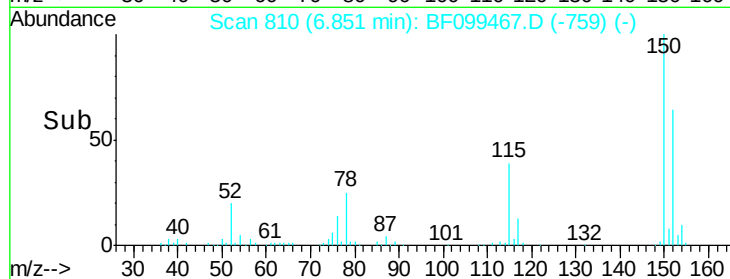
115 60.9 50.1 75.1



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



#5

2-Fluorophenol

Concen: 116.03 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

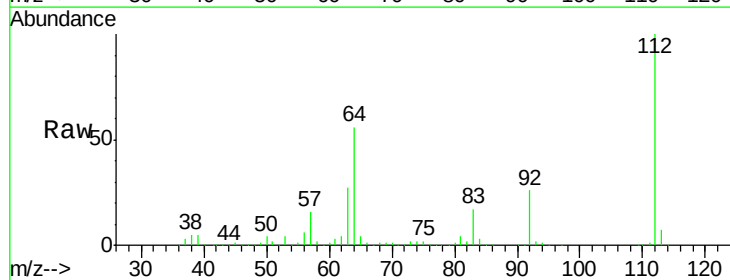
Tgt Ion:112 Resp: 741996

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

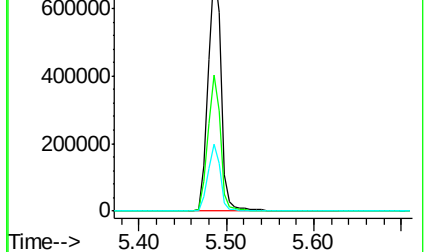
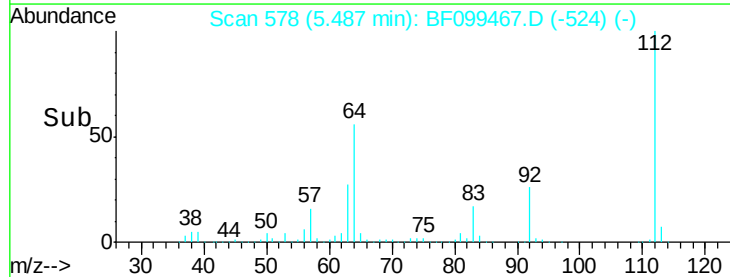
63 27.3 23.7 35.5

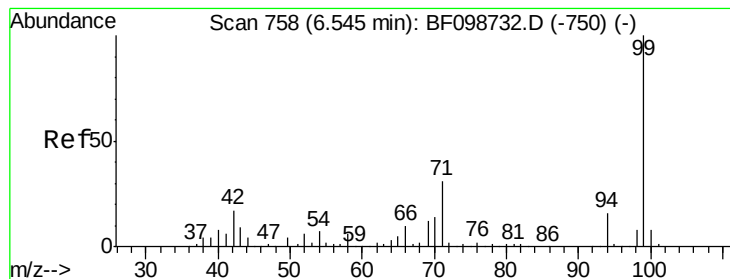


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.34 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

Instrument :

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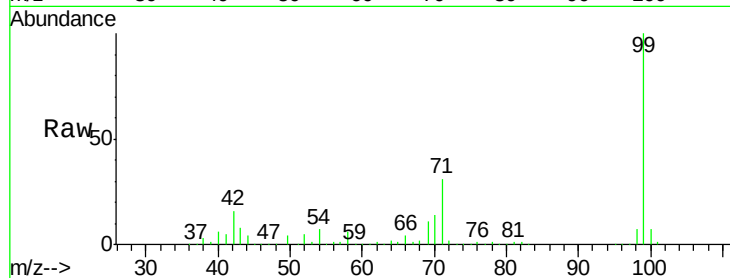
Tgt Ion: 99 Resp: 854707

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

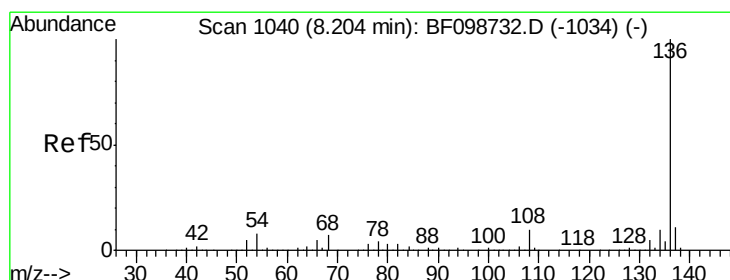
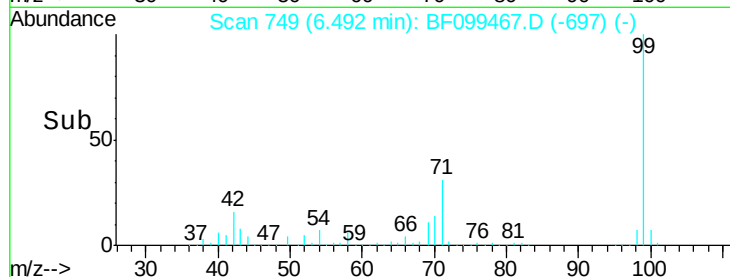
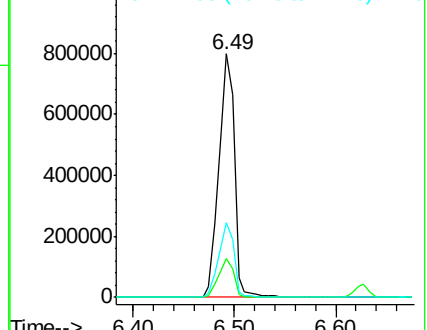
71 30.8 25.4 38.0



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: BF099467.D

Acq: 14 Oct 2017 4:38

Tgt Ion: 136 Resp: 398172

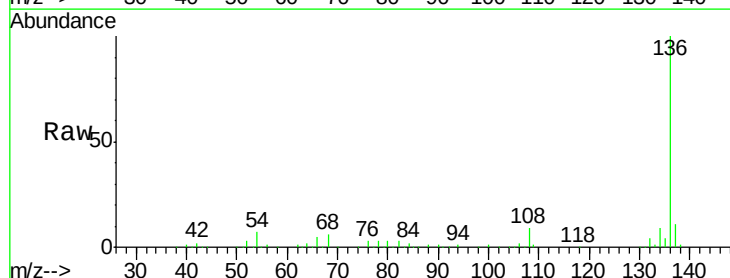
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

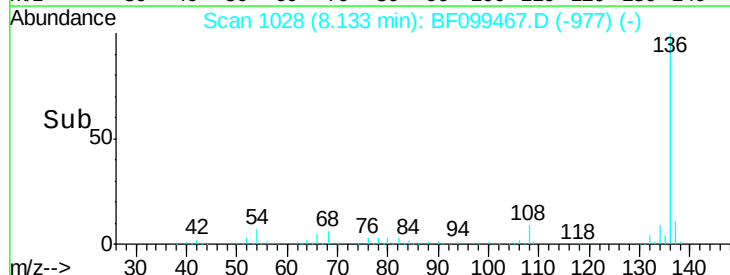
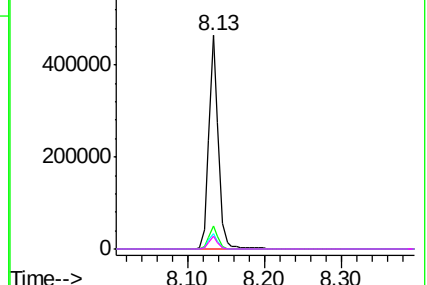


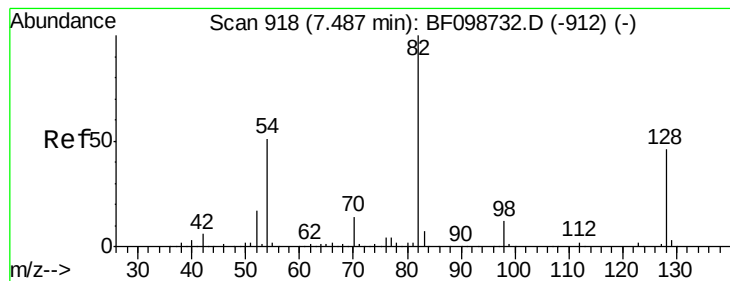
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.75 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

Instrument :

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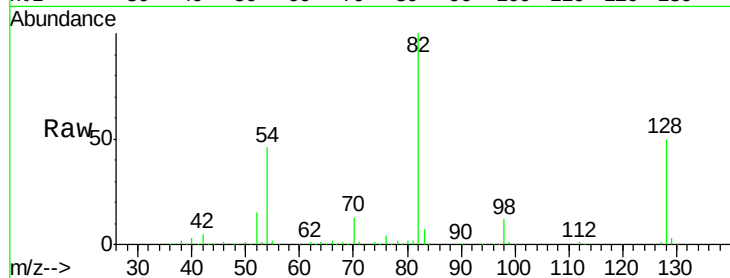
Tgt Ion: 82 Resp: 519970

Ion Ratio Lower Upper

82 100

128 49.9 36.1 54.1

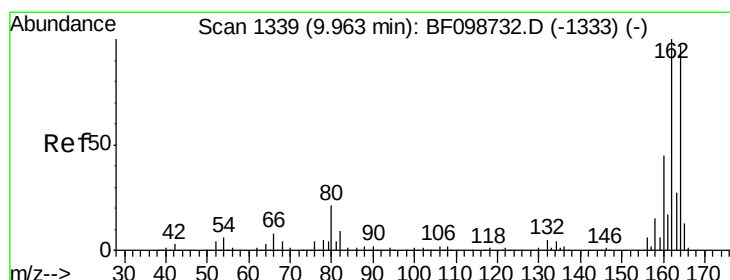
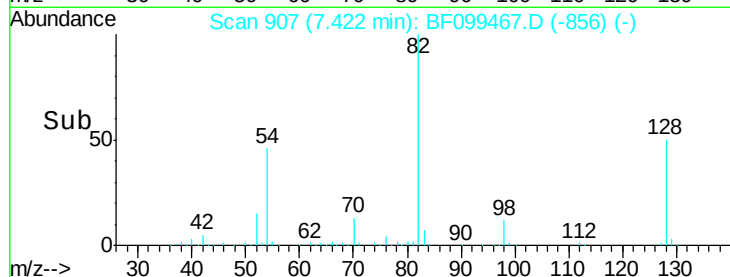
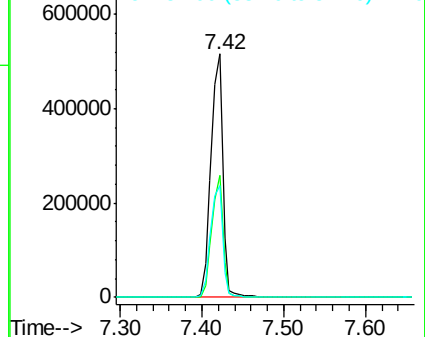
54 45.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

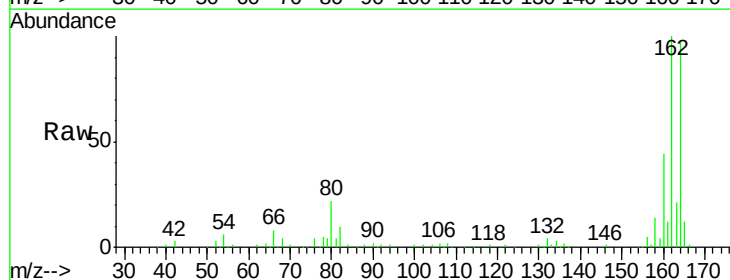
Tgt Ion: 164 Resp: 163499

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

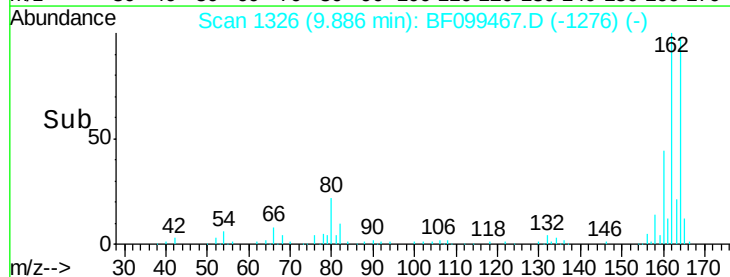
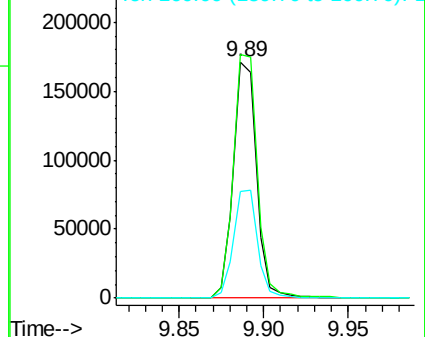
160 45.1 38.3 57.5

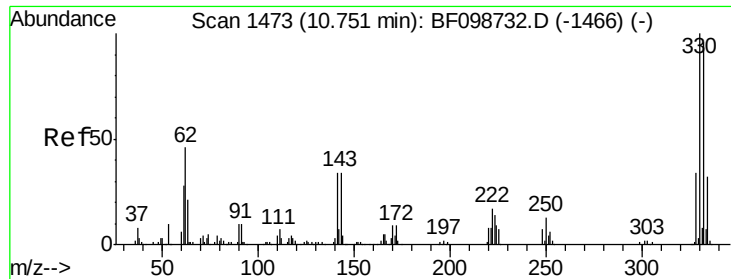


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 107.98 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

Instrument :

BNA_F

ClientSampleId :

PB103194TB

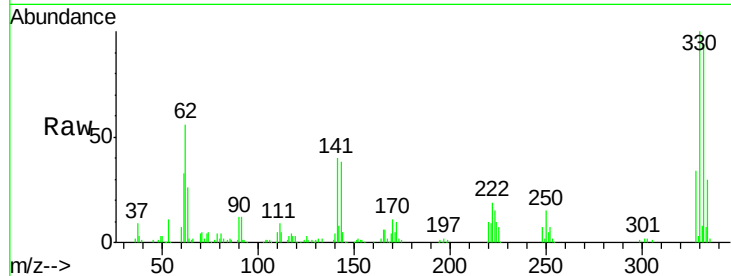
Tgt Ion:330 Resp: 144465

Ion Ratio Lower Upper

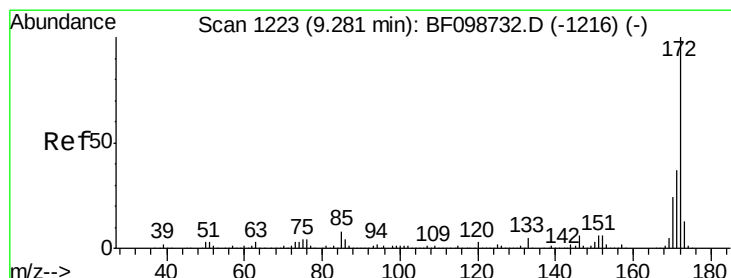
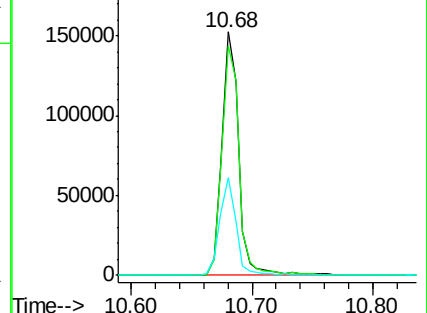
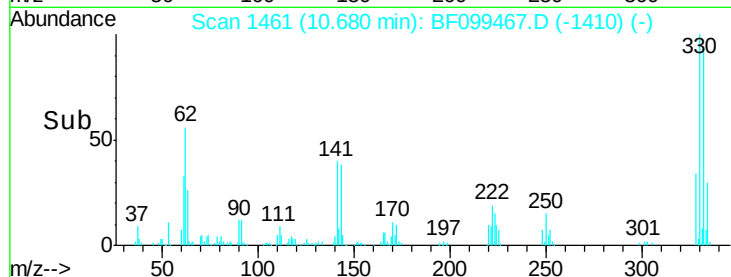
330 100

332 97.5 77.0 115.6

141 39.7 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: 96.13 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF099467.D

Acq: 14 Oct 2017 4:38

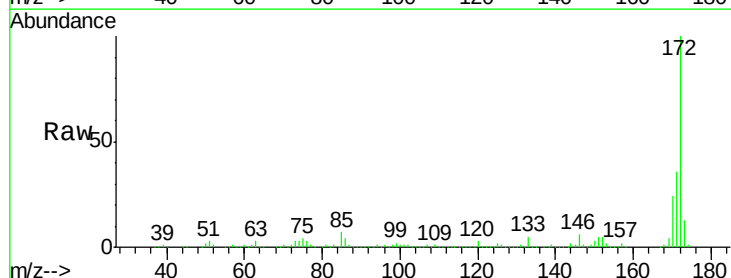
Tgt Ion:172 Resp: 941441

Ion Ratio Lower Upper

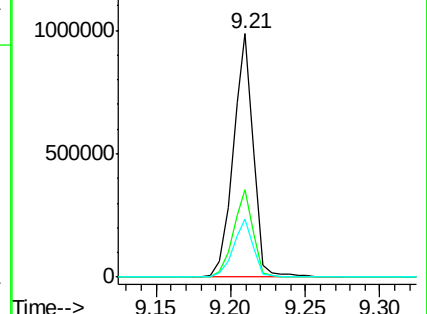
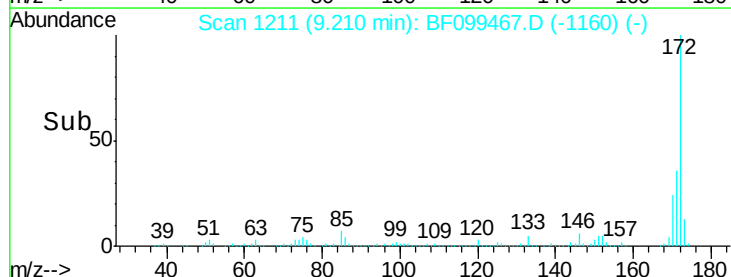
172 100

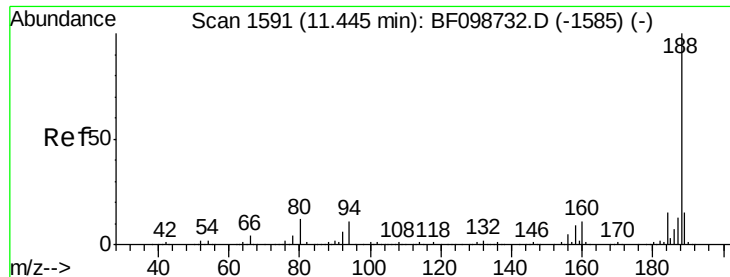
171 35.9 29.7 44.5

170 24.0 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

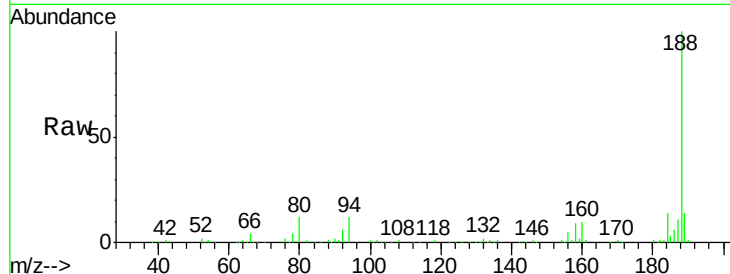




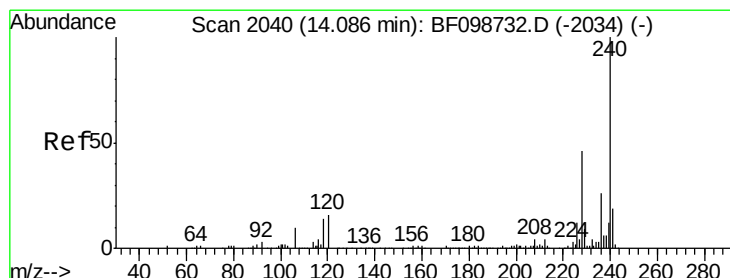
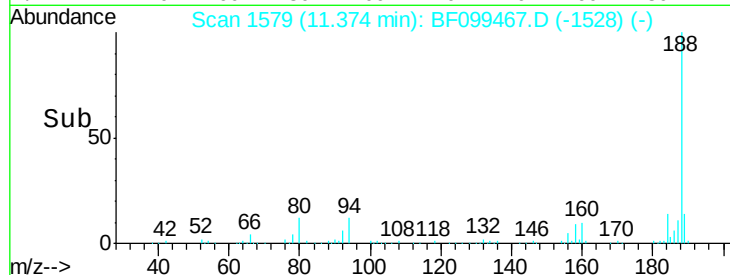
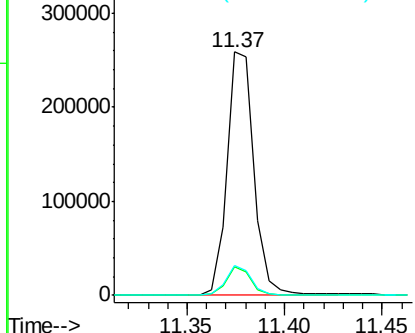
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

Instrument :
BNA_F
ClientSampleId :
PB103194TB

Tgt Ion:188 Resp: 248311
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.4 9.2 13.8

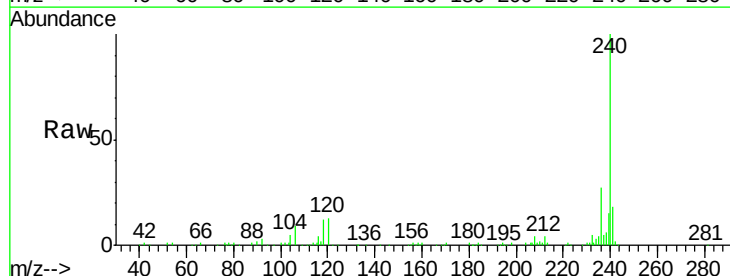


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

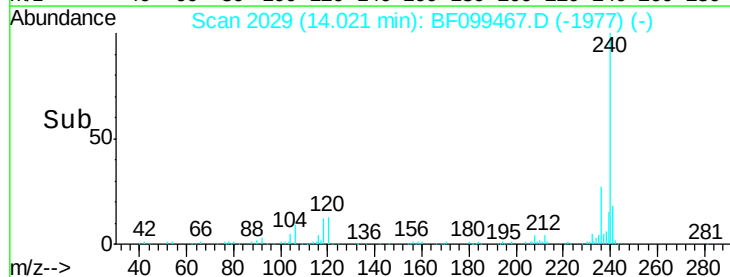
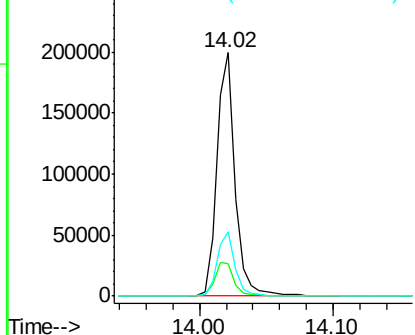


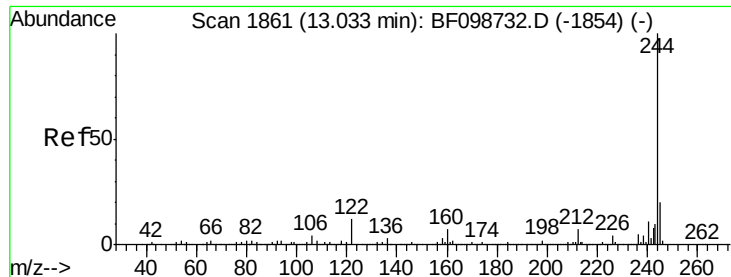
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099467.D
Acq: 14 Oct 2017 4:38

Tgt Ion:240 Resp: 191649
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.5 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

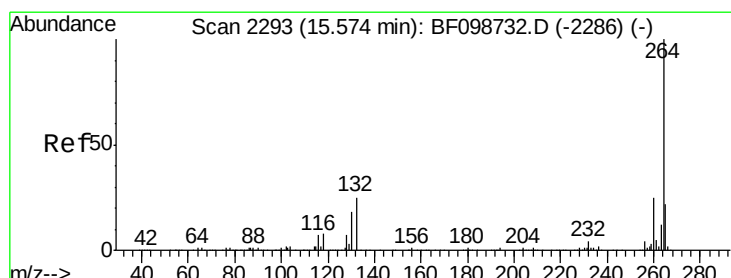
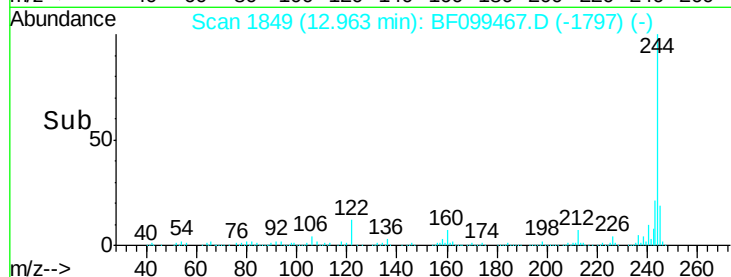
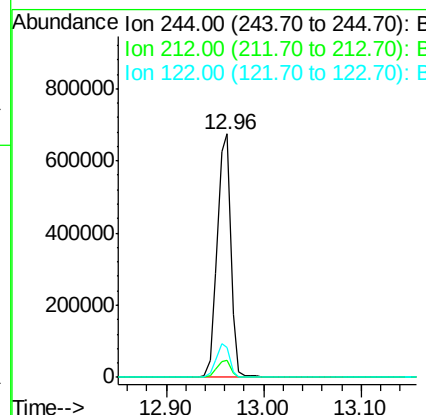
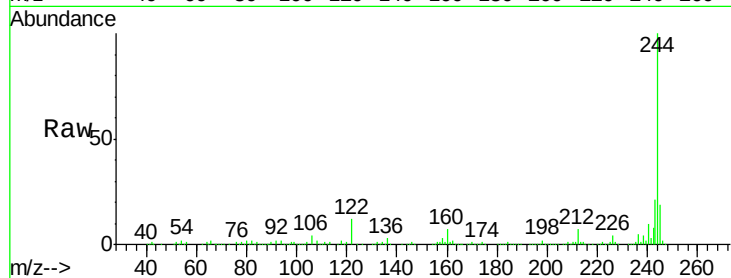




#78
 Terphenyl-d14
 Concen: 77.59 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099467.D
 Acq: 14 Oct 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :
 PB103194TB

Tgt Ion:244 Resp: 653834
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.3 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: BF099467.D
 Acq: 14 Oct 2017 4:38

Tgt Ion:264 Resp: 194583
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.3 17.5 26.3

