

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099447.D
 Acq On : 13 Oct 2017 18:48
 Operator : SJ/JU
 Sample : PB103199BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BL

Quant Time: Oct 13 23:13:35 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	97982	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	390505	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	162570	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	231479	20.00	ng	0.00
75) Chrysene-d12	14.02	240	163187	20.00	ng	0.00
86) Perylene-d12	15.49	264	181043	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	775913	126.06	ng	0.02
7) Phenol-d6	6.49	99	904217	119.09	ng	0.00
23) Nitrobenzene-d5	7.42	82	551579	90.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	156023	117.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	988002	101.46	ng	0.00
78) Terphenyl-d14	12.96	244	601892	83.88	ng	0.00

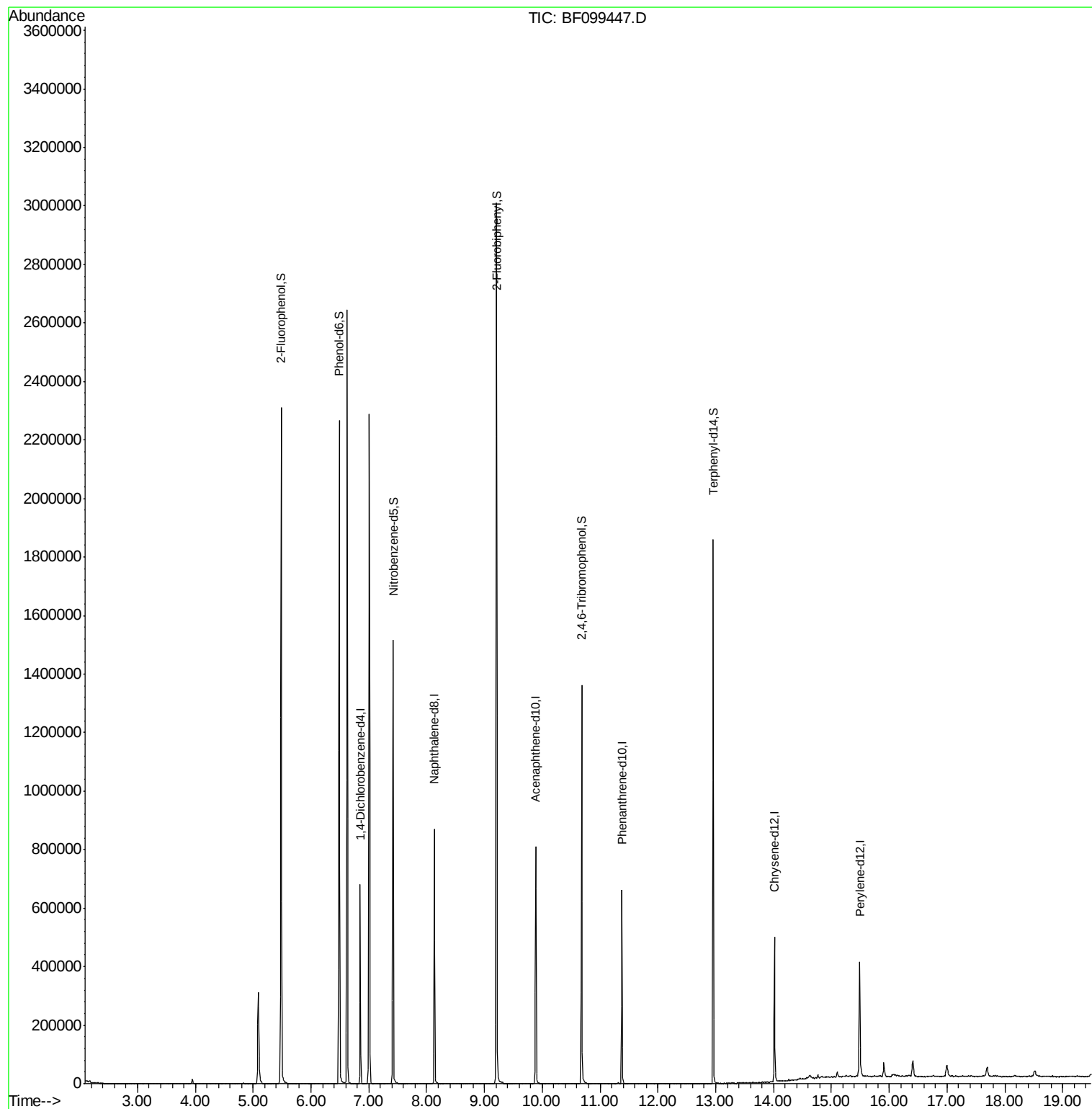
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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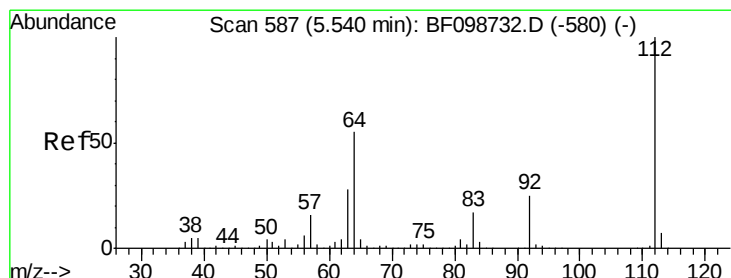
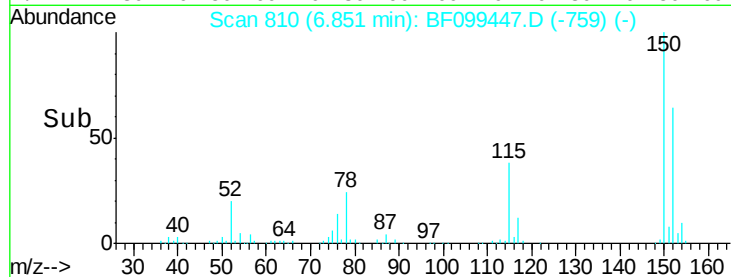
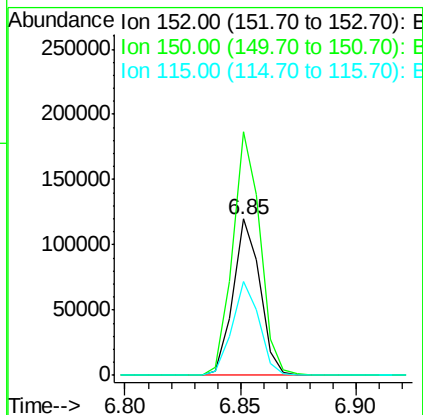
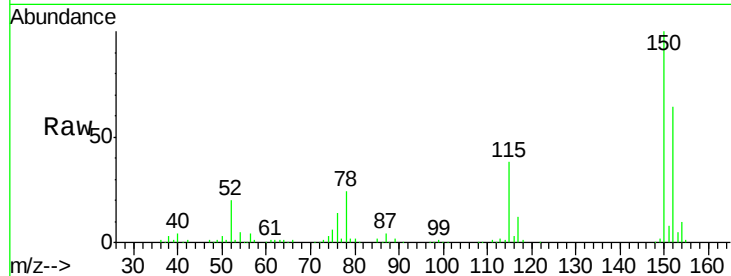


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BL

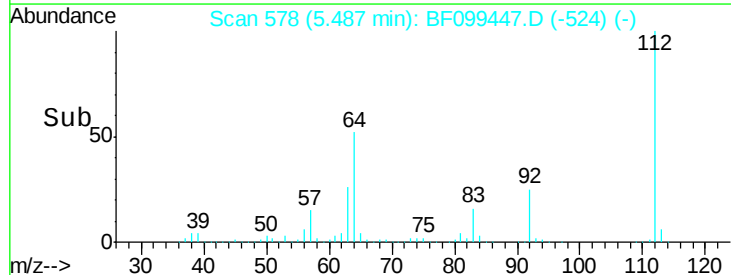
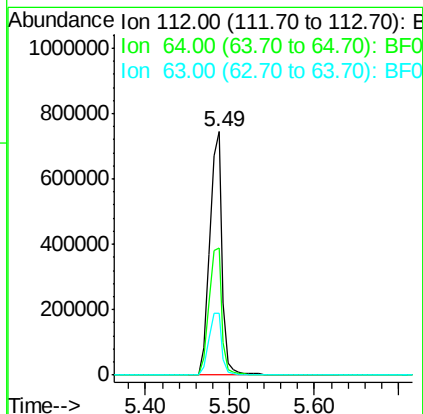
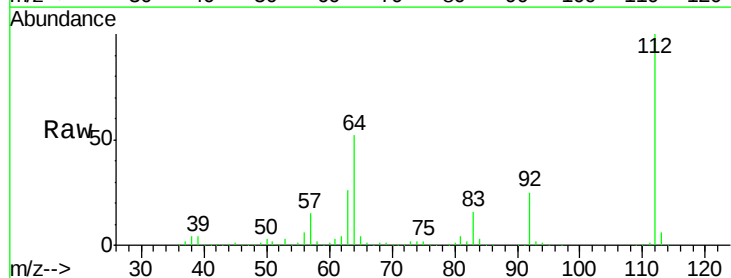
Tgt Ion:152 Resp: 97982
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 59.9 50.1 75.1



#5

2-Fluorophenol
 Concen: 126.06 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion:112 Resp: 775913
 Ion Ratio Lower Upper
 112 100
 64 52.3 47.9 71.9
 63 25.7 23.7 35.5





#7

Phenol-d6

Concen: 119.09 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099447.D

Acq: 13 Oct 2017 18:48

Instrument :

BNA_F

ClientSampleId :

PB103199BL

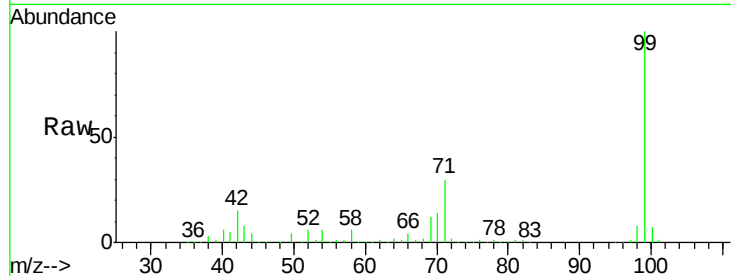
Tgt Ion: 99 Resp: 904217

Ion Ratio Lower Upper

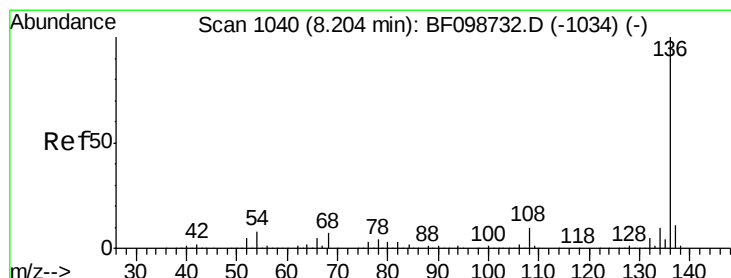
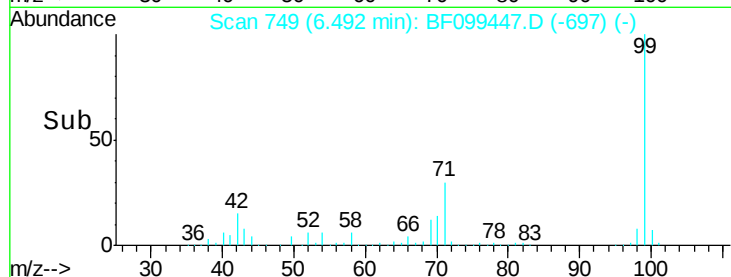
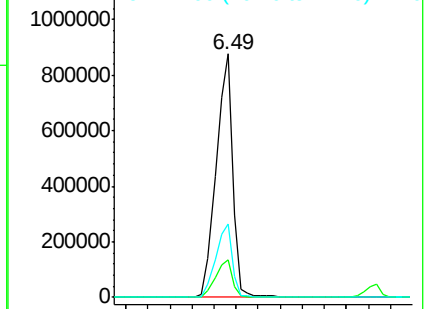
99 100

42 15.2 14.5 21.7

71 30.1 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: BF099447.D

Acq: 13 Oct 2017 18:48

Tgt Ion: 136 Resp: 390505

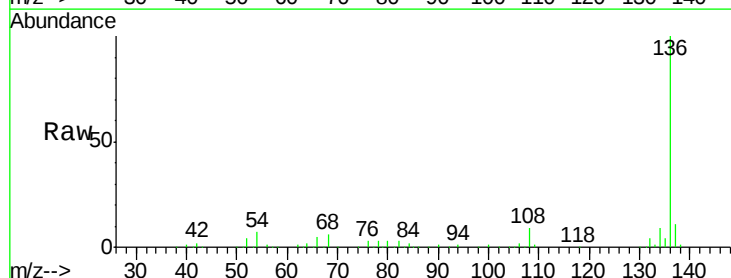
Ion Ratio Lower Upper

136 100

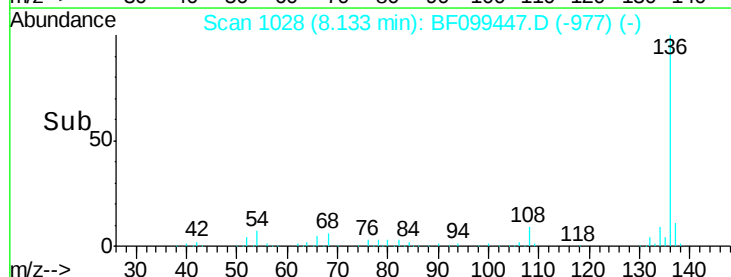
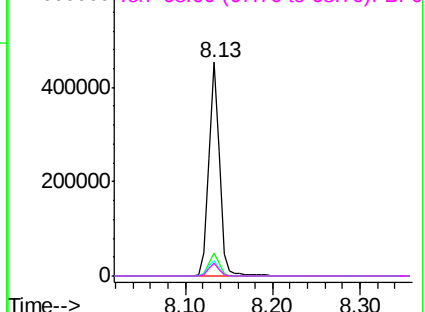
137 11.1 8.9 13.3

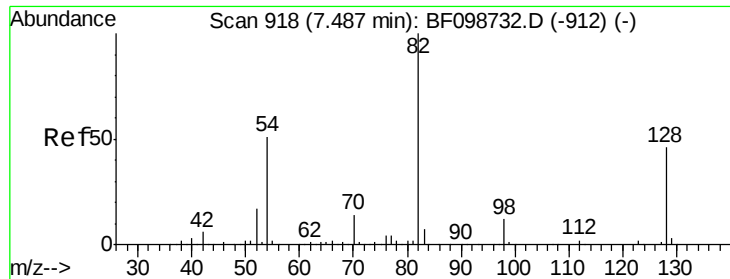
54 7.5 6.6 9.8

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

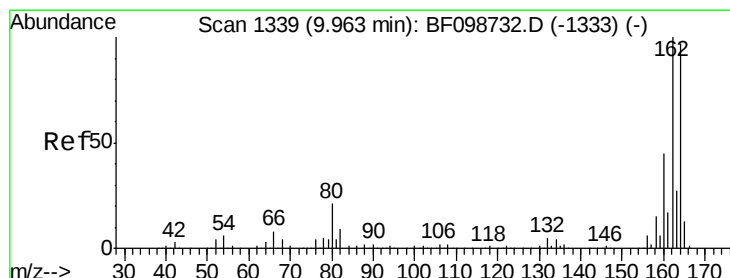
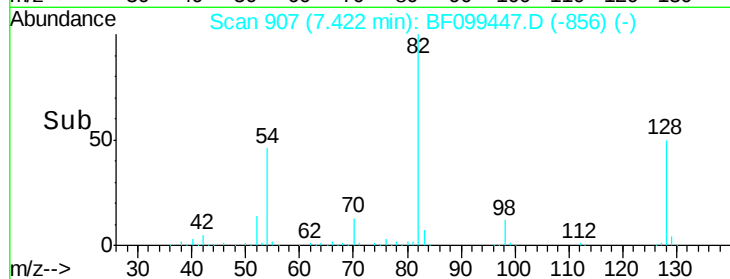
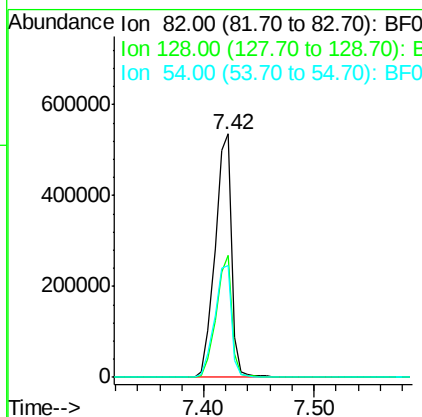
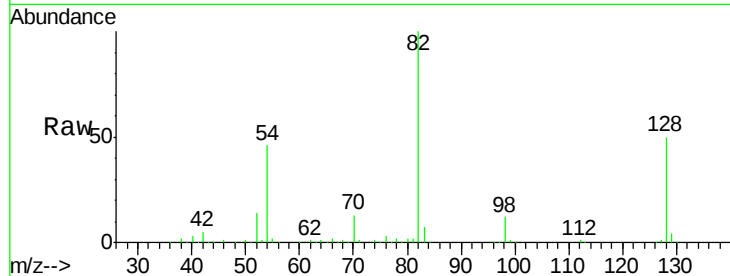




#23
 Nitrobenzene-d5
 Concen: 90.58 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

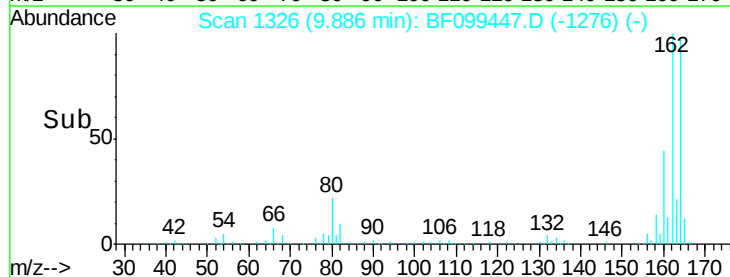
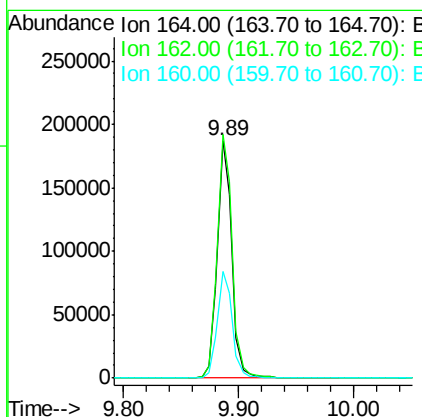
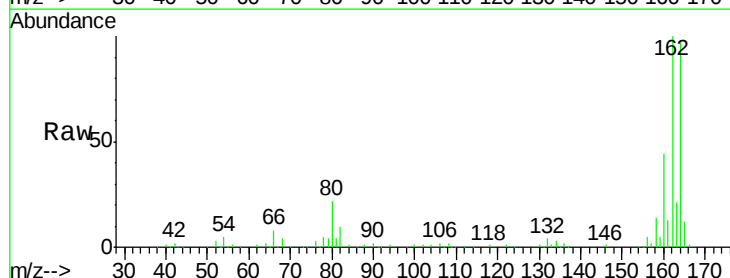
Instrument :
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 ClientSampleId :
 PB103199BL

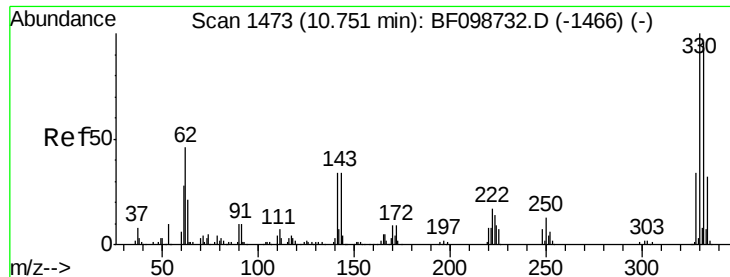
Tgt Ion: 82 Resp: 551579
 Ion Ratio Lower Upper
 82 100
 128 50.1 36.1 54.1
 54 45.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion: 164 Resp: 162570
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.2 38.3 57.5

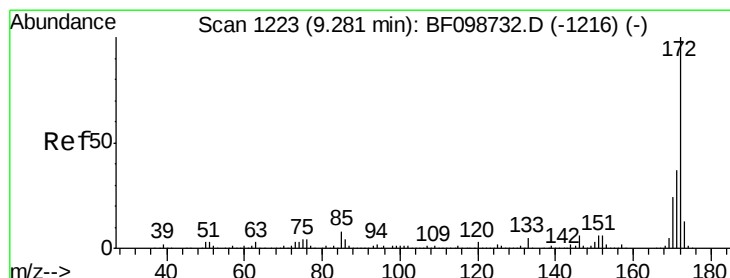
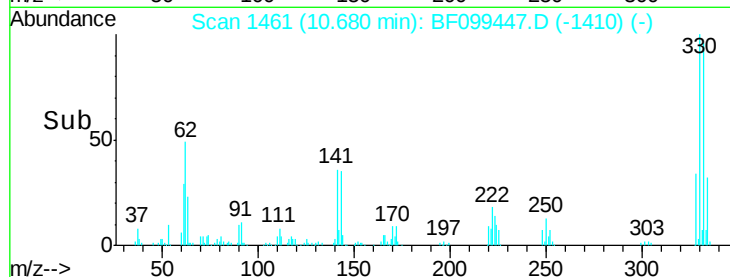
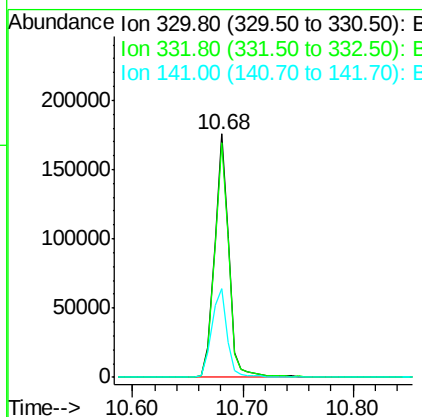
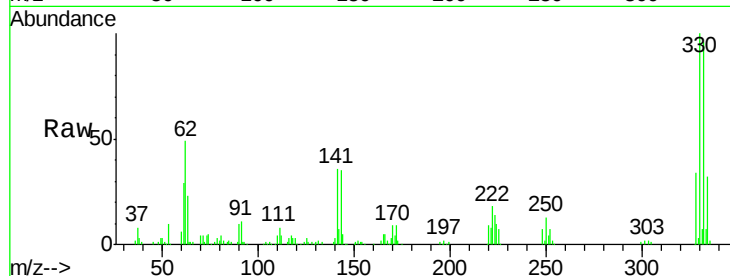




#41
 2,4,6-Tribromophenol
 Concen: 117.29 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

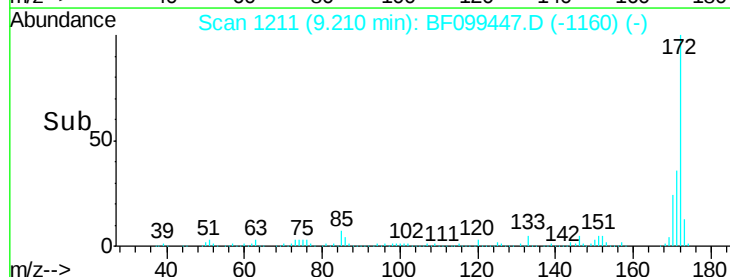
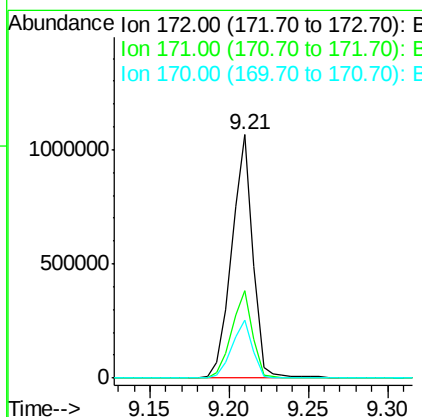
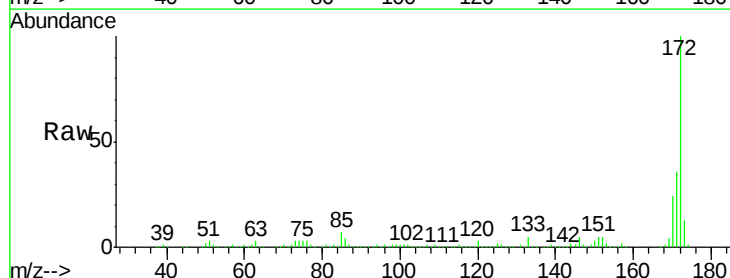
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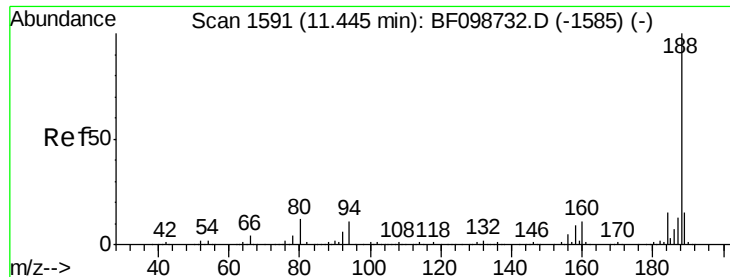
Tgt Ion:330 Resp: 156023
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 39.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 101.46 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion:172 Resp: 988002
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.9 19.6 29.4

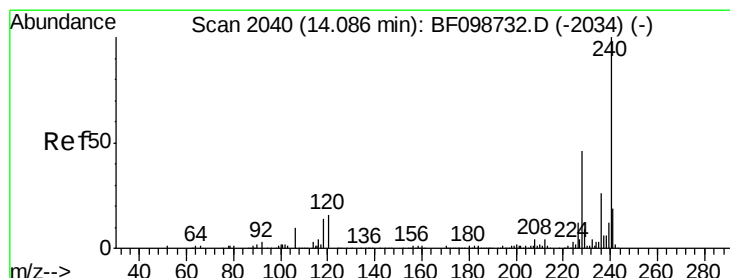
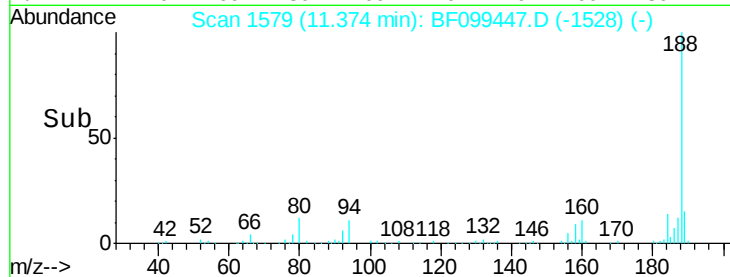
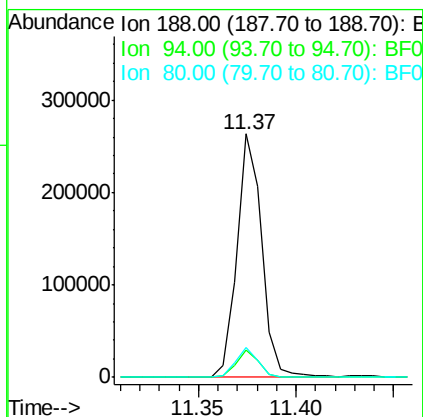
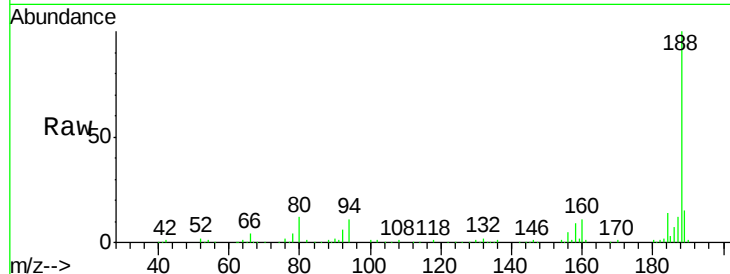




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

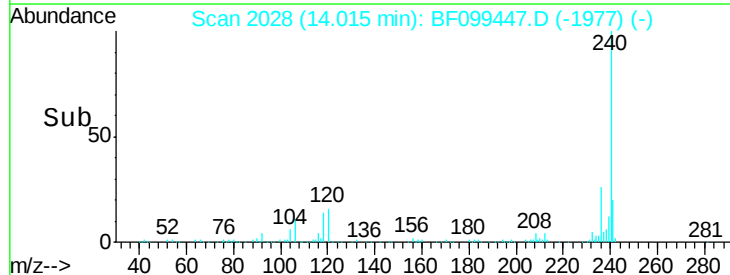
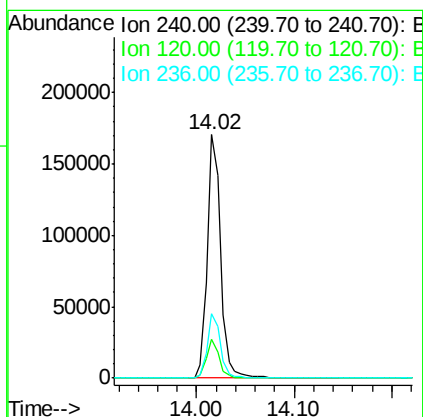
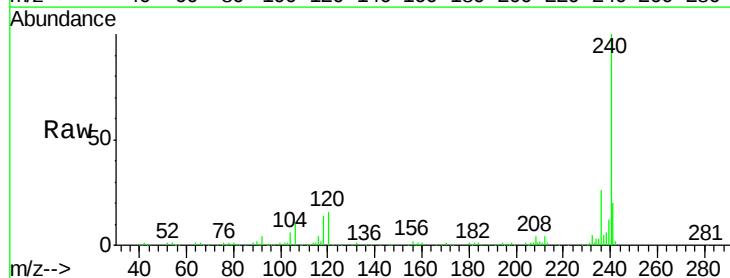
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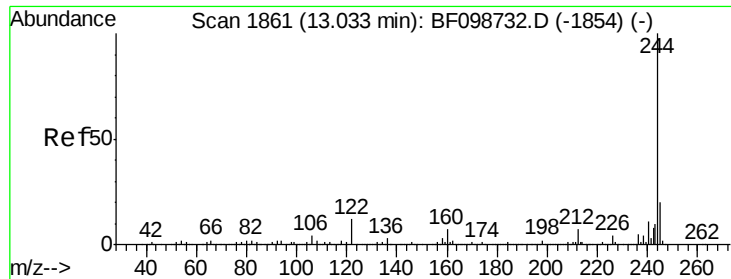
Tgt Ion:188 Resp: 231479
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

Tgt Ion:240 Resp: 163187
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 26.3 20.7 31.1

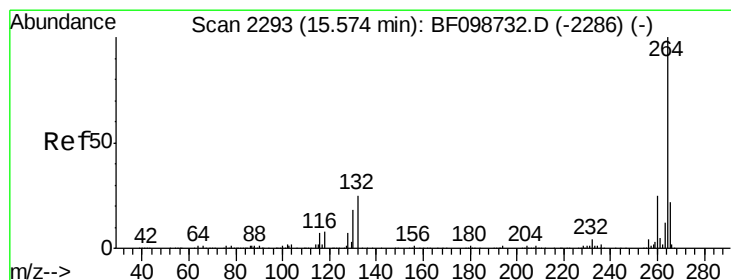
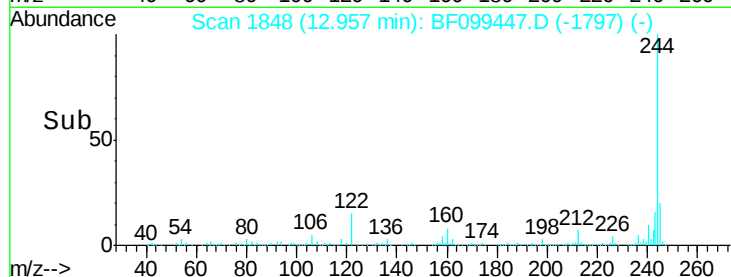
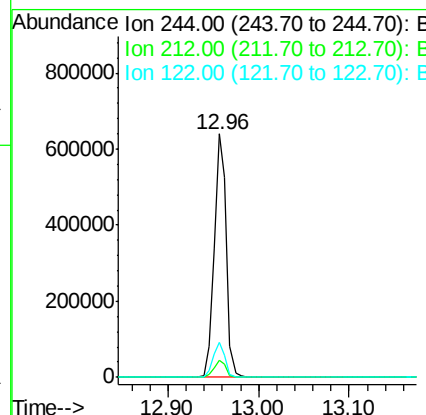
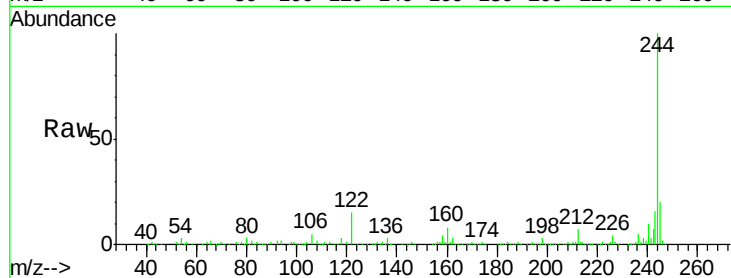




#78
 Terphenyl-d14
 Concen: 83.88 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BL

Tgt Ion:244 Resp: 601892
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.6 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: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion:264 Resp: 181043
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.6 17.5 26.3

