

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100255.D
 Acq On : 6 Nov 2017 17:18
 Operator : SJ/JU
 Sample : PB103997TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103997TB

Quant Time: Nov 07 01:12:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98879	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	400744	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	185586	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	354536	20.00	ng	0.00
75) Chrysene-d12	13.94	240	273388	20.00	ng	0.00
86) Perylene-d12	15.40	264	196253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	647706	102.84	ng	0.01
7) Phenol-d6	6.41	99	751452	100.62	ng	0.00
23) Nitrobenzene-d5	7.33	82	417836	67.13	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	156938	92.79	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	852196	70.85	ng	0.00
78) Terphenyl-d14	12.87	244	795340	63.58	ng	0.00

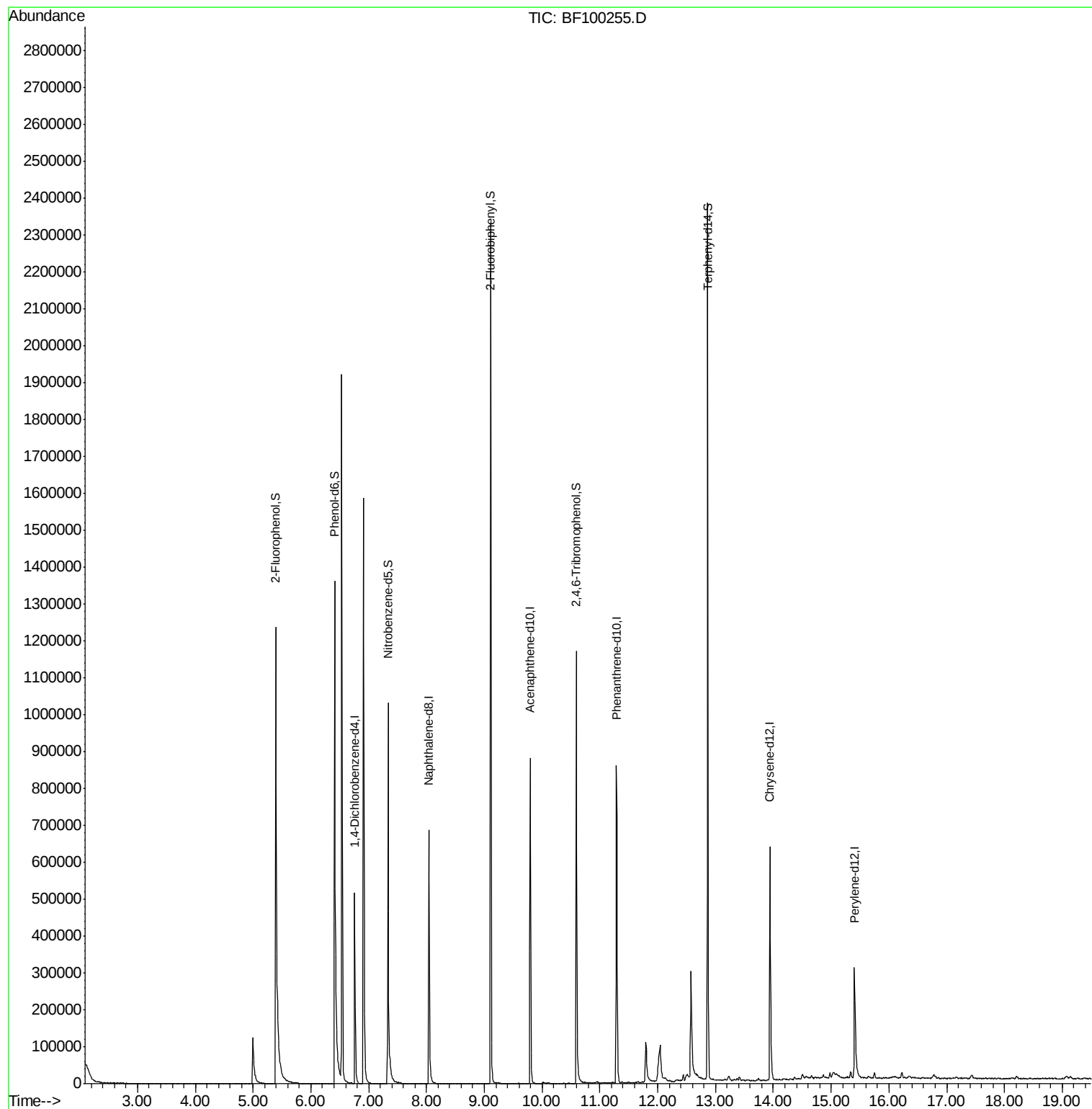
Target Compounds	Qvalue
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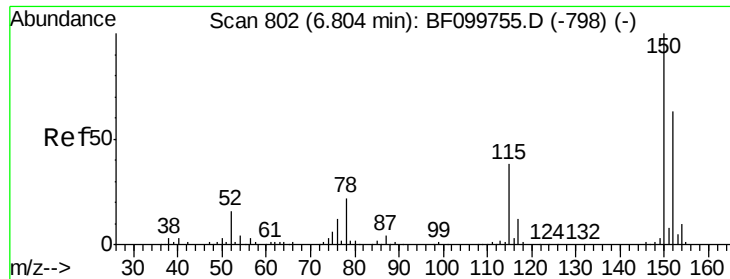
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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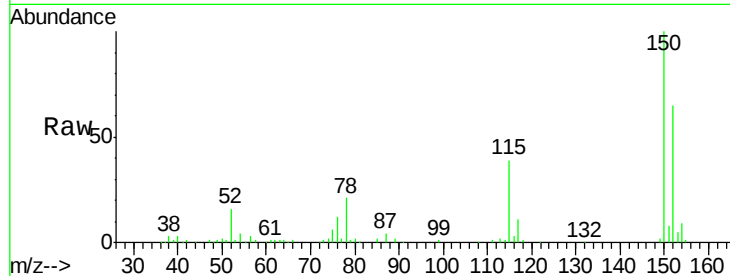




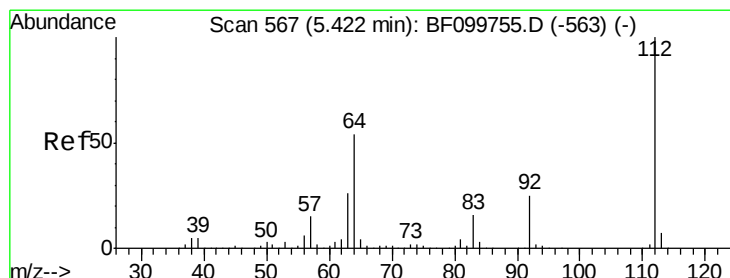
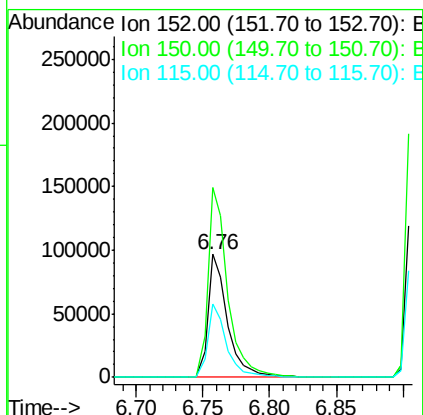
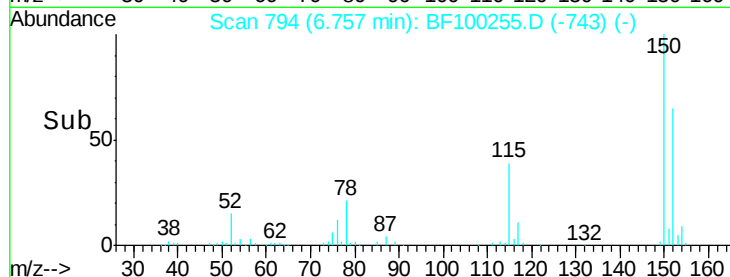
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB103997TB

Tgt Ion:152 Resp: 98879
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 60.1 50.1 75.1

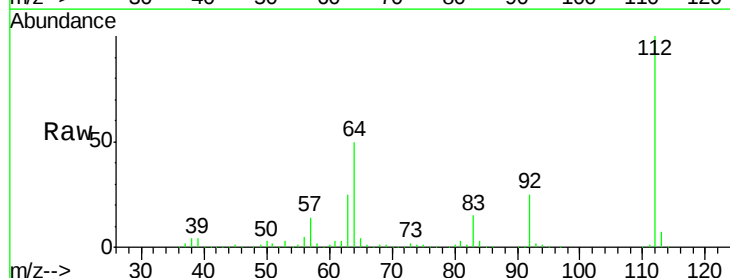


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

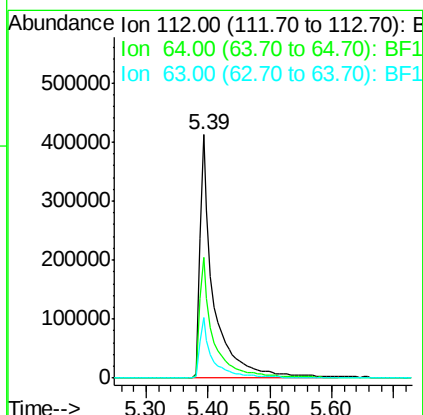
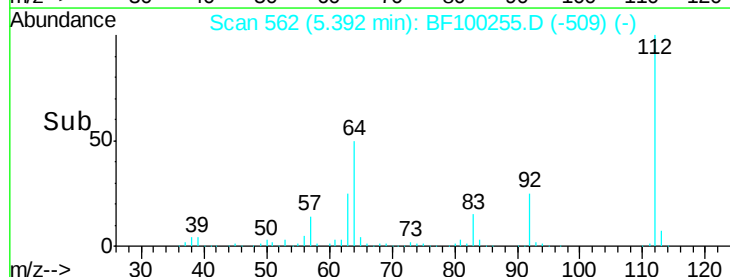


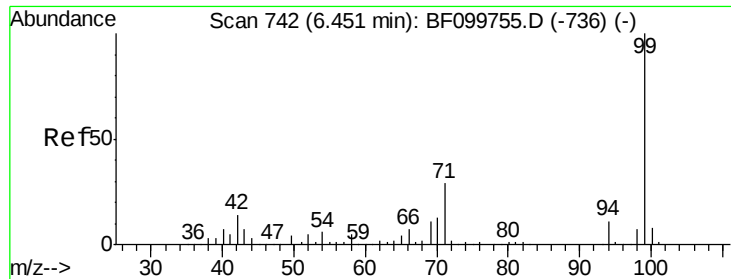
#5
 2-Fluorophenol
 Concen: 102.841 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Tgt Ion:112 Resp: 647706
 Ion Ratio Lower Upper
 112 100
 64 49.6 47.9 71.9
 63 24.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.625 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100255.D

Acq: 6 Nov 2017 17:18

Instrument :

BNA_F

ClientSampleId :

PB103997TB

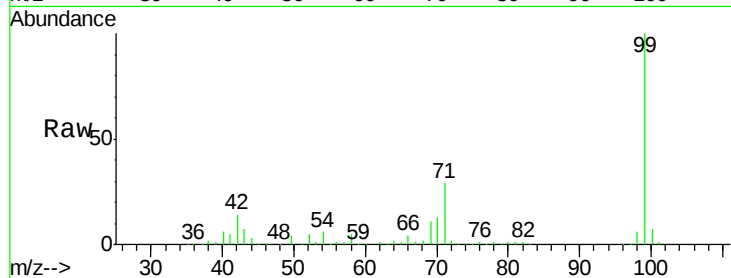
Tgt Ion: 99 Resp: 751452

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

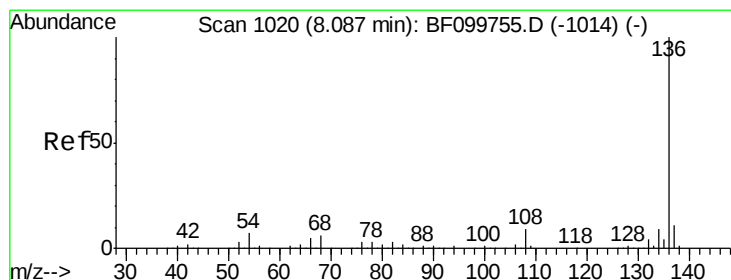
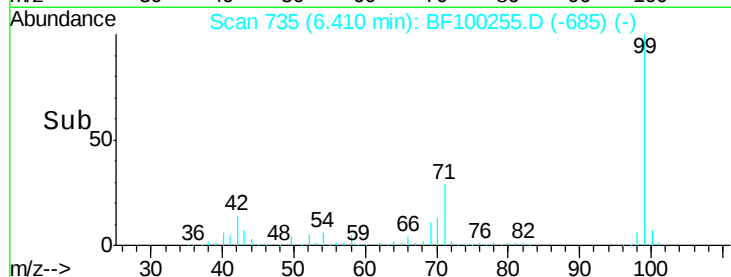
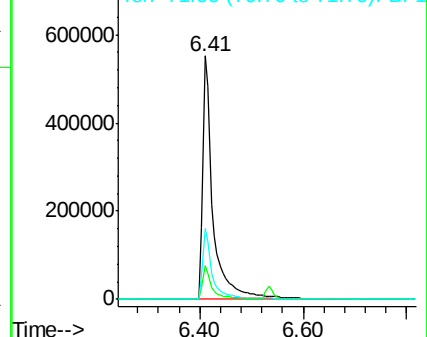
71 29.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100255.D

Acq: 6 Nov 2017 17:18

Tgt Ion: 136 Resp: 400744

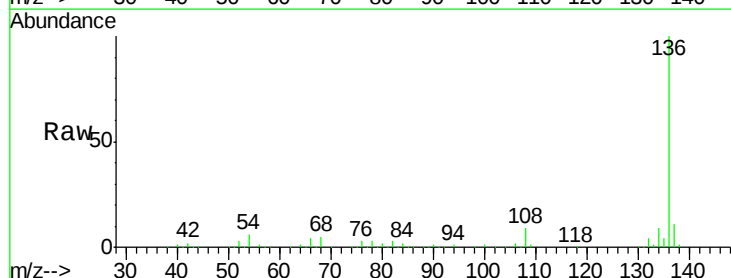
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 5.0 7.4

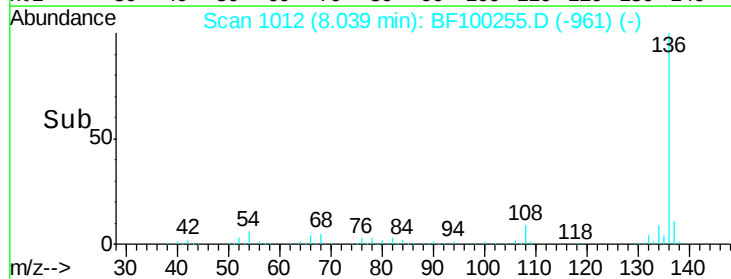
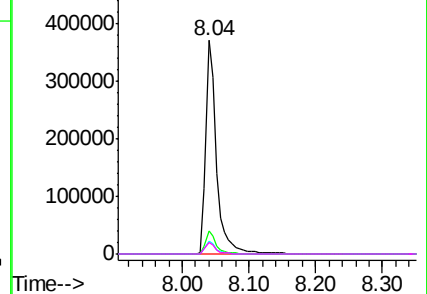


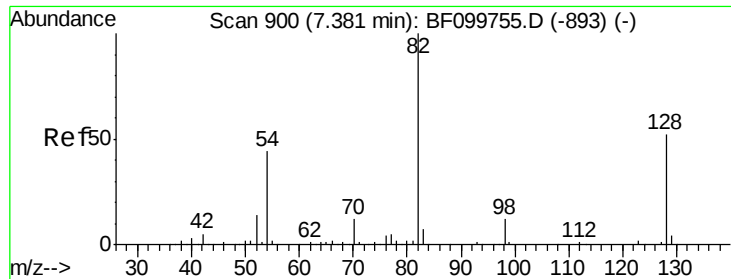
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

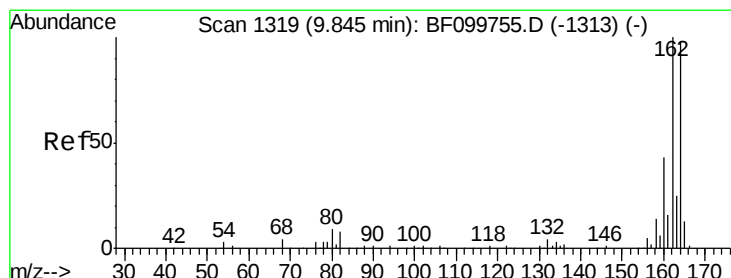
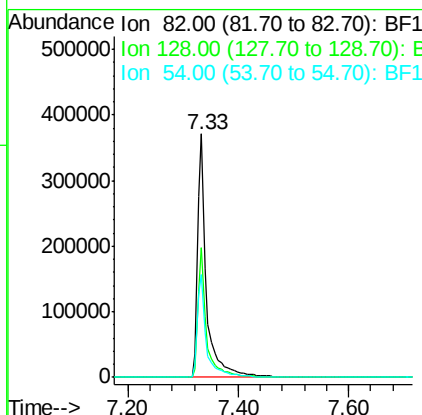
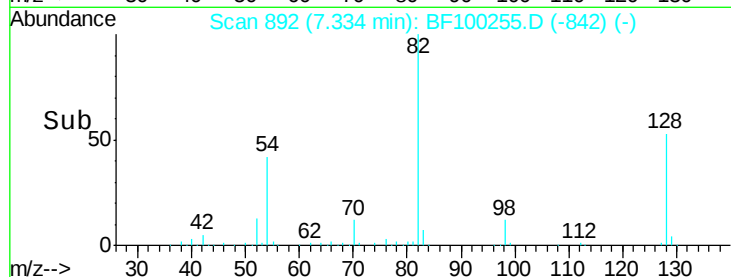
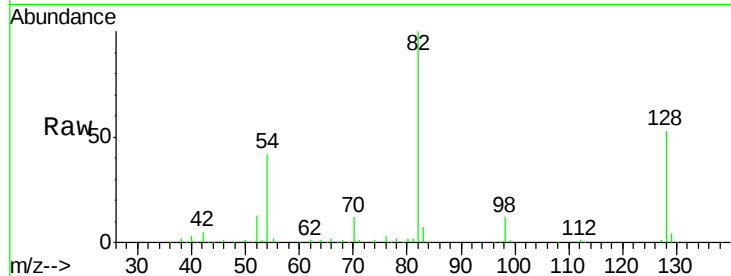




#23
 Nitrobenzene-d5
 Concen: 67.126 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

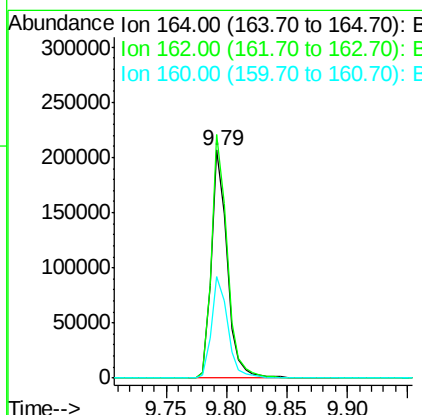
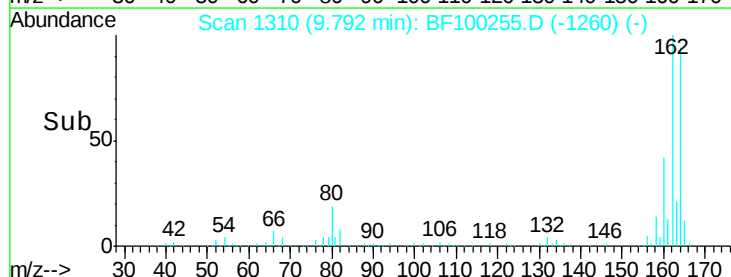
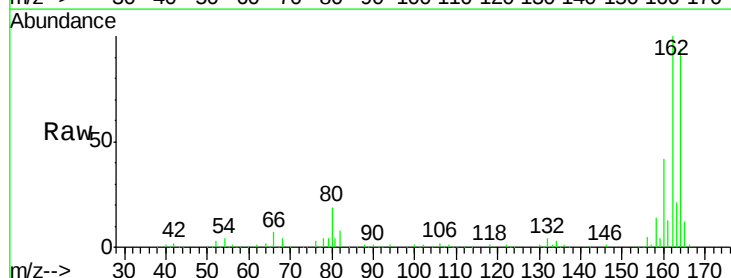
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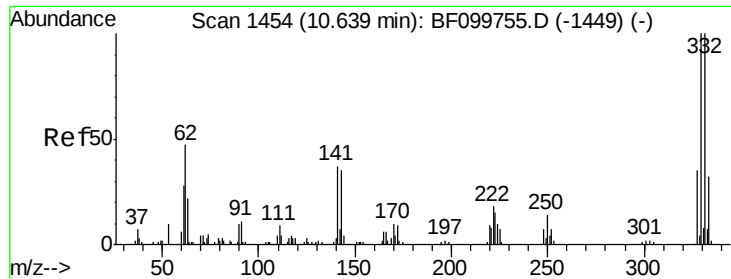
Tgt Ion: 82 Resp: 417836
 Ion Ratio Lower Upper
 82 100
 128 53.1 36.1 54.1
 54 42.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Tgt Ion: 164 Resp: 185586
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 44.4 38.3 57.5

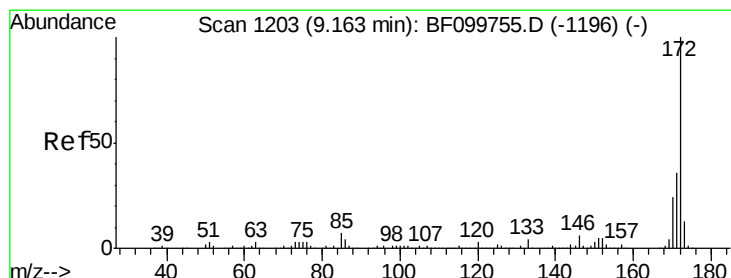
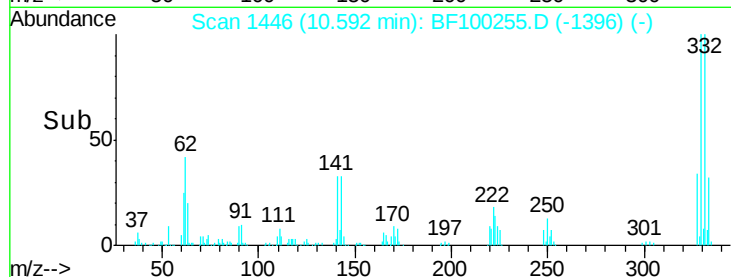
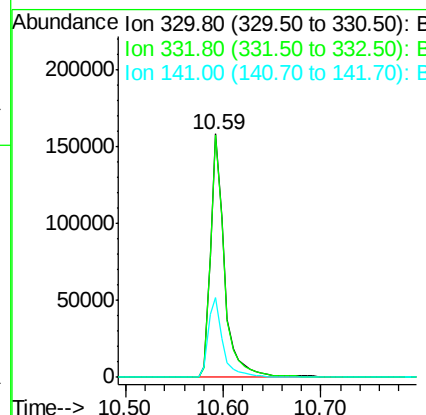
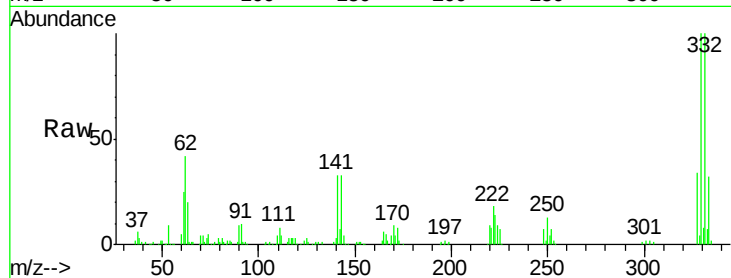




#41
 2,4,6-Tribromophenol
 Concen: 92.793 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

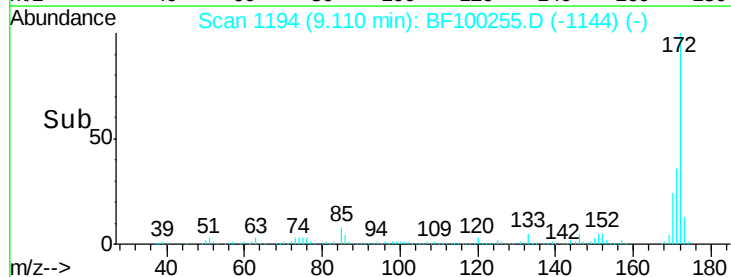
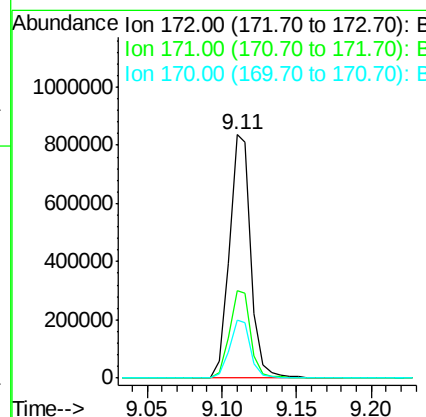
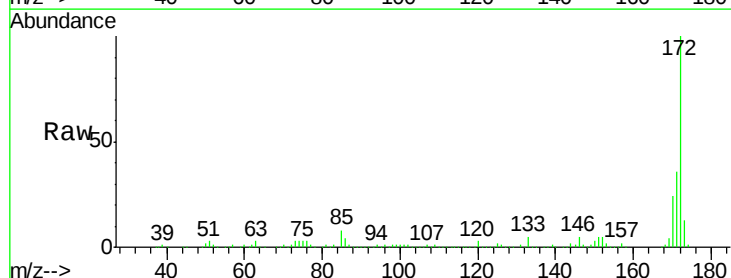
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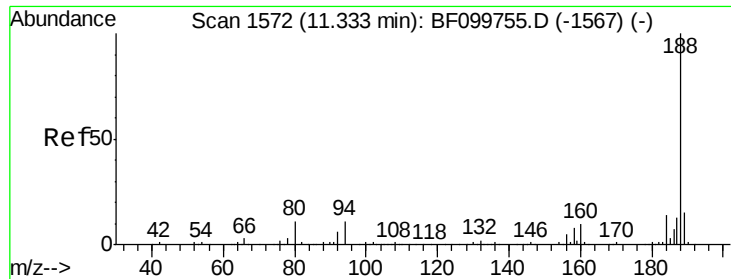
Tgt Ion:330 Resp: 156938
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.6
 141 34.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 70.846 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Tgt Ion:172 Resp: 852196
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 19.6 29.4

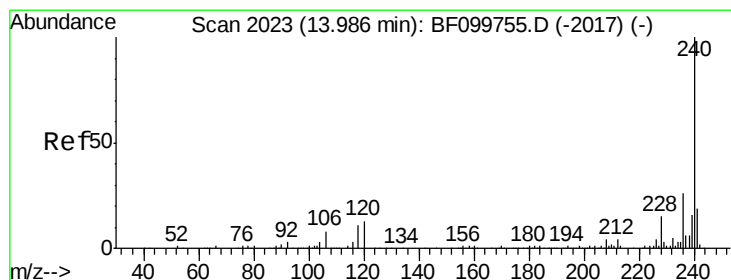
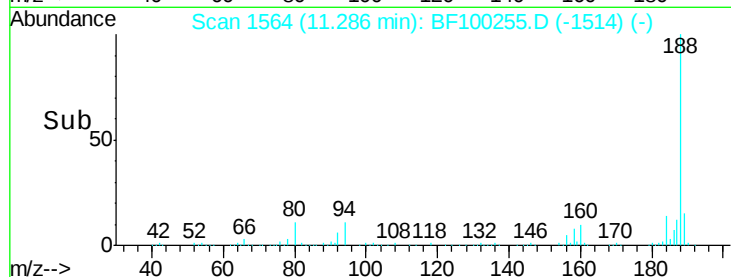
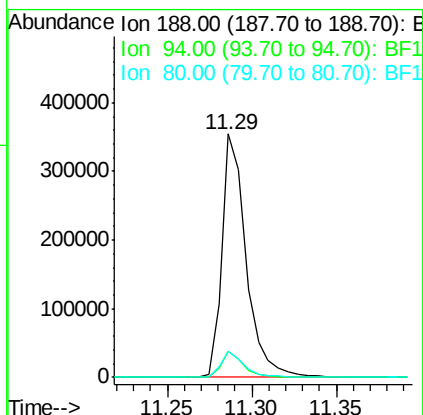
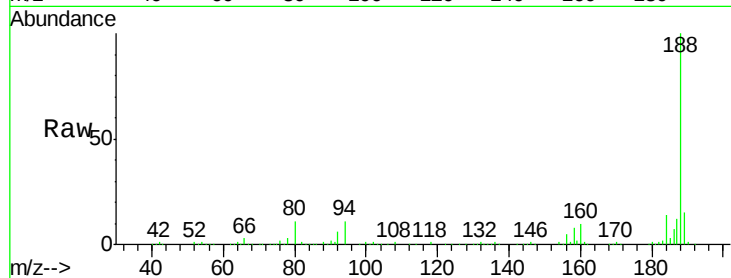




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

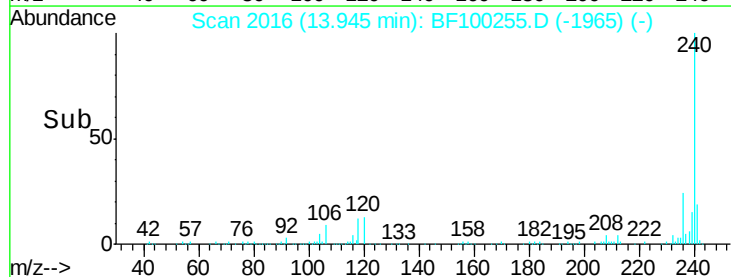
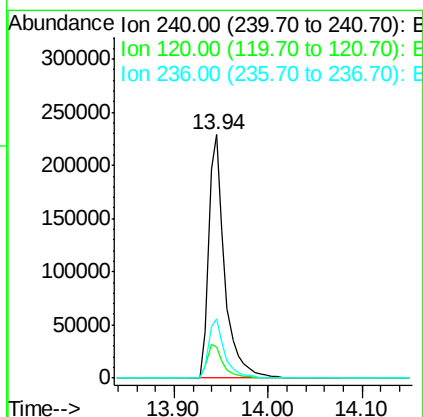
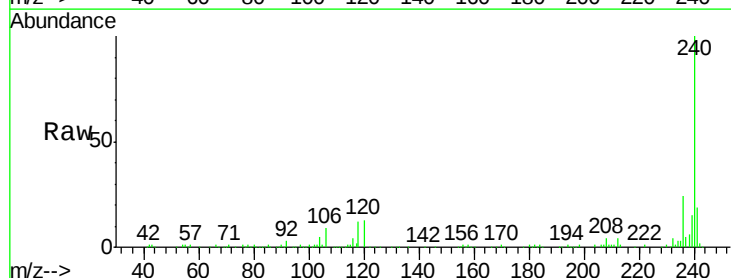
Instrument :
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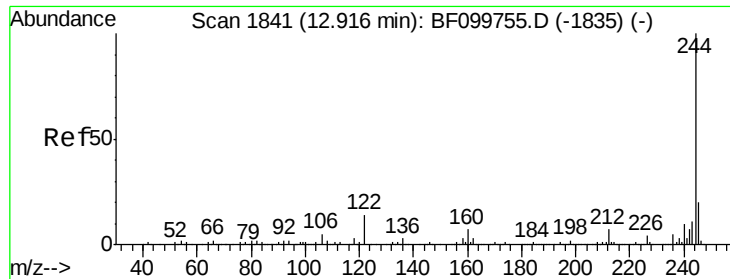
Tgt Ion:188 Resp: 354536
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Tgt Ion:240 Resp: 273388
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.3 20.7 31.1

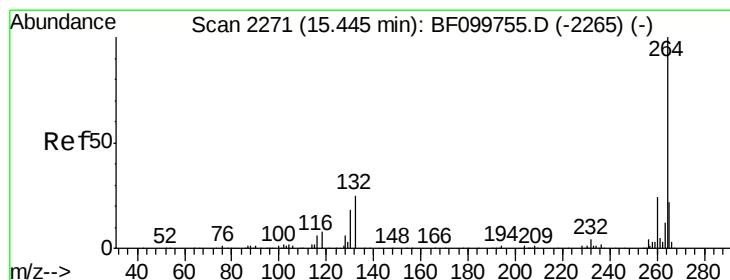
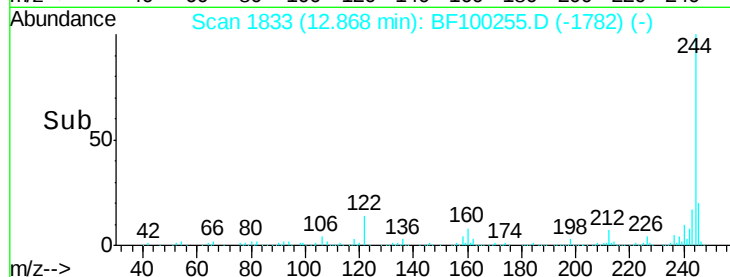
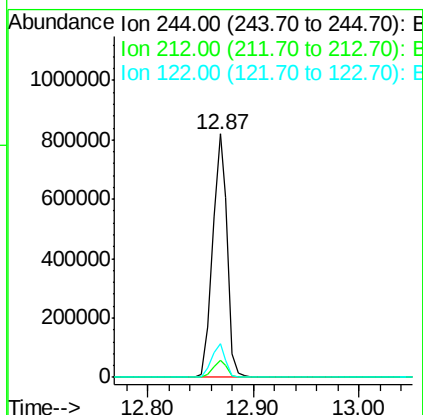
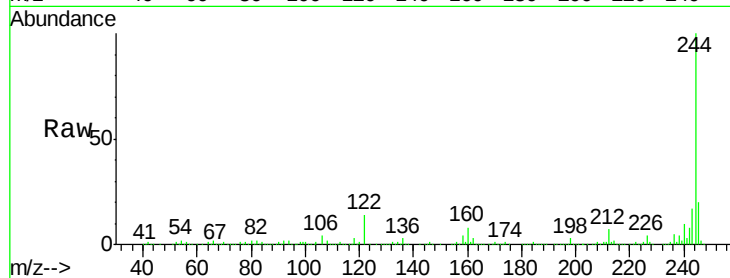




#78
 Terphenyl-d14
 Concen: 63.577 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB103997TB

Tgt Ion:244 Resp: 795340
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Tgt Ion:264 Resp: 196253
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 20.3 17.5 26.3

