

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100263.D
 Acq On : 6 Nov 2017 20:54
 Operator : SJ/JU
 Sample : PB104022TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104022TB

Quant Time: Nov 07 01:40:23 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	78961	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	331208	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	154977	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	278117	20.00	ng	0.00
75) Chrysene-d12	13.94	240	141378	20.00	ng	0.00
86) Perylene-d12	15.41	264	140600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	553570	110.07	ng	0.01
7) Phenol-d6	6.41	99	671356	112.58	ng	0.00
23) Nitrobenzene-d5	7.33	82	362702	70.50	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	142453	100.86	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	788015	78.45	ng	0.00
78) Terphenyl-d14	12.87	244	623717	96.41	ng	0.00

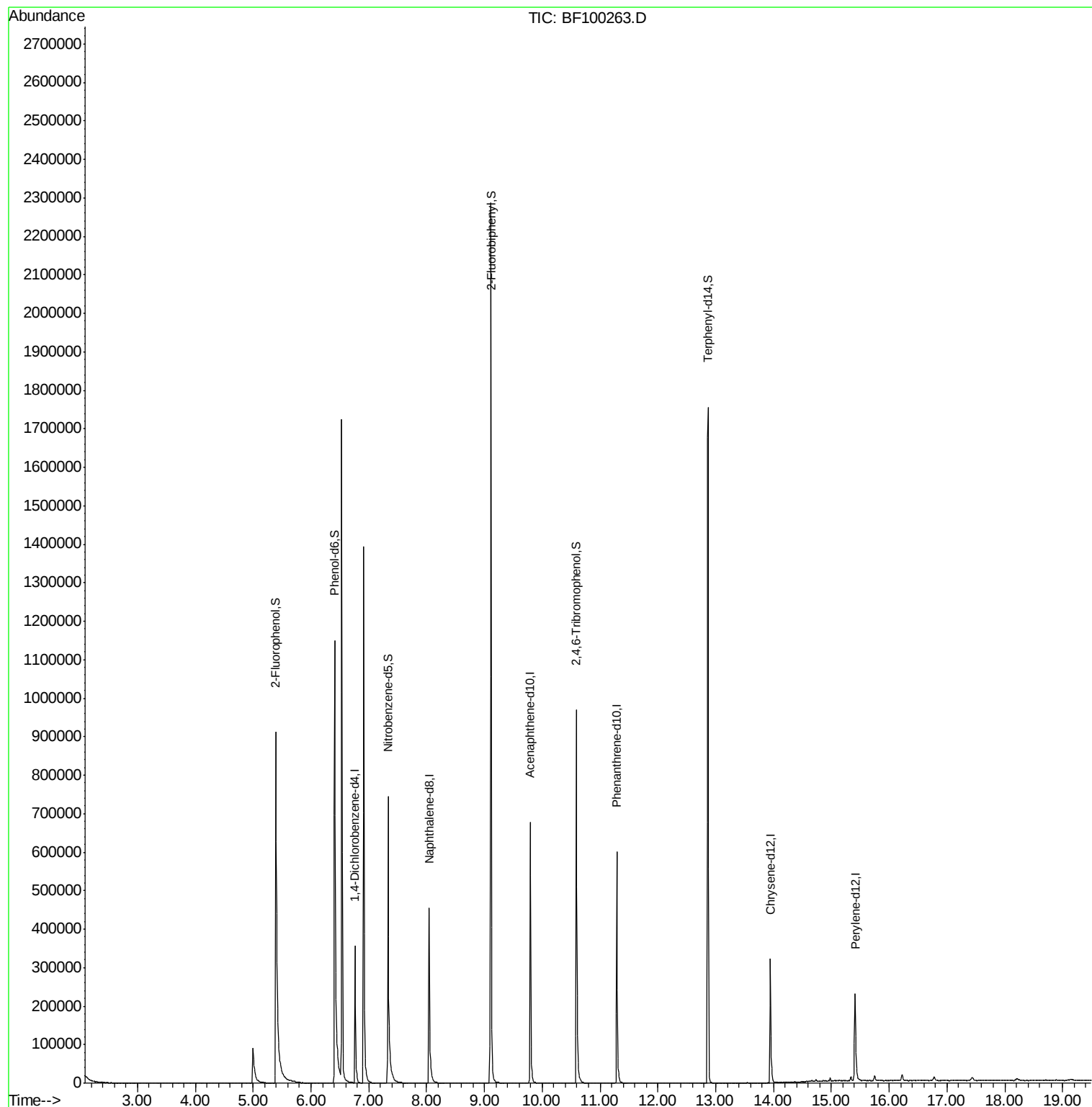
Target Compounds	Qvalue
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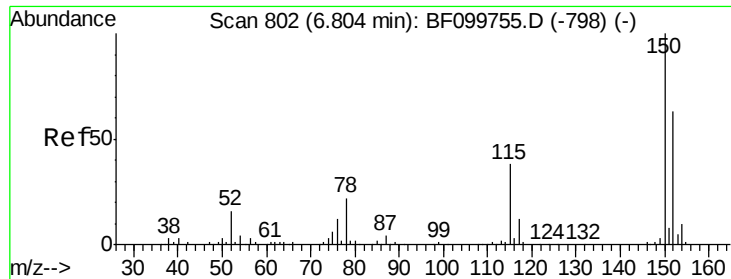
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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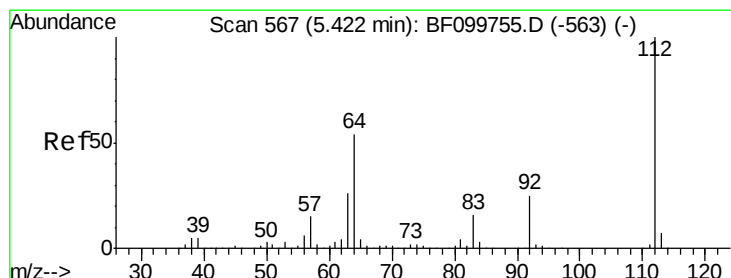
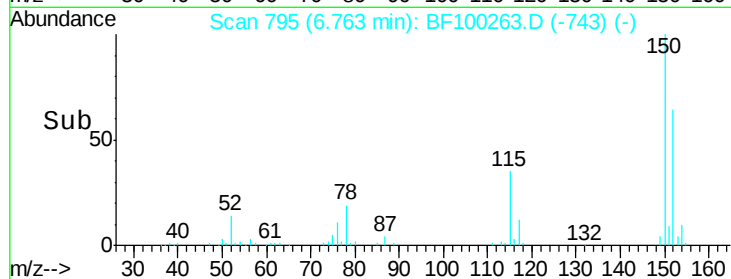
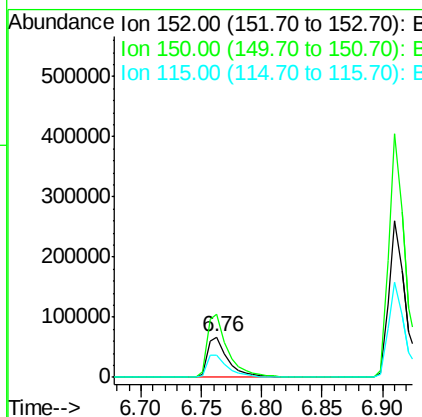
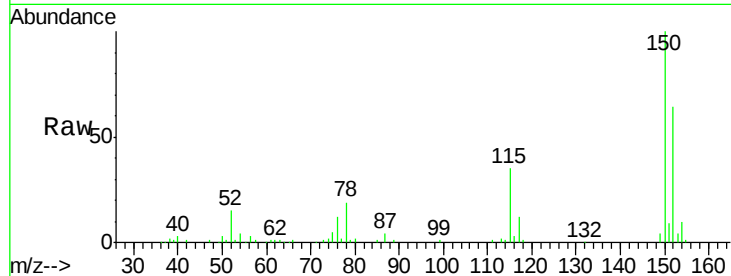




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

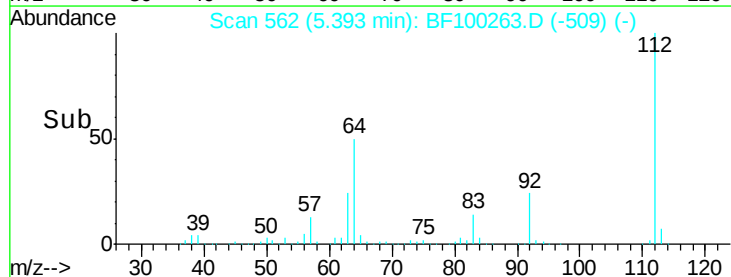
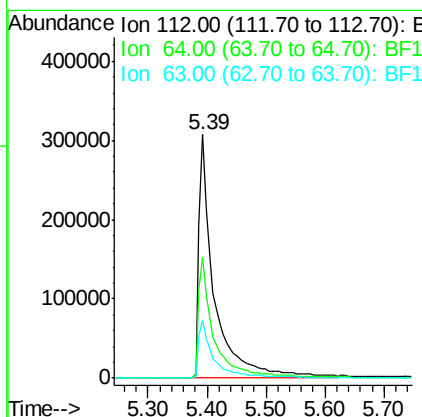
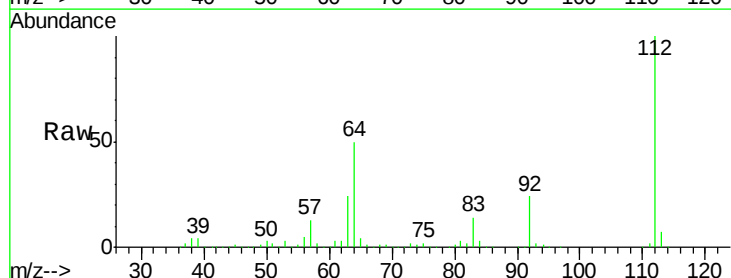
Instrument :
 BNA_F
 ClientSampleId :
 PB104022TB

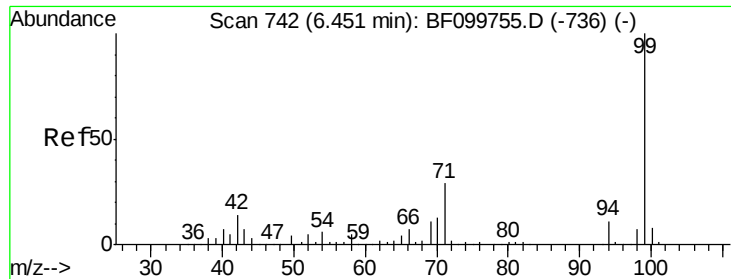
Tgt Ion:152 Resp: 78961
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 55.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 110.065 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Tgt Ion:112 Resp: 553570
 Ion Ratio Lower Upper
 112 100
 64 49.5 47.9 71.9
 63 23.9 23.7 35.5





#7

Phenol-d6

Concen: 112.577 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

PB104022TB

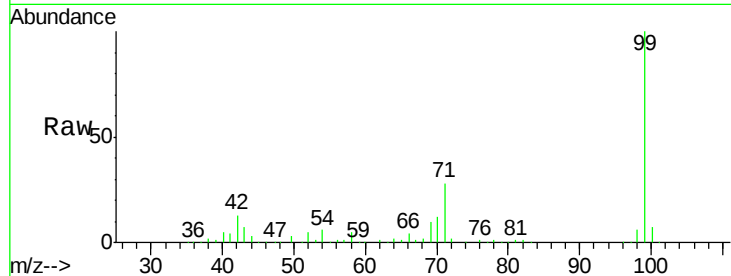
Tgt Ion: 99 Resp: 671356

Ion Ratio Lower Upper

99 100

42 12.7 14.5 21.7#

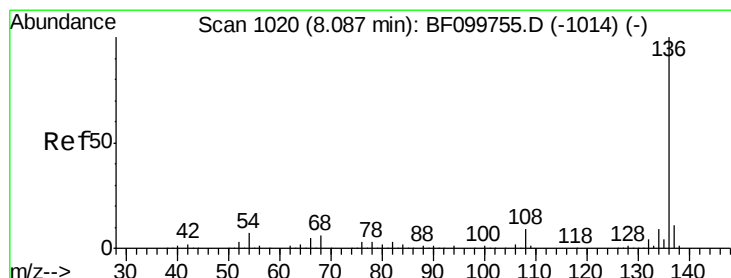
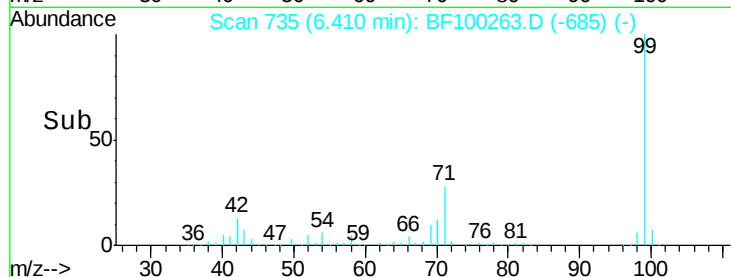
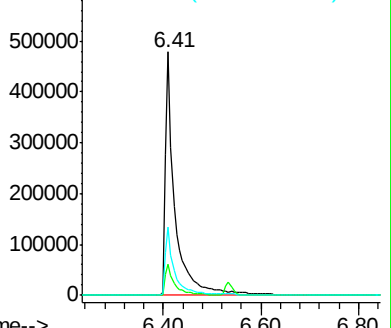
71 27.9 25.4 38.0



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: 8.05 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

Tgt Ion: 136 Resp: 331208

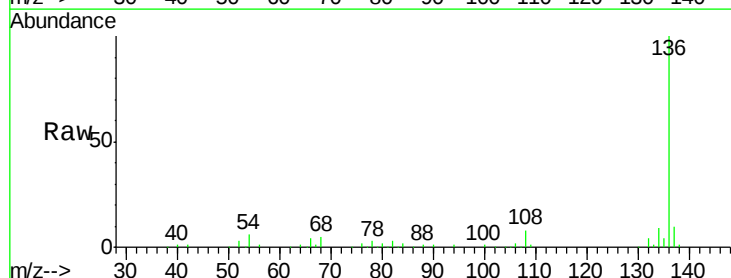
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 5.7 6.6 9.8#

68 5.4 5.0 7.4

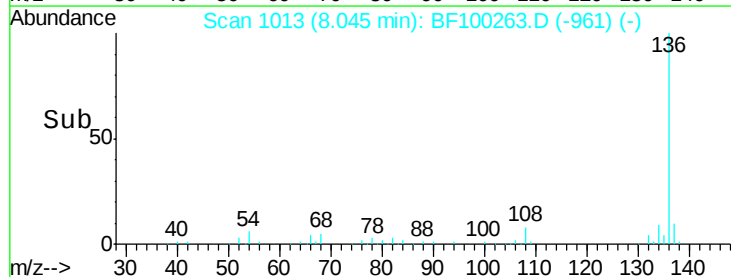
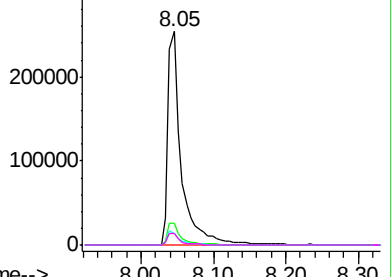


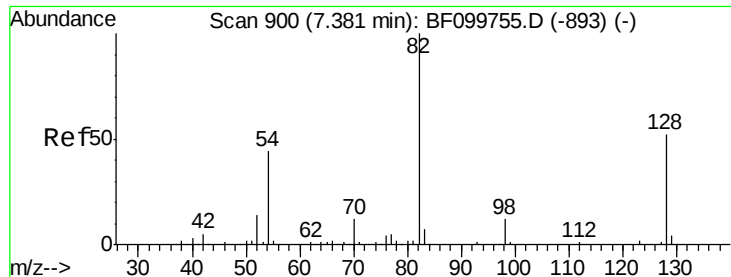
Abundance Ion 136.00 (135.70 to 136.70): E

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

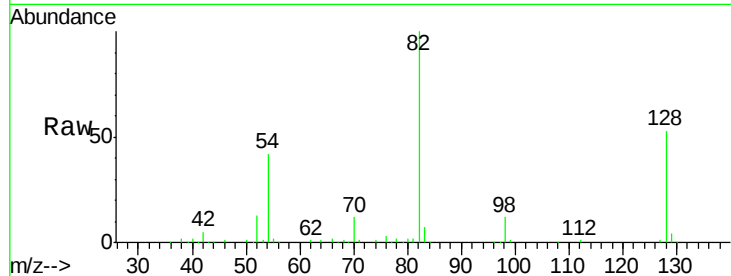




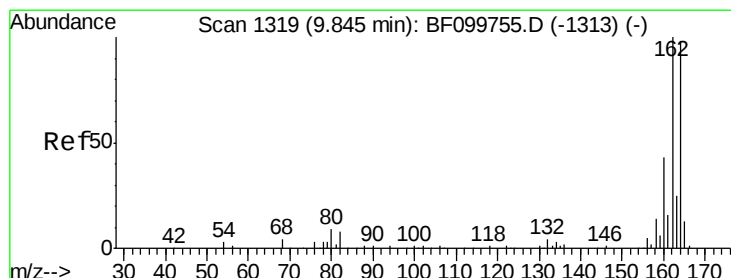
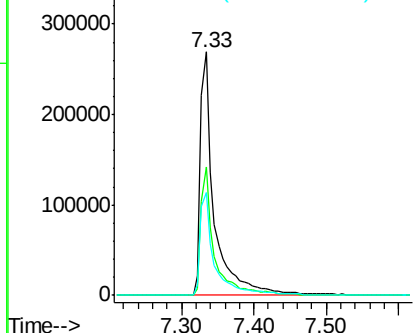
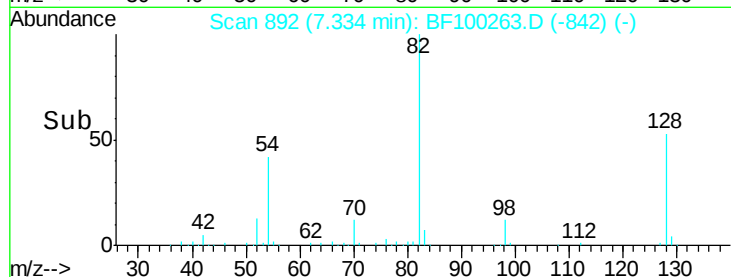
#23
 Nitrobenzene-d5
 Concen: 70.502 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB104022TB

Tgt Ion: 82 Resp: 362702
 Ion Ratio Lower Upper
 82 100
 128 52.7 36.1 54.1
 54 42.1 41.4 62.2

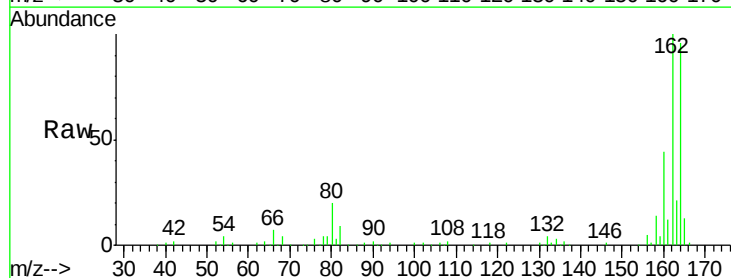


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

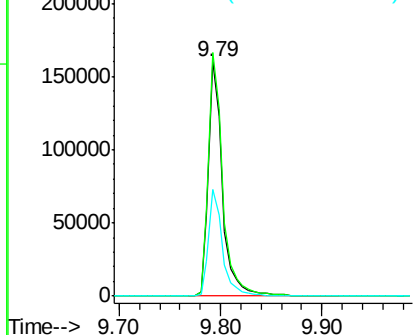
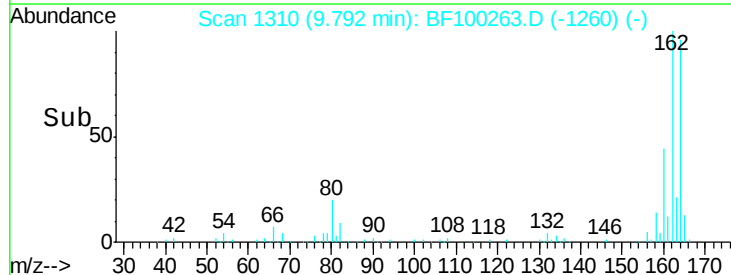


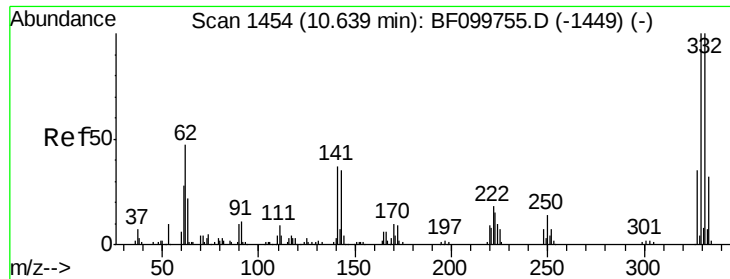
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Tgt Ion: 164 Resp: 154977
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.5 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

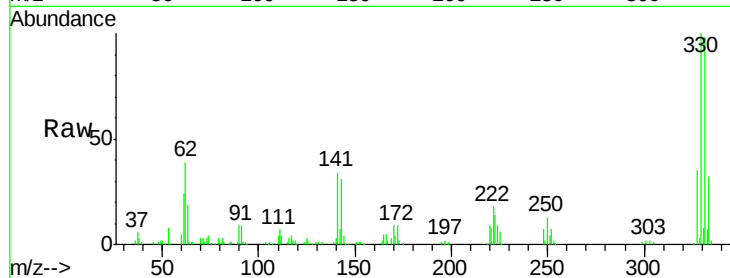




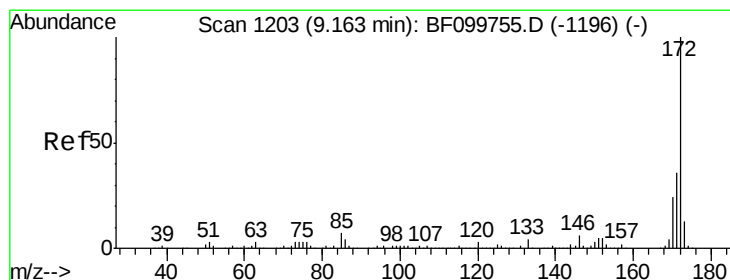
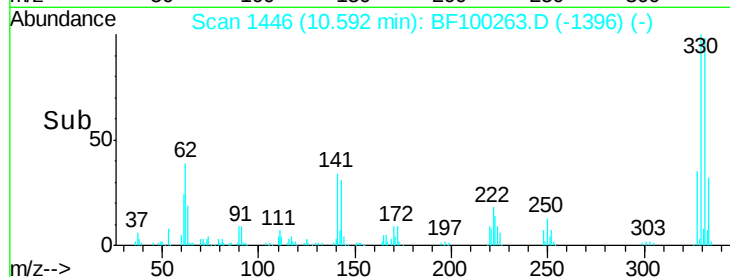
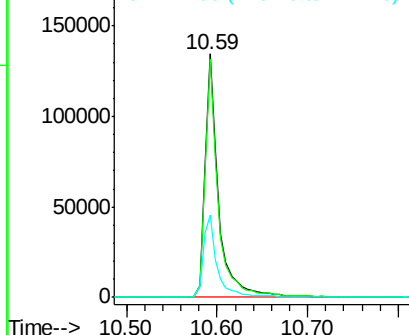
#41
 2,4,6-Tribromophenol
 Concen: 100.864 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB104022TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.7	29.9	44.9

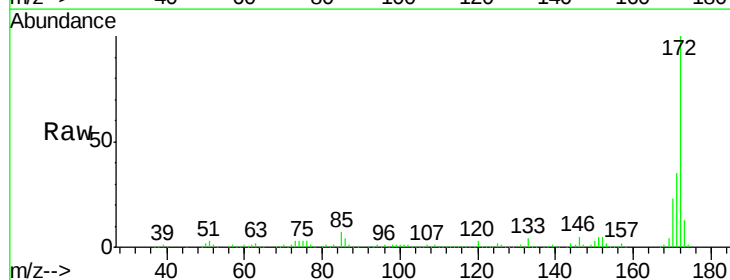


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

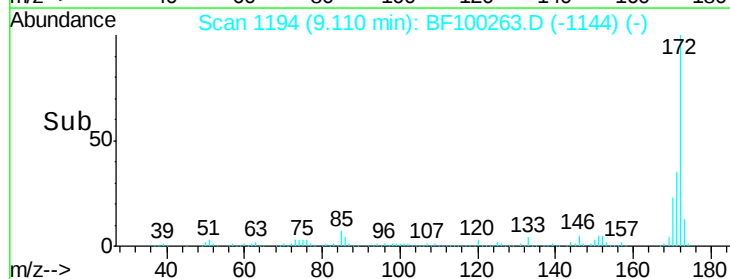
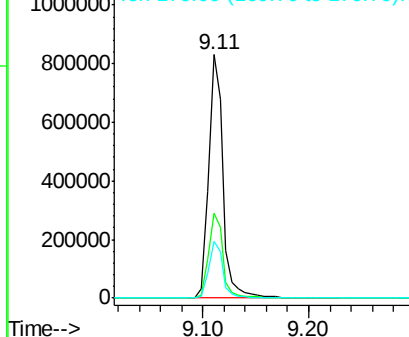


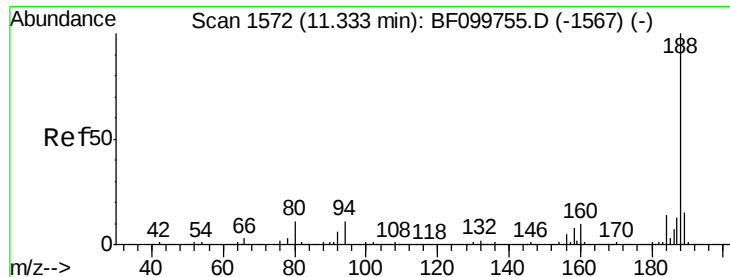
#44
 2-Fluorobiphenyl
 Concen: 78.449 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.3	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

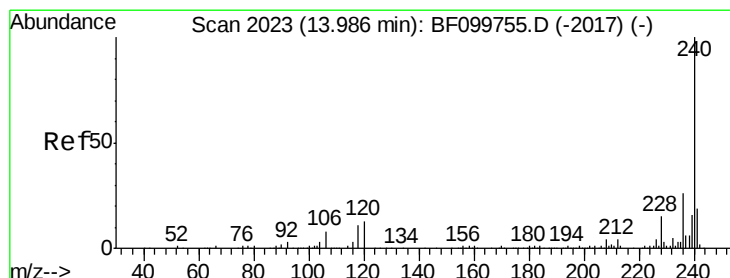
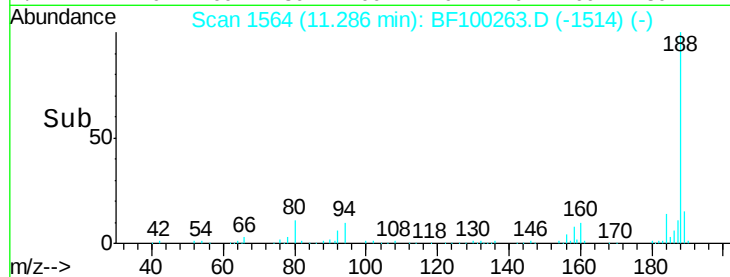
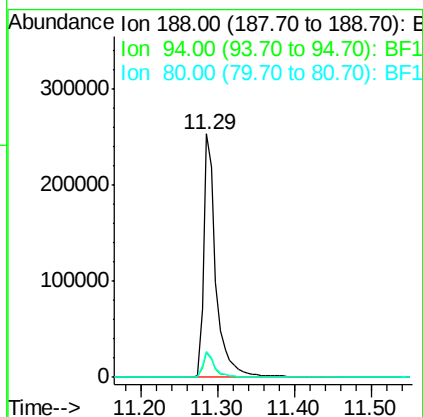
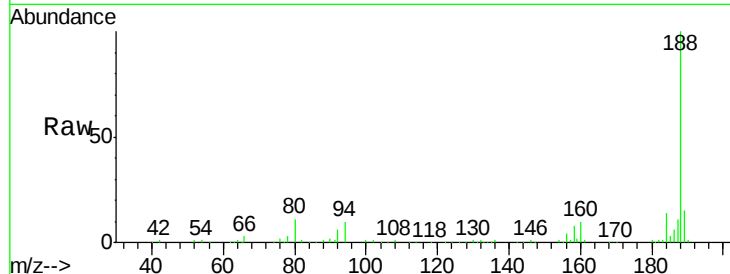




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

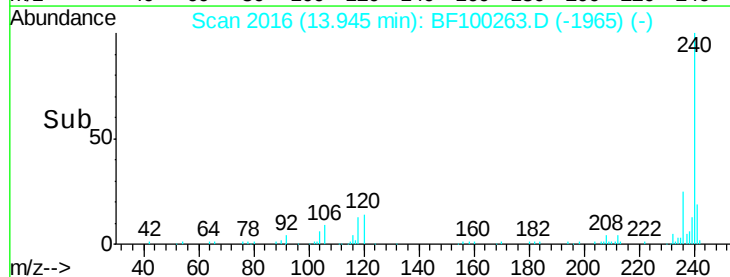
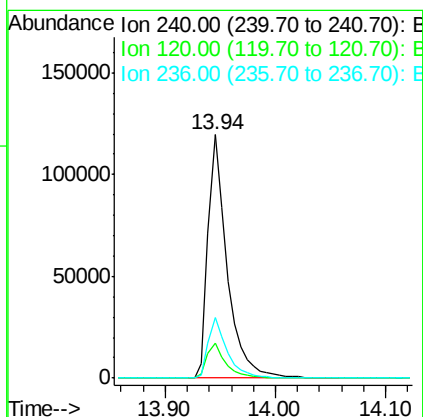
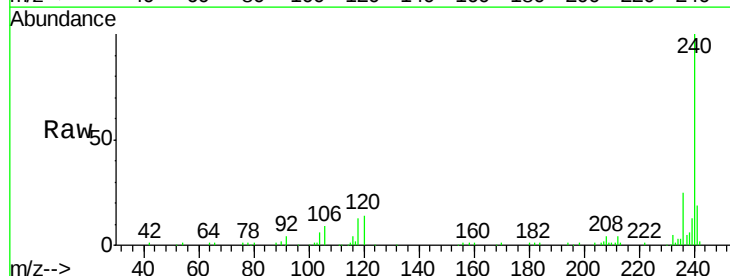
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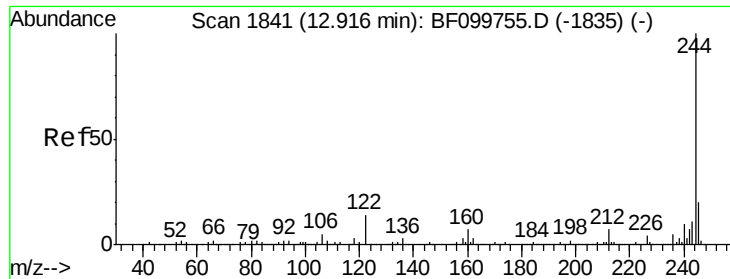
Tgt Ion:188 Resp: 278117
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:240 Resp: 141378
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 96.412 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

PB104022TB

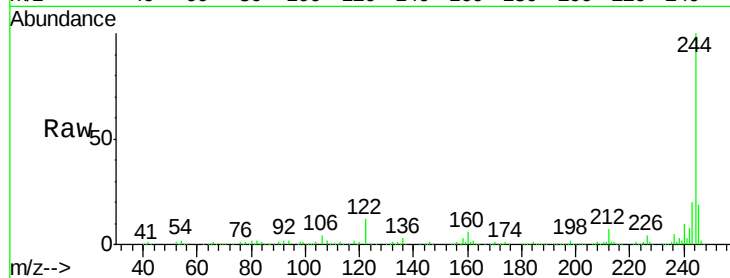
Tgt Ion:244 Resp: 623717

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

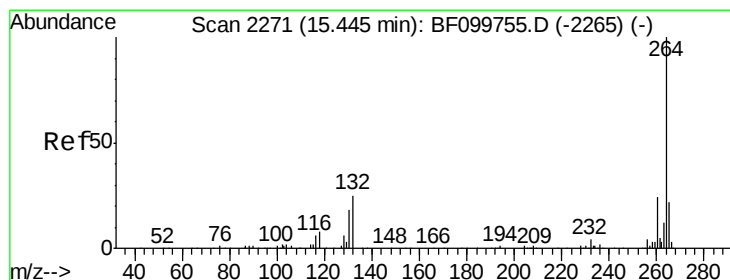
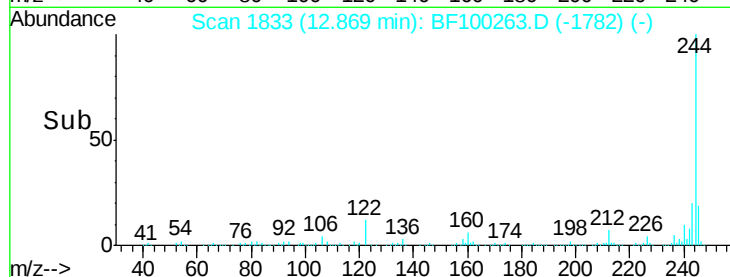
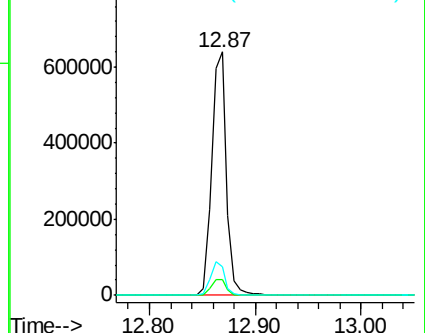
122 11.6 11.0 16.4



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: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

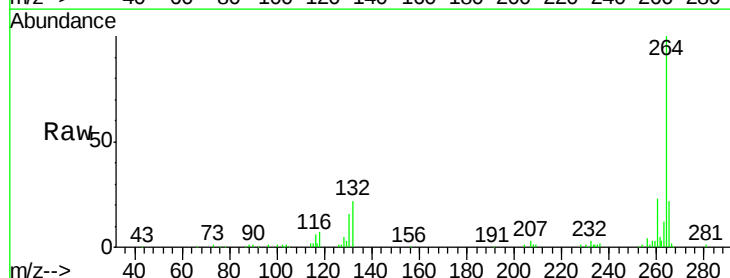
Tgt Ion:264 Resp: 140600

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.0 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

