

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098643.D
 Acq On : 19 Sep 2017 16:09
 Operator : SJ/JU
 Sample : PB102430TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102430TB

Quant Time: Sep 20 02:30:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	125640	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	524545	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	267624	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	582310	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	542209	20.00	ng	-0.01
86) Perylene-d12	15.17	264	522505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1024247	120.53	ng	0.00
7) Phenol-d6	6.28	99	1275246	118.20	ng	-0.01
23) Nitrobenzene-d5	7.20	82	719620	76.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	288923	161.76	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1312233	83.11	ng	-0.01
78) Terphenyl-d14	12.73	244	1527903	60.82	ng	0.00

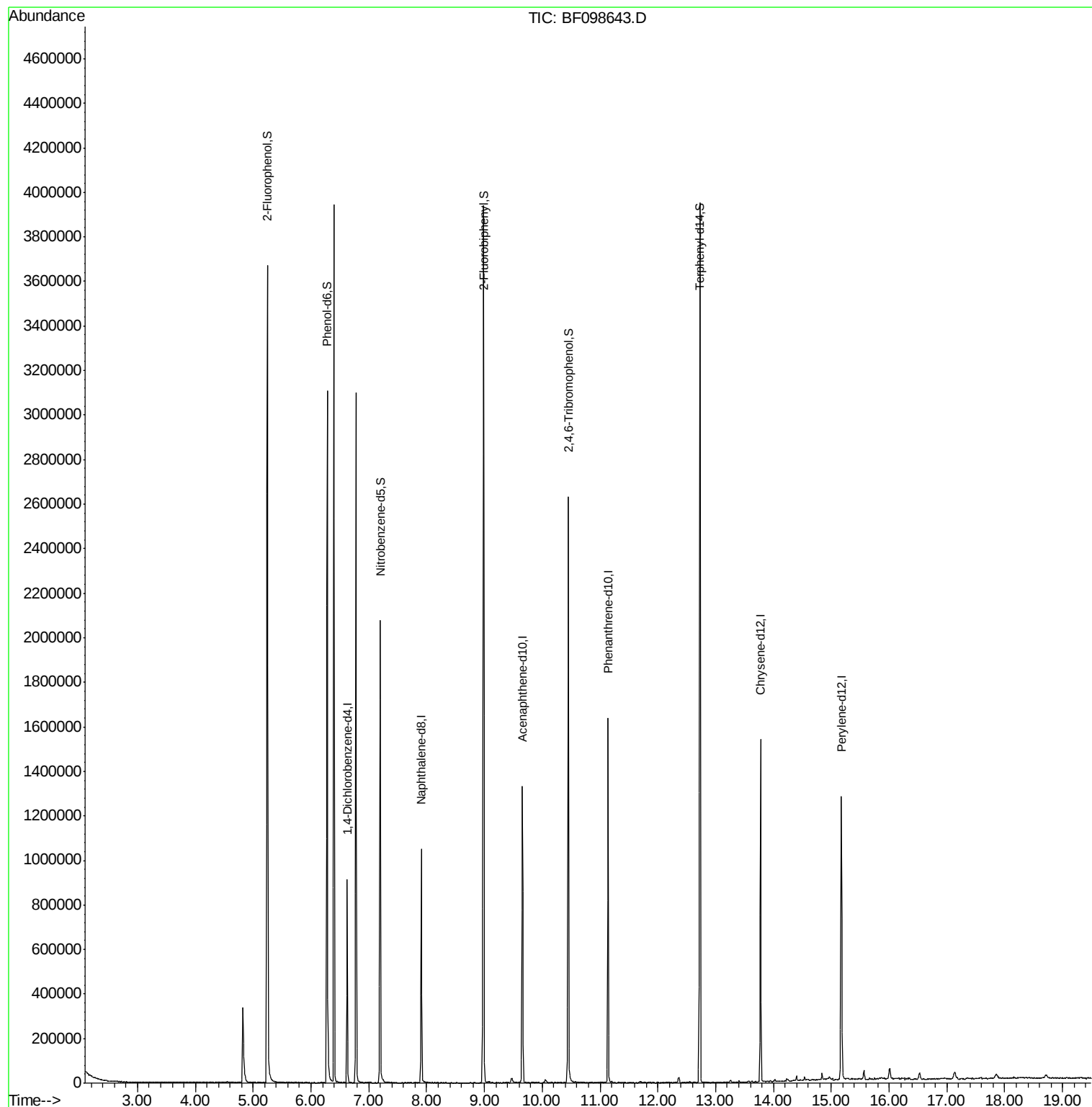
Target Compounds	Qvalue
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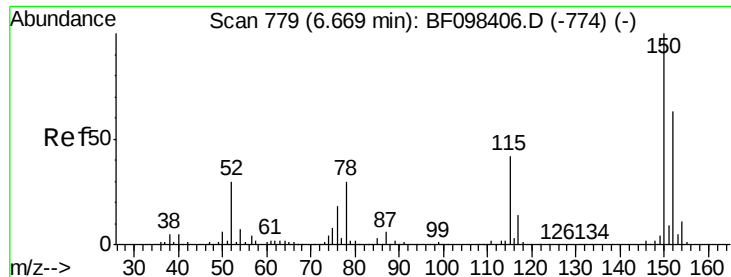
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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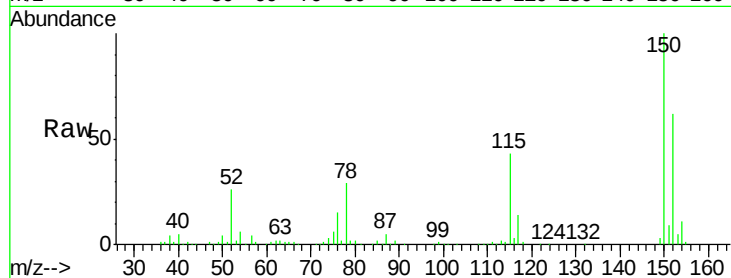


#1

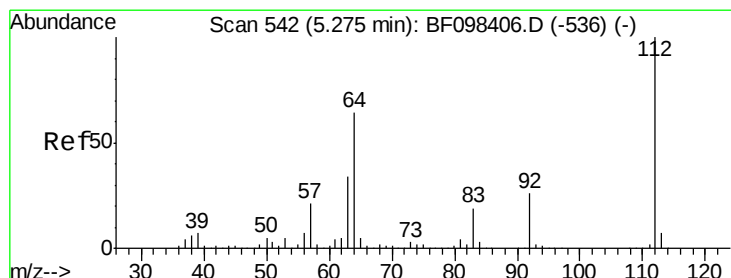
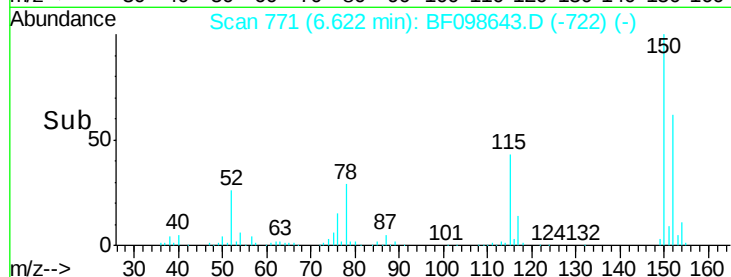
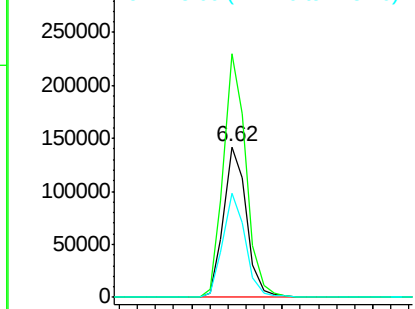
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB102430TB

Tgt Ion:152 Resp: 125640
 Ion Ratio Lower Upper
 152 100
 150 161.8 126.2 189.2
 115 69.6 52.2 78.2



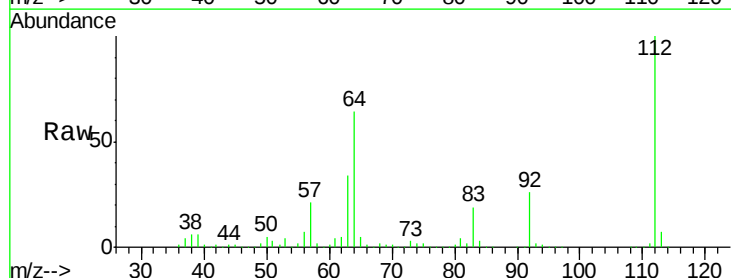
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



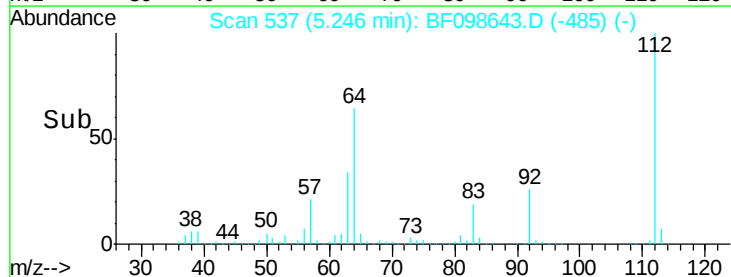
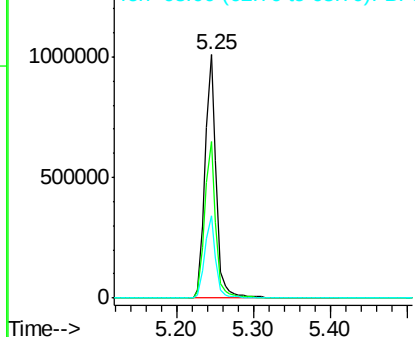
#5

2-Fluorophenol
 Concen: 120.533 ng
 RT: 5.25 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

Tgt Ion:112 Resp: 1024247
 Ion Ratio Lower Upper
 112 100
 64 64.2 46.0 69.0
 63 33.9 23.4 35.0



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: 118.197 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB102430TB

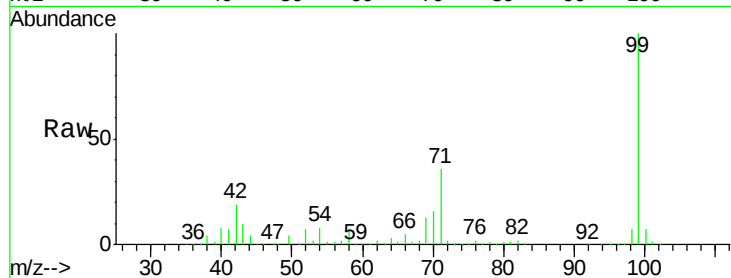
Tgt Ion: 99 Resp: 1275246

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

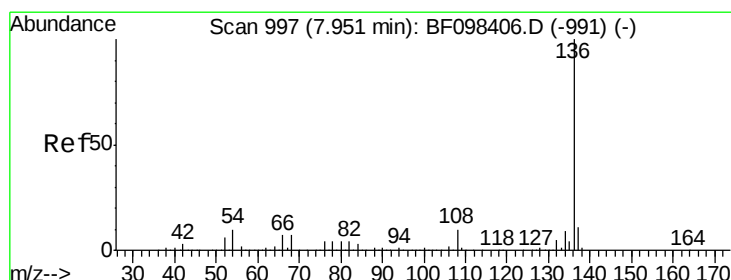
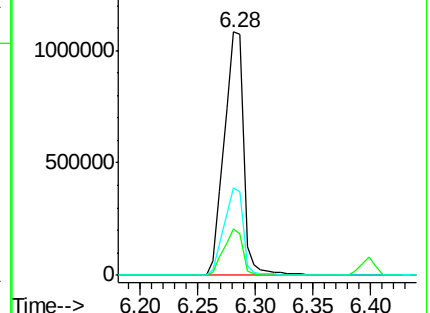
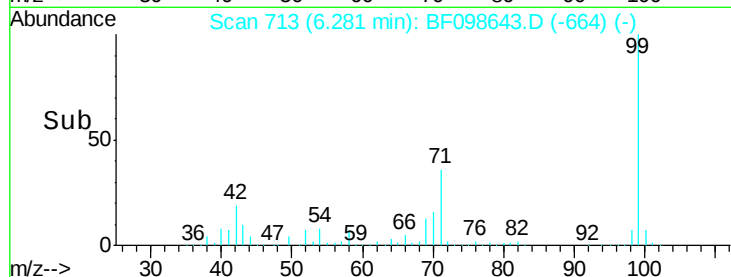
71 36.0 24.5 36.7



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: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Tgt Ion: 136 Resp: 524545

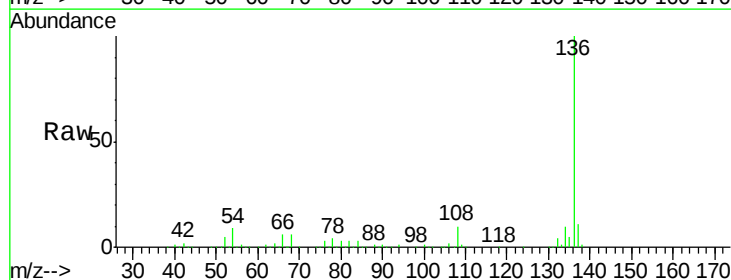
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.5 4.9 7.3#

68 5.6 4.1 6.1

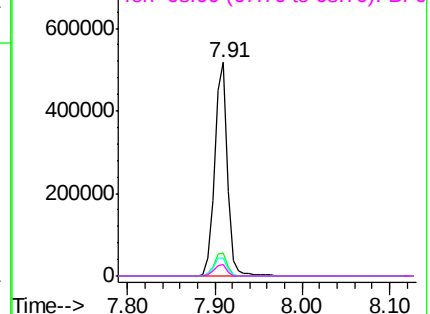
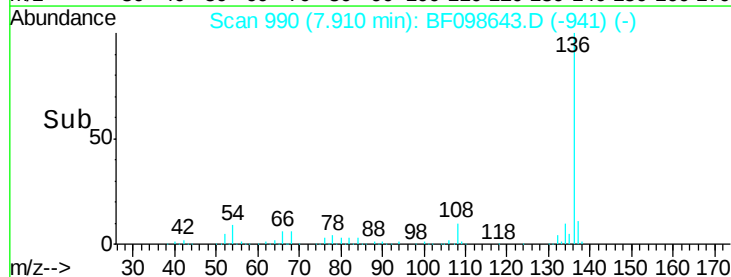


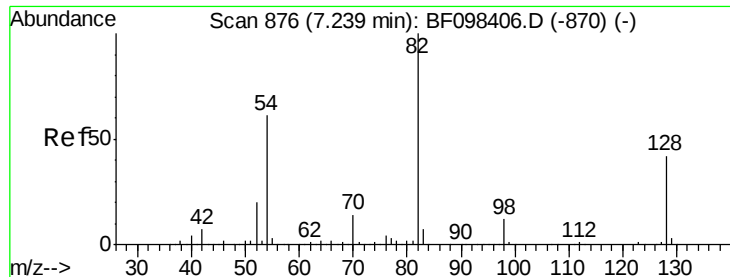
Abundance Ion 136.00 (135.70 to 136.70): E

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

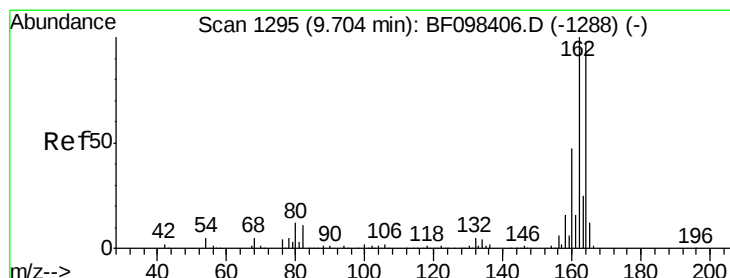
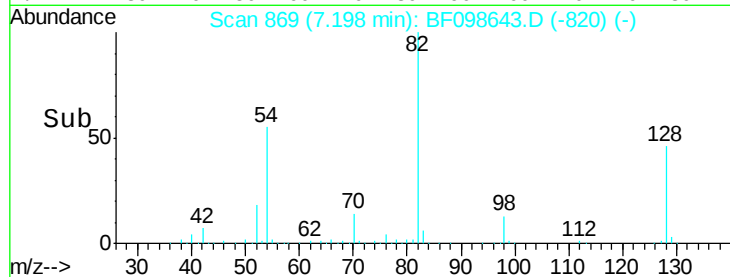
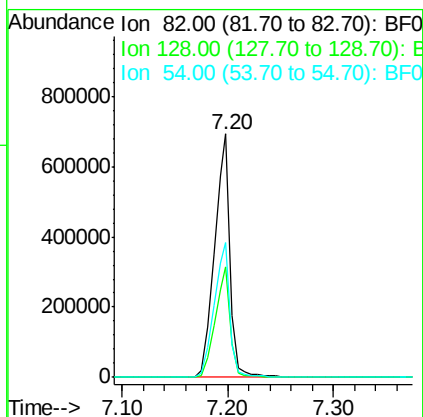
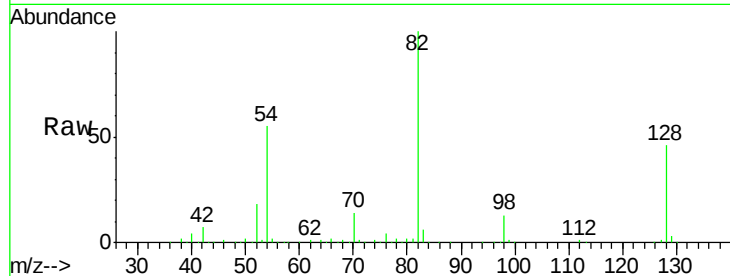




#23
 Nitrobenzene-d5
 Concen: 76.483 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

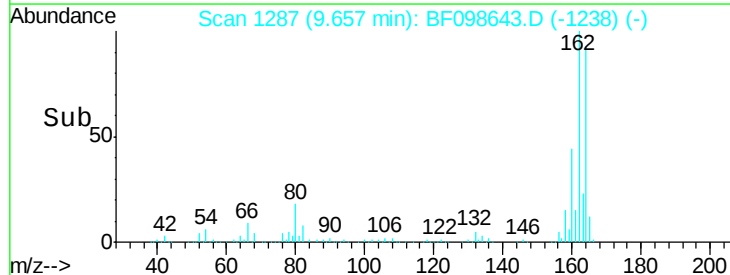
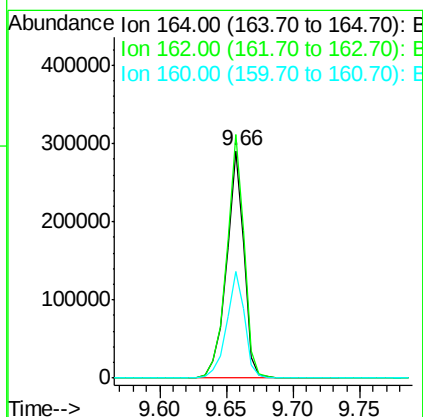
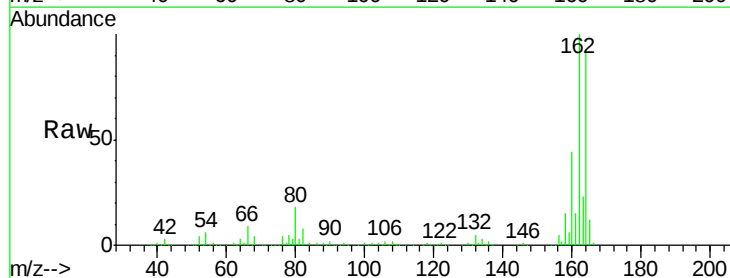
Instrument :
 BNA_F
 ClientSampleId :
 PB102430TB

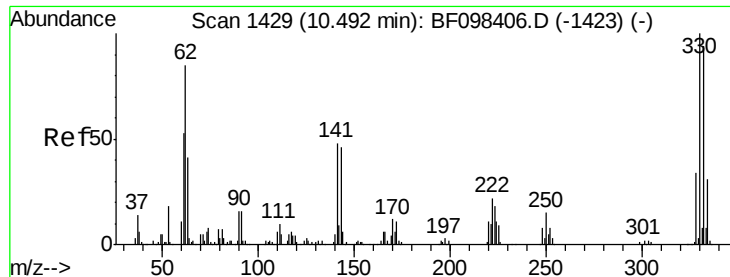
Tgt Ion: 82 Resp: 719620
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 55.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

Tgt Ion: 164 Resp: 267624
 Ion Ratio Lower Upper
 164 100
 162 107.0 82.6 123.8
 160 46.7 36.2 54.2

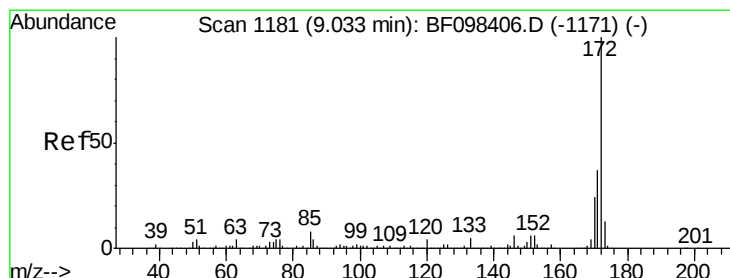
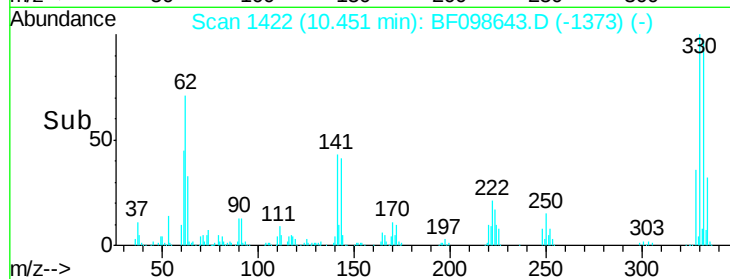
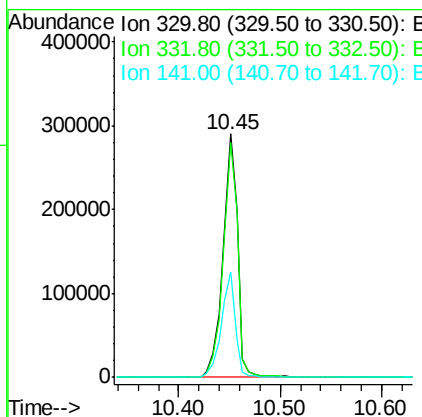
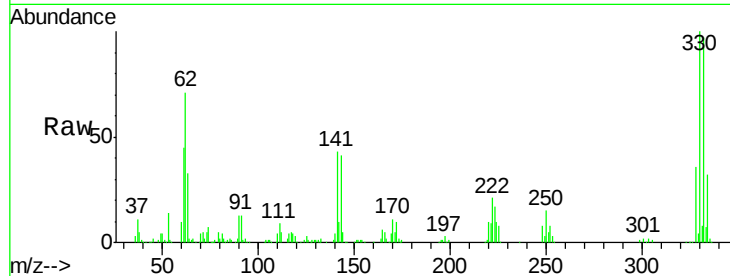




#41
 2,4,6-Tribromophenol
 Concen: 161.755 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

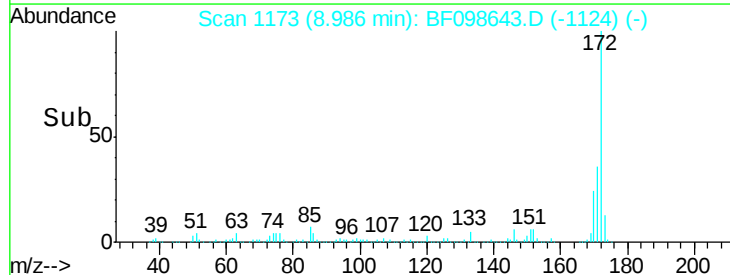
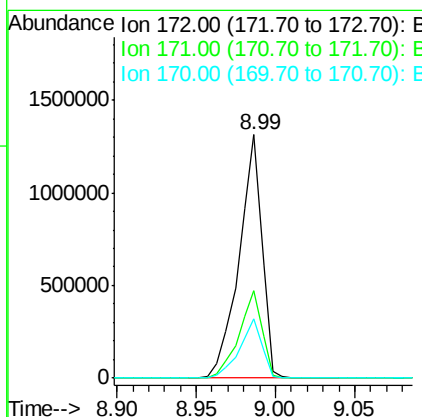
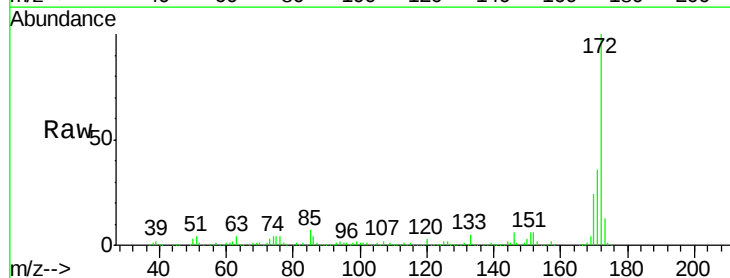
Instrument :
 BNA_F
 ClientSampleId :
 PB102430TB

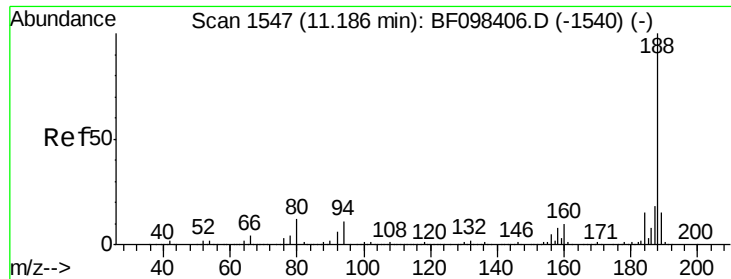
Tgt Ion:330 Resp: 288923
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 41.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.106 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098643.D
 Acq: 19 Sep 2017 16:09

Tgt Ion:172 Resp: 1312233
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.2 19.8 29.8

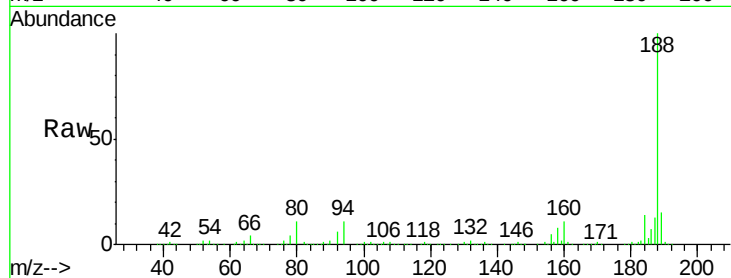




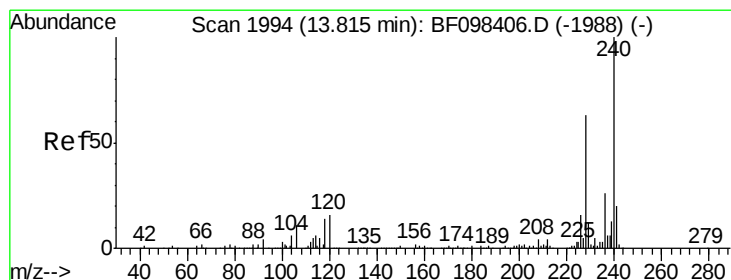
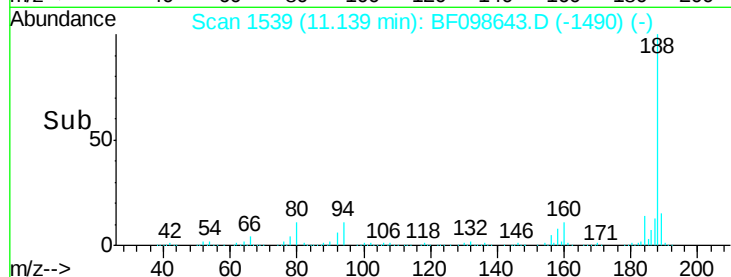
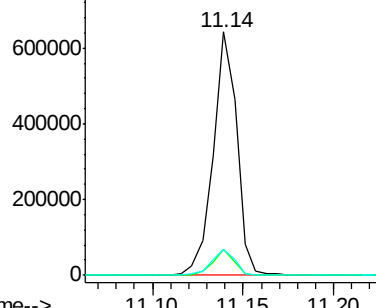
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PB102430TB

Tgt Ion:188 Resp: 582310
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.7 10.2 15.2

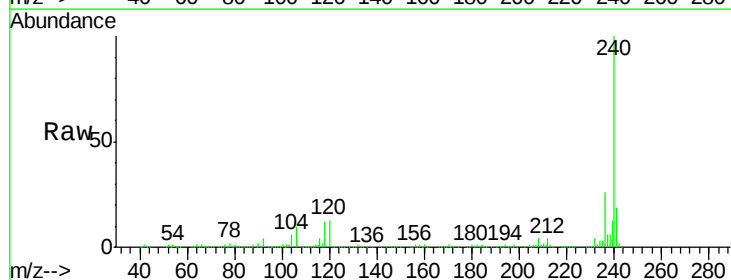


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

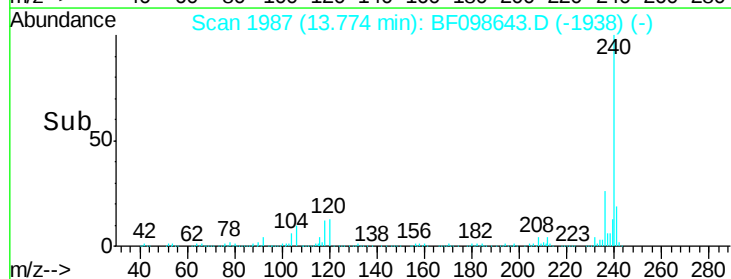
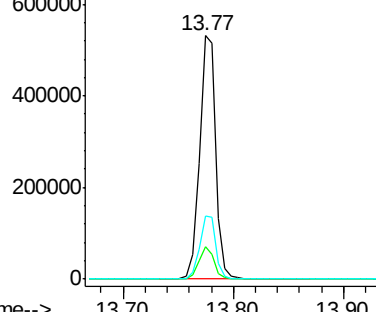


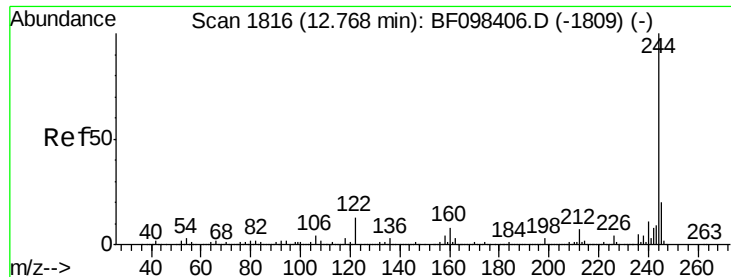
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098643.D
Acq: 19 Sep 2017 16:09

Tgt Ion:240 Resp: 542209
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.7 20.5 30.7



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: 60.824 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB102430TB

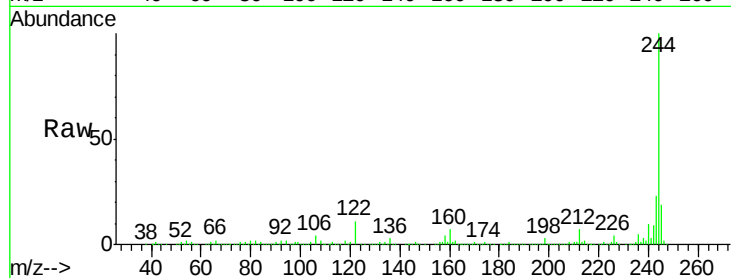
Tgt Ion:244 Resp: 1527903

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

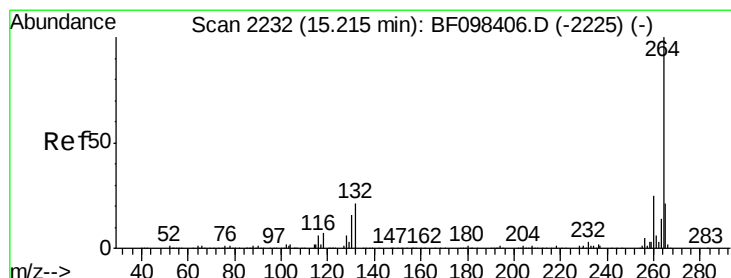
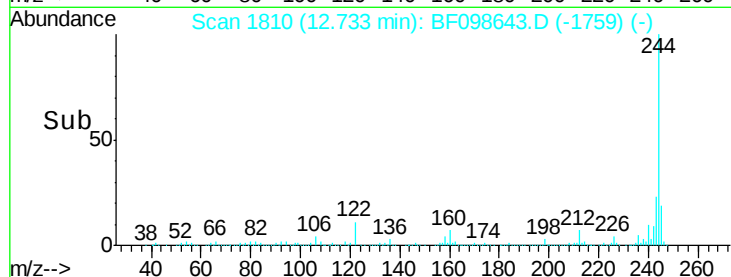
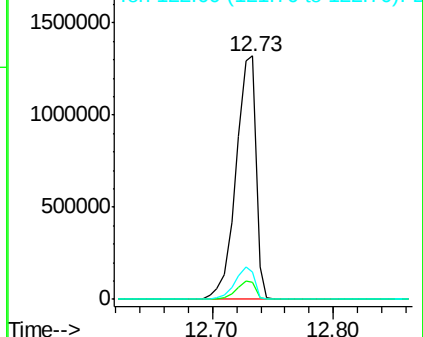
122 11.2 10.3 15.5



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: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF098643.D

Acq: 19 Sep 2017 16:09

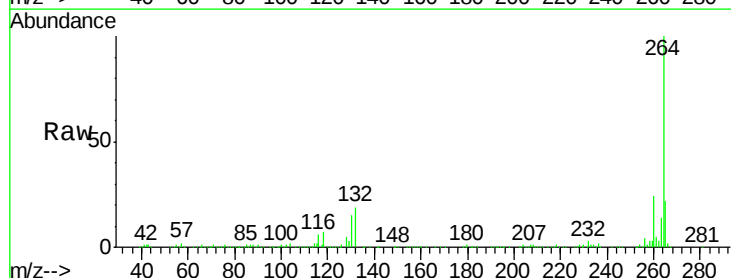
Tgt Ion:264 Resp: 522505

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.8 17.2 25.8



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

