

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098640.D
 Acq On : 19 Sep 2017 14:39
 Operator : SJ/JU
 Sample : PB102430BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

Quant Time: Sep 20 02:16:07 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	6.63	152	116685	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	491285	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	228047	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	435098	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	388005	20.00	ng	-0.01
86) Perylene-d12	15.17	264	367473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1093970	138.62	ng	0.00
7) Phenol-d6	6.29	99	1325482	132.28	ng	0.00
23) Nitrobenzene-d5	7.20	82	813119	92.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	278533	183.00	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1446255	107.49	ng	-0.01
78) Terphenyl-d14	12.73	244	1415883	78.77	ng	0.00

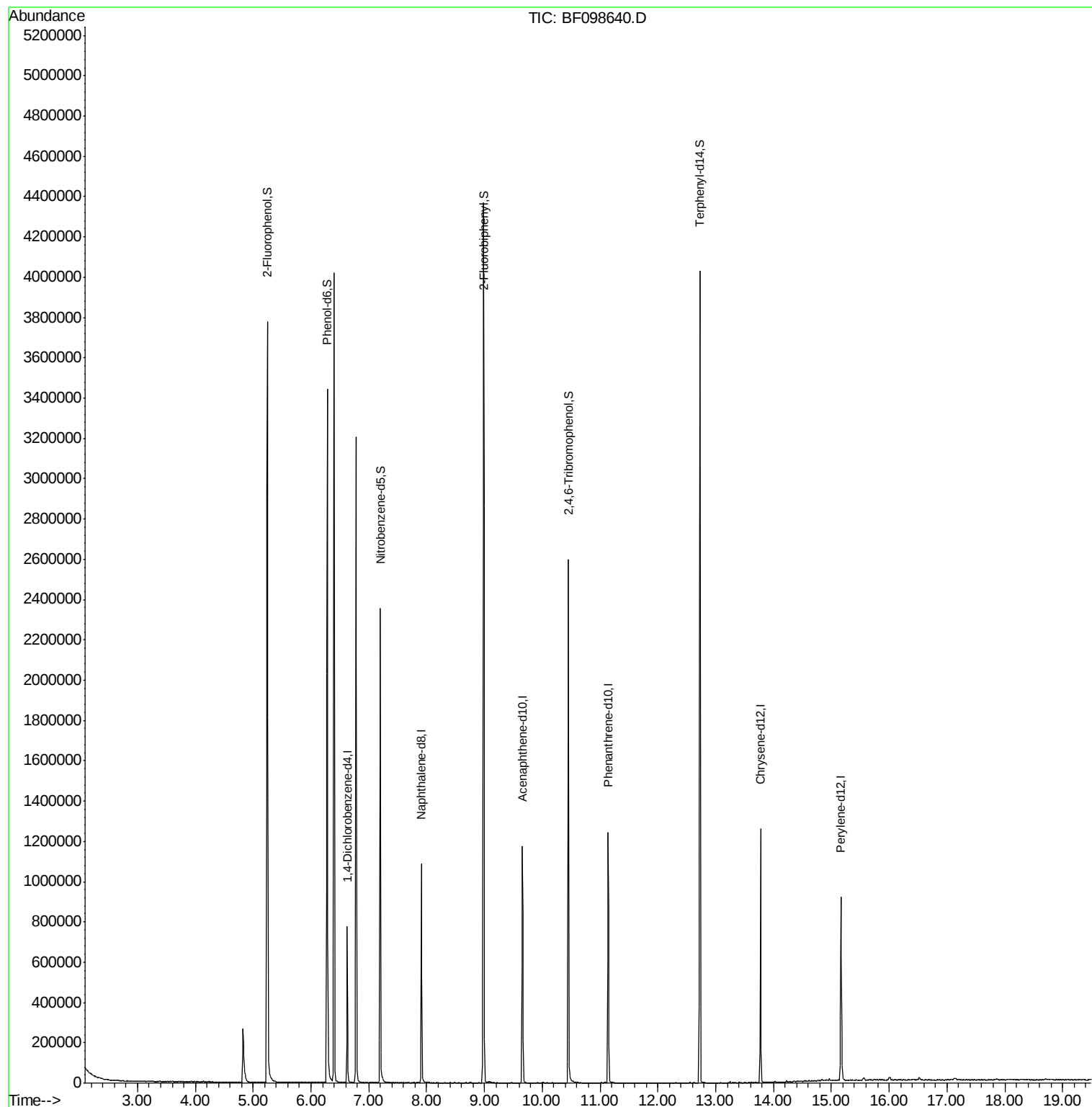
Target Compounds	Qvalue
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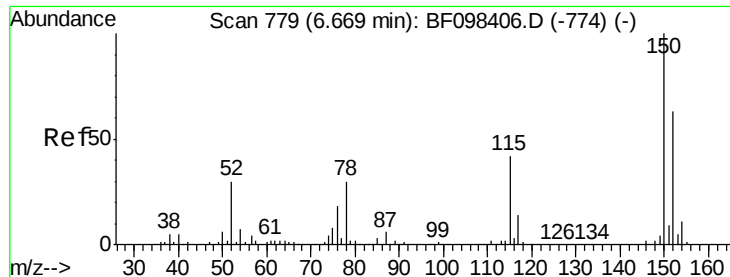
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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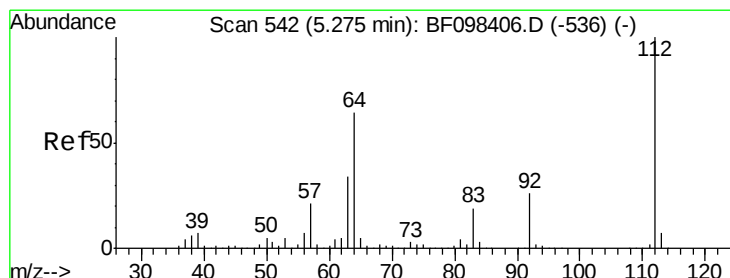
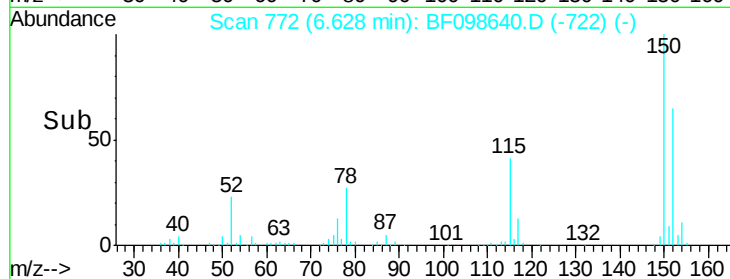
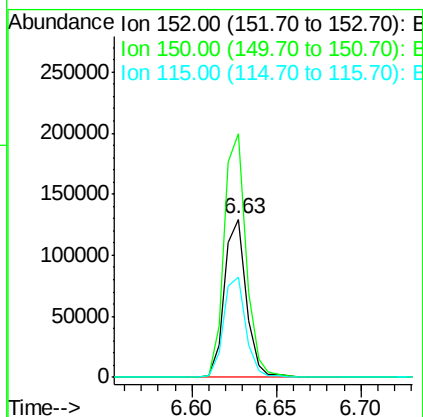
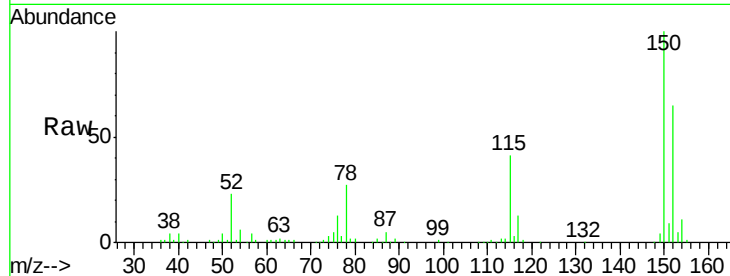


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Instrument :
BNA_F
ClientSampleId :
PB102430BL

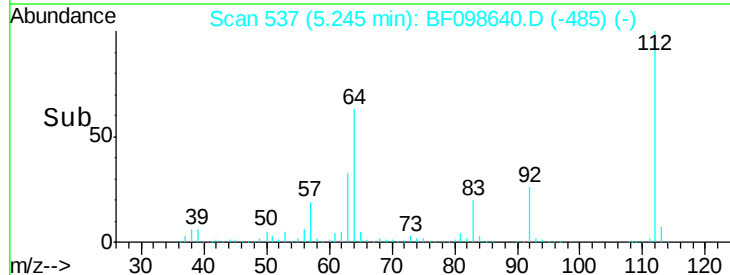
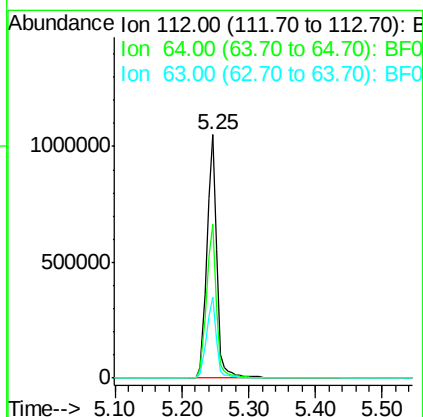
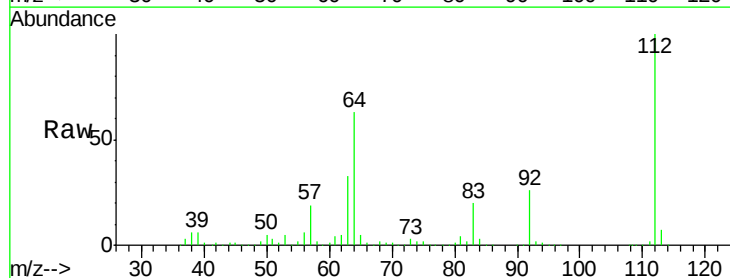
Tgt Ion:152 Resp: 116685
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 63.8 52.2 78.2

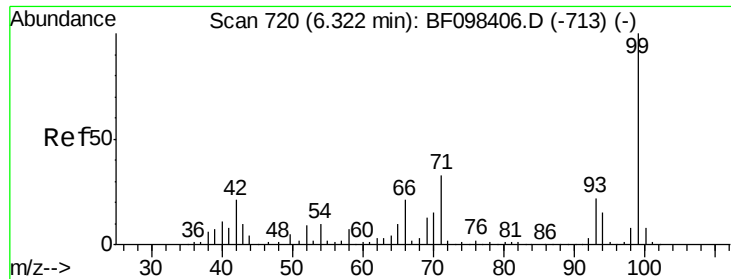


#5

2-Fluorophenol
Concen: 138.618 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Tgt Ion:112 Resp: 1093970
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 33.1 23.4 35.0





#7

Phenol-d6

Concen: 132.281 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098640.D

Acq: 19 Sep 2017 14:39

Instrument :

BNA_F

ClientSampleId :

PB102430BL

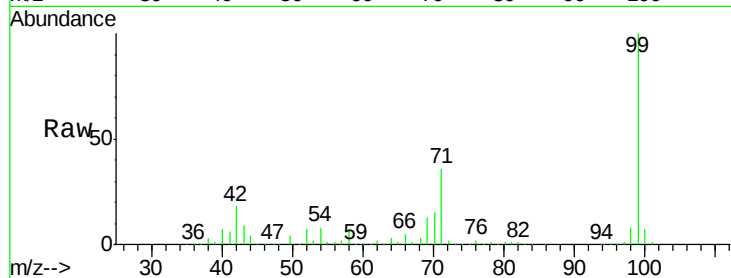
Tgt Ion: 99 Resp: 1325482

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

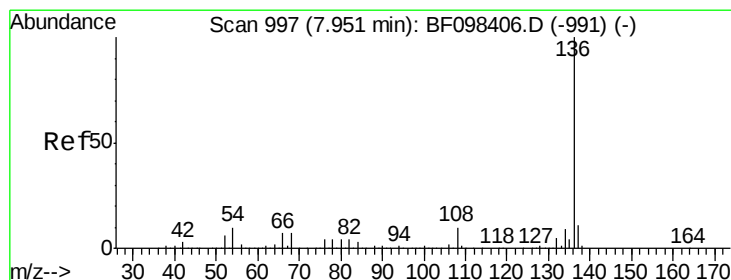
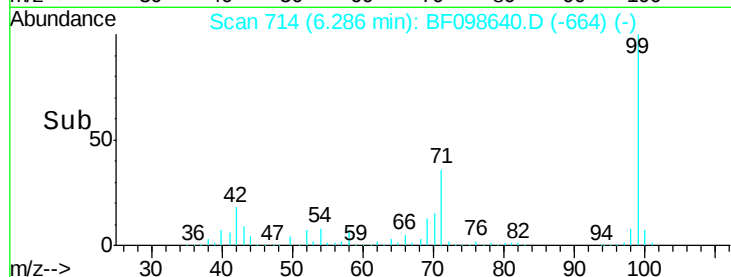
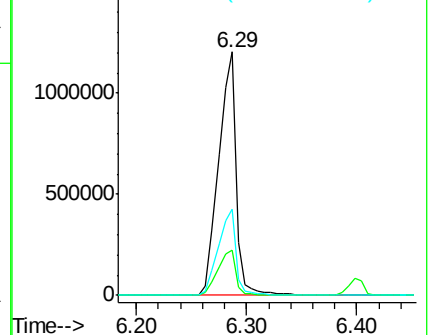
71 35.6 24.5 36.7



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: BF098640.D

Acq: 19 Sep 2017 14:39

Tgt Ion: 136 Resp: 491285

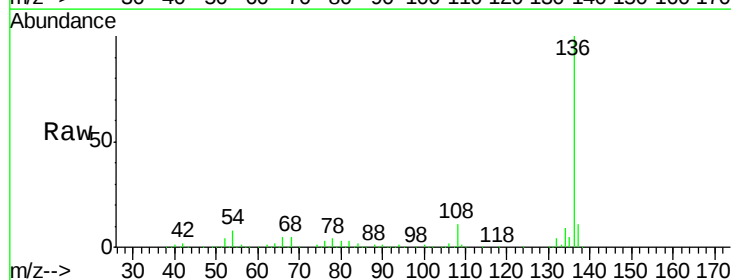
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.4 4.9 7.3#

68 5.3 4.1 6.1

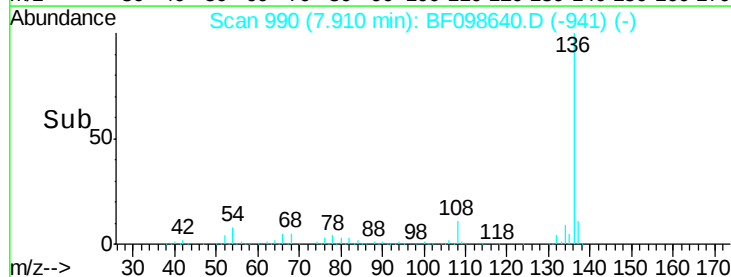
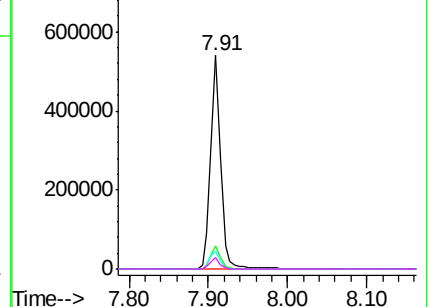


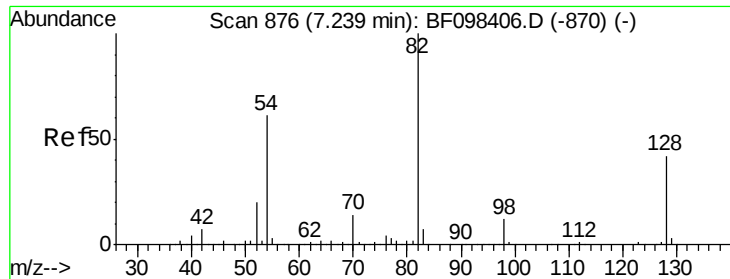
Abundance Ion 136.00 (135.70 to 136.70): E

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

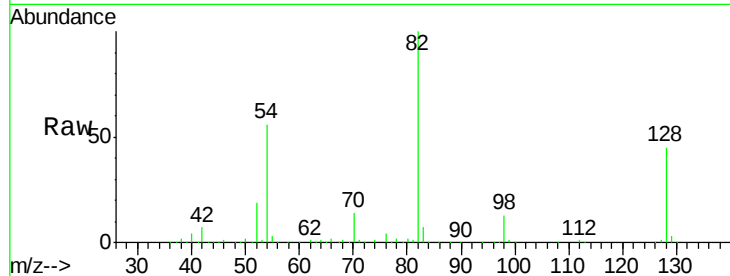




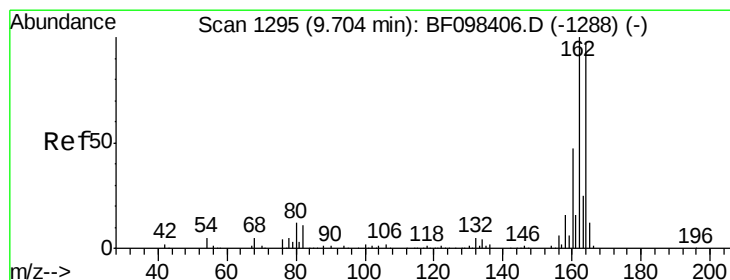
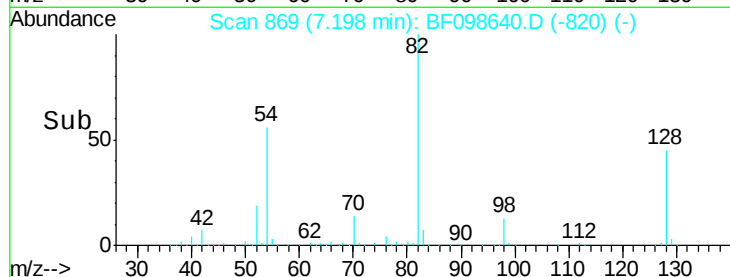
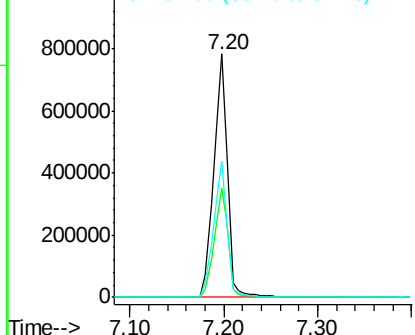
#23
 Nitrobenzene-d5
 Concen: 92.270 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

Tgt Ion: 82 Resp: 813119
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.0 51.0
 54 56.1 42.2 63.2

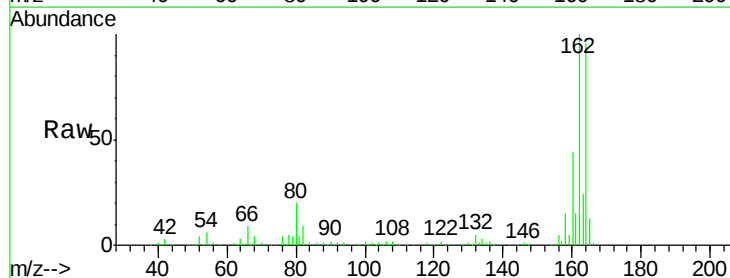


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

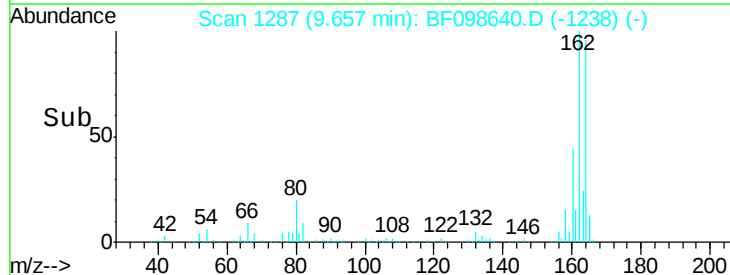
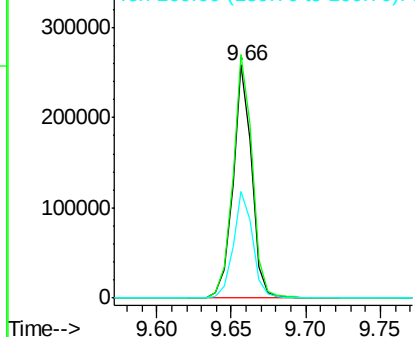


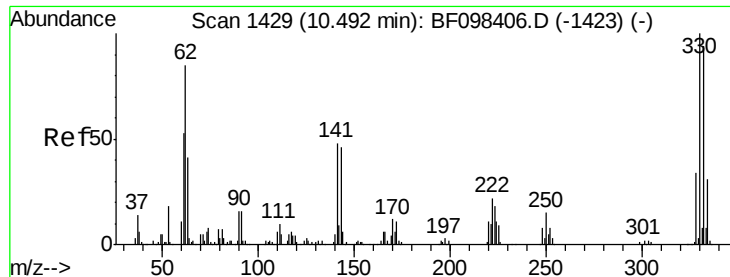
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Tgt Ion: 164 Resp: 228047
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 45.8 36.2 54.2



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

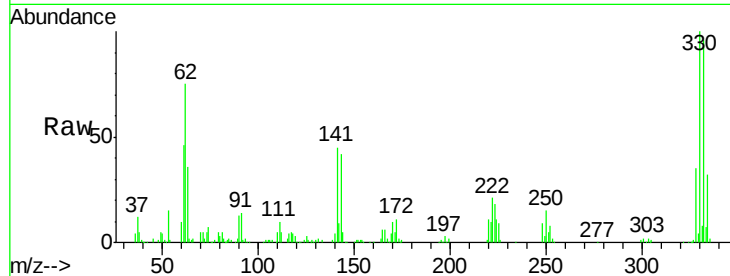




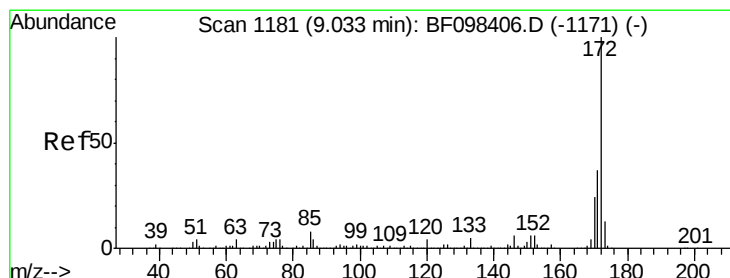
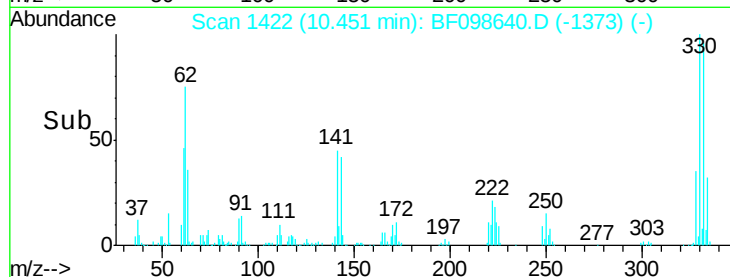
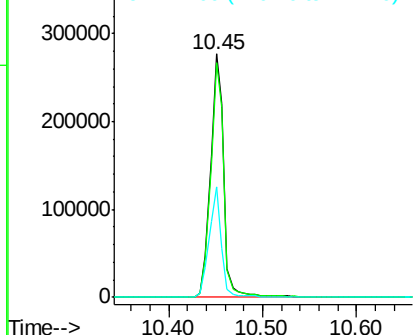
#41
 2,4,6-Tribromophenol
 Concen: 183.001 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

Tgt Ion:330 Resp: 278533
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 42.3 31.4 47.2

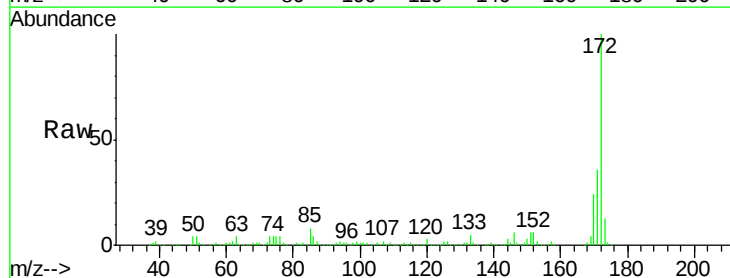


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

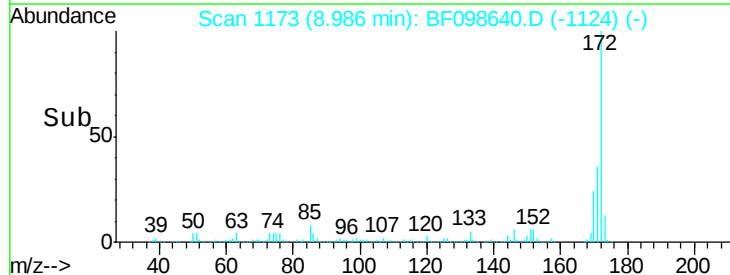
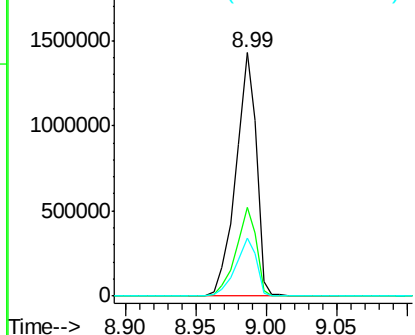


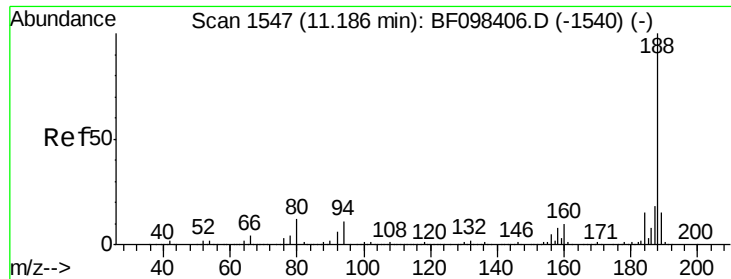
#44
 2-Fluorobiphenyl
 Concen: 107.490 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Tgt Ion:172 Resp: 1446255
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.8 29.8



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

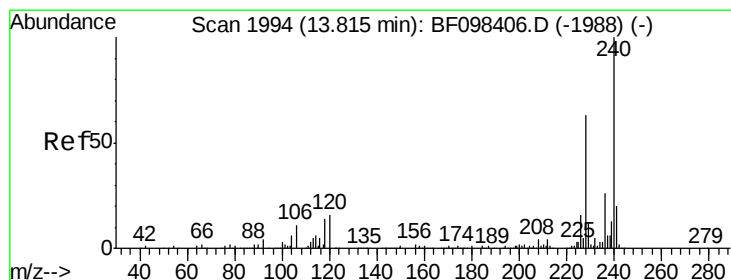
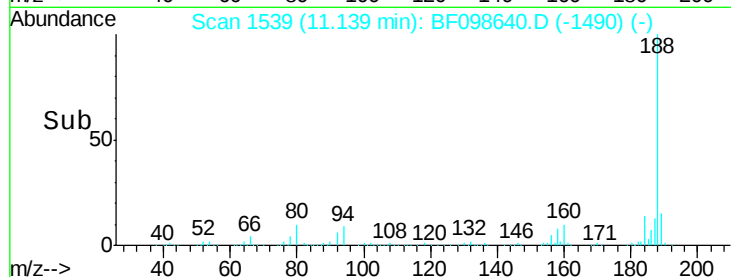
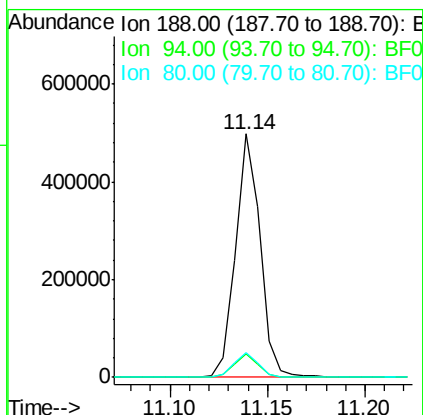
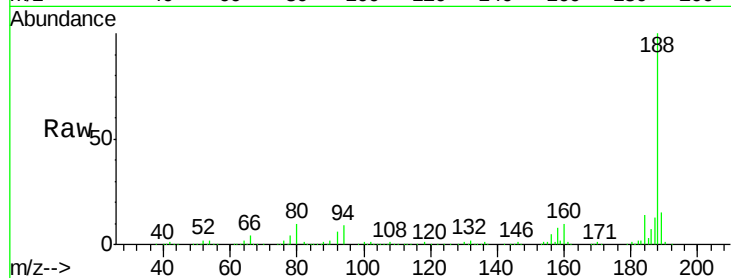




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

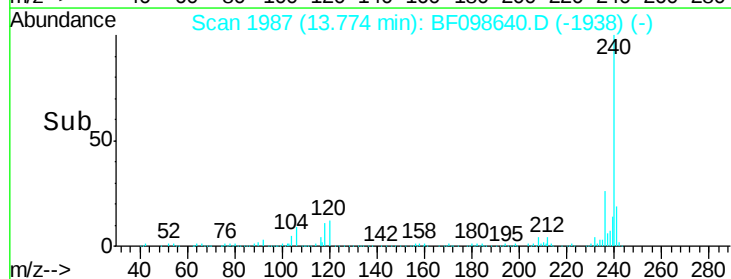
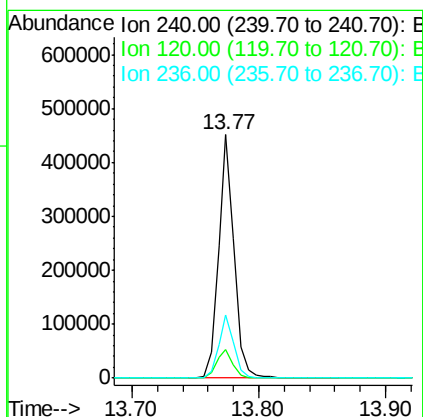
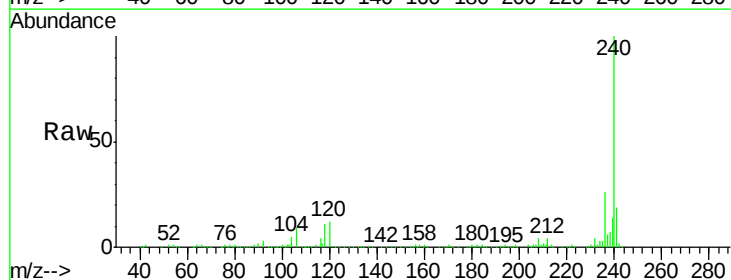
Instrument :
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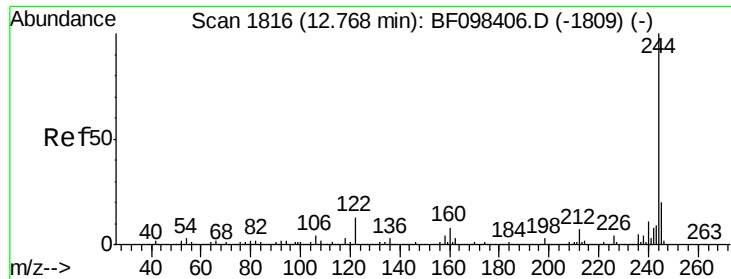
Tgt Ion:188 Resp: 435098
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 10.2 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098640.D
Acq: 19 Sep 2017 14:39

Tgt Ion:240 Resp: 388005
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 26.1 20.5 30.7

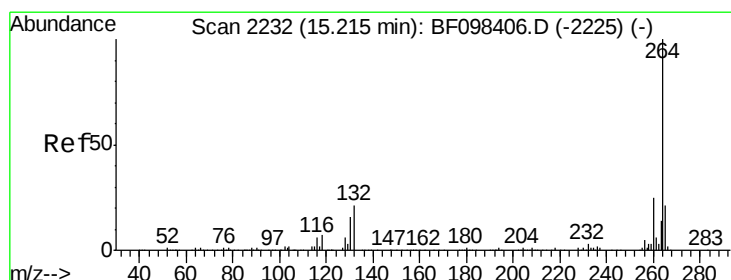
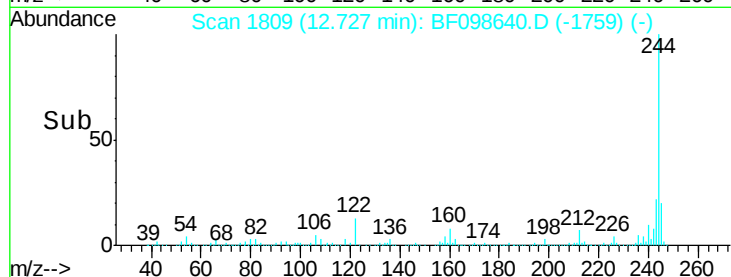
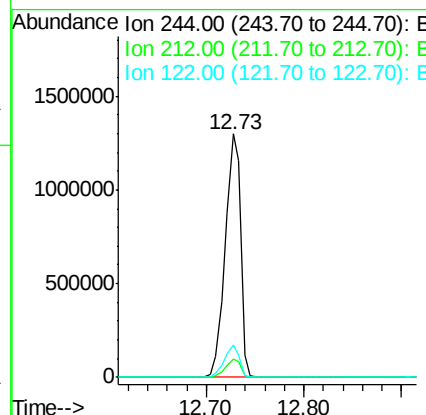
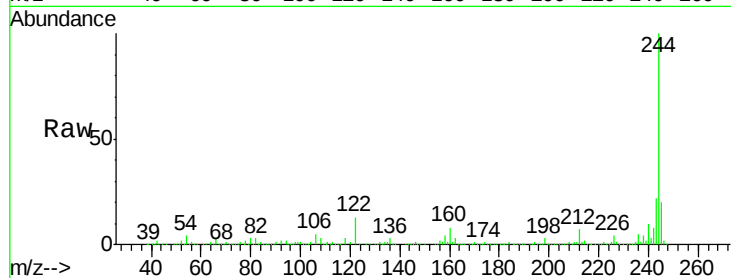




#78
 Terphenyl-d14
 Concen: 78.765 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB102430BL

Tgt Ion:244 Resp: 1415883
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF098640.D
 Acq: 19 Sep 2017 14:39

Tgt Ion:264 Resp: 367473
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.1 17.2 25.8

