

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096641.D
 Acq On : 11 Jul 2017 13:44
 Operator : SJ/JU
 Sample : I4113-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(11.0-11.5)

Quant Time: Jul 11 17:23:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

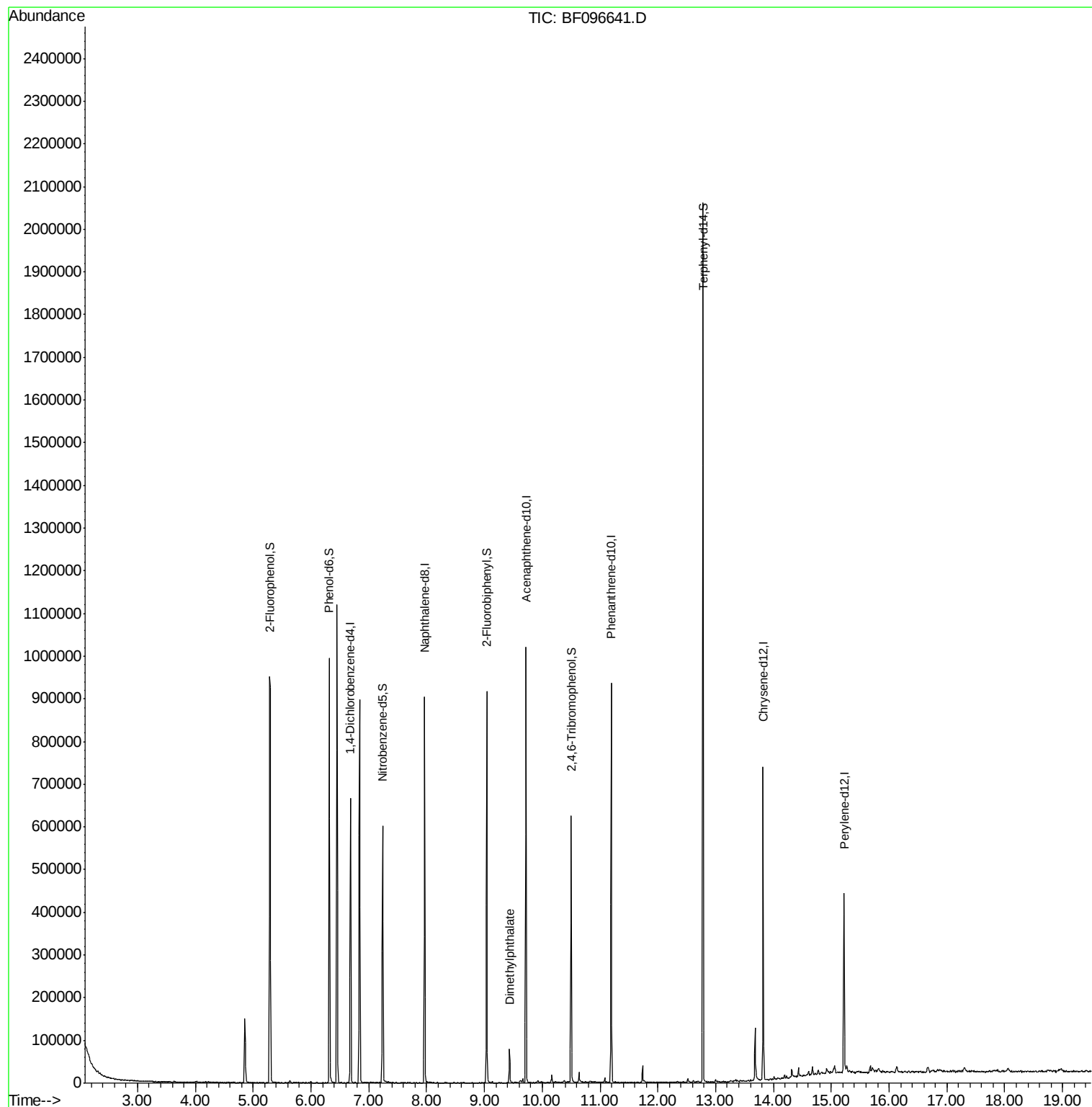
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101599	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	430004	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	188967	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	328034	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	226899	20.00	ng	-0.02
86) Perylene-d12	15.22	264	178966	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	272143	39.54	ng	-0.02
7) Phenol-d6	6.32	99	290571	34.34	ng	-0.03
23) Nitrobenzene-d5	7.24	82	160742	22.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	63414	42.96	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	259983	23.52	ng	-0.02
78) Terphenyl-d14	12.78	244	641866	60.45	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.43	163	29008	2.056	ng	Qvalue 99

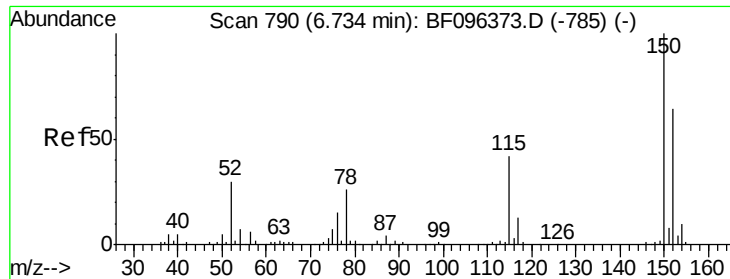
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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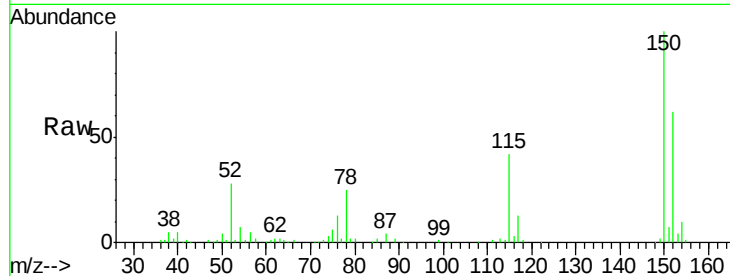


#1

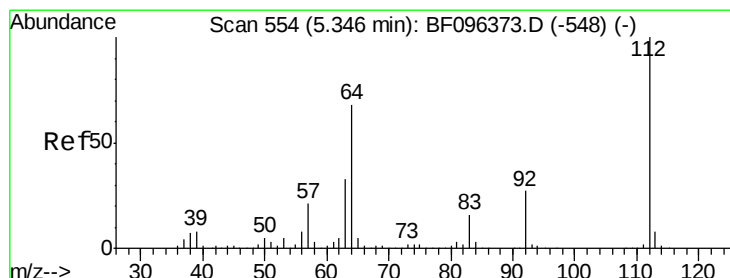
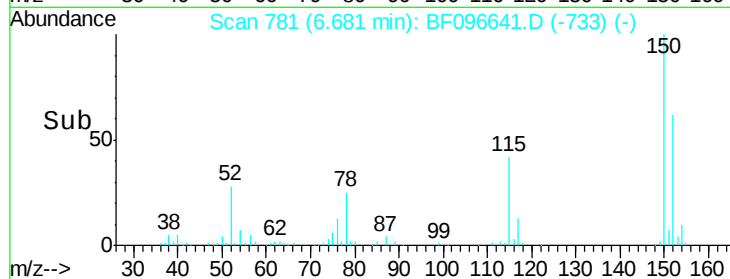
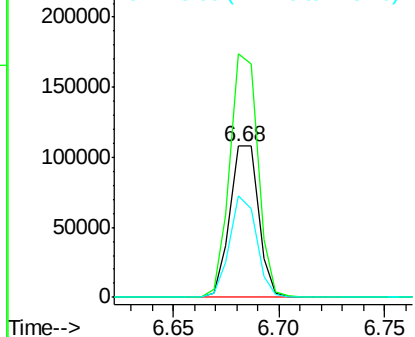
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096641.D
Acq: 11 Jul 2017 13:44

Instrument :
BNA_F
ClientSampleId :
SB-6(11.0-11.5)

Tgt Ion:152 Resp: 101599
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 67.4 52.2 78.2



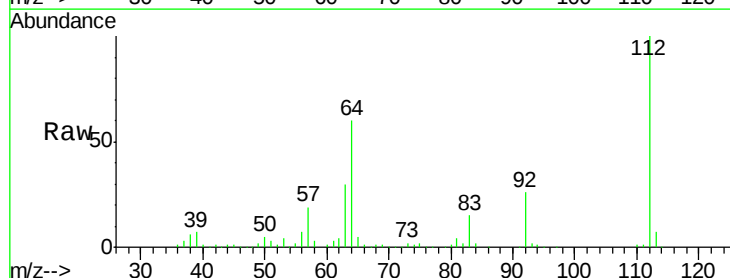
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



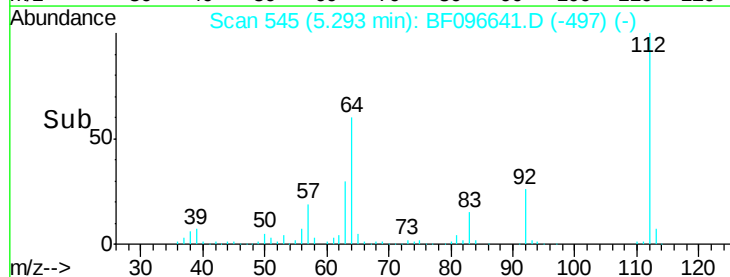
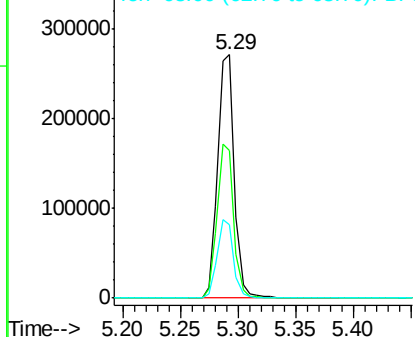
#5

2-Fluorophenol
Concen: 39.535 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF096641.D
Acq: 11 Jul 2017 13:44

Tgt Ion:112 Resp: 272143
Ion Ratio Lower Upper
112 100
64 60.5 46.0 69.0
63 30.1 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: 34.337 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096641.D

Acq: 11 Jul 2017 13:44

Instrument :

BNA_F

ClientSampleId :

SB-6(11.0-11.5)

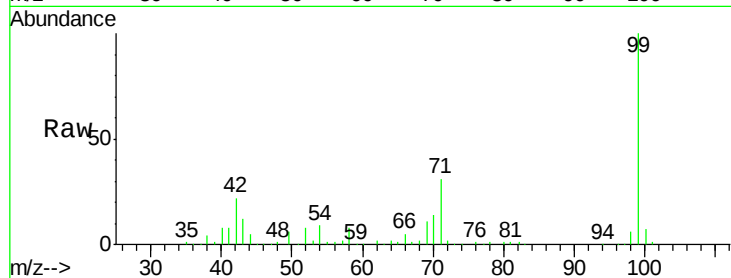
Tgt Ion: 99 Resp: 290571

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

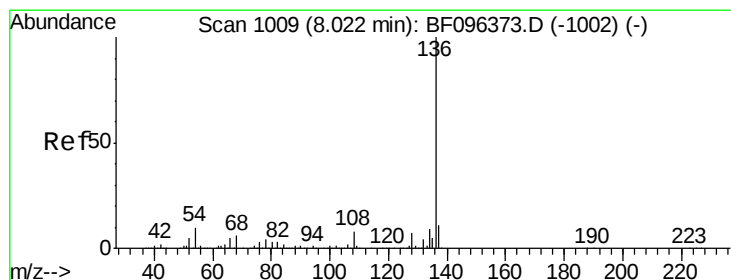
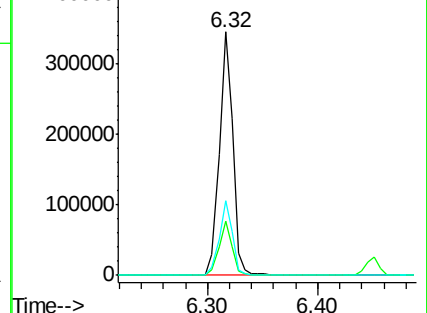
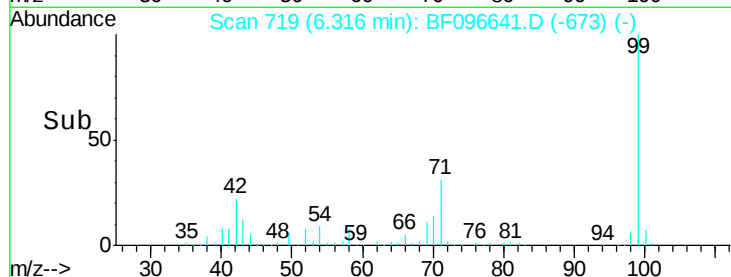
71 30.8 24.5 36.7



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: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096641.D

Acq: 11 Jul 2017 13:44

Tgt Ion: 136 Resp: 430004

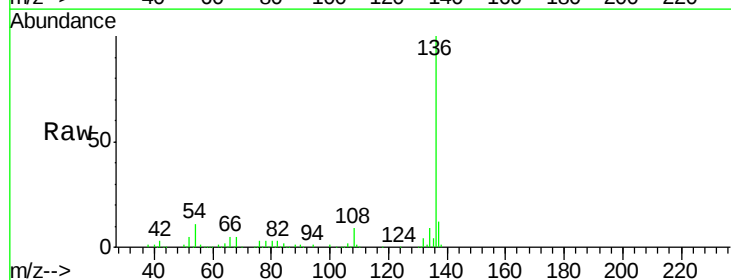
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 10.6 4.9 7.3#

68 5.4 4.1 6.1

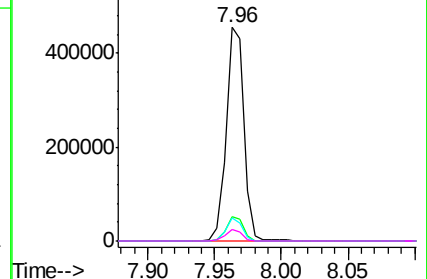
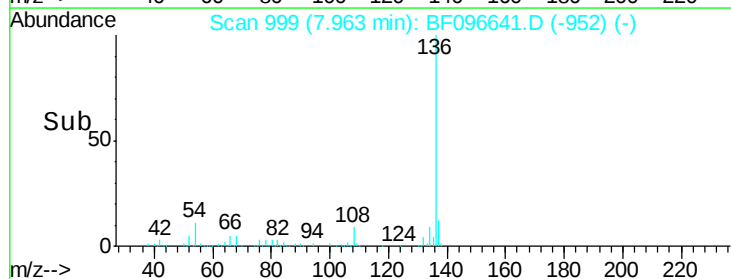


Abundance Ion 136.00 (135.70 to 136.70): E

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

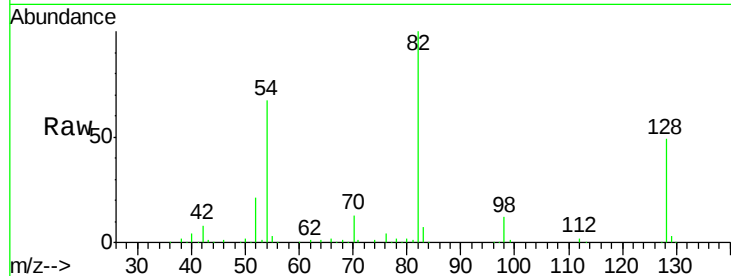




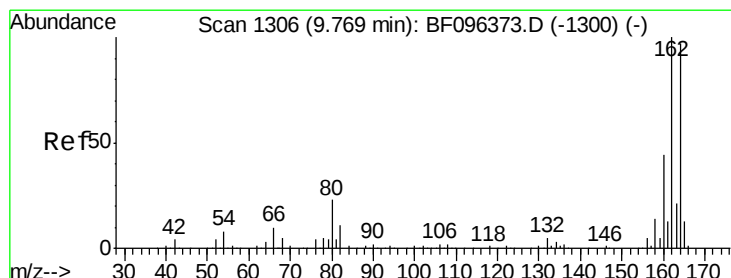
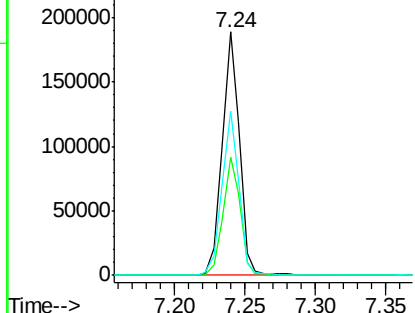
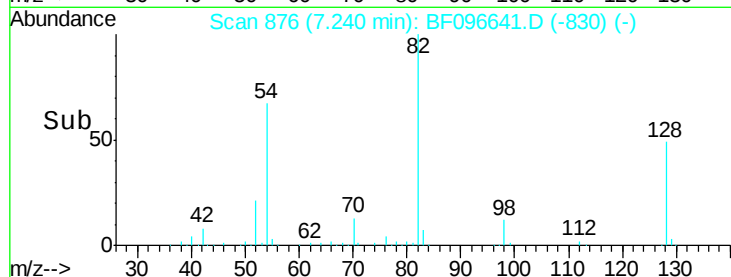
#23
 Nitrobenzene-d5
 Concen: 22.463 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.03 min
 Lab File: BF096641.D
 Acq: 11 Jul 2017 13:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(11.0-11.5)

Tgt Ion: 82 Resp: 160742
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 67.4 42.2 63.2#

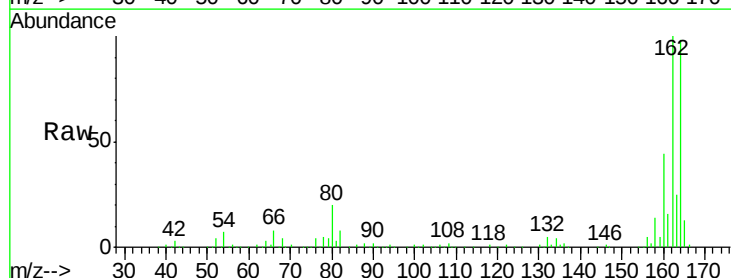


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

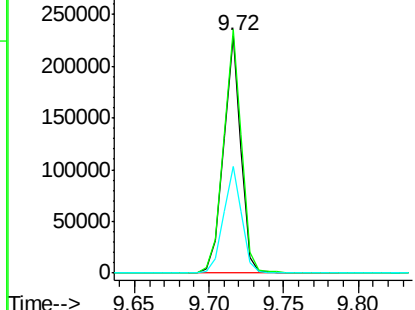
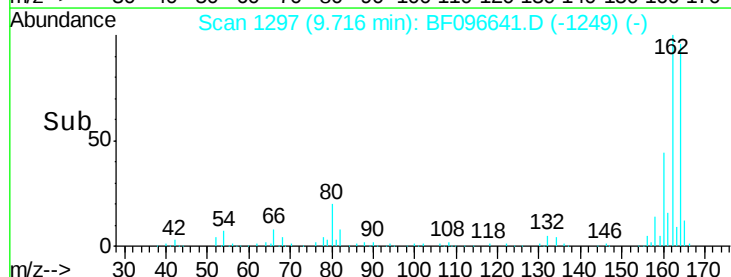


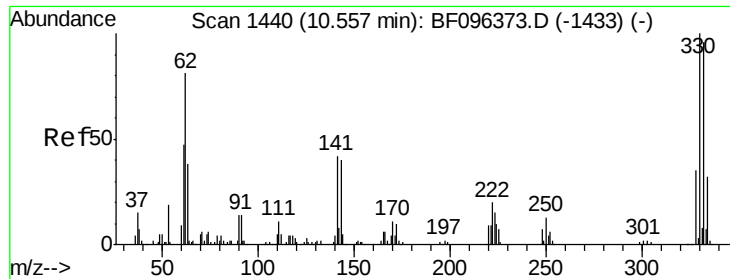
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096641.D
 Acq: 11 Jul 2017 13:44

Tgt Ion: 164 Resp: 188967
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.0 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

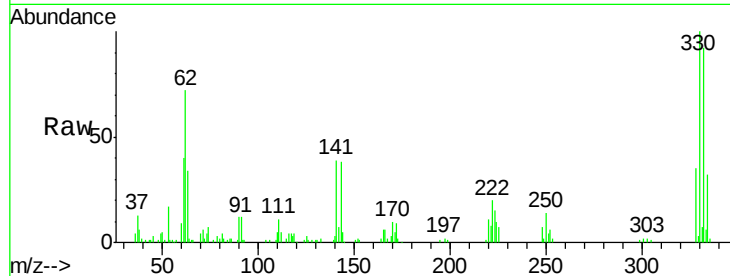




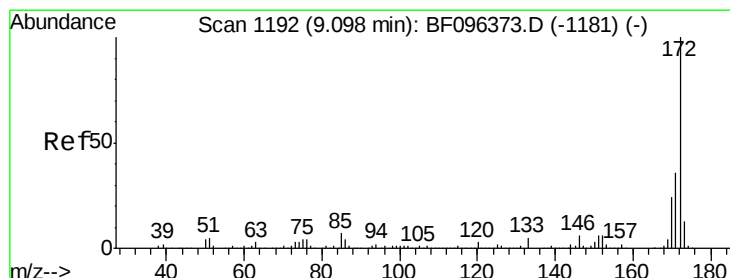
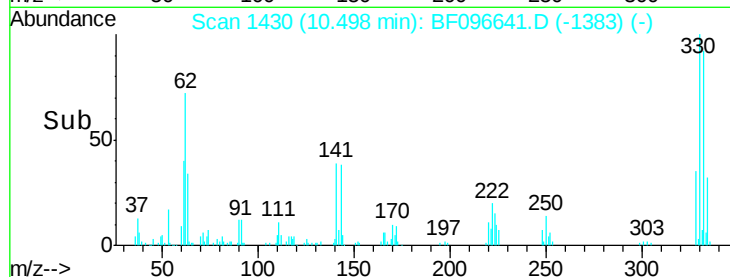
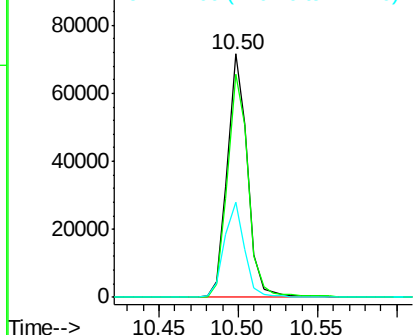
#41
 2,4,6-Tribromophenol
 Concen: 42.962 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096641.D
 Acq: 11 Jul 2017 13:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(11.0-11.5)

Tgt Ion:330 Resp: 63414
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 38.5 31.4 47.2

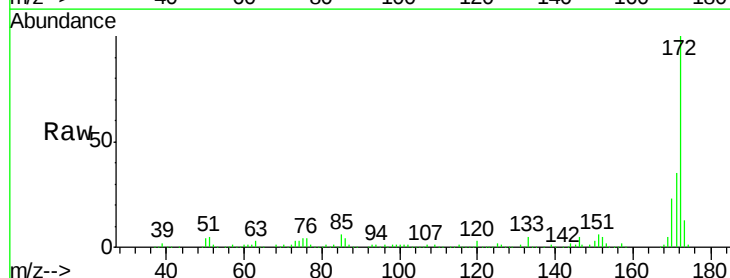


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

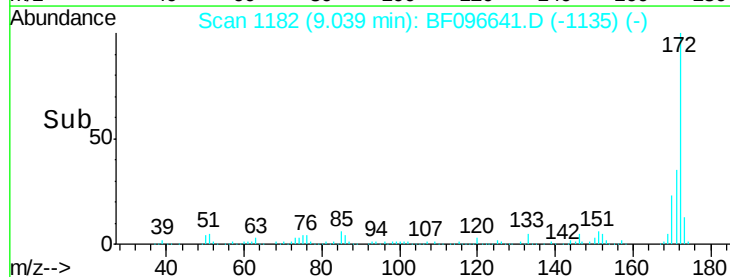
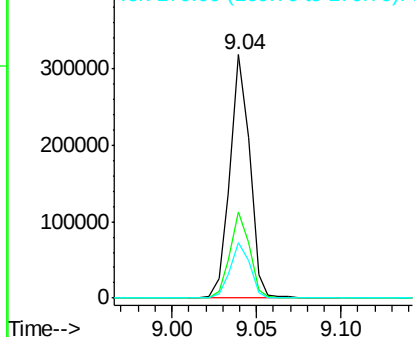


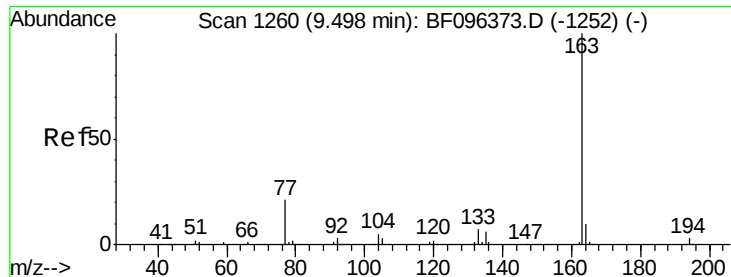
#44
 2-Fluorobiphenyl
 Concen: 23.523 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096641.D
 Acq: 11 Jul 2017 13:44

Tgt Ion:172 Resp: 259983
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 22.7 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

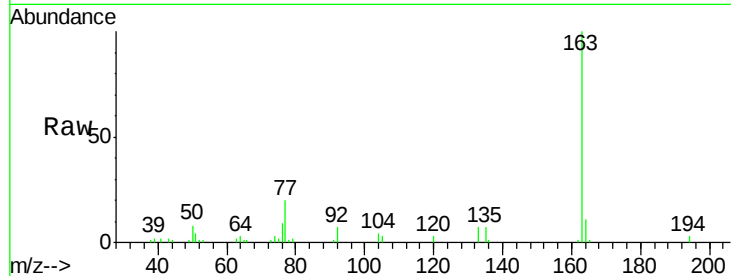




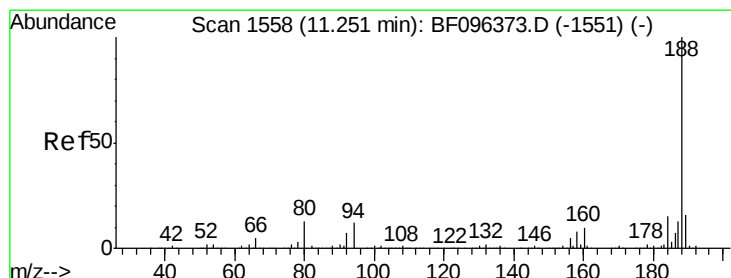
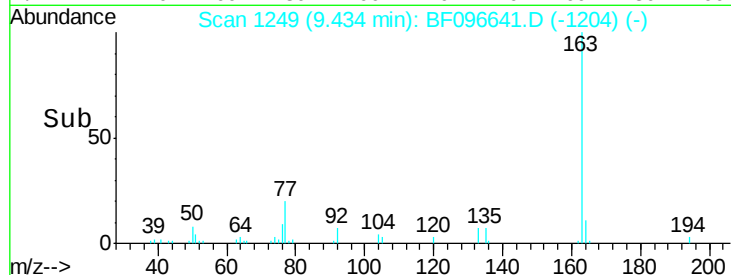
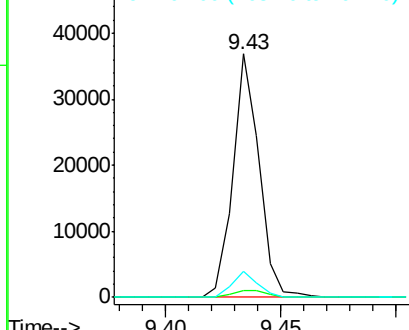
#49
Dimethylphthalate
Concen: 2.056 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096641.D
Acq: 11 Jul 2017 13:44

Instrument :
BNA_F
ClientSampleId :
SB-6(11.0-11.5)

Tgt Ion:163 Resp: 29008
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.9 8.4 12.6

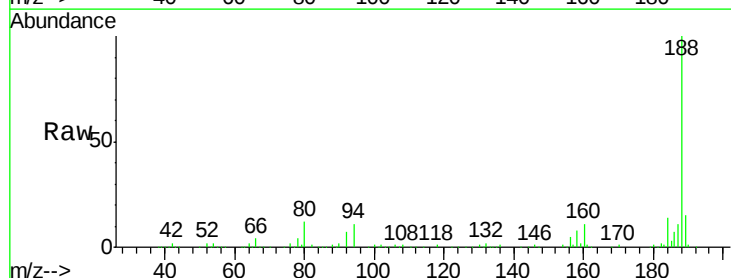


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

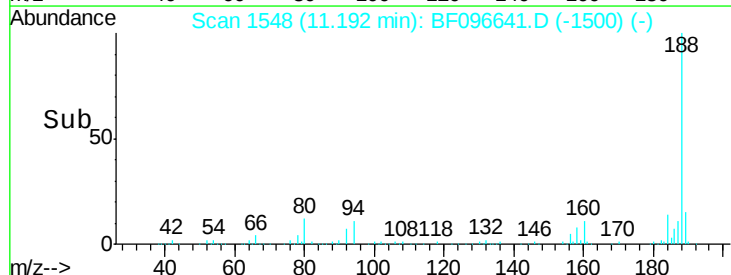
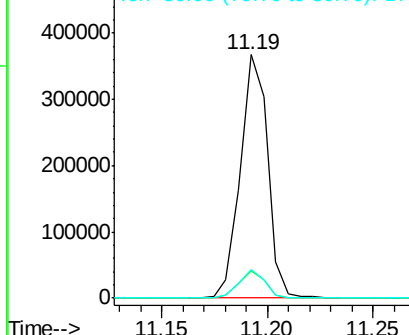


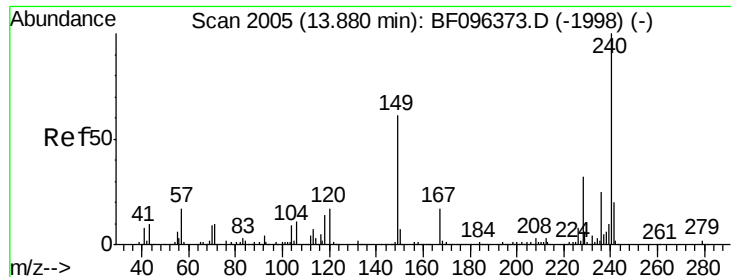
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096641.D
Acq: 11 Jul 2017 13:44

Tgt Ion:188 Resp: 328034
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.0 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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096641.D

Acq: 11 Jul 2017 13:44

Instrument :

BNA_F

ClientSampleId :

SB-6(11.0-11.5)

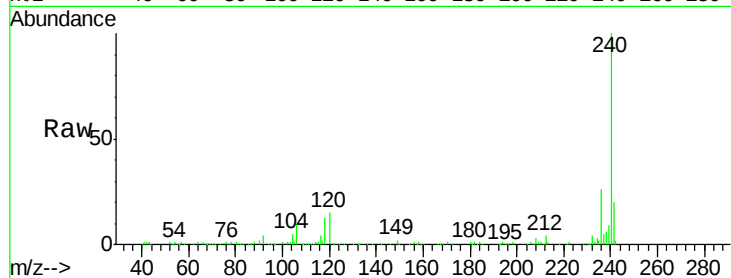
Tgt Ion:240 Resp: 226899

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

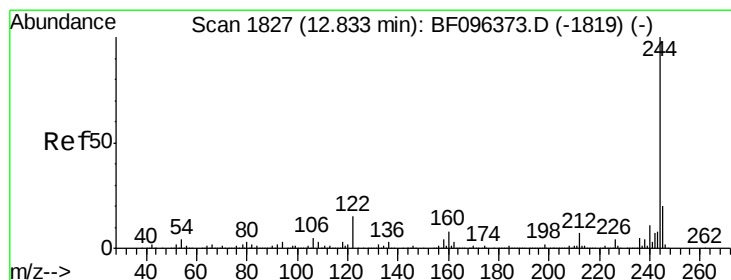
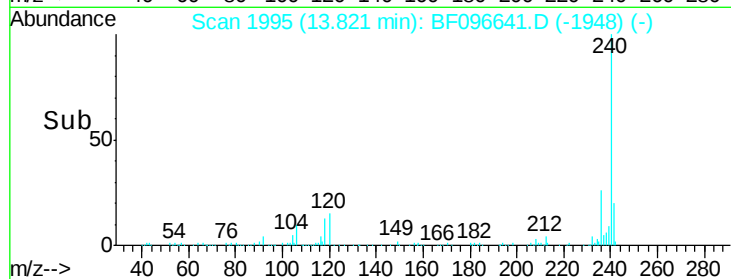
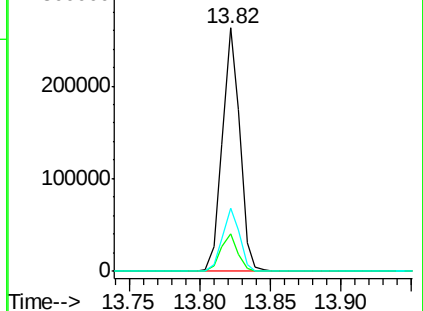
236 25.7 20.5 30.7



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: 60.448 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096641.D

Acq: 11 Jul 2017 13:44

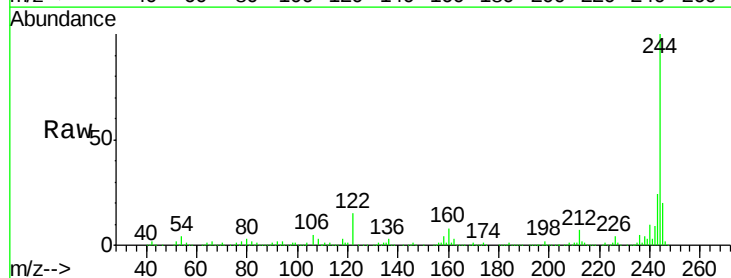
Tgt Ion:244 Resp: 641866

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

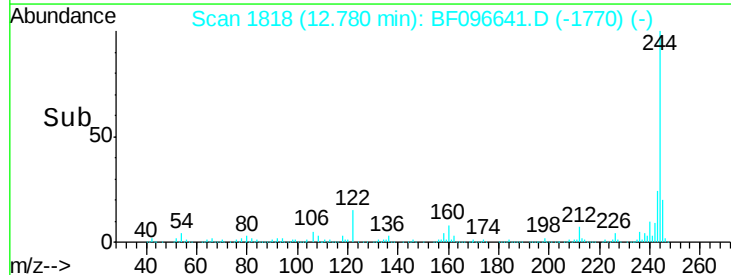
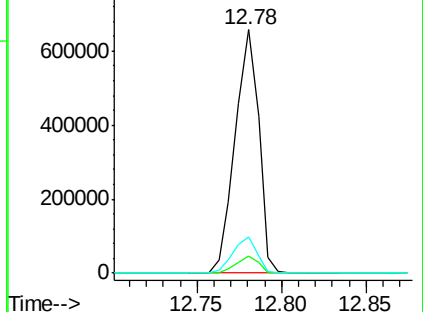
122 15.0 10.3 15.5

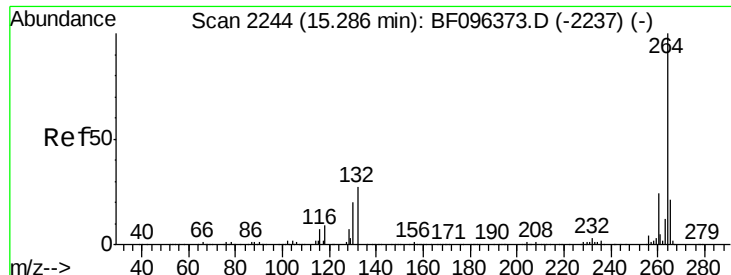


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF096641.D
Acq: 11 Jul 2017 13:44

Instrument :
BNA_F
ClientSampleId :
SB-6(11.0-11.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.8	17.2	25.8

