

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096848.D
 Acq On : 18 Jul 2017 15:21
 Operator : SJ/JU
 Sample : I4223-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1E

Quant Time: Jul 18 17:08:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

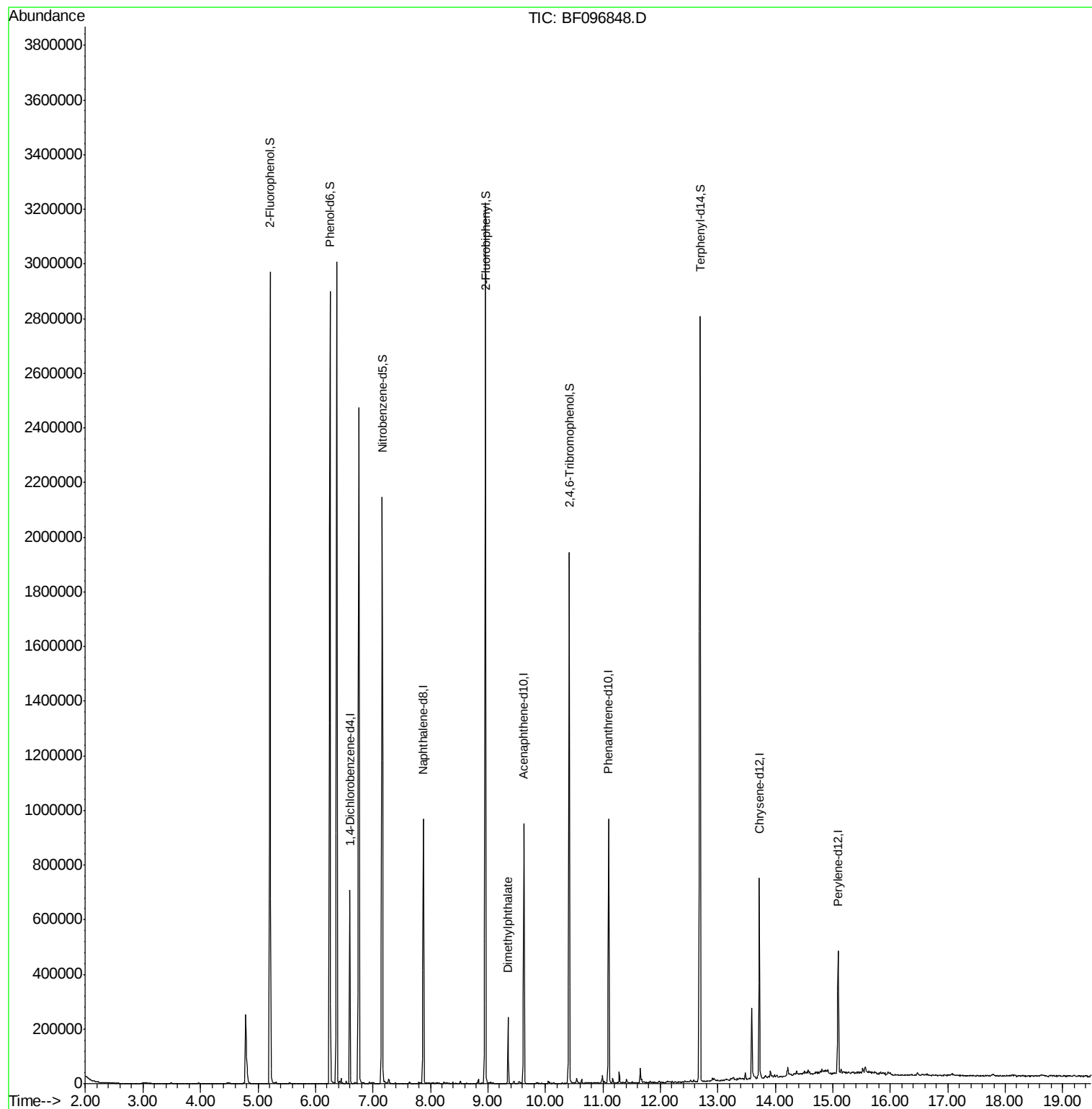
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	105541	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	477159	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	198429	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	347459	20.00	ng	0.00
75) Chrysene-d12	13.72	240	255022	20.00	ng	-0.01
86) Perylene-d12	15.09	264	178547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	920530	131.14	ng	0.02
7) Phenol-d6	6.26	99	1183892	140.55	ng	0.00
23) Nitrobenzene-d5	7.16	82	747244	97.00	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	251125	148.26	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1269068	101.05	ng	0.00
78) Terphenyl-d14	12.69	244	1000224	68.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.35	163	90460	6.054	ng	Qvalue 98

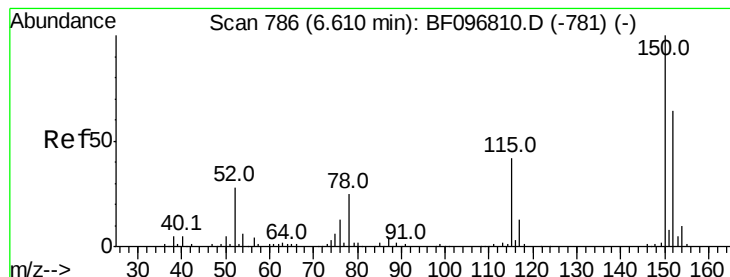
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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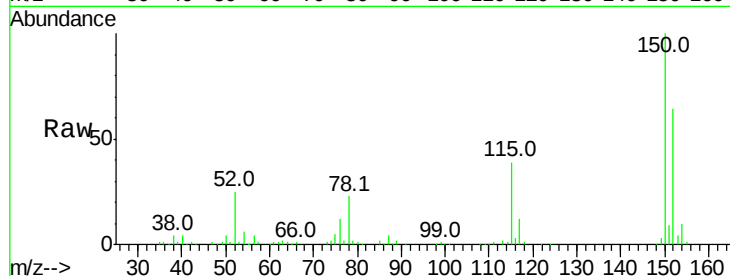


#1

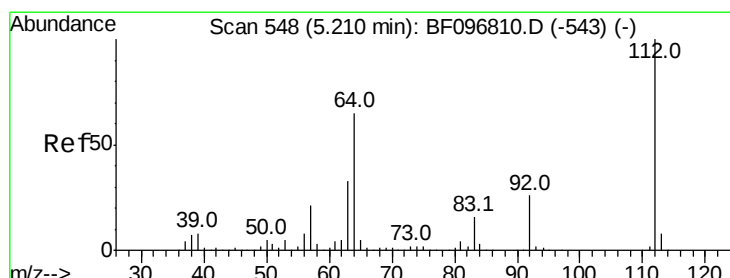
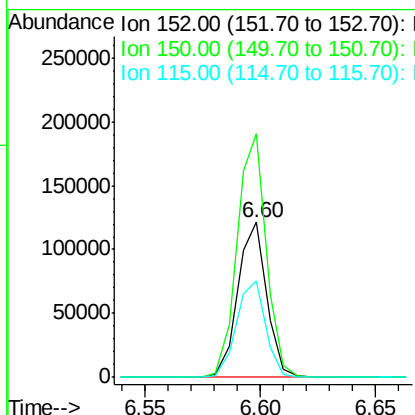
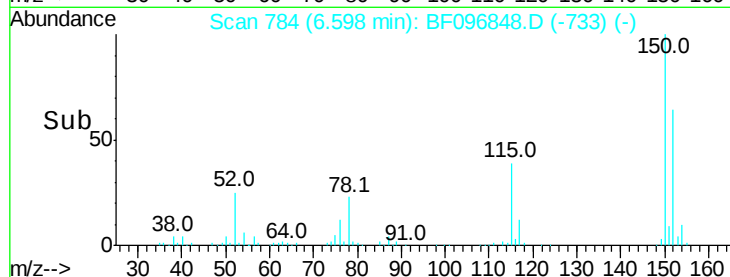
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF096848.D
 Acq: 18 Jul 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1E

Tot Ion:152 Resp: 105541
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 61.9 52.2 78.2



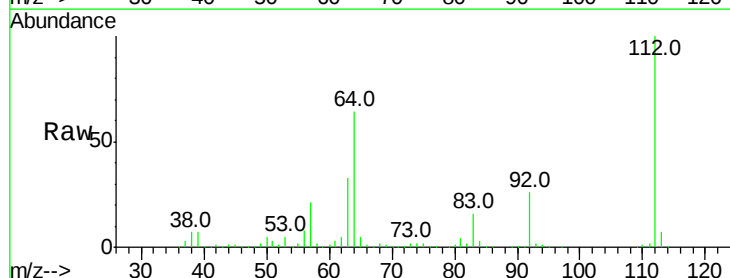
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



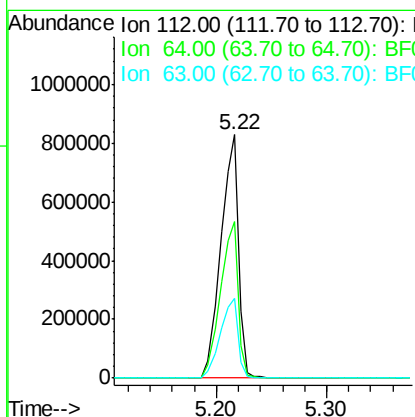
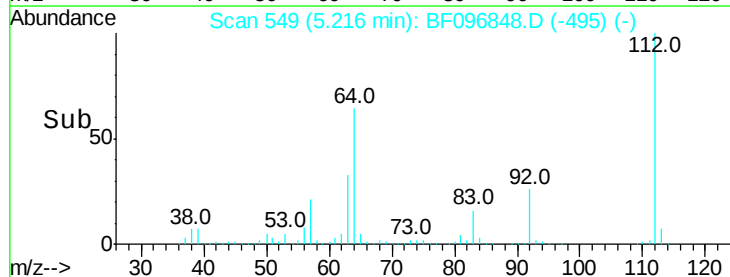
#5

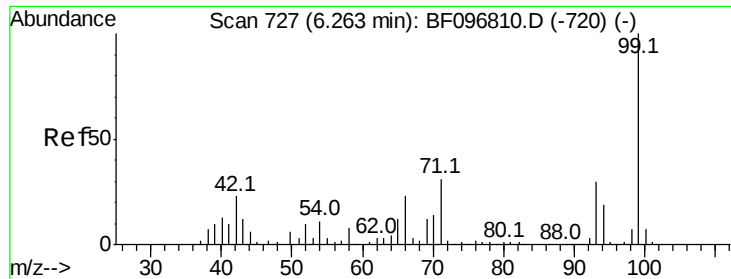
2-Fluorophenol
 Concen: 131.143 ng
 RT: 5.22 min Scan# 549
 Delta R.T. 0.02 min
 Lab File: BF096848.D
 Acq: 18 Jul 2017 15:21

Tgt Ion:112 Resp: 920530
 Ion Ratio Lower Upper
 112 100
 64 64.2 46.0 69.0
 63 32.9 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: 140.549 ng

RT: 6.26 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Instrument :

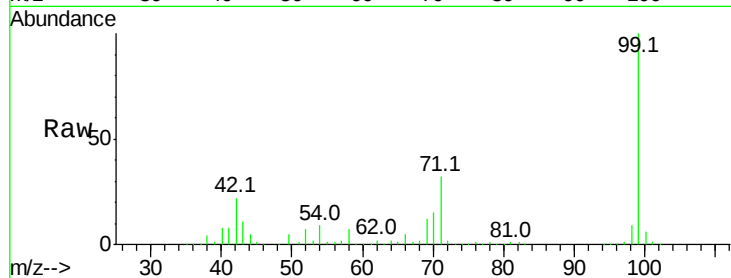
BNA_F

ClientSampleId :

WC071417-1E

Tot Ion: 99 Resp: 1183892

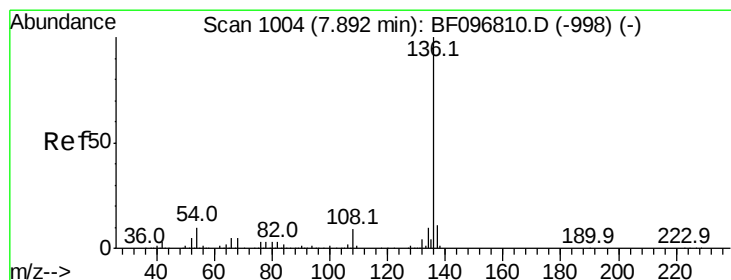
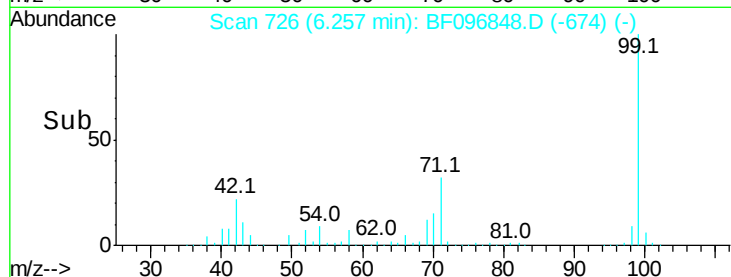
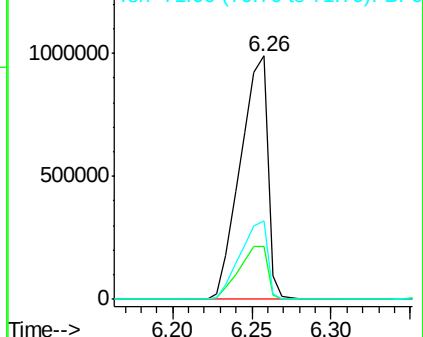
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	32.0	24.5	36.7



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: 7.87 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Tgt Ion: 136 Resp: 477159

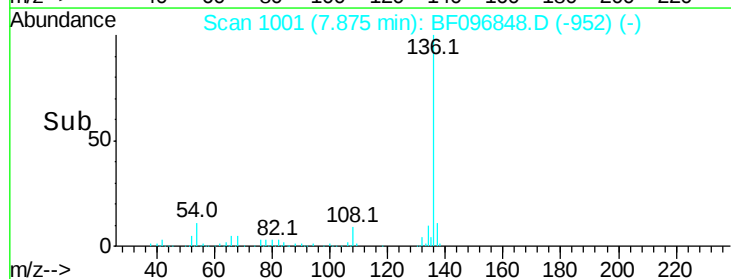
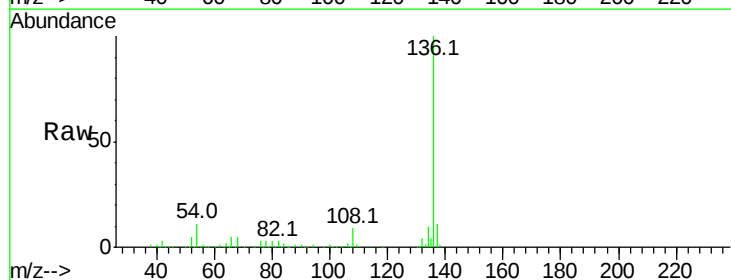
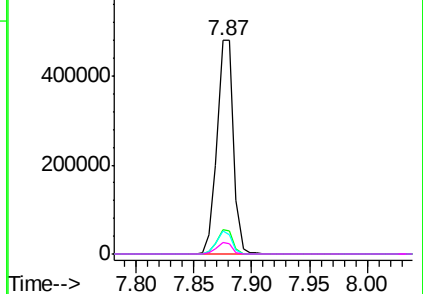
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.0	4.9	7.3#
68	5.1	4.1	6.1

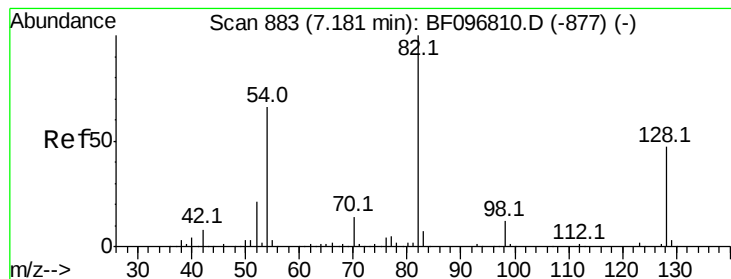
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.001 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Instrument :

BNA_F

ClientSampleId :

WC071417-1E

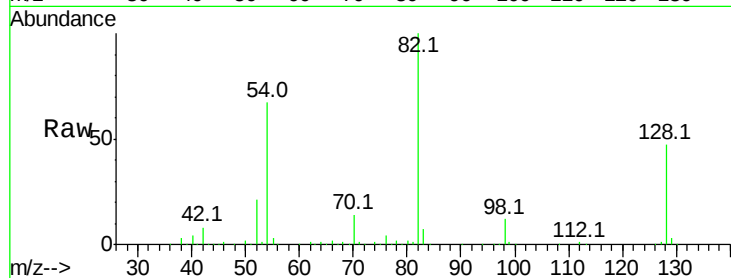
Tot Ion: 82 Resp: 747244

Ion Ratio Lower Upper

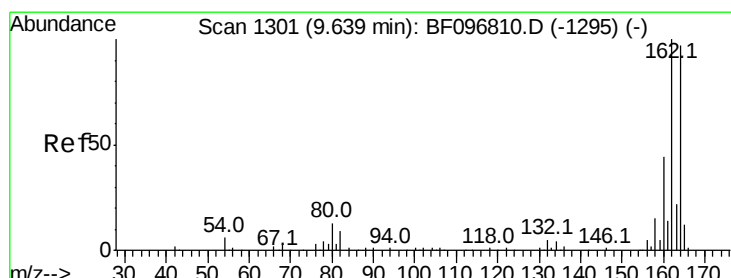
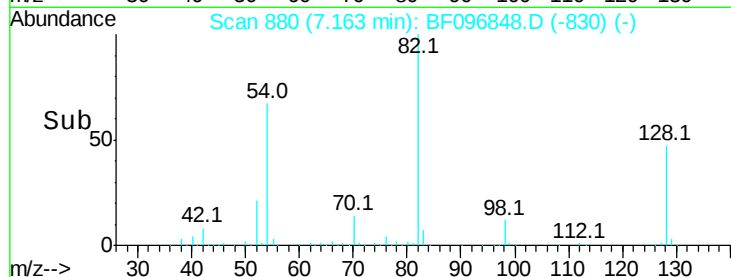
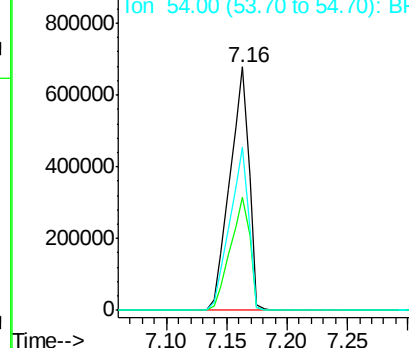
82 100

128 46.7 34.0 51.0

54 67.2 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: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

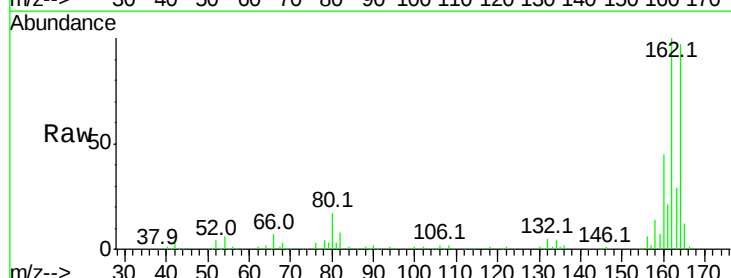
Tgt Ion:164 Resp: 198429

Ion Ratio Lower Upper

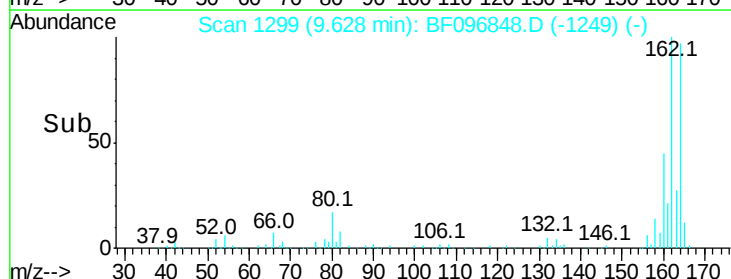
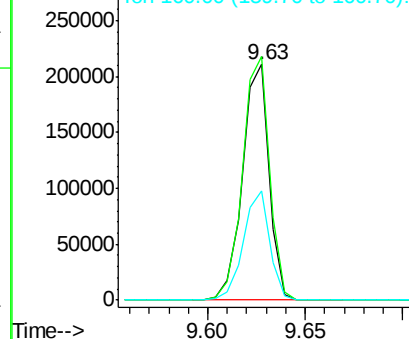
164 100

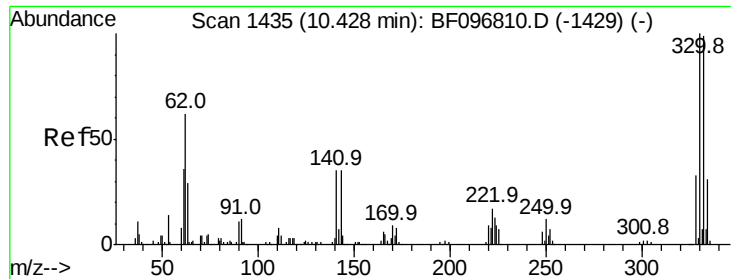
162 103.2 82.6 123.8

160 46.5 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

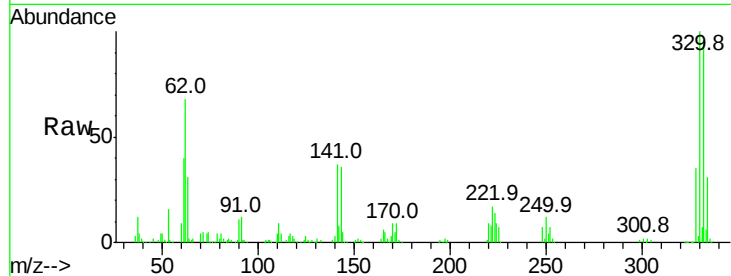




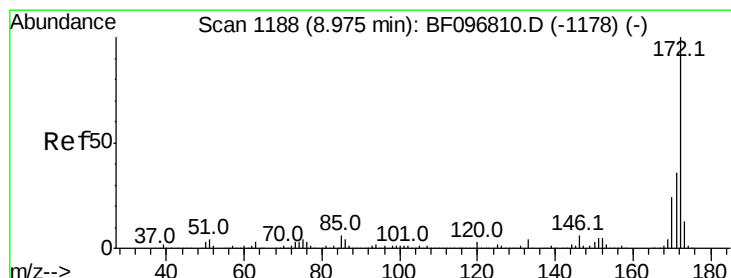
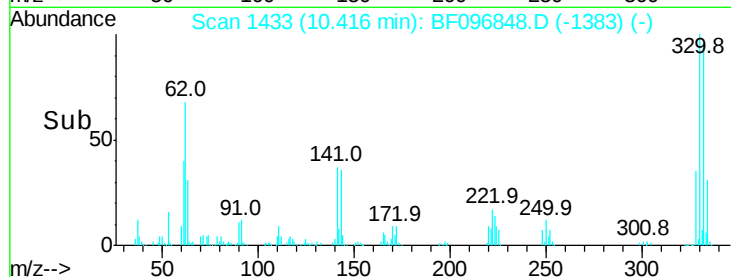
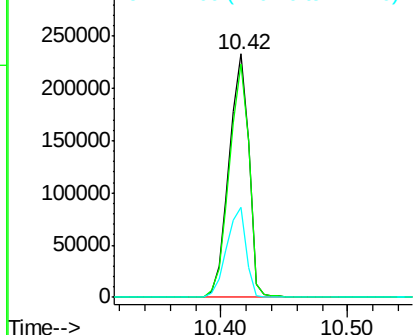
#41
 2,4,6-Tribromophenol
 Concen: 148.265 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096848.D
 Acq: 18 Jul 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1E

Tot Ion:330 Resp: 251125
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 36.4 31.4 47.2

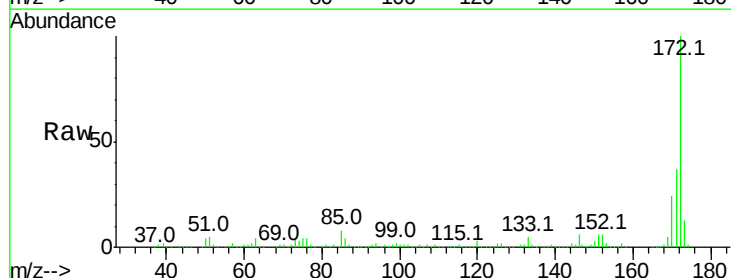


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

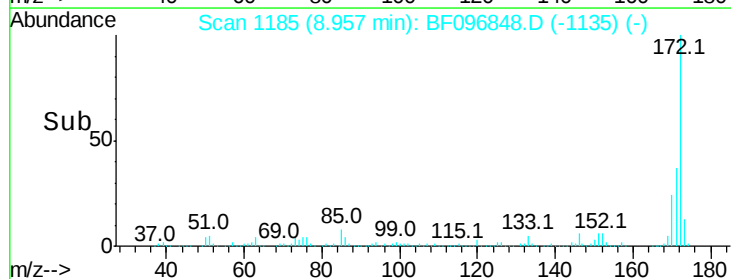
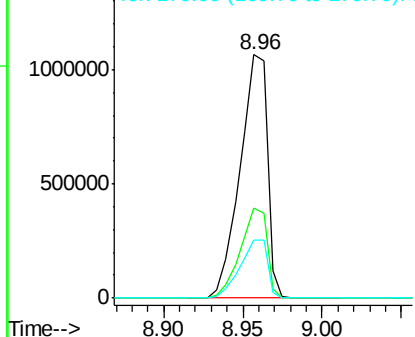


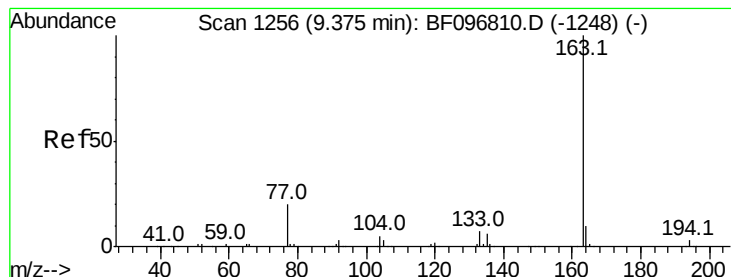
#44
 2-Fluorobiphenyl
 Concen: 101.045 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096848.D
 Acq: 18 Jul 2017 15:21

Tgt Ion:172 Resp: 1269068
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 23.9 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: 6.054 ng

RT: 9.35 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Instrument :

BNA_F

ClientSampleId :

WC071417-1E

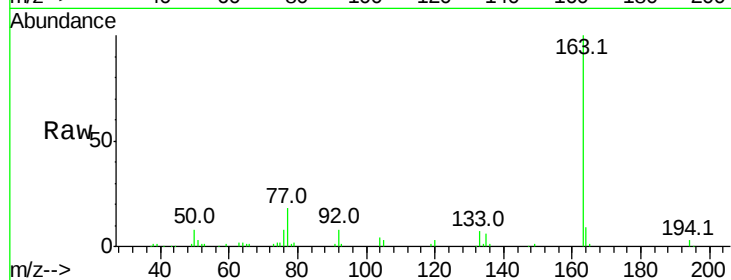
Tot Ion:163 Resp: 90460

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

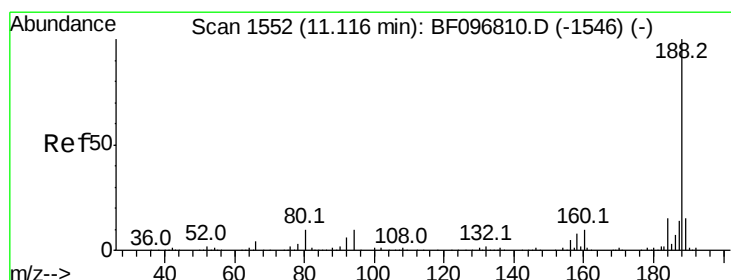
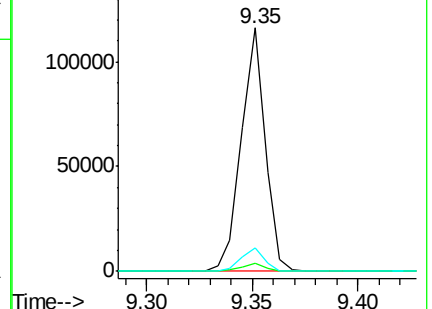
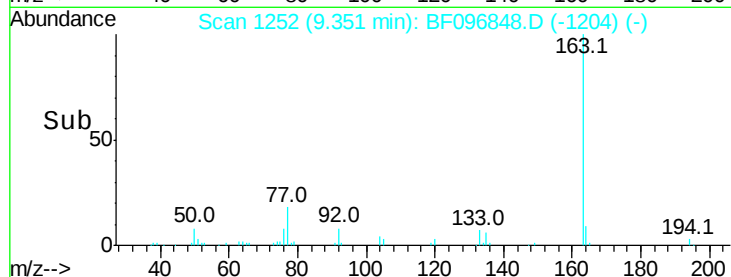
164 9.4 8.4 12.6



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: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

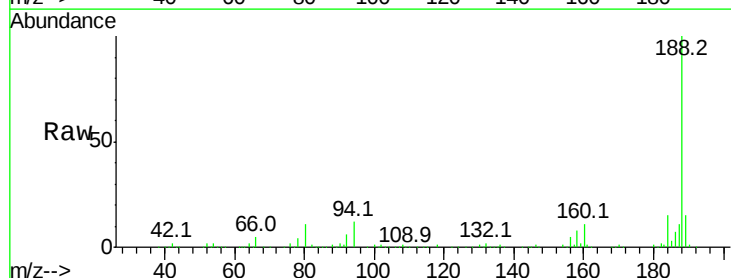
Tgt Ion:188 Resp: 347459

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

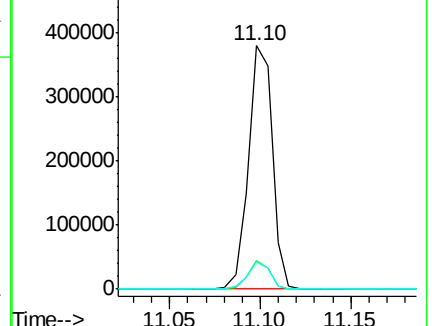
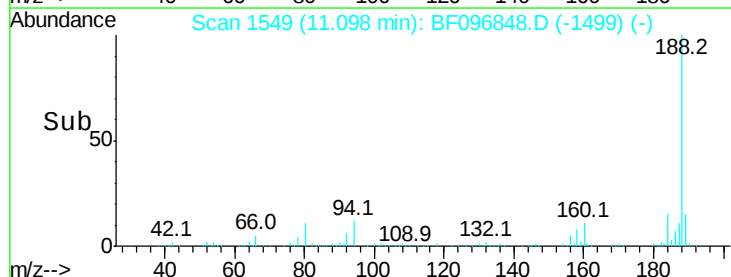
80 11.3 10.2 15.2

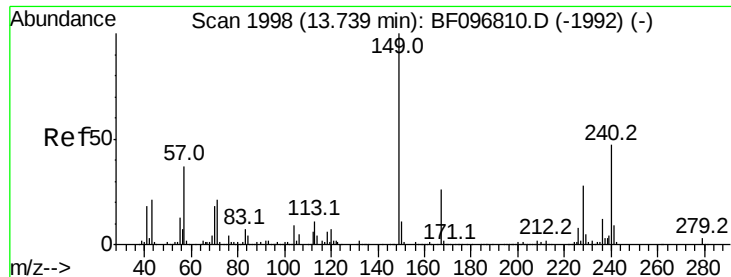


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Instrument :

BNA_F

ClientSampleId :

WC071417-1E

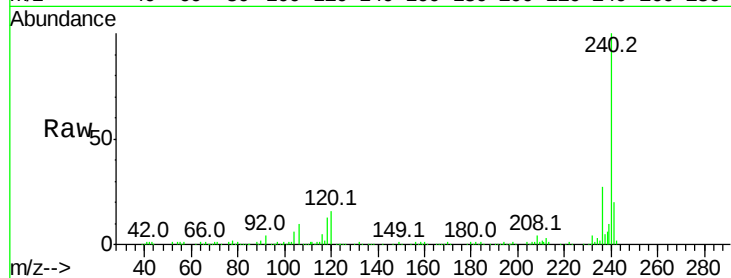
Tot Ion:240 Resp: 255022

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

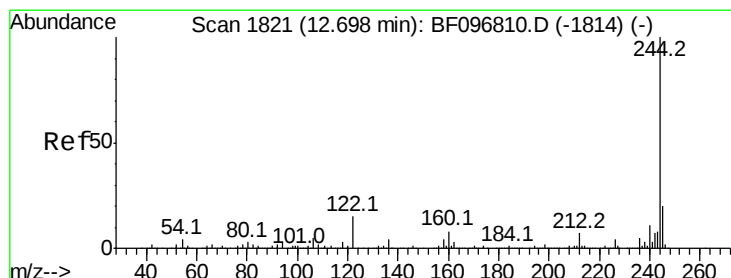
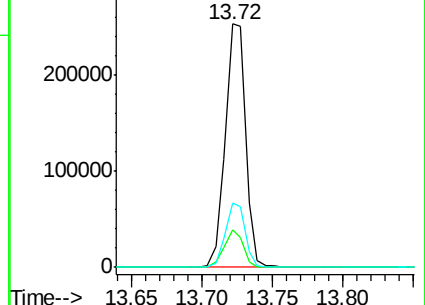
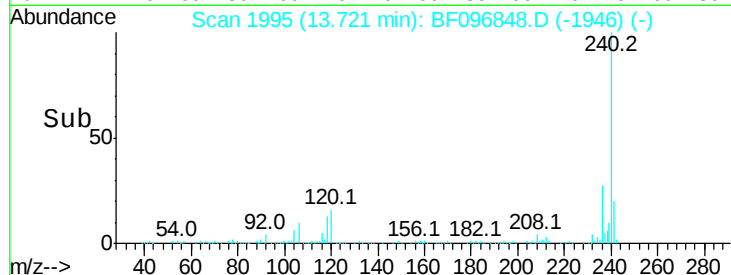
236 26.6 20.5 30.7



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: 68.020 ng

RT: 12.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

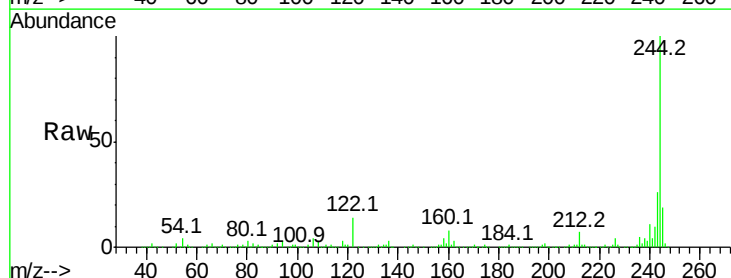
Tgt Ion:244 Resp: 1000224

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

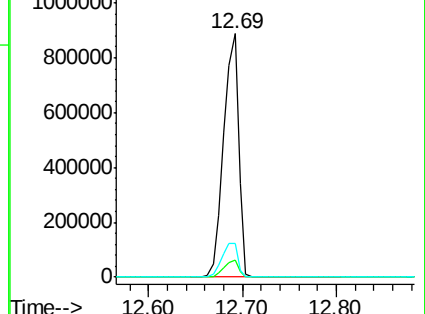
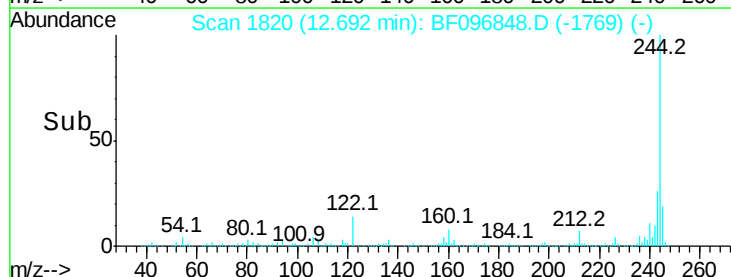
122 13.9 10.3 15.5

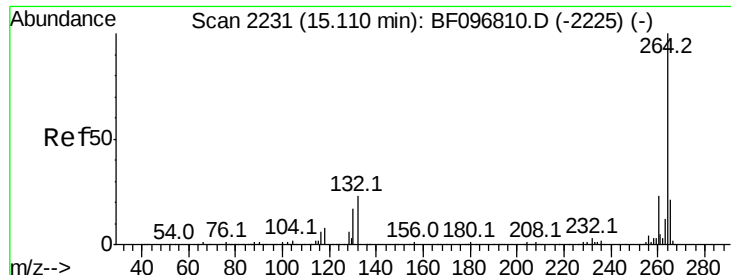


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

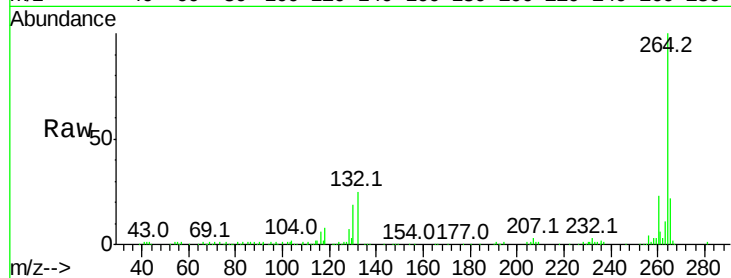




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096848.D
 Acq: 18 Jul 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1E

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.4	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

