

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096598.D
 Acq On : 10 Jul 2017 13:57
 Operator : SJ/JU
 Sample : I4069-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Jul 11 02:18:37 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

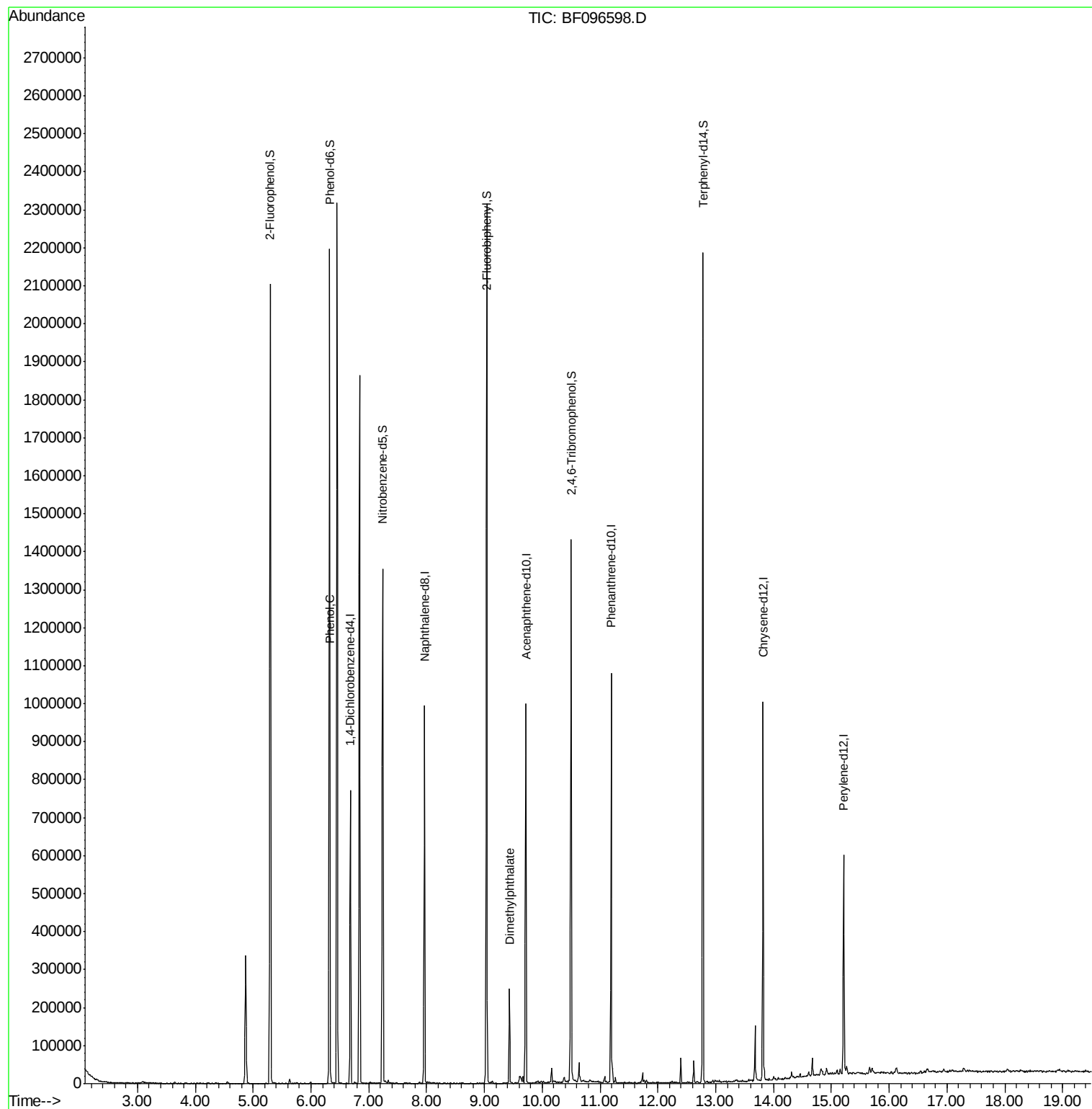
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	108999	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	454875	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	212372	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	376835	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	335365	20.00	ng	-0.02
86) Perylene-d12	15.22	264	238161	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	614693	83.24	ng	-0.01
7) Phenol-d6	6.32	99	757074	83.39	ng	-0.02
23) Nitrobenzene-d5	7.24	82	436801	57.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	169559	102.21	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	814670	65.59	ng	-0.02
78) Terphenyl-d14	12.78	244	717043	45.69	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	24736	2.39	ng	90
49) Dimethylphthalate	9.43	163	96508	6.09	ng	100

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

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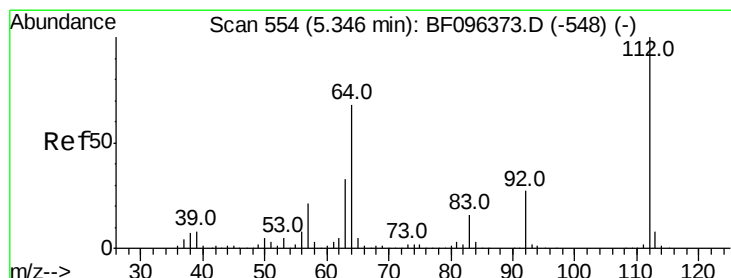
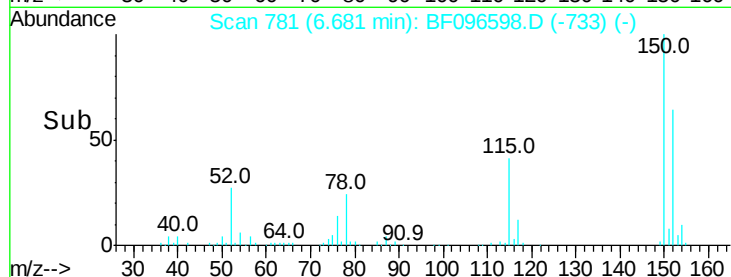
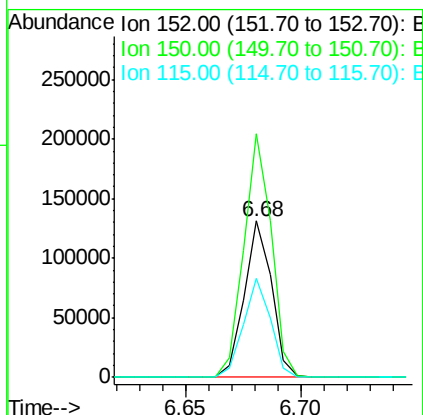
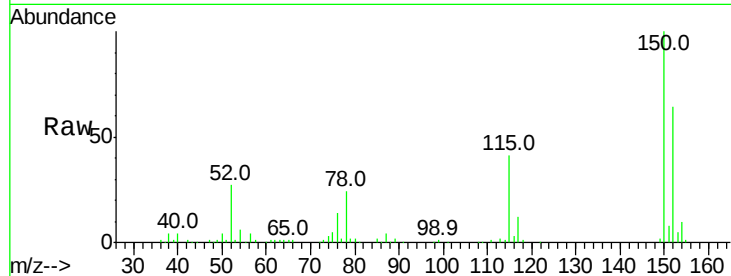


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

Instrument :
BNA_F
ClientSampled :
SB-2

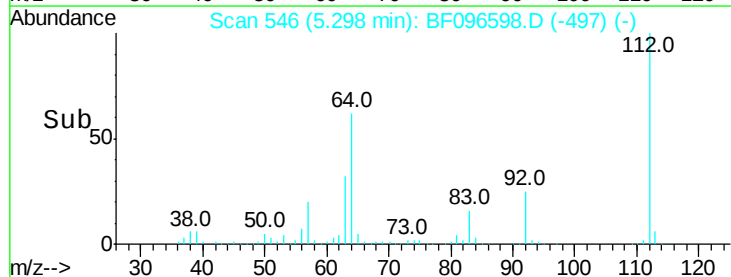
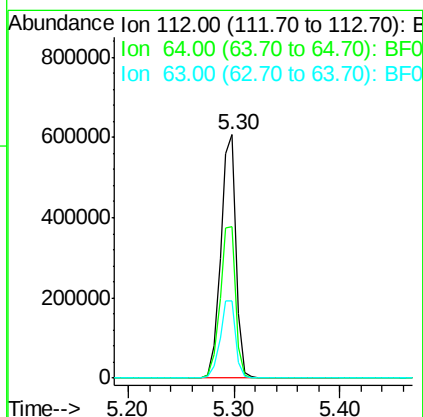
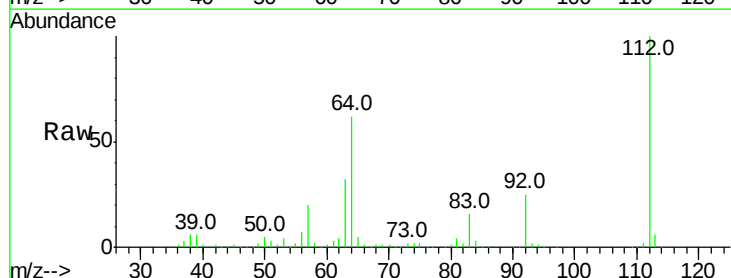
Tot Ion:152 Resp: 108999
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 63.7 52.2 78.2



#5

2-Fluorophenol
Concen: 83.24 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

Tgt Ion:112 Resp: 614693
Ion Ratio Lower Upper
112 100
64 62.2 46.0 69.0
63 31.5 23.4 35.0





#7

Phenol-d6

Concen: 83.39 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096598.D

Acq: 10 Jul 2017 13:57

Instrument :

BNA_F

ClientSampled :

SB-2

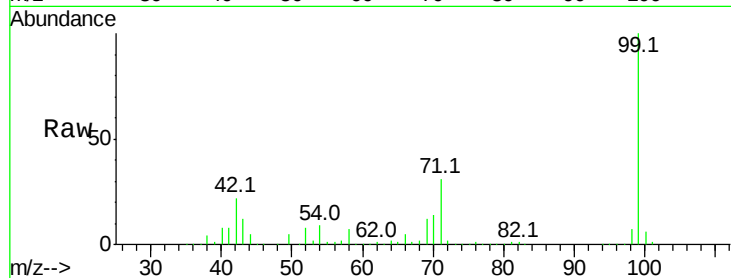
Tot Ion: 99 Resp: 757074

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

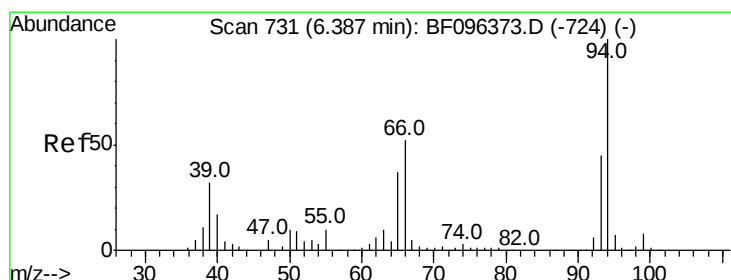
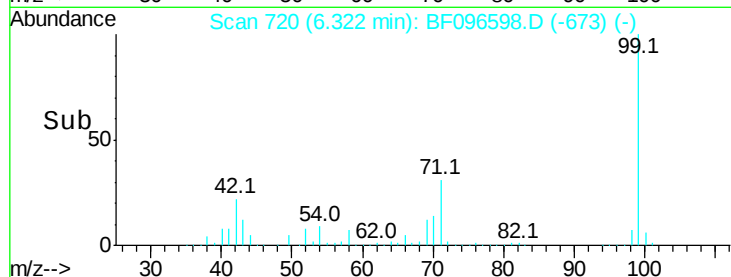
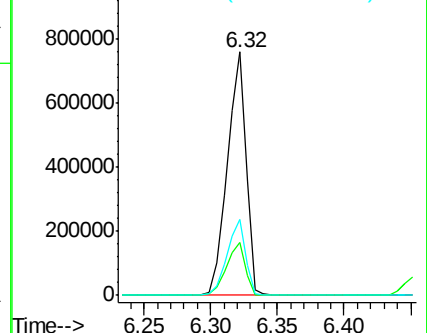
71 31.3 24.5 36.7



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



#10

Phenol

Concen: 2.39 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096598.D

Acq: 10 Jul 2017 13:57

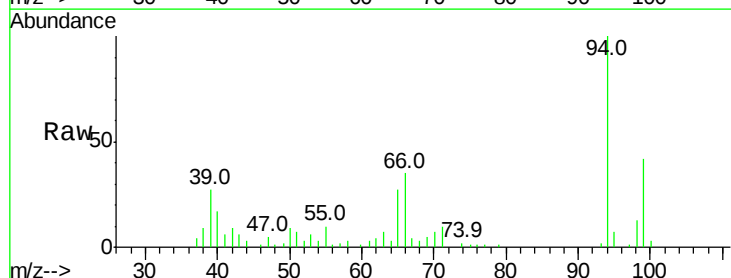
Tgt Ion: 94 Resp: 24736

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

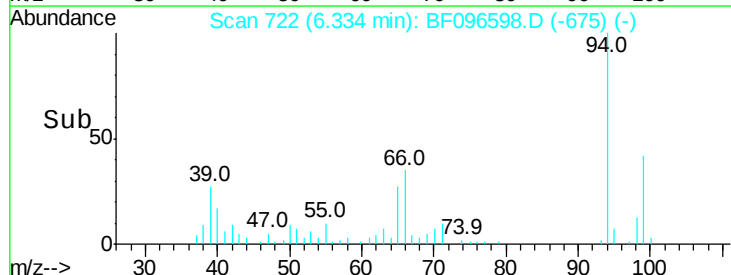
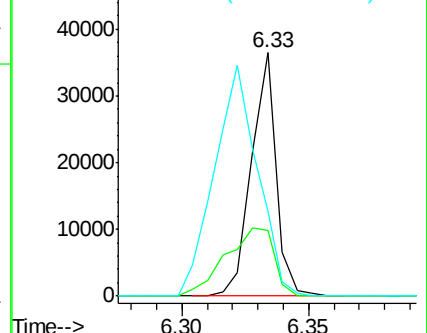
66 35.1 23.1 63.1

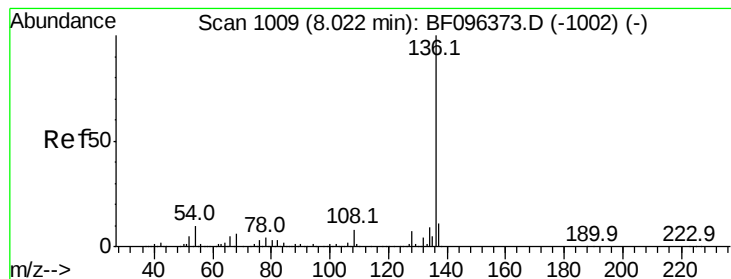


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096598.D

Acq: 10 Jul 2017 13:57

Instrument :

BNA_F

ClientSampleId :

SB-2

Tot Ion:136 Resp: 454875

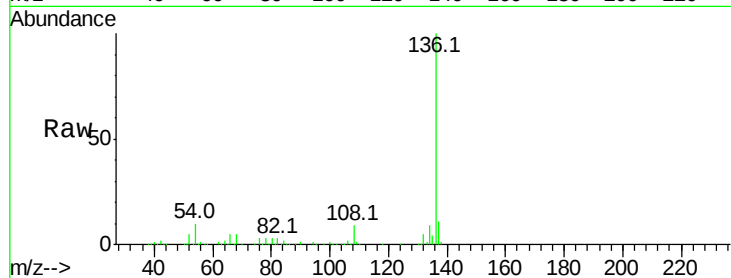
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.5 4.9 7.3#

68 5.0 4.1 6.1

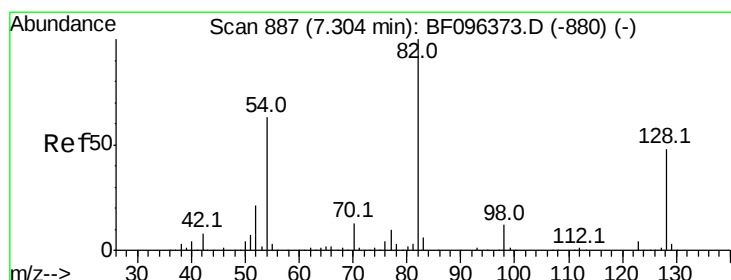
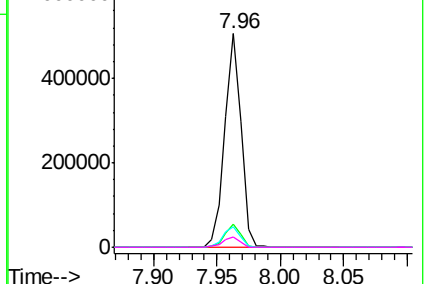
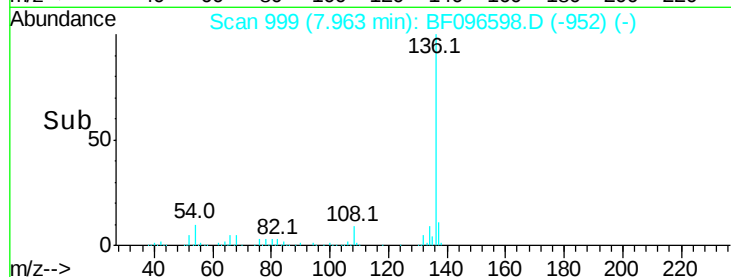


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.70 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF096598.D

Acq: 10 Jul 2017 13:57

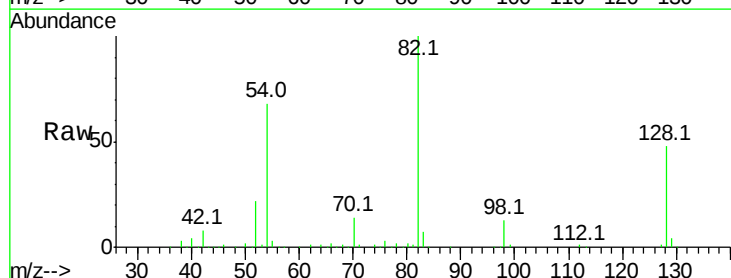
Tgt Ion: 82 Resp: 436801

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

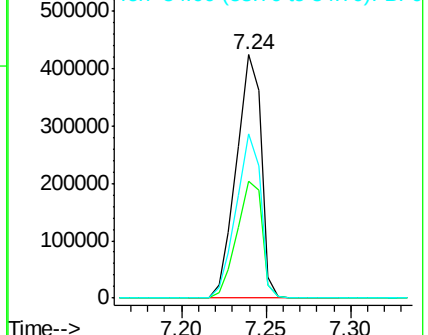
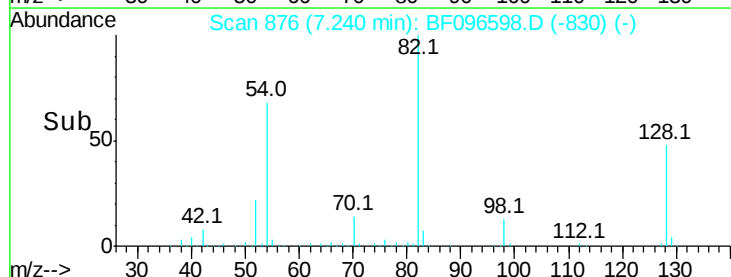
54 67.6 42.2 63.2#

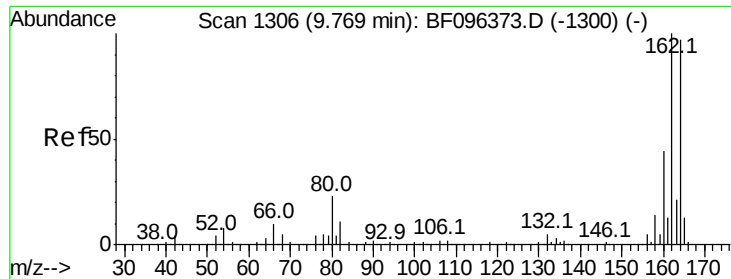


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

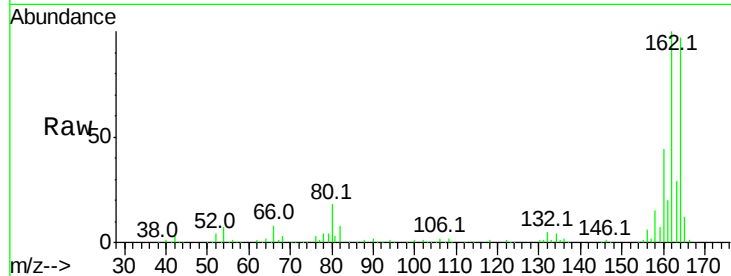




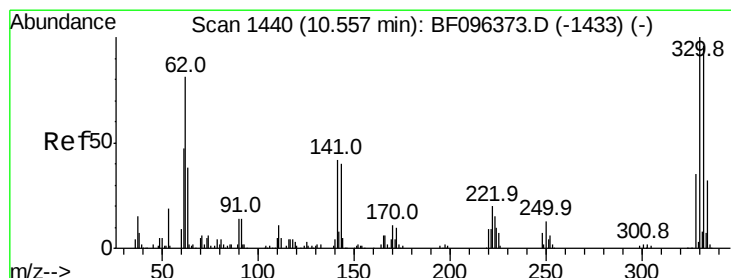
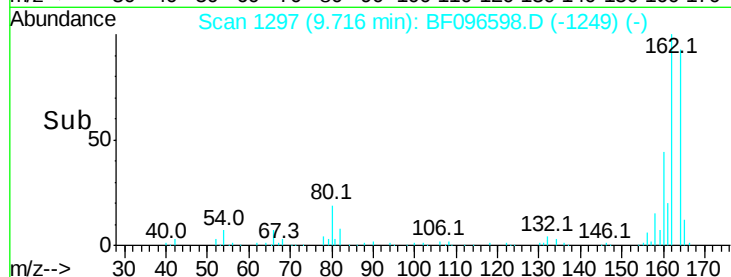
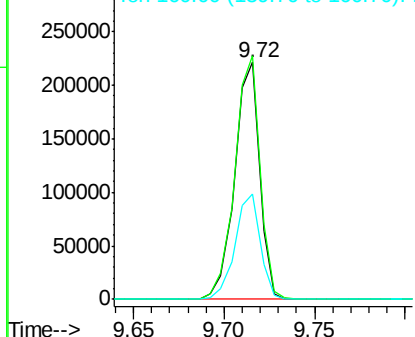
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion:164 Resp: 212372
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 44.7 36.2 54.2

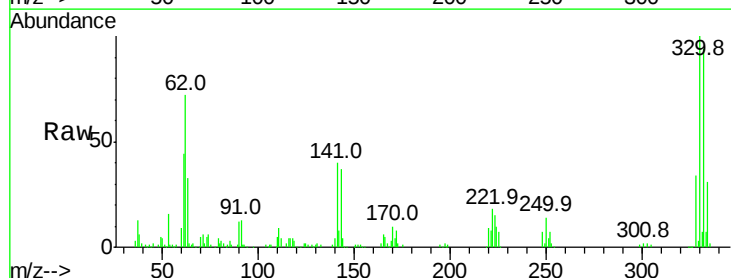


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

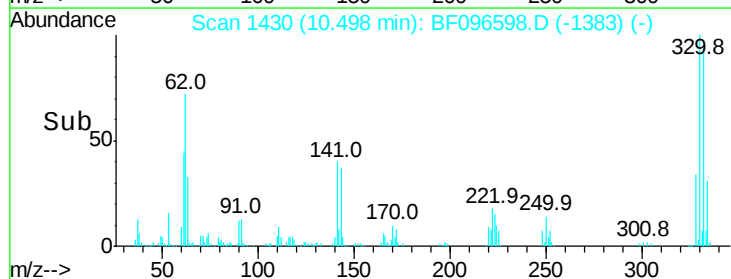
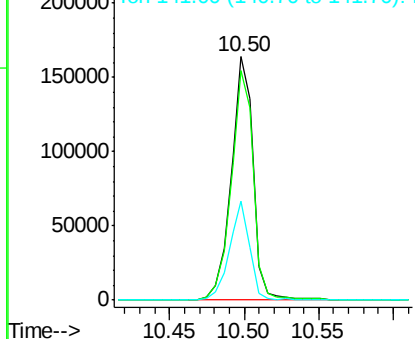


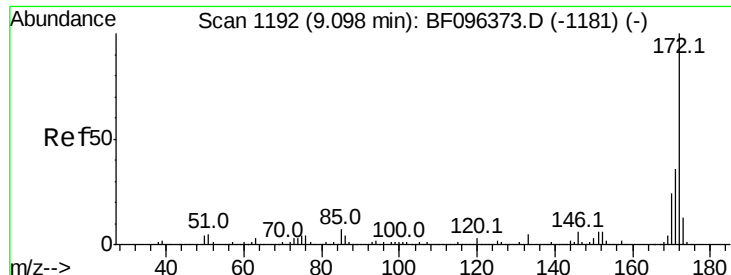
#41
2,4,6-Tribromophenol
Concen: 102.21 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

Tgt Ion:330 Resp: 169559
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 38.0 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

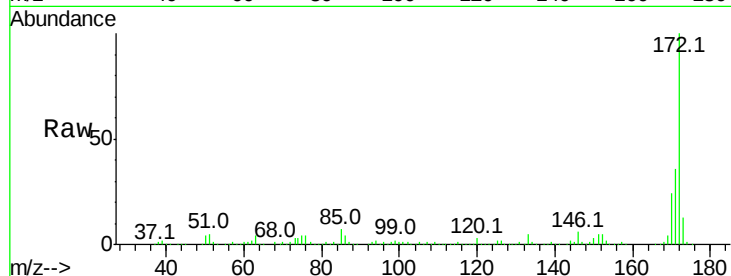




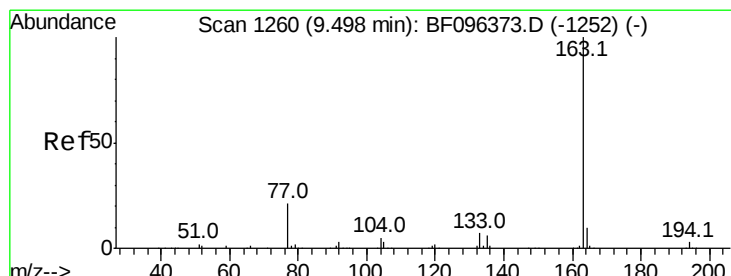
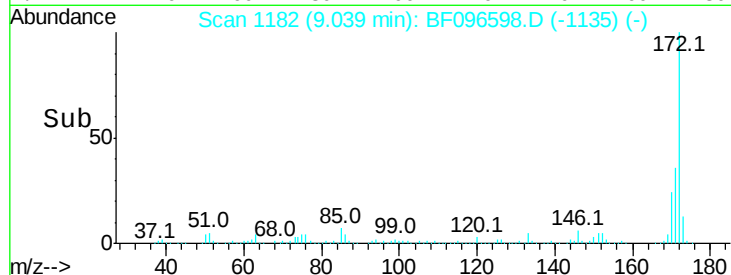
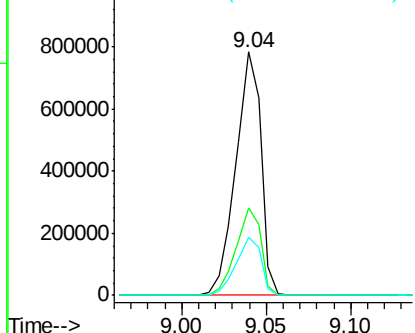
#44
2-Fluorobiphenyl
Concen: 65.59 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion:172 Resp: 814670
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.0 19.8 29.8

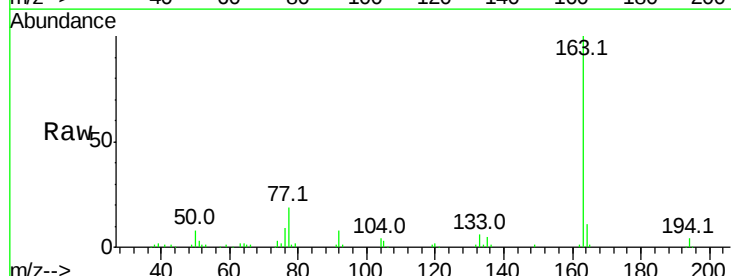


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

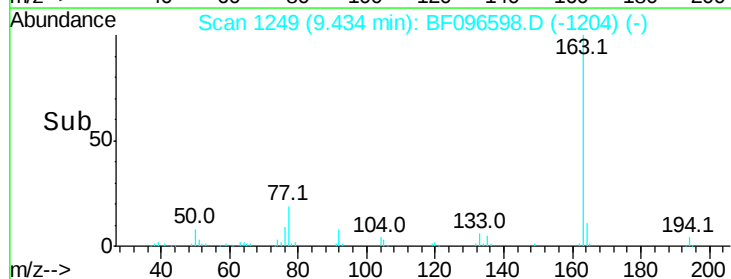
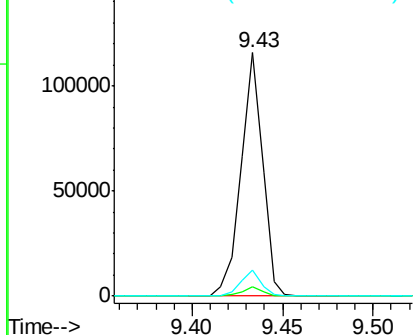


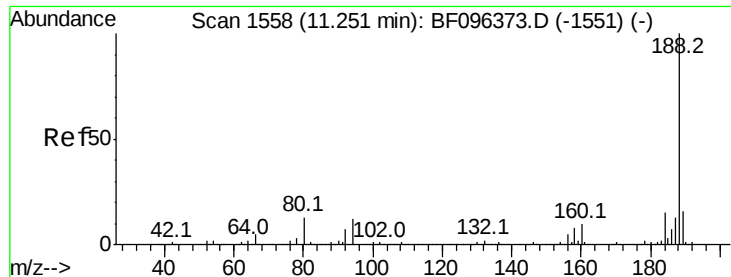
#49
Dimethylphthalate
Concen: 6.09 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

Tgt Ion:163 Resp: 96508
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.5 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

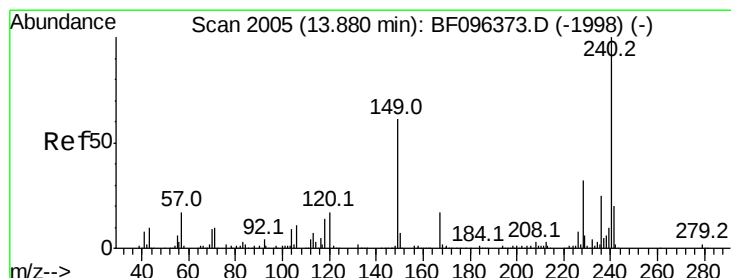
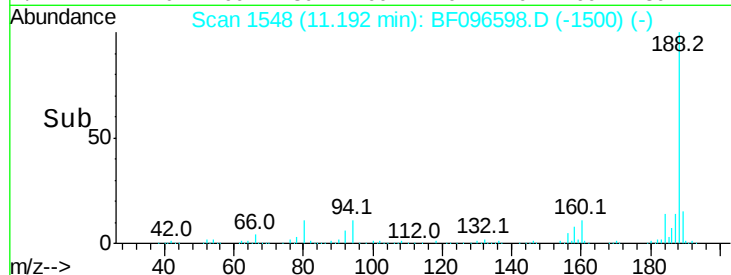
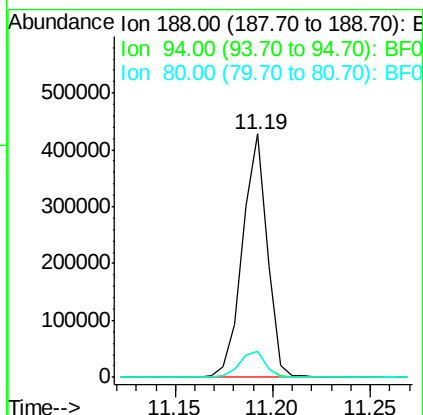
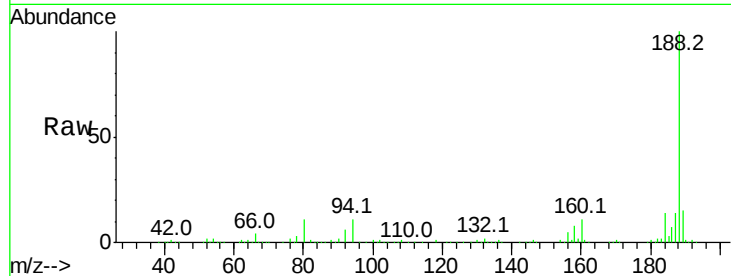




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

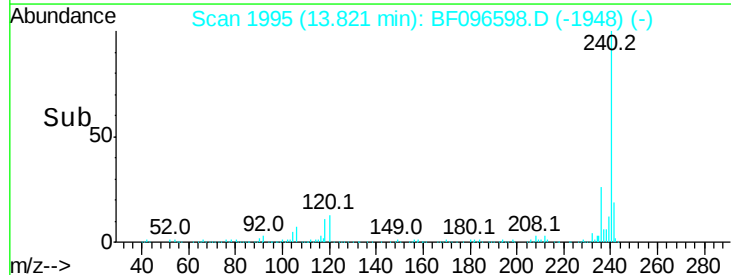
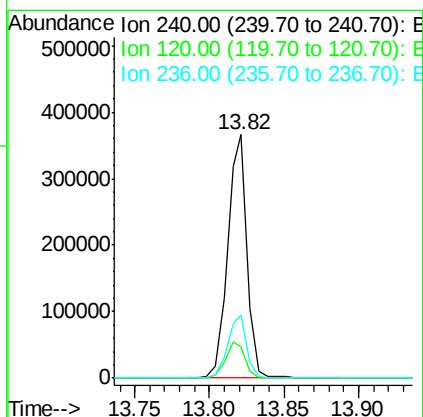
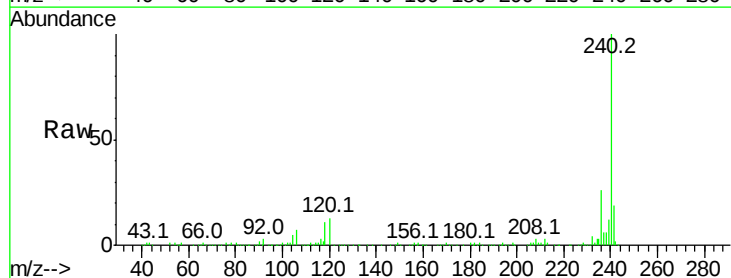
Instrument :
BNA_F
ClientSampled :
SB-2

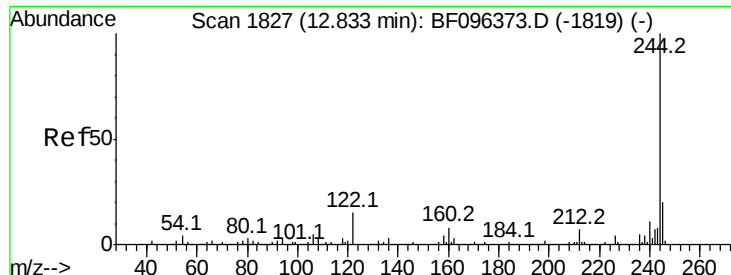
Tot Ion:188 Resp: 376835
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096598.D
Acq: 10 Jul 2017 13:57

Tgt Ion:240 Resp: 335365
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 25.8 20.5 30.7





#78

Terphenyl-d14

Concen: 45.69 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096598.D

Acq: 10 Jul 2017 13:57

Instrument :

BNA_F

ClientSampleId :

SB-2

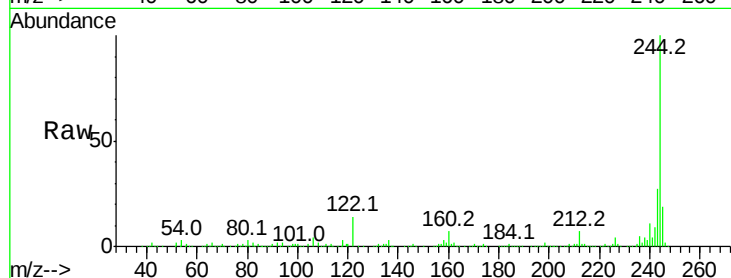
Tot Ion:244 Resp: 717043

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

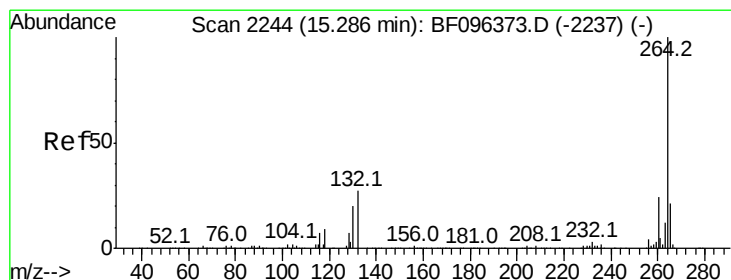
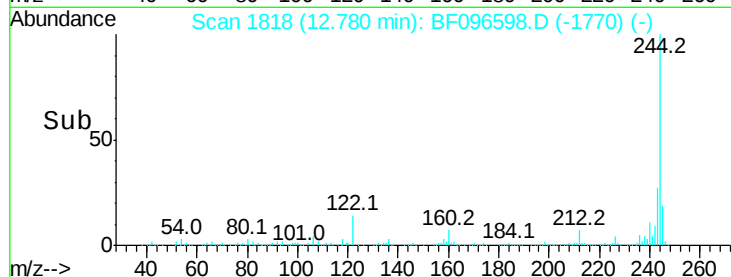
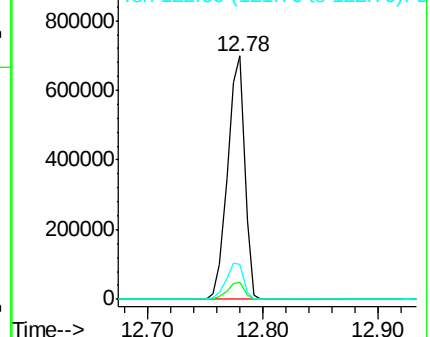
122 14.3 10.3 15.5



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: 20.00 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096598.D

Acq: 10 Jul 2017 13:57

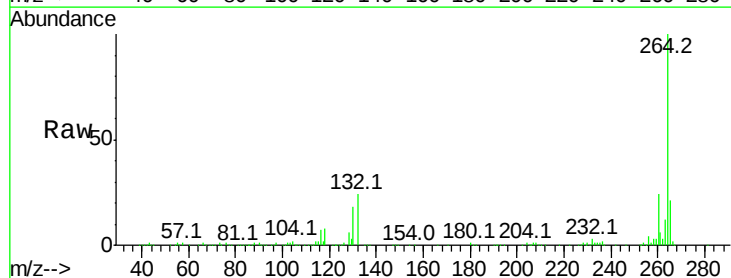
Tgt Ion:264 Resp: 238161

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 20.8 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

