

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096640.D
 Acq On : 11 Jul 2017 13:16
 Operator : SJ/JU
 Sample : I4113-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Jul 11 16:54:56 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

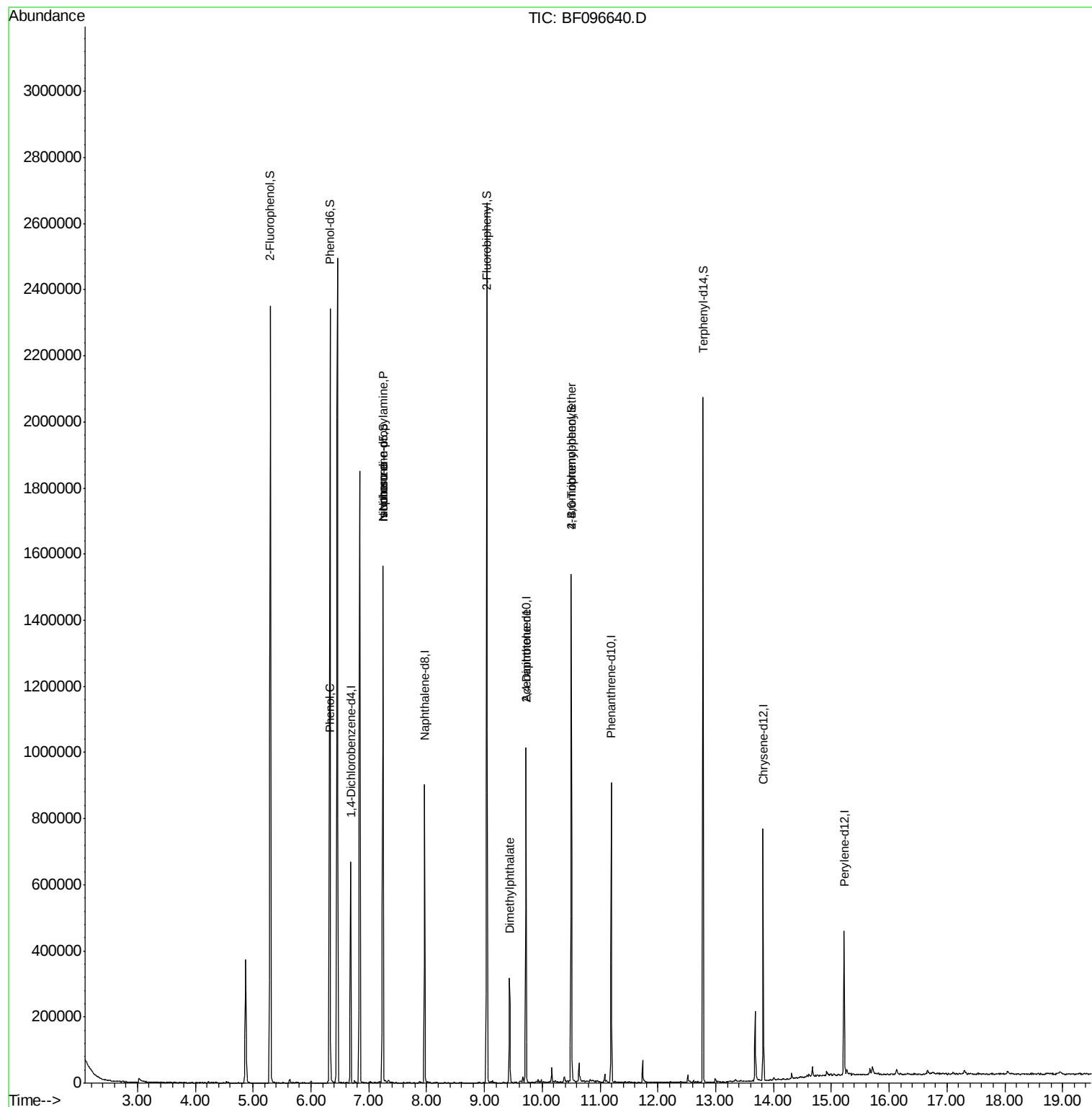
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103181	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	431584	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	192575	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	329578	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	240748	20.00	ng	-0.02
86) Perylene-d12	15.22	264	180199	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	657050	93.99	ng	-0.01
7) Phenol-d6	6.33	99	822033	95.65	ng	-0.02
23) Nitrobenzene-d5	7.25	82	487551	67.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	172445	114.64	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	847635	75.26	ng	-0.02
78) Terphenyl-d14	12.78	244	681773	60.51	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	24260	2.478	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	64051	12.510	ng	# 86
25) Isophorone	7.25	82	487542	35.011	ng	# 67
49) Dimethylphthalate	9.43	163	124577	8.666	ng	98
56) 2,4-Dinitrotoluene	9.72	165	24249	6.023	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	11061	3.448	ng	# 1

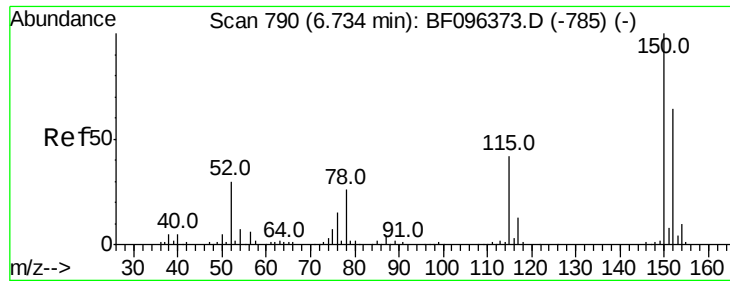
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096640.D
Acq On : 11 Jul 2017 13:16
Operator : SJ/JU
Sample : I4113-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

Quant Time: Jul 11 16:54:56 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



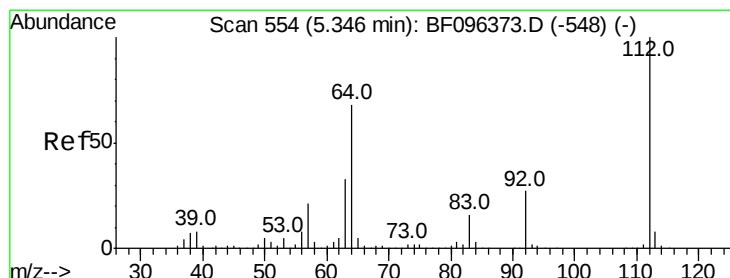
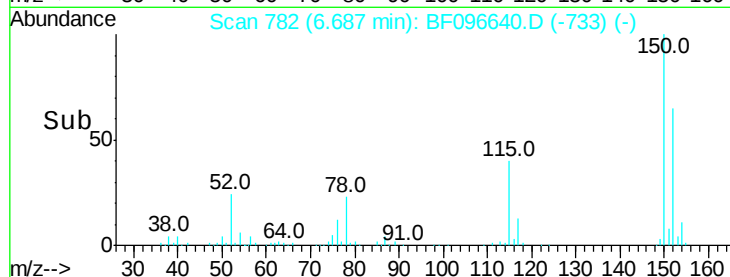
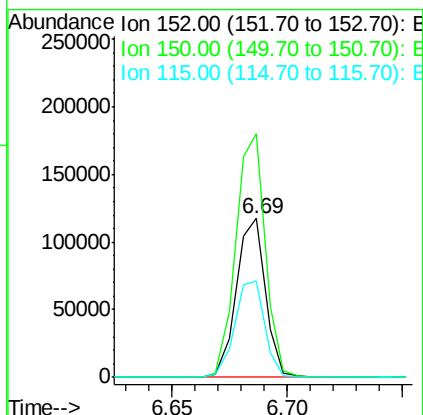
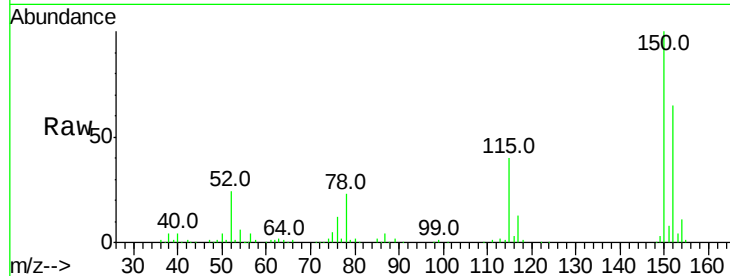


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

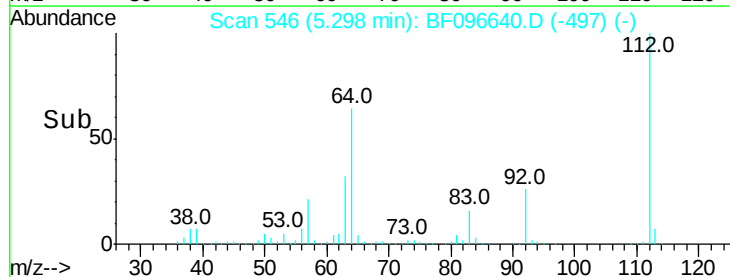
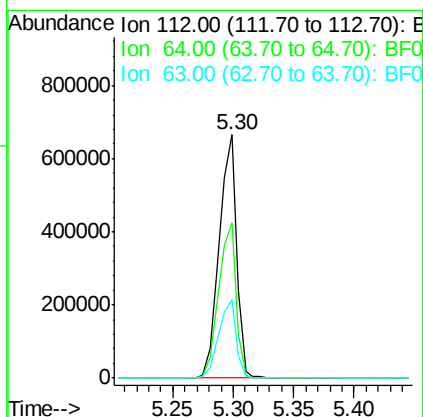
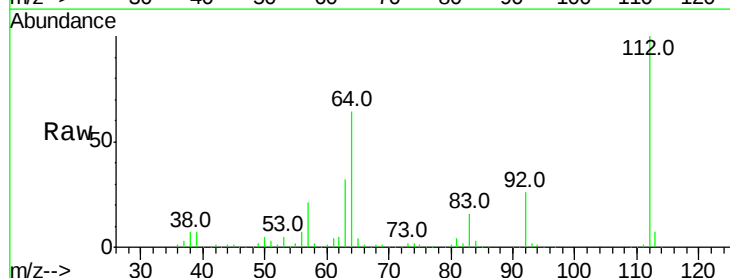
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	60.7	52.2	78.2

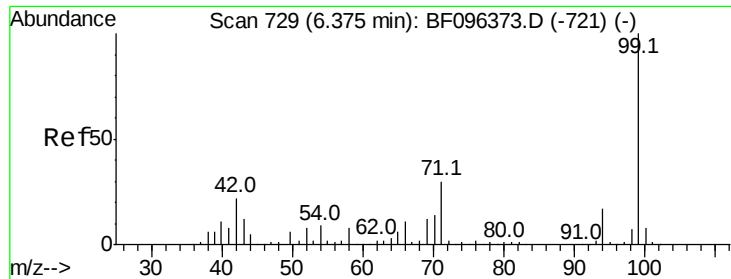


#5

2-Fluorophenol
 Concen: 93.989 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	32.0	23.4	35.0





#7

Phenol-d6

Concen: 95.650 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096640.D

Acq: 11 Jul 2017 13:16

Instrument :

BNA_F

ClientSampled :

SB-4

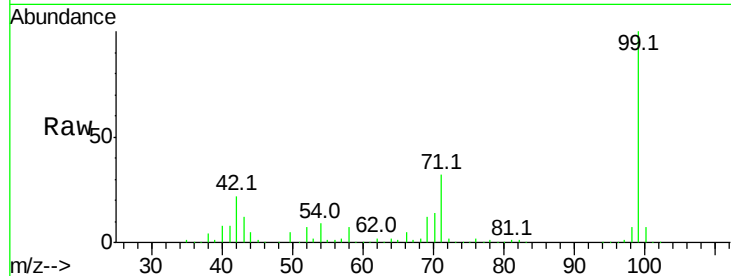
Tot Ion: 99 Resp: 822033

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

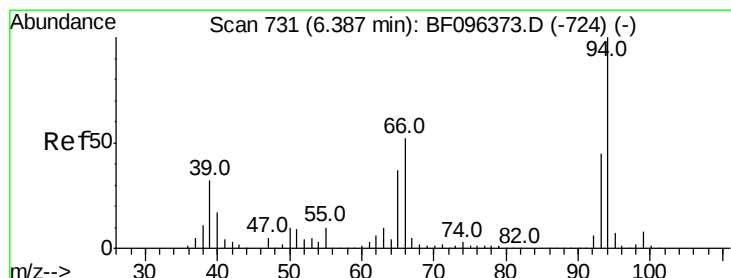
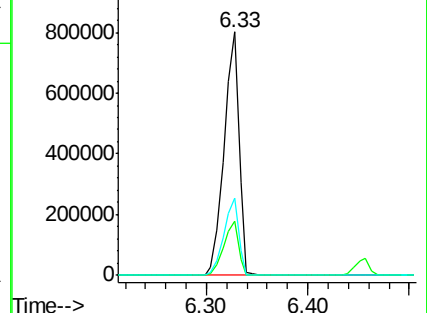
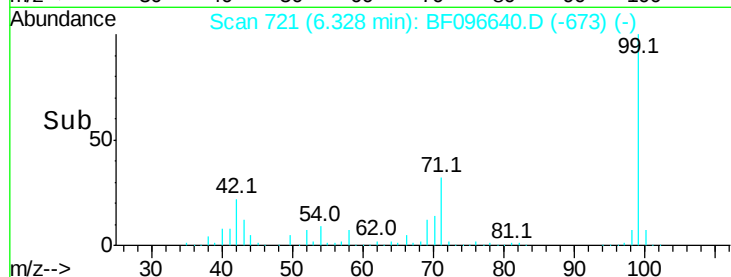
71 32.0 24.5 36.7



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



#10

Phenol

Concen: 2.478 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096640.D

Acq: 11 Jul 2017 13:16

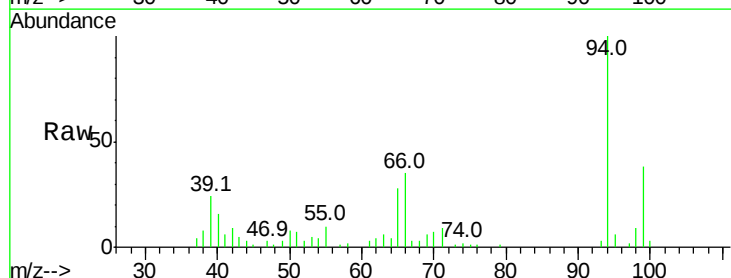
Tgt Ion: 94 Resp: 24260

Ion Ratio Lower Upper

94 100

65 27.9 9.9 49.9

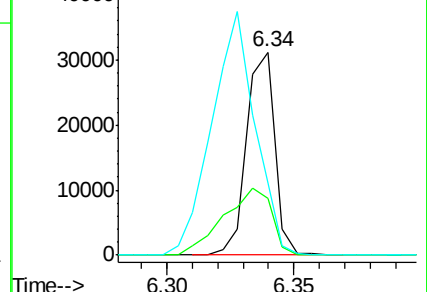
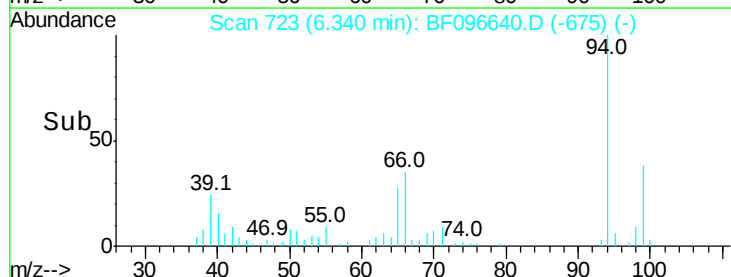
66 35.3 23.1 63.1

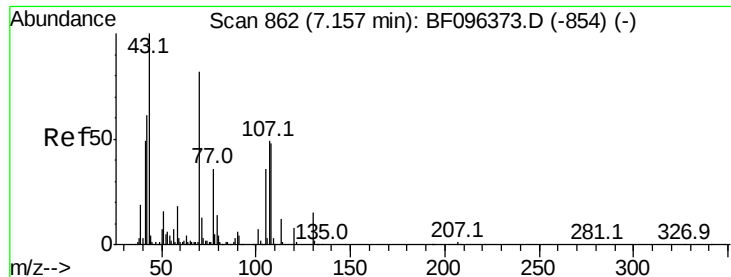


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

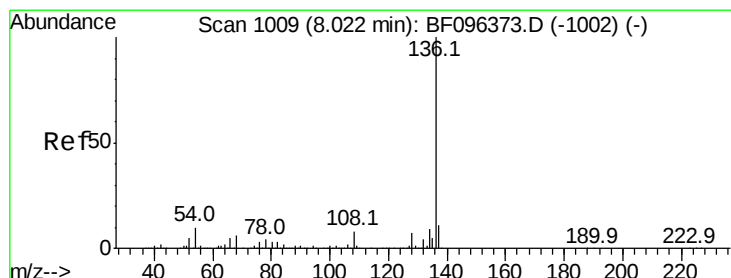
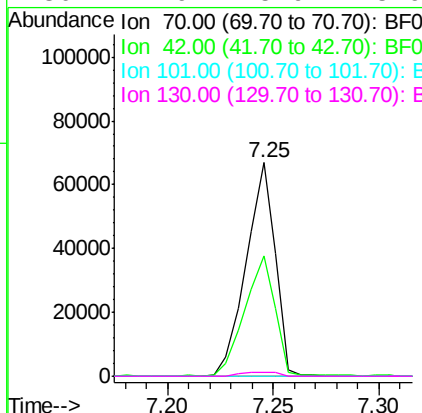
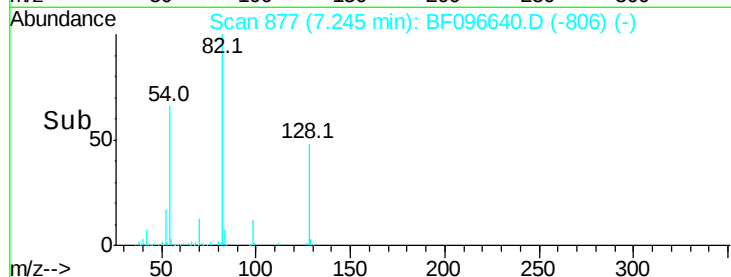
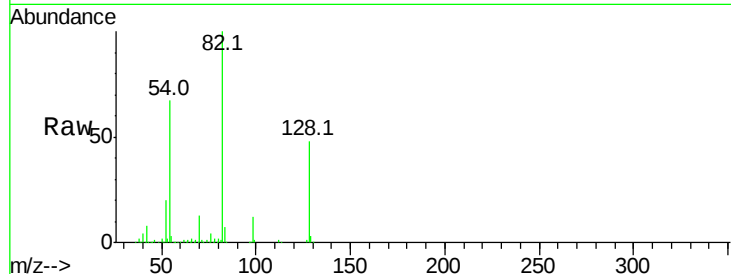




#19
n-Nitroso-di-n-propylamine
Concen: 12.510 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096640.D
Acq: 11 Jul 2017 13:16

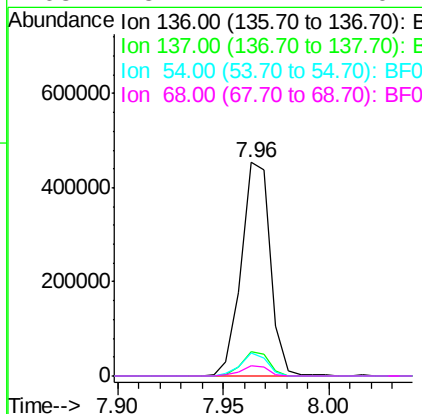
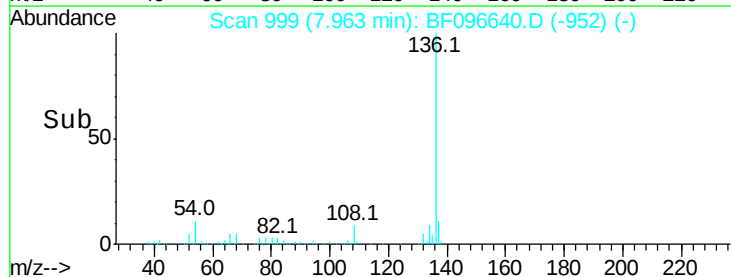
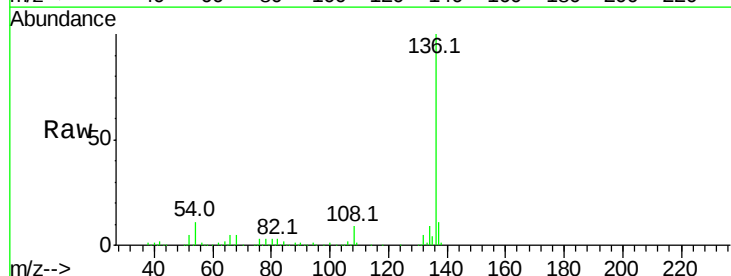
Instrument :
BNA_F
ClientSampleId :
SB-4

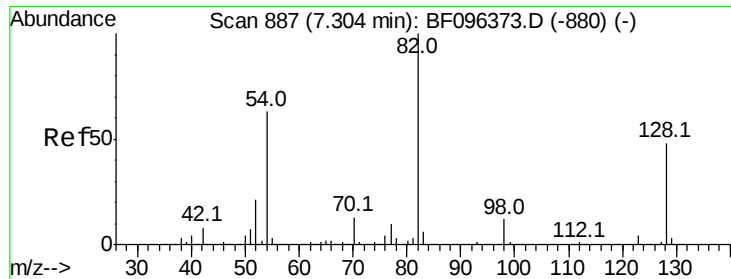
Tot Ion: 70 Resp: 64051
Ion Ratio Lower Upper
70 100
42 56.4 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096640.D
Acq: 11 Jul 2017 13:16

Tgt Ion:136 Resp: 431584
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.6 4.9 7.3#
68 5.1 4.1 6.1

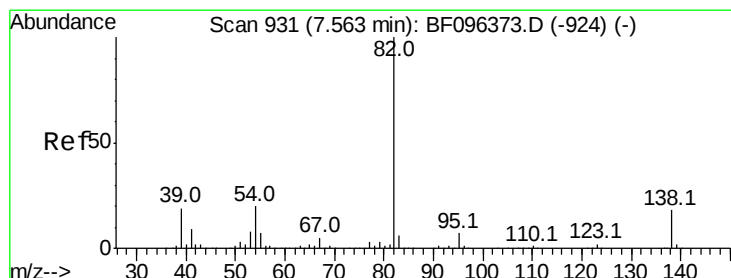
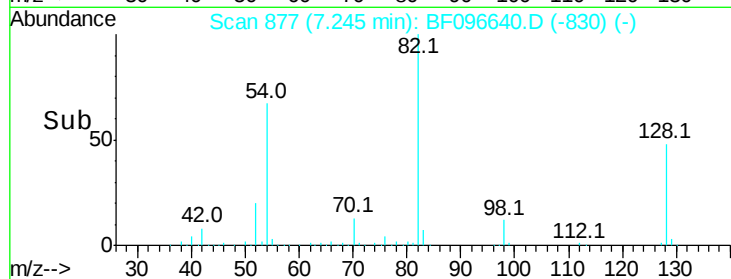
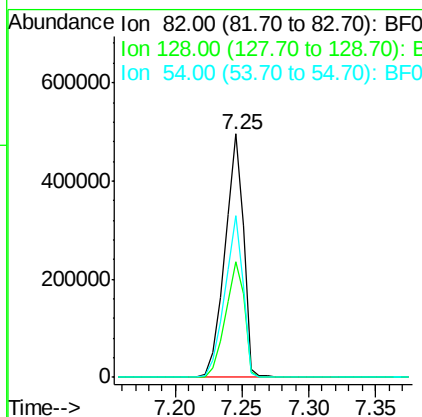
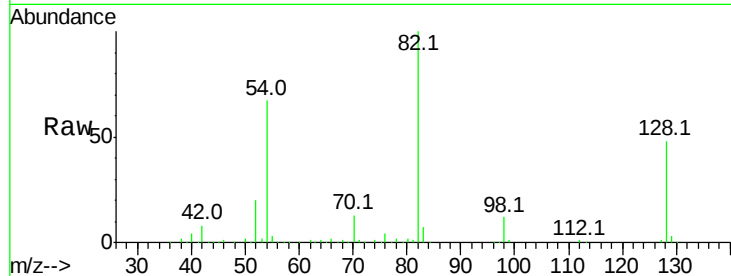




#23
 Nitrobenzene-d5
 Concen: 67.883 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

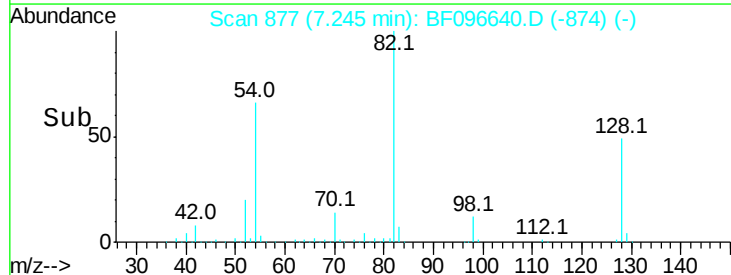
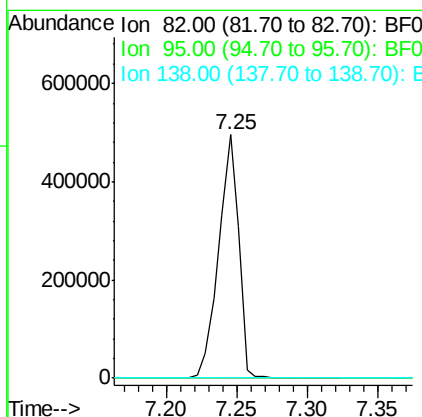
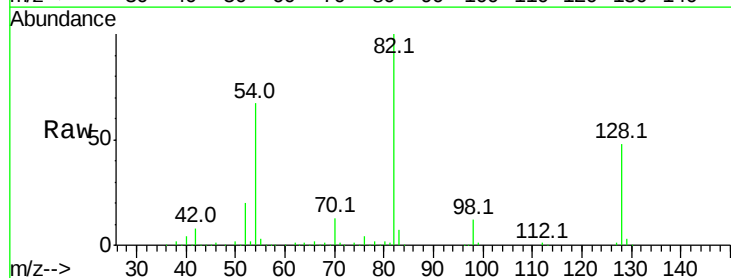
Instrument :
 BNA_F
 ClientSampleID :
 SB-4

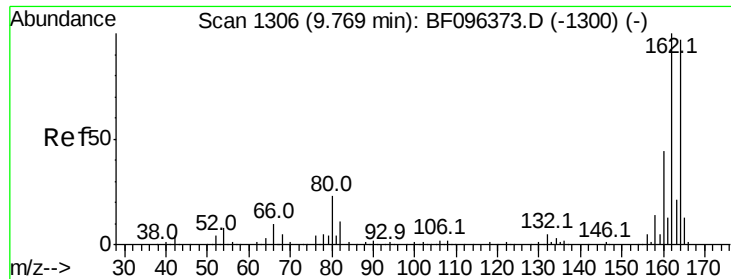
Tot Ion	82	Resp	487551
Ion Ratio	100	Lower	Upper
128	47.5	34.0	51.0
54	66.6	42.2	63.2#



#25
 Isophorone
 Concen: 35.011 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.28 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

Tgt Ion	82	Resp	487542
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

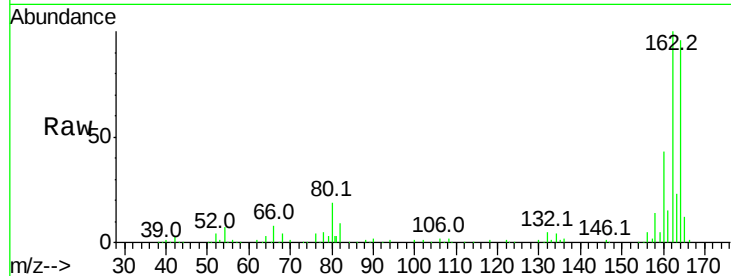




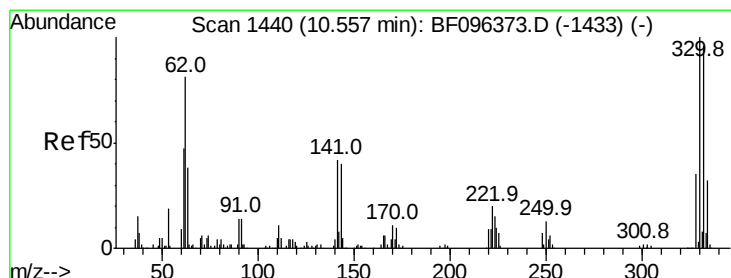
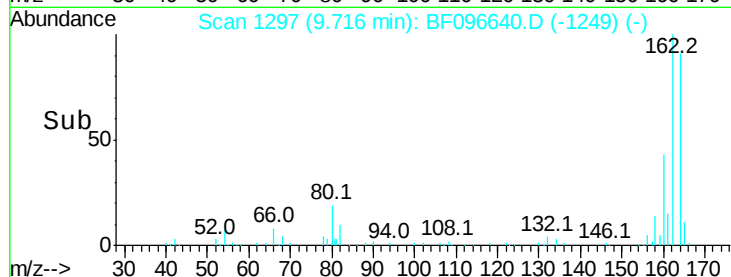
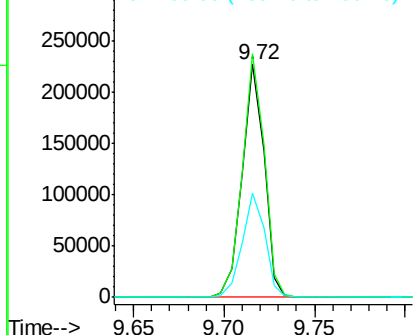
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096640.D
Acq: 11 Jul 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:164 Resp: 192575
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 44.6 36.2 54.2

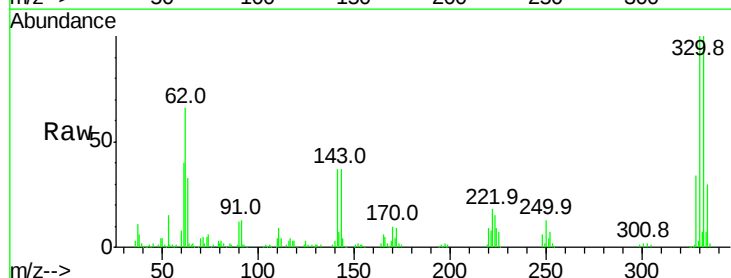


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

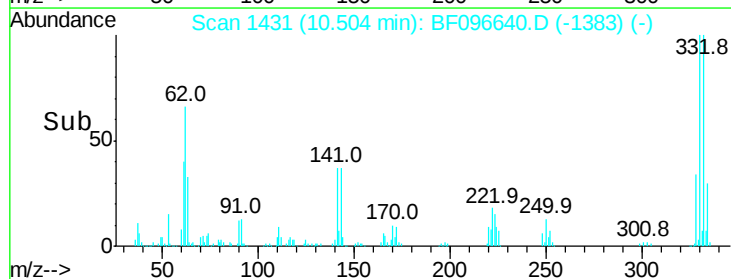
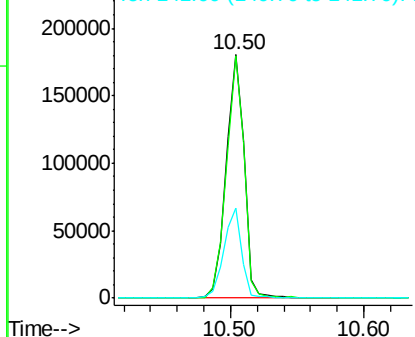


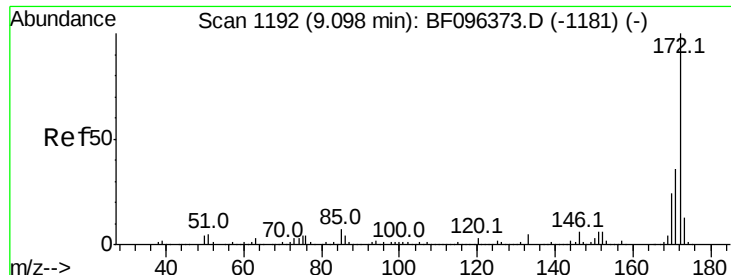
#41
2,4,6-Tribromophenol
Concen: 114.639 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096640.D
Acq: 11 Jul 2017 13:16

Tgt Ion:330 Resp: 172445
Ion Ratio Lower Upper
330 100
332 98.3 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

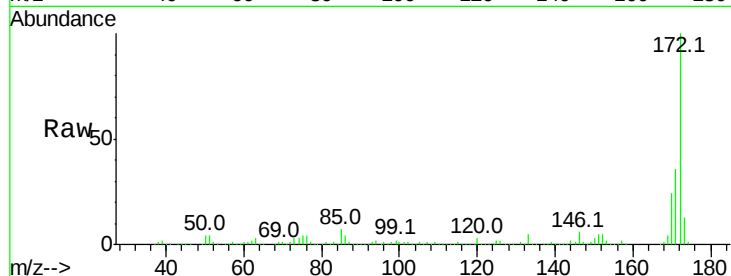




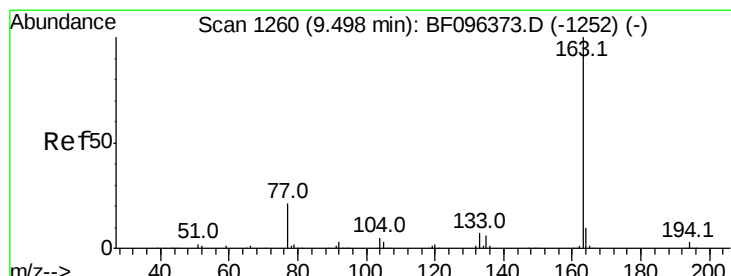
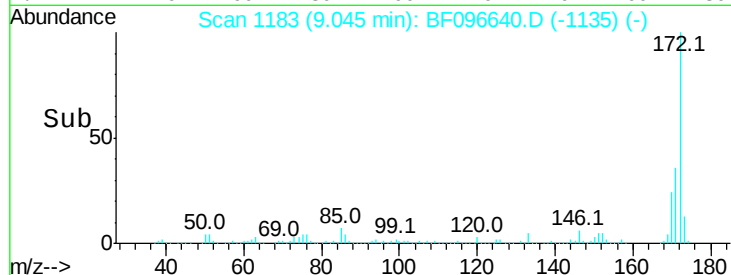
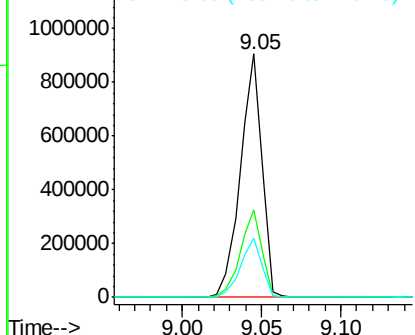
#44
 2-Fluorobiphenyl
 Concen: 75.257 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

Instrument :
 BNA_F
 ClientSampled :
 SB-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.4	19.8	29.8

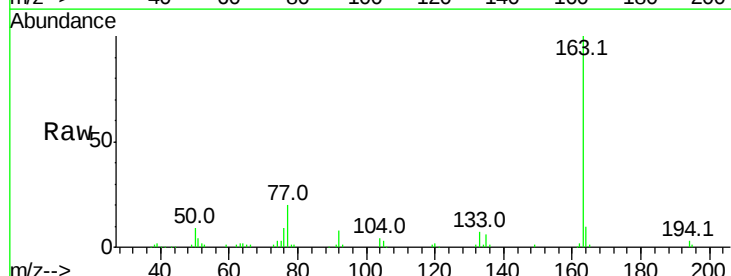


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

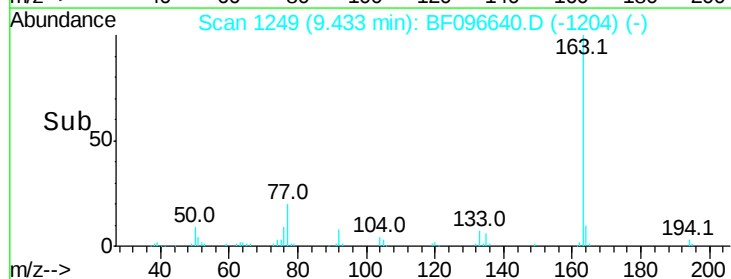
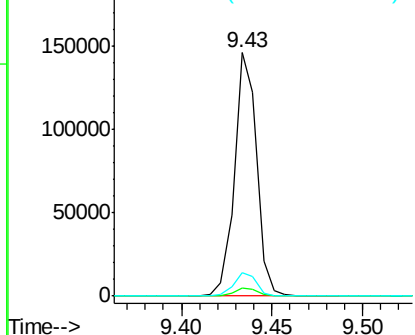


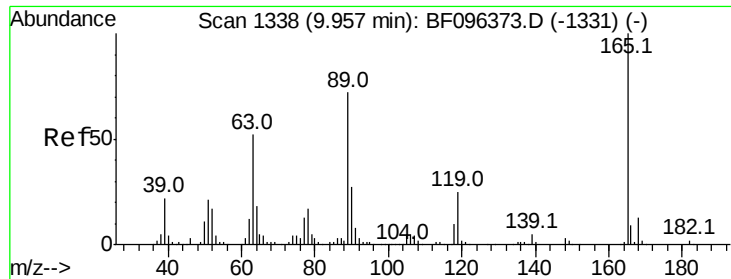
#49
 Dimethylphthalate
 Concen: 8.666 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.6	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

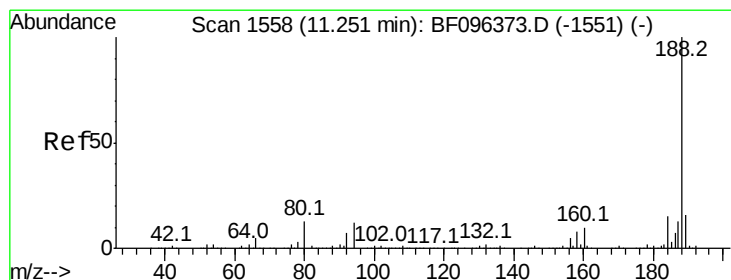
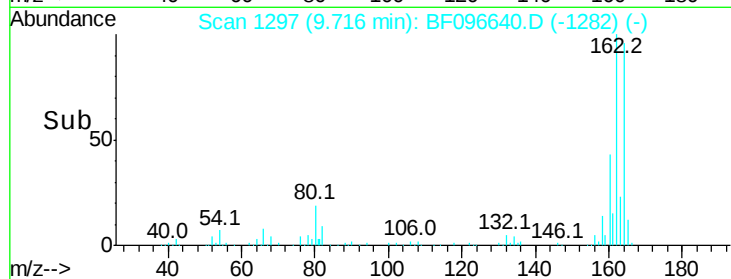
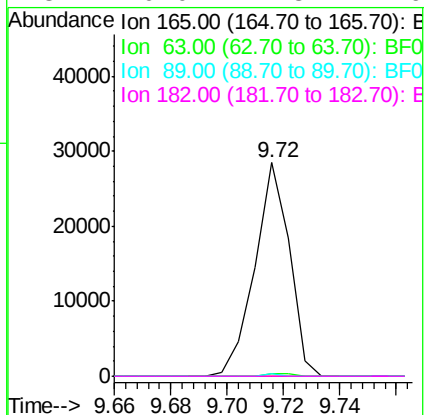
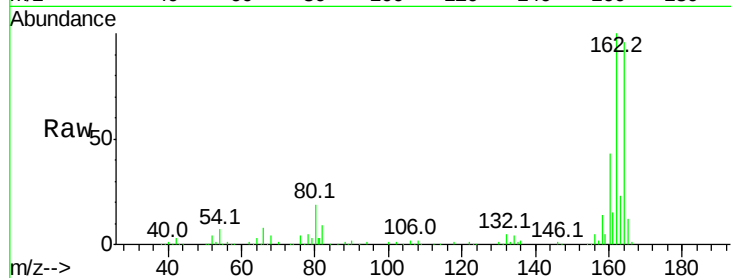




#56
 2,4-Dinitrotoluene
 Concen: 6.023 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

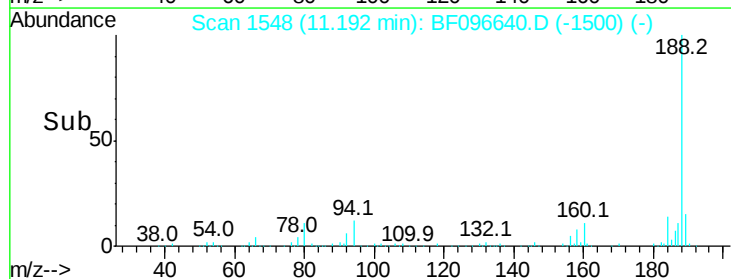
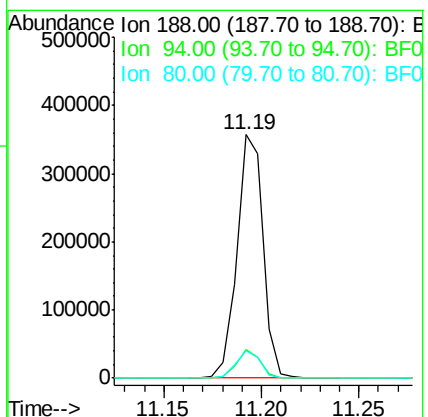
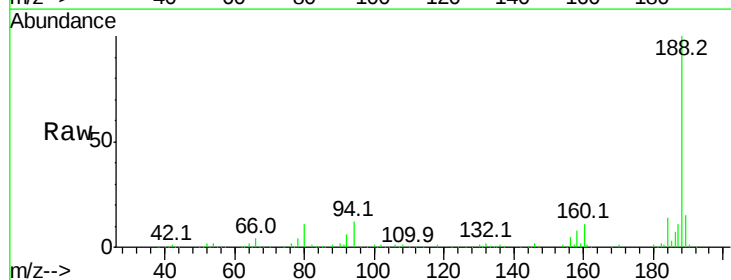
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

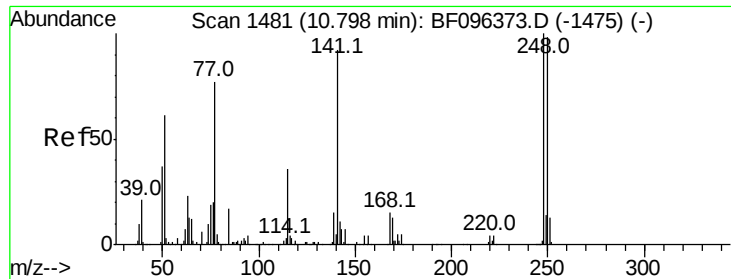
Tot Ion:165 Resp: 24249
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096640.D
 Acq: 11 Jul 2017 13:16

Tgt Ion:188 Resp: 329578
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 11.4 10.2 15.2

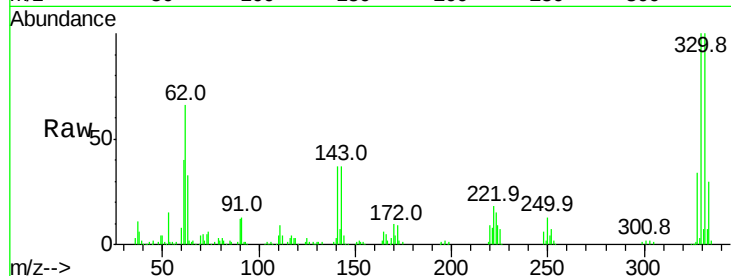




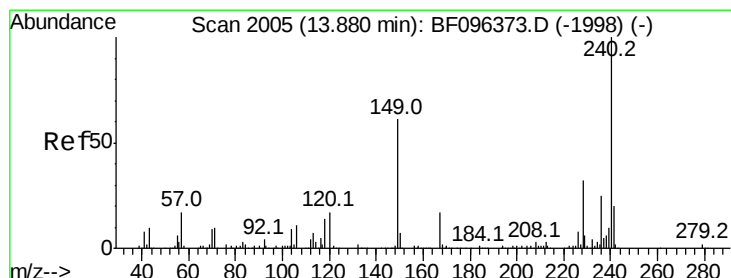
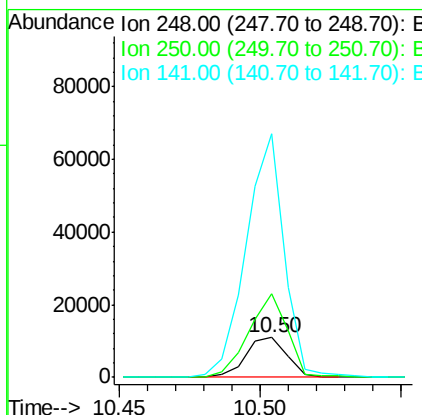
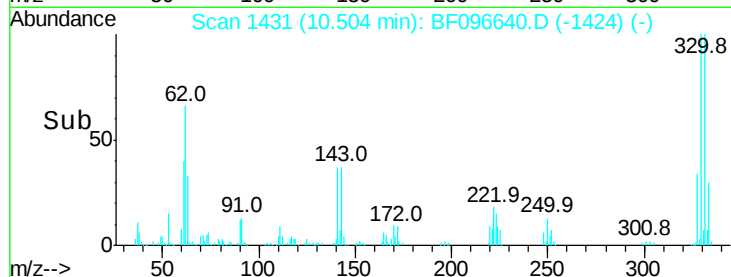
#66
4-Bromophenyl-phenylether
Concen: 3.448 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096640.D
Acq: 11 Jul 2017 13:16

Instrument :
BNA_F
ClientSampled :
SB-4

Tot Ion:248 Resp: 11061
Ion Ratio Lower Upper
248 100
250 210.4 76.8 115.2#
141 608.2 68.6 103.0#

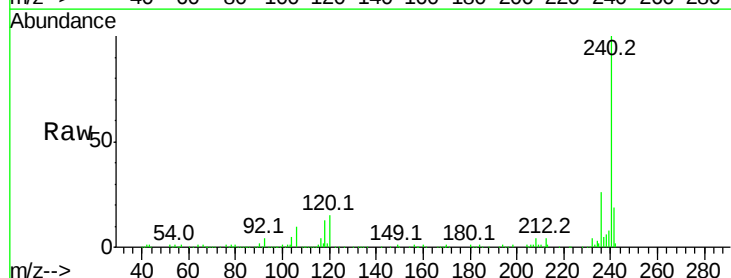


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

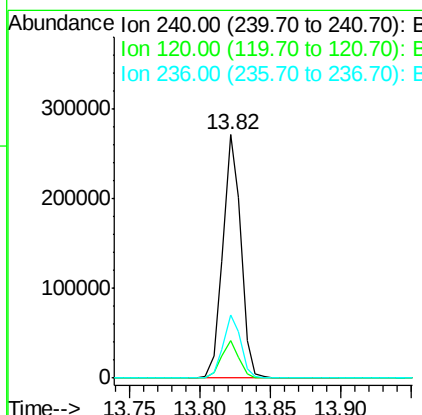
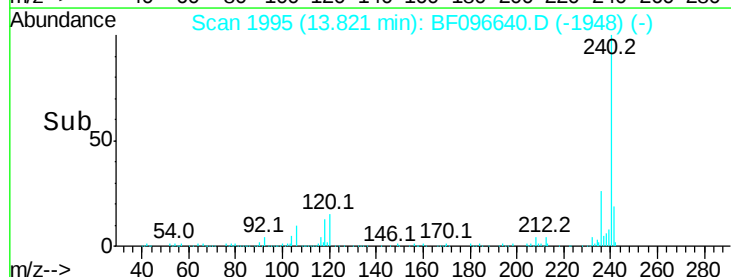


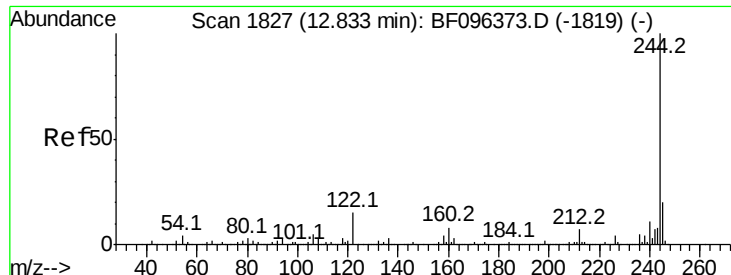
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096640.D
Acq: 11 Jul 2017 13:16

Tgt Ion:240 Resp: 240748
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.9 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: 60.513 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096640.D

Acq: 11 Jul 2017 13:16

Instrument :

BNA_F

ClientSampleId :

SB-4

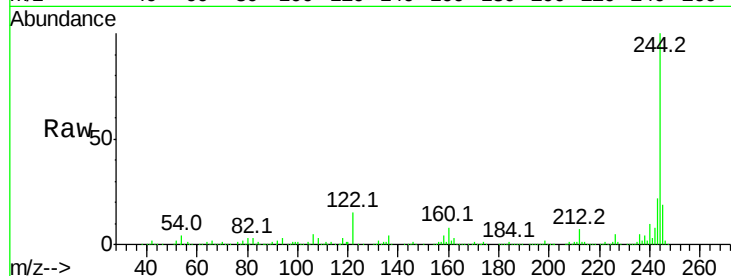
Tot Ion:244 Resp: 681773

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

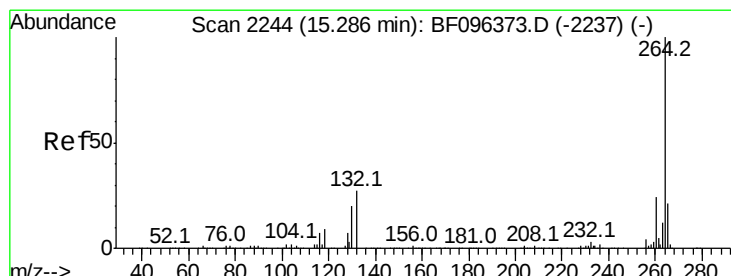
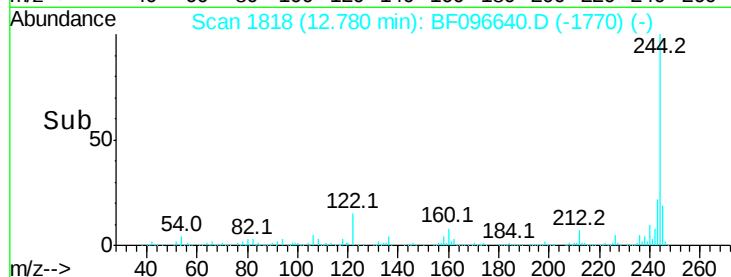
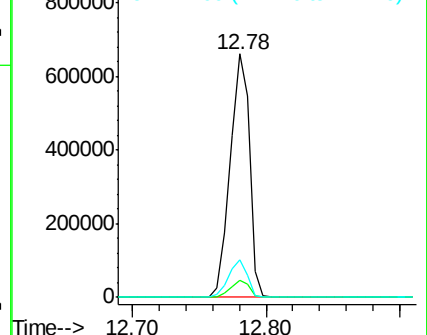
122 15.3 10.3 15.5



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: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF096640.D

Acq: 11 Jul 2017 13:16

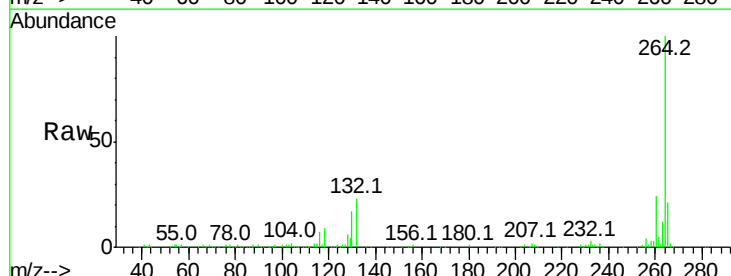
Tgt Ion:264 Resp: 180199

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.4 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

