

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096694.D
 Acq On : 12 Jul 2017 16:23
 Operator : SJ/JU
 Sample : I4126-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 17:15:21 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

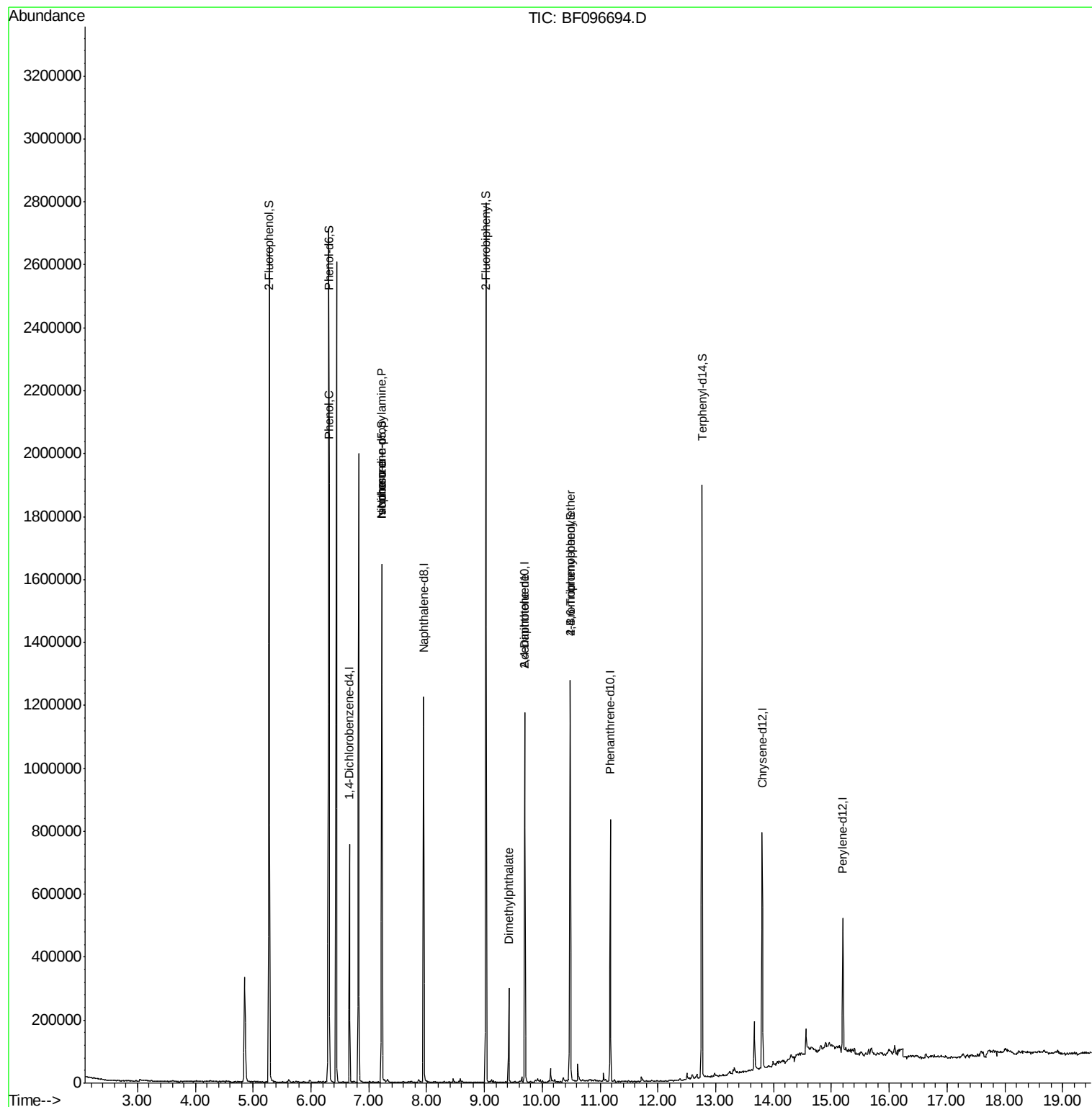
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117800	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	563522	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	222027	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	289295	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	238318	20.00	ng	-0.04
86) Perylene-d12	15.20	264	179262	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	773913	96.97	ng	-0.03
7) Phenol-d6	6.31	99	1023024	104.26	ng	-0.04
23) Nitrobenzene-d5	7.23	82	533422	56.88	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	143692	82.85	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	856374	65.95	ng	-0.04
78) Terphenyl-d14	12.76	244	560283	50.24	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	23177	2.073	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	69210	11.840	ng	# 86
25) Isophorone	7.23	82	515369	28.344	ng	# 67
49) Dimethylphthalate	9.42	163	124471	7.510	ng	98
56) 2,4-Dinitrotoluene	9.70	165	28363	6.111	ng	# 33
66) 4-Bromophenyl-phenylether	10.49	248	8778	3.117	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
Data File : BF096694.D
Acq On : 12 Jul 2017 16:23
Operator : SJ/JU
Sample : I4126-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 12 17:15:21 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



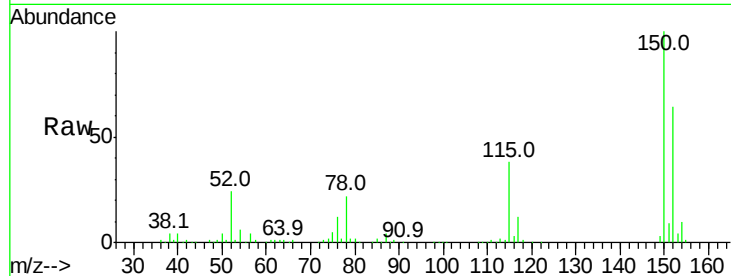


#1

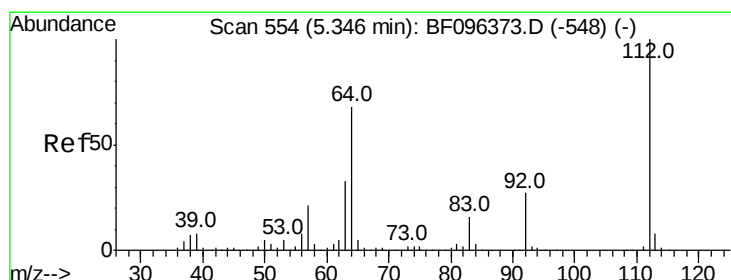
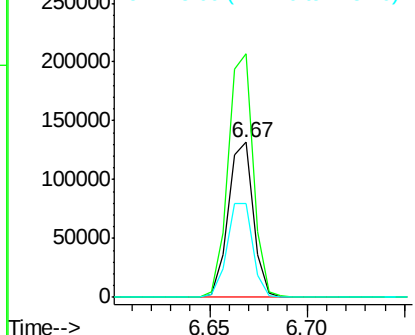
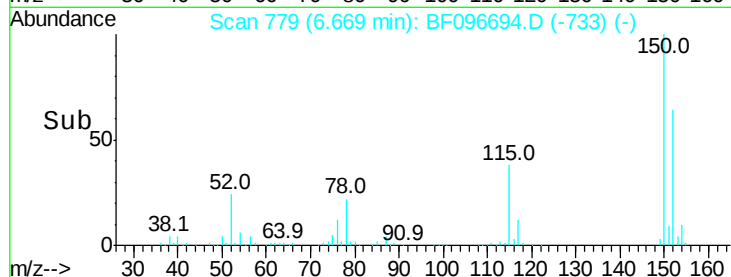
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 117800
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 60.3 52.2 78.2



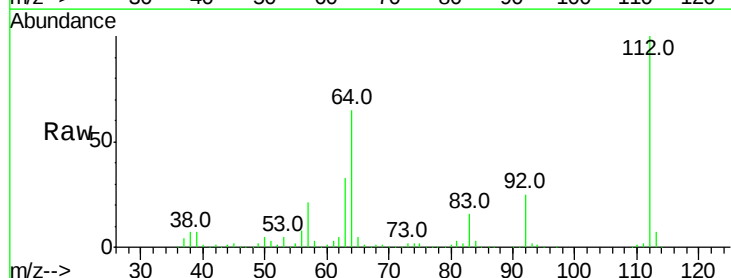
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



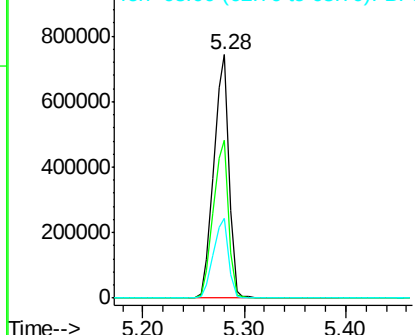
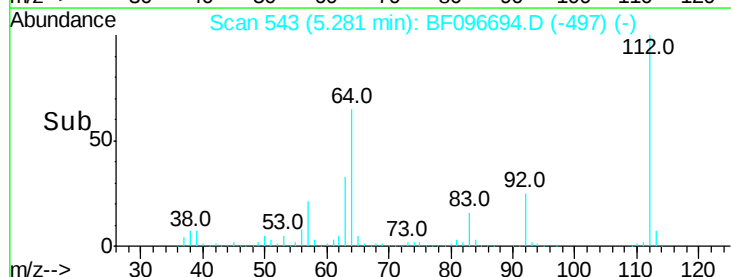
#5

2-Fluorophenol
 Concen: 96.967 ng
 RT: 5.28 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Tgt Ion:112 Resp: 773913
 Ion Ratio Lower Upper
 112 100
 64 65.0 46.0 69.0
 63 32.8 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: 104.264 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

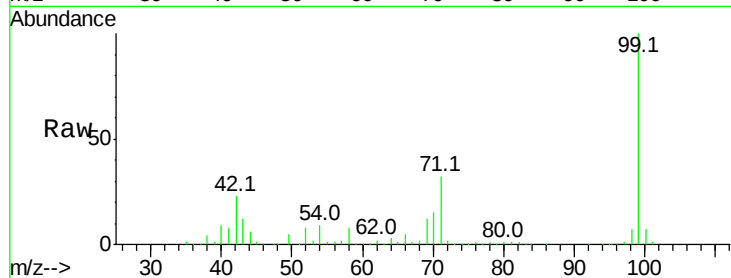
Instrument :

BNA_F

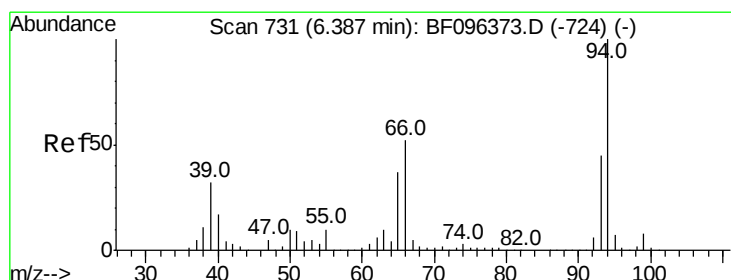
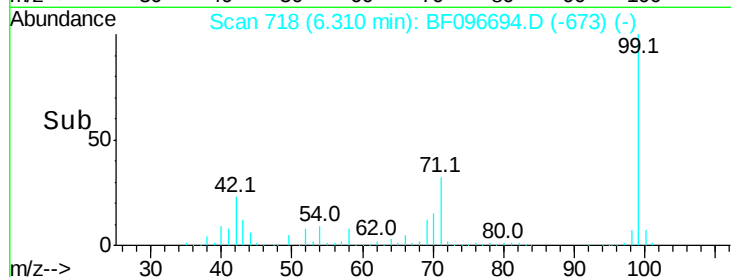
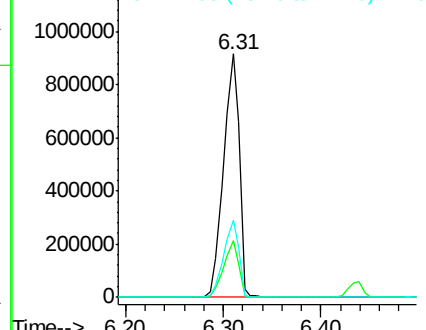
ClientSampled :

Tot Ion: 99 Resp: 1023024

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	31.7	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: 2.073 ng

RT: 6.32 min Scan# 720

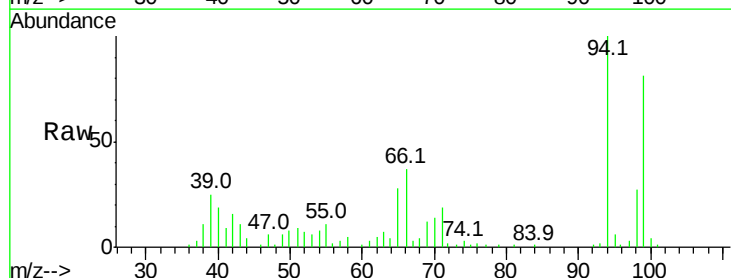
Delta R.T. -0.04 min

Lab File: BF096694.D

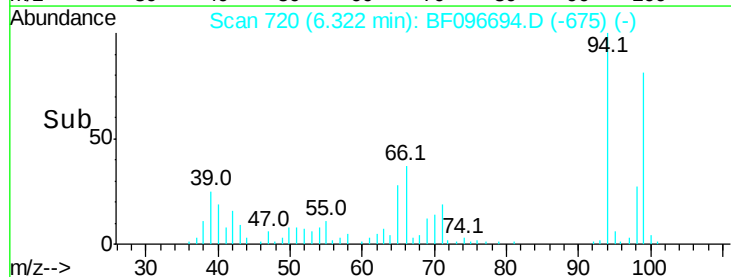
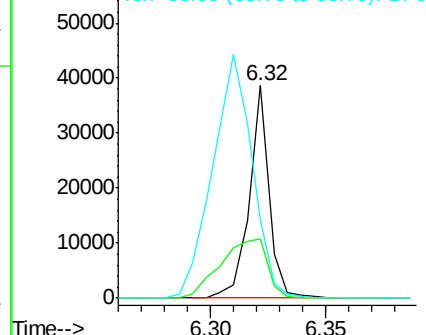
Acq: 12 Jul 2017 16:23

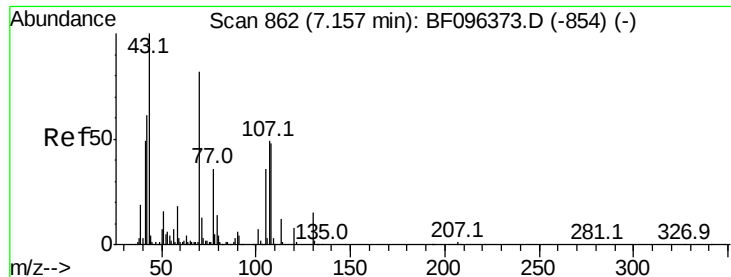
Tgt Ion: 94 Resp: 23177

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	37.0	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

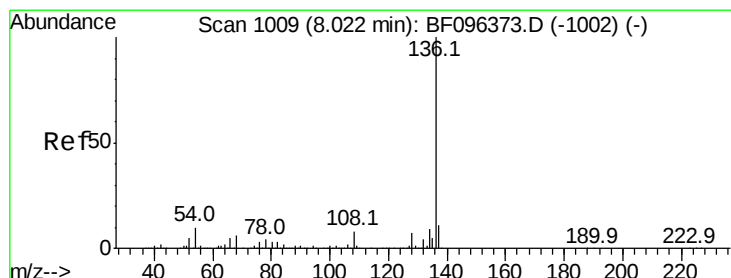
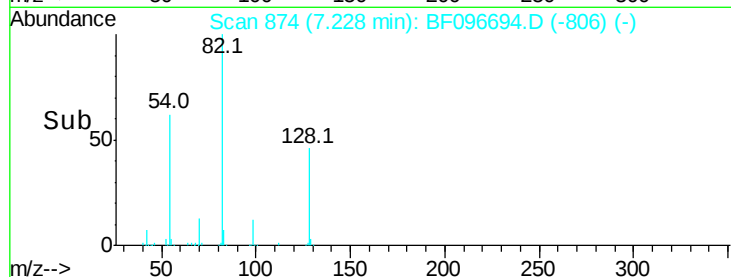
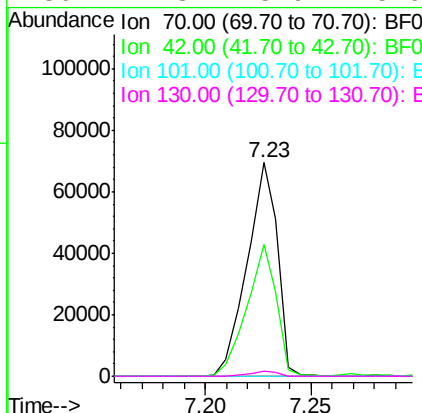
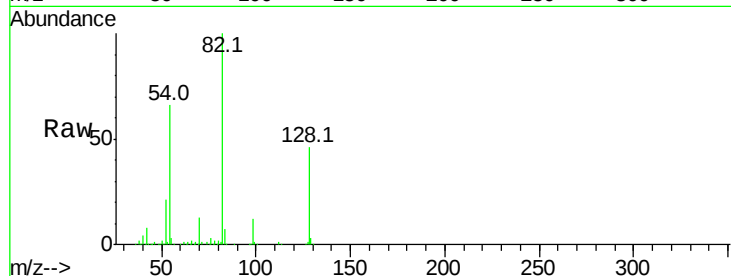




#19
n-Nitroso-di-n-propylamine
Concen: 11.840 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.10 min
Lab File: BF096694.D
Acq: 12 Jul 2017 16:23

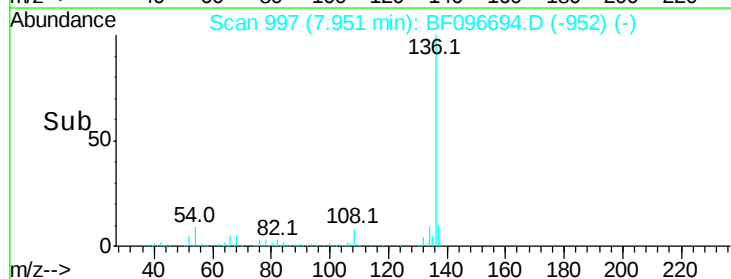
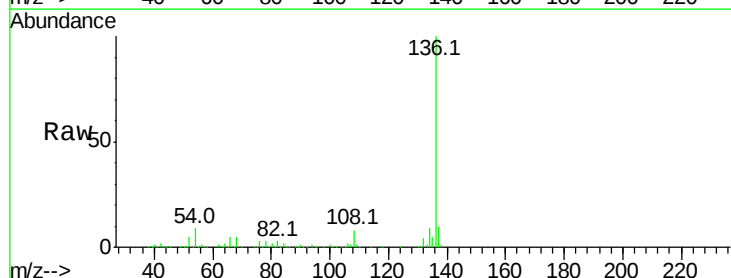
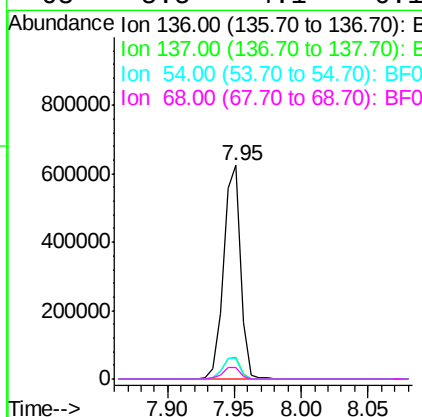
Instrument :
BNA_F
ClientSampleId :

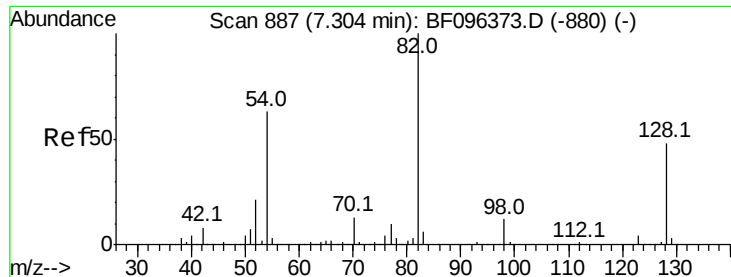
Tot Ion: 70 Resp: 69210
Ion Ratio Lower Upper
70 100
42 62.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096694.D
Acq: 12 Jul 2017 16:23

Tgt Ion:136 Resp: 563522
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.4 4.9 7.3#
68 5.5 4.1 6.1

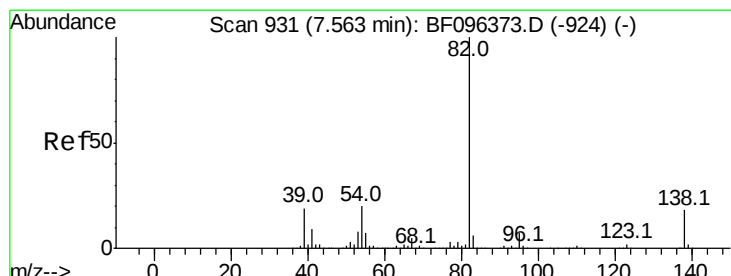
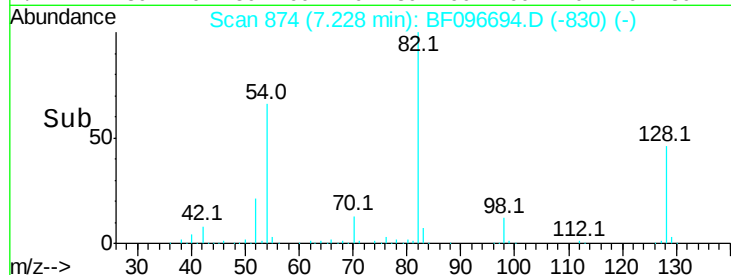
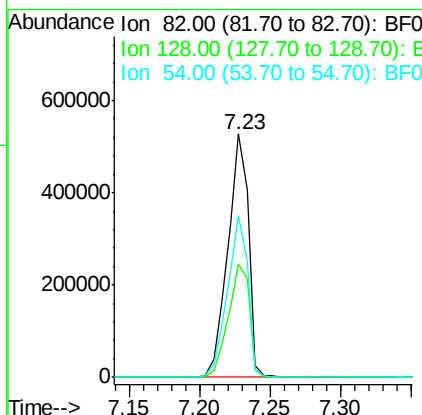
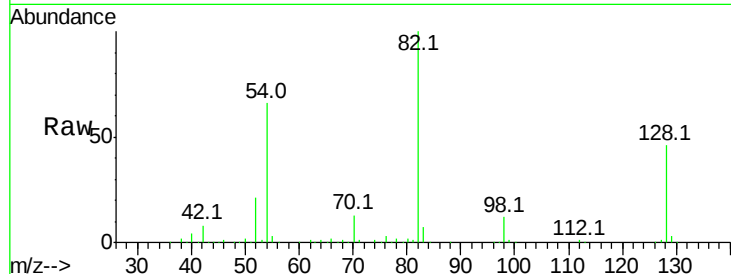




#23
 Nitrobenzene-d5
 Concen: 56.881 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

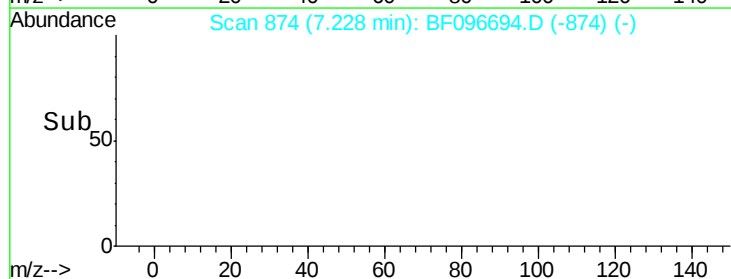
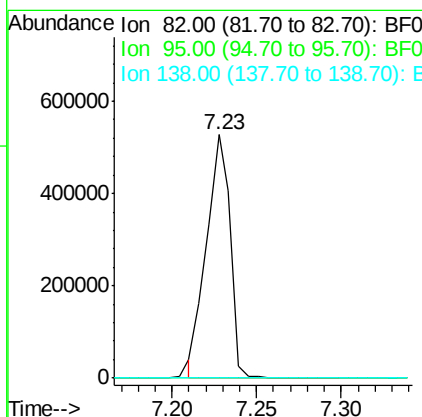
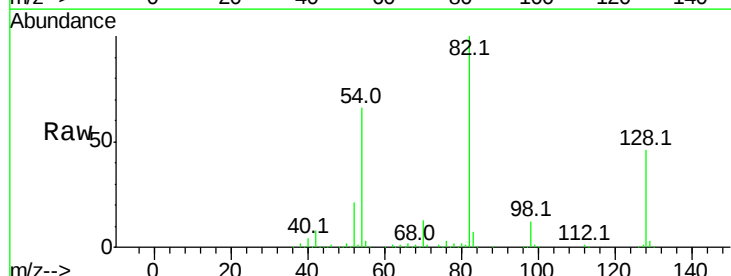
Instrument :
 BNA_F
 ClientSampleId :

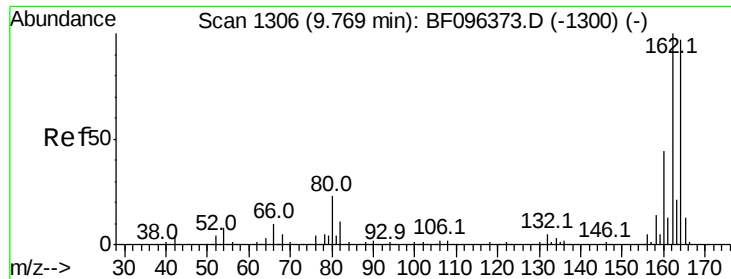
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	66.2	42.2	63.2#



#25
 Isophorone
 Concen: 28.344 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.30 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

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

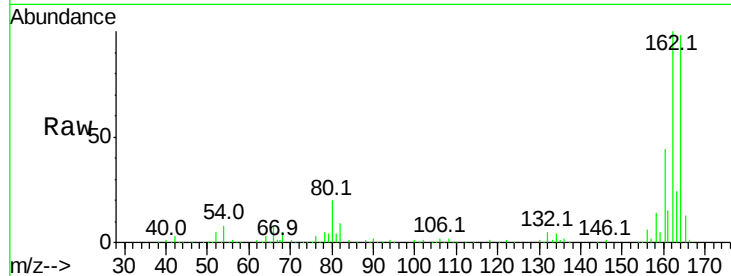




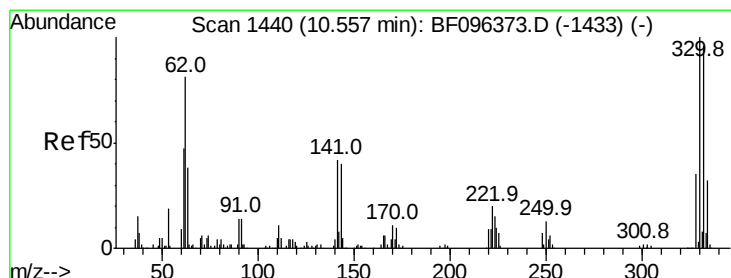
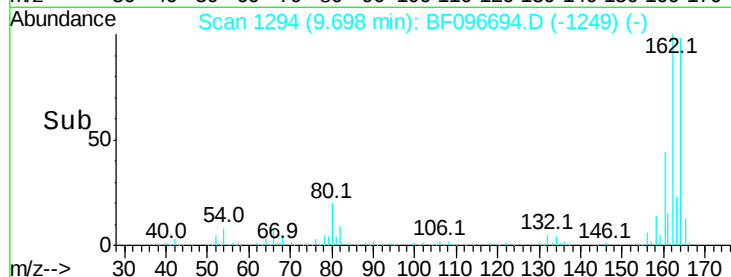
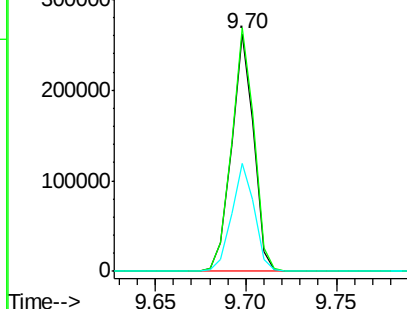
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 222027
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 45.3 36.2 54.2

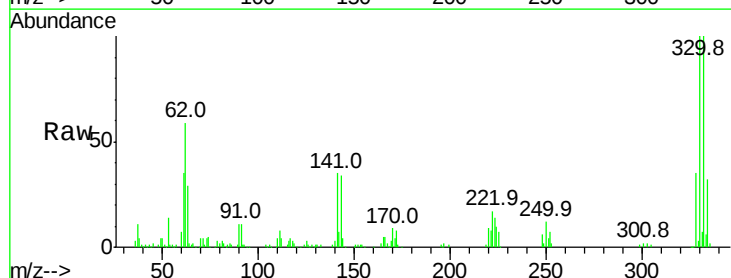


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

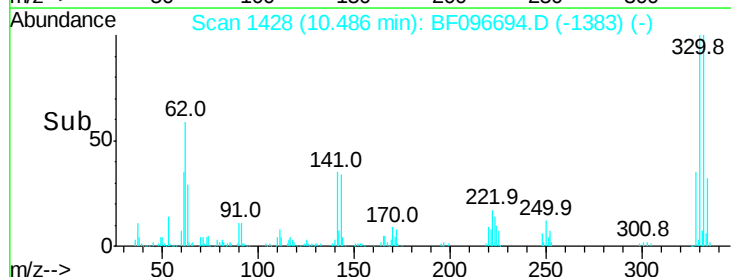
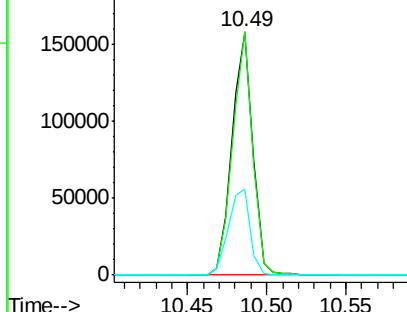


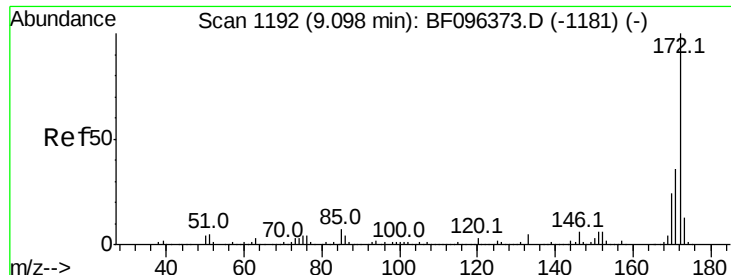
#41
 2,4,6-Tribromophenol
 Concen: 82.853 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Tgt Ion:330 Resp: 143692
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 37.4 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

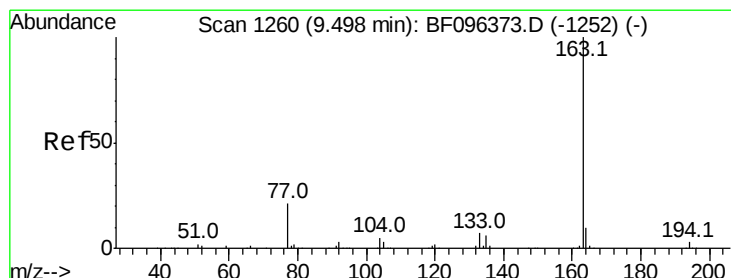
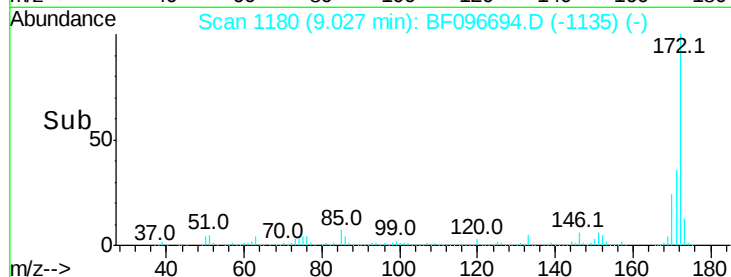
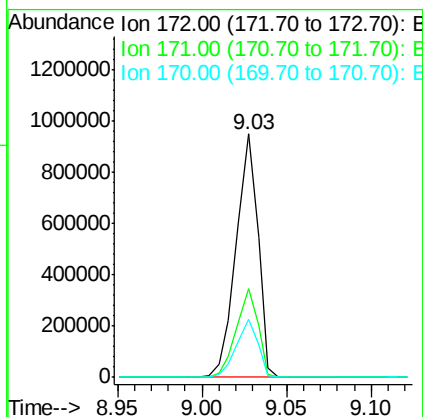
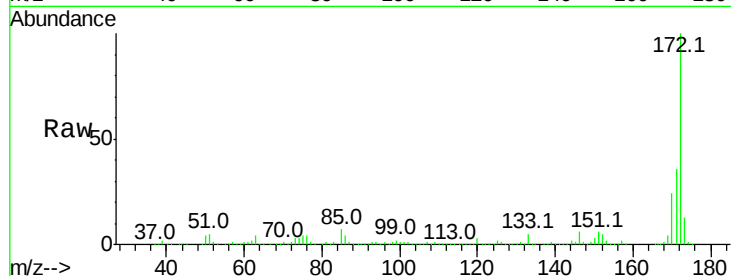




#44
2-Fluorobiphenyl
Concen: 65.947 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096694.D
Acq: 12 Jul 2017 16:23

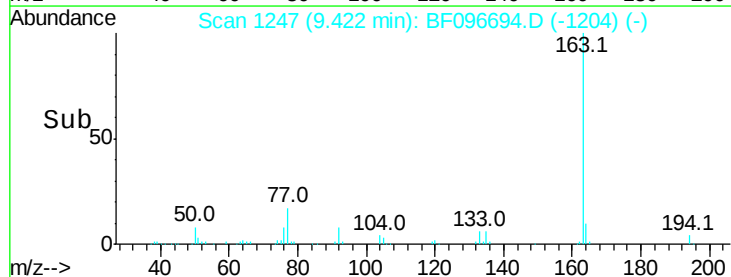
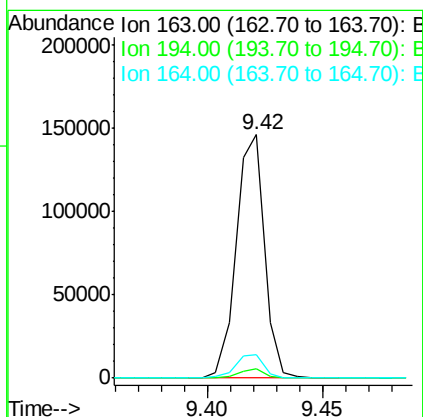
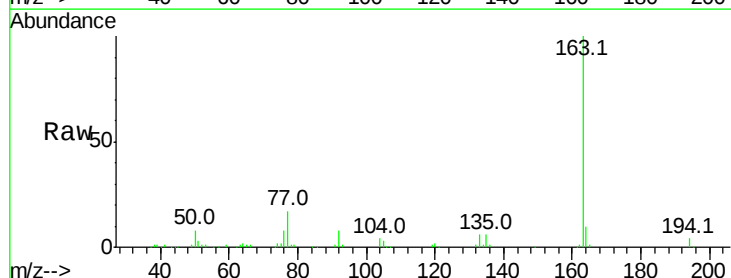
Instrument :
BNA_F
ClientSampleId :

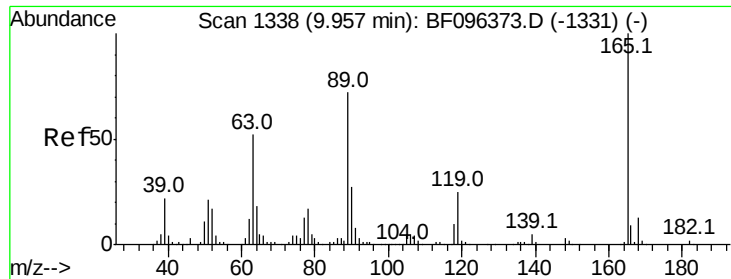
Tot Ion:172 Resp: 856374
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 7.510 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096694.D
Acq: 12 Jul 2017 16:23

Tgt Ion:163 Resp: 124471
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.4 12.6

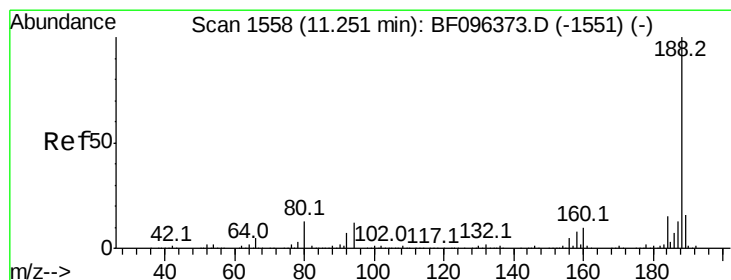
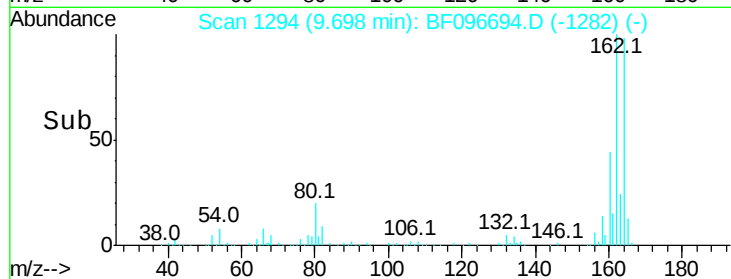
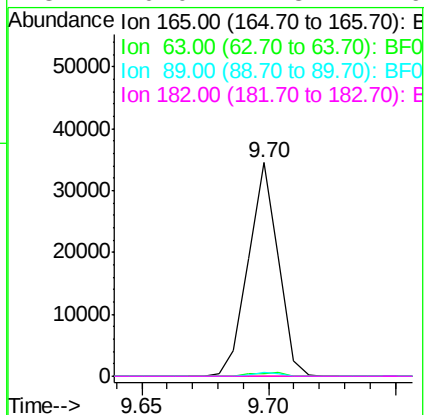
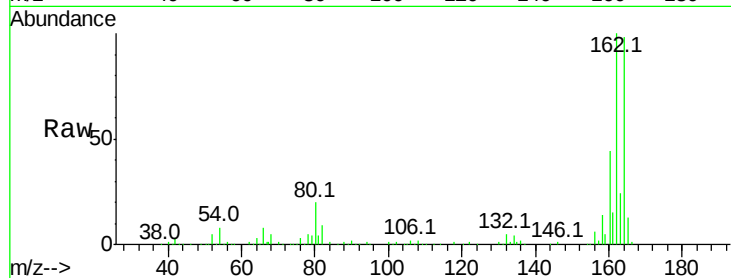




#56
 2,4-Dinitrotoluene
 Concen: 6.111 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

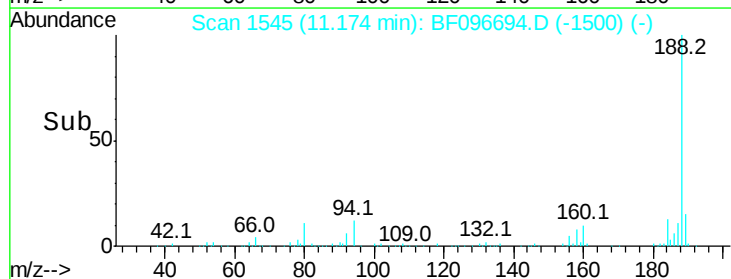
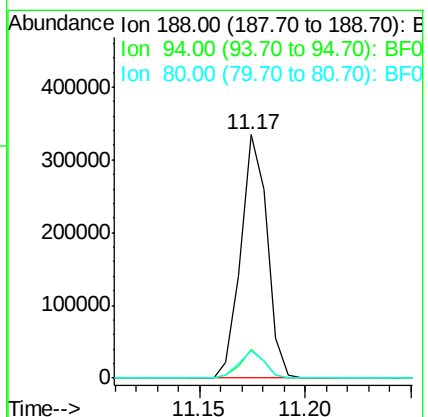
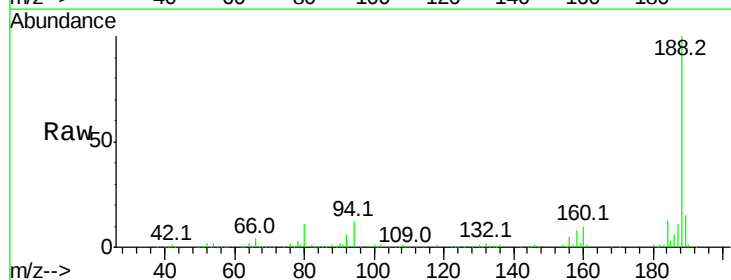
Instrument :
 BNA_F
 ClientSampleId :

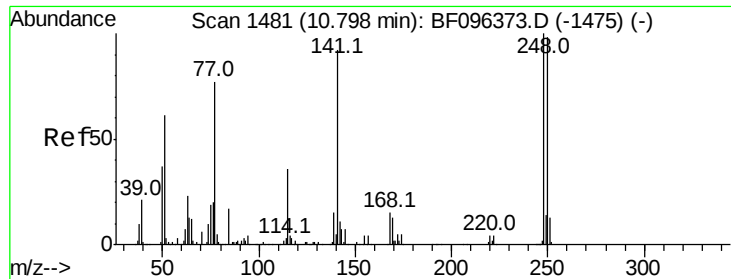
Tot Ion:165 Resp: 28363
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.04 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Tgt Ion:188 Resp: 289295
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 11.2 10.2 15.2

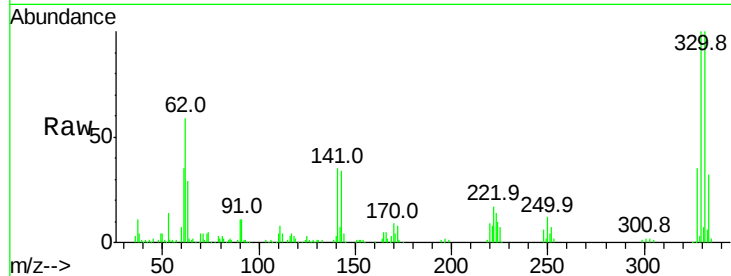




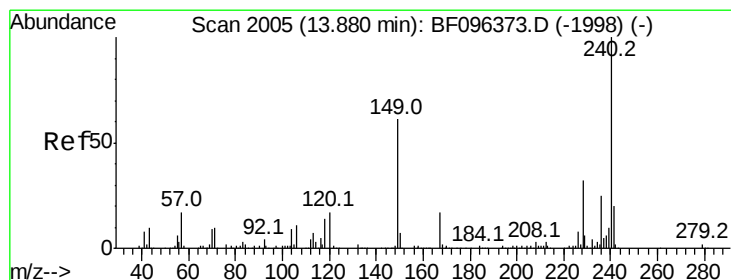
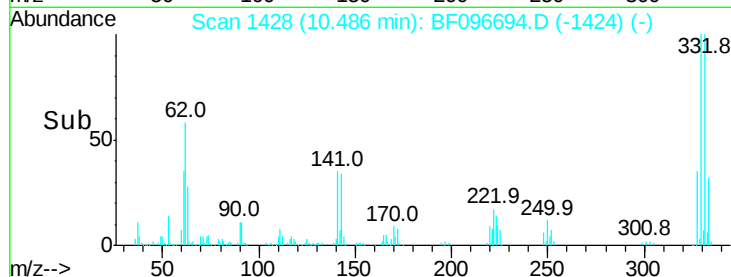
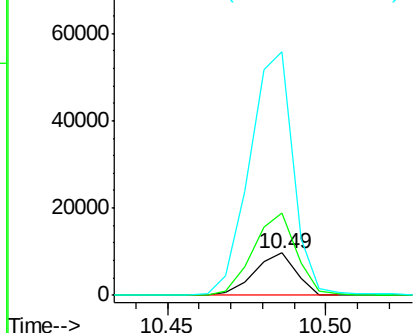
#66
4-Bromophenyl-phenylether
Concen: 3.117 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.28 min
Lab File: BF096694.D
Acq: 12 Jul 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8778
Ion Ratio Lower Upper
248 100
250 195.1 76.8 115.2#
141 575.9 68.6 103.0#

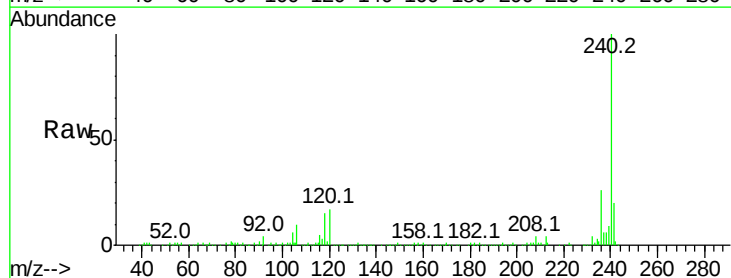


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

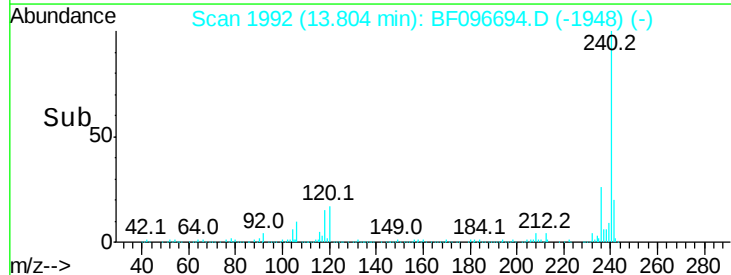
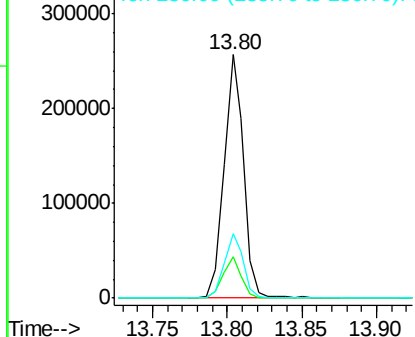


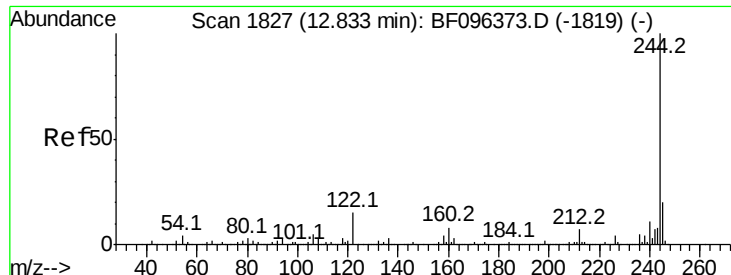
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096694.D
Acq: 12 Jul 2017 16:23

Tgt Ion:240 Resp: 238318
Ion Ratio Lower Upper
240 100
120 17.1 5.8 8.8#
236 26.3 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: 50.237 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

Instrument :

BNA_F

ClientSampleId :

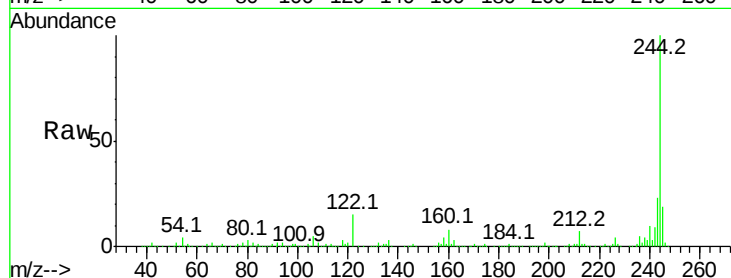
Tot Ion:244 Resp: 560283

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

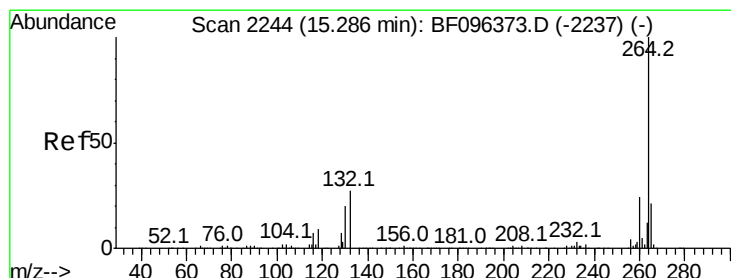
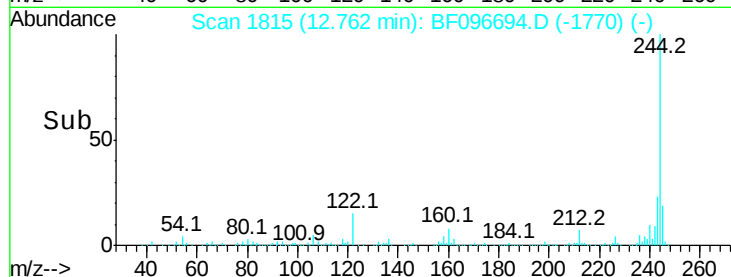
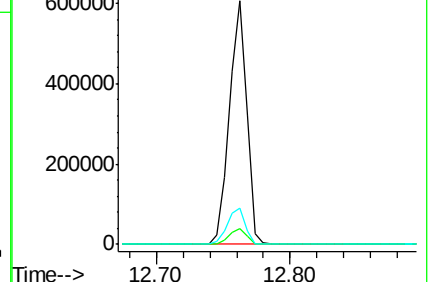
122 14.8 10.3 15.5



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: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

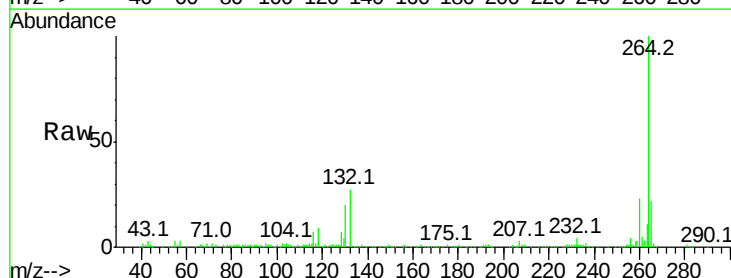
Tgt Ion:264 Resp: 179262

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.0 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

