

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096613.D
 Acq On : 10 Jul 2017 20:53
 Operator : SJ/JU
 Sample : I4084-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:12:32 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

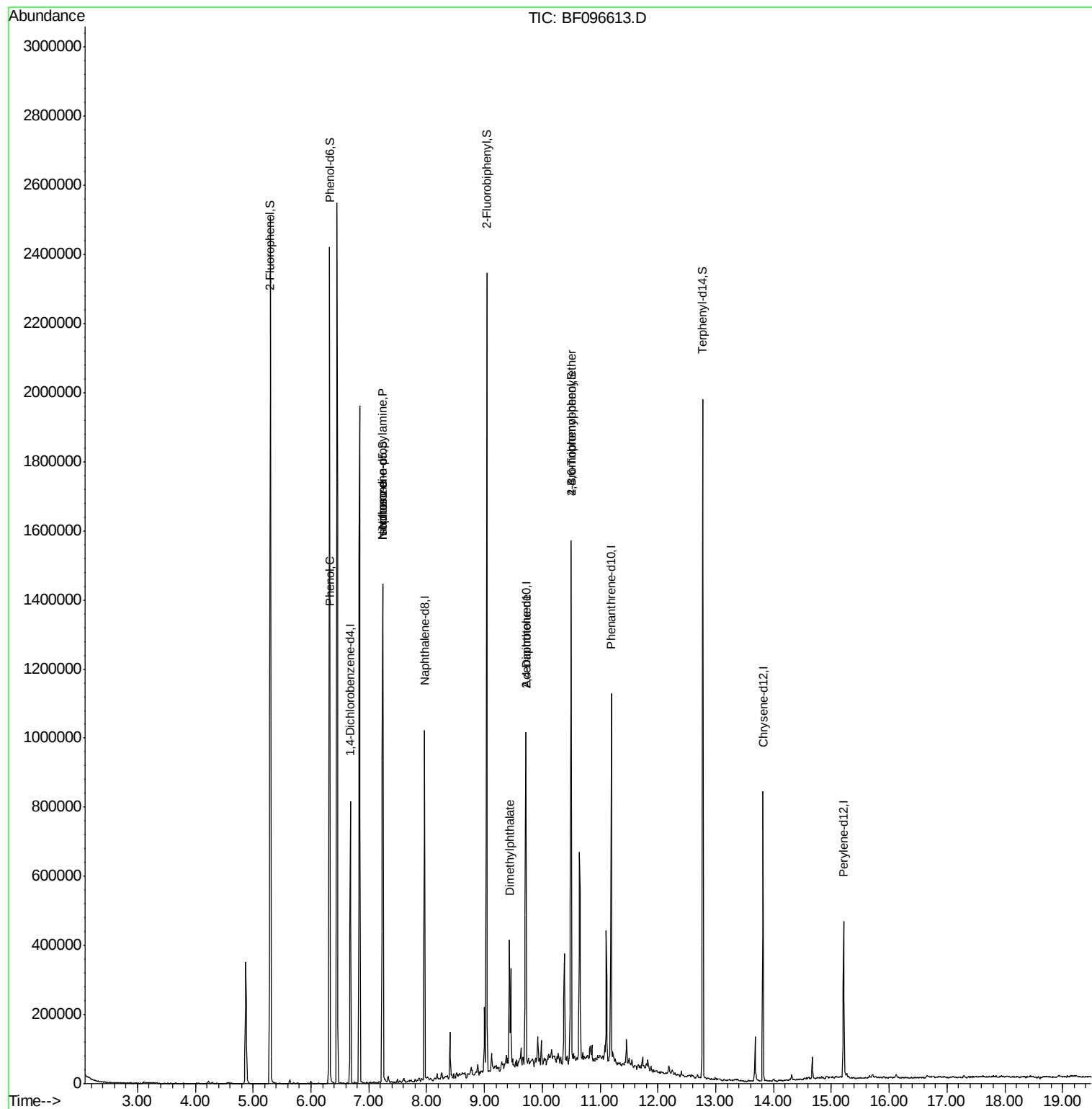
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111181	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	462180	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	210369	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	377311	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	276896	20.00	ng	-0.03
86) Perylene-d12	15.22	264	194163	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	698773	92.76	ng	-0.01
7) Phenol-d6	6.32	99	840503	90.76	ng	-0.02
23) Nitrobenzene-d5	7.24	82	503315	65.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	174500	106.19	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	775386	63.02	ng	-0.02
78) Terphenyl-d14	12.77	244	624609	48.20	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	23658	2.24	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.24	70	66288	12.02	ng	# 87
25) Isophorone	7.24	82	500299	33.55	ng	# 67
49) Dimethylphthalate	9.43	163	127617	8.13	ng	99
56) 2,4-Dinitrotoluene	9.71	165	28454	6.47	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	11607	3.16	ng	# 1

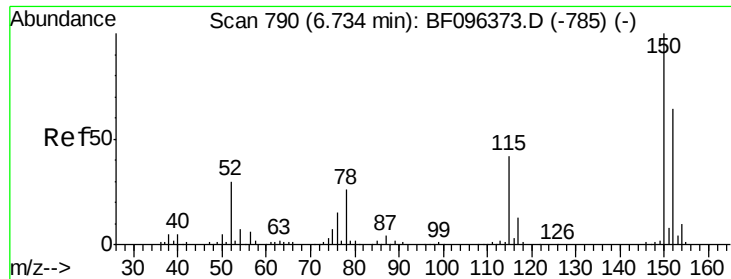
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096613.D
Acq On : 10 Jul 2017 20:53
Operator : SJ/JU
Sample : I4084-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 01:12:32 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



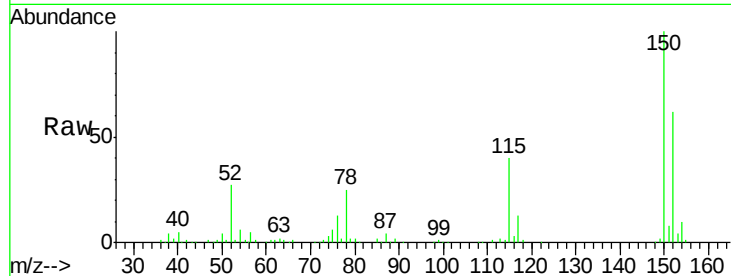


#1

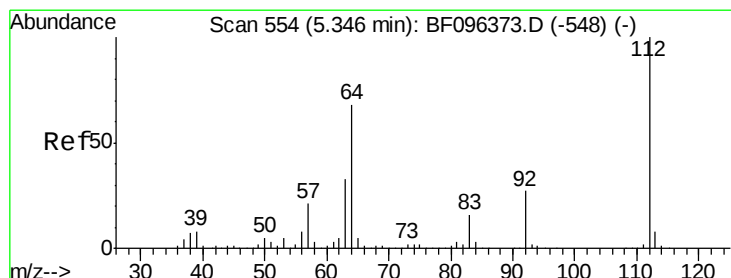
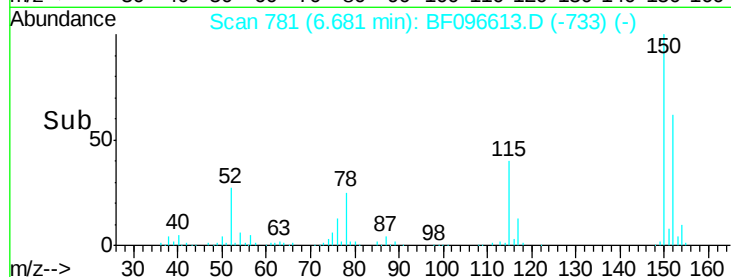
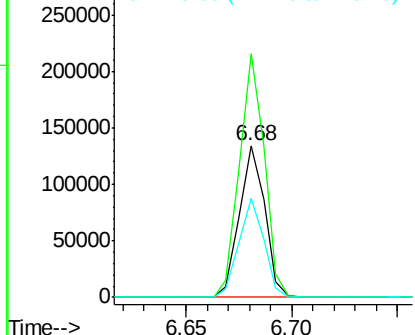
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111181
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 64.8 52.2 78.2



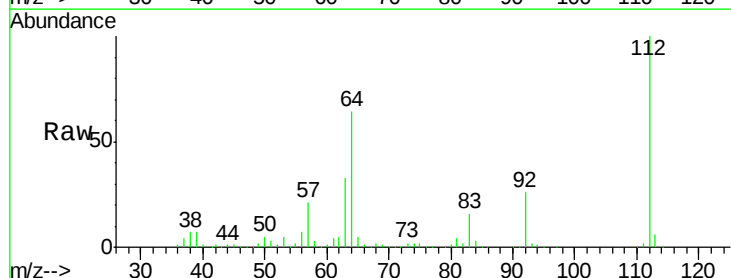
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



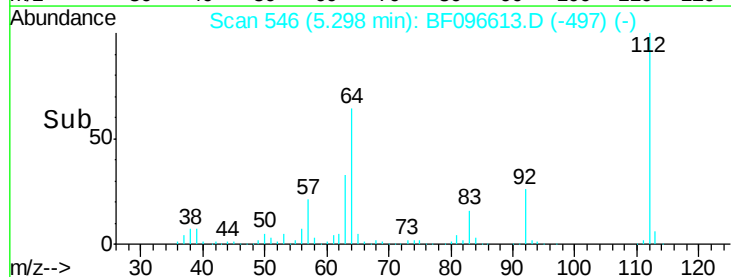
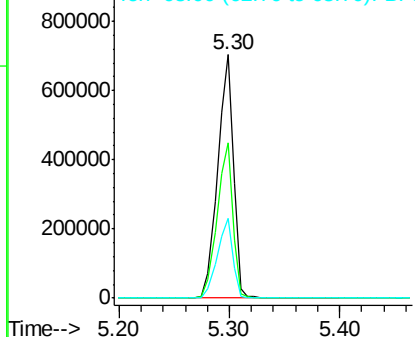
#5

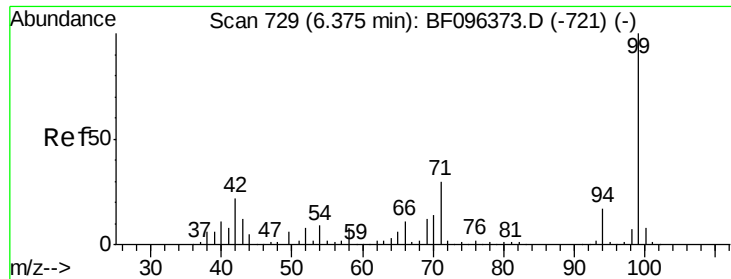
2-Fluorophenol
Concen: 92.76 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:112 Resp: 698773
Ion Ratio Lower Upper
112 100
64 63.6 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: 90.76 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

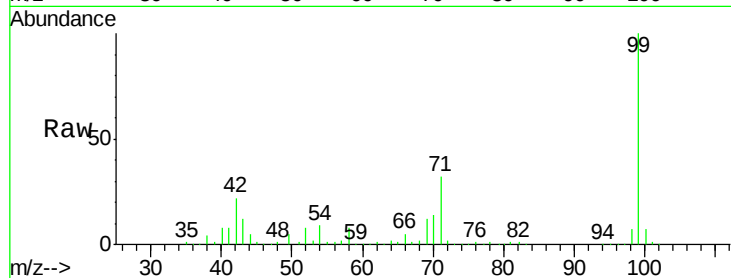
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 840503

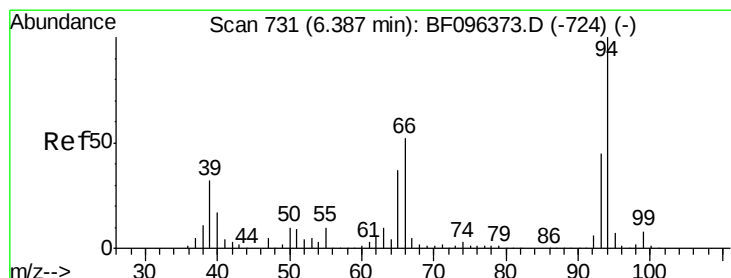
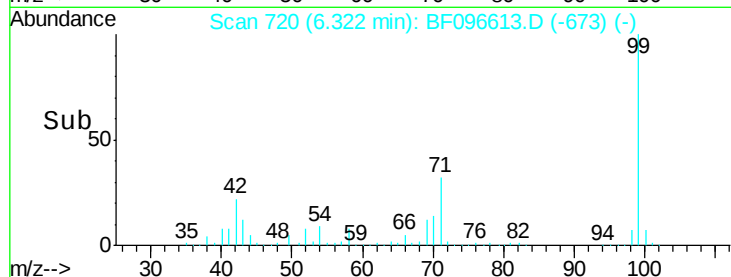
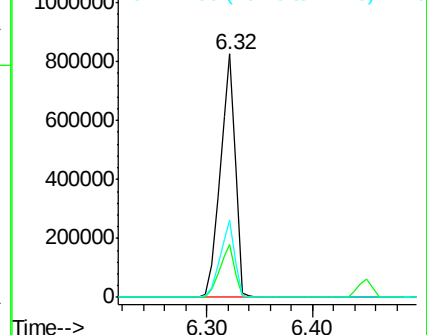
Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	31.8	24.5	36.7



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



#10

Phenol

Concen: 2.24 ng

RT: 6.33 min Scan# 722

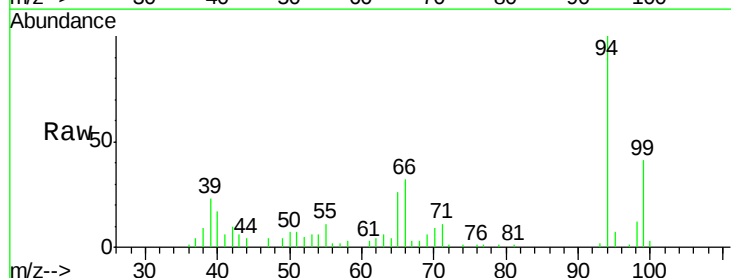
Delta R.T. -0.02 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

Tgt Ion: 94 Resp: 23658

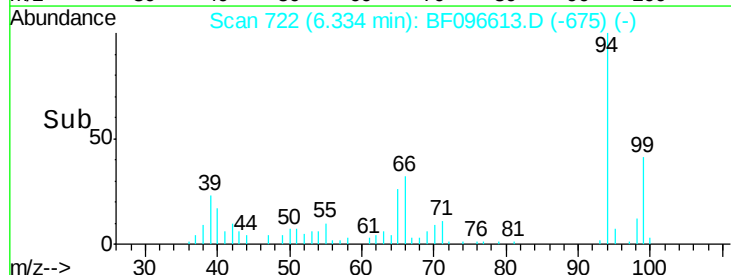
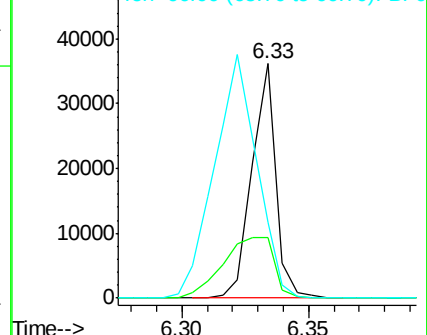
Ion	Ratio	Lower	Upper
94	100		
65	26.0	9.9	49.9
66	32.3	23.1	63.1

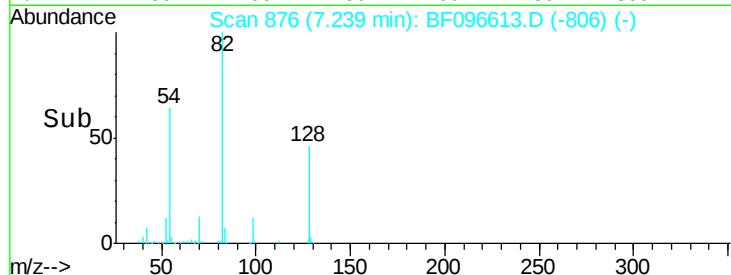
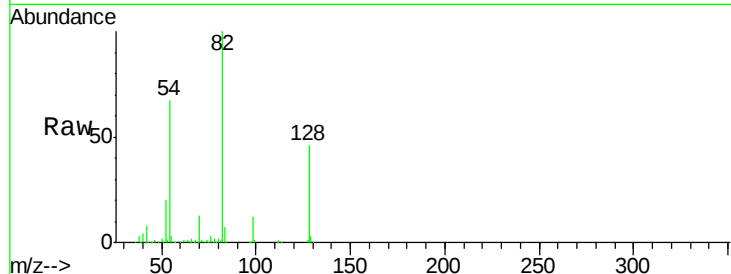
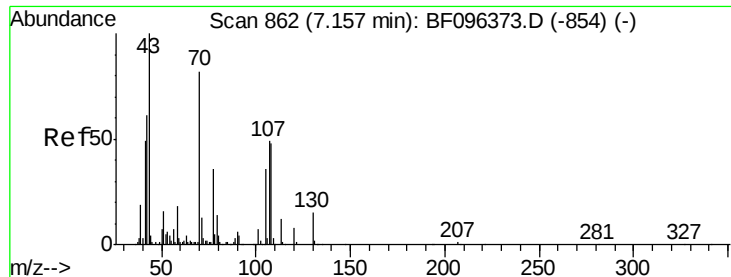


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

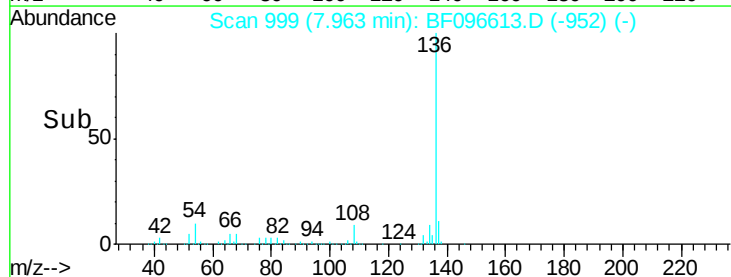
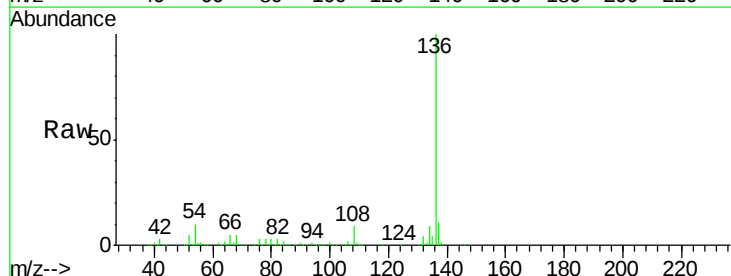
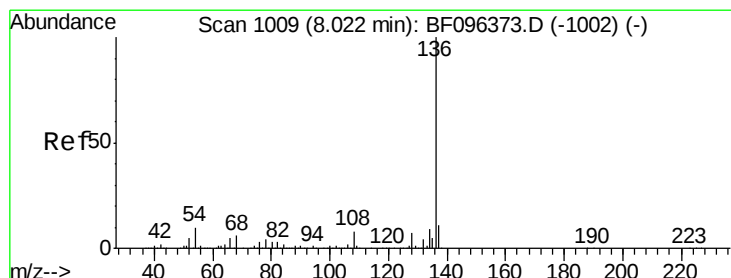
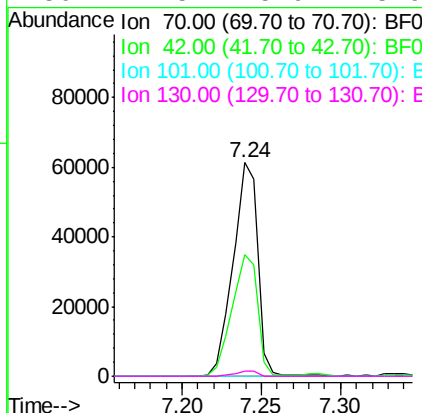




#19
n-Nitroso-di-n-propylamine
Concen: 12.02 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.11 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

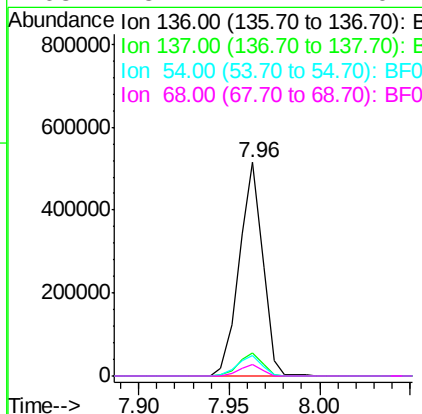
Instrument :
BNA_F
ClientSampleId :

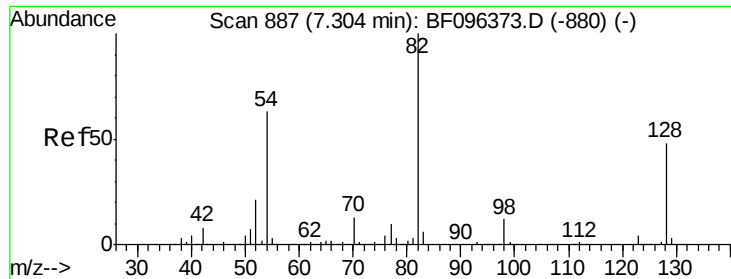
Tot Ion: 70 Resp: 66288
Ion Ratio Lower Upper
70 100
42 56.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:136 Resp: 462180
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.6 4.9 7.3#
68 5.2 4.1 6.1

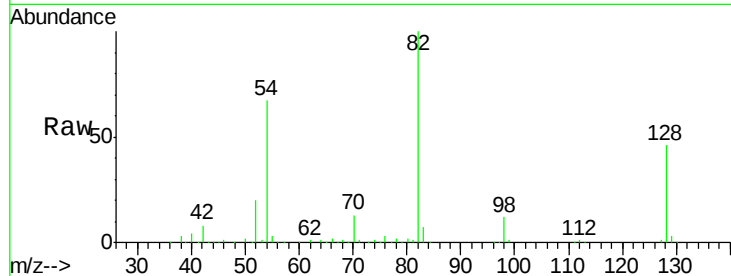




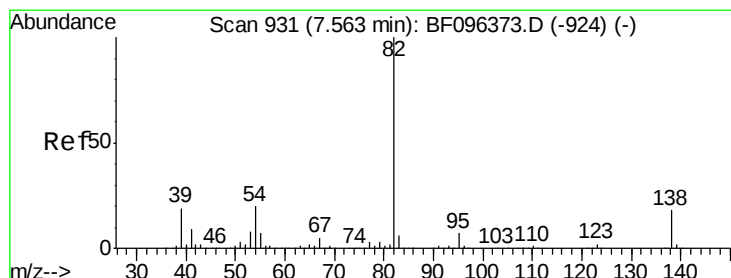
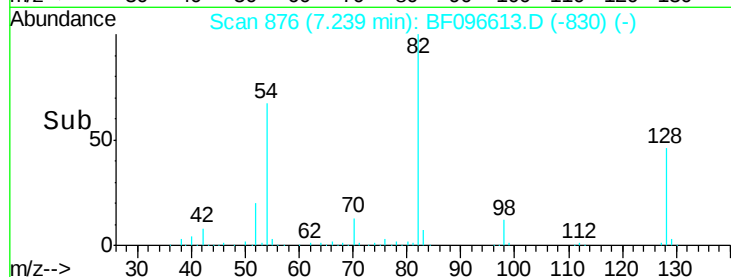
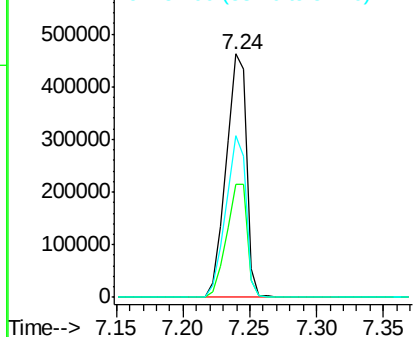
#23
Nitrobenzene-d5
Concen: 65.44 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 503315
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 66.6 42.2 63.2#

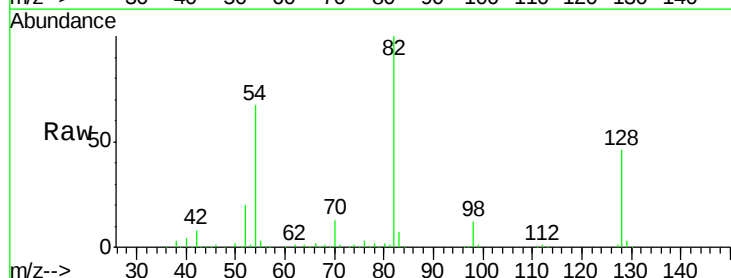


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

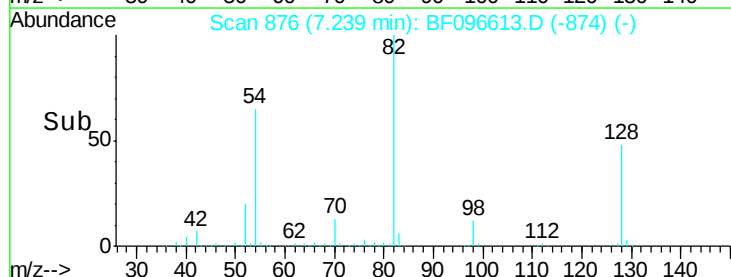
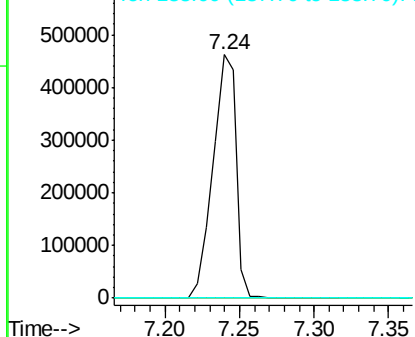


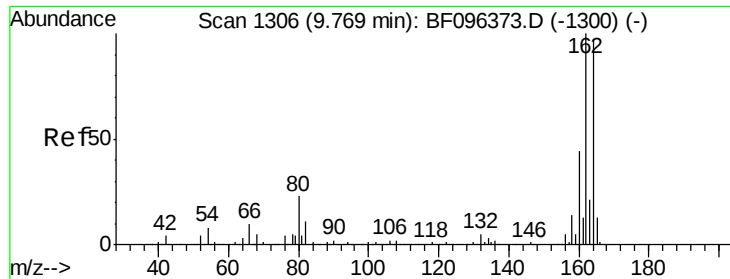
#25
Isophorone
Concen: 33.55 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.29 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion: 82 Resp: 500299
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

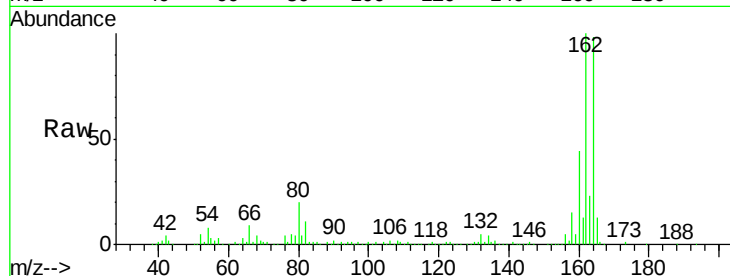




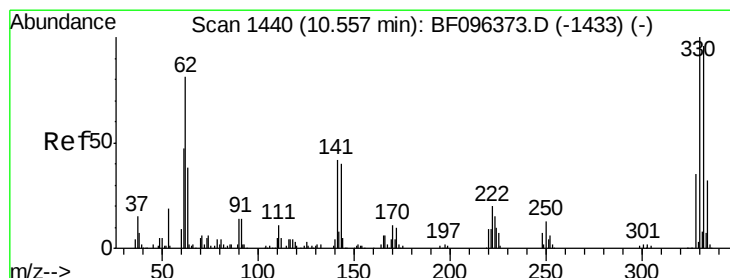
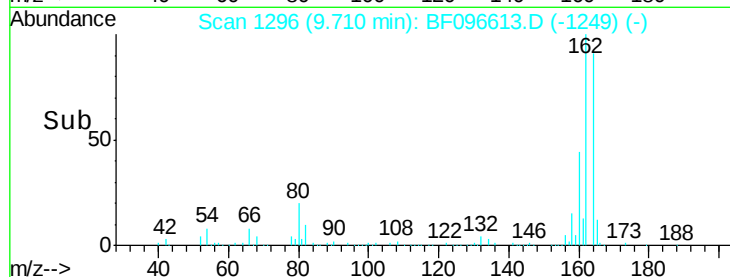
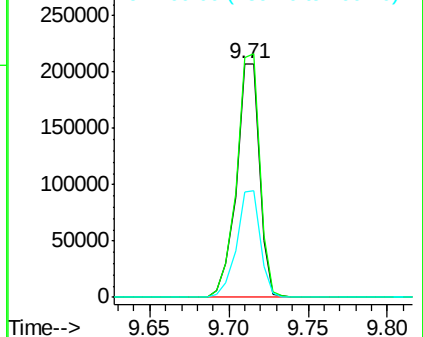
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 210369
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 45.0 36.2 54.2

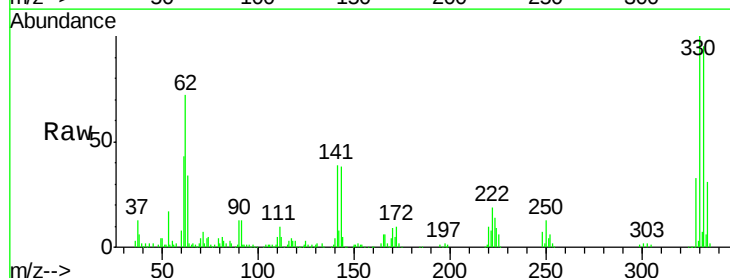


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

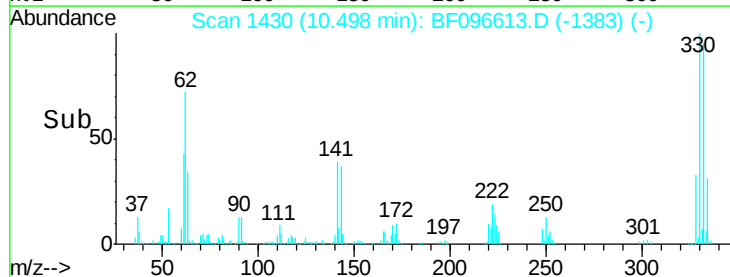
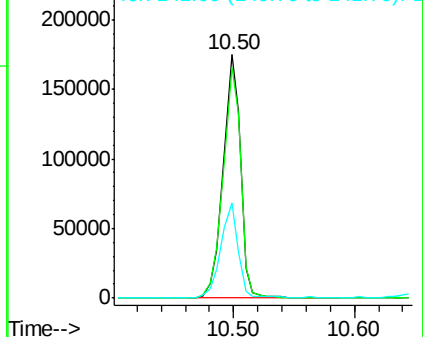


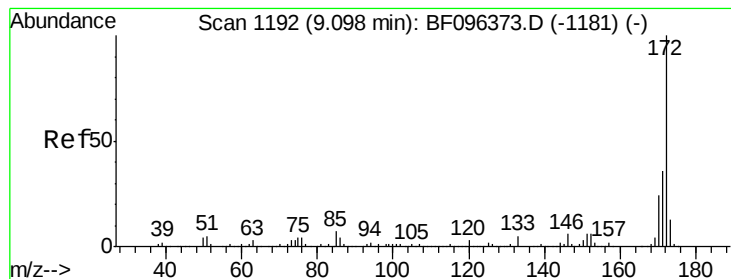
#41
2,4,6-Tribromophenol
Concen: 106.19 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:330 Resp: 174500
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 39.6 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: 63.02 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

Instrument :

BNA_F

ClientSampled :

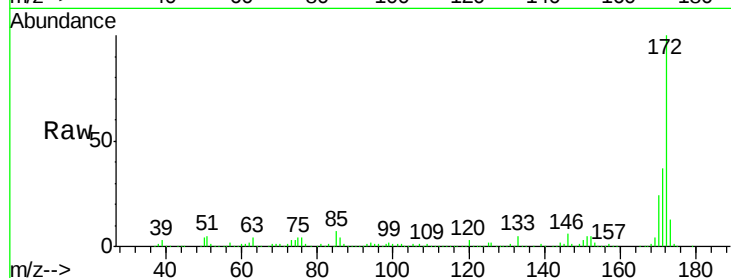
Tot Ion:172 Resp: 775386

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

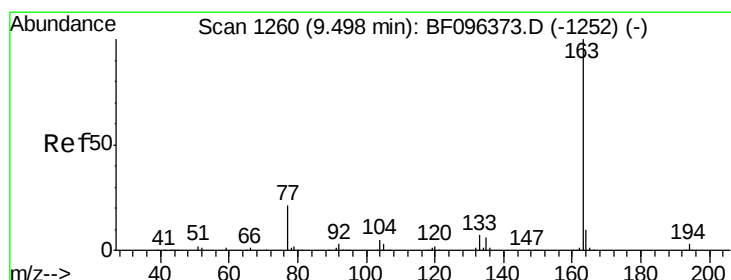
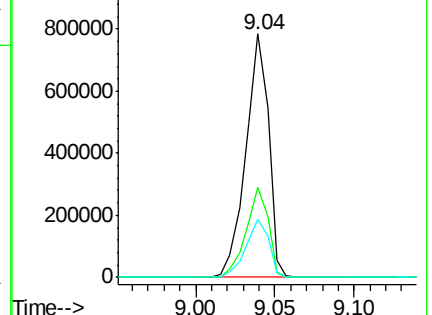
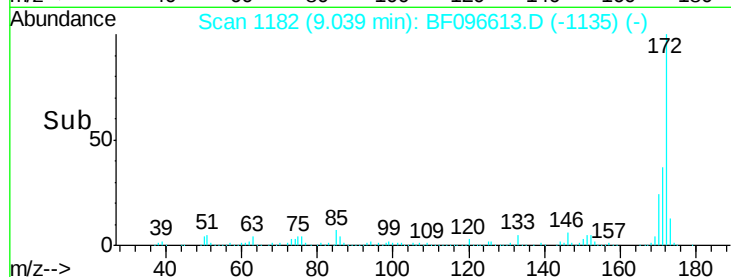
170 23.8 19.8 29.8



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: 8.13 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

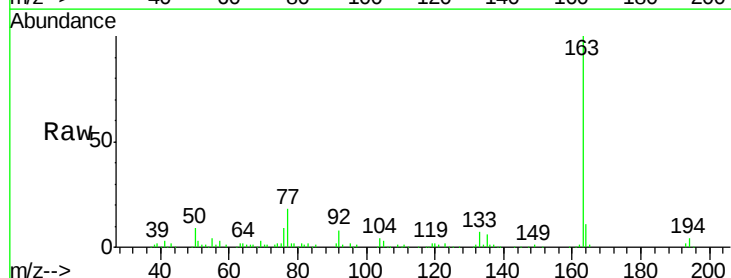
Tgt Ion:163 Resp: 127617

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0

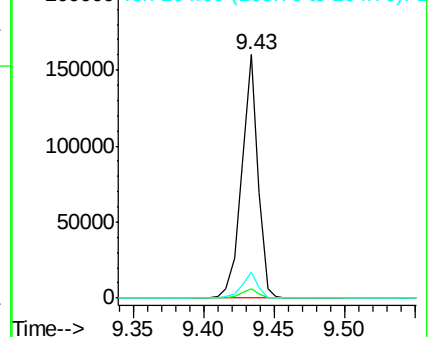
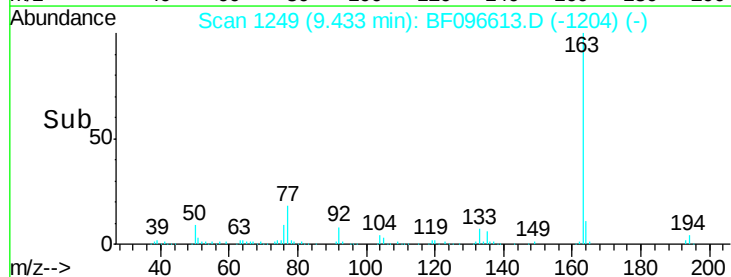
164 10.5 8.4 12.6

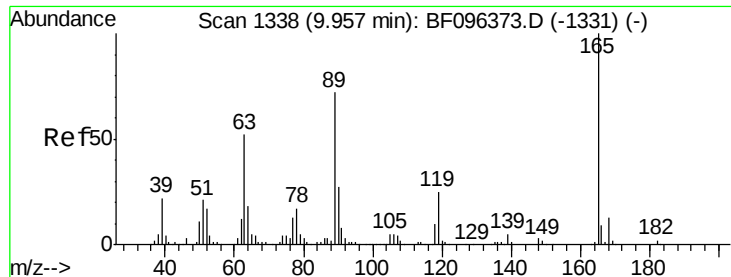


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

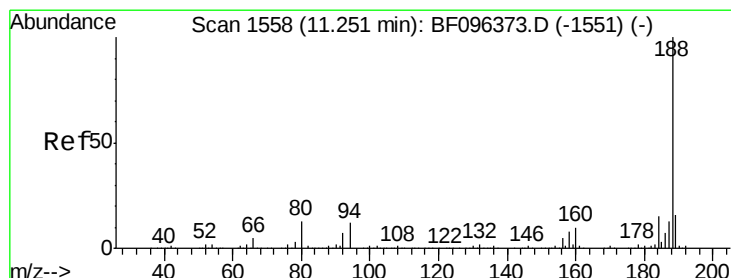
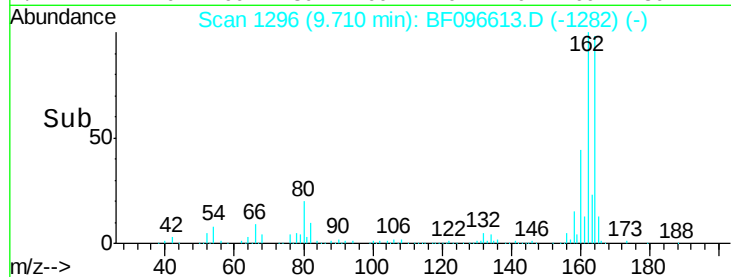
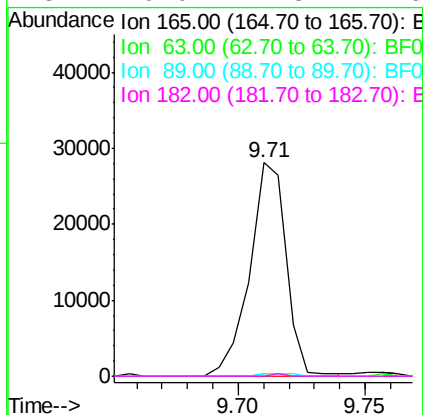
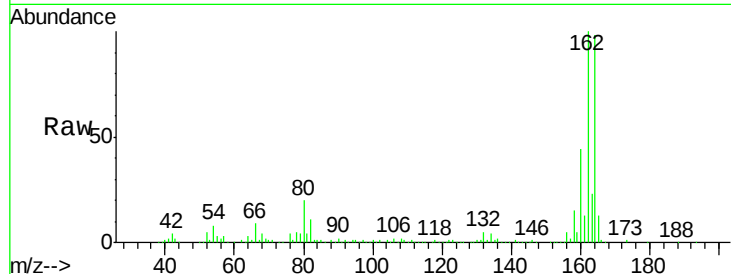




#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

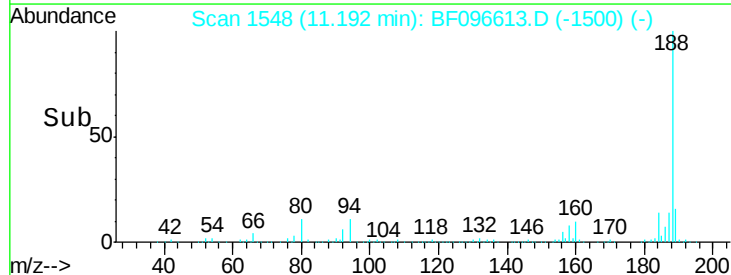
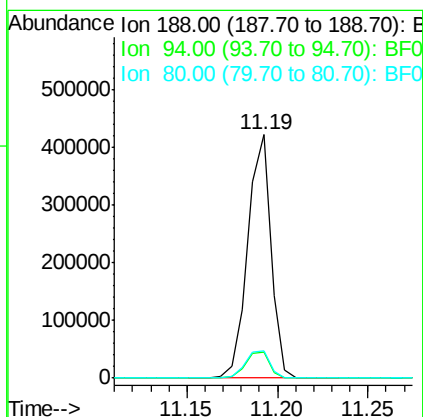
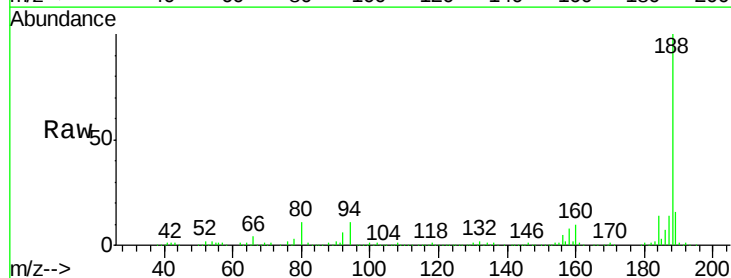
Instrument :
 BNA_F
 ClientSampleId :

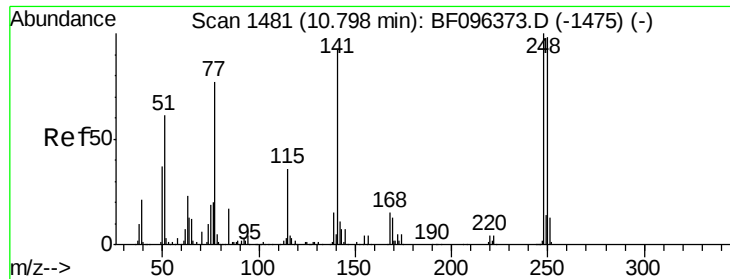
Tot Ion:165	Resp:	28454
Ion Ratio	Lower	Upper
165	100	
63	1.4	25.4 38.0#
89	1.2	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

Tgt Ion:188	Resp:	377311
Ion Ratio	Lower	Upper
188	100	
94	10.9	9.4 14.2
80	11.1	10.2 15.2

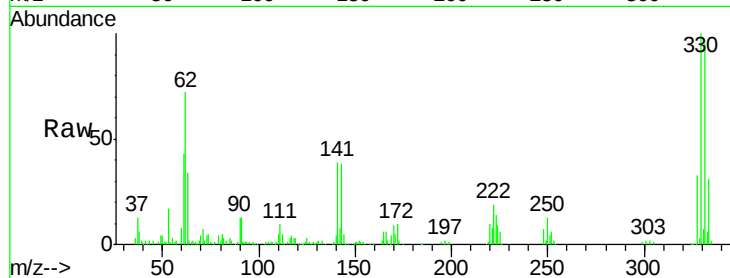




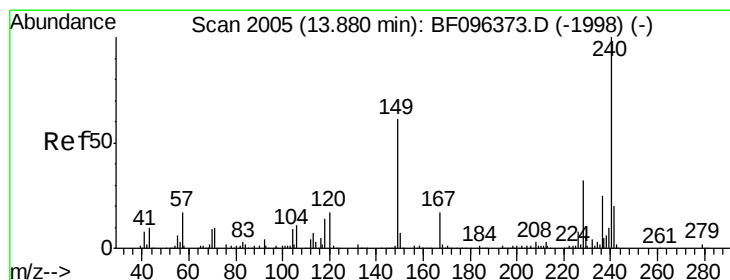
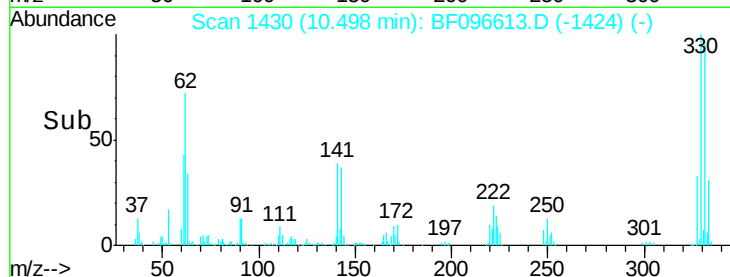
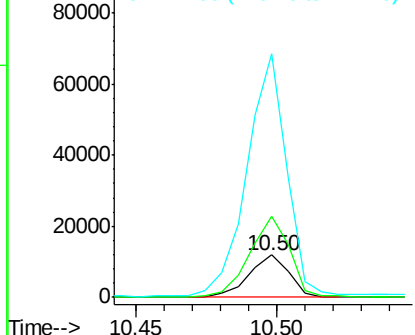
#66
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11607
Ion Ratio Lower Upper
248 100
250 193.3 76.8 115.2#
141 575.9 68.6 103.0#

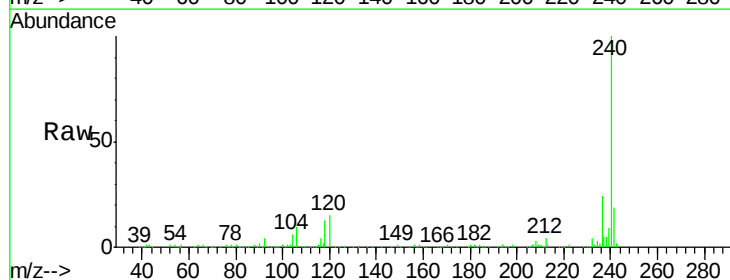


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

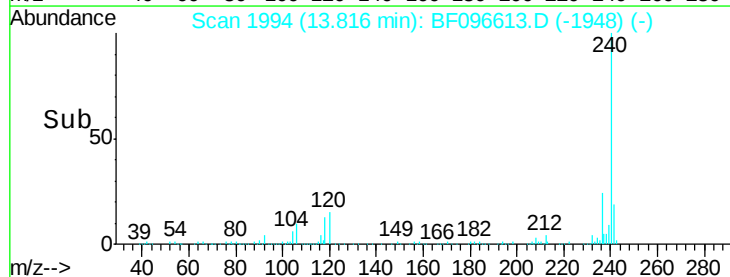
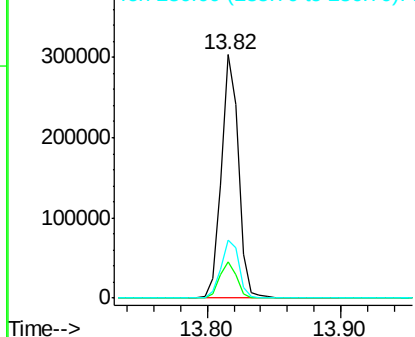


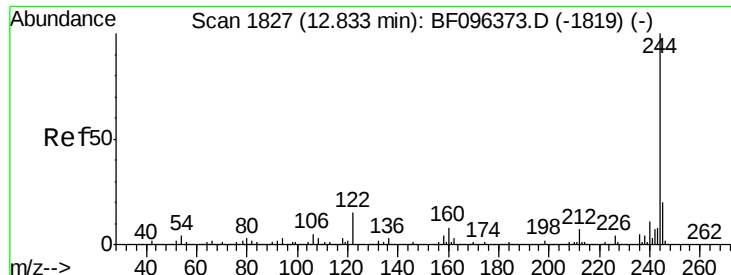
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:240 Resp: 276896
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.0 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

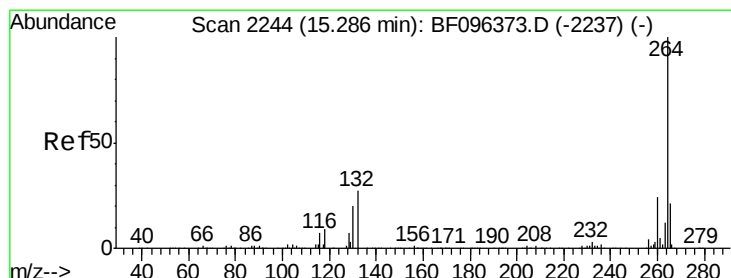
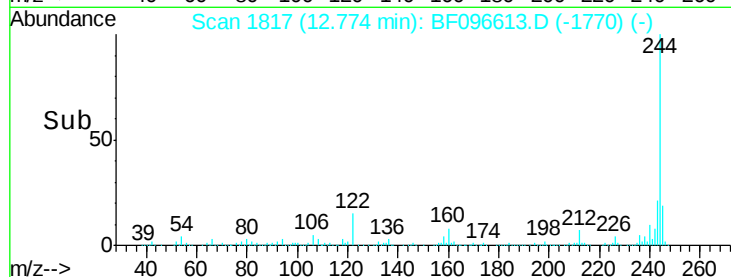
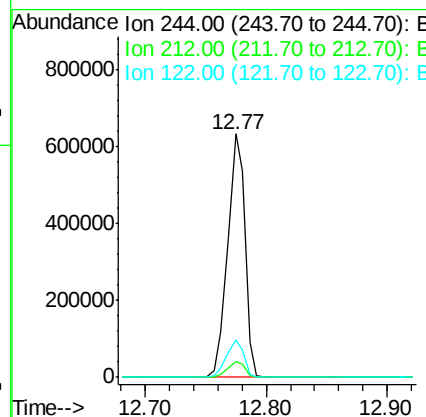
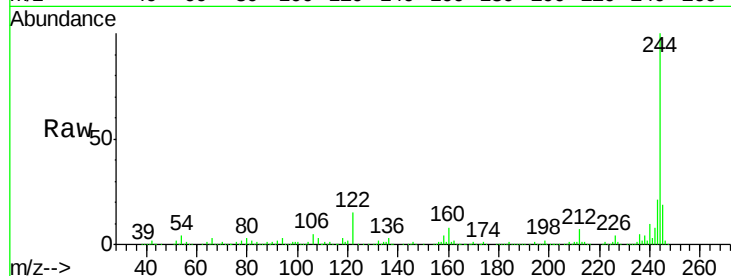




#78
 Terphenyl-d14
 Concen: 48.20 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 624609
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 15.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.03 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

Tgt Ion:264 Resp: 194163
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.3 17.2 25.8

