

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096567.D
 Acq On : 7 Jul 2017 19:00
 Operator : SJ/MA
 Sample : I4069-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 23:11:42 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

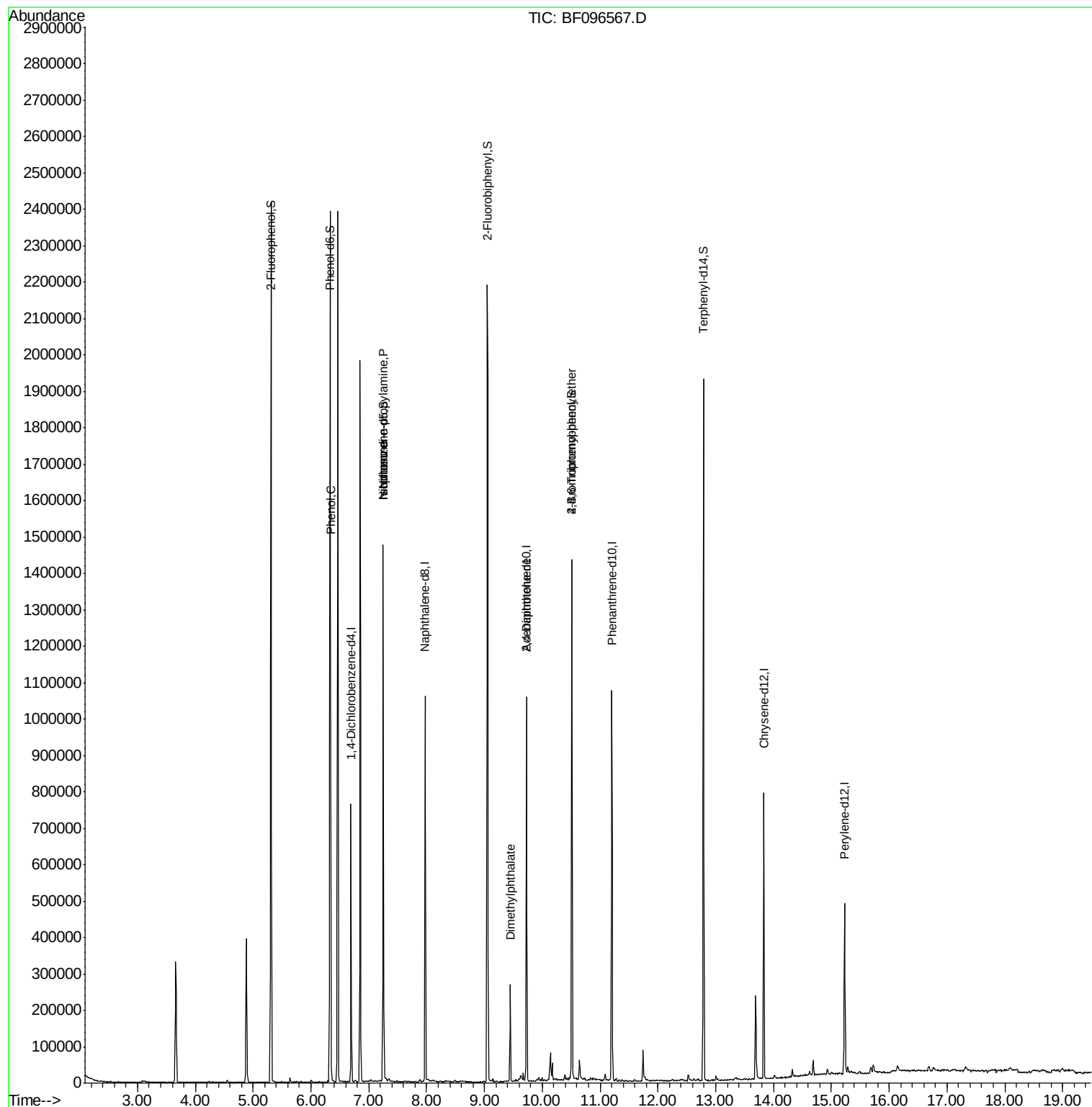
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	109425	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	462962	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	199447	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	345491	20.00	ng	0.00
75) Chrysene-d12	13.83	240	251582	20.00	ng	-0.01
86) Perylene-d12	15.23	264	191164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	672486	90.71	ng	0.00
7) Phenol-d6	6.33	99	822350	90.23	ng	-0.01
23) Nitrobenzene-d5	7.25	82	479465	62.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	158088	101.47	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	734818	62.99	ng	-0.01
78) Terphenyl-d14	12.79	244	593552	50.41	ng	0.00
Target Compounds						
10) Phenol	6.35	94	25755	2.48	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.25	70	62834	11.57	ng	# 84
25) Isophorone	7.25	82	477228	31.95	ng	# 67
49) Dimethylphthalate	9.45	163	97685	6.56	ng	99
56) 2,4-Dinitrotoluene	9.73	165	25207	6.05	ng	# 32
66) 4-Bromophenyl-phenylether	10.52	248	10197	3.03	ng	# 1

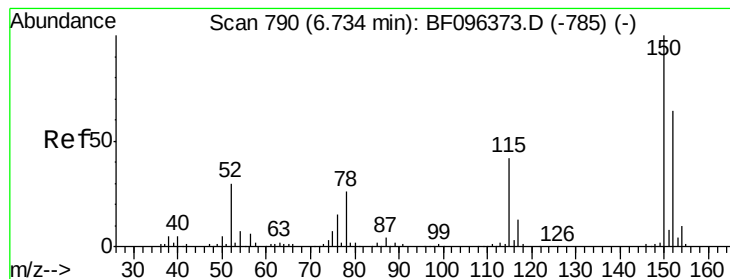
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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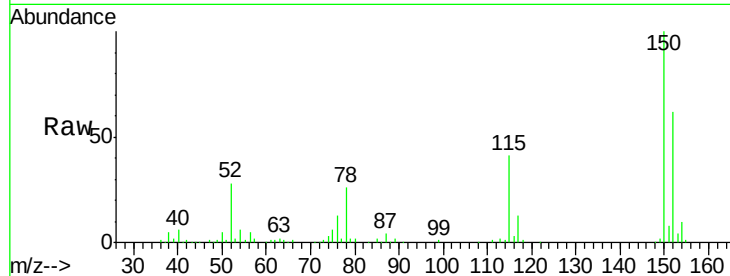


#1

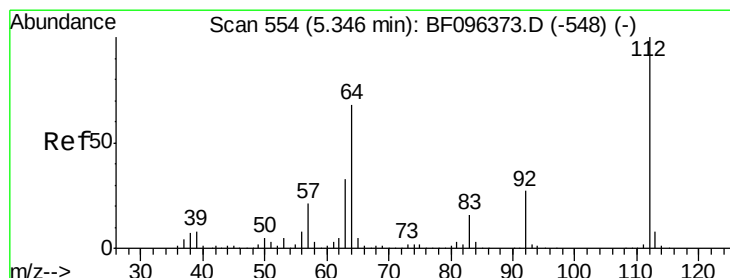
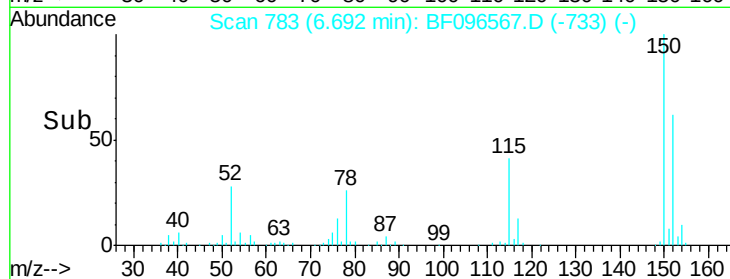
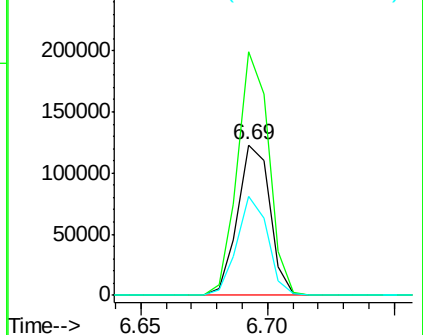
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109425
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 66.0 52.2 78.2



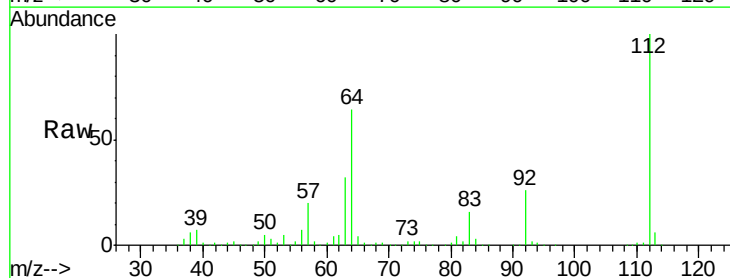
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



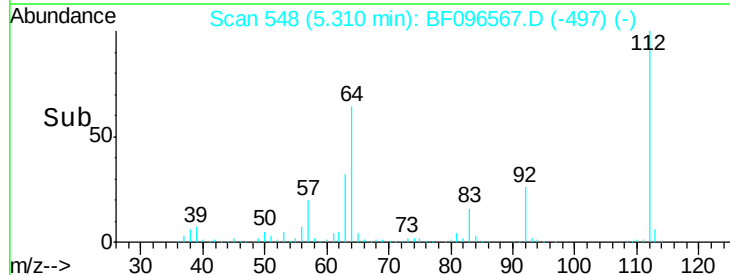
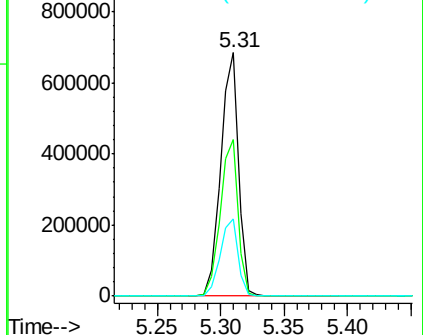
#5

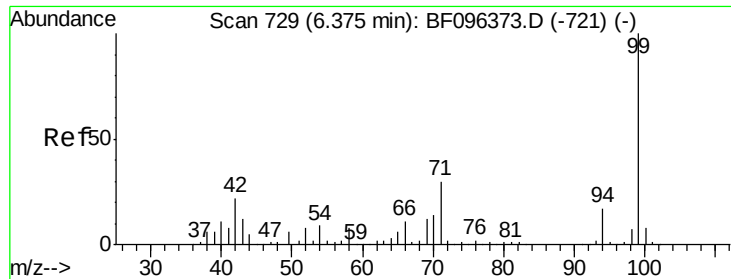
2-Fluorophenol
Concen: 90.71 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Tgt Ion:112 Resp: 672486
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 31.5 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: 90.23 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

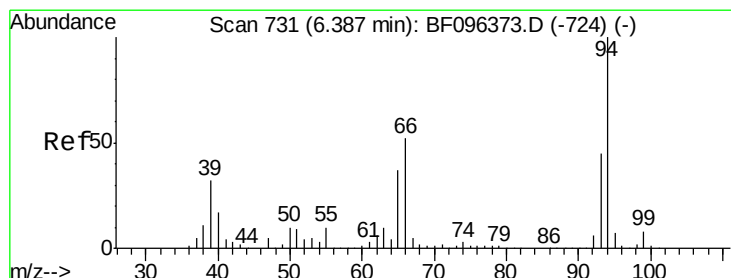
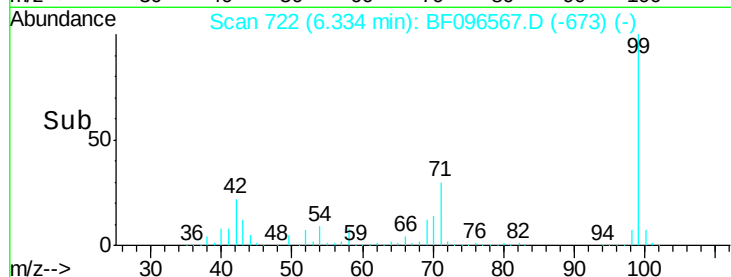
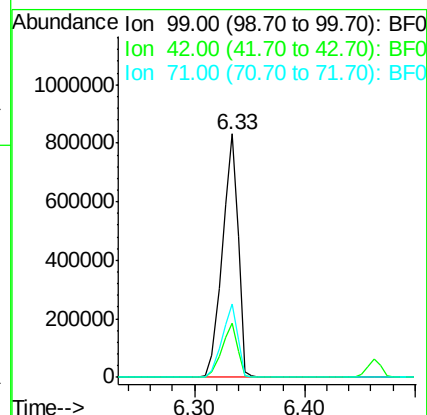
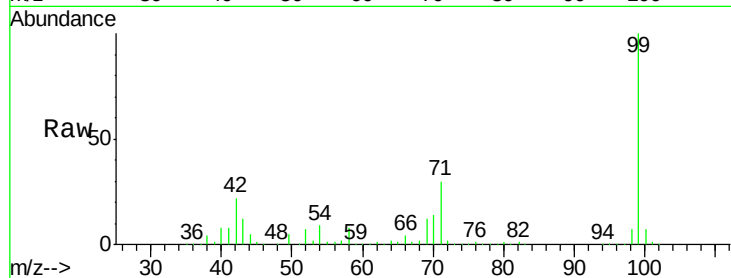
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 822350

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	30.4	24.5	36.7



#10

Phenol

Concen: 2.48 ng

RT: 6.35 min Scan# 724

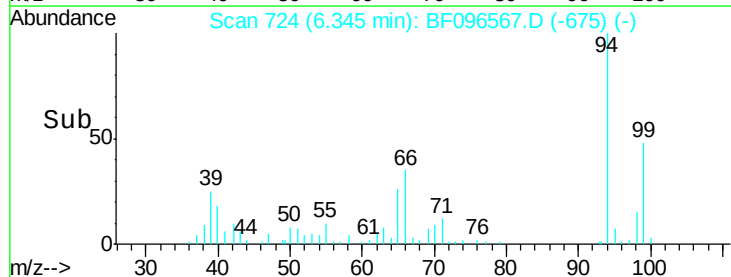
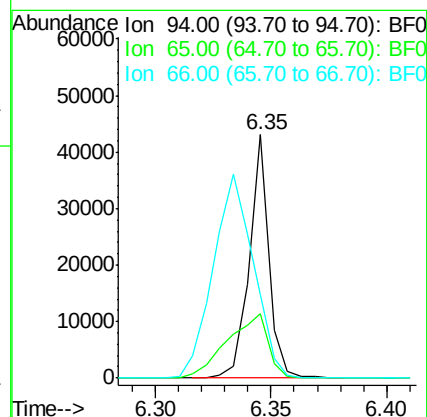
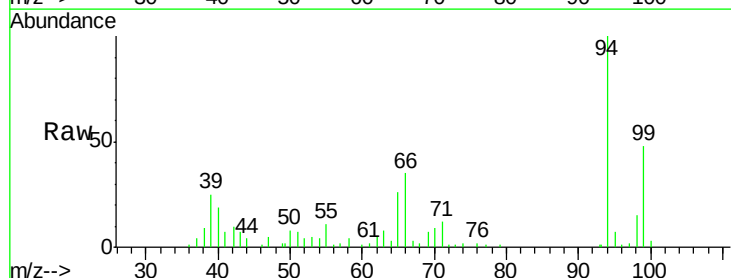
Delta R.T. -0.01 min

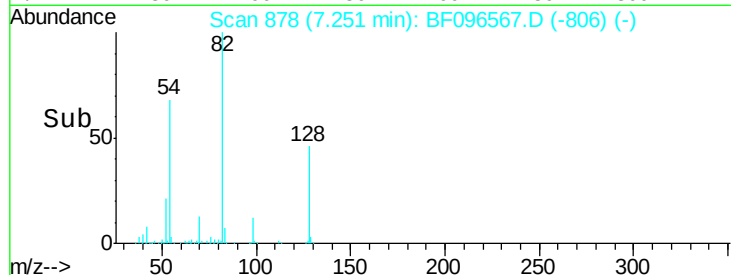
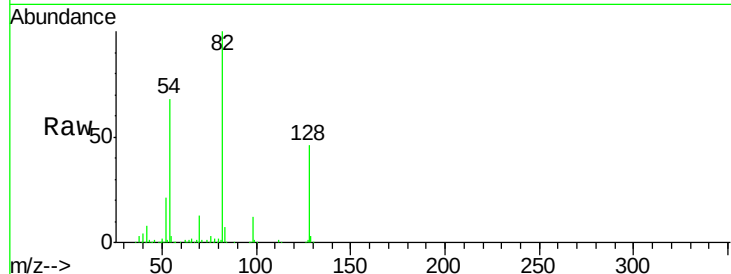
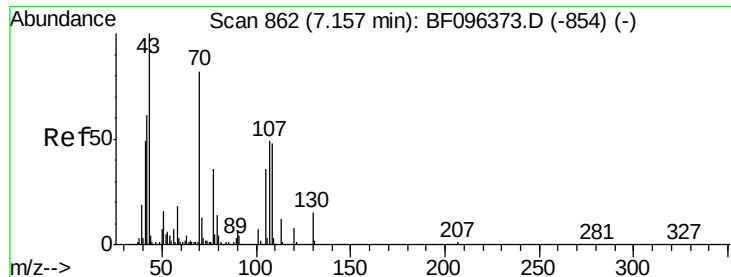
Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

Tgt Ion: 94 Resp: 25755

Ion	Ratio	Lower	Upper
94	100		
65	26.5	9.9	49.9
66	34.6	23.1	63.1

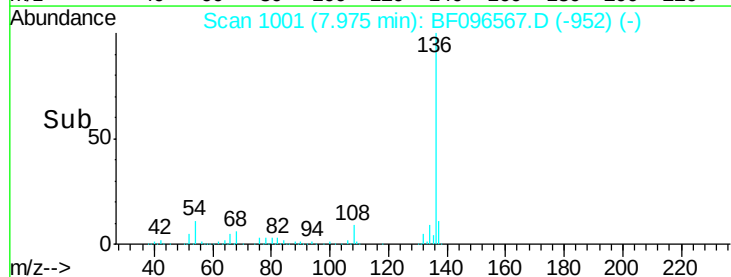
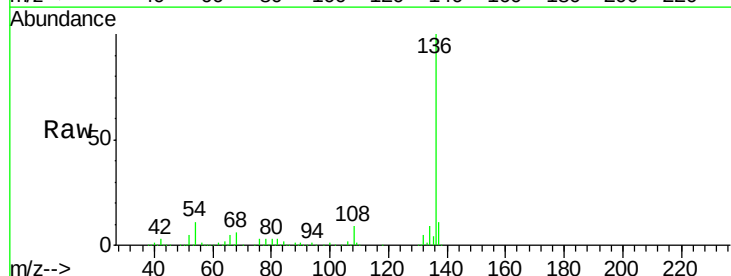
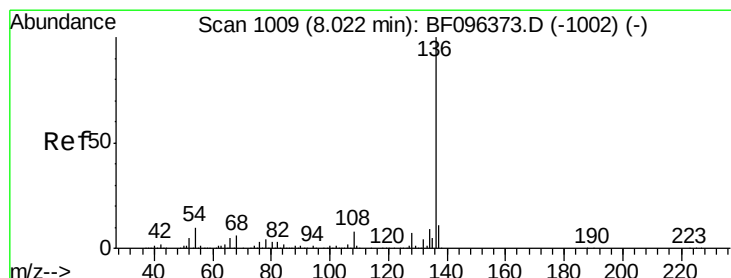
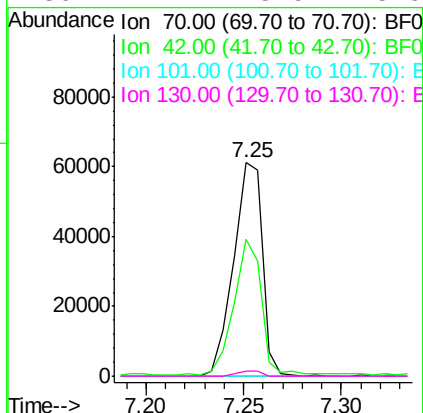




#19
n-Nitroso-di-n-propylamine
Concen: 11.57 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

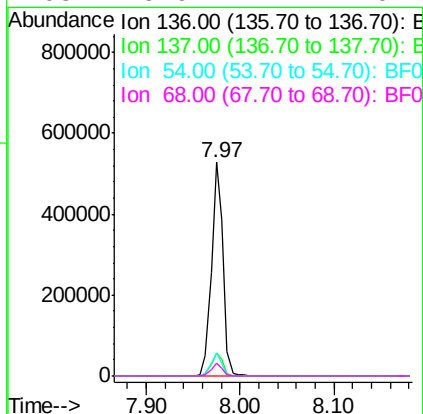
Instrument :
BNA_F
ClientSampleId :

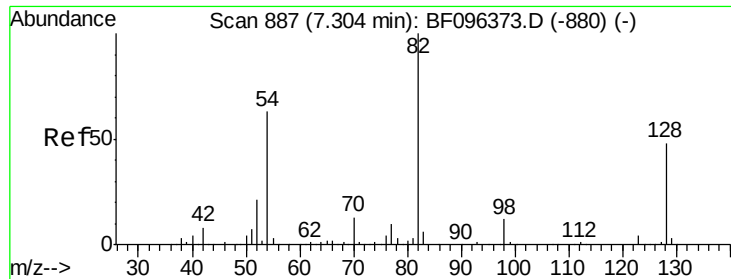
Tot Ion:	70	Resp:	62834
Ion	Ratio	Lower	Upper
70	100		
42	64.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Tgt Ion:	136	Resp:	462962
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.7	4.9	7.3#
68	5.9	4.1	6.1

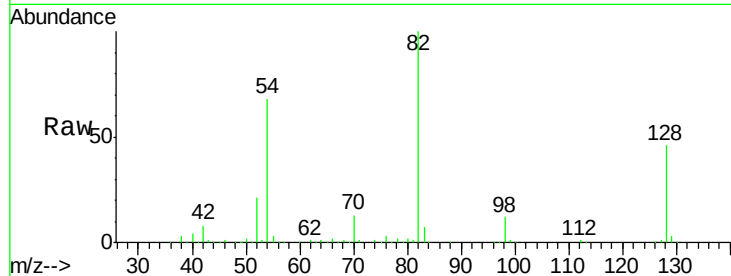




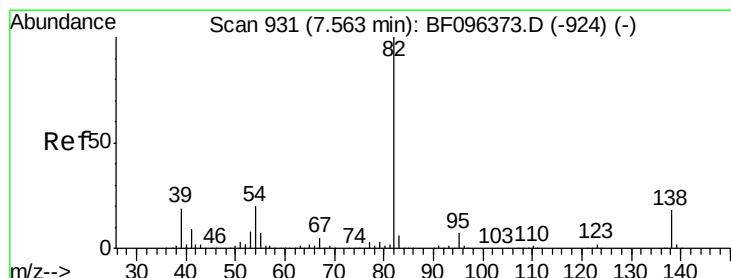
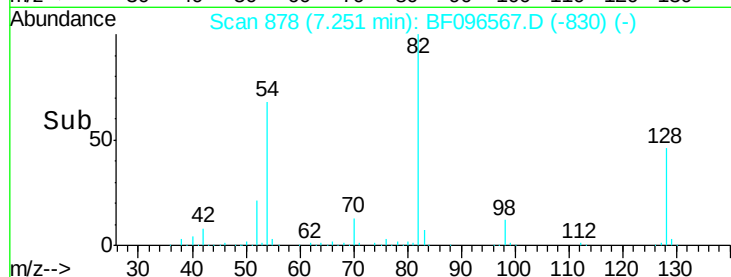
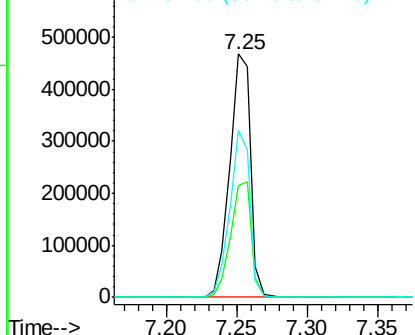
#23
Nitrobenzene-d5
Concen: 62.23 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 479465
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 68.4 42.2 63.2#

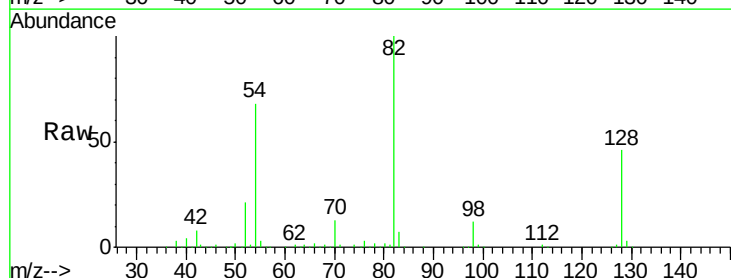


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

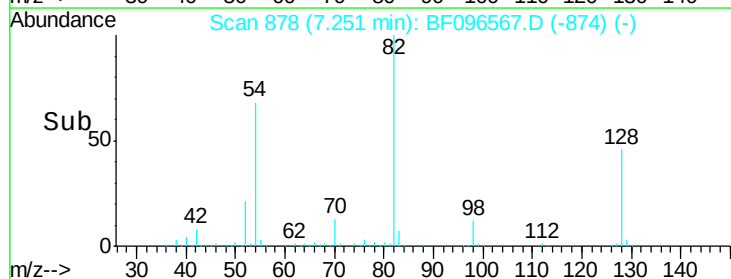
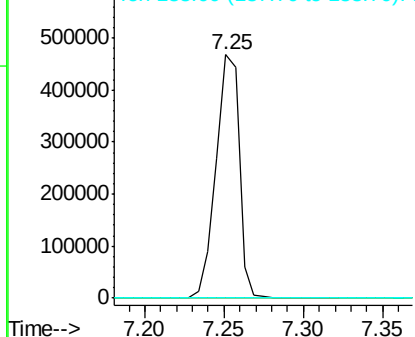


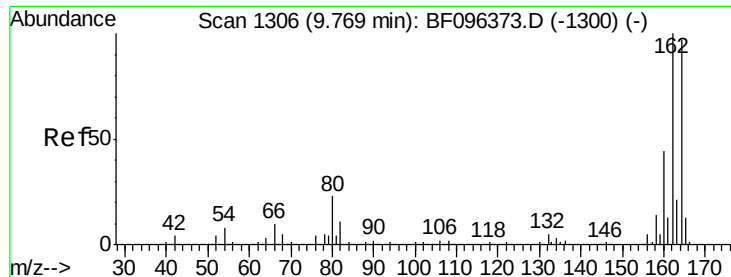
#25
Isophorone
Concen: 31.95 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Tgt Ion: 82 Resp: 477228
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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

Instrument :

BNA_F

ClientSampleId :

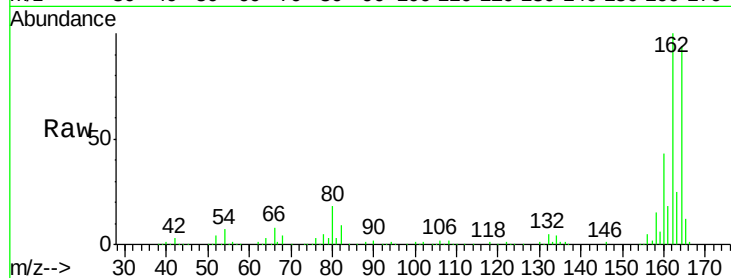
Tot Ion:164 Resp: 199447

Ion Ratio Lower Upper

164 100

162 106.3 82.6 123.8

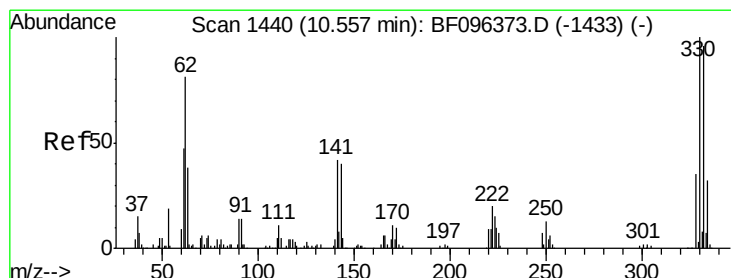
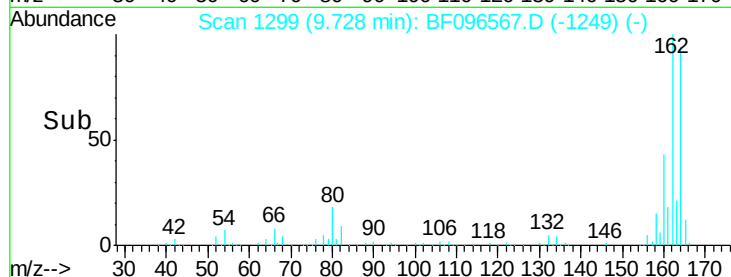
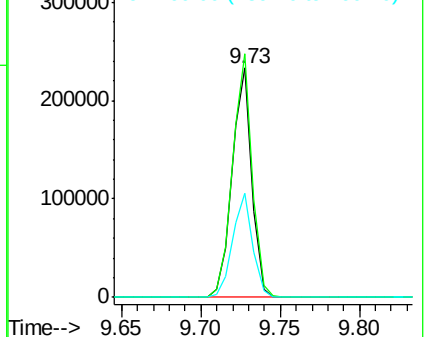
160 45.4 36.2 54.2



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: 101.47 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096567.D

Acq: 7 Jul 2017 19:00

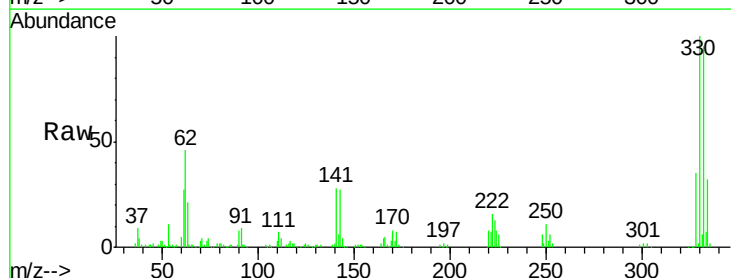
Tgt Ion:330 Resp: 158088

Ion Ratio Lower Upper

330 100

332 93.7 76.6 115.0

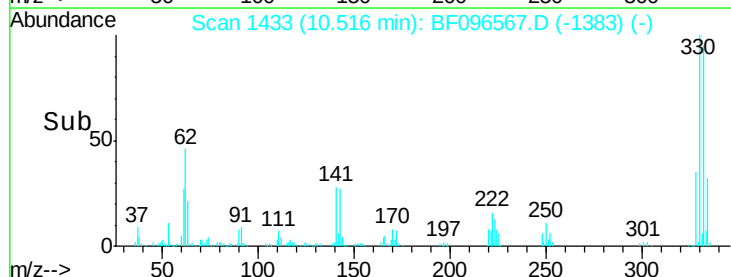
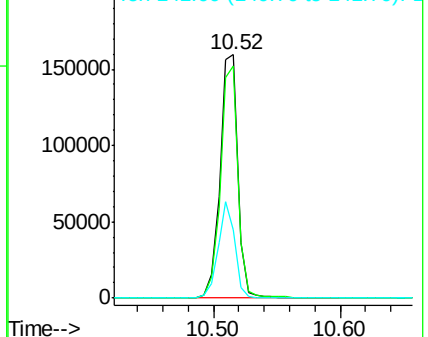
141 36.9 31.4 47.2

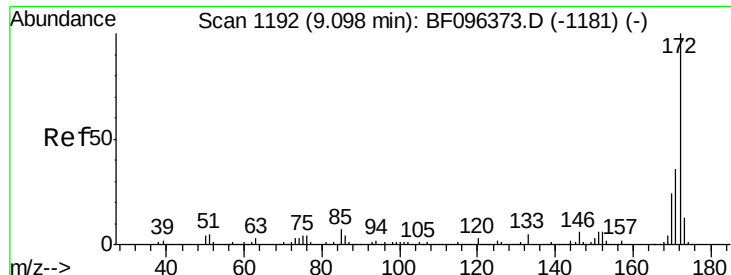


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

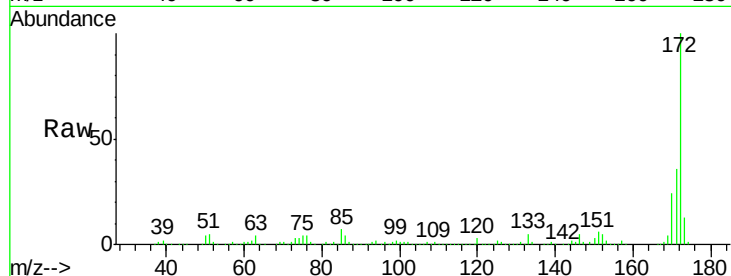




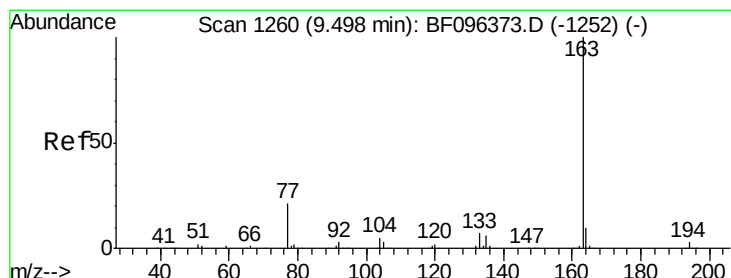
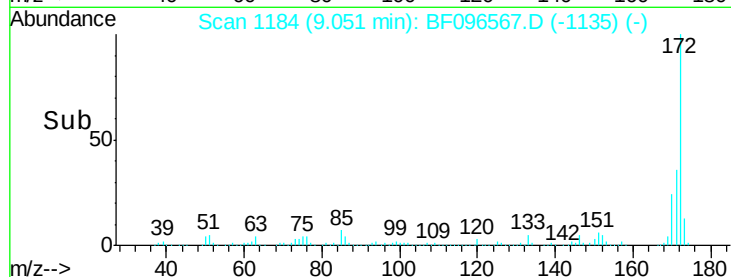
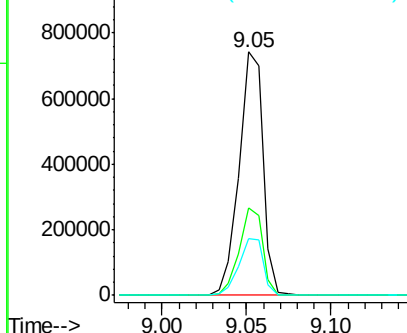
#44
2-Fluorobiphenyl
Concen: 62.99 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	19.8	29.8

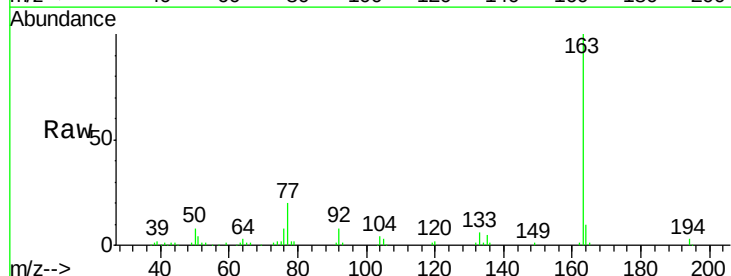


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

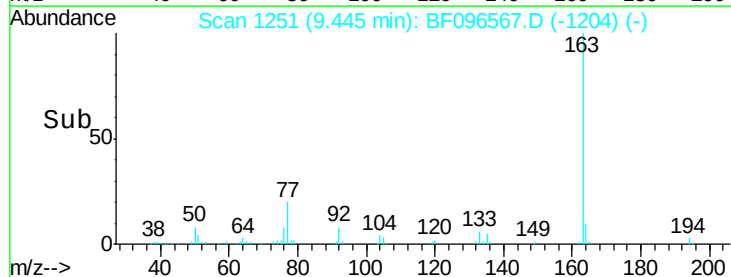
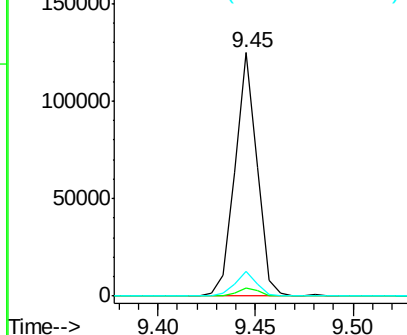


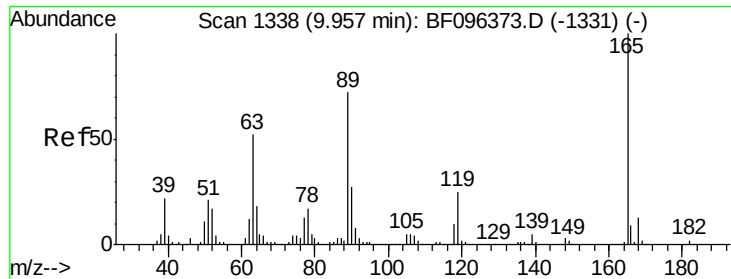
#49
Dimethylphthalate
Concen: 6.56 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	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

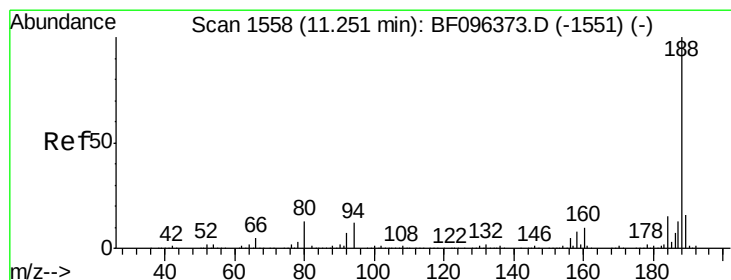
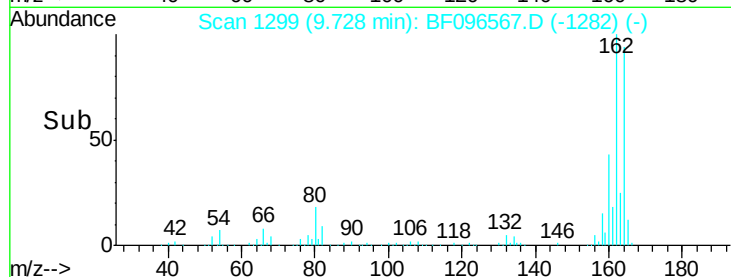
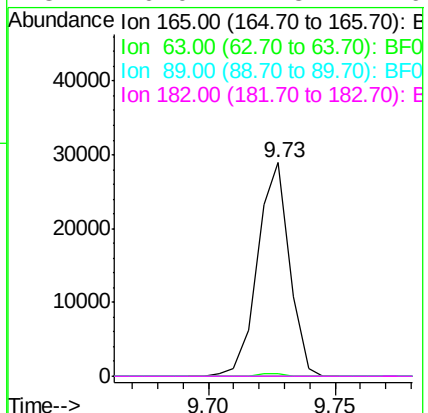
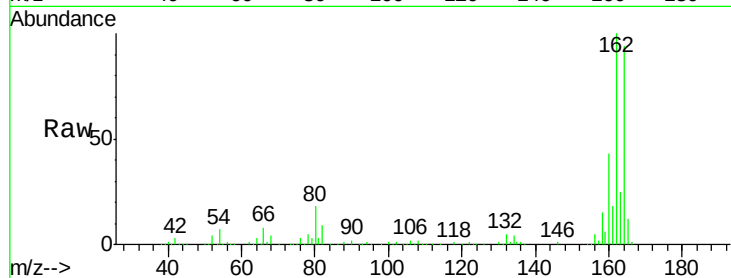




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

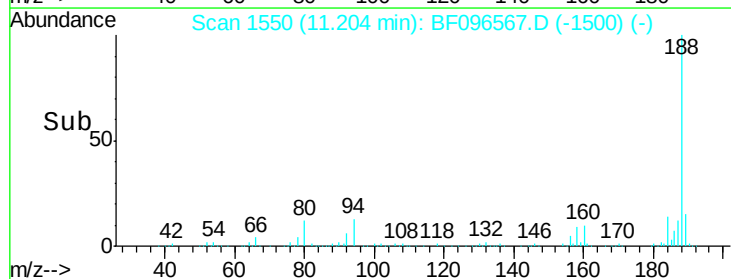
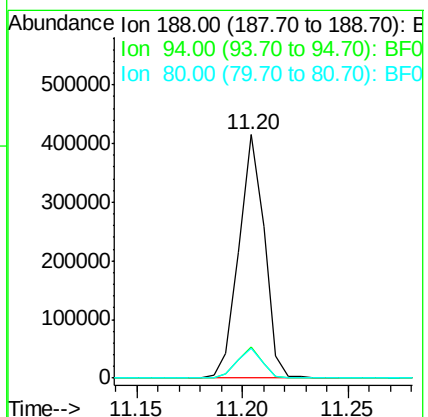
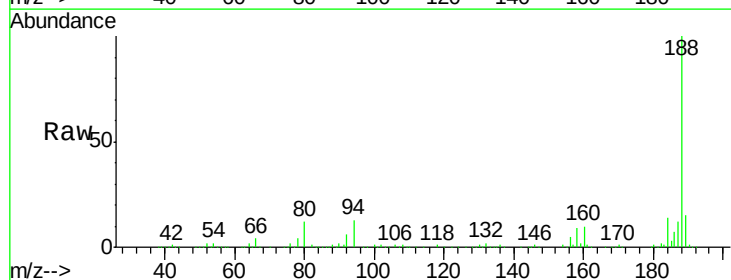
Instrument :
 BNA_F
 ClientSampleId :

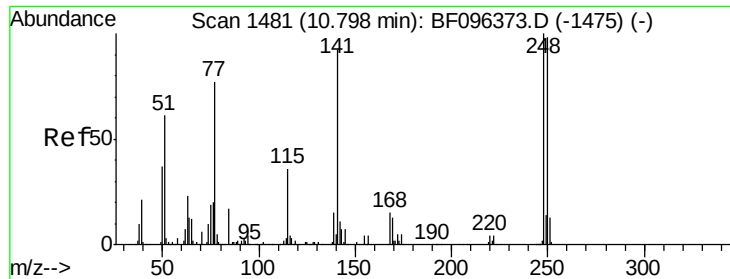
Tot Ion:165 Resp: 25207
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

Tgt Ion:188 Resp: 345491
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 12.4 10.2 15.2

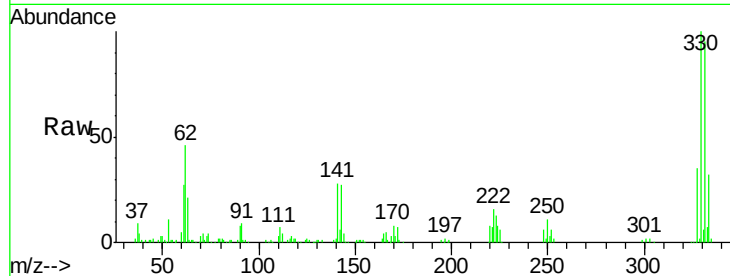




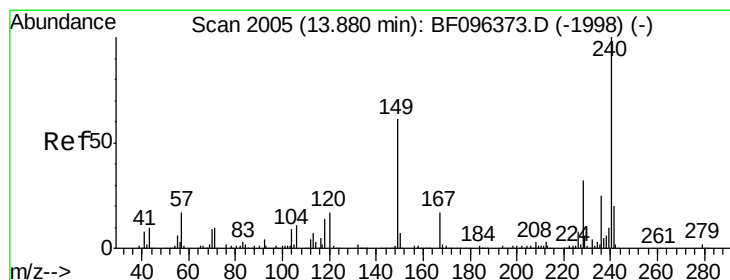
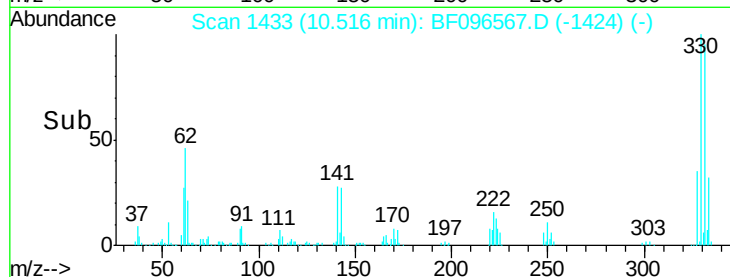
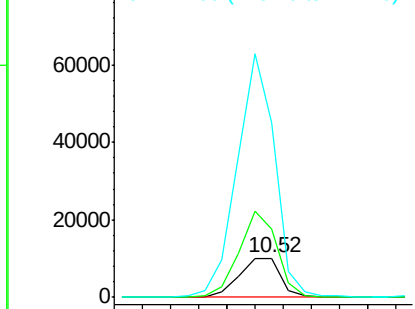
#66
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10197
Ion Ratio Lower Upper
248 100
250 174.3 76.8 115.2#
141 444.1 68.6 103.0#

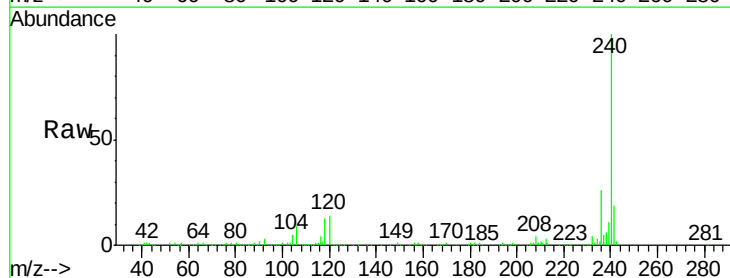


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

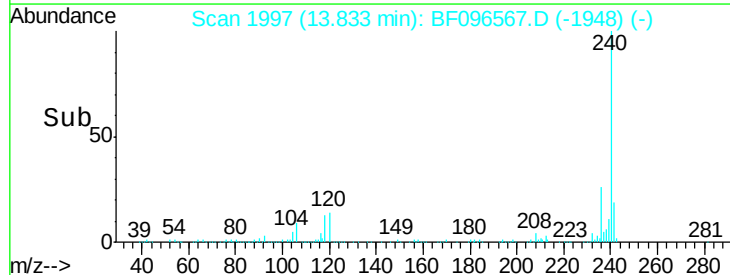
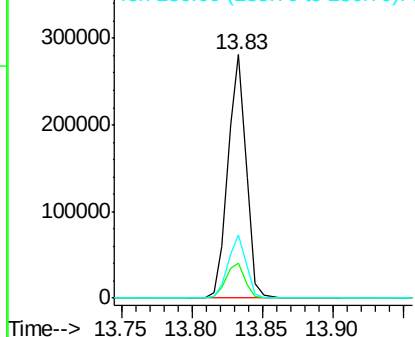


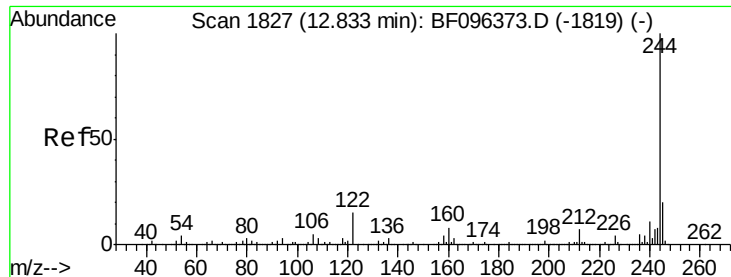
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096567.D
Acq: 7 Jul 2017 19:00

Tgt Ion:240 Resp: 251582
Ion Ratio Lower Upper
240 100
120 14.2 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

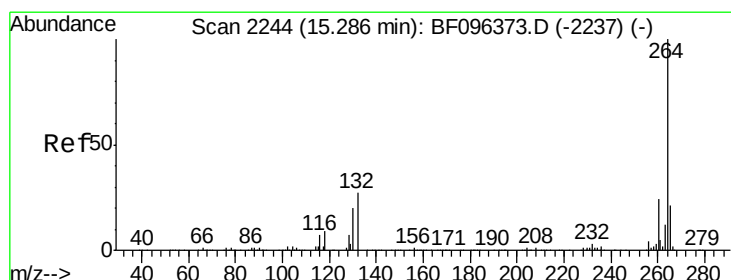
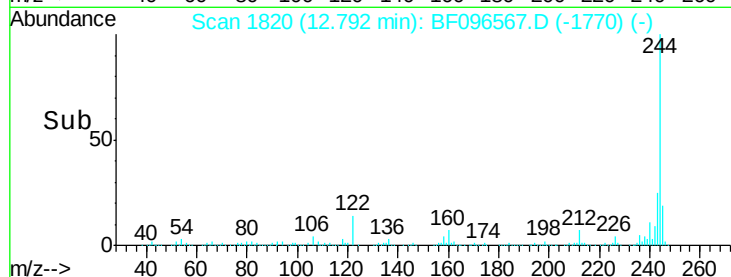
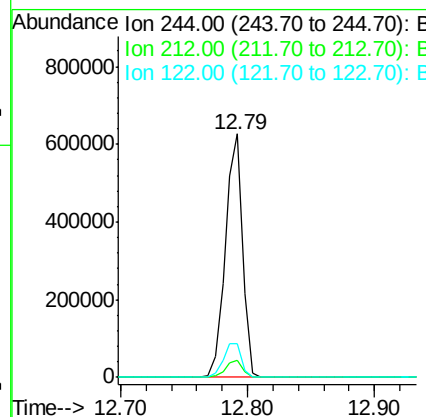
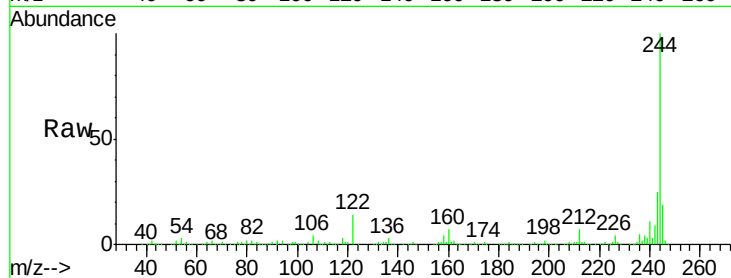




#78
 Terphenyl-d14
 Concen: 50.41 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 593552
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096567.D
 Acq: 7 Jul 2017 19:00

Tgt Ion:264 Resp: 191164
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 20.8 17.2 25.8

