

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096588.D
 Acq On : 8 Jul 2017 4:47
 Operator : SJ/MA
 Sample : I4063-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 05:31:31 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

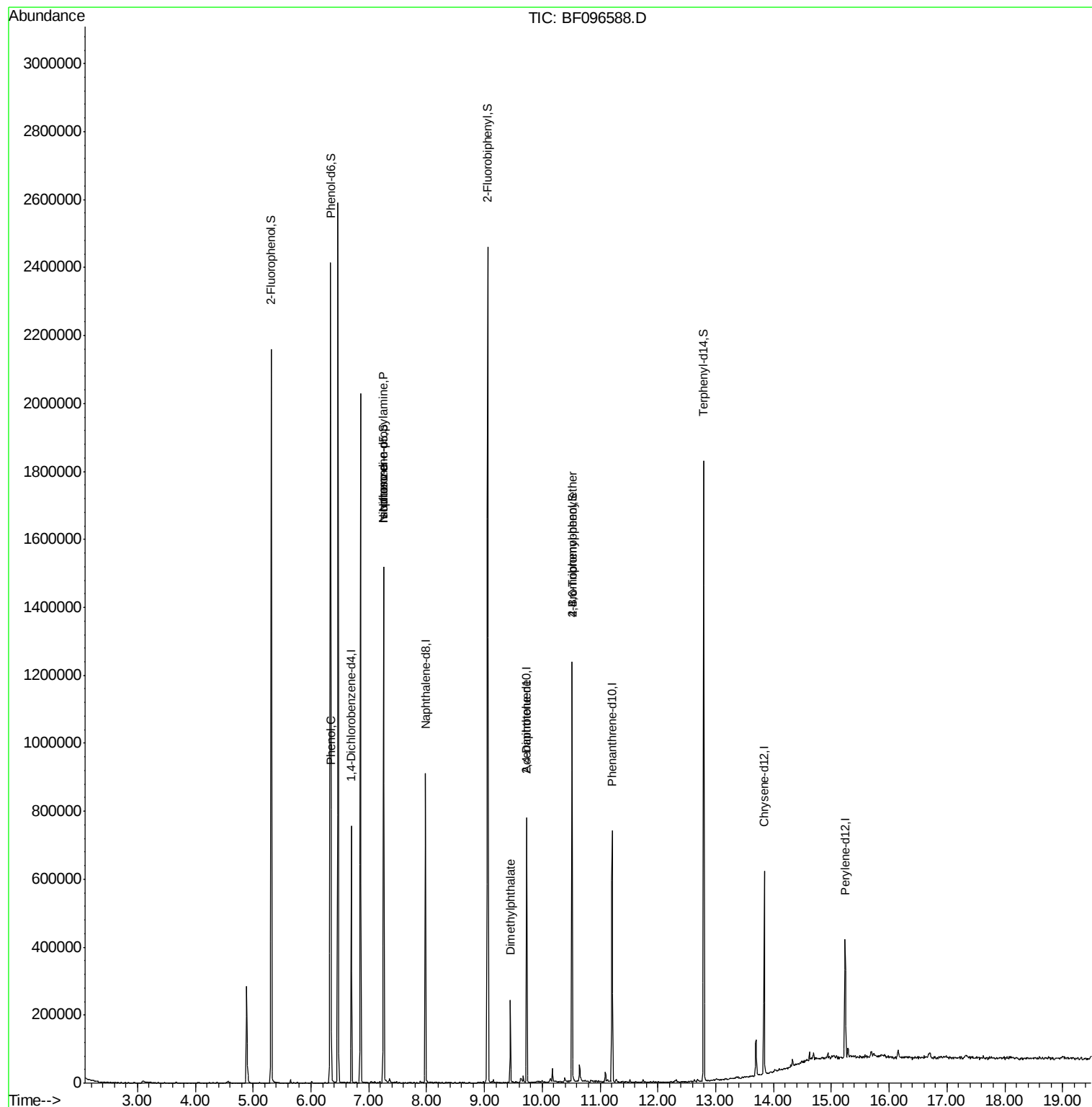
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103034	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	399751	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	153300	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	253447	20.00	ng	0.00
75) Chrysene-d12	13.84	240	205482	20.00	ng	0.00
86) Perylene-d12	15.24	264	138871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	641719	91.93	ng	0.00
7) Phenol-d6	6.34	99	812693	94.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	450954	67.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	128007	106.90	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	764396	85.25	ng	0.00
78) Terphenyl-d14	12.79	244	561213	58.36	ng	0.00
Target Compounds						
10) Phenol	6.35	94	26182	2.68	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	58854	11.51	ng	# 88
25) Isophorone	7.26	82	447159	34.67	ng	# 67
49) Dimethylphthalate	9.45	163	94262	8.24	ng	99
56) 2,4-Dinitrotoluene	9.73	165	18770	5.86	ng	# 32
66) 4-Bromophenyl-phenylether	10.52	248	7941	3.22	ng	# 1

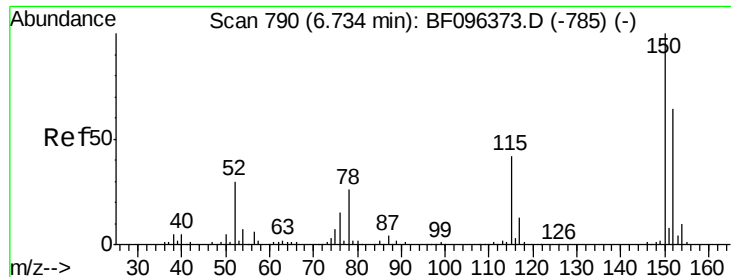
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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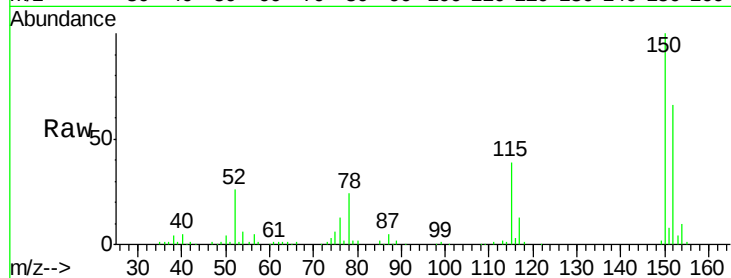


#1

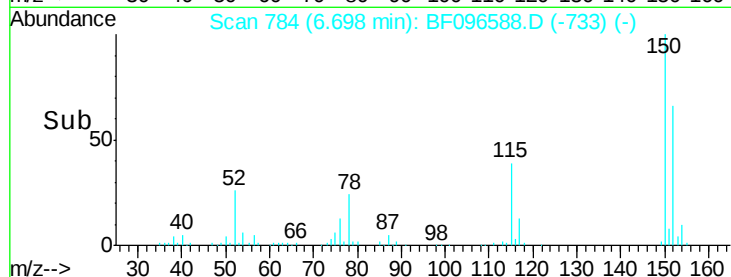
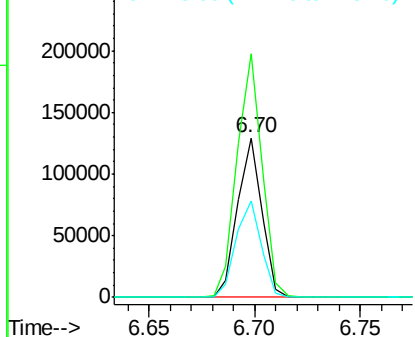
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103034
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 60.0 52.2 78.2



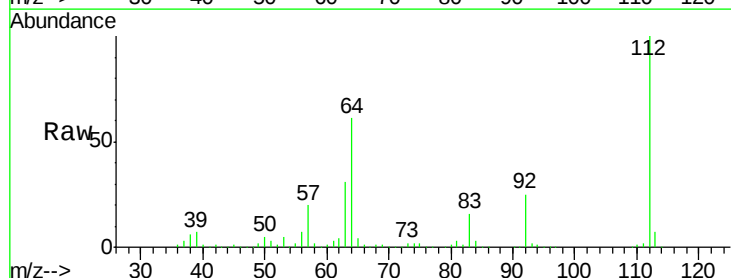
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



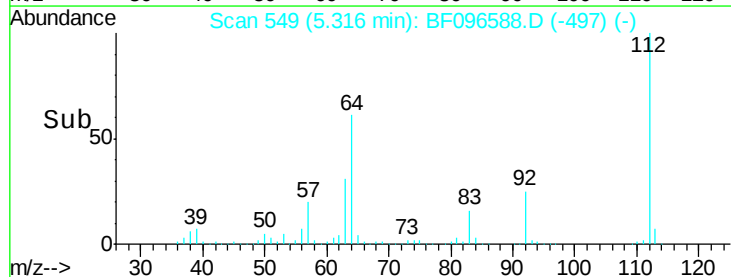
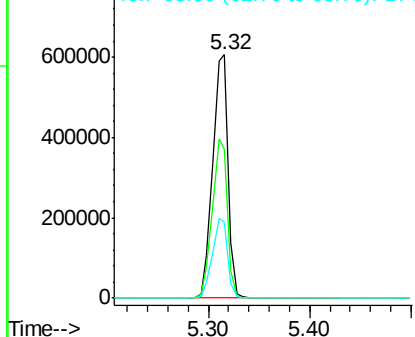
#5

2-Fluorophenol
Concen: 91.93 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:112 Resp: 641719
Ion Ratio Lower Upper
112 100
64 61.1 46.0 69.0
63 31.0 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: 94.70 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096588.D

Acq: 8 Jul 2017 4:47

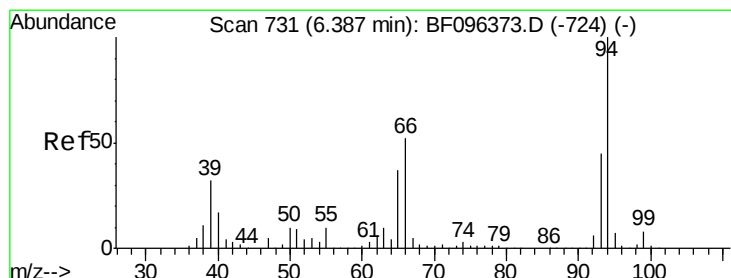
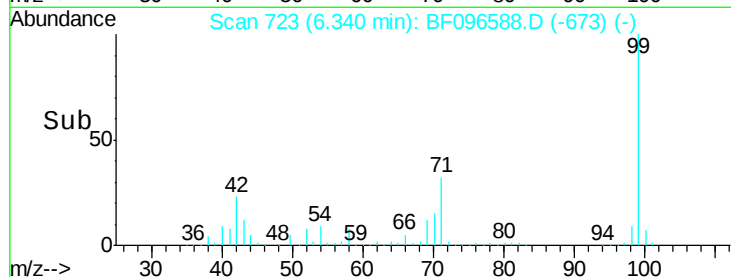
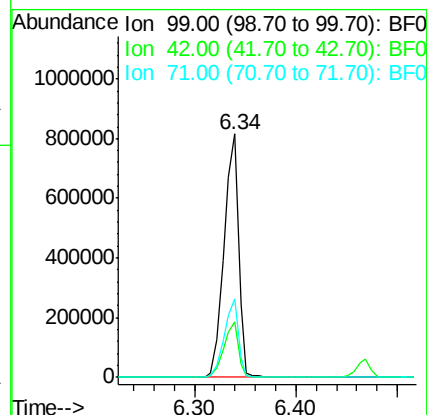
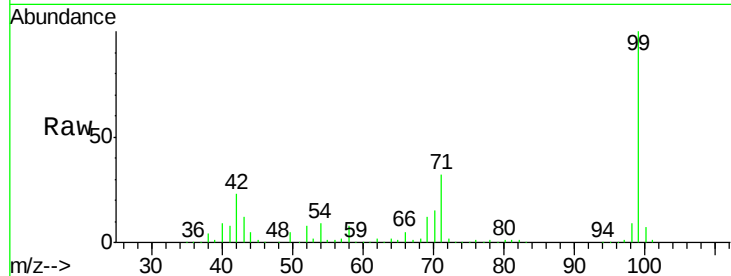
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 812693

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	32.2	24.5	36.7



#10

Phenol

Concen: 2.68 ng

RT: 6.35 min Scan# 725

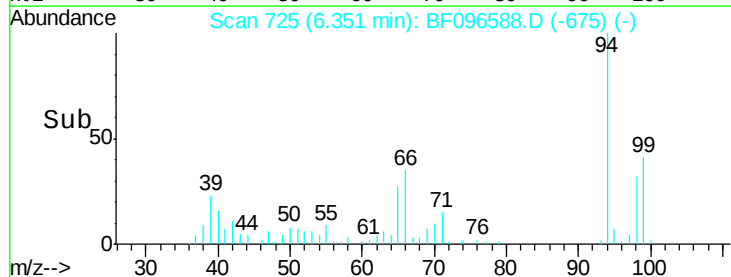
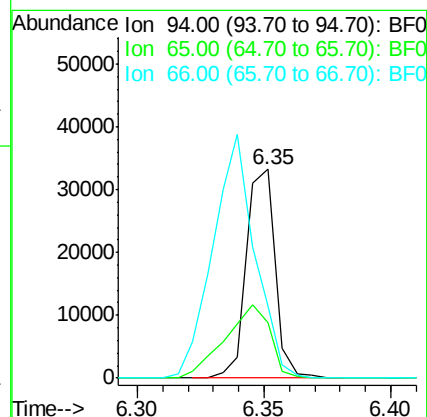
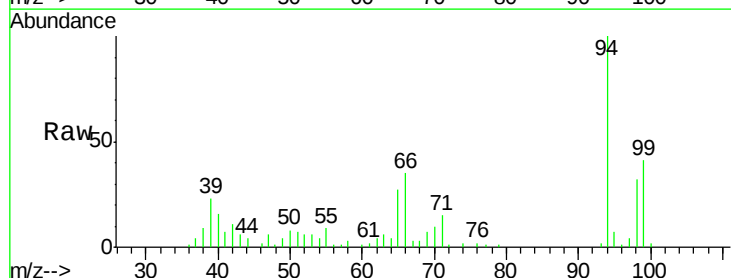
Delta R.T. -0.01 min

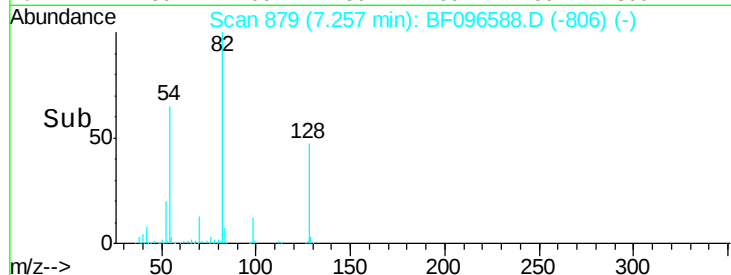
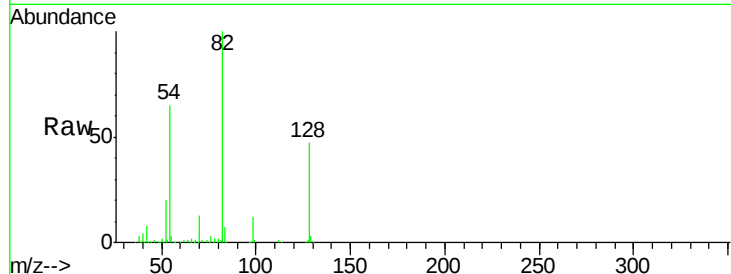
Lab File: BF096588.D

Acq: 8 Jul 2017 4:47

Tgt Ion: 94 Resp: 26182

Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	34.7	23.1	63.1

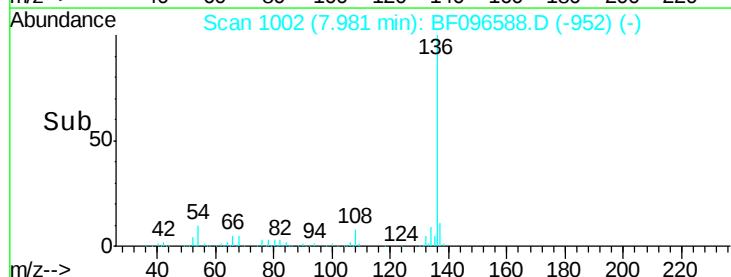
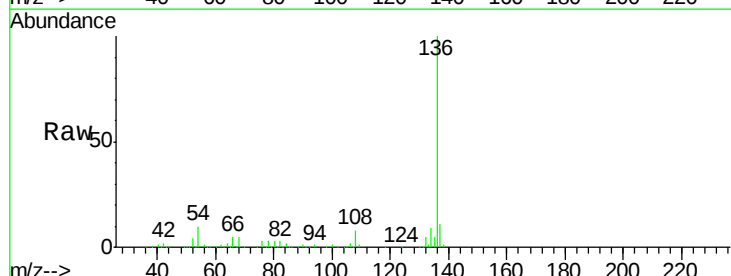
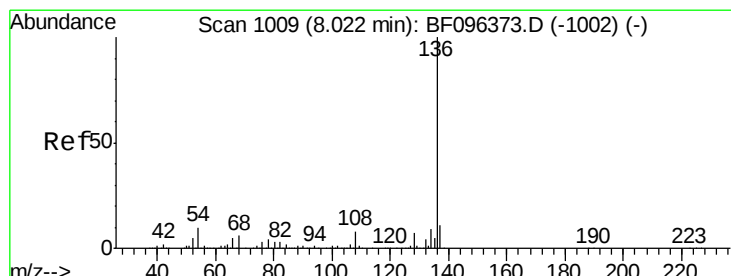
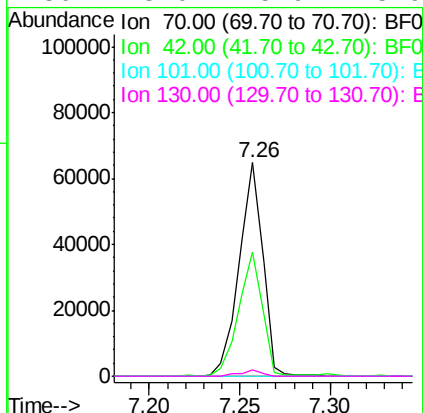




#19
n-Nitroso-di-n-propylamine
Concen: 11.51 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

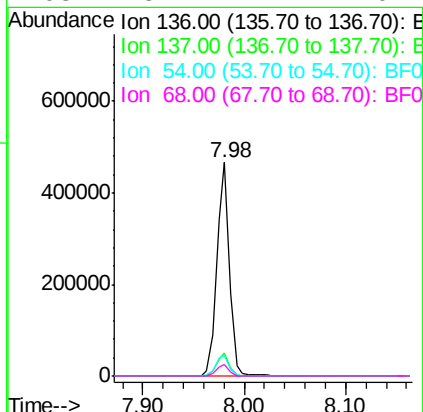
Instrument :
BNA_F
ClientSampled :

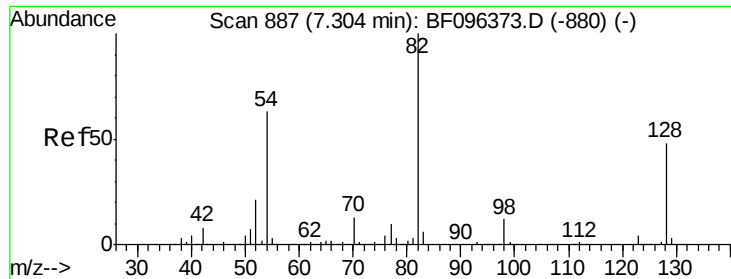
Tot Ion:	70	Resp:	58854
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.2	70.8
101	0.0	7.2	10.8#
130	3.0	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:	136	Resp:	399751
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.5	4.9	7.3#
68	5.2	4.1	6.1

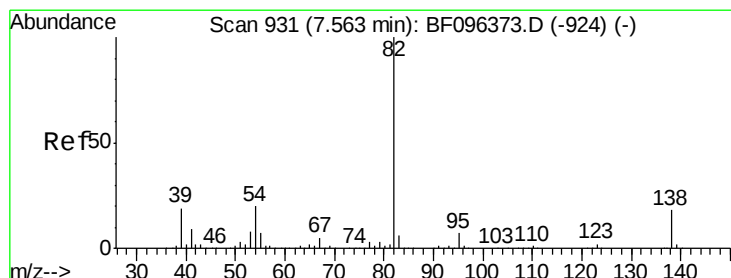
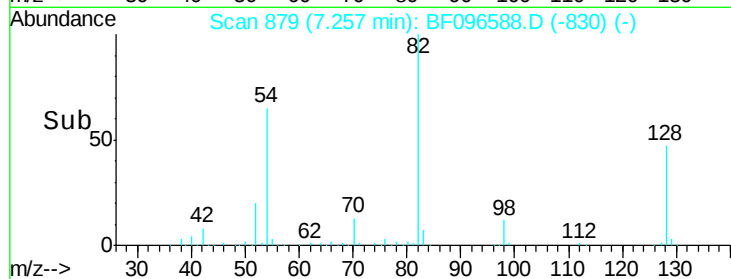
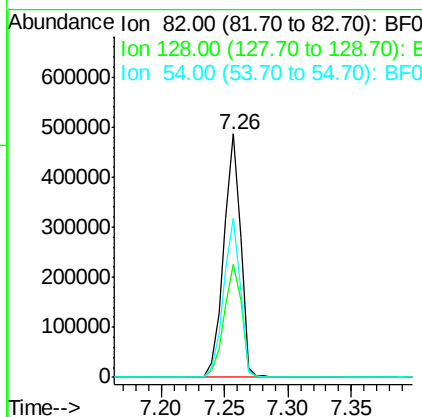
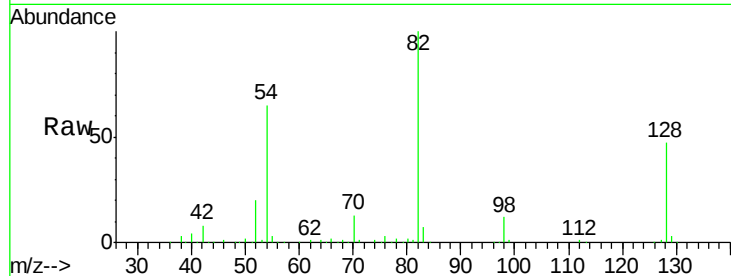




#23
Nitrobenzene-d5
Concen: 67.79 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

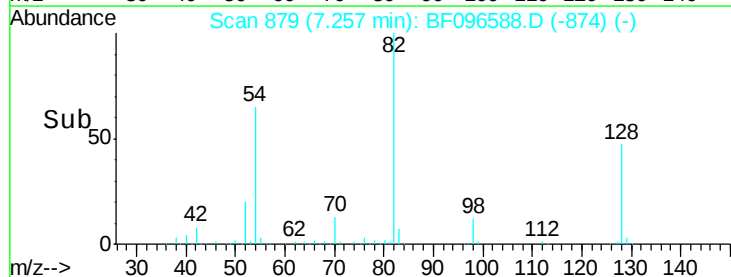
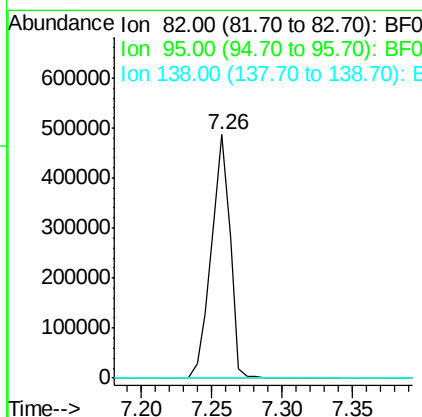
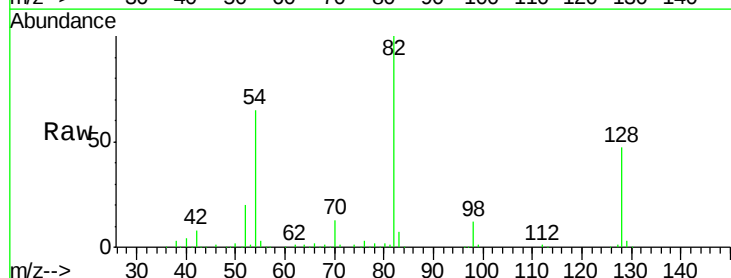
Instrument :
BNA_F
ClientSampleId :

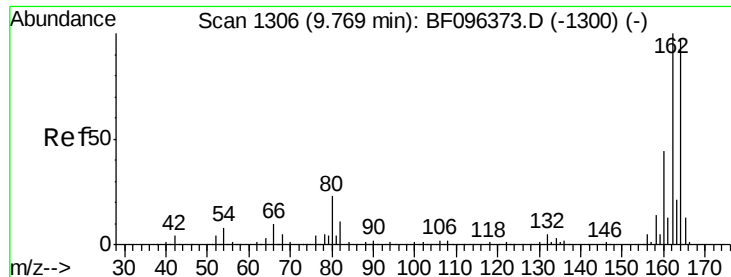
Tot Ion: 82 Resp: 450954
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 65.2 42.2 63.2#



#25
Isophorone
Concen: 34.67 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion: 82 Resp: 447159
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096588.D

Acq: 8 Jul 2017 4:47

Instrument :

BNA_F

ClientSampleId :

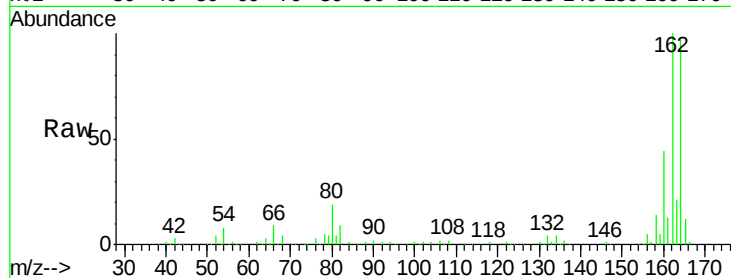
Tot Ion:164 Resp: 153300

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

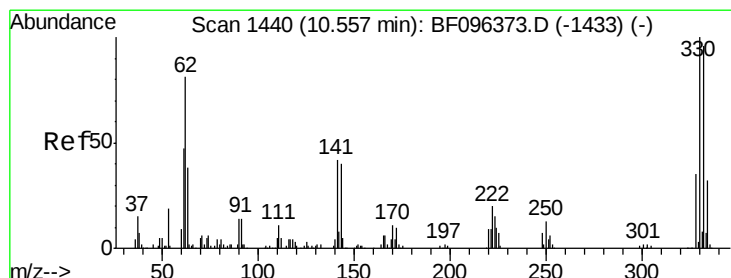
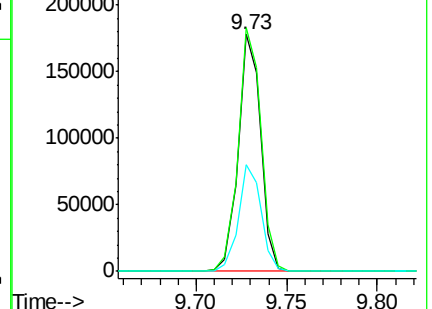
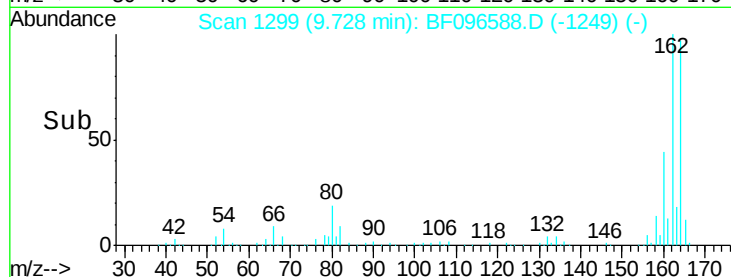
160 45.1 36.2 54.2



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: 106.90 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096588.D

Acq: 8 Jul 2017 4:47

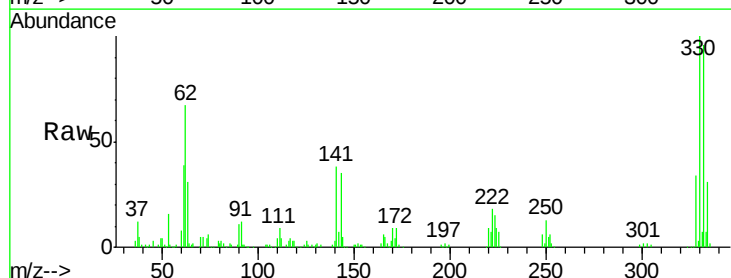
Tgt Ion:330 Resp: 128007

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

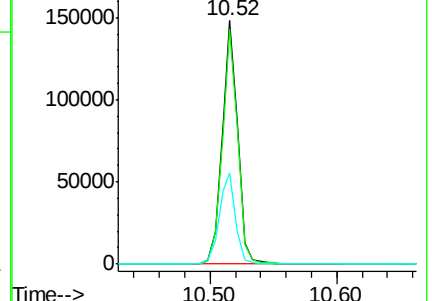
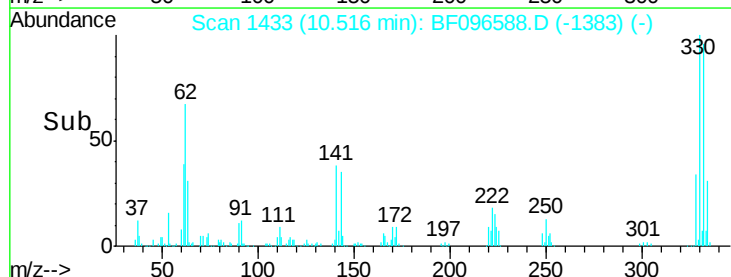
141 38.7 31.4 47.2

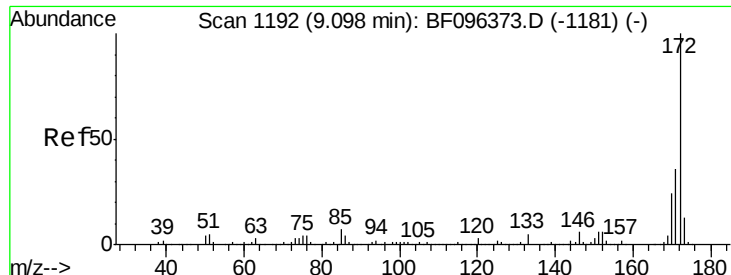


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

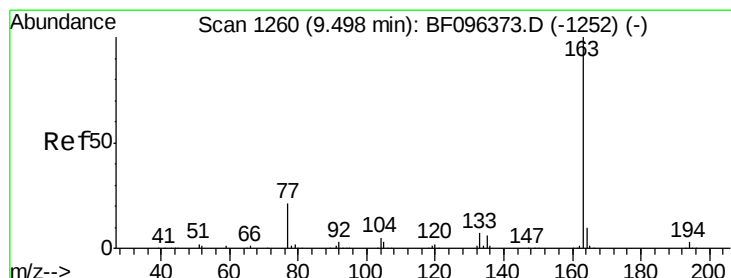
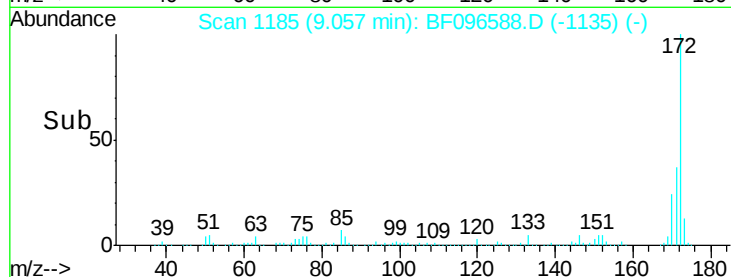
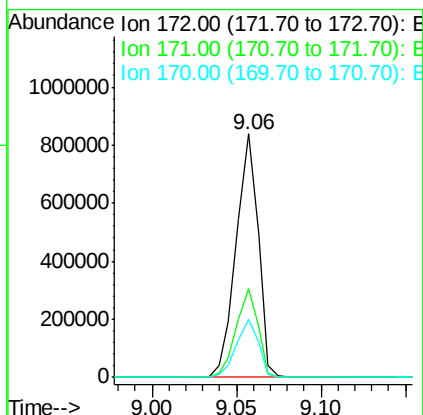
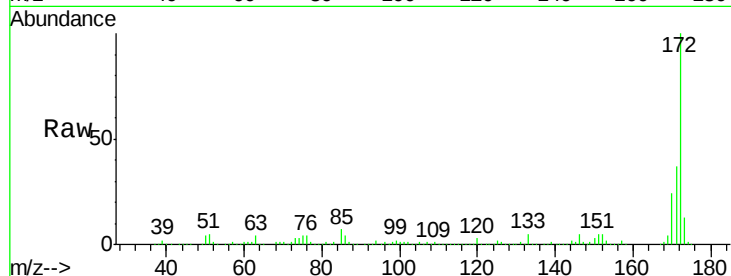




#44
2-Fluorobiphenyl
Concen: 85.25 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

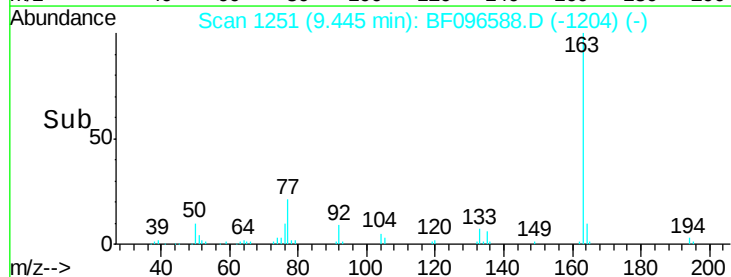
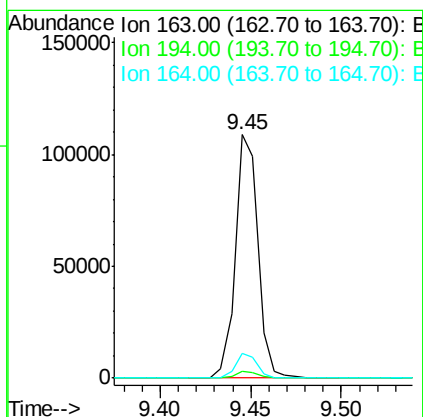
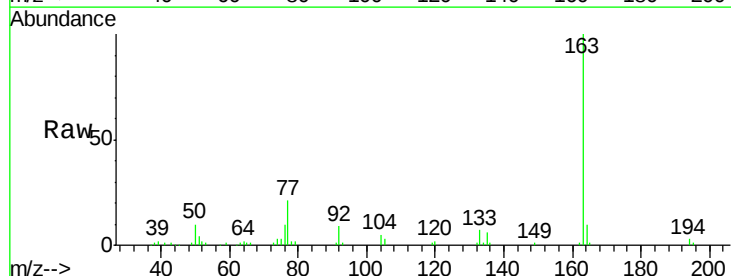
Instrument :
BNA_F
ClientSampleId :

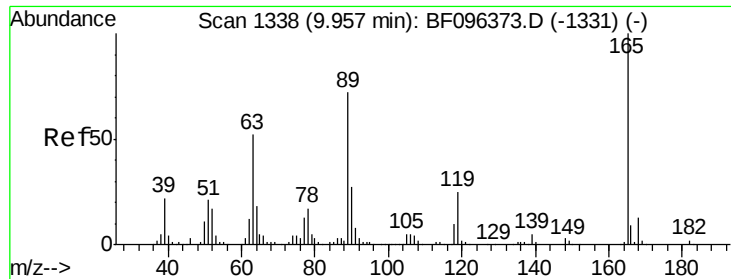
Tot Ion:172 Resp: 764396
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 8.24 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:163 Resp: 94262
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.1 8.4 12.6

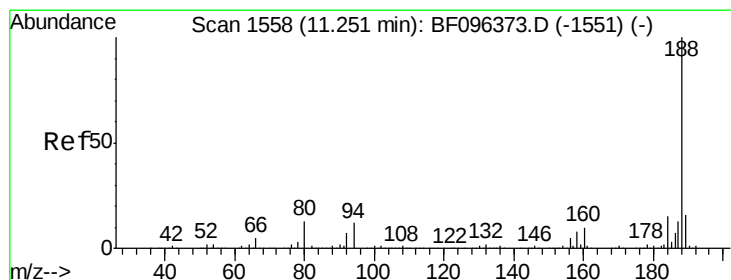
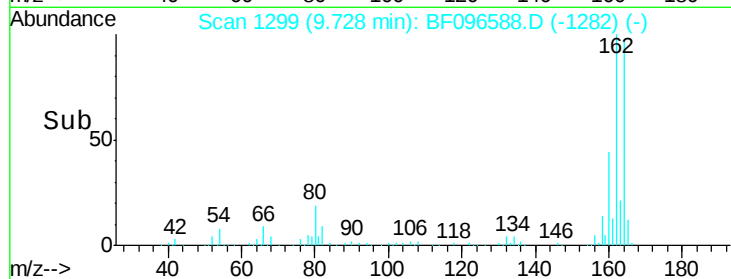
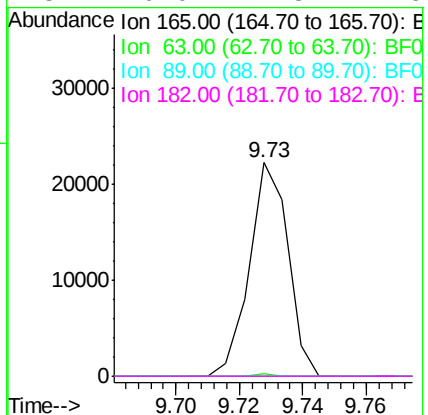
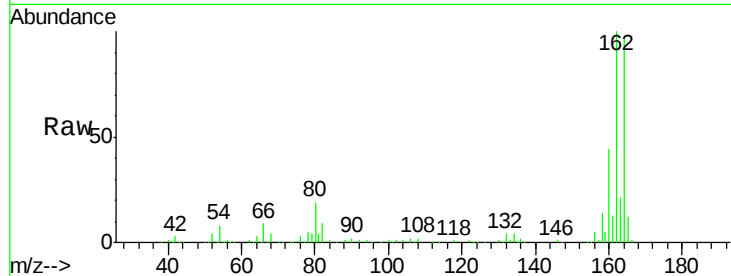




#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096588.D
 Acq: 8 Jul 2017 4:47

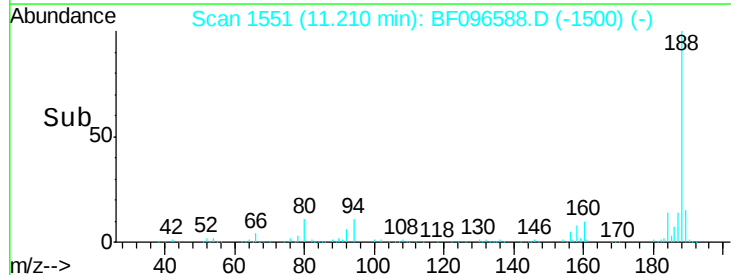
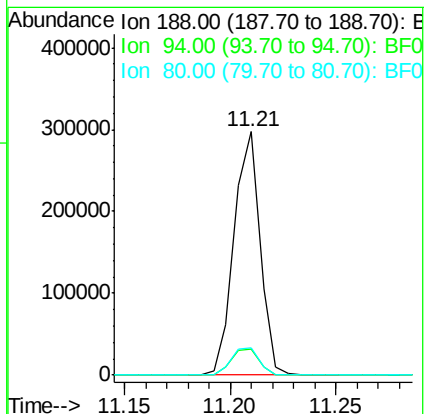
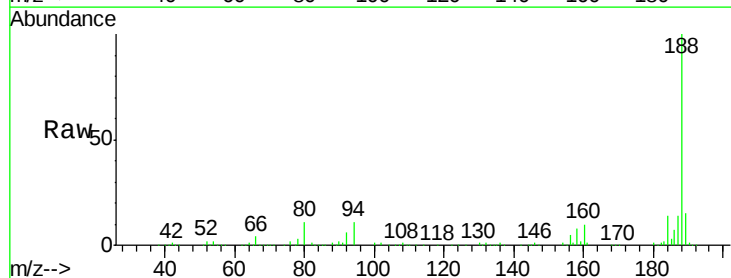
Instrument :
 BNA_F
 ClientSampleId :

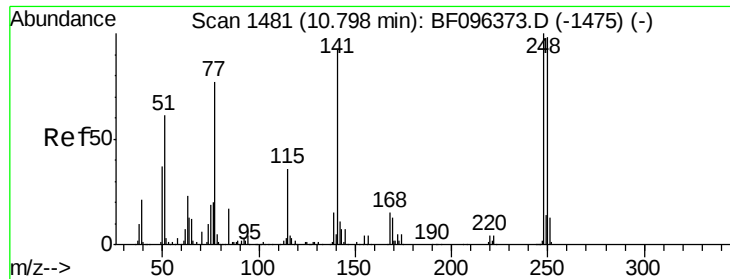
Tot Ion:165 Resp: 18770
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF096588.D
 Acq: 8 Jul 2017 4:47

Tgt Ion:188 Resp: 253447
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.0 10.2 15.2

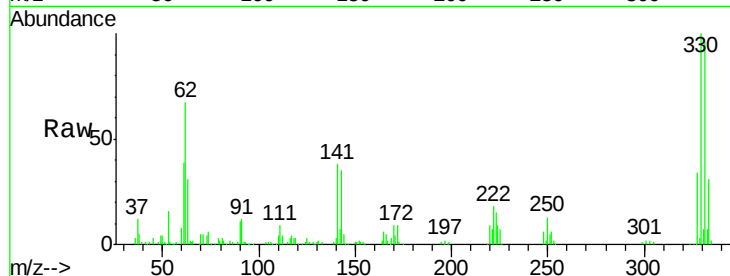




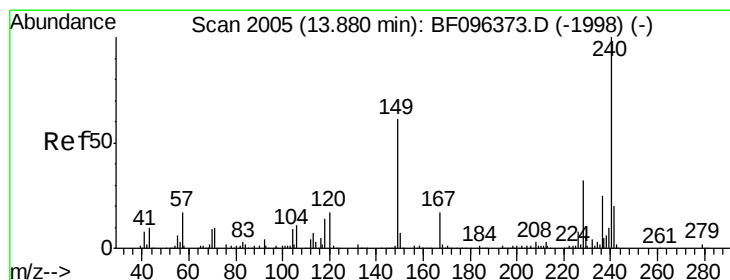
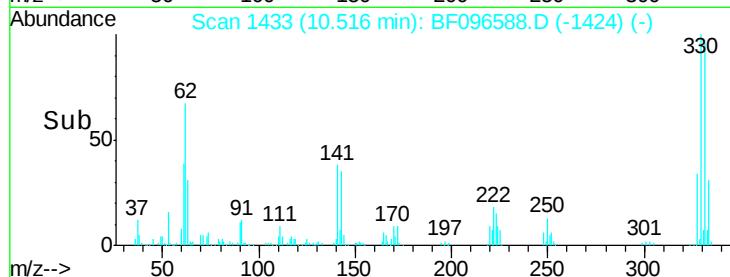
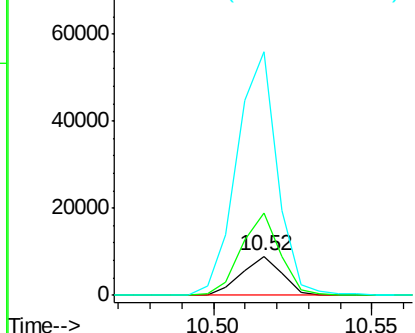
#66
 4-Bromophenyl-phenylether
 Concen: 3.22 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF096588.D
 Acq: 8 Jul 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7941
 Ion Ratio Lower Upper
 248 100
 250 209.6 76.8 115.2#
 141 620.5 68.6 103.0#

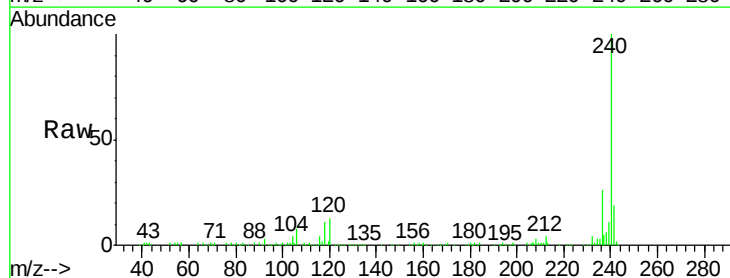


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

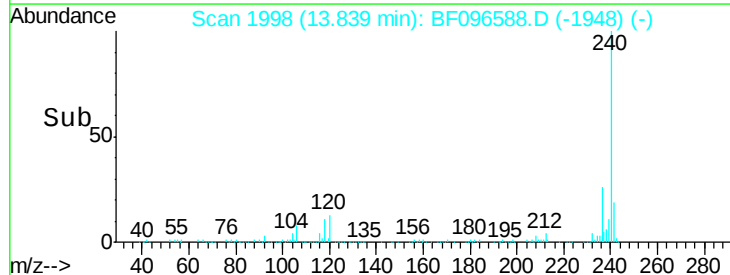
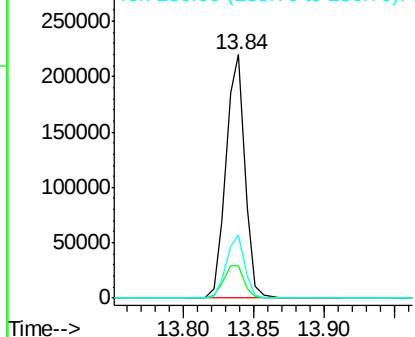


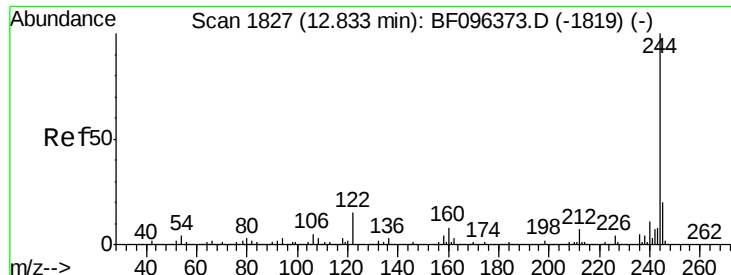
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF096588.D
 Acq: 8 Jul 2017 4:47

Tgt Ion:240 Resp: 205482
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 26.0 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

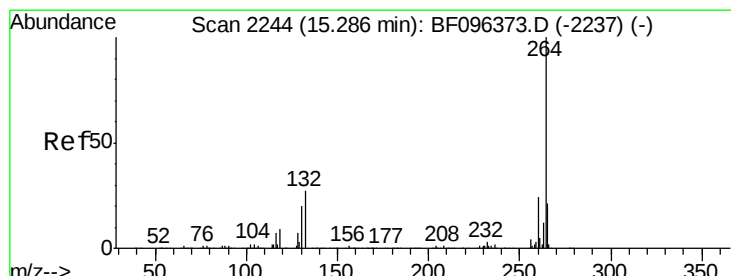
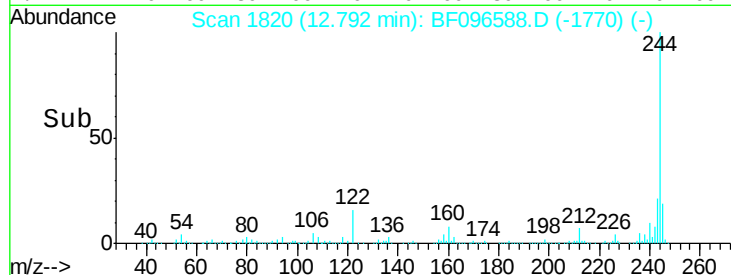
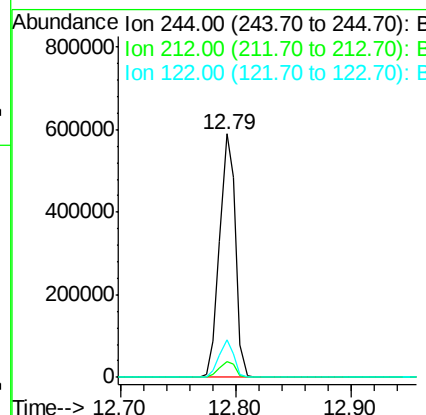
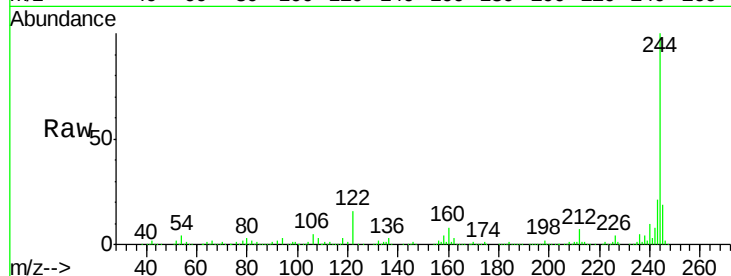




#78
 Terphenyl-d14
 Concen: 58.36 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096588.D
 Acq: 8 Jul 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 561213
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 15.6 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF096588.D
 Acq: 8 Jul 2017 4:47

Tgt Ion:264 Resp: 138871
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.5 17.2 25.8

