

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
 Data File : BF096548.D
 Acq On : 6 Jul 2017 22:05
 Operator : SJ/MA
 Sample : I3972-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:25:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

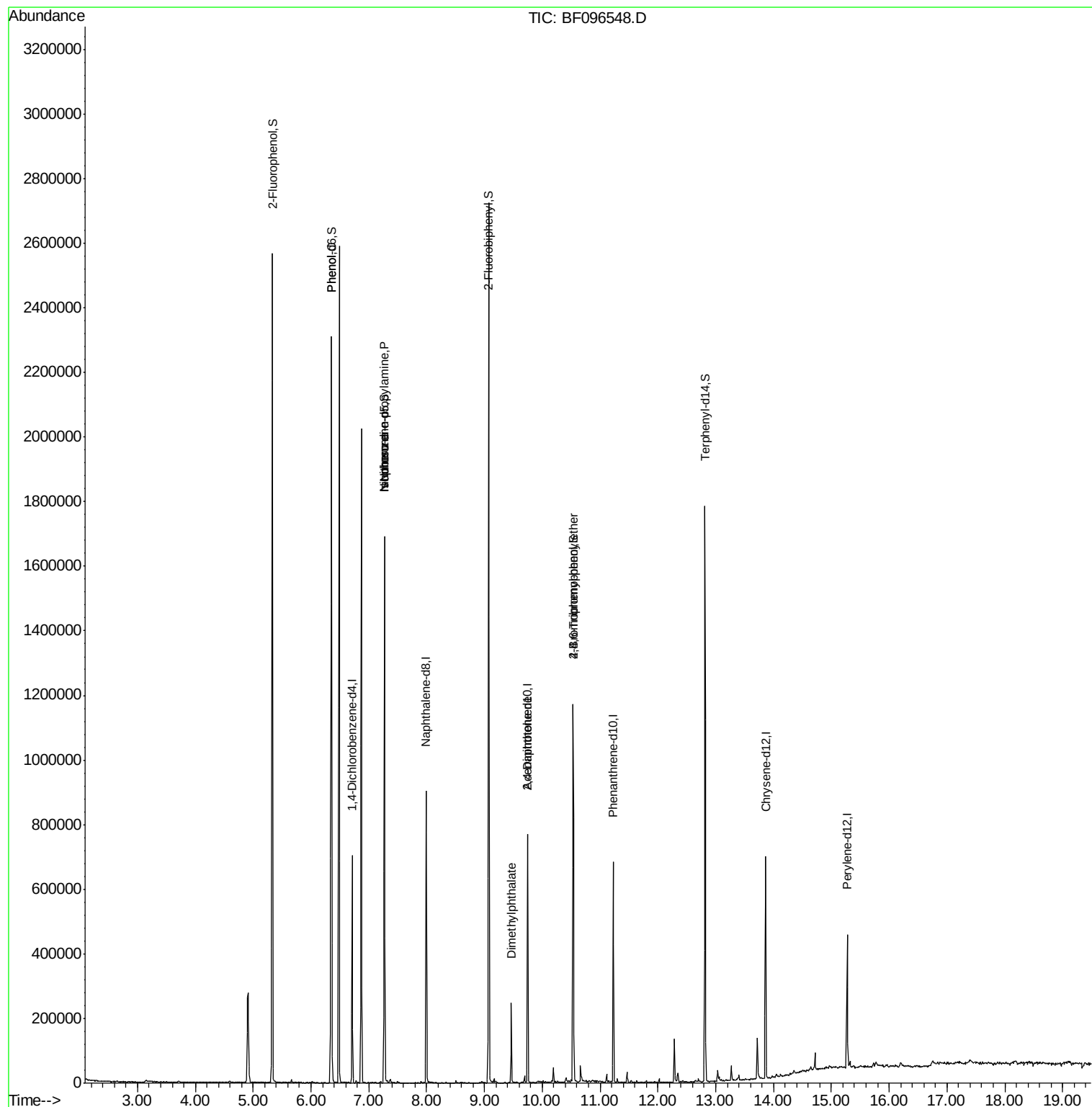
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	104710	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	414981	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	158072	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	224084	20.00	ng	0.00
75) Chrysene-d12	13.86	240	219540	20.00	ng	0.00
86) Perylene-d12	15.27	264	171000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	733795	103.43	ng	0.01
7) Phenol-d6	6.36	99	869883	99.74	ng	0.00
23) Nitrobenzene-d5	7.27	82	493567	71.47	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	128953	104.44	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	842334	91.11	ng	0.00
78) Terphenyl-d14	12.82	244	542392	52.79	ng	0.00
Target Compounds						
10) Phenol	6.36	94	29501	2.97	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	64557	12.42	ng	# 89
25) Isophorone	7.27	82	490426	36.63	ng	# 67
49) Dimethylphthalate	9.46	163	98208	8.32	ng	99
56) 2,4-Dinitrotoluene	9.75	165	20529	6.21	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	8155	3.74	ng	# 1

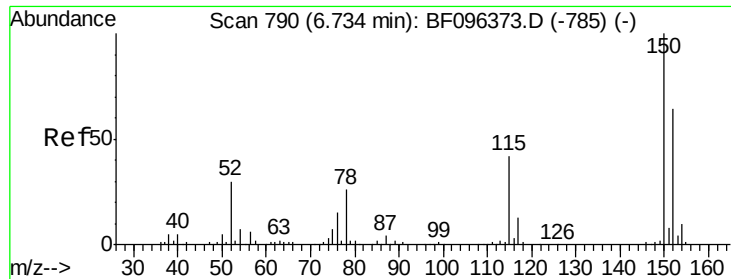
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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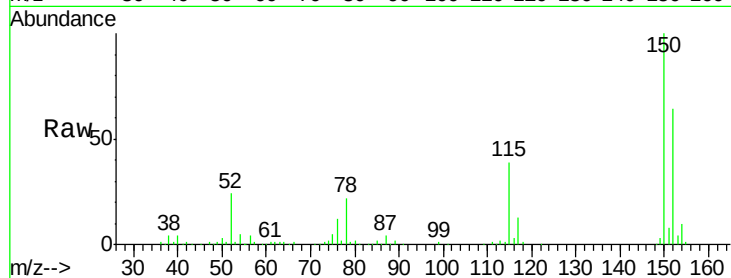


#1

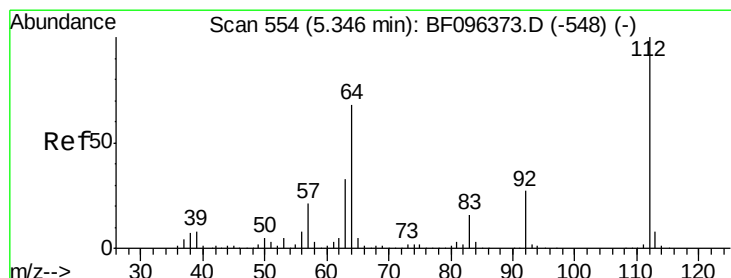
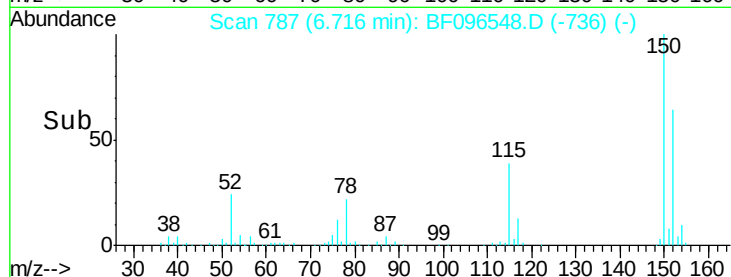
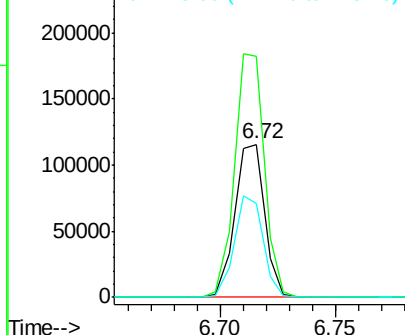
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104710
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 60.9 52.2 78.2



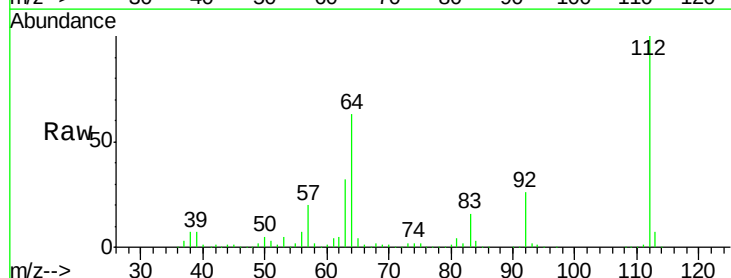
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



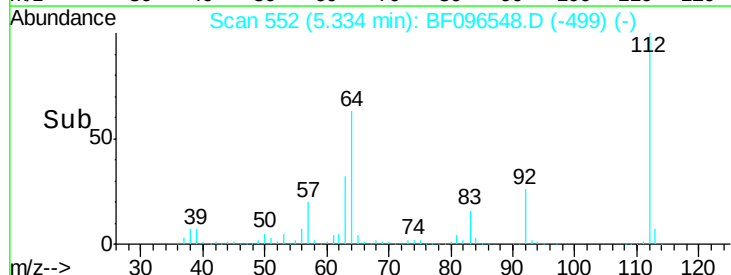
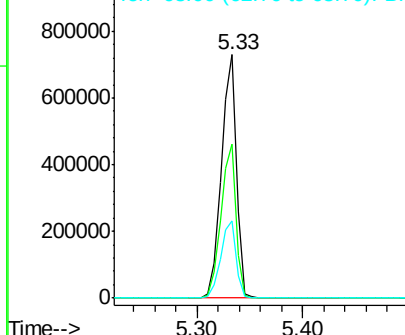
#5

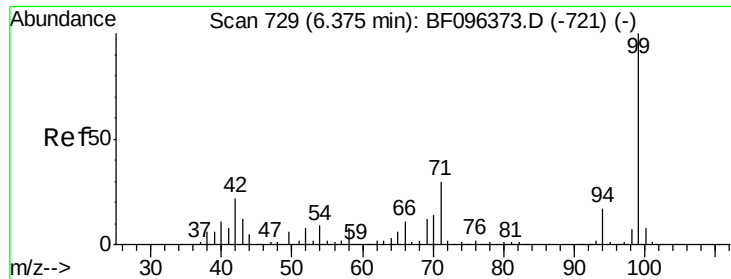
2-Fluorophenol
Concen: 103.43 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion:112 Resp: 733795
Ion Ratio Lower Upper
112 100
64 63.2 46.0 69.0
63 31.7 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: 99.74 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096548.D

Acq: 6 Jul 2017 22:05

Instrument :

BNA_F

ClientSampled :

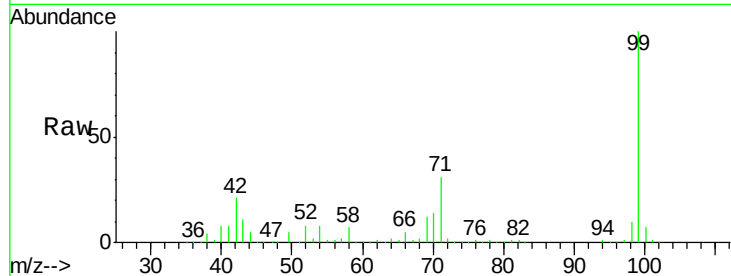
Tot Ion: 99 Resp: 869883

Ion Ratio Lower Upper

99 100

42 20.7 13.5 20.3#

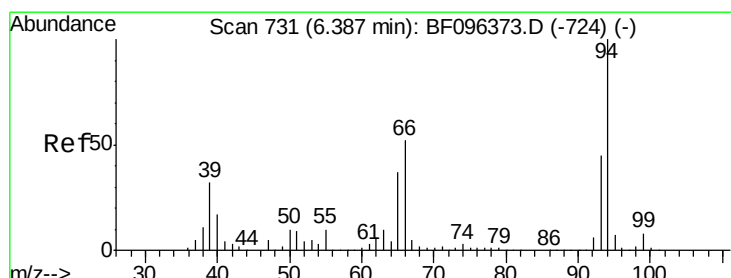
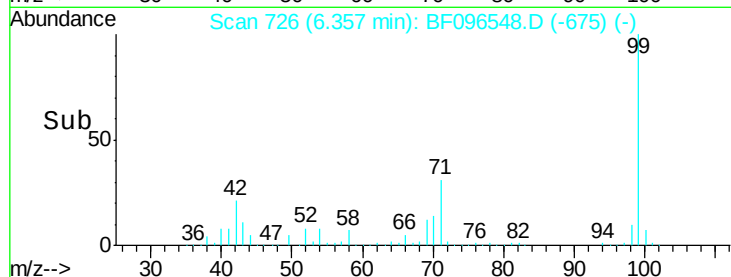
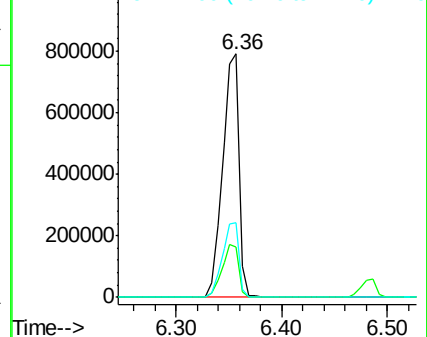
71 30.9 24.5 36.7



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: 2.97 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096548.D

Acq: 6 Jul 2017 22:05

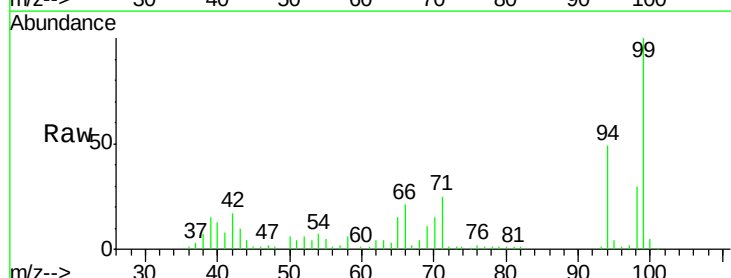
Tgt Ion: 94 Resp: 29501

Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

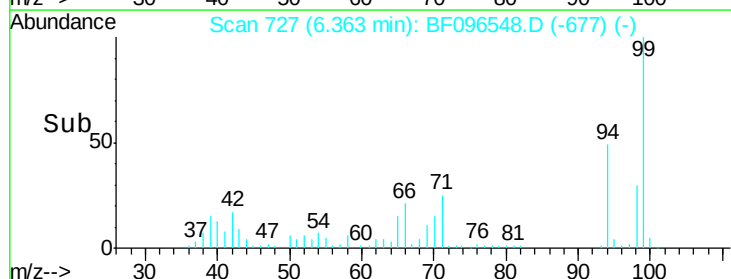
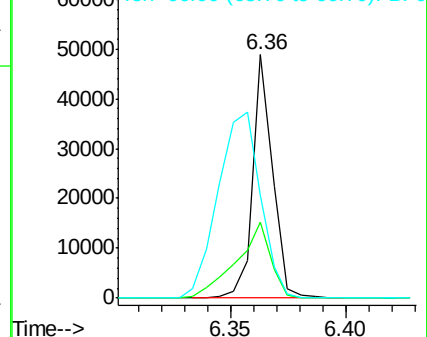
66 42.2 23.1 63.1

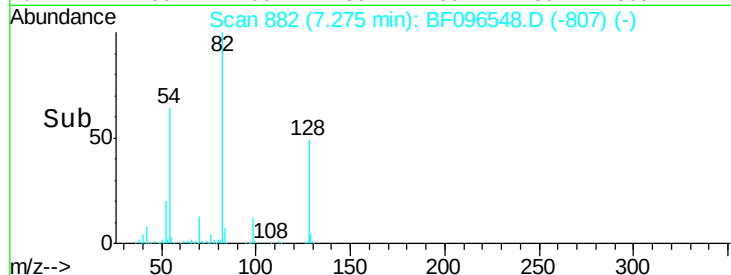
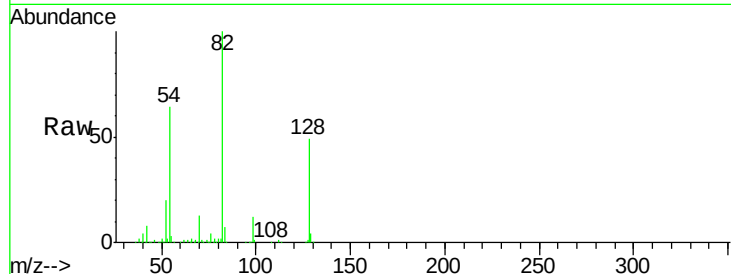
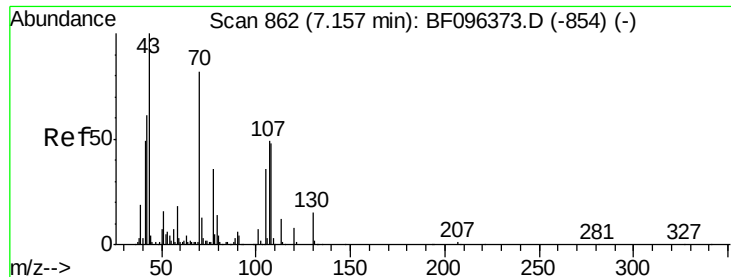


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

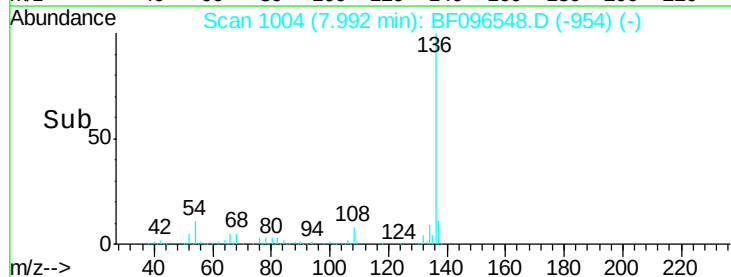
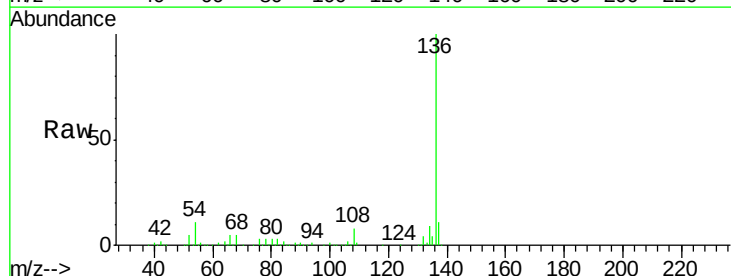
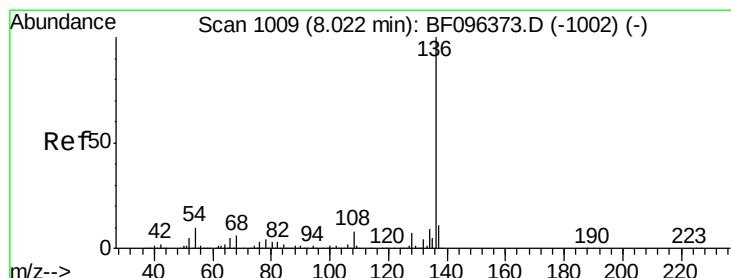
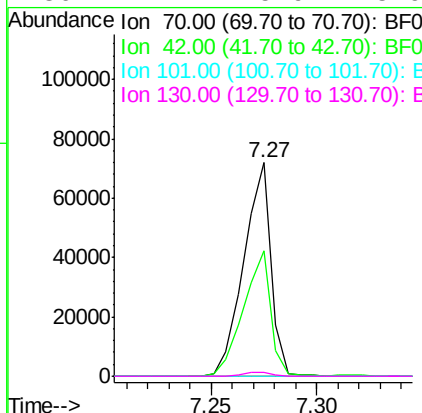




#19
n-Nitroso-di-n-propylamine
Concen: 12.42 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

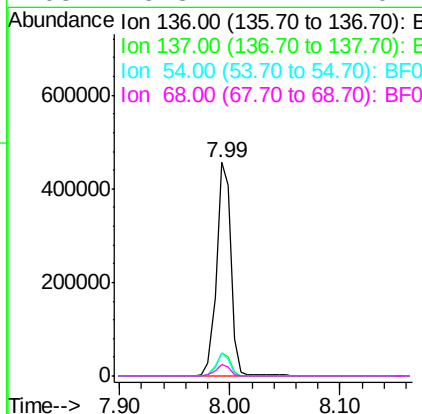
Instrument :
BNA_F
ClientSampleId :

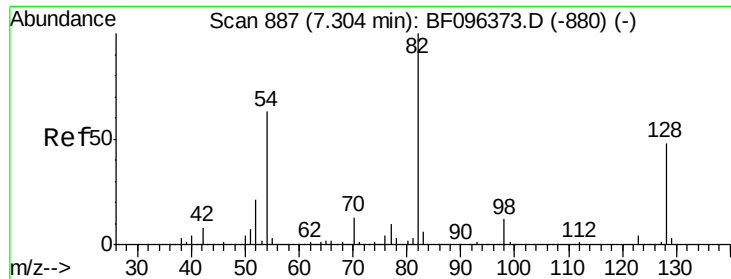
Tot Ion: 70 Resp: 64557
Ion Ratio Lower Upper
70 100
42 59.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion: 136 Resp: 414981
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.6 4.9 7.3#
68 5.3 4.1 6.1

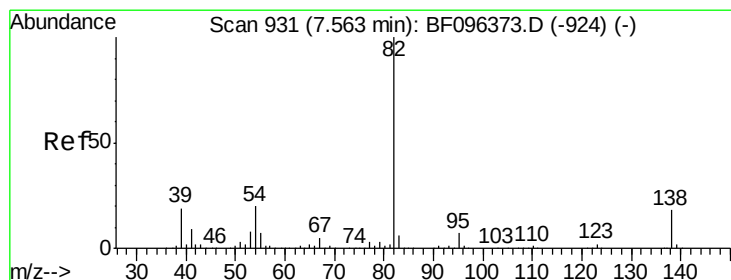
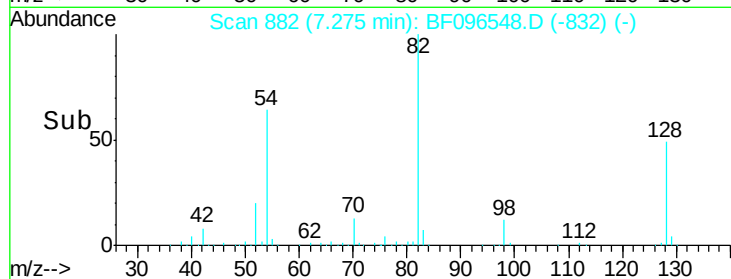
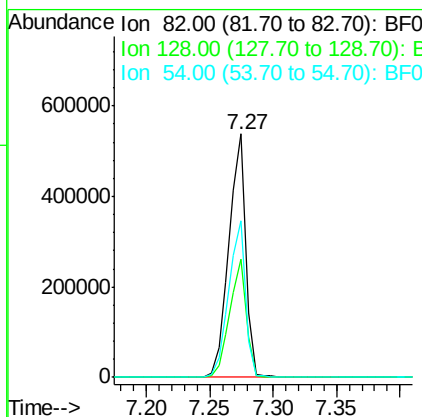
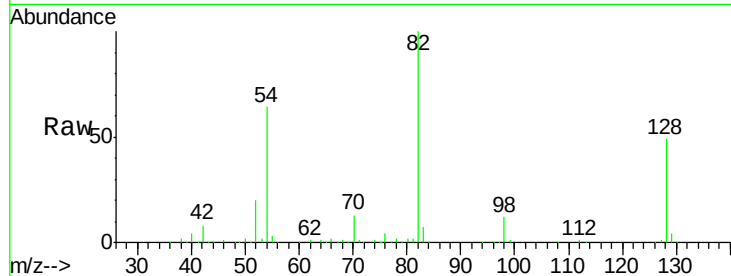




#23
 Nitrobenzene-d5
 Concen: 71.47 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

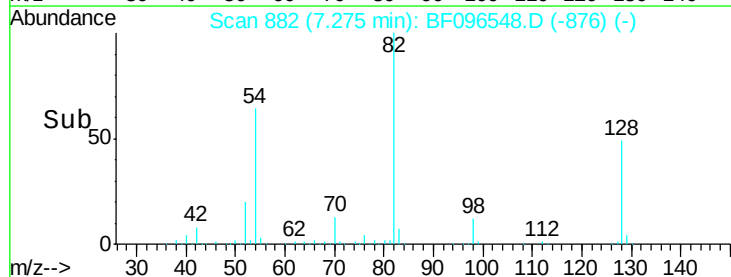
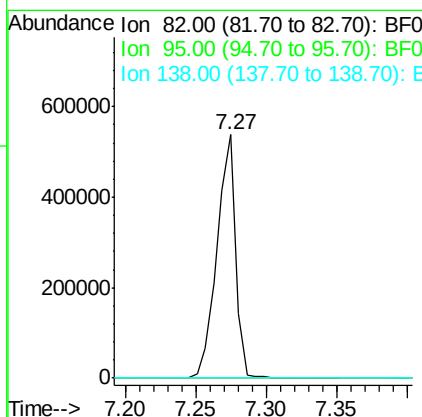
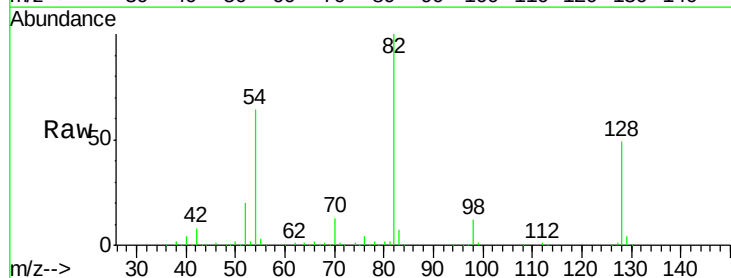
Instrument :
 BNA_F
 ClientSampleId :

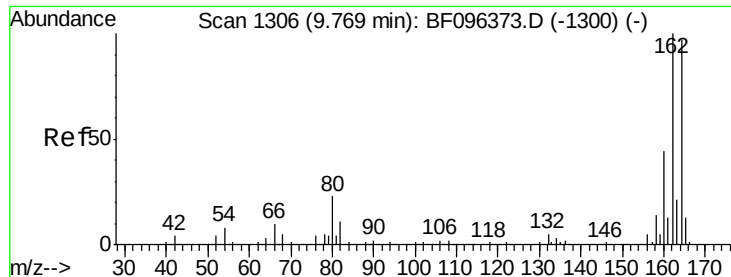
Tot Ion: 82 Resp: 493567
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.0 51.0
 54 64.4 42.2 63.2#



#25
 Isophorone
 Concen: 36.63 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Tgt Ion: 82 Resp: 490426
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

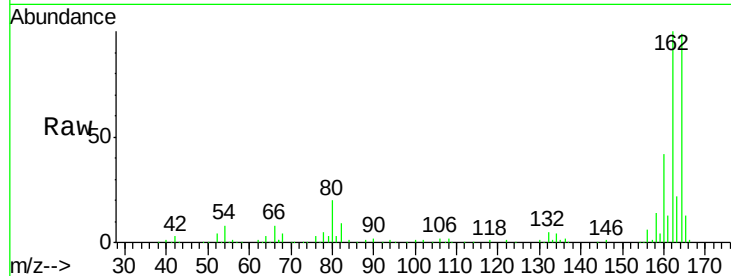




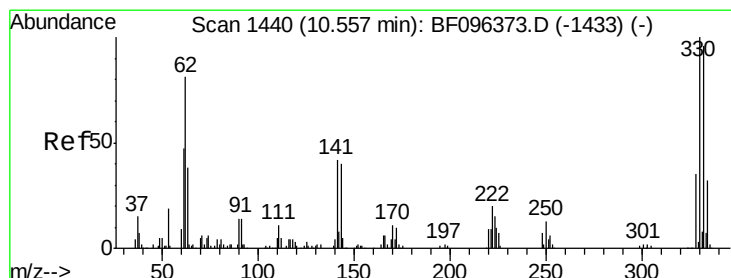
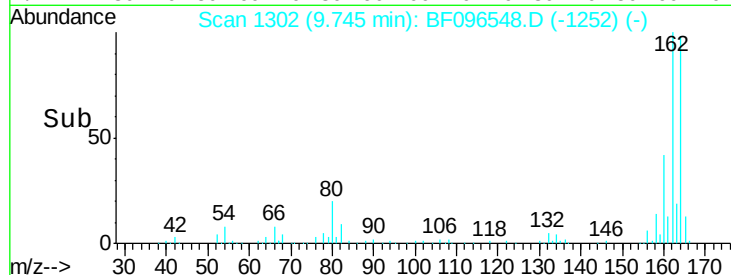
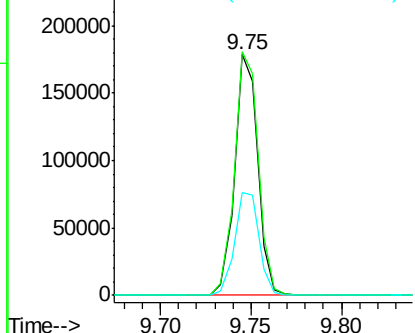
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 158072
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 42.6 36.2 54.2

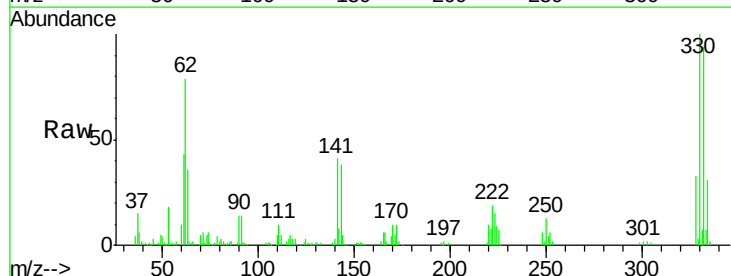


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

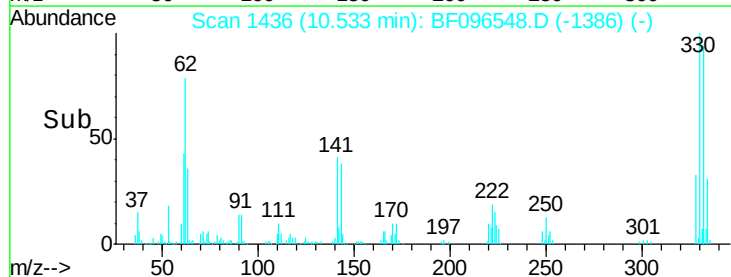
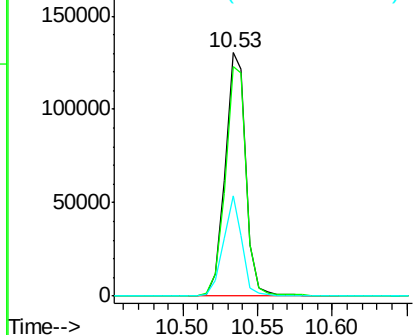


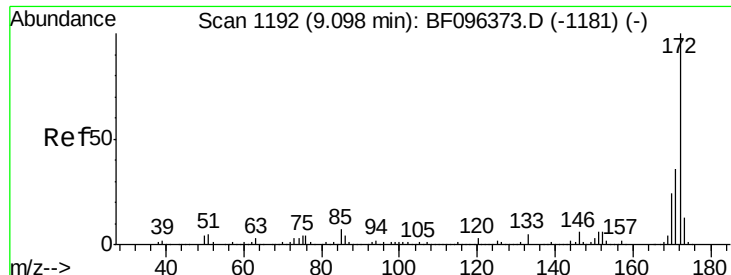
#41
2,4,6-Tribromophenol
Concen: 104.44 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion:330 Resp: 128953
Ion Ratio Lower Upper
330 100
332 95.0 76.6 115.0
141 36.7 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

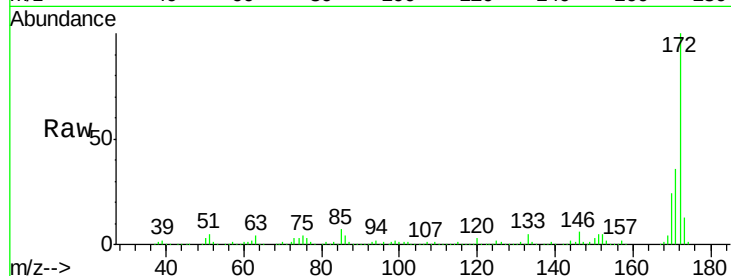




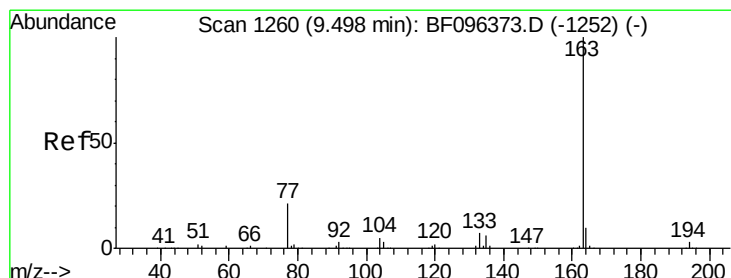
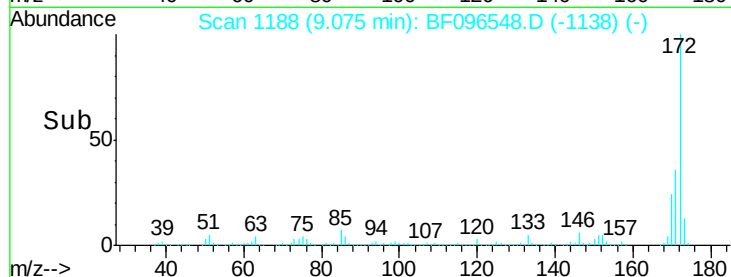
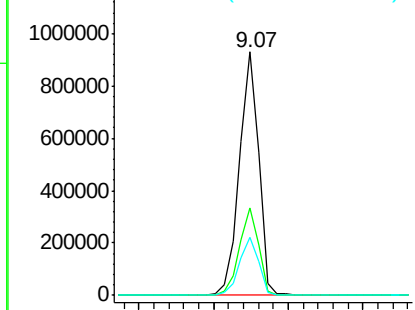
#44
2-Fluorobiphenyl
Concen: 91.11 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 842334
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.0 19.8 29.8

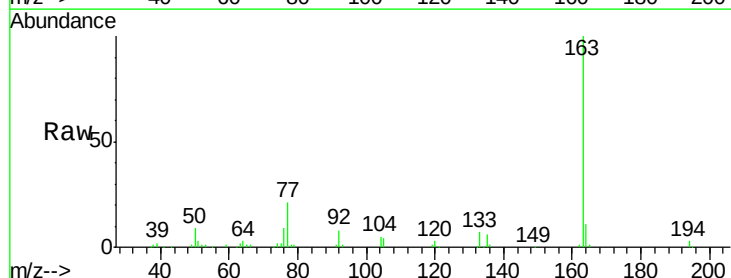


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

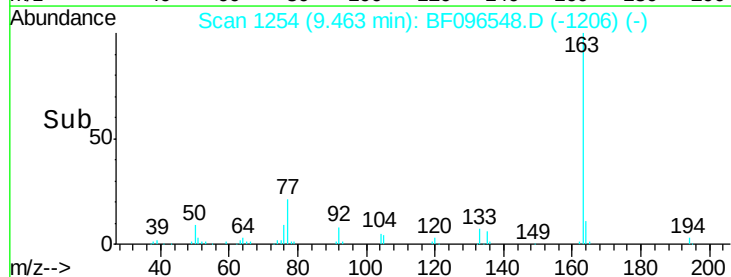
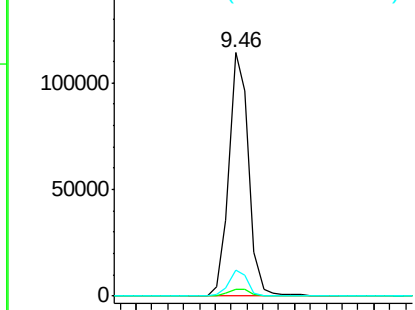


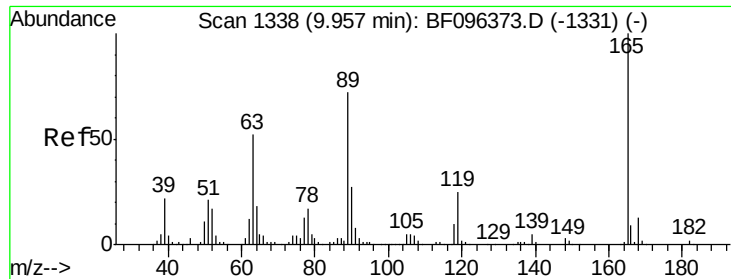
#49
Dimethylphthalate
Concen: 8.32 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion:163 Resp: 98208
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.7 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

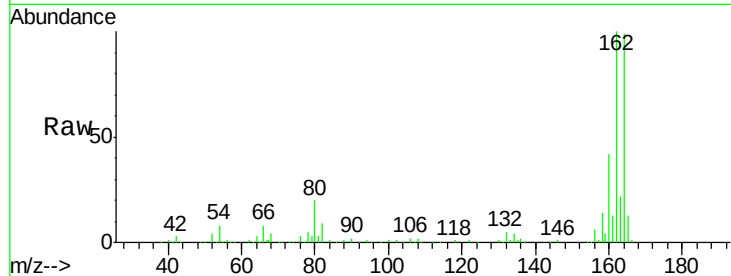




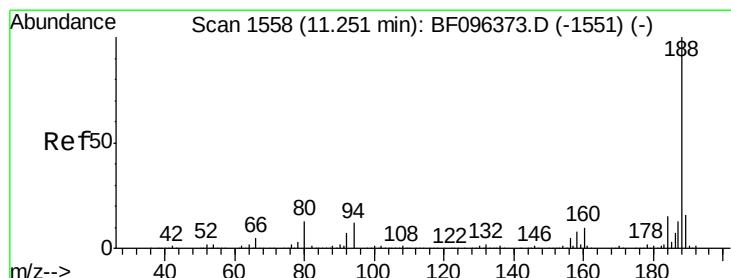
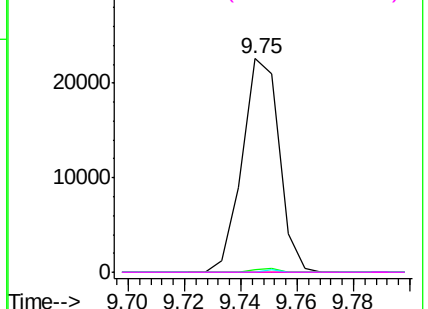
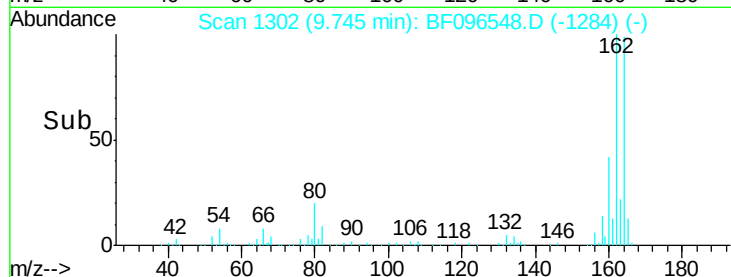
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.19 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 20529
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#

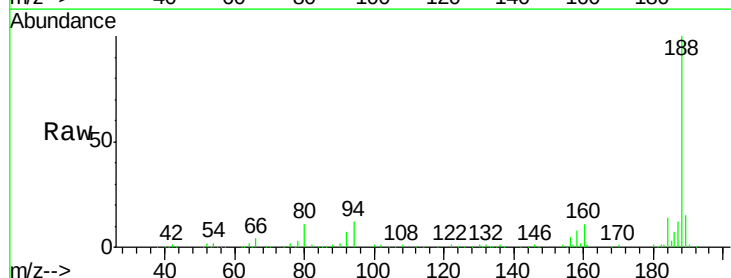


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

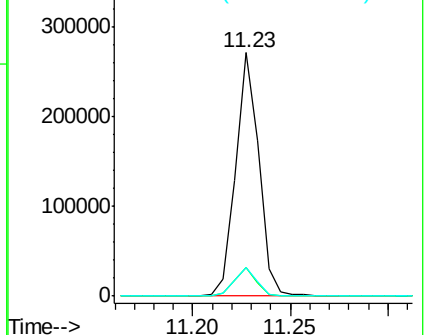
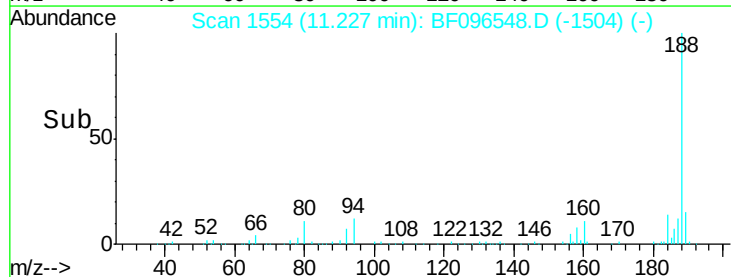


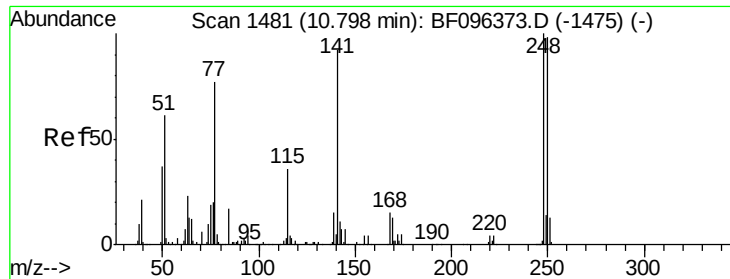
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion:188 Resp: 224084
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

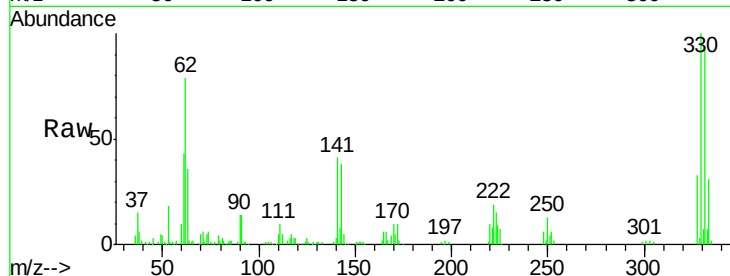




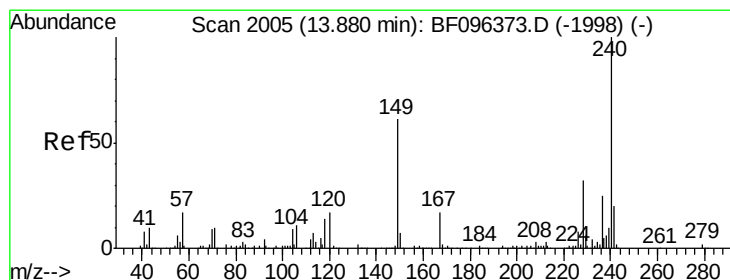
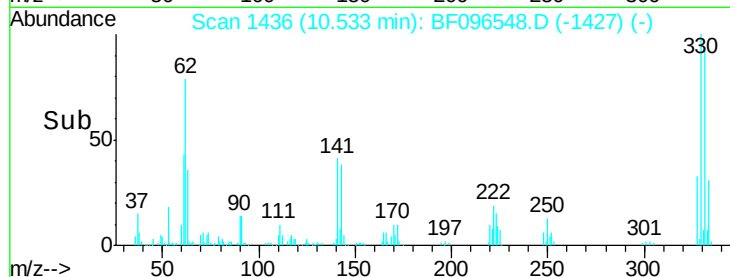
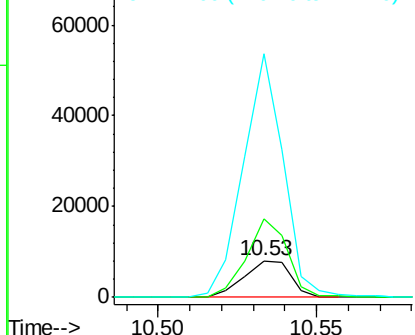
#66
 4-Bromophenyl-phenylether
 Concen: 3.74 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8155
 Ion Ratio Lower Upper
 248 100
 250 216.9 76.8 115.2#
 141 667.6 68.6 103.0#

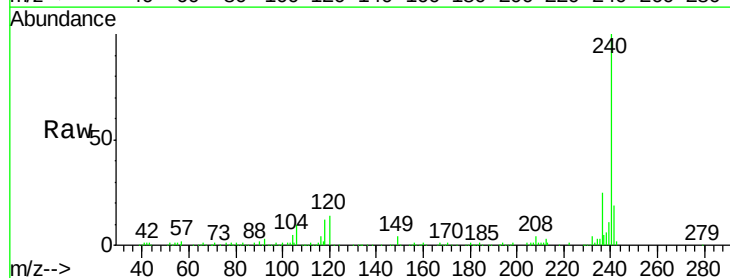


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

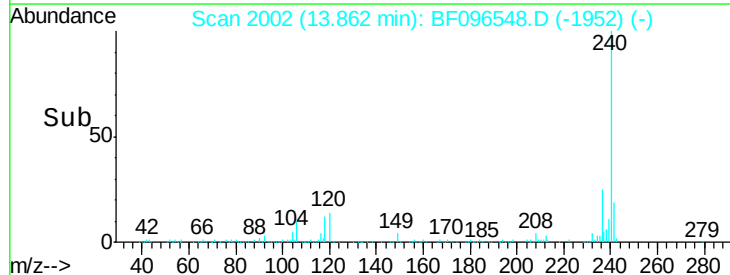
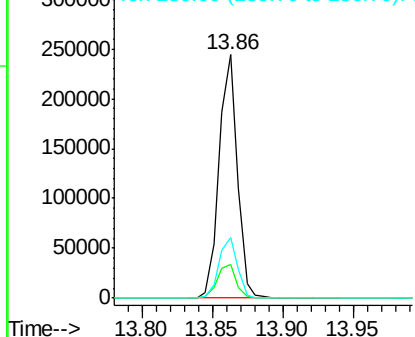


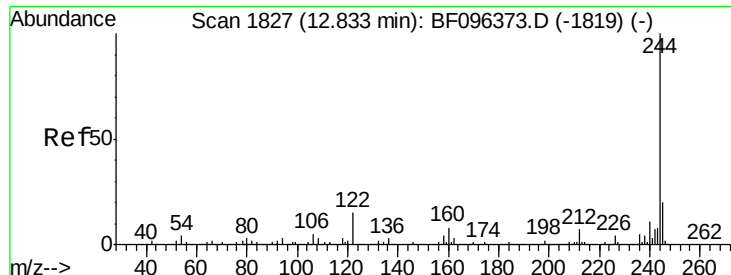
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Tgt Ion:240 Resp: 219540
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.9 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

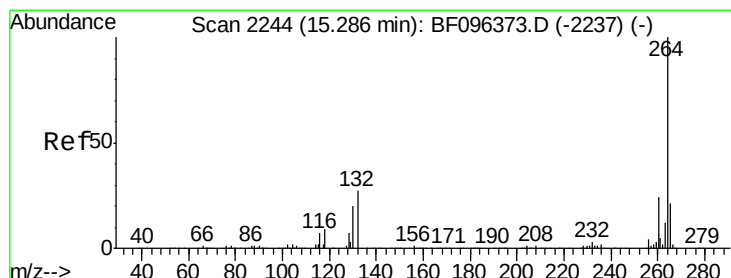
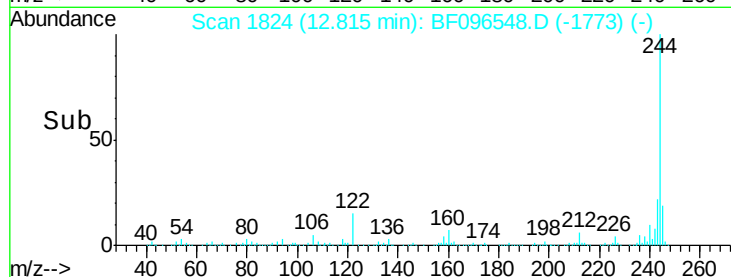
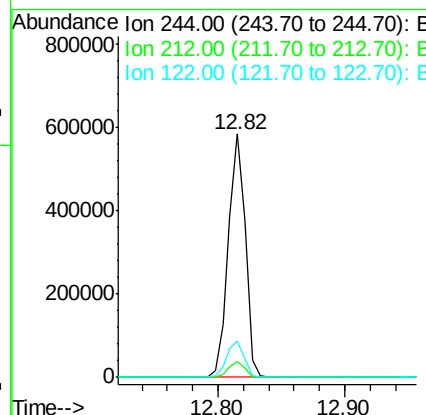
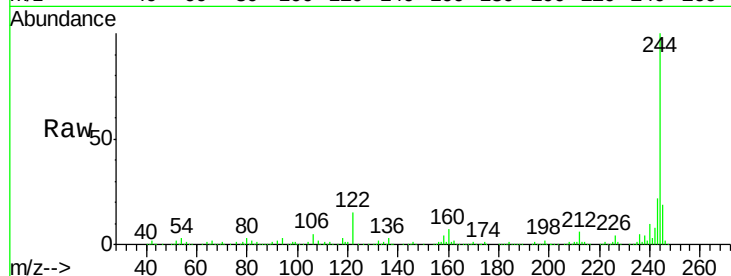




#78
 Terphenyl-d14
 Concen: 52.79 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 542392
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Tgt Ion:264 Resp: 171000
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.9 17.2 25.8

