

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096606.D
 Acq On : 10 Jul 2017 17:39
 Operator : SJ/JU
 Sample : PB100517BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:09:53 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

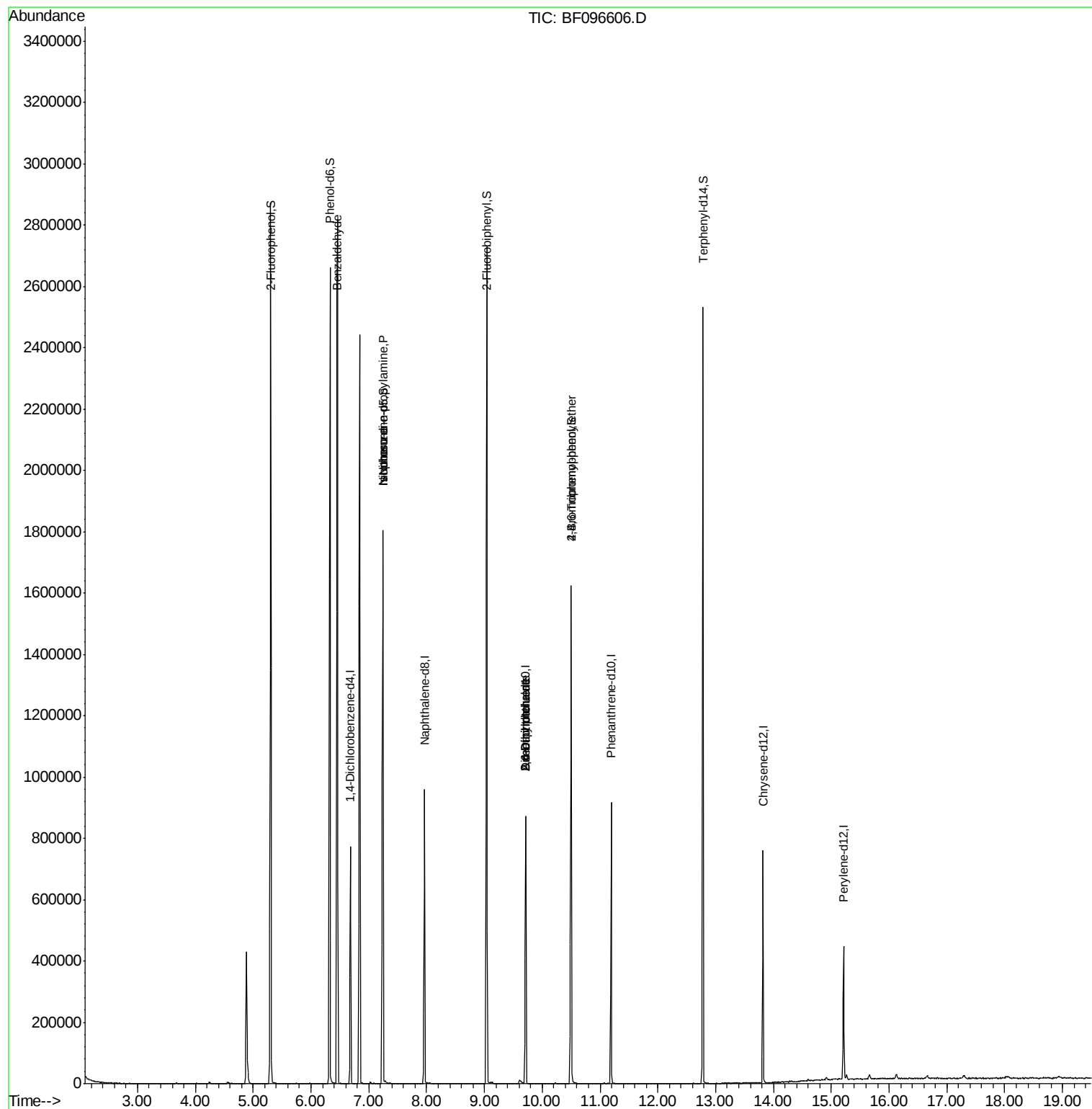
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	106809	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	447789	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	198599	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	343762	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	242206	20.00	ng	-0.03
86) Perylene-d12	15.21	264	177681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	853498	117.94	ng	0.00
7) Phenol-d6	6.33	99	1010235	113.56	ng	-0.02
23) Nitrobenzene-d5	7.25	82	601815	80.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	213342	137.52	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1080569	93.03	ng	-0.02
78) Terphenyl-d14	12.78	244	835802	73.74	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.46	77	16198	2.91	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.25	70	78660	14.84	ng	# 88
25) Isophorone	7.25	82	598861	41.45	ng	# 67
49) Dimethylphthalate	9.72	163	57503	3.88	ng	# 1
50) 2,6-Dinitrotoluene	9.71	165	24792	7.56	ng	# 32
56) 2,4-Dinitrotoluene	9.71	165	24792	5.97	ng	# 32
66) 4-Bromophenyl-phenylether	10.50	248	13012	3.89	ng	# 1

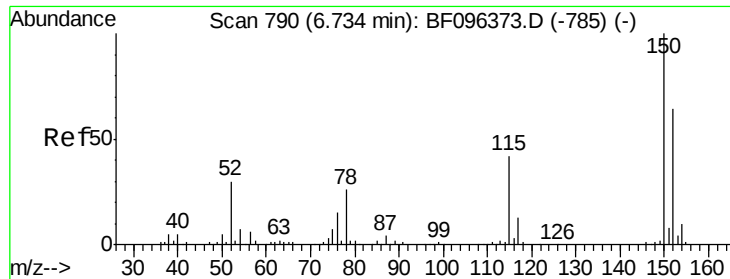
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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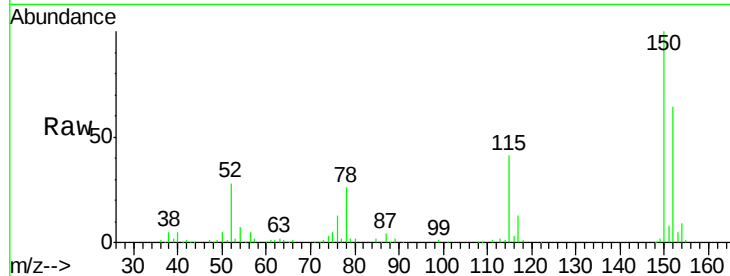


#1

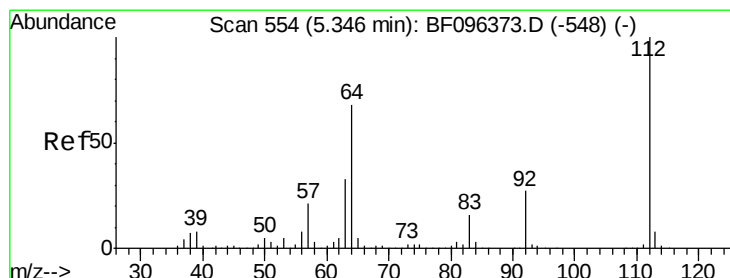
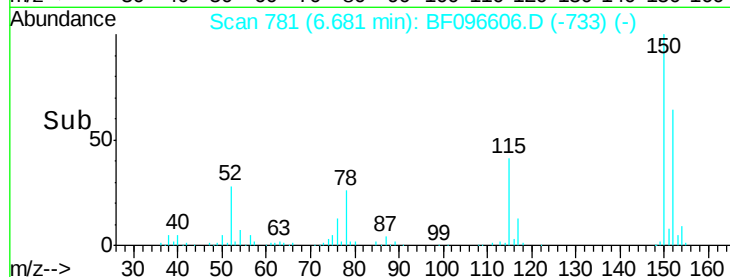
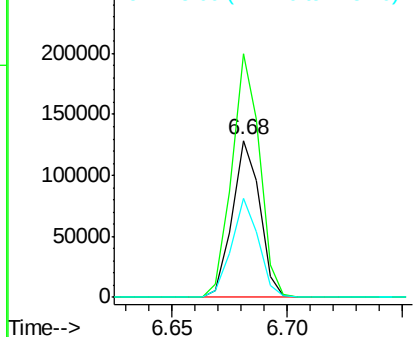
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106809
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 63.4 52.2 78.2



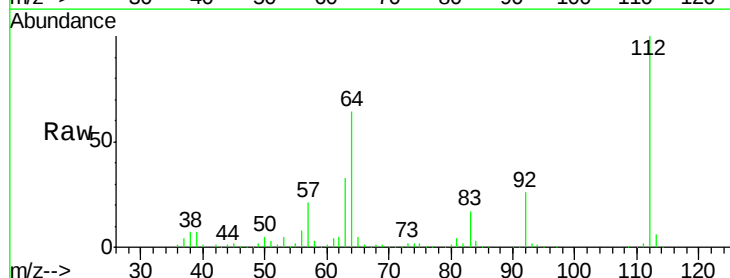
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



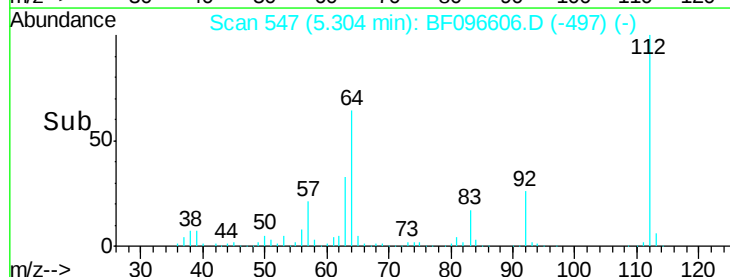
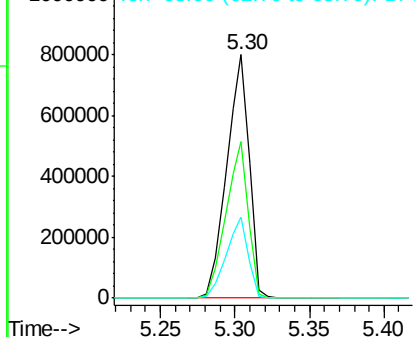
#5

2-Fluorophenol
Concen: 117.94 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:112 Resp: 853498
Ion Ratio Lower Upper
112 100
64 64.5 46.0 69.0
63 33.1 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: 113.56 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

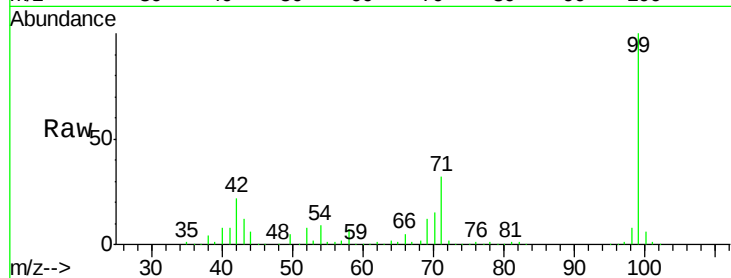
Instrument :

BNA_F

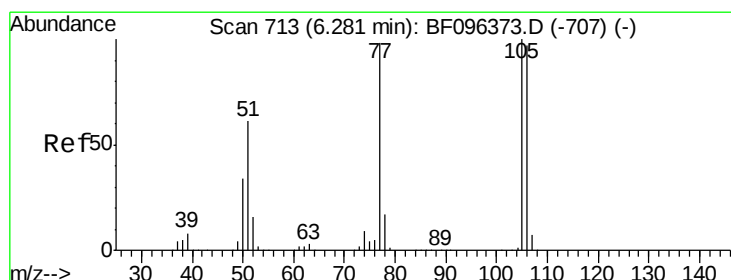
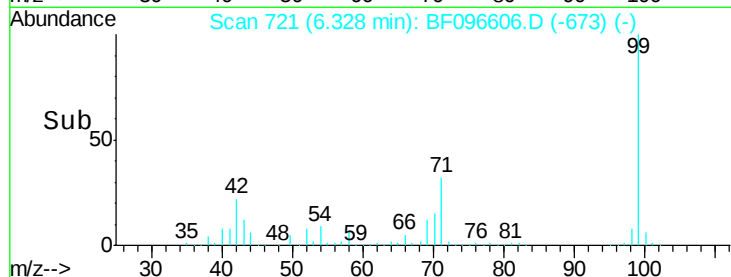
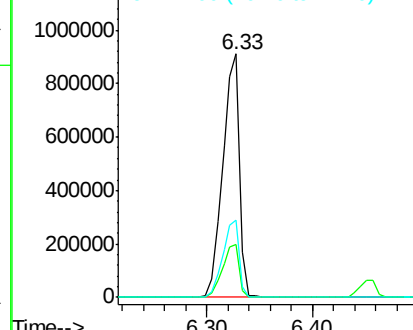
ClientSampleId :

Tot Ion: 99 Resp: 1010235

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.6	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



#9

Benzaldehyde

Concen: 2.91 ng

RT: 6.46 min Scan# 743

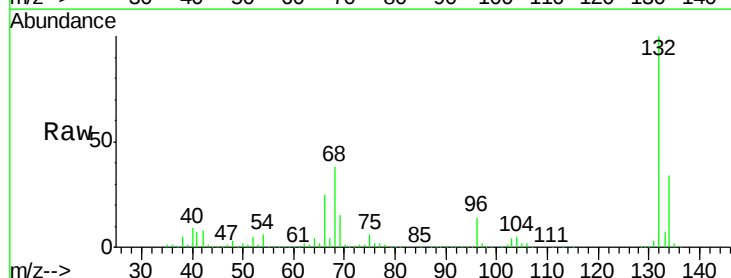
Delta R.T. 0.21 min

Lab File: BF096606.D

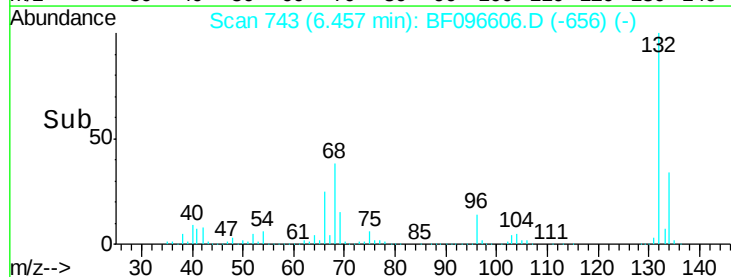
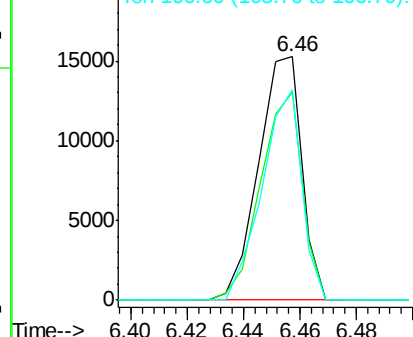
Acq: 10 Jul 2017 17:39

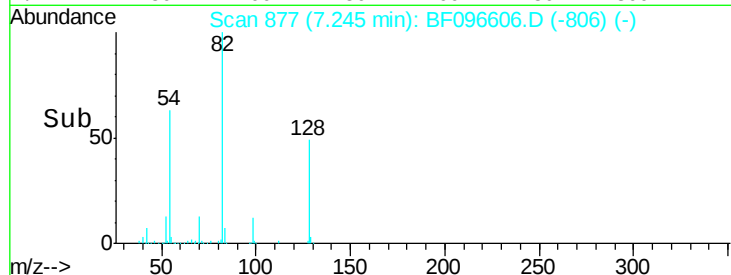
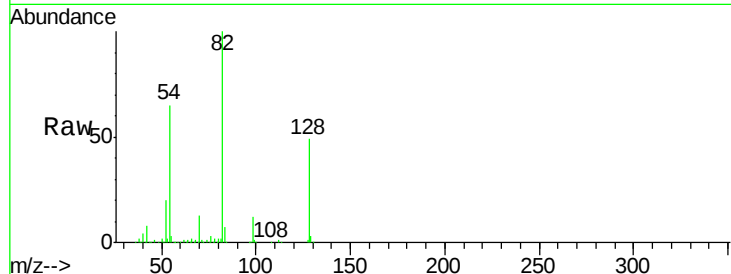
Tgt Ion: 77 Resp: 16198

Ion	Ratio	Lower	Upper
77	100		
105	85.3	83.8	123.8
106	86.6	79.1	119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

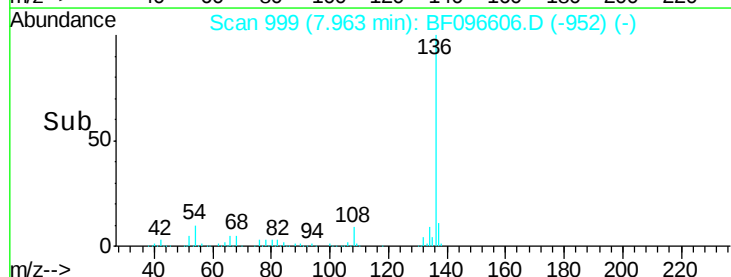
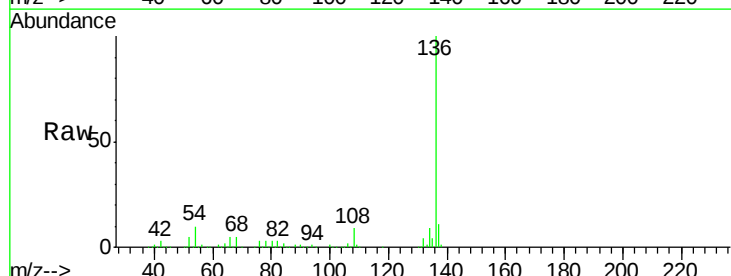
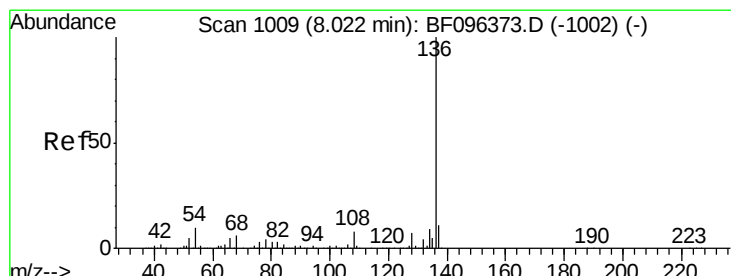
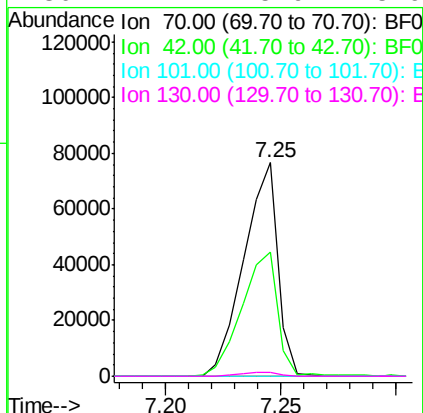




#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

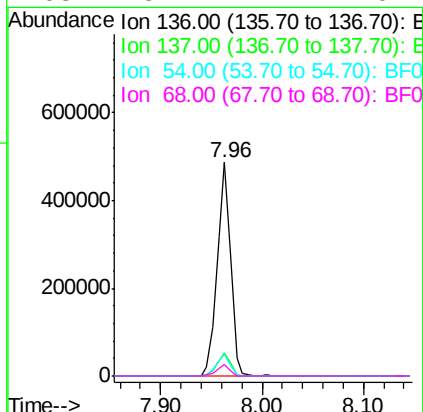
Instrument :
BNA_F
ClientSampled :

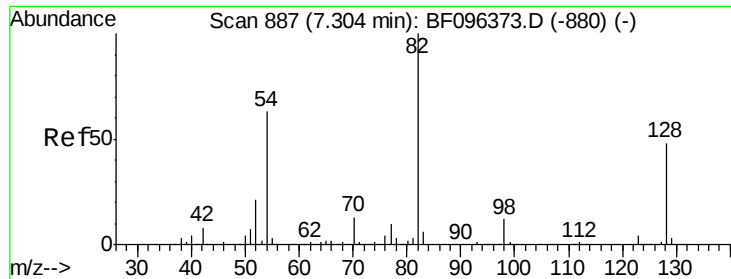
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.4	47.2	70.8	
101	0.0	7.2	10.8	#
130	2.1	15.9	23.9	#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	10.1	4.9	7.3	#
68	5.1	4.1	6.1	

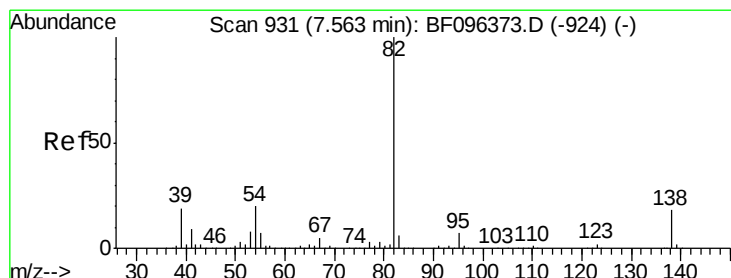
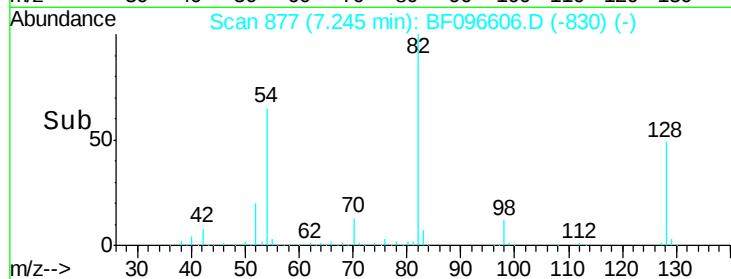
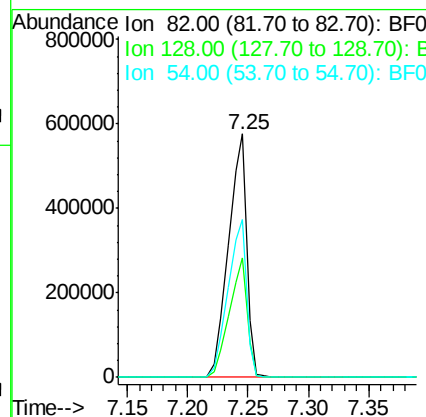
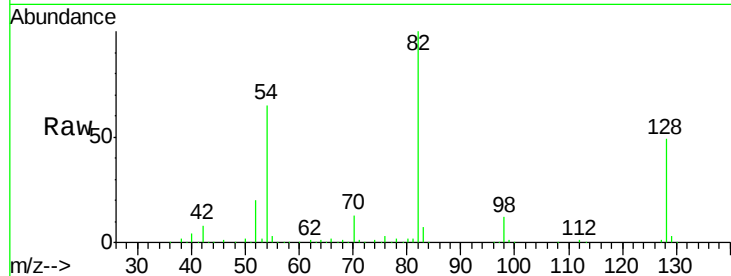




#23
Nitrobenzene-d5
Concen: 80.76 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

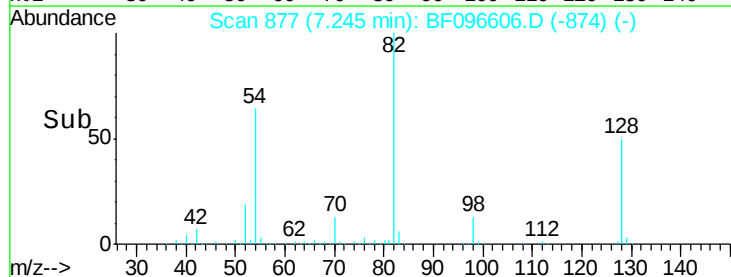
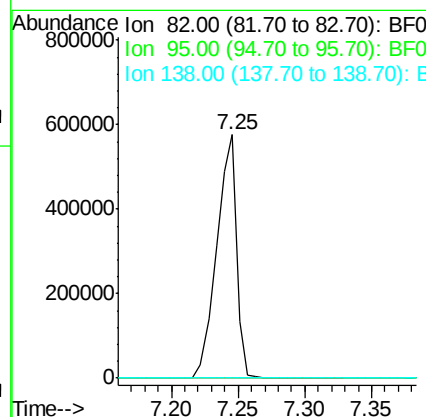
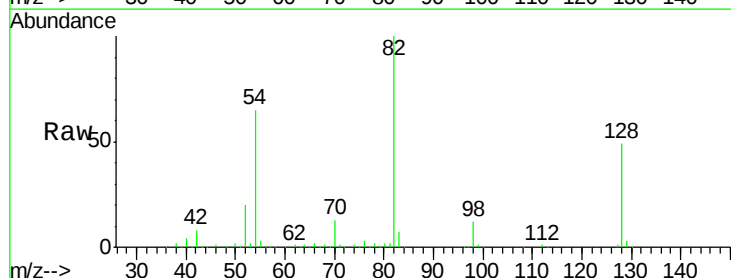
Instrument :
BNA_F
ClientSampleId :

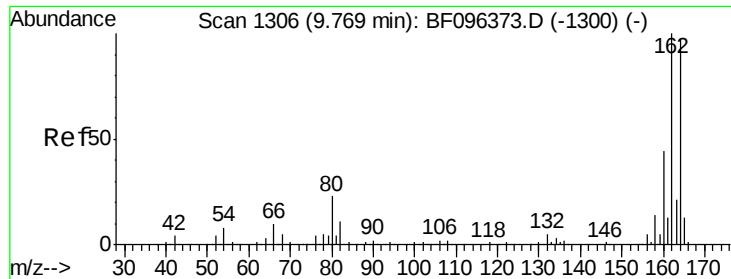
Tot Ion	82	Resp	601815
Ion Ratio	100	Lower	Upper
128	48.9	34.0	51.0
54	65.0	42.2	63.2#



#25
Isophorone
Concen: 41.45 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion	82	Resp	598861
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

Instrument :

BNA_F

ClientSampled :

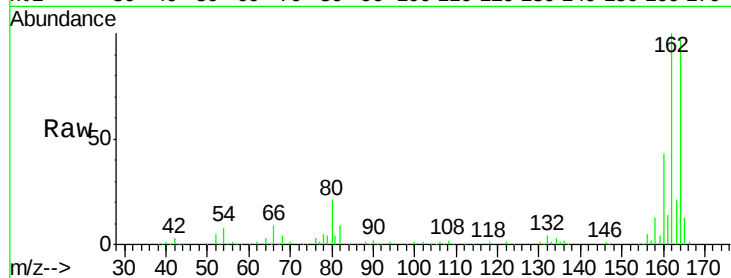
Tot Ion:164 Resp: 198599

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

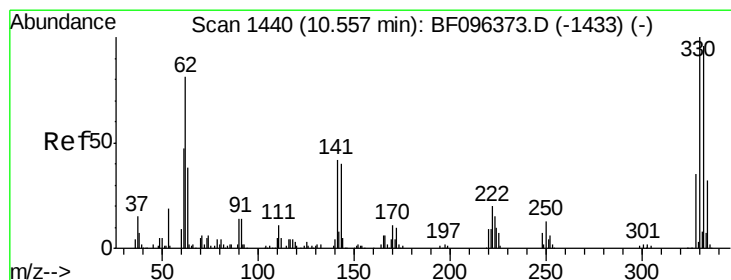
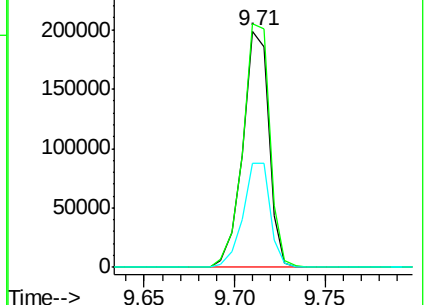
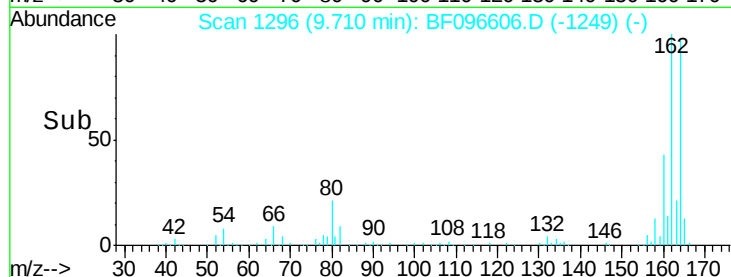
160 44.4 36.2 54.2



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: 137.52 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

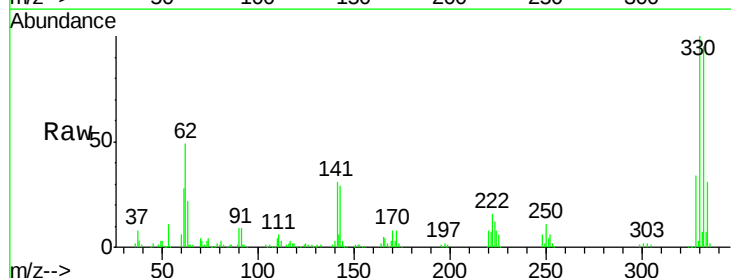
Tgt Ion:330 Resp: 213342

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

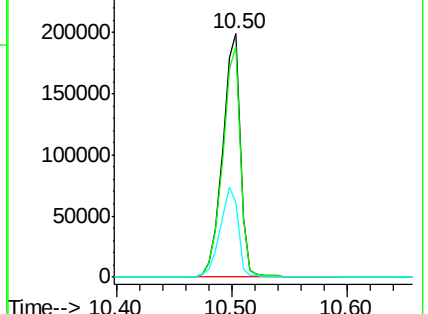
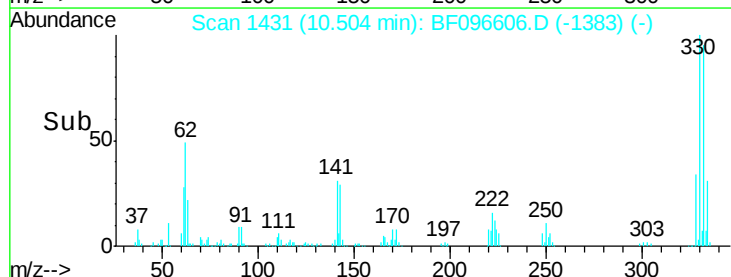
141 37.6 31.4 47.2

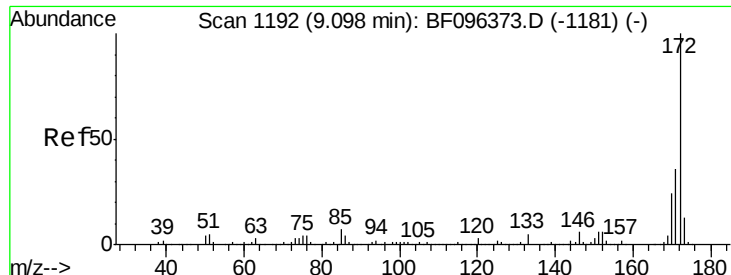


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

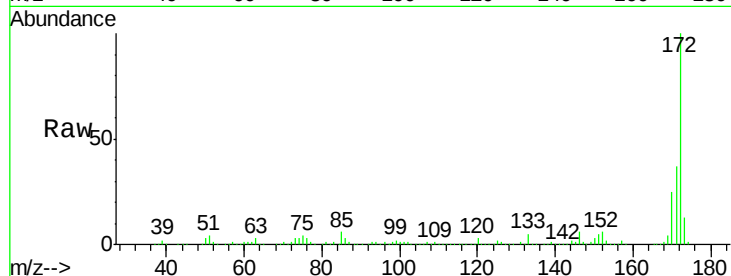




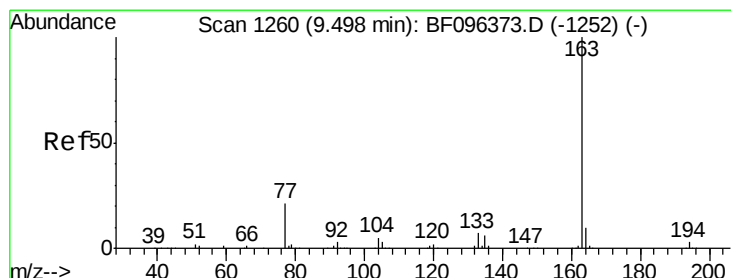
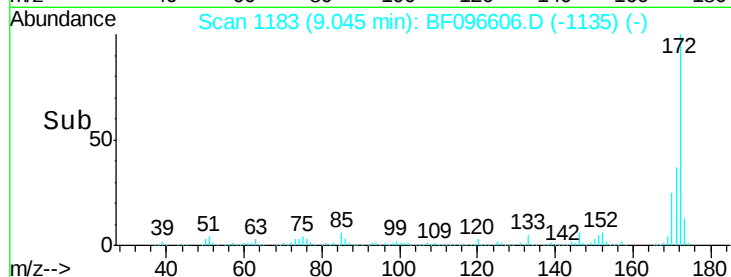
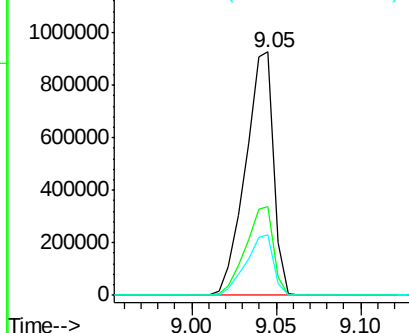
#44
2-Fluorobiphenyl
Concen: 93.03 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1080569
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 25.0 19.8 29.8

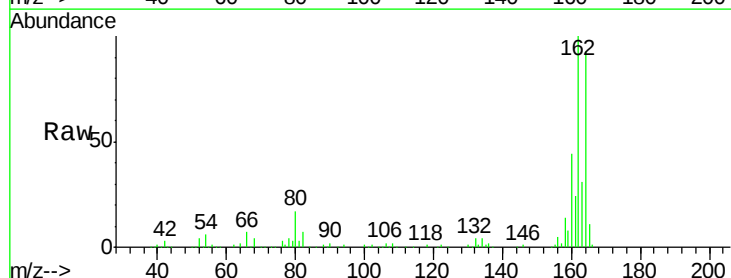


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

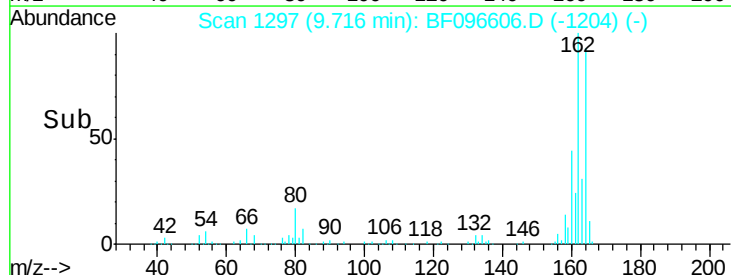
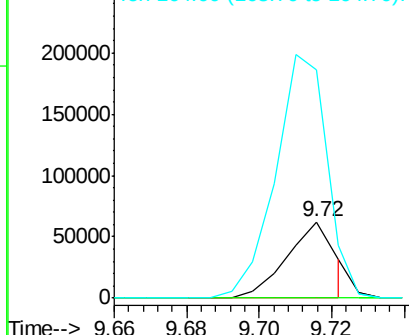


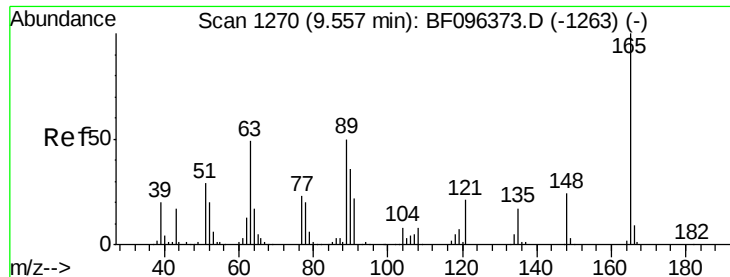
#49
Dimethylphthalate
Concen: 3.88 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.25 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:163 Resp: 57503
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 298.2 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

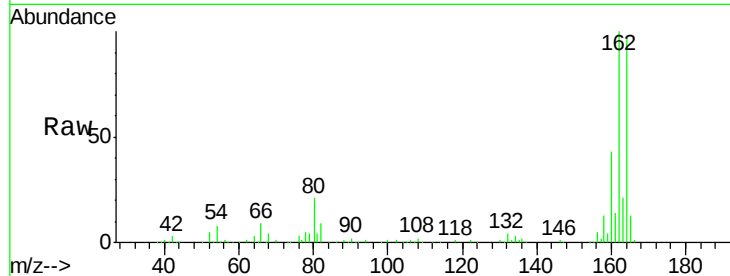




#50
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

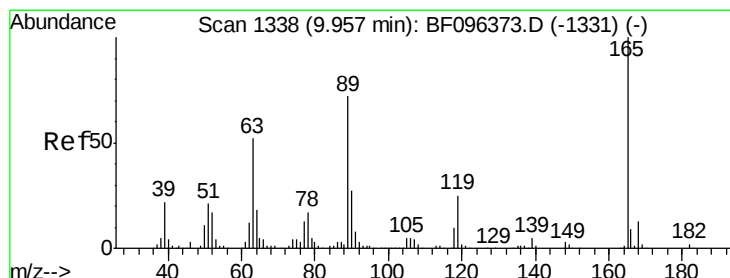
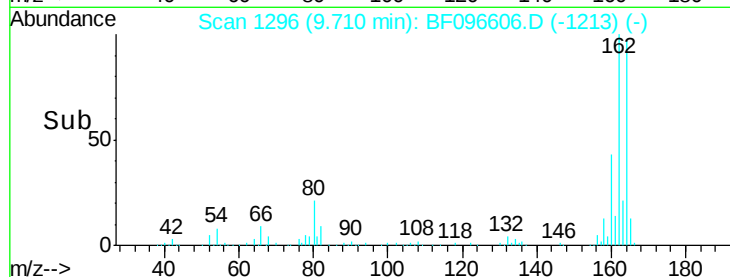
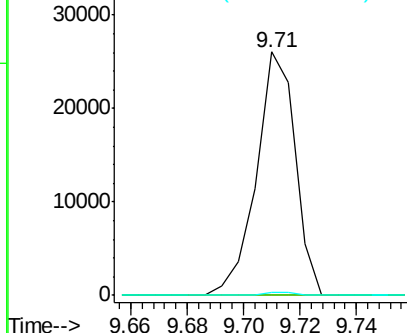
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.2	37.1	55.7#



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



#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

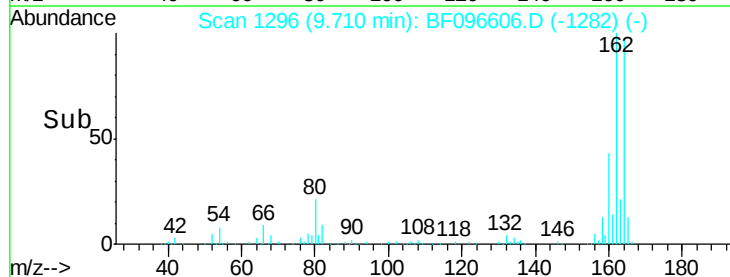
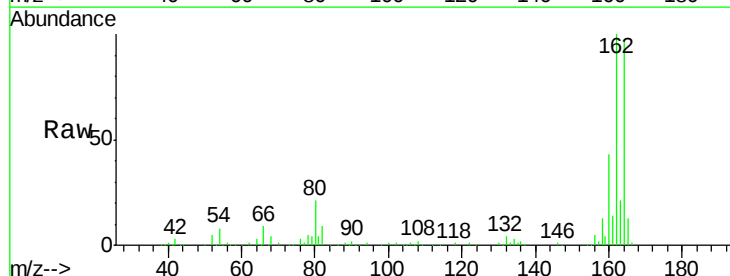
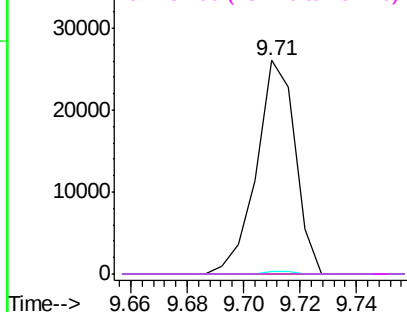
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

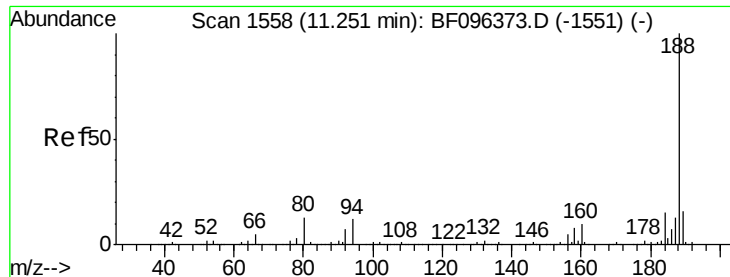
Abundance Ion 165.00 (164.70 to 165.70): E

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

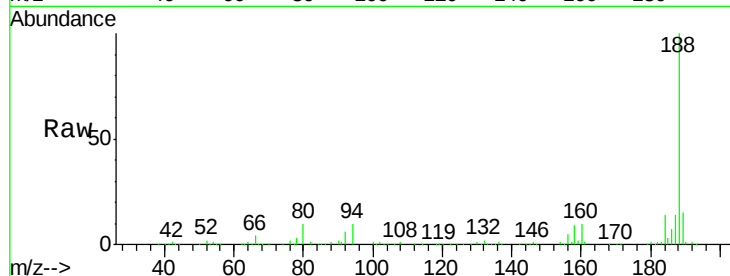




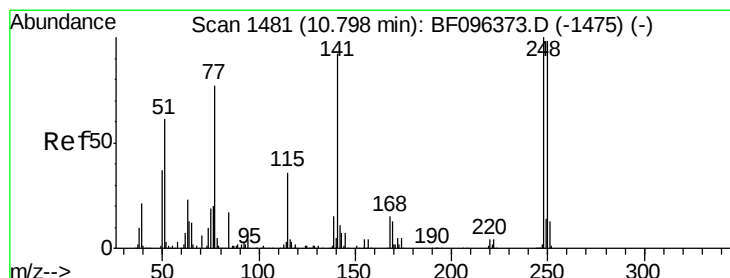
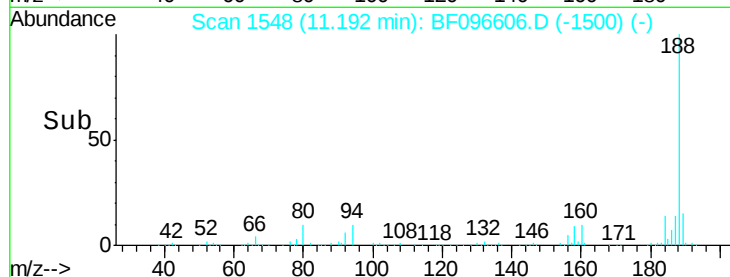
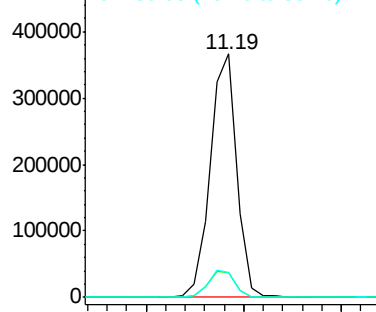
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 343762
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.4 10.2 15.2

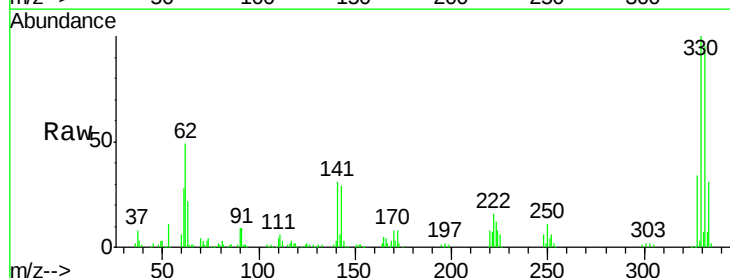


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

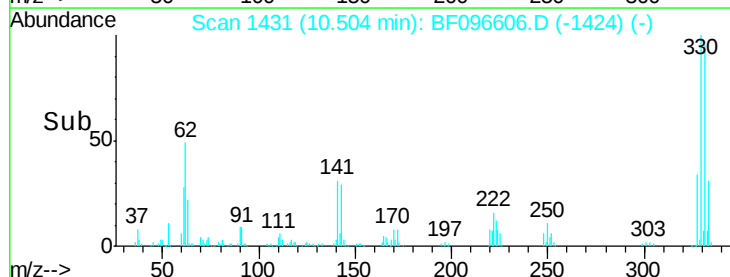
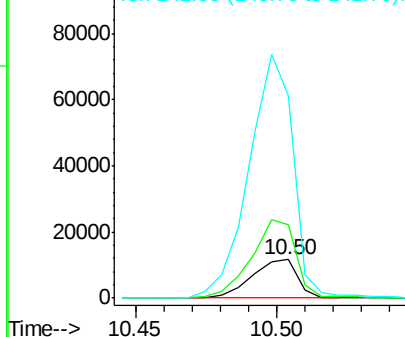


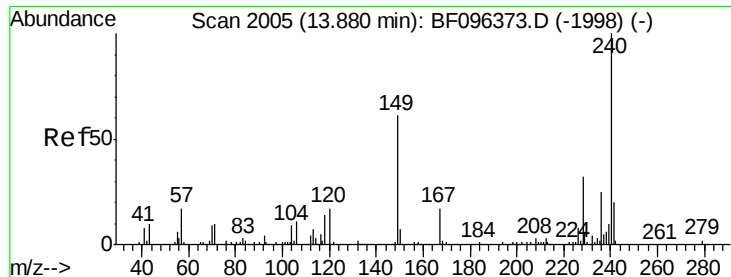
#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion:248 Resp: 13012
Ion Ratio Lower Upper
248 100
250 190.9 76.8 115.2#
141 523.4 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: BF096606.D

Acq: 10 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

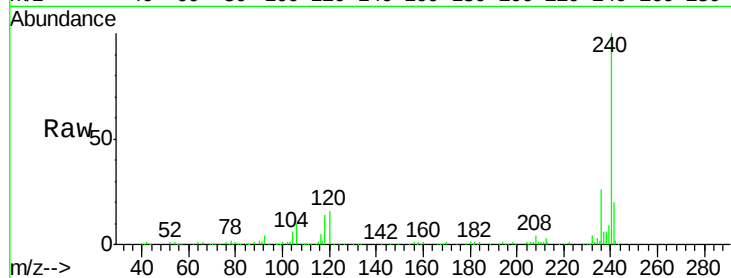
Tot Ion:240 Resp: 242206

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

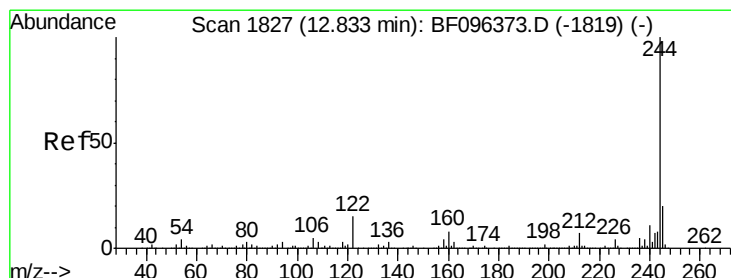
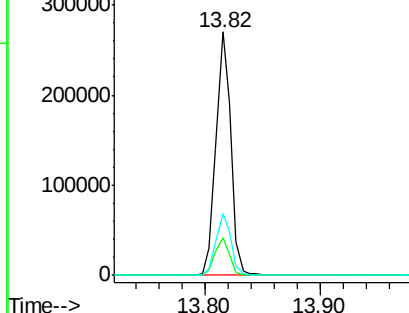
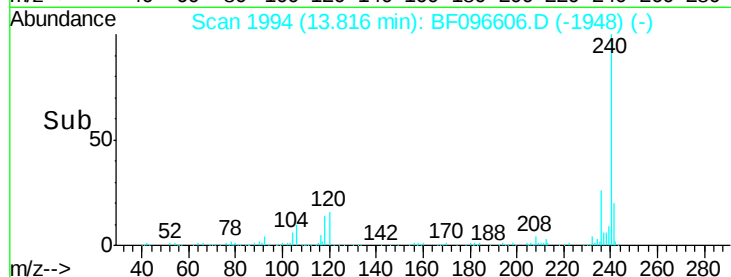
236 25.5 20.5 30.7



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: 73.74 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

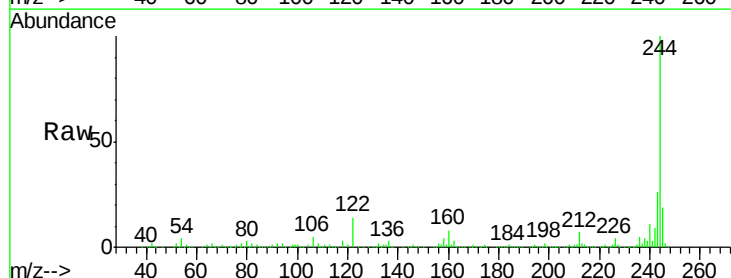
Tgt Ion:244 Resp: 835802

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

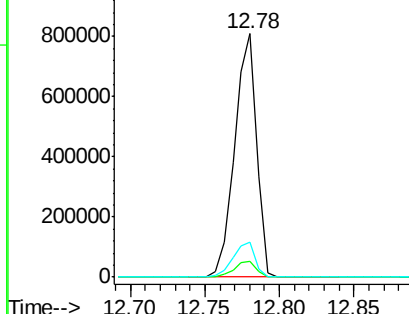
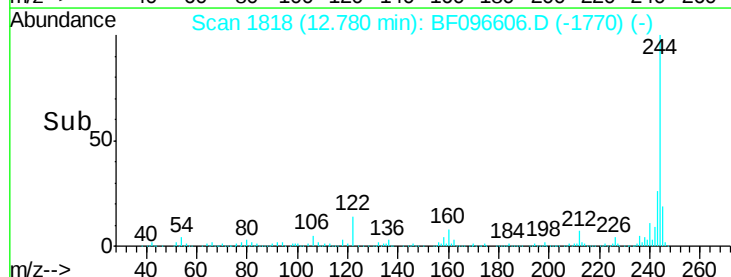
122 14.3 10.3 15.5

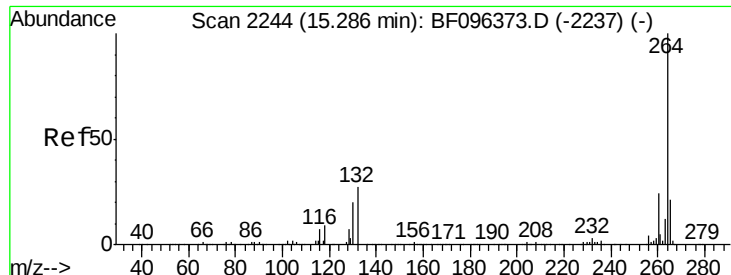


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.04 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8

