

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096556.D
 Acq On : 7 Jul 2017 13:53
 Operator : SJ/MA
 Sample : I4064-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 14:51:34 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

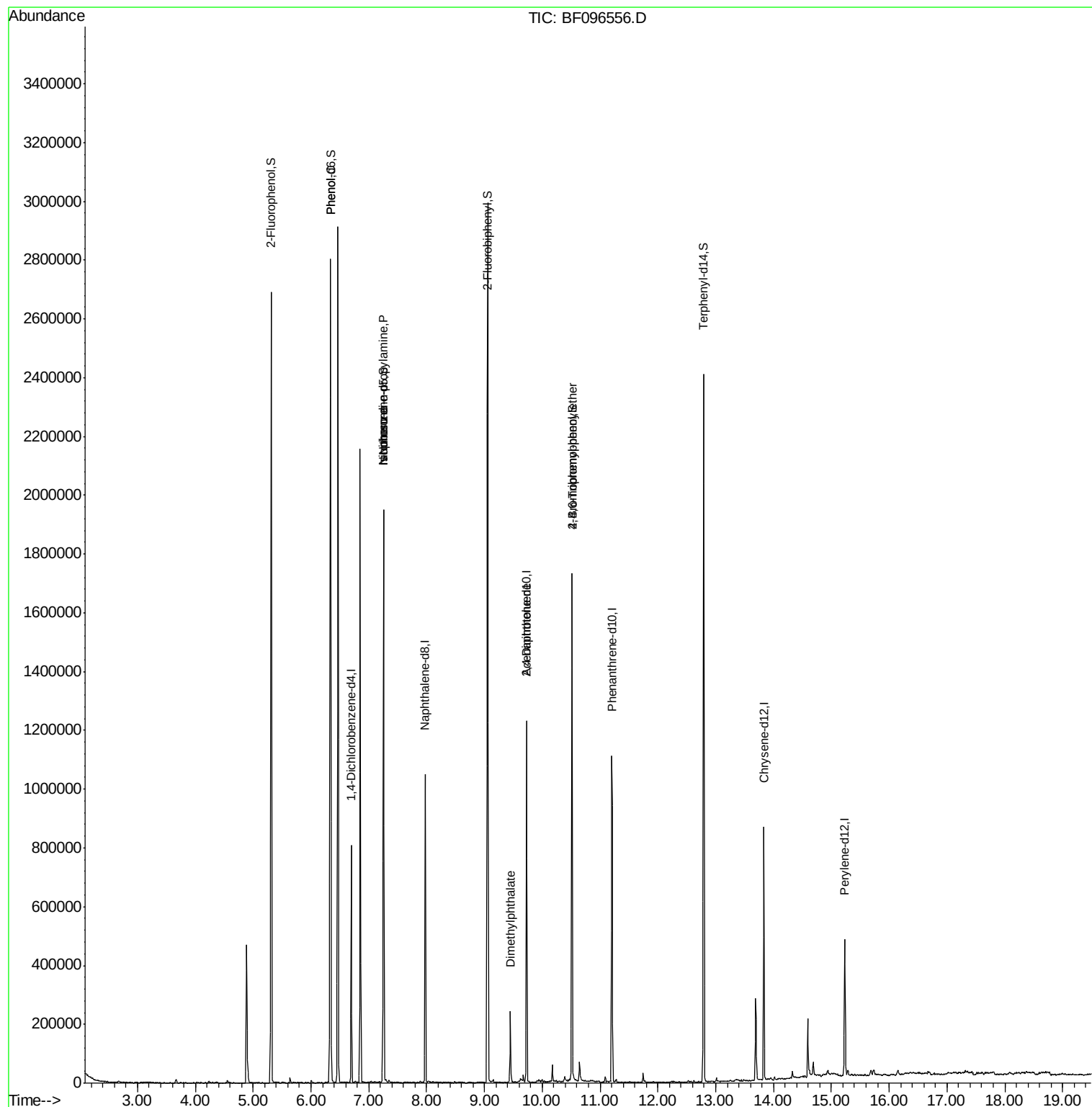
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120841	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	508948	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	227612	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	398617	20.00	ng	0.00
75) Chrysene-d12	13.83	240	274312	20.00	ng	-0.01
86) Perylene-d12	15.23	264	191205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	827278	101.05	ng	0.00
7) Phenol-d6	6.34	99	1013664	100.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	600308	70.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	197621	111.15	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	976759	73.37	ng	0.00
78) Terphenyl-d14	12.79	244	801175	62.41	ng	0.00
Target Compounds						
10) Phenol	6.35	94	31122	2.71	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.26	70	79511	13.26	ng	# 88
25) Isophorone	7.26	82	600233	36.55	ng	# 67
49) Dimethylphthalate	9.45	163	93246	5.49	ng	100
56) 2,4-Dinitrotoluene	9.73	165	29220	6.14	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	12264	3.16	ng	# 1

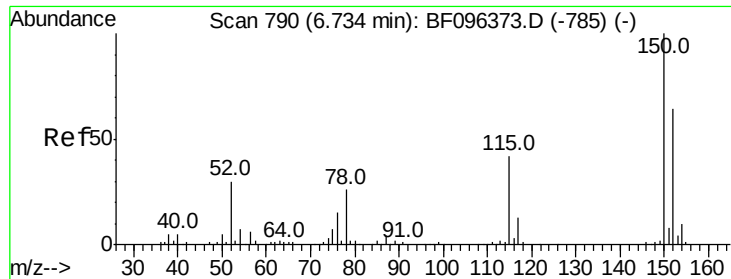
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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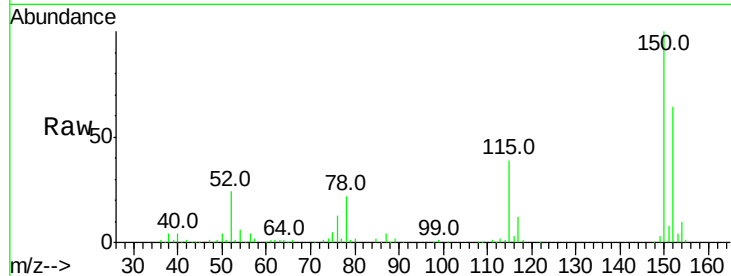


#1

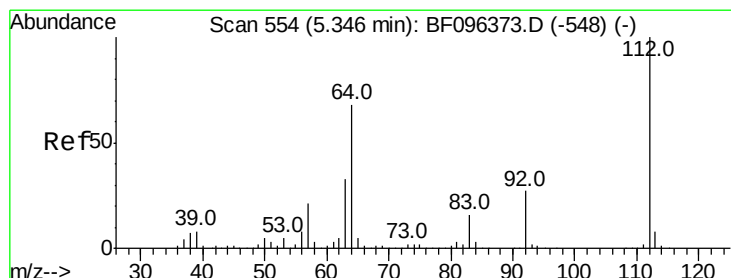
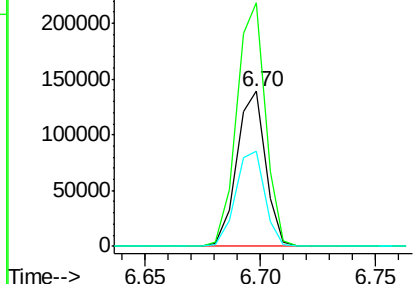
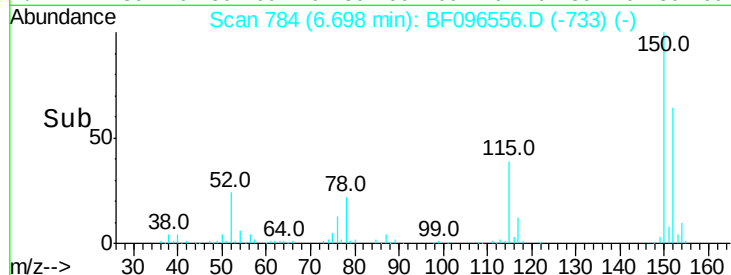
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120841
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 61.0 52.2 78.2



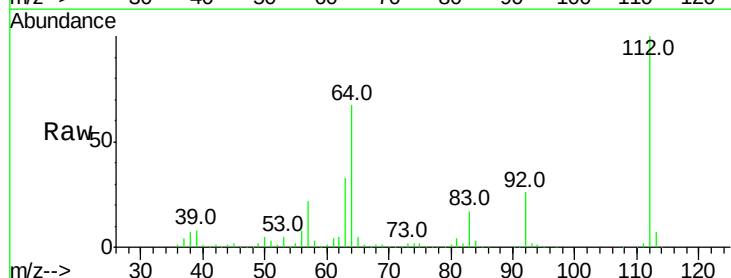
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



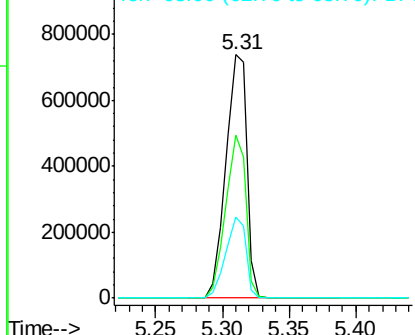
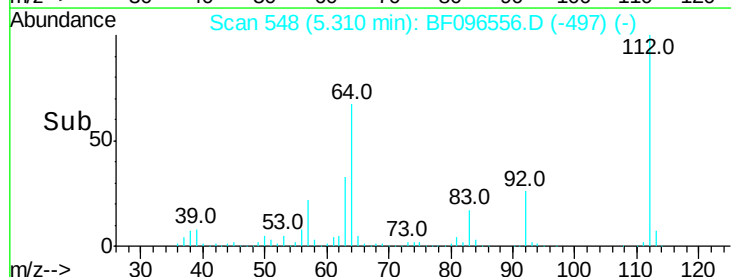
#5

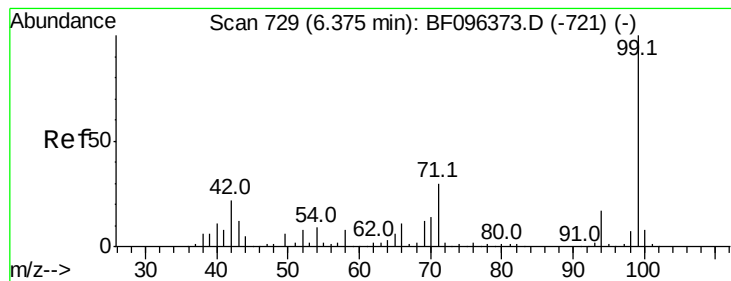
2-Fluorophenol
Concen: 101.05 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:112 Resp: 827278
Ion Ratio Lower Upper
112 100
64 66.8 46.0 69.0
63 33.4 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: 100.71 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096556.D

Acq: 7 Jul 2017 13:53

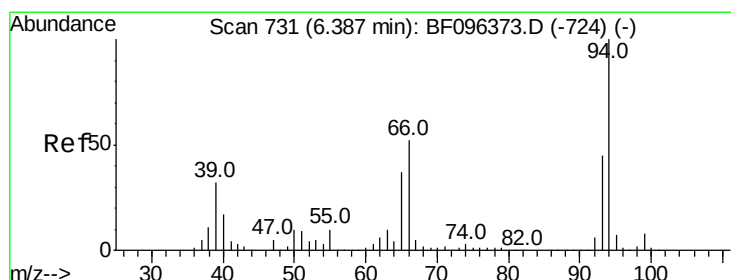
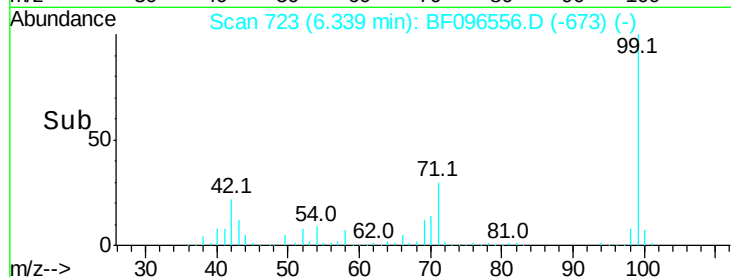
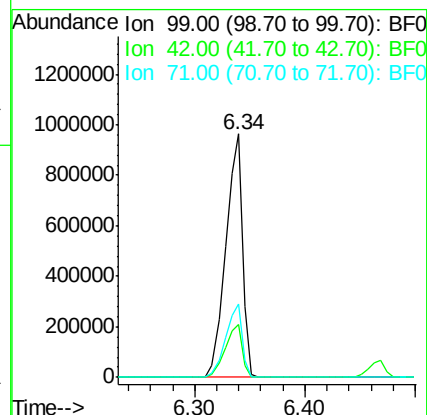
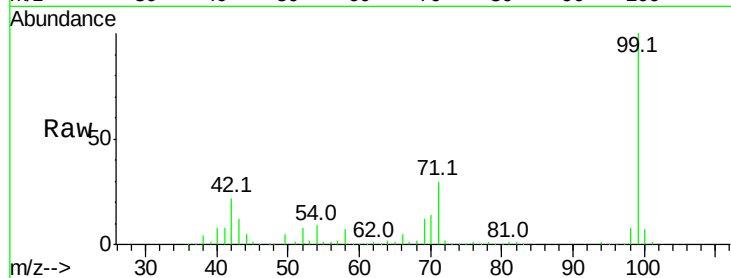
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1013664

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.5	20.3#
71	30.3	24.5	36.7



#10

Phenol

Concen: 2.71 ng

RT: 6.35 min Scan# 724

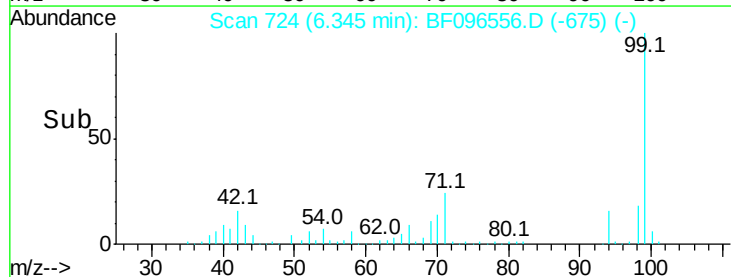
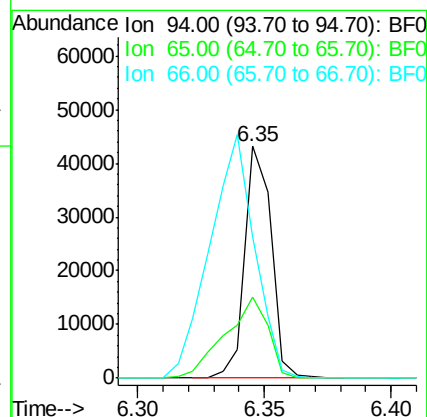
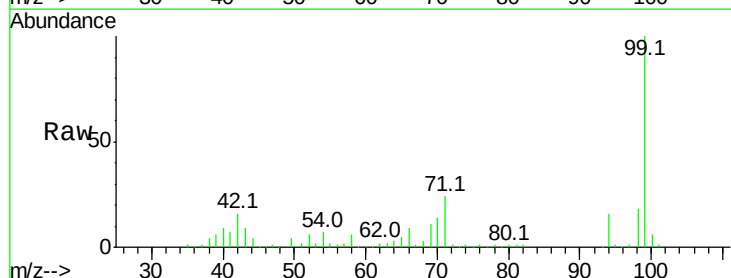
Delta R.T. -0.01 min

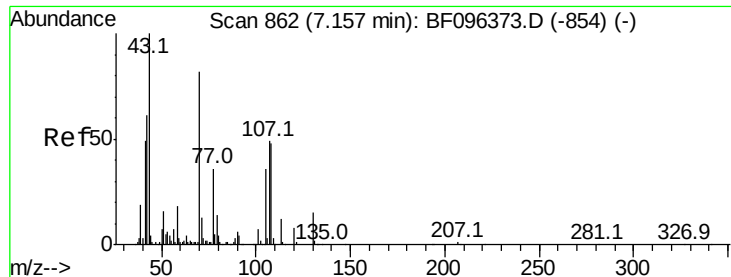
Lab File: BF096556.D

Acq: 7 Jul 2017 13:53

Tgt Ion: 94 Resp: 31122

Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.9	49.9
66	60.6	23.1	63.1

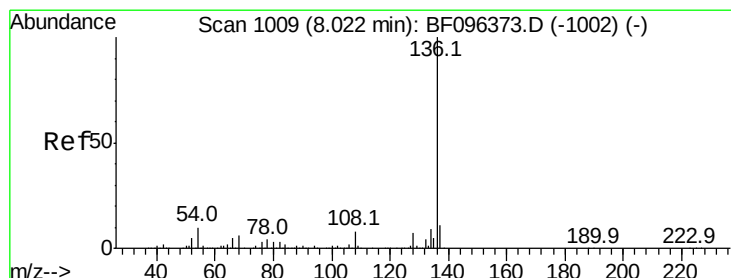
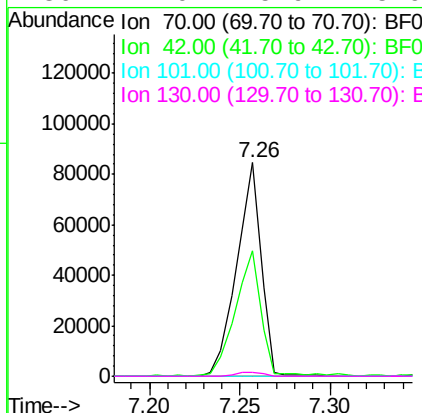
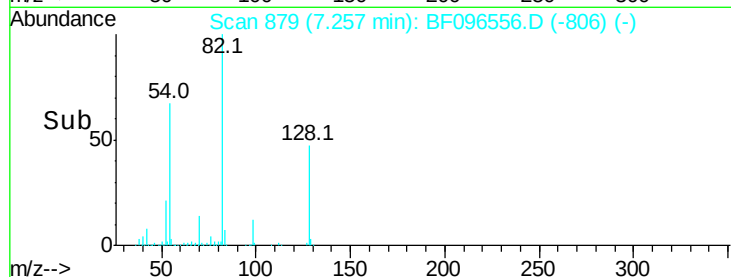
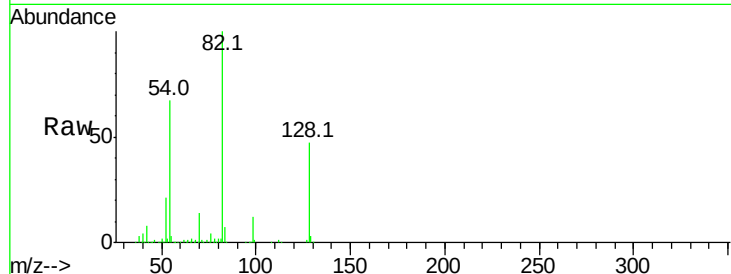




#19
n-Nitroso-di-n-propylamine
Concen: 13.26 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

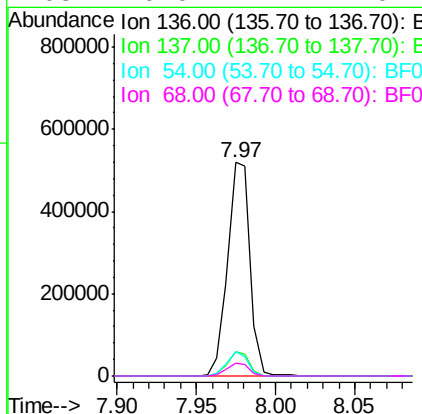
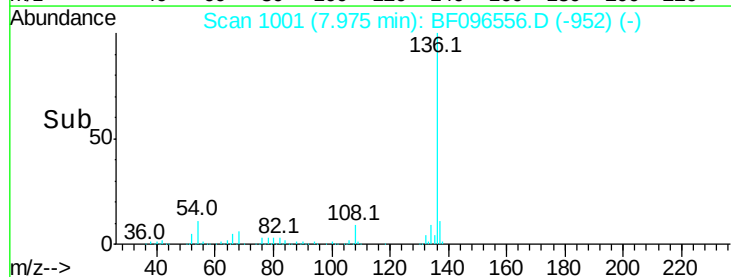
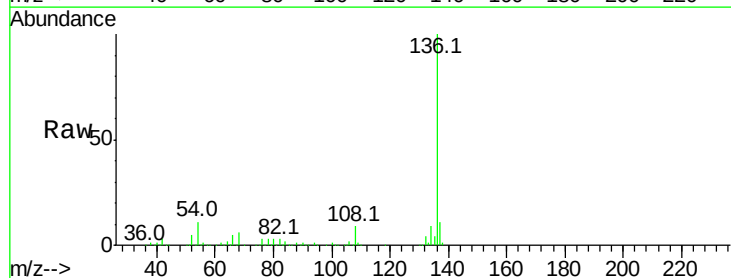
Instrument :
BNA_F
ClientSampleId :

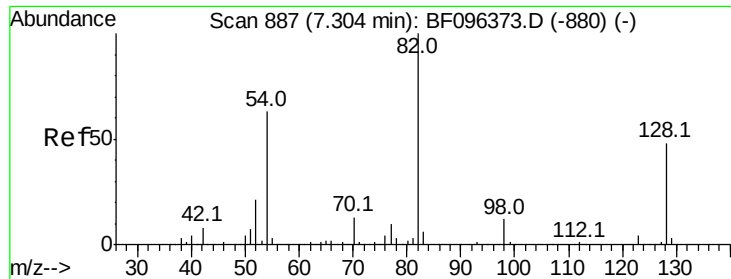
Tot Ion: 70 Resp: 79511
Ion Ratio Lower Upper
70 100
42 58.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:136 Resp: 508948
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.2 4.9 7.3#
68 6.0 4.1 6.1

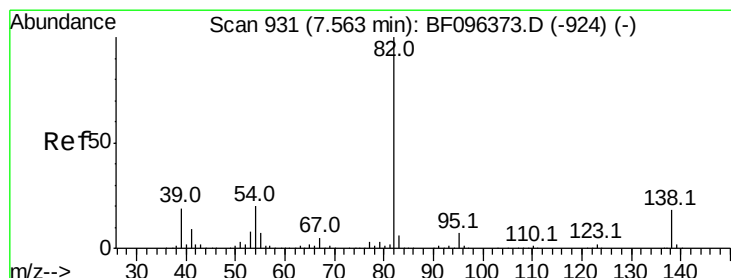
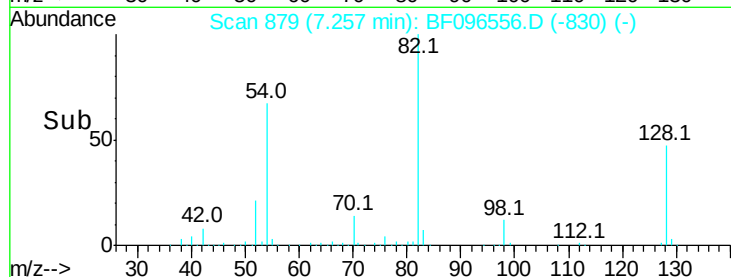
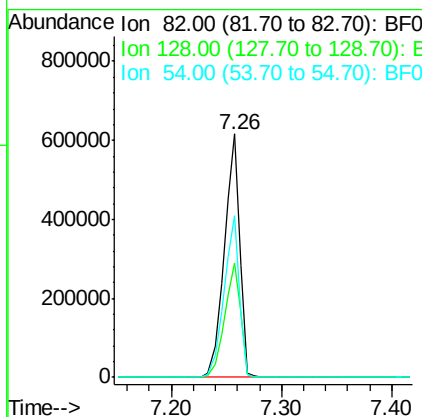
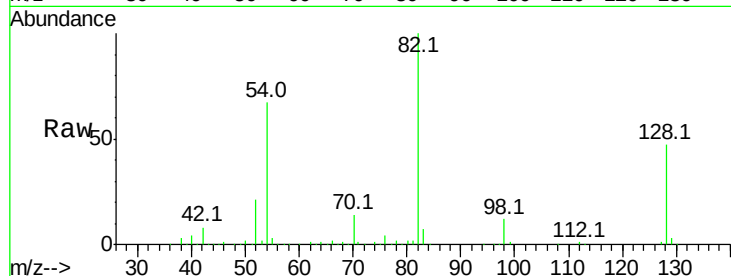




#23
 Nitrobenzene-d5
 Concen: 70.88 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096556.D
 Acq: 7 Jul 2017 13:53

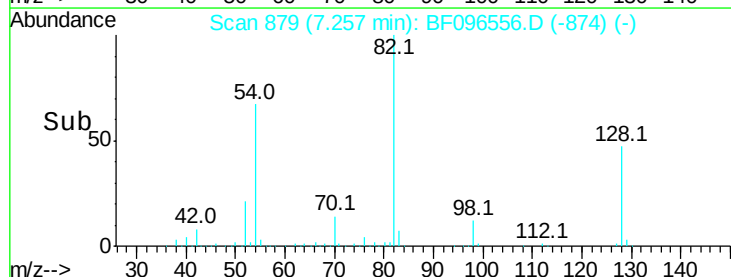
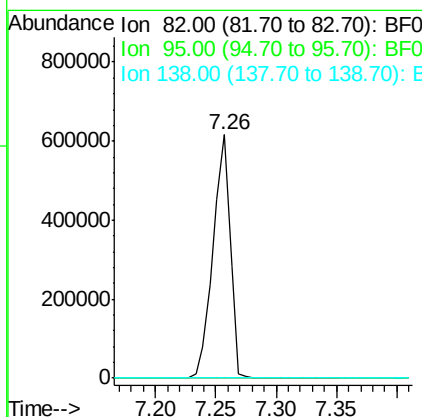
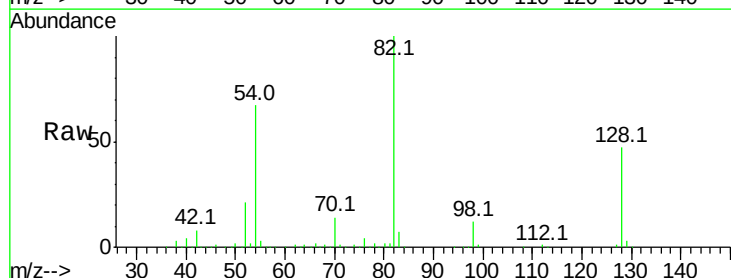
Instrument :
 BNA_F
 ClientSampleId :

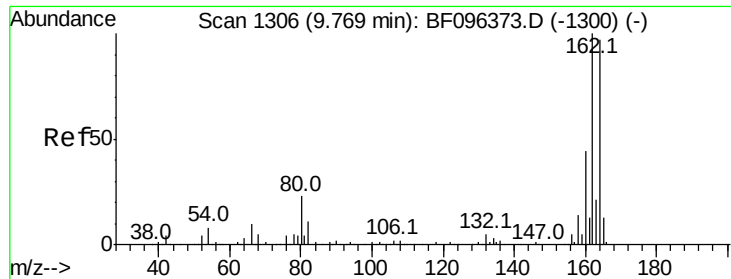
Tot Ion	82	Resp	600308
Ion Ratio	100	Lower	Upper
128	47.1	34.0	51.0
54	66.6	42.2	63.2#



#25
 Isophorone
 Concen: 36.55 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.27 min
 Lab File: BF096556.D
 Acq: 7 Jul 2017 13:53

Tgt Ion	82	Resp	600233
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

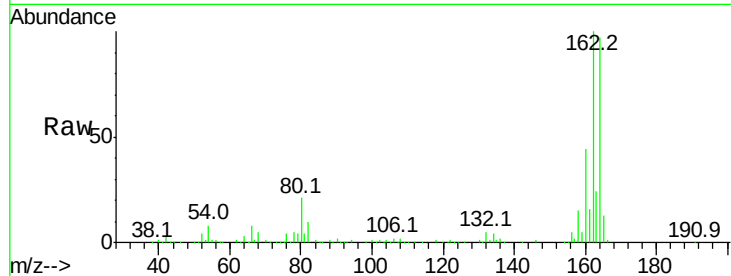




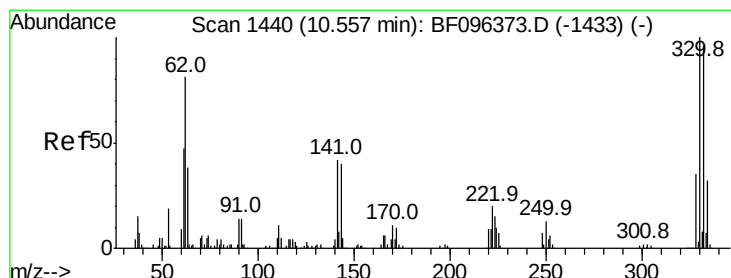
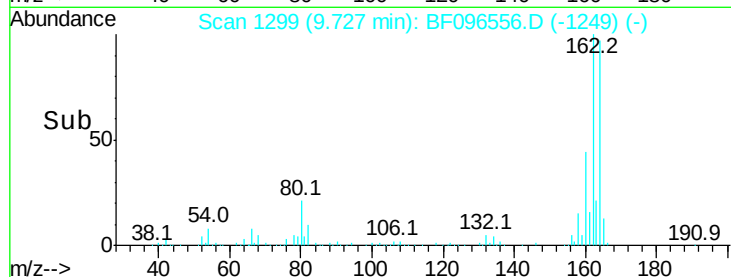
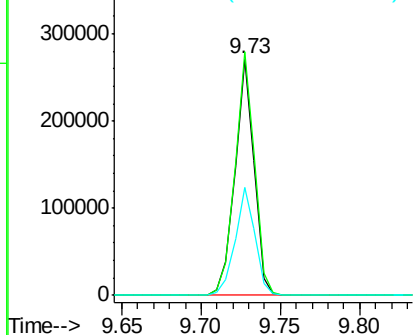
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.7	36.2	54.2

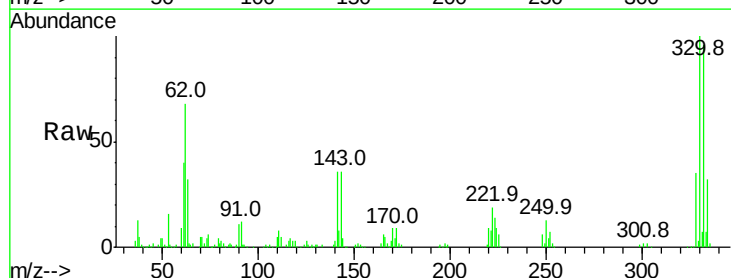


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

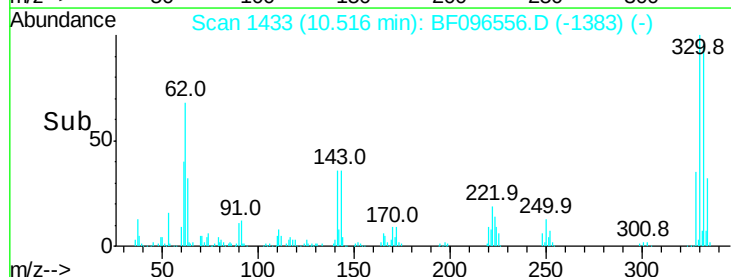
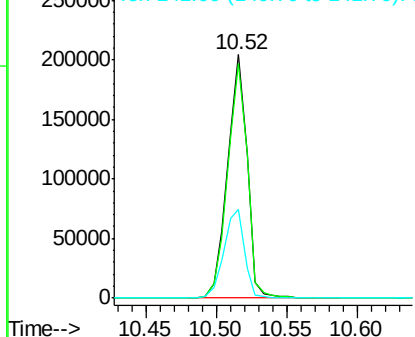


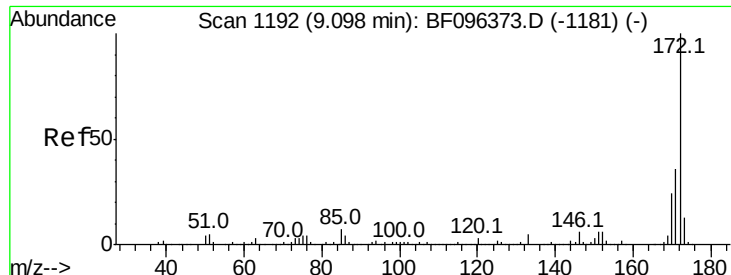
#41
2,4,6-Tribromophenol
Concen: 111.15 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.3	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

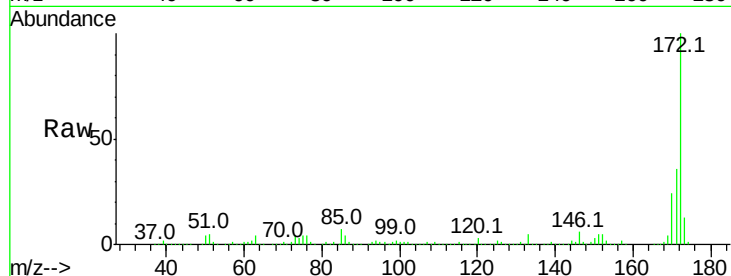




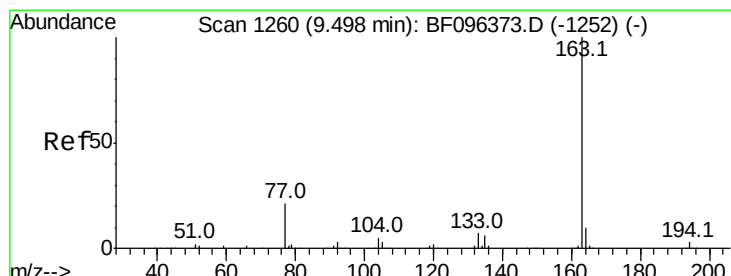
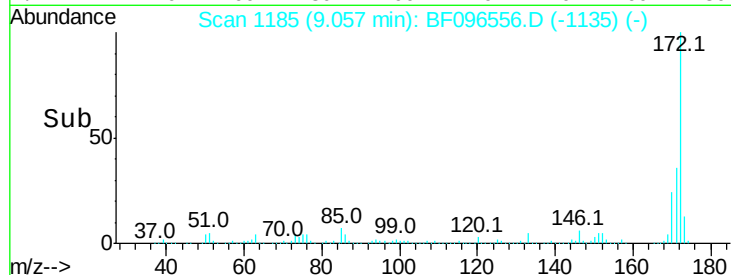
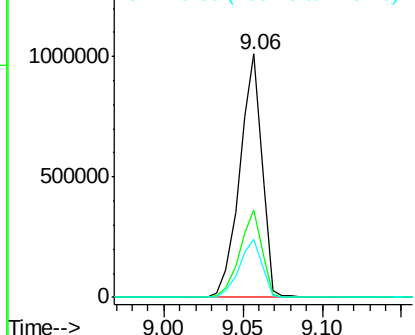
#44
 2-Fluorobiphenyl
 Concen: 73.37 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096556.D
 Acq: 7 Jul 2017 13:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 976759
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.8 19.8 29.8

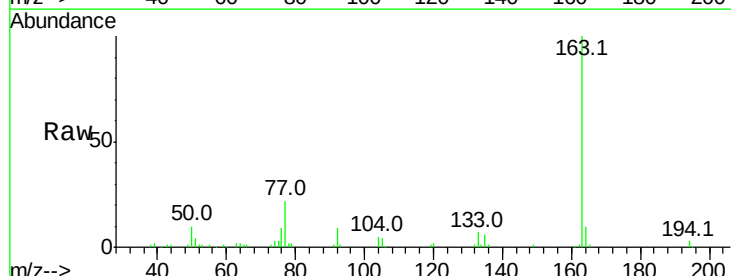


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

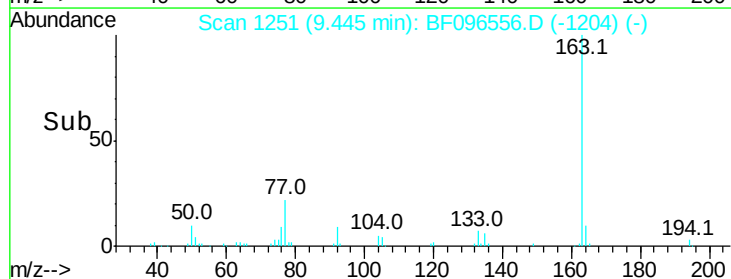
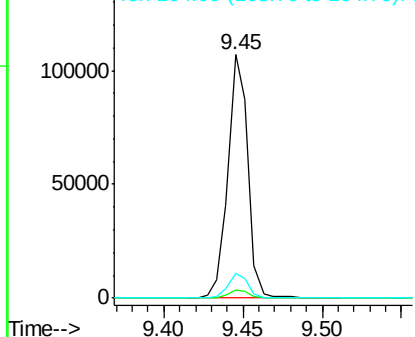


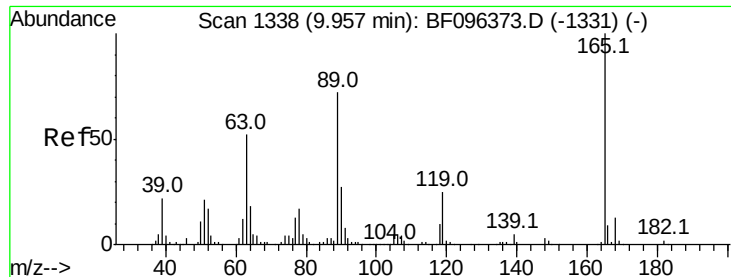
#49
 Dimethylphthalate
 Concen: 5.49 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096556.D
 Acq: 7 Jul 2017 13:53

Tgt Ion:163 Resp: 93246
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.4 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

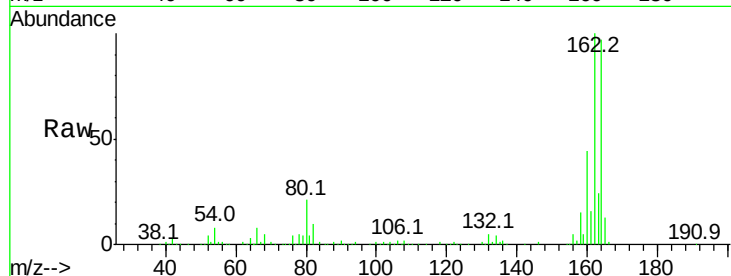




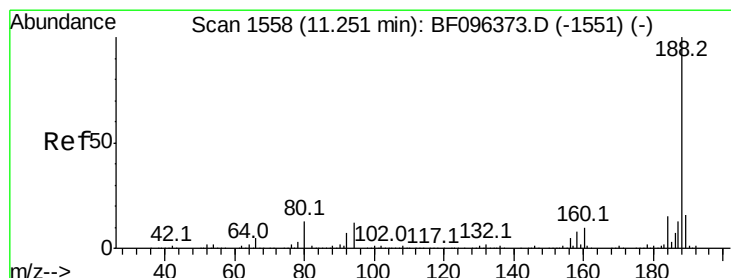
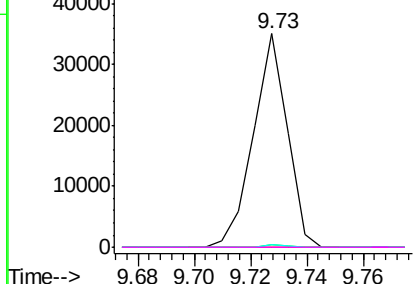
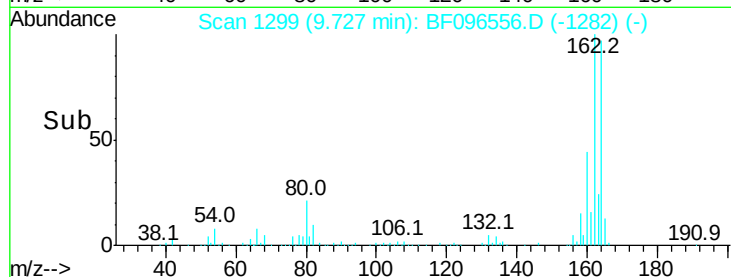
#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096556.D
 Acq: 7 Jul 2017 13:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165 Resp: 29220
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#

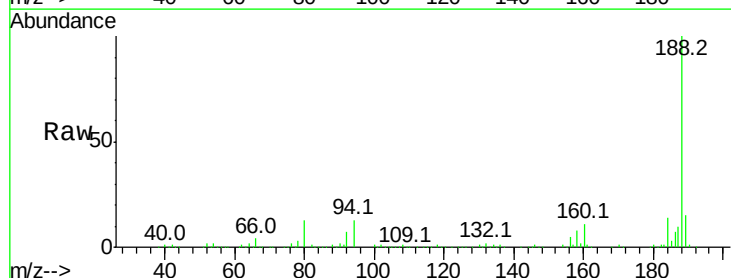


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

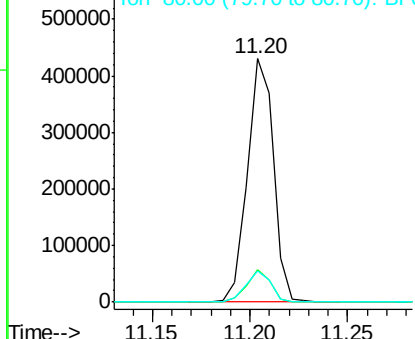
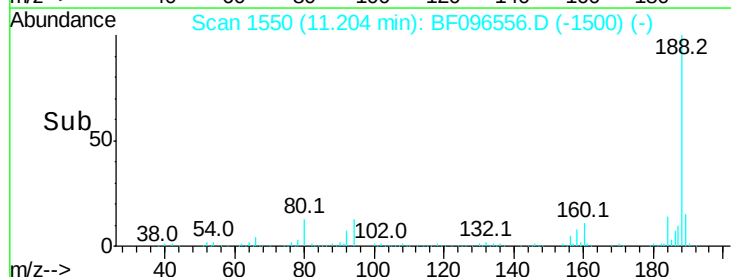


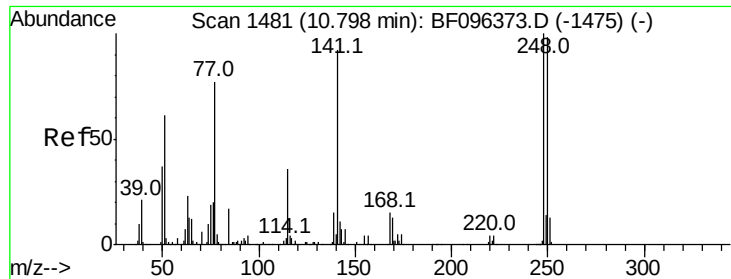
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096556.D
 Acq: 7 Jul 2017 13:53

Tgt Ion:188 Resp: 398617
 Ion Ratio Lower Upper
 188 100
 94 13.1 9.4 14.2
 80 12.8 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

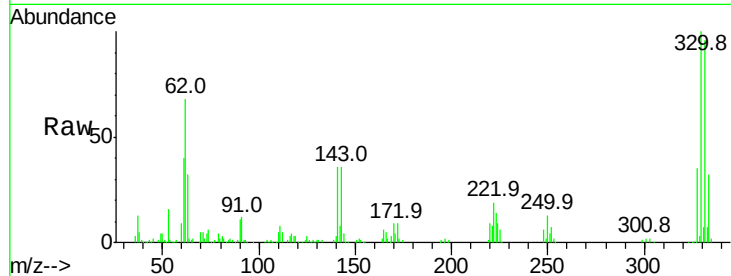




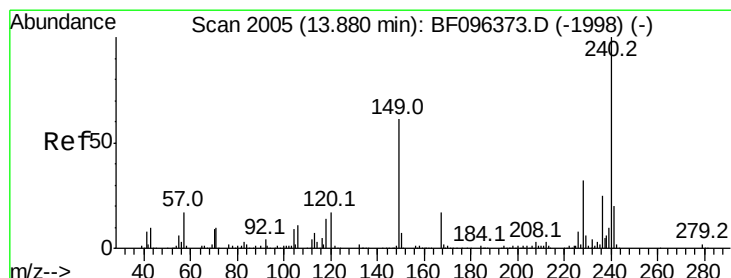
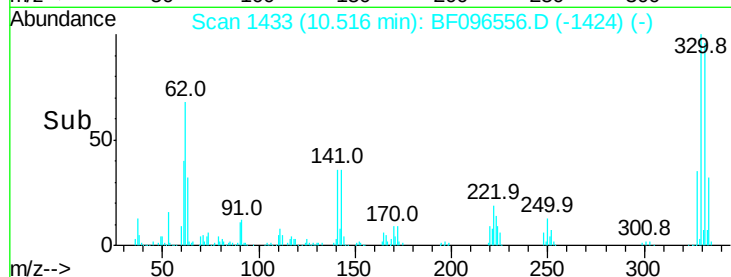
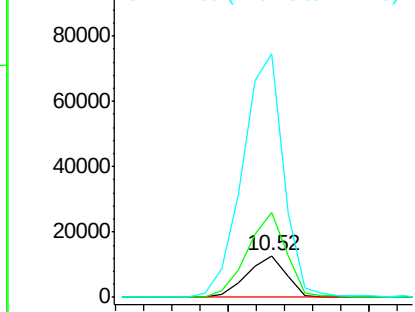
#66
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12264
Ion Ratio Lower Upper
248 100
250 204.6 76.8 115.2#
141 587.4 68.6 103.0#

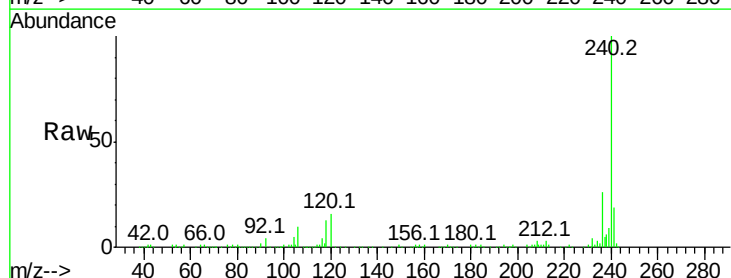


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

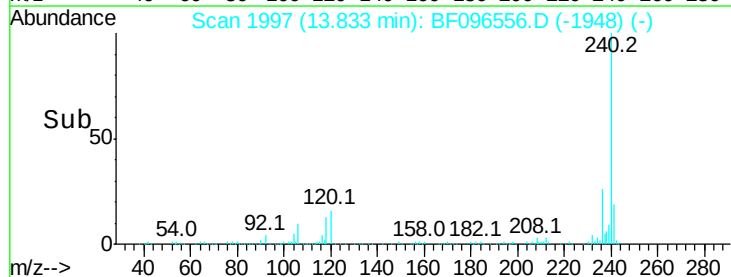
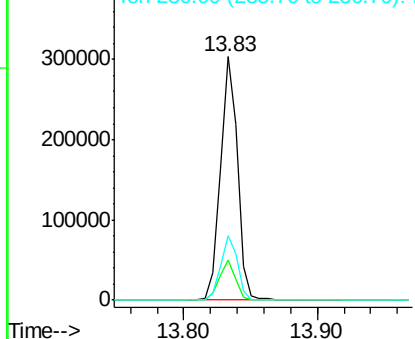


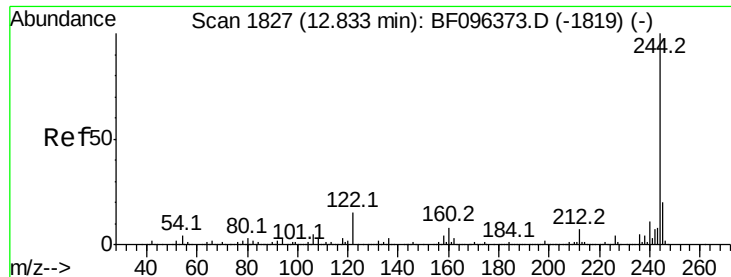
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096556.D
Acq: 7 Jul 2017 13:53

Tgt Ion:240 Resp: 274312
Ion Ratio Lower Upper
240 100
120 16.4 5.8 8.8#
236 26.2 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

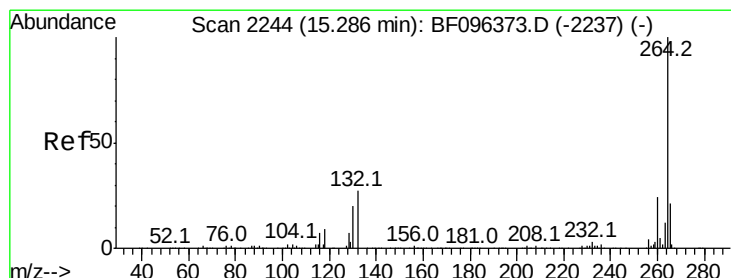
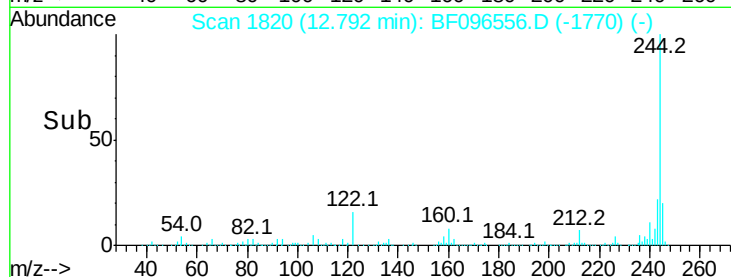
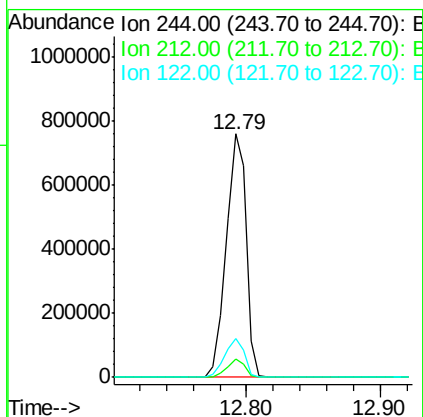
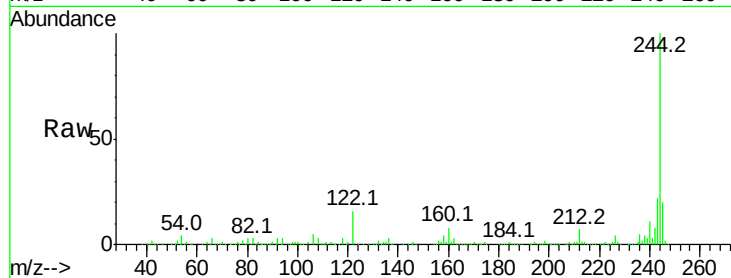




#78
 Terphenyl-d14
 Concen: 62.41 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096556.D
 Acq: 7 Jul 2017 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 801175
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 15.8 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: BF096556.D
 Acq: 7 Jul 2017 13:53

Tgt Ion:264 Resp: 191205
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.9 17.2 25.8

