

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096560.D
 Acq On : 7 Jul 2017 15:42
 Operator : SJ/MA
 Sample : I4064-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 16:38:05 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

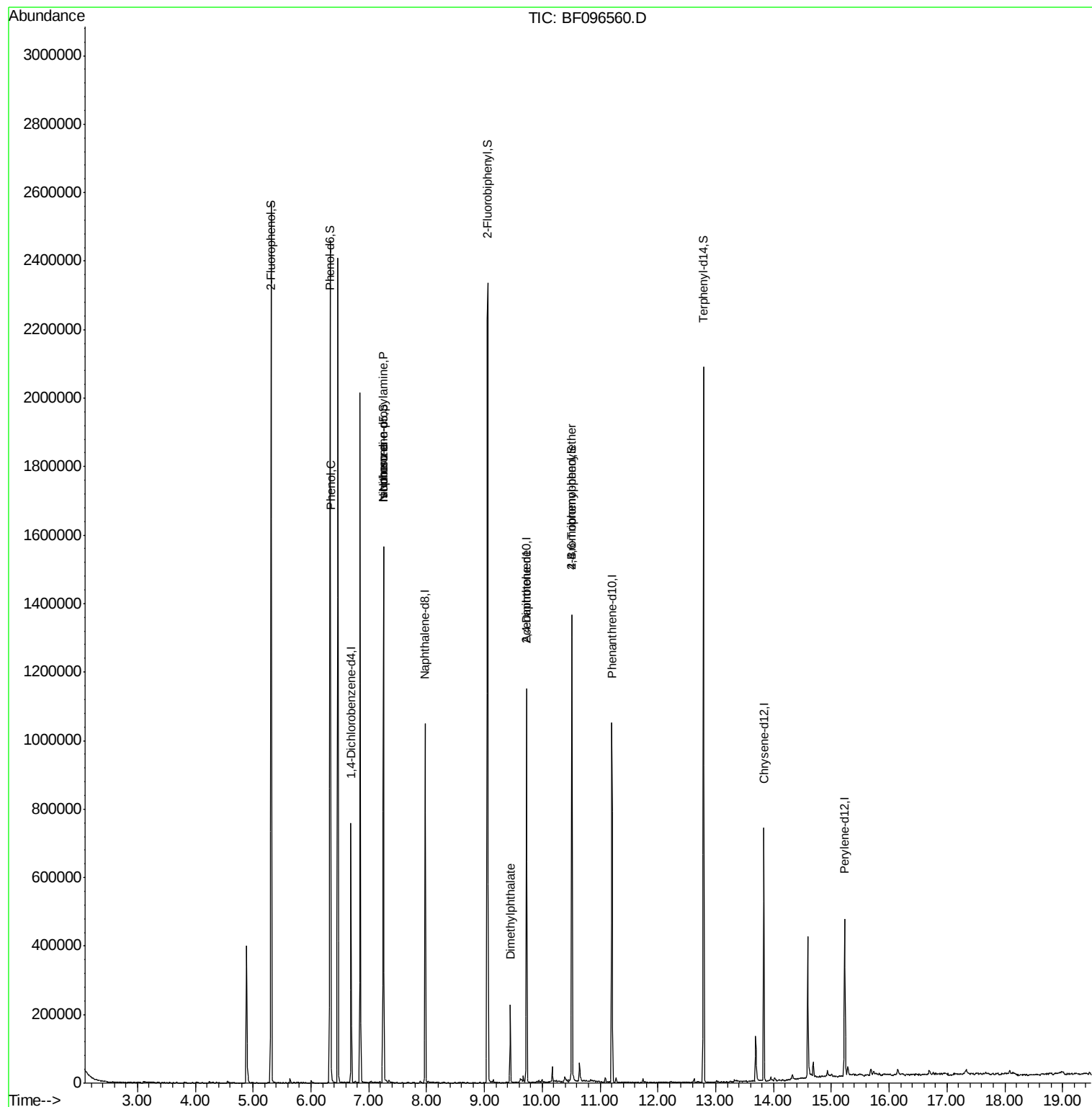
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114689	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	478419	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	215863	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	361805	20.00	ng	0.00
75) Chrysene-d12	13.83	240	236786	20.00	ng	-0.01
86) Perylene-d12	15.23	264	190098	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	700142	90.10	ng	0.00
7) Phenol-d6	6.33	99	851330	89.12	ng	-0.01
23) Nitrobenzene-d5	7.26	82	498989	62.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162063	96.11	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	824919	65.34	ng	0.00
78) Terphenyl-d14	12.79	244	625520	56.45	ng	0.00
Target Compounds						
10) Phenol	6.35	94	26338	2.42	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.26	70	66292	11.65	ng	# 85
25) Isophorone	7.26	82	496748	32.18	ng	# 67
49) Dimethylphthalate	9.45	163	86525	5.37	ng	97
56) 2,4-Dinitrotoluene	9.73	165	26930	5.97	ng	# 34
66) 4-Bromophenyl-phenylether	10.51	248	10308	2.93	ng	# 1

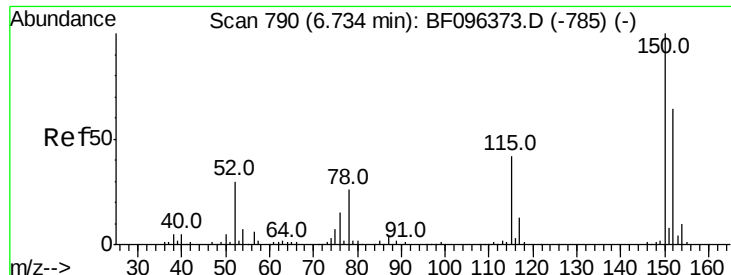
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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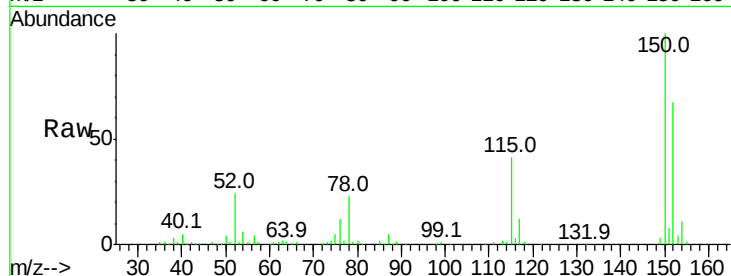


#1

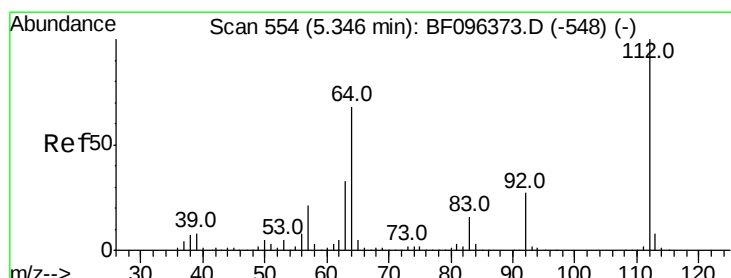
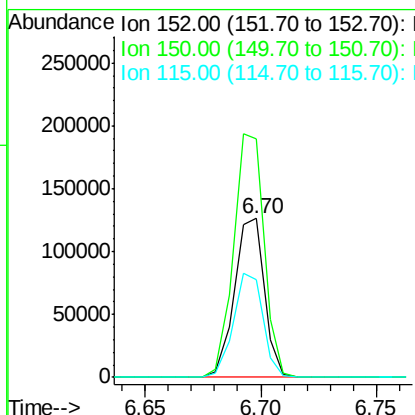
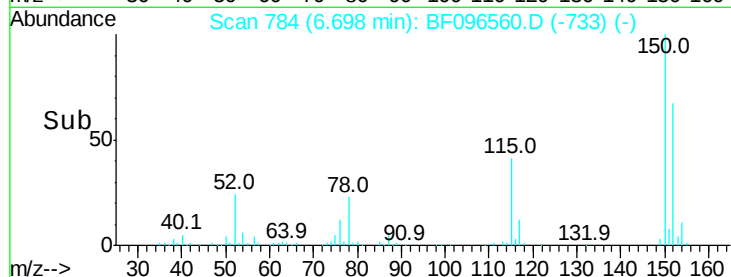
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114689
Ion Ratio Lower Upper
152 100
150 149.8 126.2 189.2
115 61.8 52.2 78.2



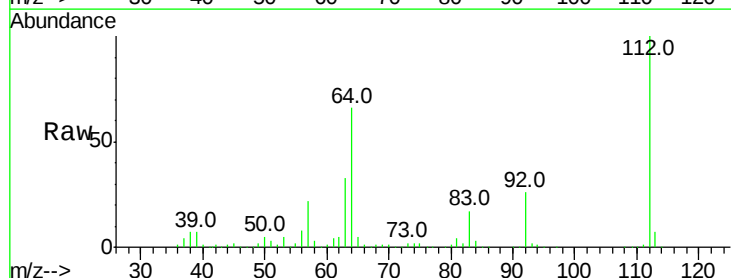
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



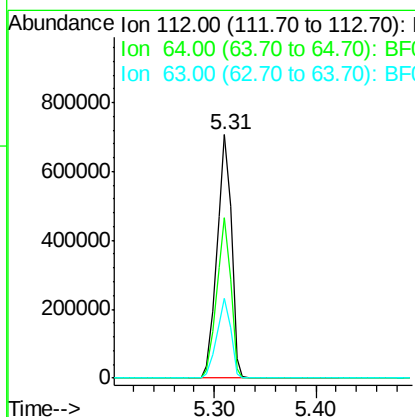
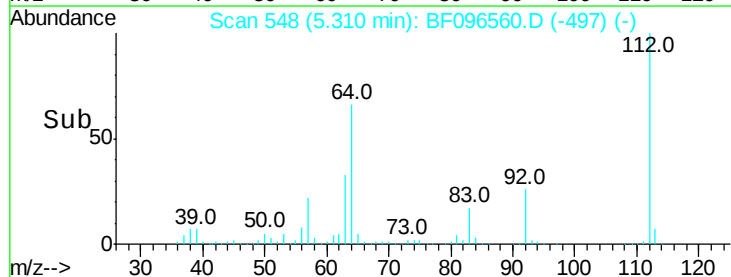
#5

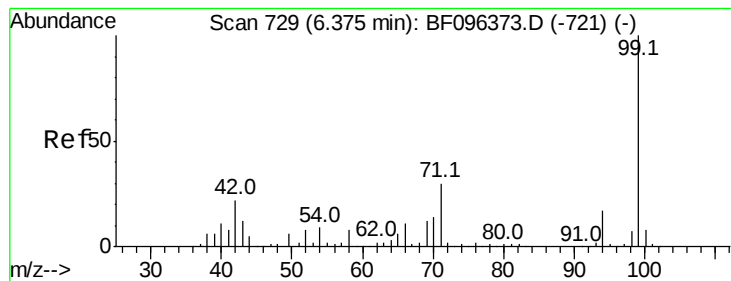
2-Fluorophenol
Concen: 90.10 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Tgt Ion:112 Resp: 700142
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 33.0 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: 89.12 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096560.D

Acq: 7 Jul 2017 15:42

Instrument :

BNA_F

ClientSampled :

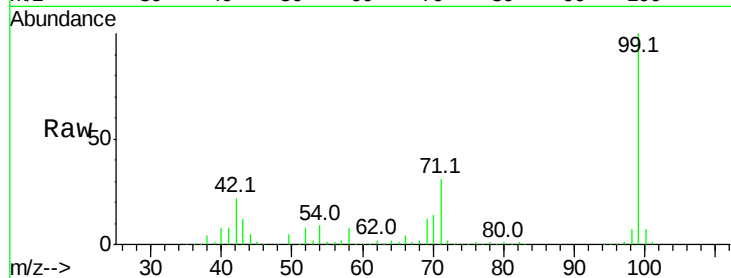
Tot Ion: 99 Resp: 851330

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

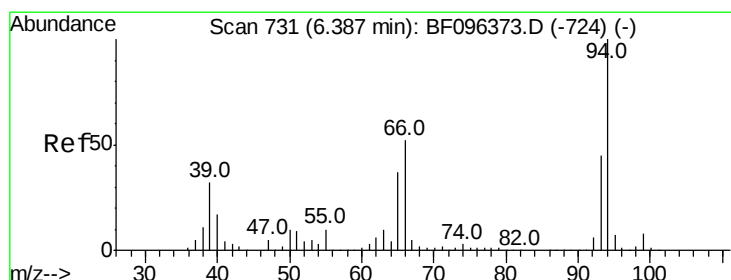
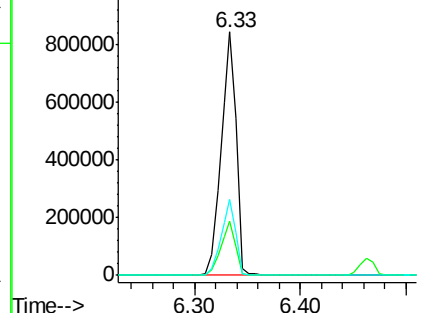
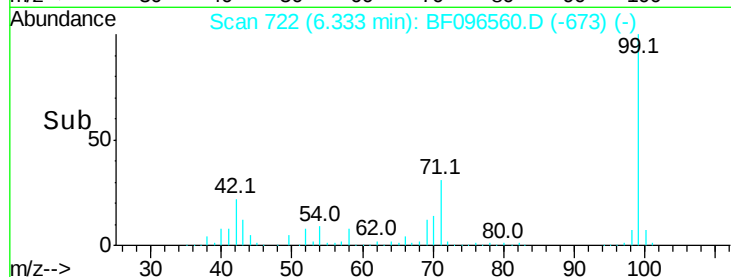
71 31.0 24.5 36.7



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: 2.42 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096560.D

Acq: 7 Jul 2017 15:42

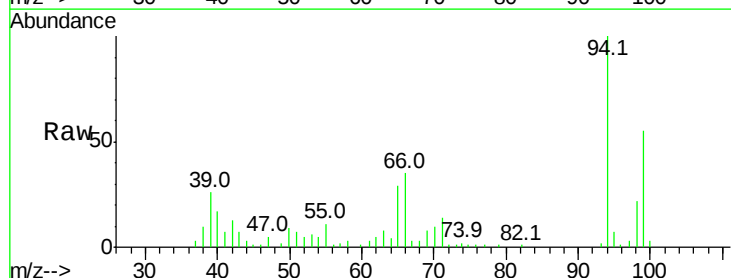
Tgt Ion: 94 Resp: 26338

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

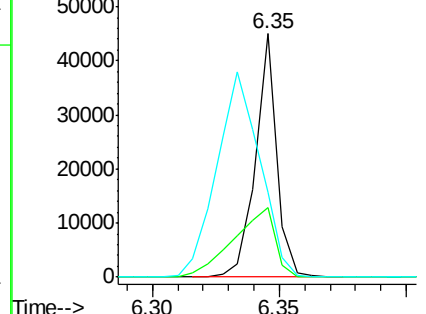
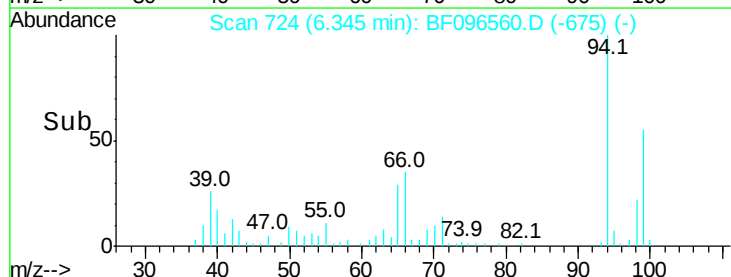
66 34.9 23.1 63.1

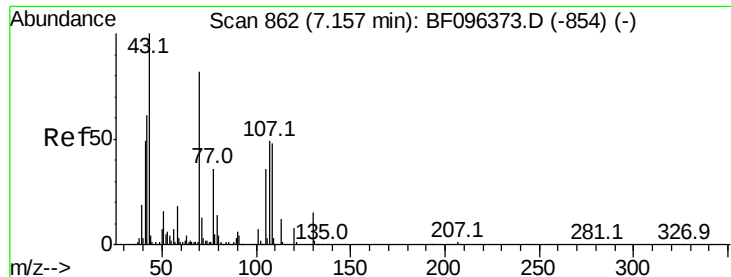


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

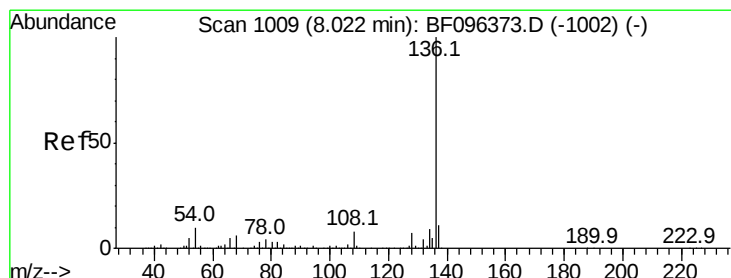
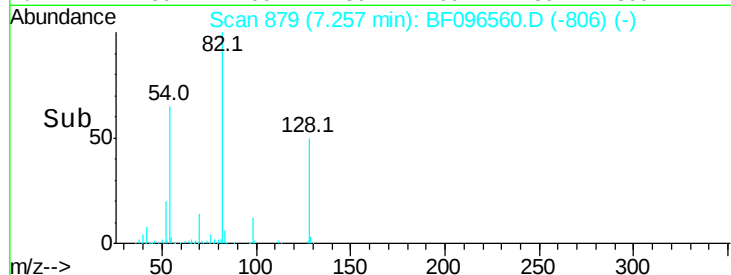
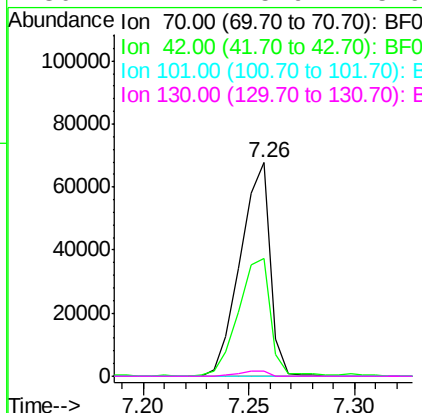
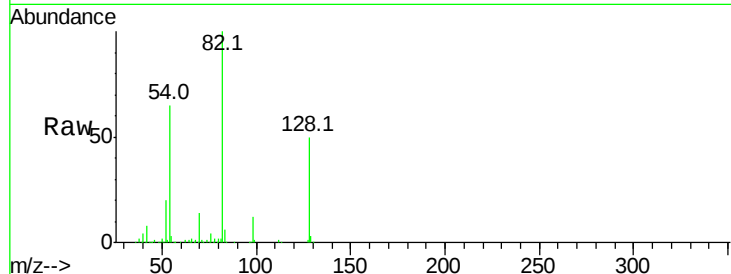




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.65 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.13 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

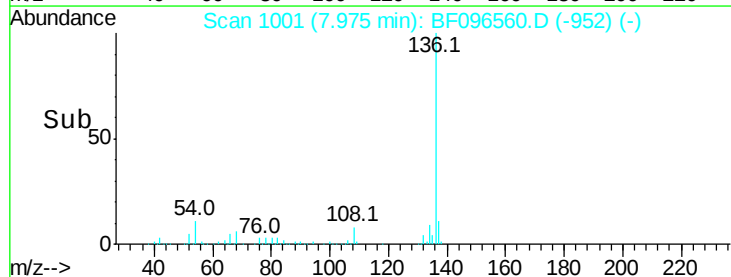
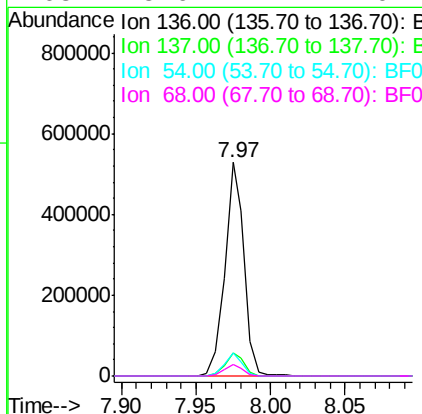
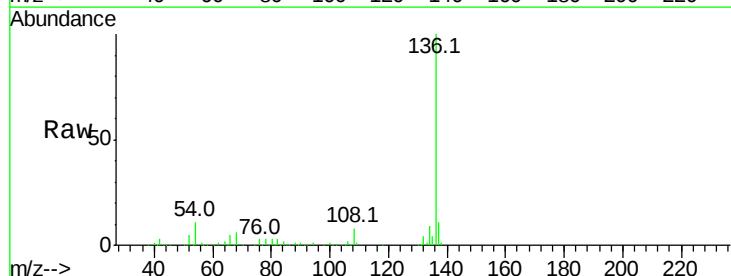
Instrument :
 BNA_F
 ClientSampleId :

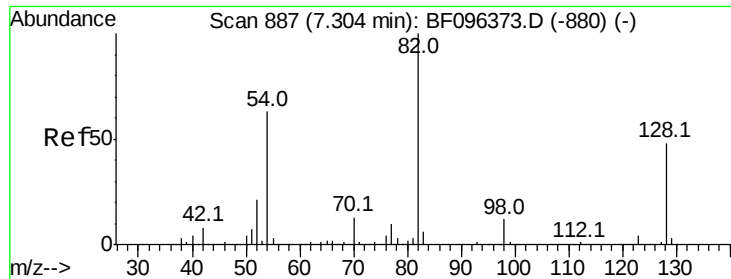
Tot Ion: 70 Resp: 66292
 Ion Ratio Lower Upper
 70 100
 42 55.1 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.2 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Tgt Ion:136 Resp: 478419
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.5 12.7
 54 10.8 4.9 7.3#
 68 5.6 4.1 6.1

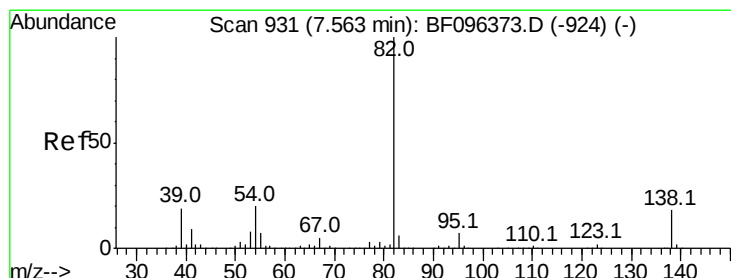
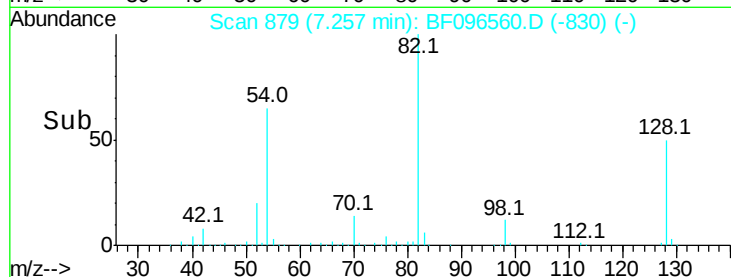
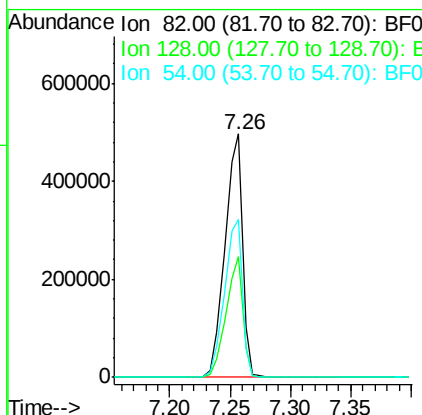
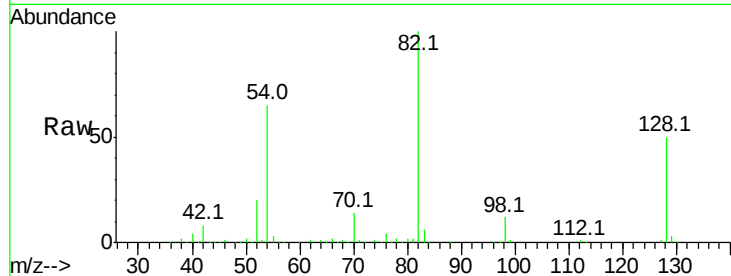




#23
 Nitrobenzene-d5
 Concen: 62.67 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

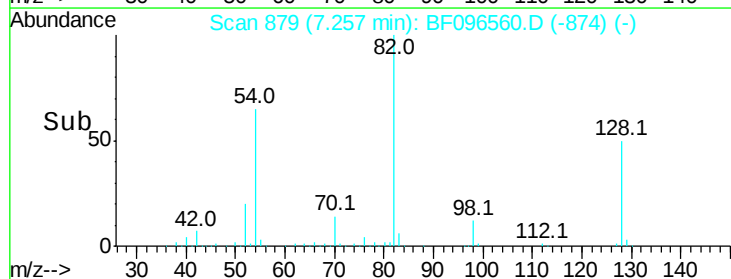
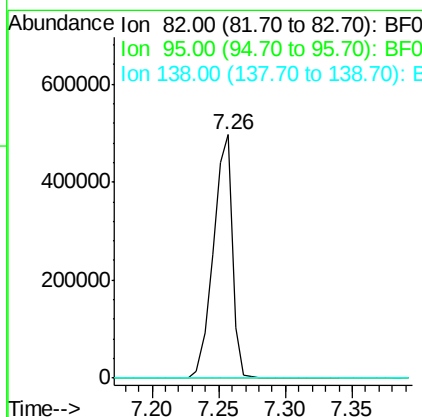
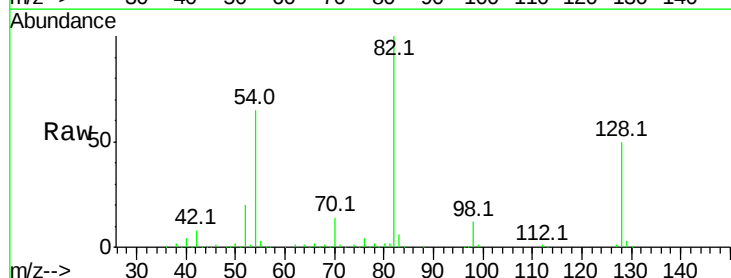
Instrument :
 BNA_F
 ClientSampleId :

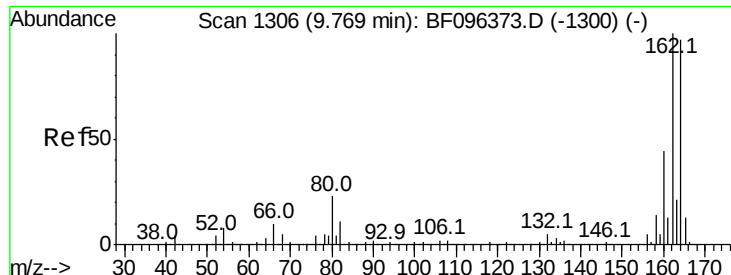
Tot Ion	82	Resp	498989
Ion Ratio	Lower	Upper	
82	100		
128	49.7	34.0	51.0
54	65.0	42.2	63.2#



#25
 Isophorone
 Concen: 32.18 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.27 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Tgt Ion	82	Resp	496748
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

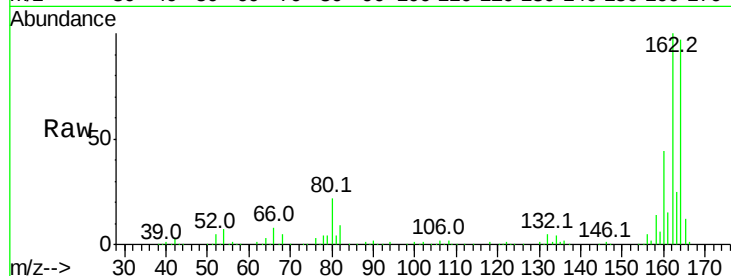




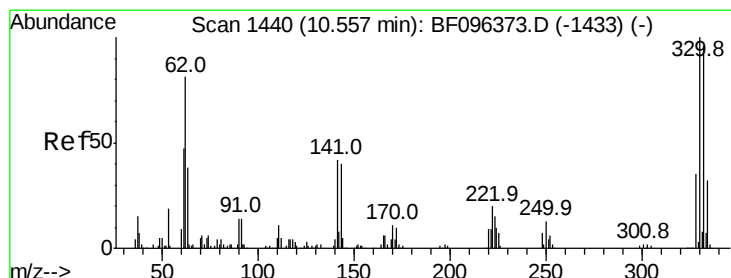
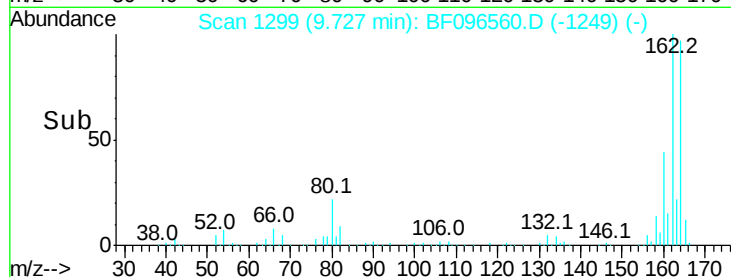
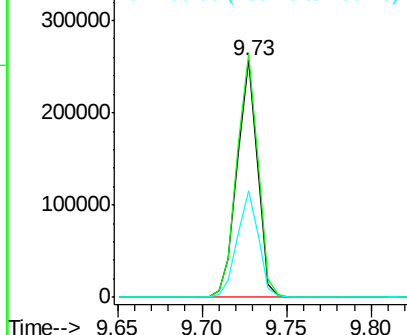
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 215863
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.1 36.2 54.2

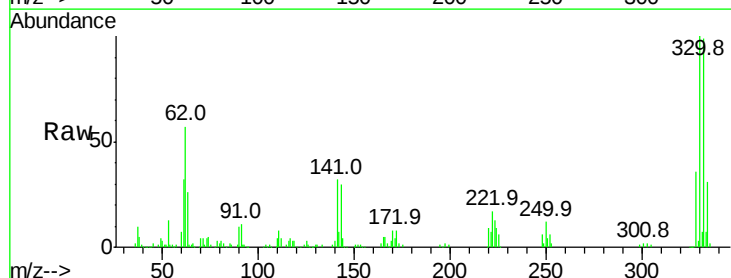


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

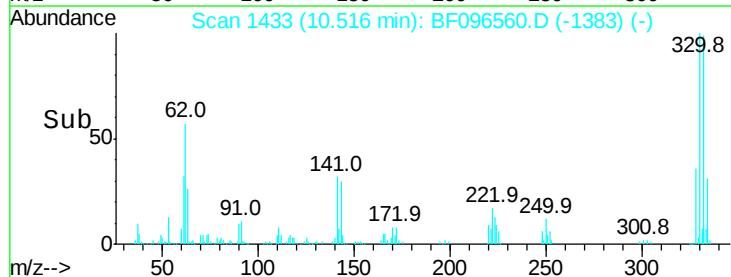
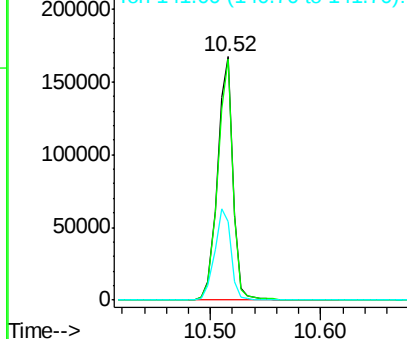


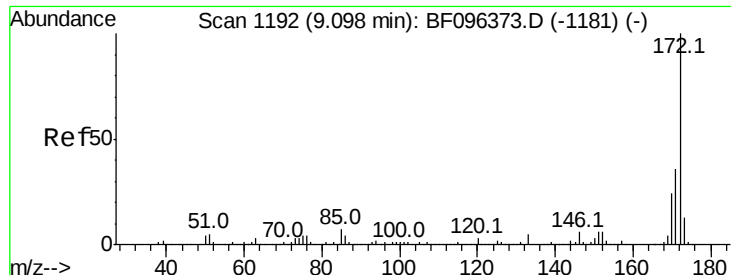
#41
2,4,6-Tribromophenol
Concen: 96.11 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Tgt Ion:330 Resp: 162063
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 39.3 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

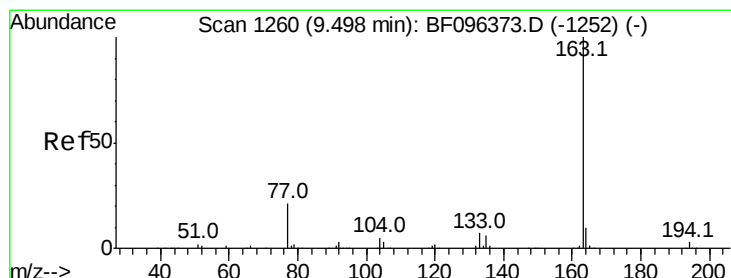
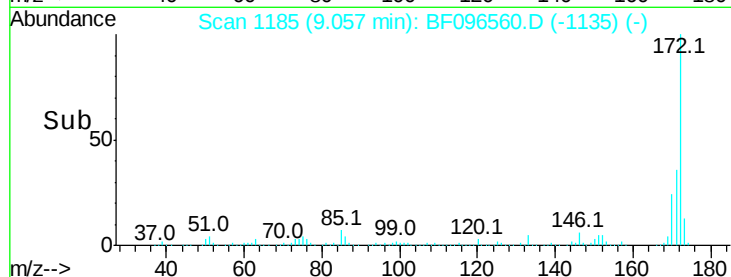
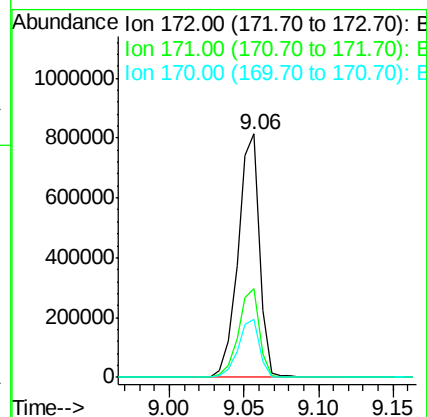
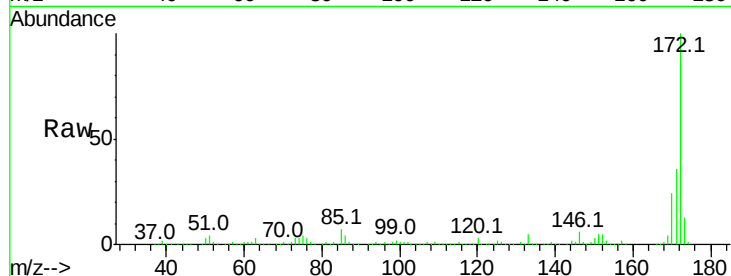




#44
2-Fluorobiphenyl
Concen: 65.34 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

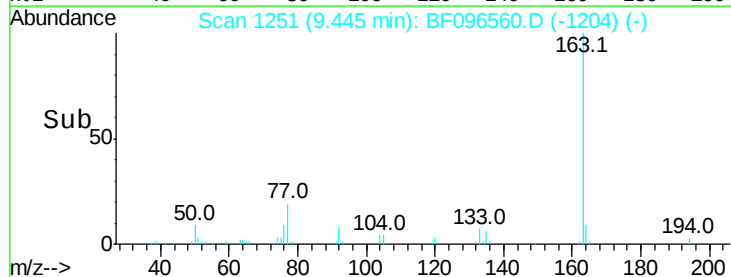
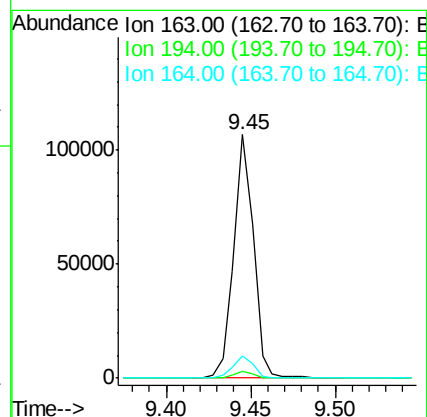
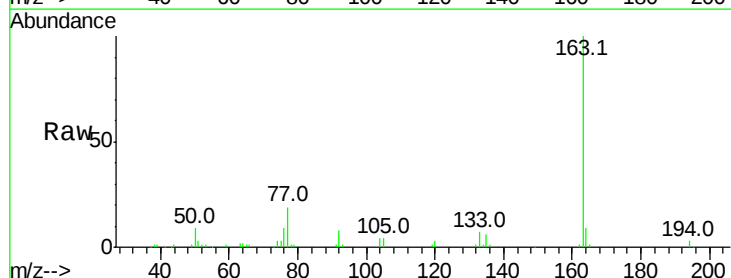
Instrument :
BNA_F
ClientSampled :

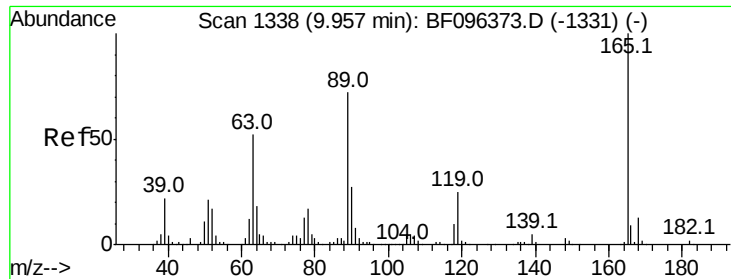
Tot Ion:172 Resp: 824919
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 5.37 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Tgt Ion:163 Resp: 86525
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.3 8.4 12.6

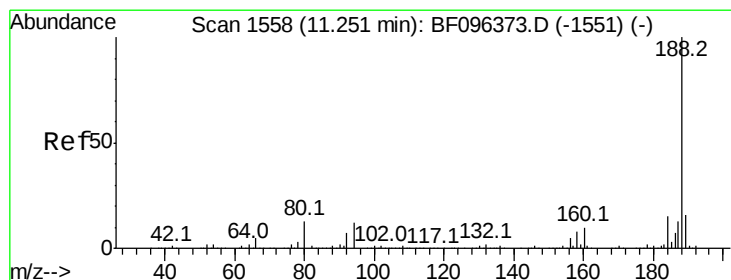
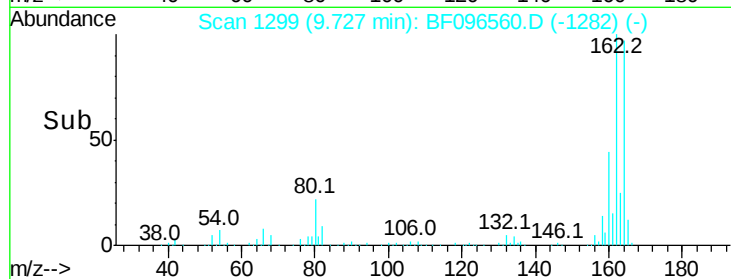
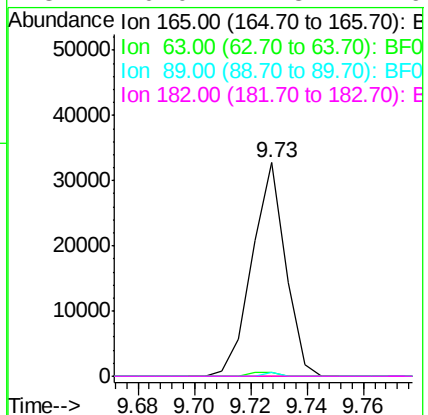
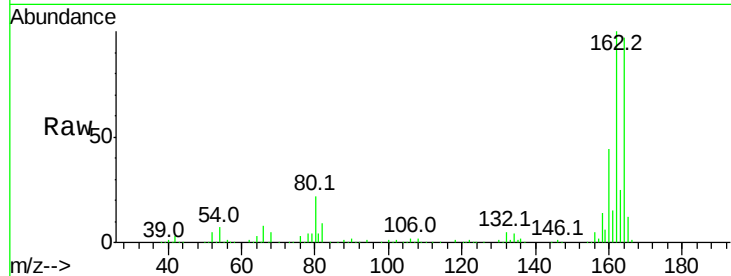




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

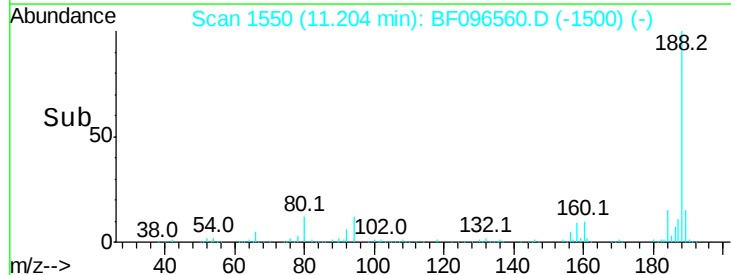
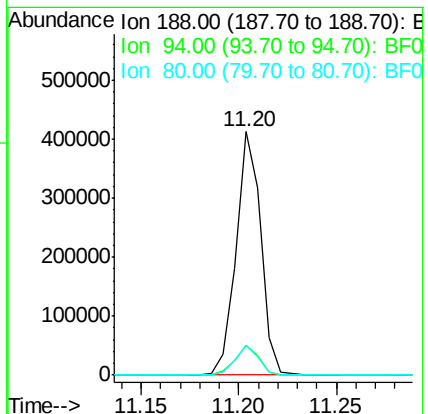
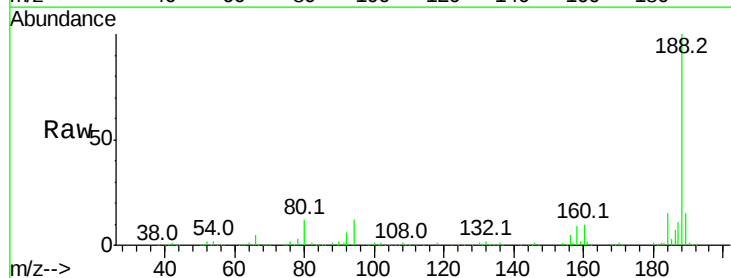
Instrument :
 BNA_F
 ClientSampleId :

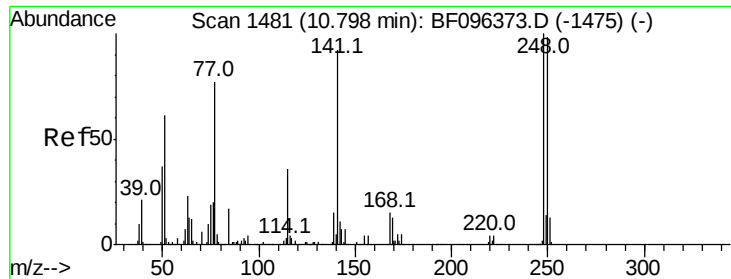
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.2	10.2	15.2

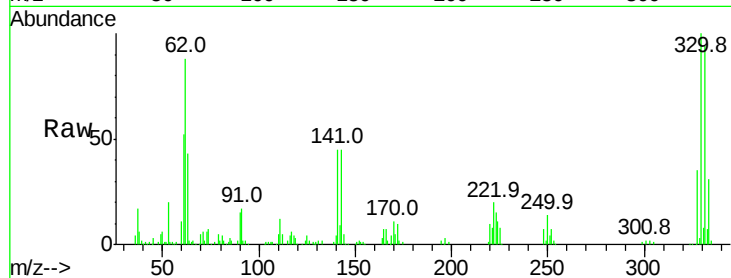




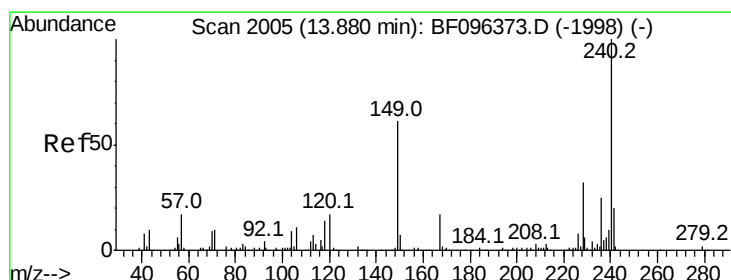
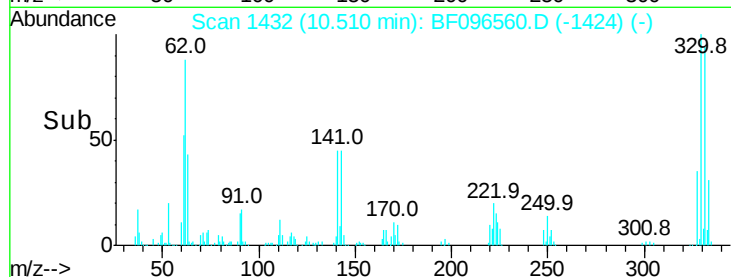
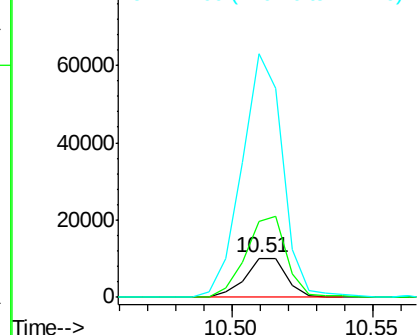
#66
4-Bromophenyl-phenylether
Concen: 2.93 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10308
Ion Ratio Lower Upper
248 100
250 195.1 76.8 115.2#
141 621.6 68.6 103.0#

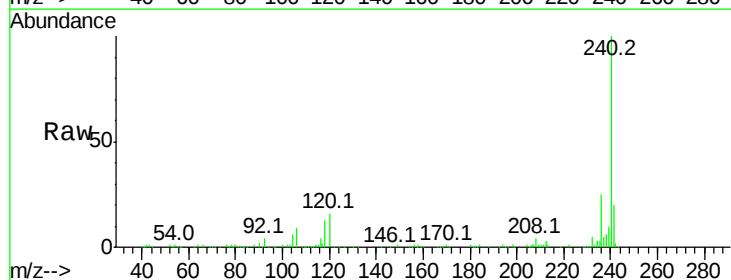


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

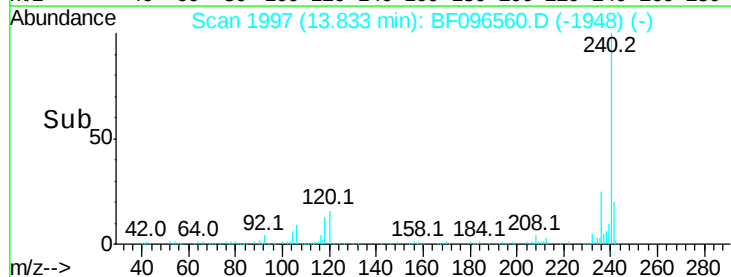
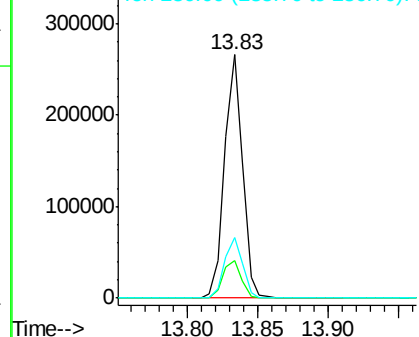


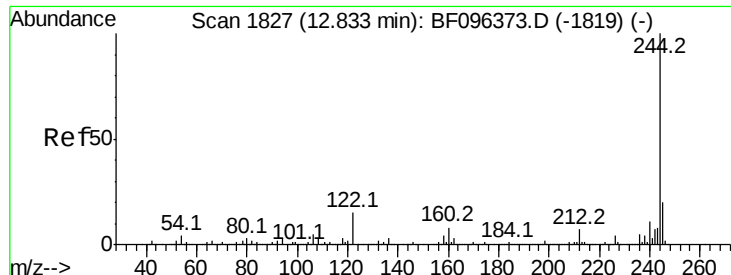
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Tgt Ion:240 Resp: 236786
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.0 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

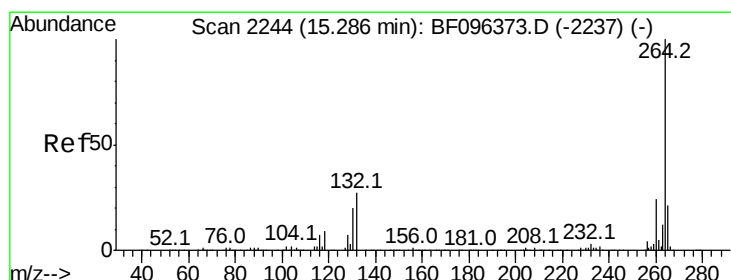
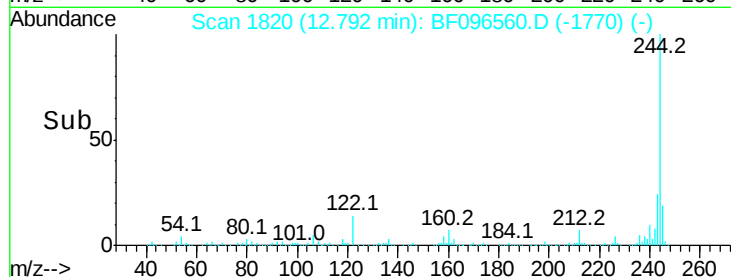
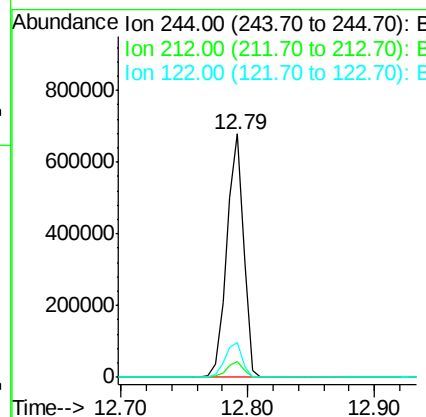
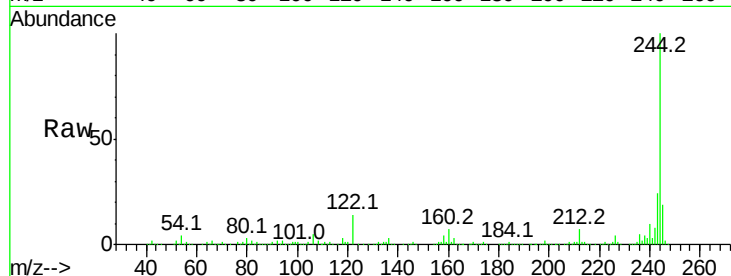




#78
 Terphenyl-d14
 Concen: 56.45 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 625520
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.1 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: BF096560.D
 Acq: 7 Jul 2017 15:42

Tgt Ion:264 Resp: 190098
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.7 17.2 25.8

