

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096562.D
 Acq On : 7 Jul 2017 16:37
 Operator : SJ/MA
 Sample : I4064-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 18:00:33 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

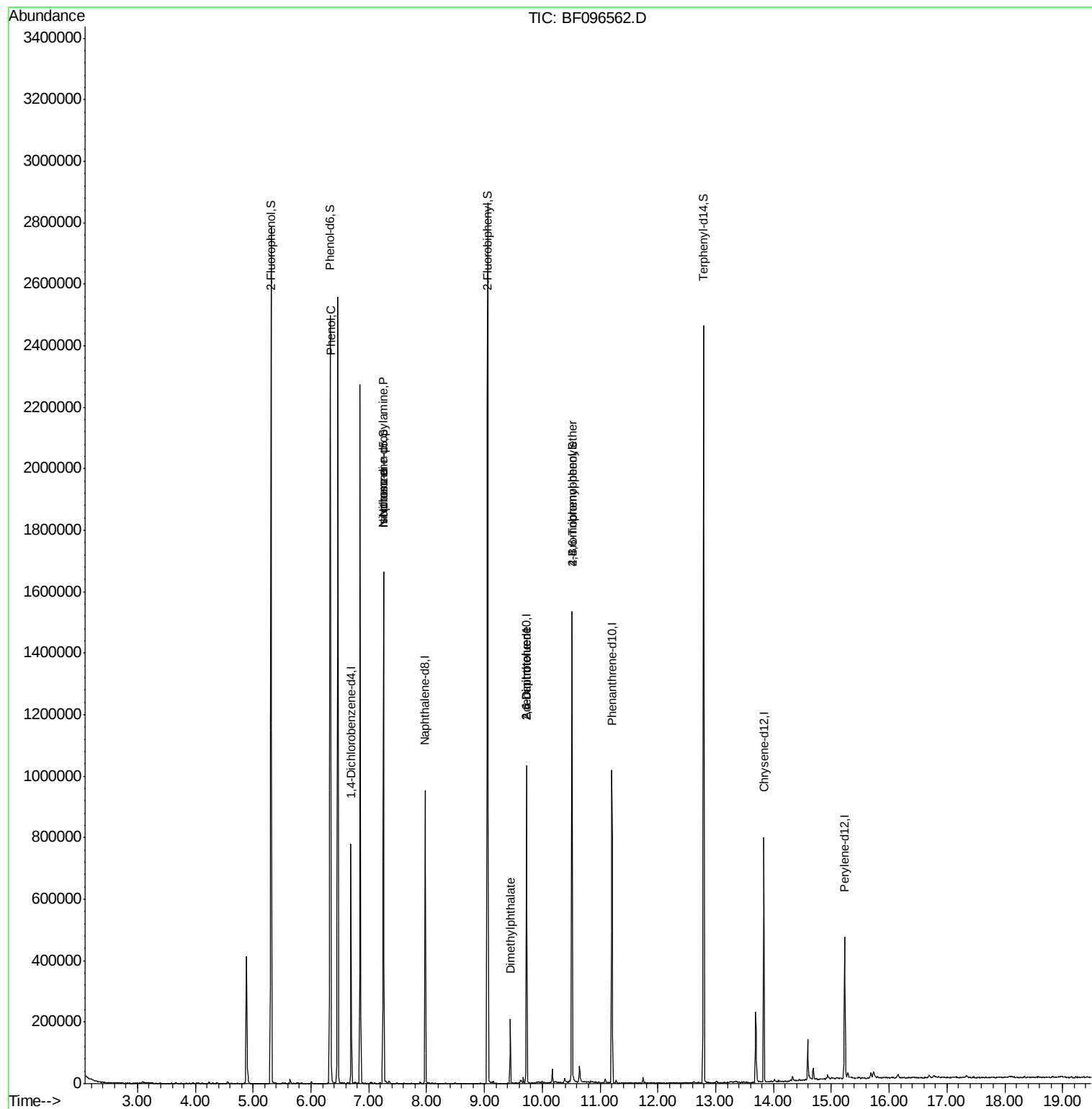
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113566	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	437924	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	199146	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	360409	20.00	ng	0.00
75) Chrysene-d12	13.83	240	249100	20.00	ng	-0.01
86) Perylene-d12	15.23	264	184967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	774274	100.63	ng	0.00
7) Phenol-d6	6.33	99	972131	102.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	497856	68.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	182910	117.58	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	930711	79.91	ng	0.00
78) Terphenyl-d14	12.79	244	819960	70.34	ng	0.00
Target Compounds						
10) Phenol	6.35	94	30490	2.83	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.26	70	65682	11.66	ng	# 88
25) Isophorone	7.26	82	497634	35.22	ng	# 67
49) Dimethylphthalate	9.45	163	80289	5.40	ng	99
50) 2,6-Dinitrotoluene	9.73	165	24718	7.52	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	24718	5.94	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	11410	3.25	ng	# 1

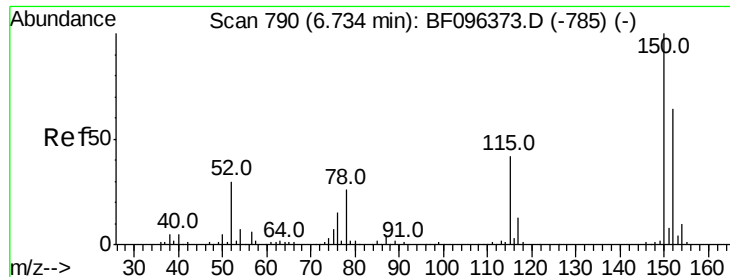
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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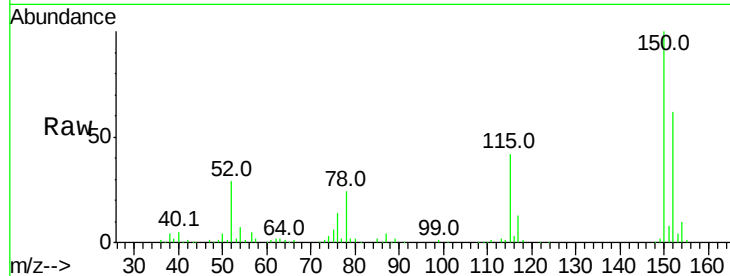


#1

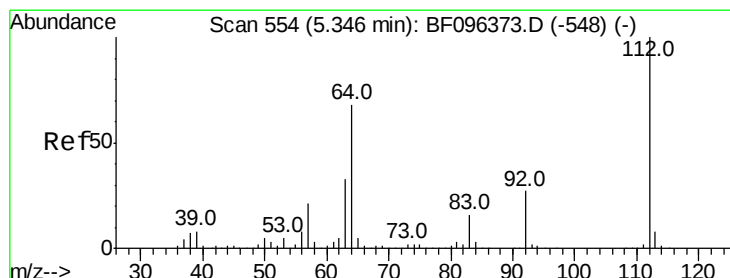
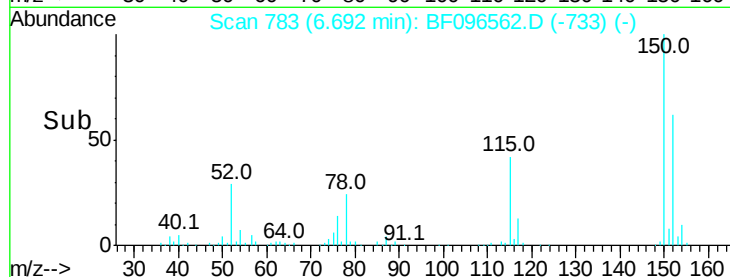
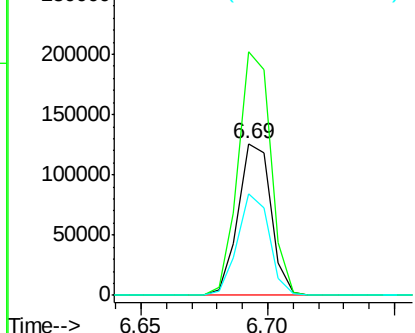
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113566
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 66.9 52.2 78.2



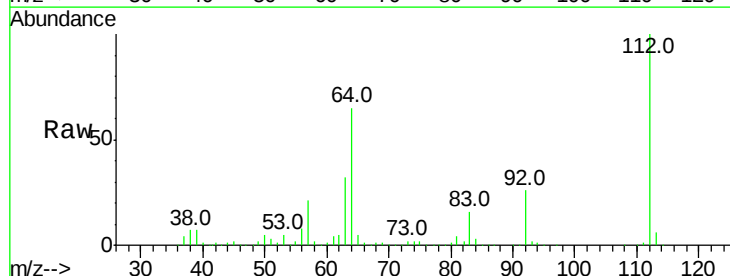
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



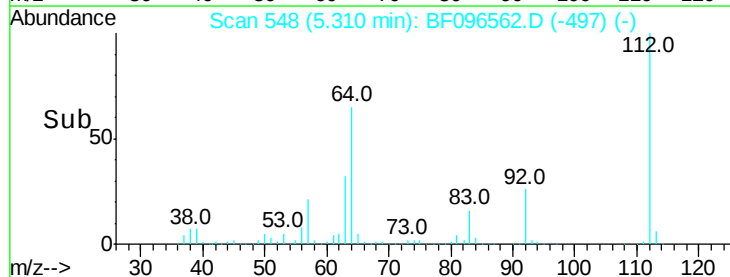
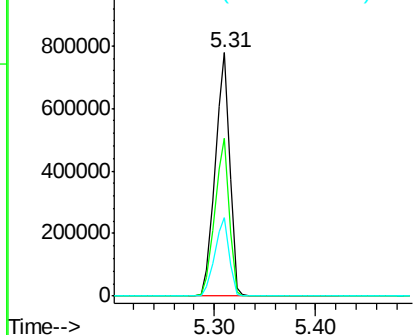
#5

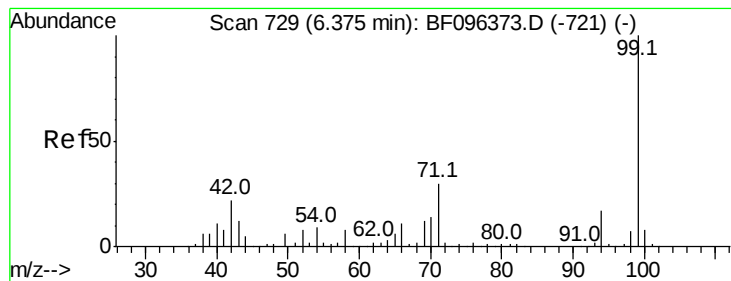
2-Fluorophenol
Concen: 100.63 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:112 Resp: 774274
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 32.5 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: 102.77 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096562.D

Acq: 7 Jul 2017 16:37

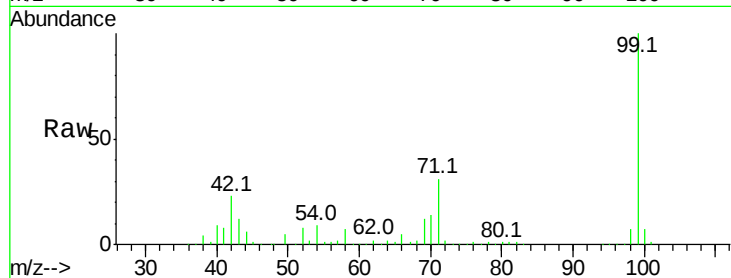
Instrument :

BNA_F

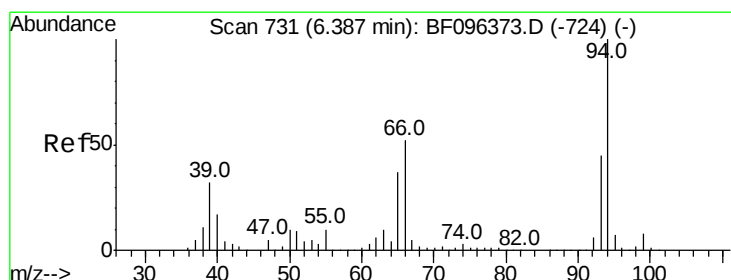
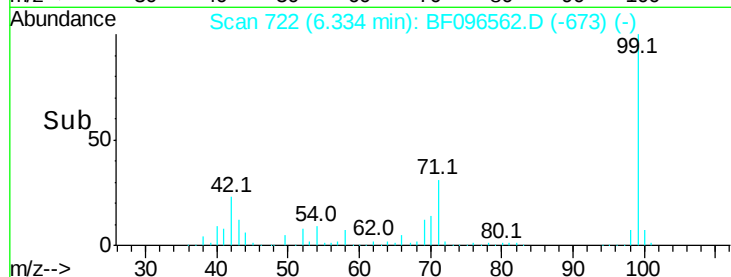
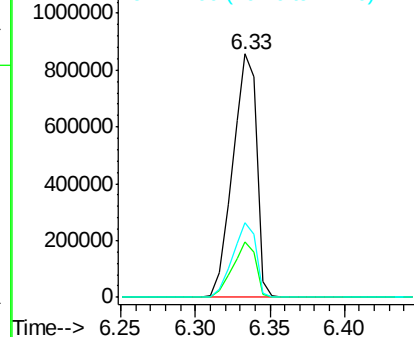
ClientSampleId :

Tot Ion: 99 Resp: 972131

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	30.8	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: 2.83 ng

RT: 6.35 min Scan# 724

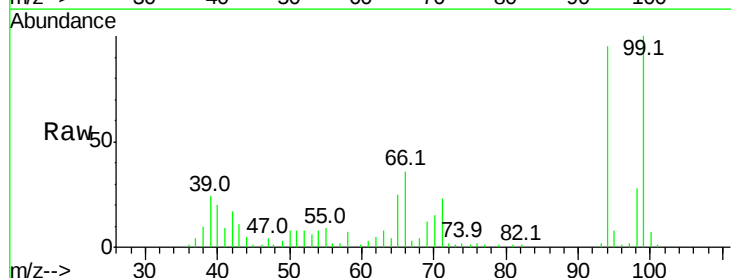
Delta R.T. -0.01 min

Lab File: BF096562.D

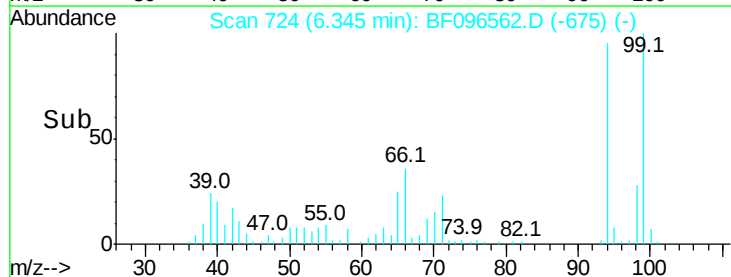
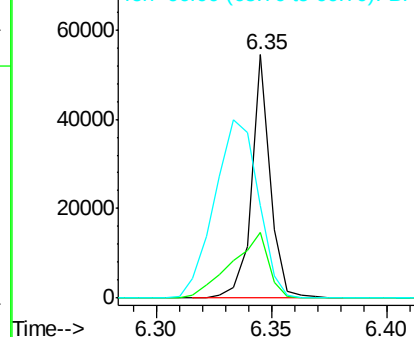
Acq: 7 Jul 2017 16:37

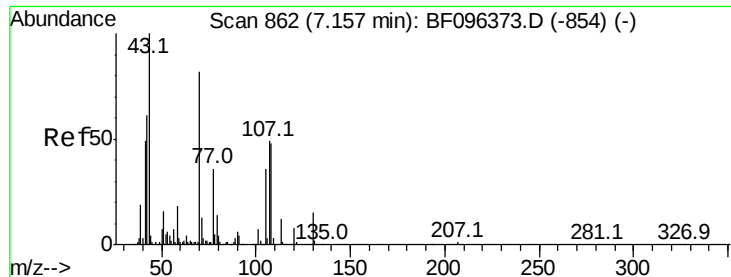
Tgt Ion: 94 Resp: 30490

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	37.8	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

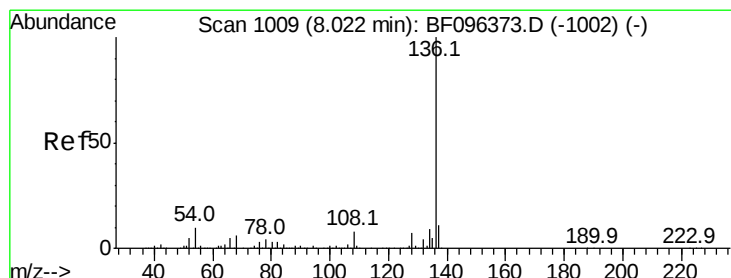
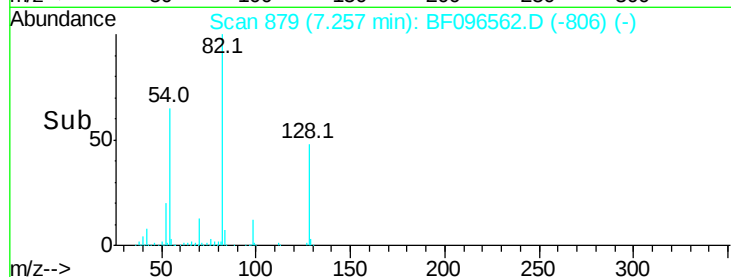
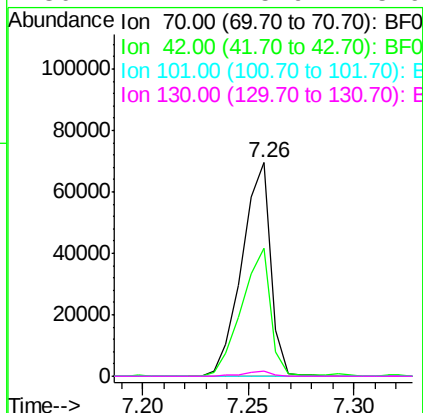
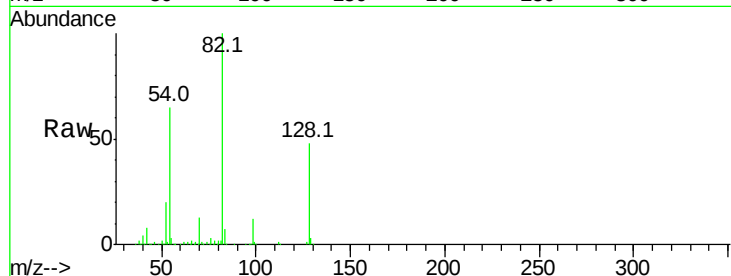




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.66 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.13 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

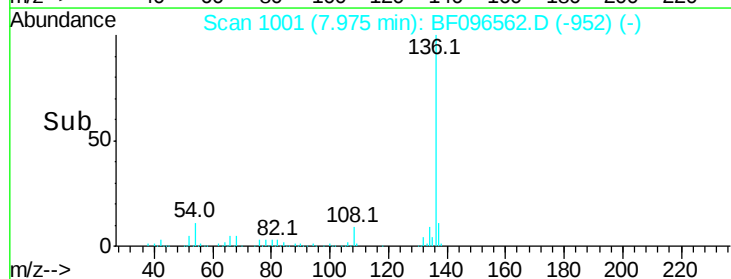
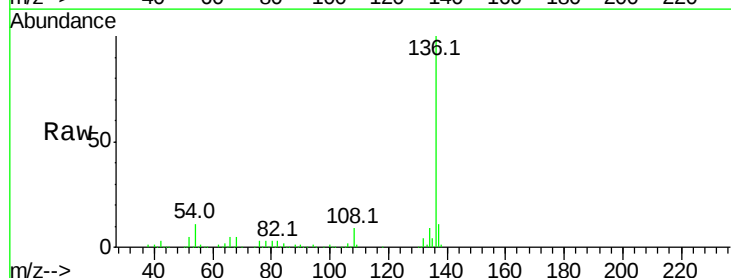
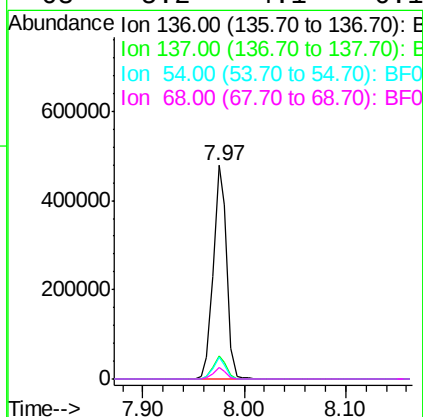
Instrument :
 BNA_F
 ClientSampleId :

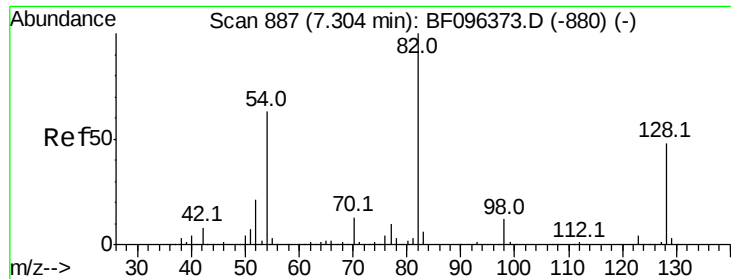
Tot Ion: 70 Resp: 65682
 Ion Ratio Lower Upper
 70 100
 42 59.7 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.7 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Tgt Ion:136 Resp: 437924
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.5 12.7
 54 10.5 4.9 7.3#
 68 5.2 4.1 6.1

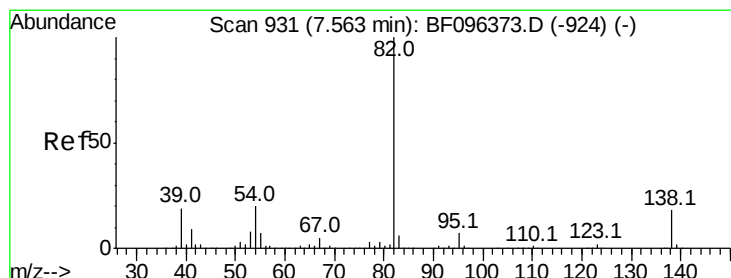
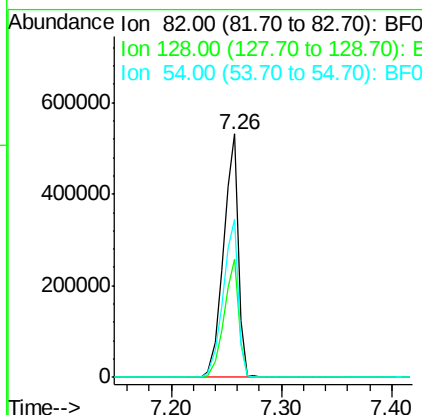
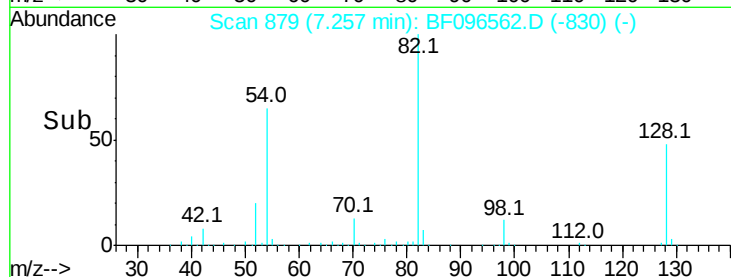
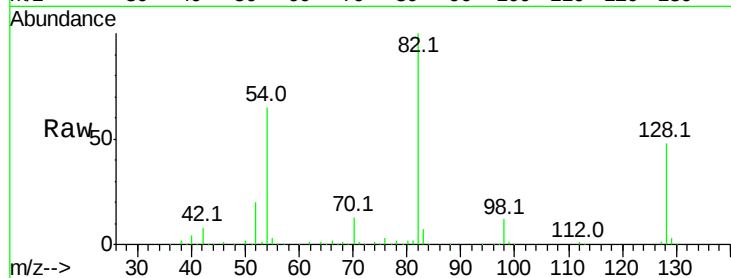




#23
 Nitrobenzene-d5
 Concen: 68.31 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

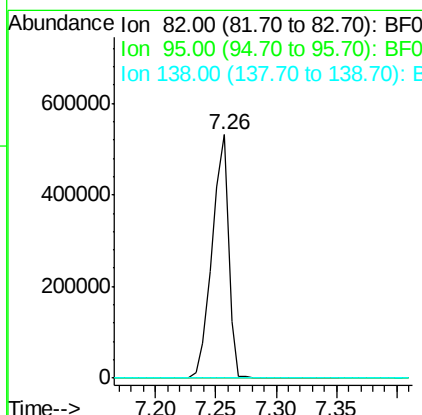
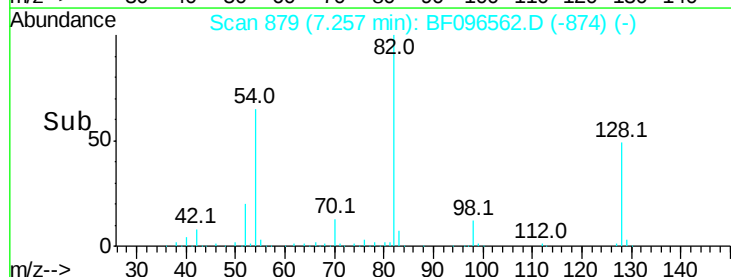
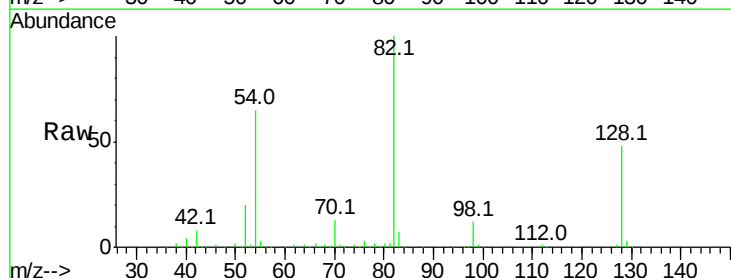
Instrument :
 BNA_F
 ClientSampleId :

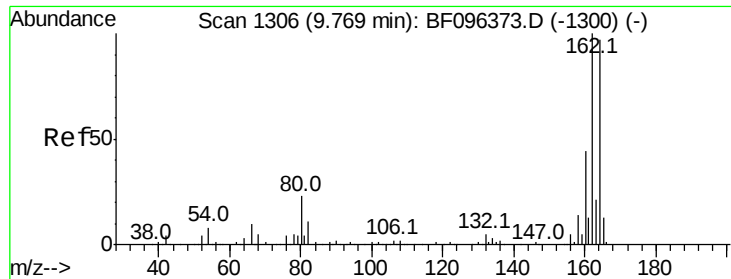
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	64.9	42.2	63.2#



#25
 Isophorone
 Concen: 35.22 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.27 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

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

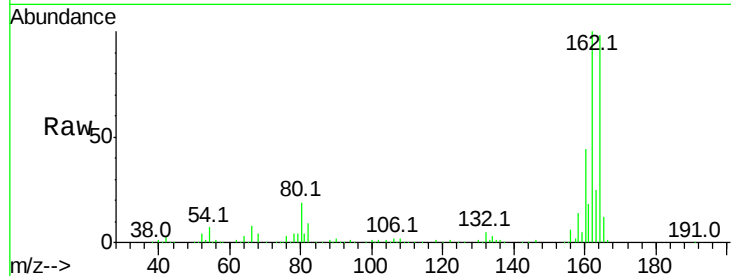




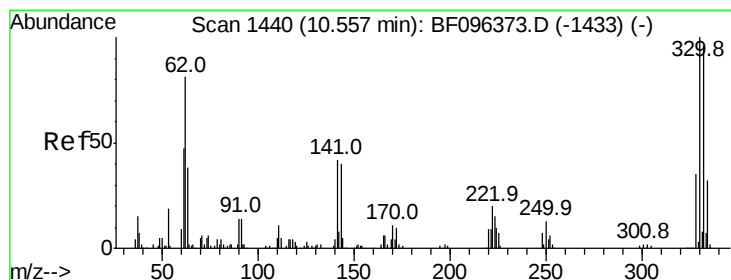
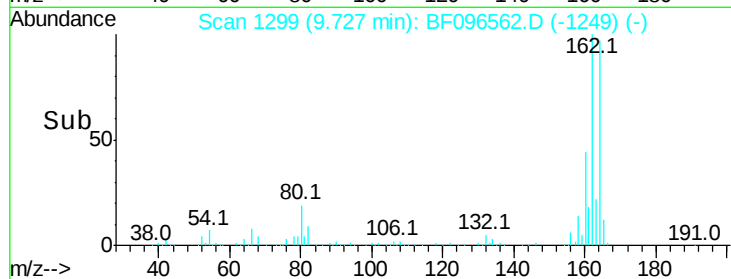
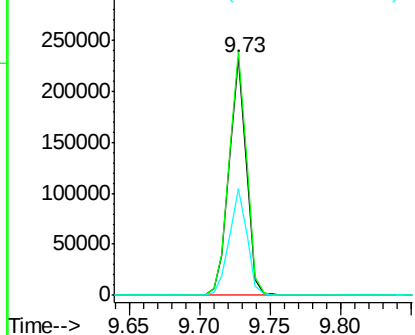
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 199146
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 45.1 36.2 54.2

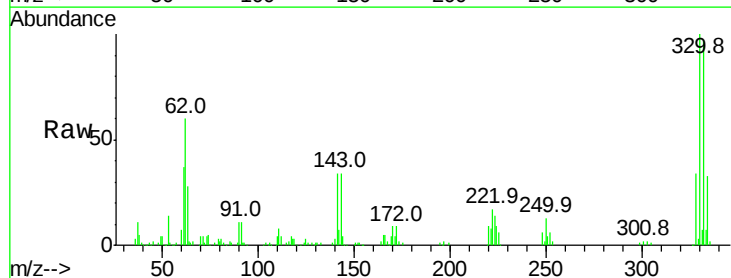


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

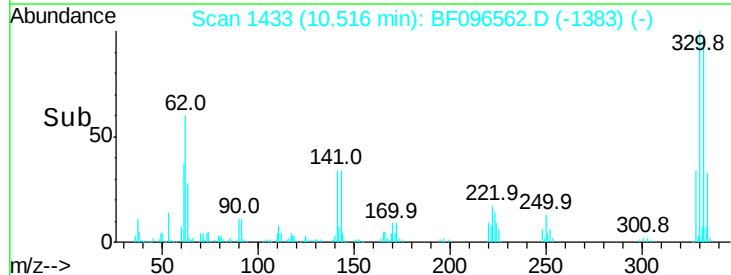
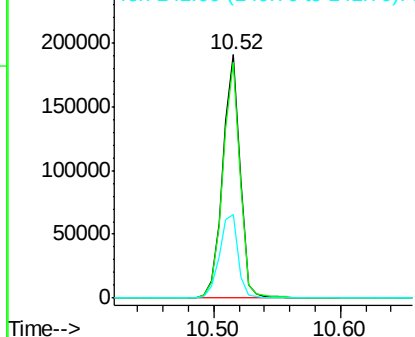


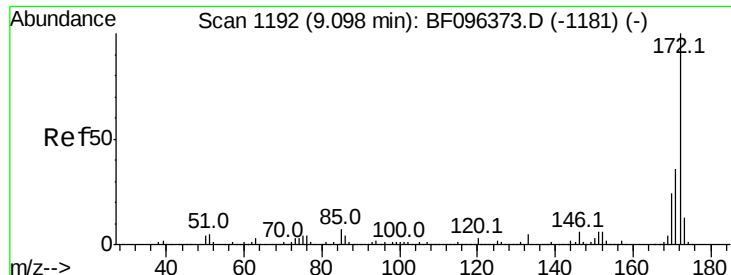
#41
 2,4,6-Tribromophenol
 Concen: 117.58 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Tgt Ion:330 Resp: 182910
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 36.9 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

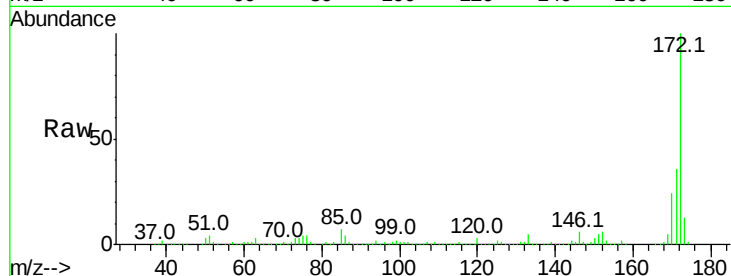




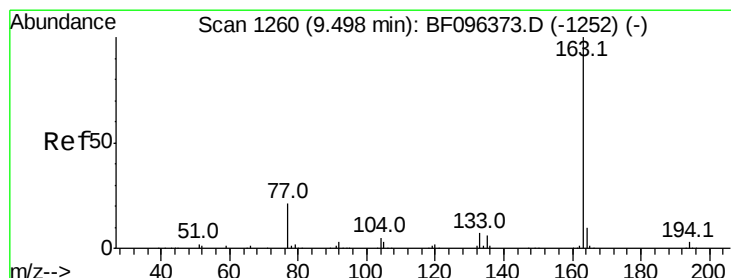
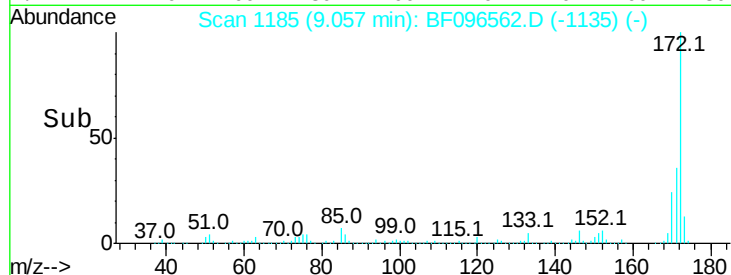
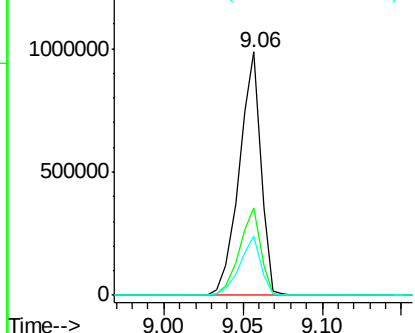
#44
2-Fluorobiphenyl
Concen: 79.91 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 930711
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.8 29.8

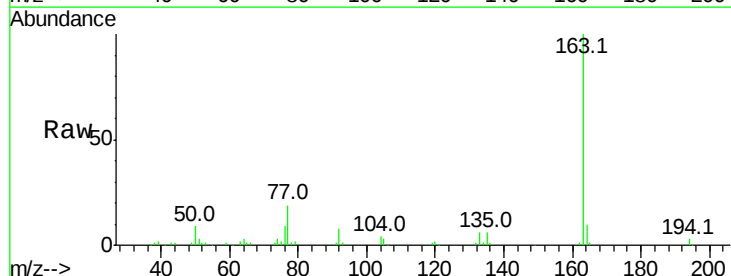


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

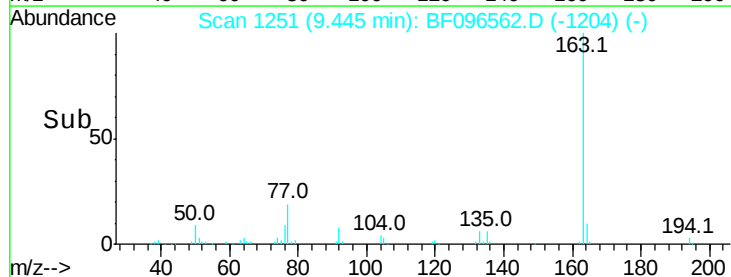
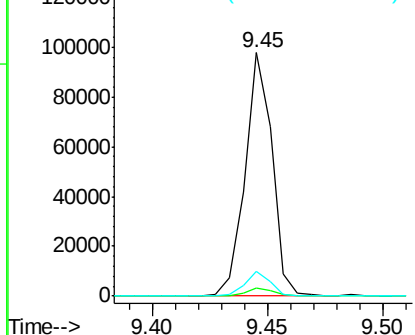


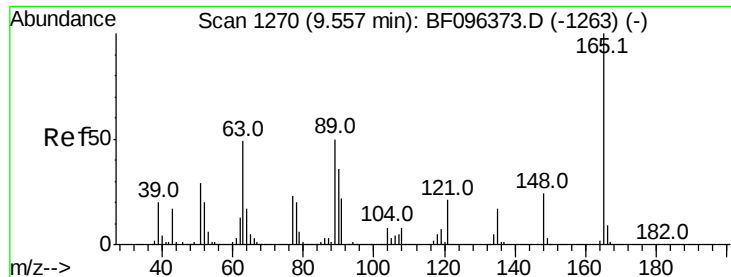
#49
Dimethylphthalate
Concen: 5.40 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Tgt Ion:163 Resp: 80289
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 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

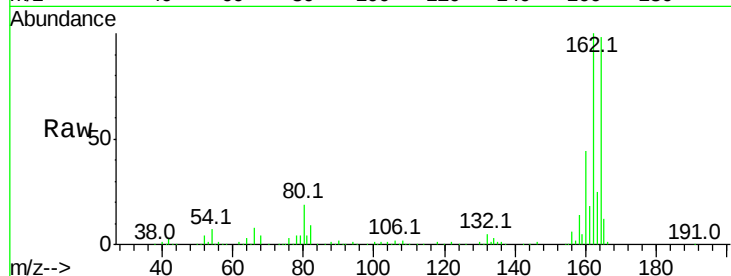




#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

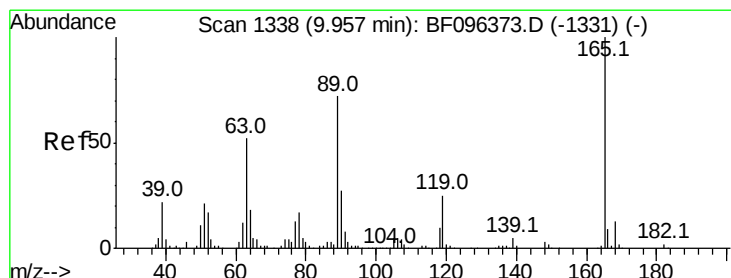
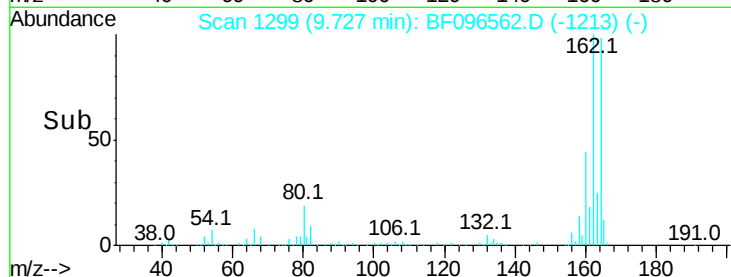
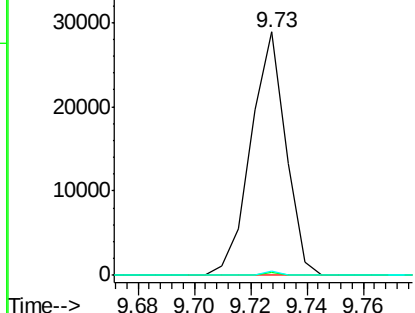
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.8	37.1	55.7#



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: 5.94 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096562.D
Acq: 7 Jul 2017 16:37

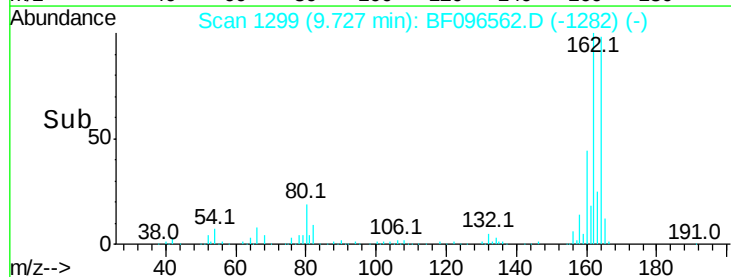
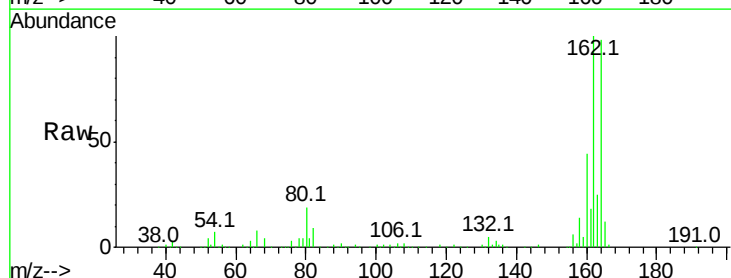
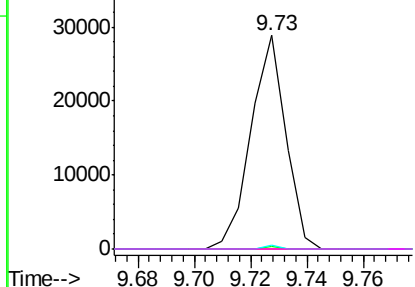
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

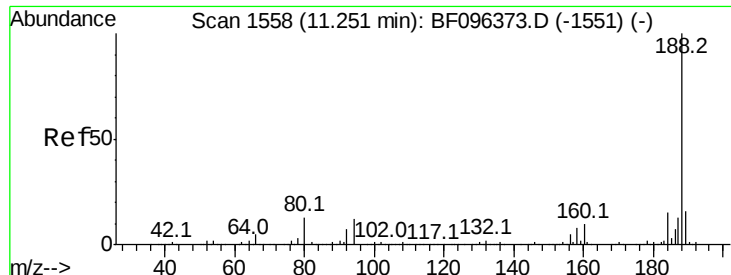
Abundance Ion 165.00 (164.70 to 165.70): E

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

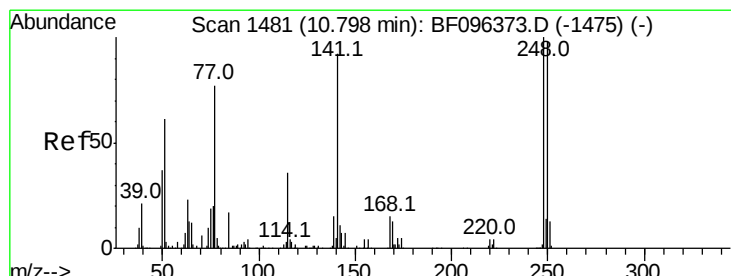
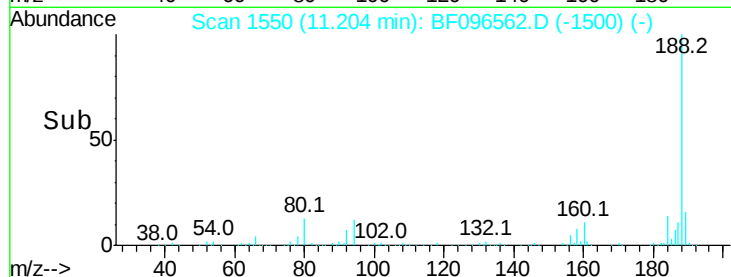
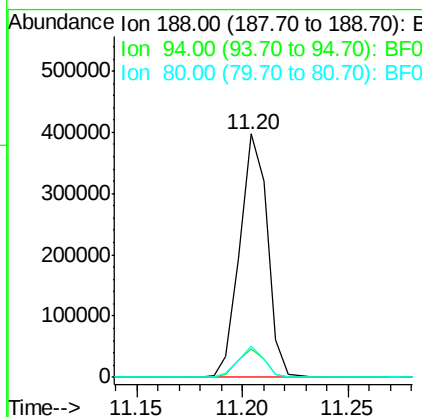
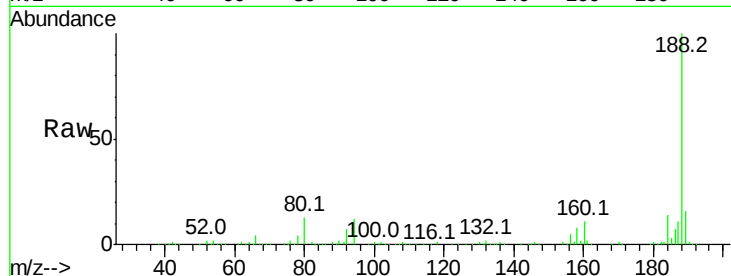




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

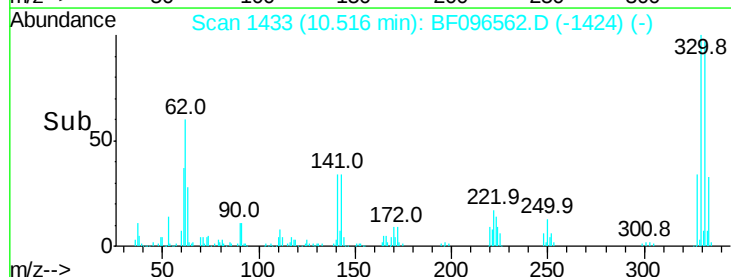
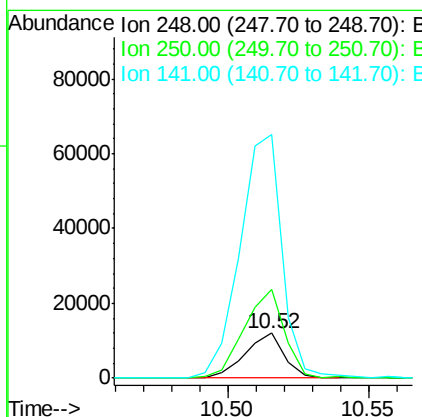
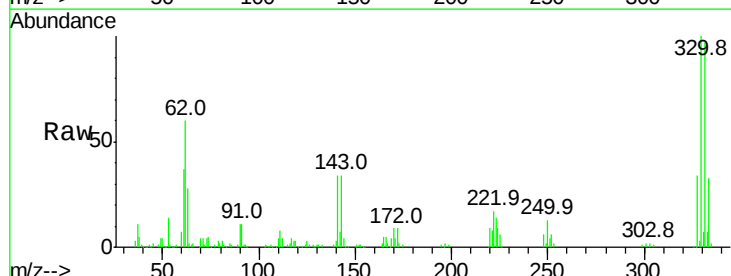
Instrument :
 BNA_F
 ClientSampleId :

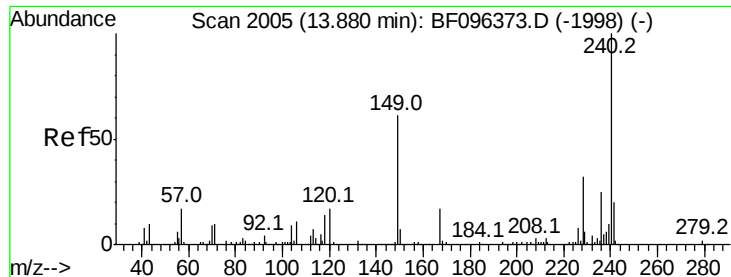
Tot Ion:188 Resp: 360409
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 12.5 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.25 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Tgt Ion:248 Resp: 11410
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.8 115.2#
 141 542.6 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096562.D

Acq: 7 Jul 2017 16:37

Instrument :

BNA_F

ClientSampleId :

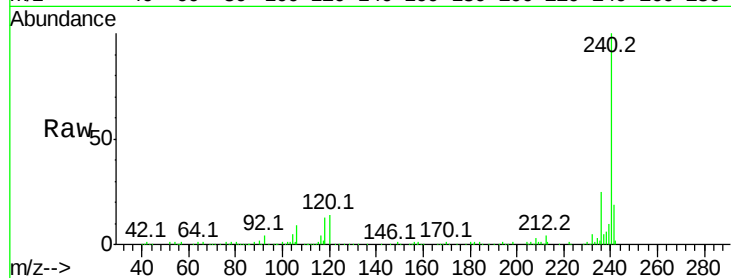
Tot Ion:240 Resp: 249100

Ion Ratio Lower Upper

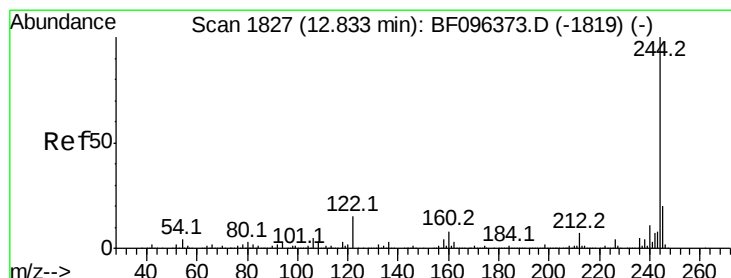
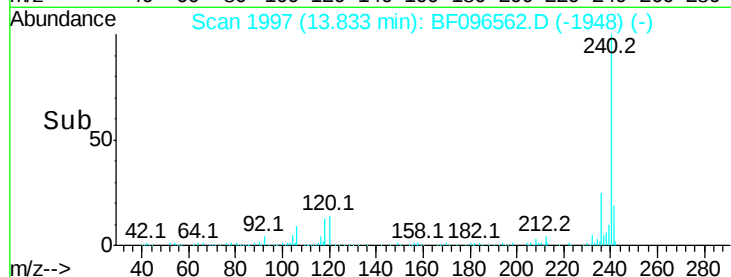
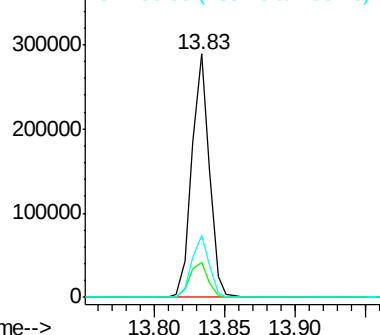
240 100

120 14.5 5.8 8.8#

236 25.4 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: 70.34 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096562.D

Acq: 7 Jul 2017 16:37

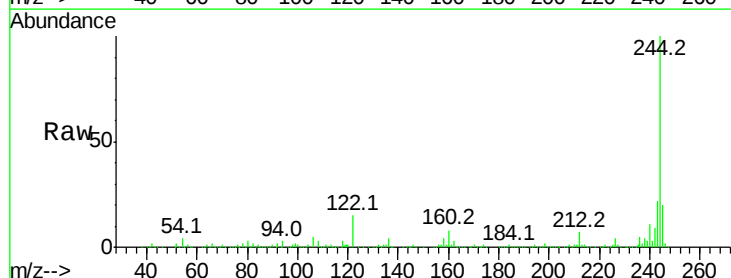
Tgt Ion:244 Resp: 819960

Ion Ratio Lower Upper

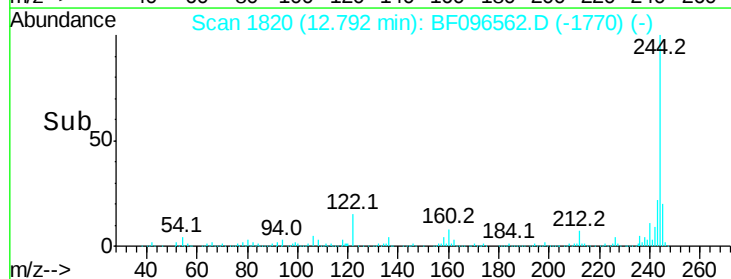
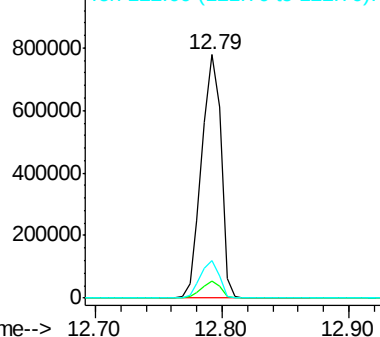
244 100

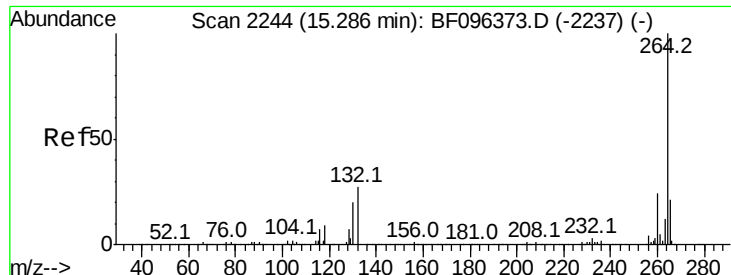
212 6.8 6.0 9.0

122 15.5 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

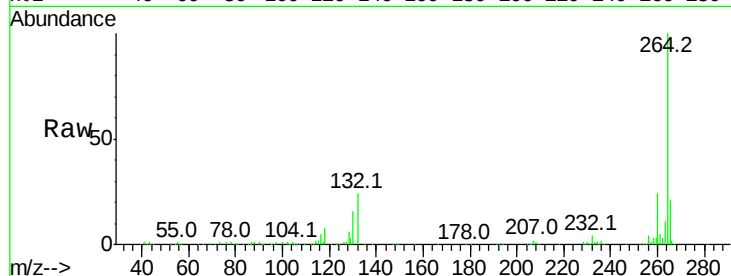




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096562.D
 Acq: 7 Jul 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

