

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096514.D
 Acq On : 6 Jul 2017 6:05
 Operator : SJ/MA
 Sample : I3975-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 06:36:58 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

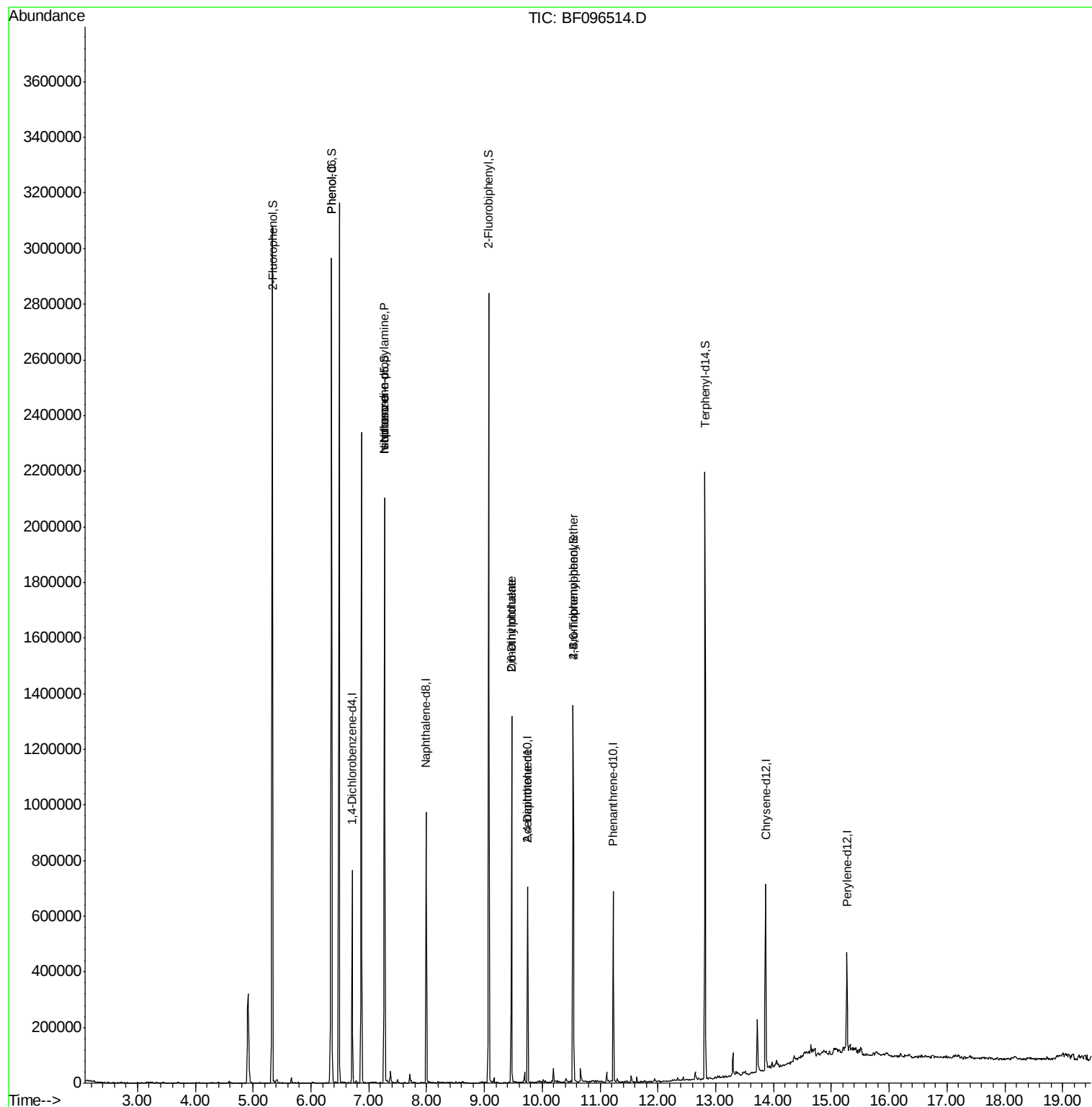
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113883	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	426453	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	143610	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	223148	20.00	ng	0.00
75) Chrysene-d12	13.86	240	219397	20.00	ng	0.00
86) Perylene-d12	15.27	264	152198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	916688	118.81	ng	0.01
7) Phenol-d6	6.36	99	1077259	113.57	ng	0.00
23) Nitrobenzene-d5	7.27	82	649010	91.45	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	146123	130.26	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	869809	103.56	ng	0.00
78) Terphenyl-d14	12.82	244	669855	65.24	ng	0.00
Target Compounds						
10) Phenol	6.36	94	26933	2.49	ng	# 61
19) n-Nitroso-di-n-propylamine	7.27	70	86676	15.34	ng	# 89
25) Isophorone	7.27	82	645567	46.92	ng	# 67
49) Dimethylphthalate	9.47	163	497490	46.41	ng	100
50) 2,6-Dinitrotoluene	9.47	165	5060	2.13	ng	# 1
56) 2,4-Dinitrotoluene	9.75	165	18431	6.14	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	9812	4.52	ng	# 1

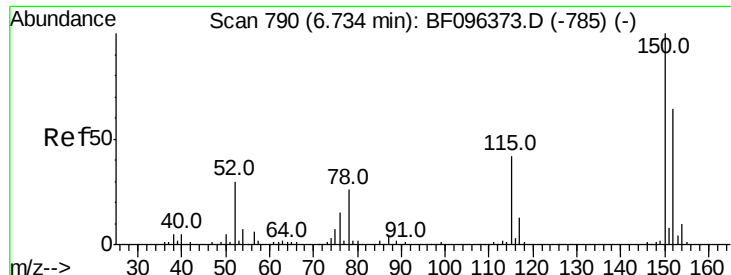
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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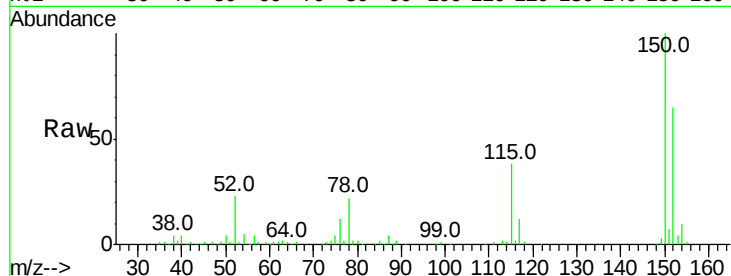


#1

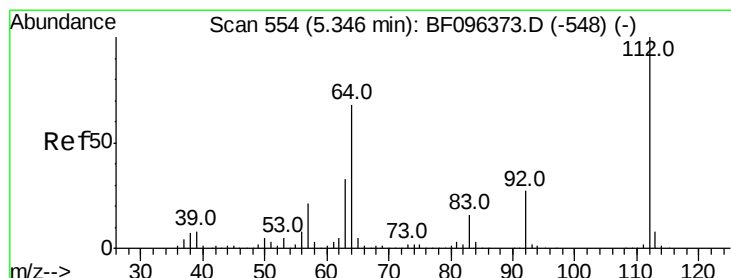
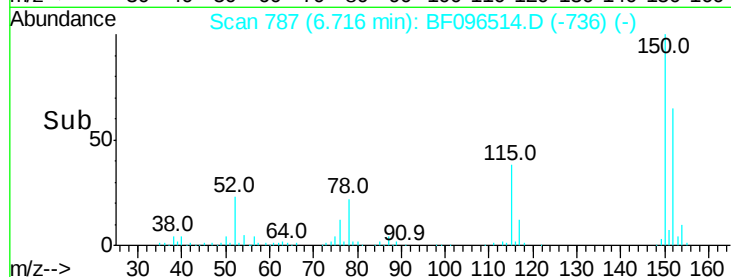
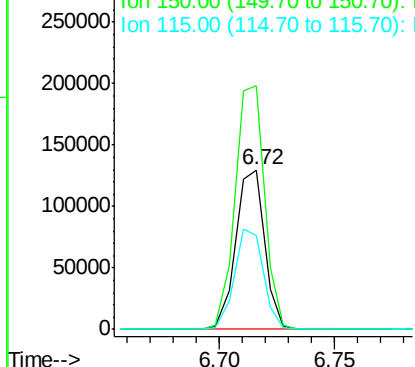
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.2	189.2
115	58.5	52.2	78.2



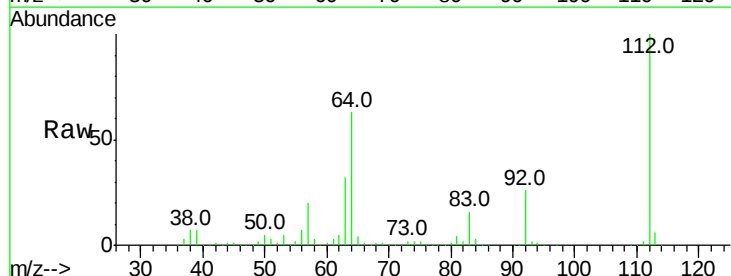
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



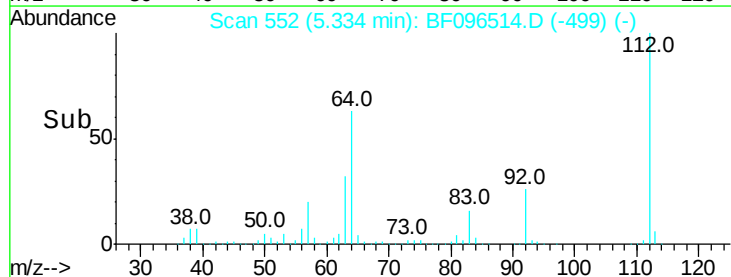
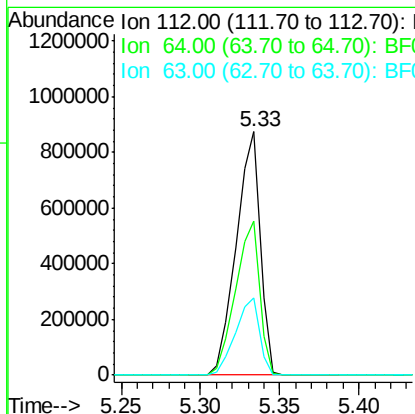
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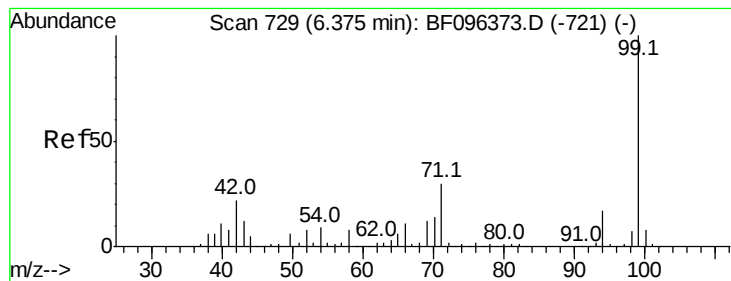
2-Fluorophenol
 Concen: 118.81 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.0	69.0
63	32.0	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: 113.57 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096514.D

Acq: 6 Jul 2017 6:05

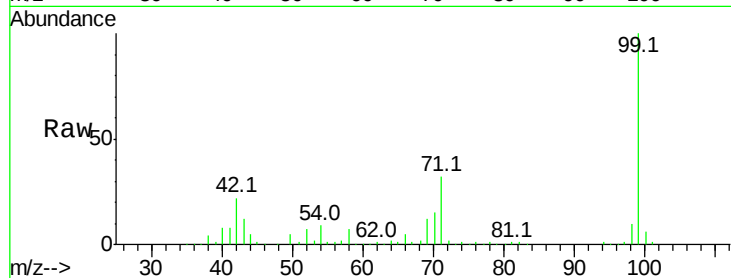
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1077259

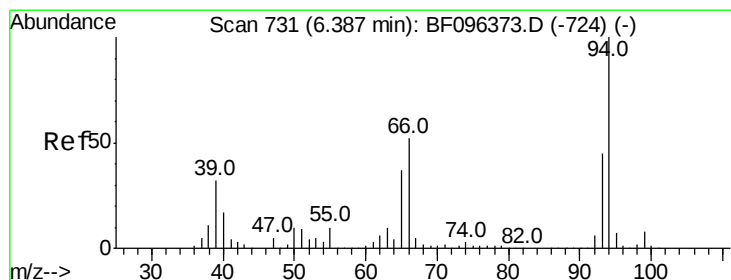
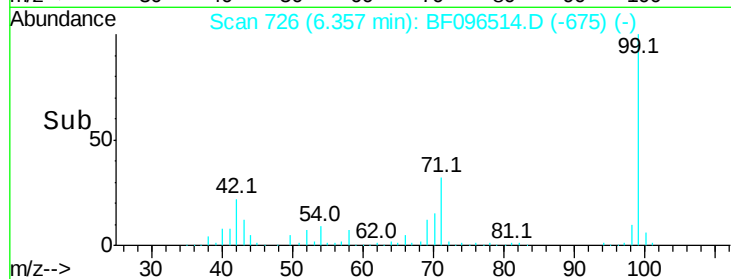
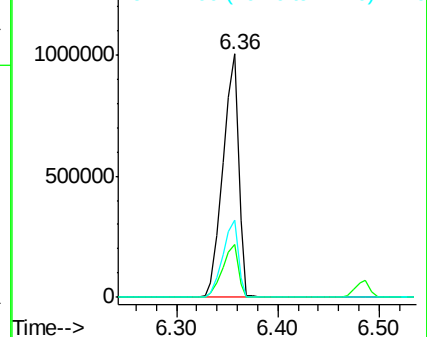
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	32.0	24.5	36.7



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: 2.49 ng

RT: 6.36 min Scan# 727

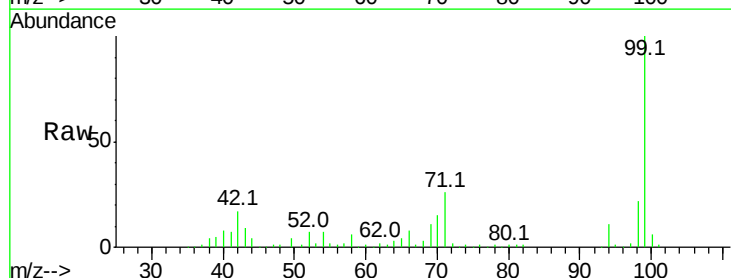
Delta R.T. -0.01 min

Lab File: BF096514.D

Acq: 6 Jul 2017 6:05

Tgt Ion: 94 Resp: 26933

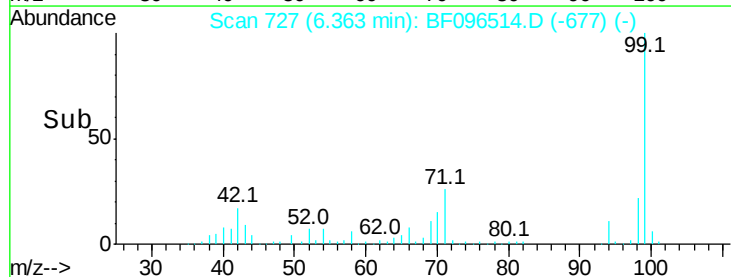
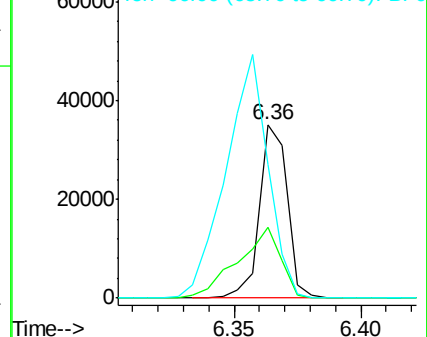
Ion	Ratio	Lower	Upper
94	100		
65	40.4	9.9	49.9
66	76.9	23.1	63.1#

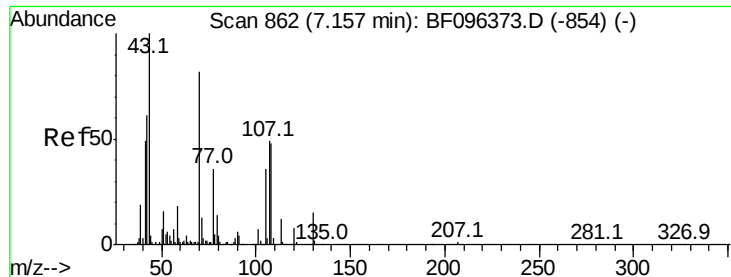


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

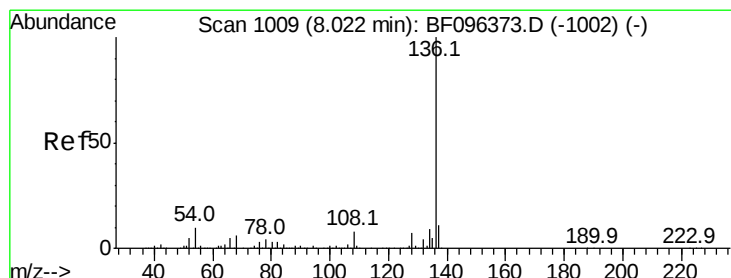
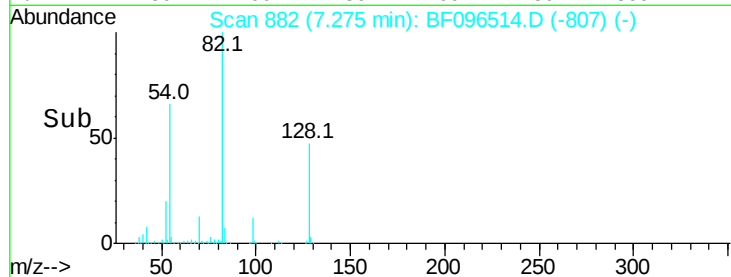
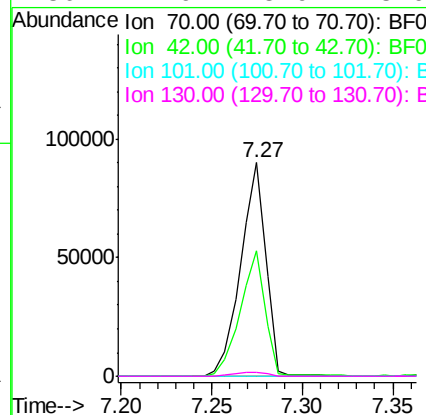
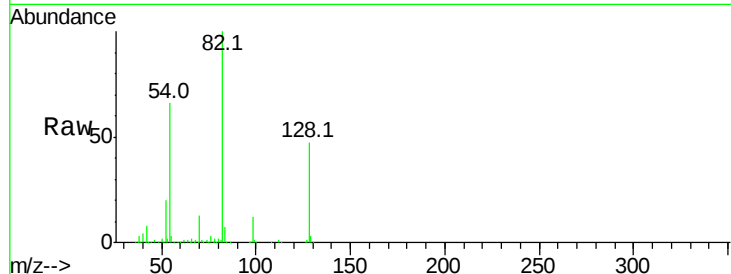




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.34 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.14 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

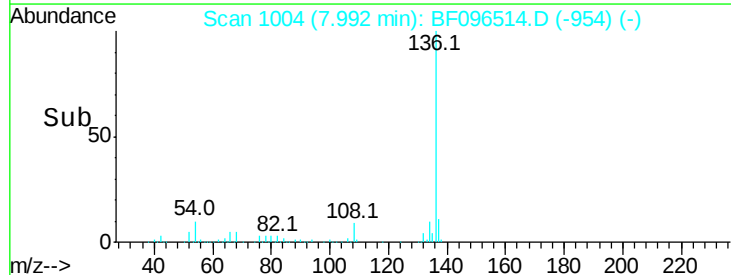
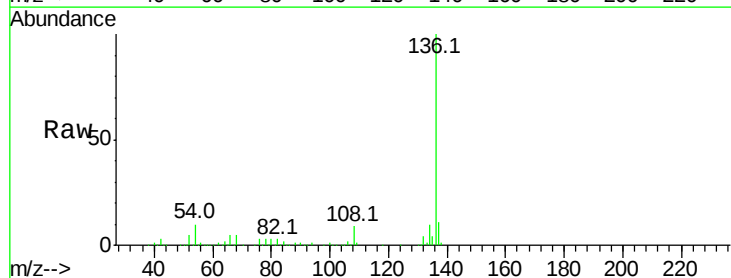
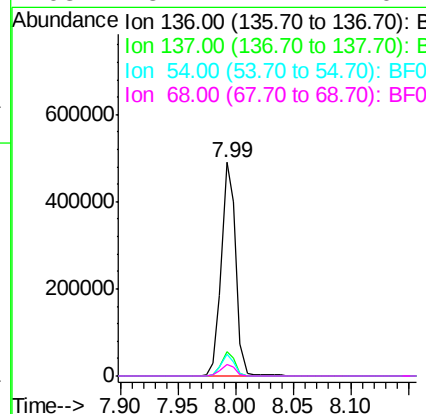
Instrument :
 BNA_F
 ClientSampled :

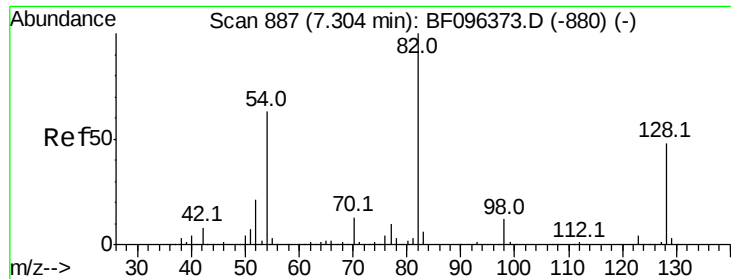
Tot Ion: 70 Resp: 86676
 Ion Ratio Lower Upper
 70 100
 42 58.9 47.2 70.8
 101 0.0 7.2 10.8#
 130 1.9 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Tgt Ion:136 Resp: 426453
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.5 12.7
 54 10.4 4.9 7.3#
 68 5.2 4.1 6.1

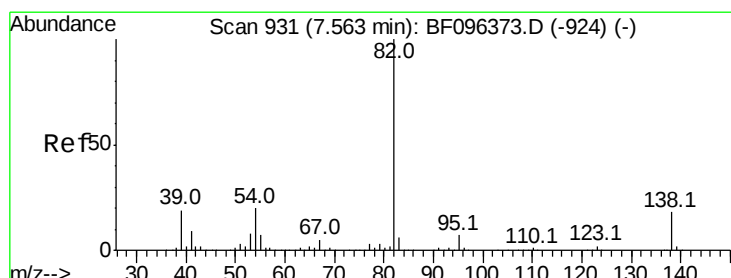
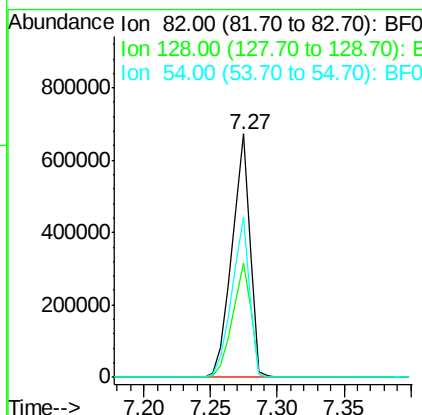
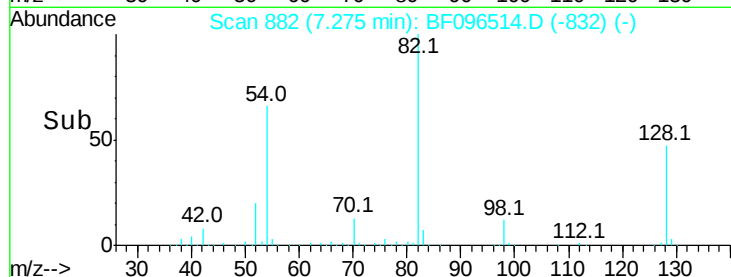
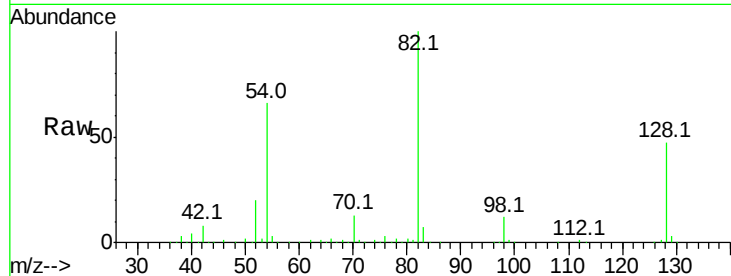




#23
 Nitrobenzene-d5
 Concen: 91.45 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

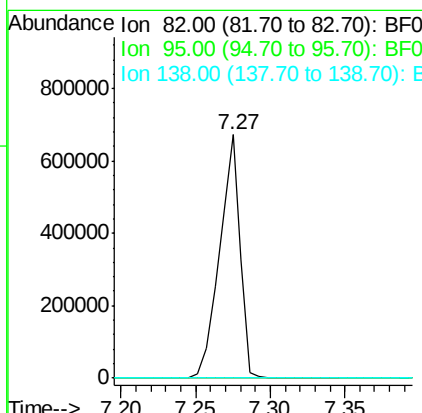
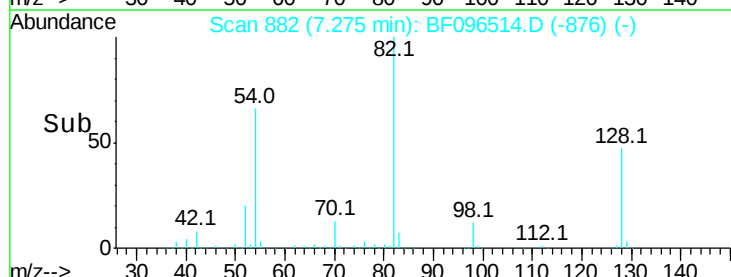
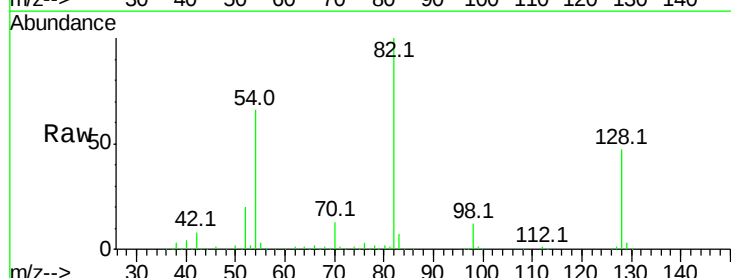
Instrument :
 BNA_F
 ClientSampleId :

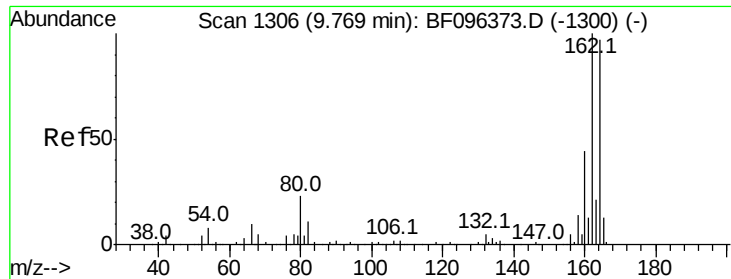
Tot Ion: 82 Resp: 649010
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 65.6 42.2 63.2#



#25
 Isophorone
 Concen: 46.92 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Tgt Ion: 82 Resp: 645567
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

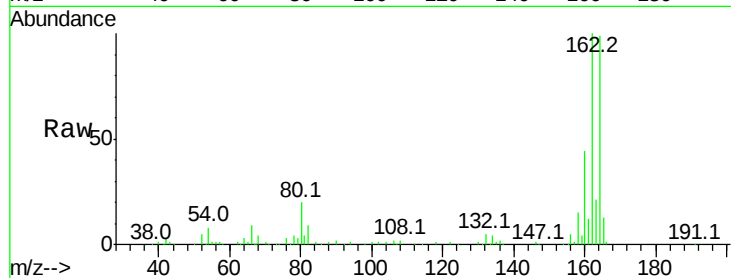




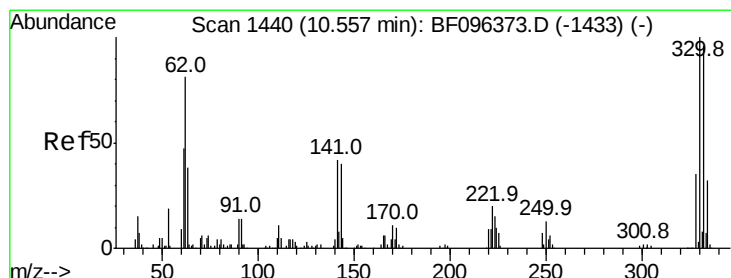
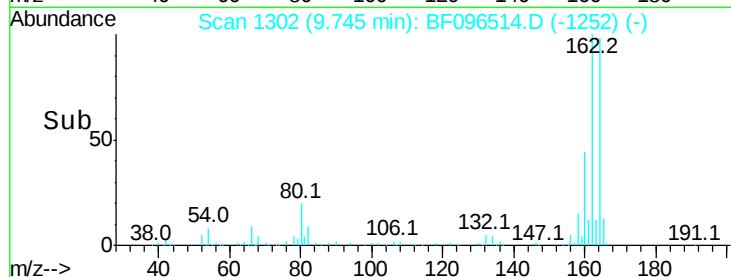
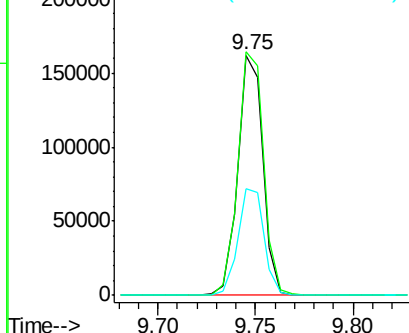
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 143610
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 44.3 36.2 54.2

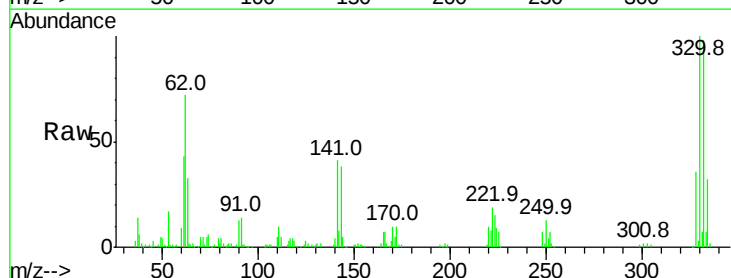


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

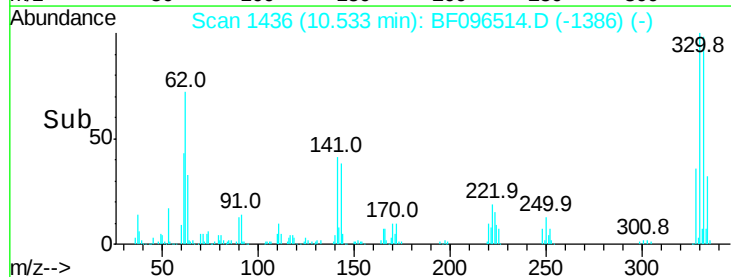
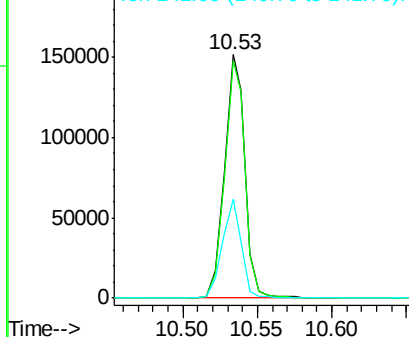


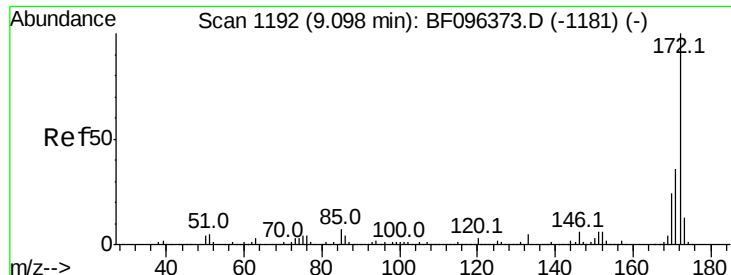
#41
2,4,6-Tribromophenol
Concen: 130.26 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Tgt Ion:330 Resp: 146123
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 38.0 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

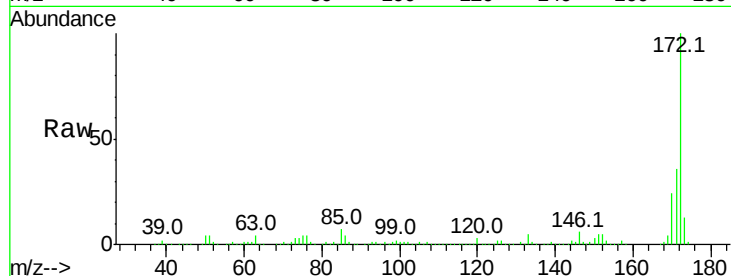




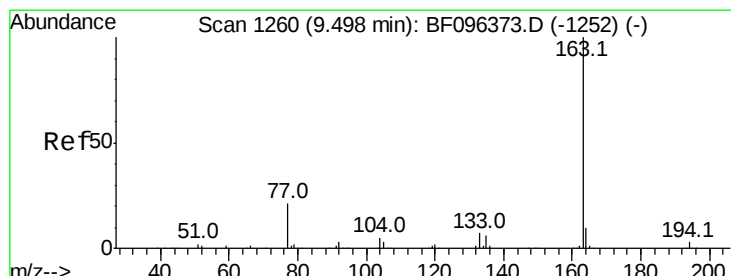
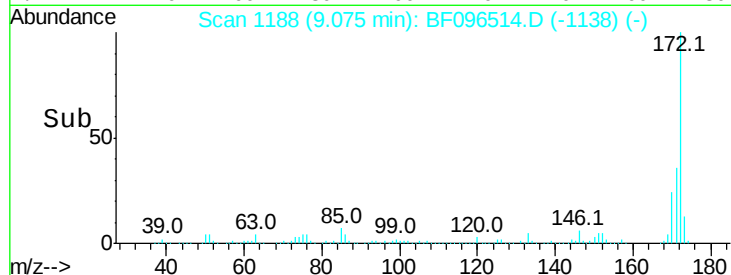
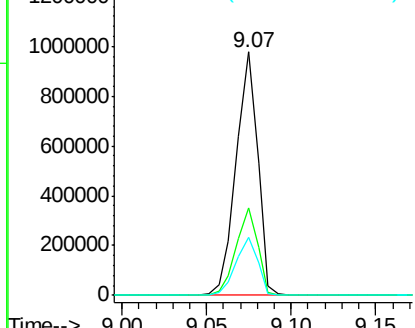
#44
 2-Fluorobiphenyl
 Concen: 103.56 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8

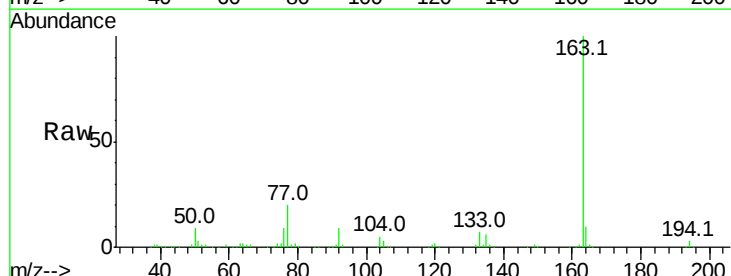


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

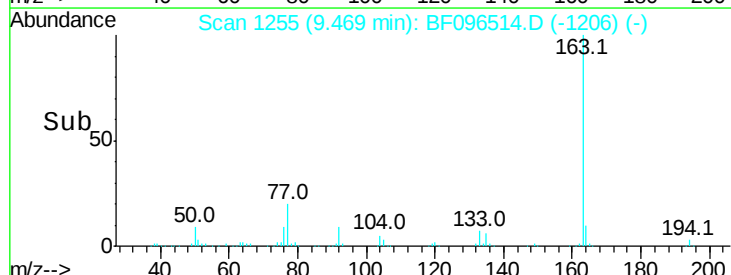
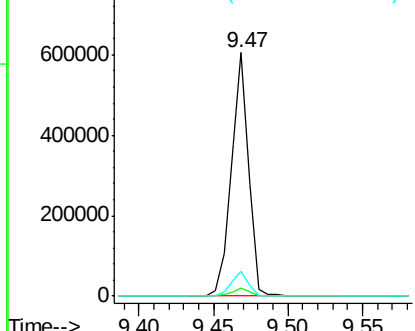


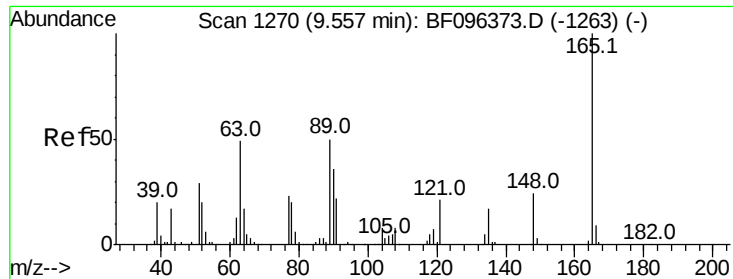
#49
 Dimethylphthalate
 Concen: 46.41 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	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

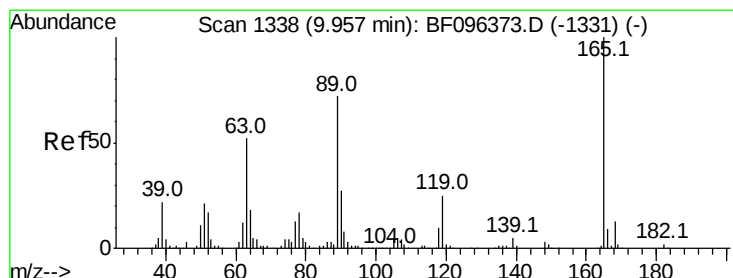
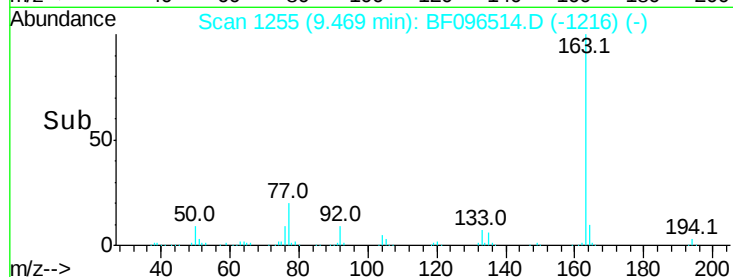
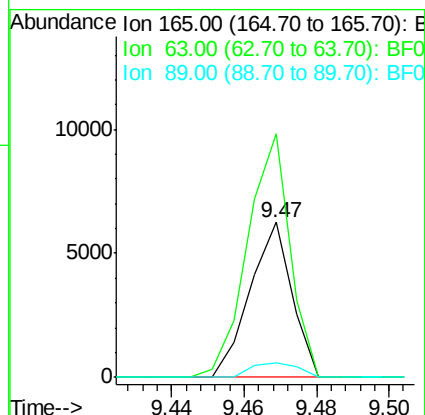
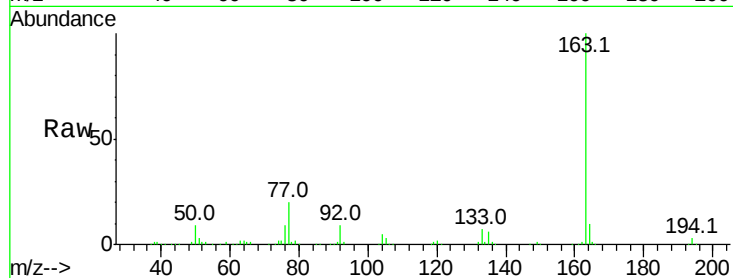




#50
 2,6-Dinitrotoluene
 Concen: 2.13 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.07 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

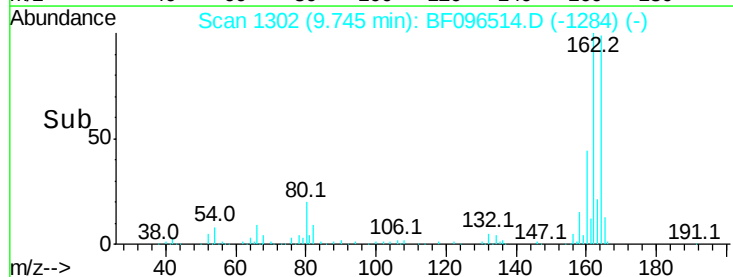
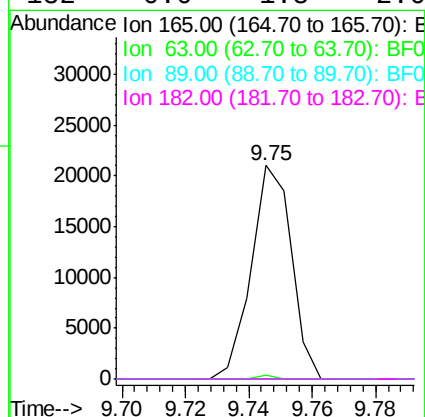
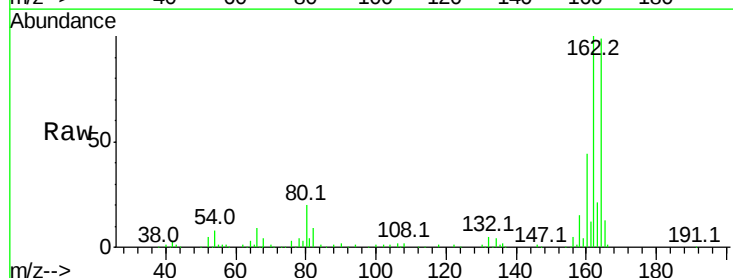
Instrument :
 BNA_F
 ClientSampled :

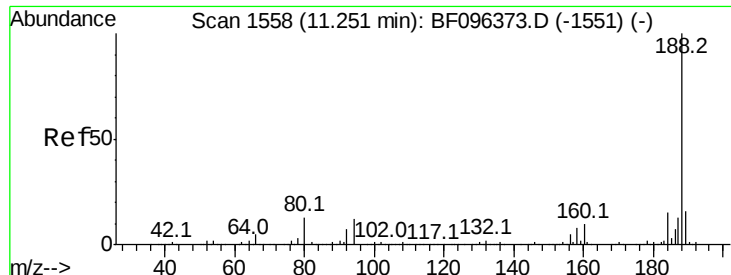
Tot Ion:165 Resp: 5060
 Ion Ratio Lower Upper
 165 100
 63 157.0 34.3 51.5#
 89 9.7 37.1 55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Tgt Ion:165 Resp: 18431
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

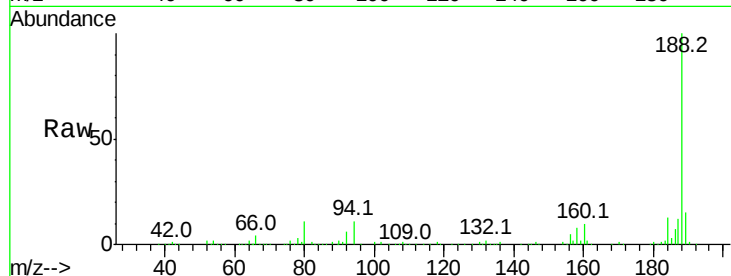




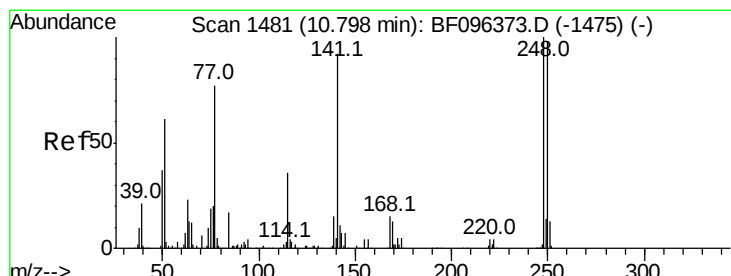
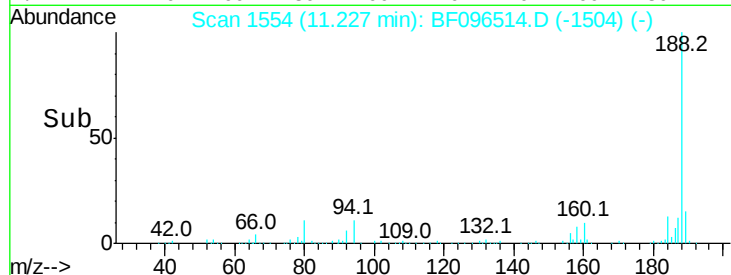
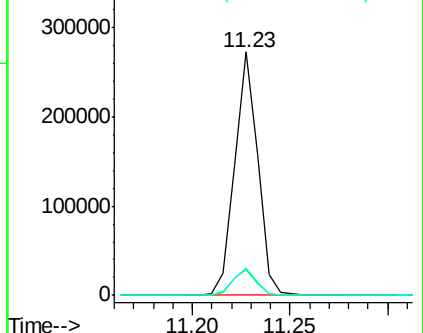
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 223148
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.2 15.2

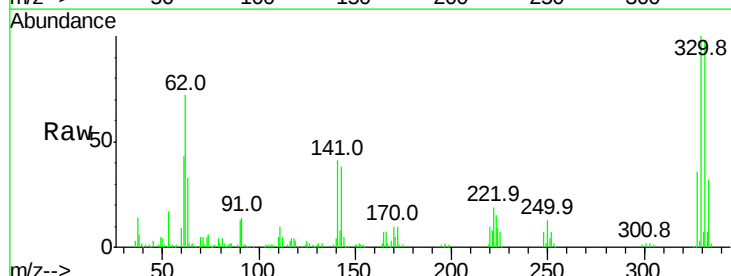


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

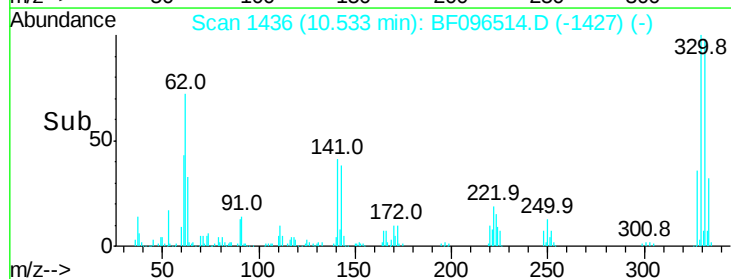
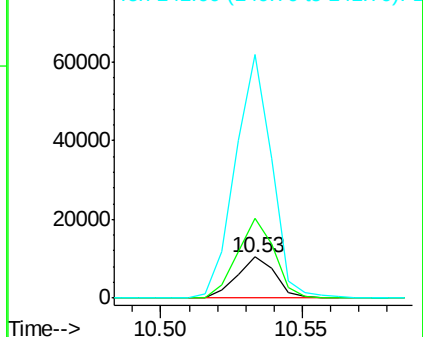


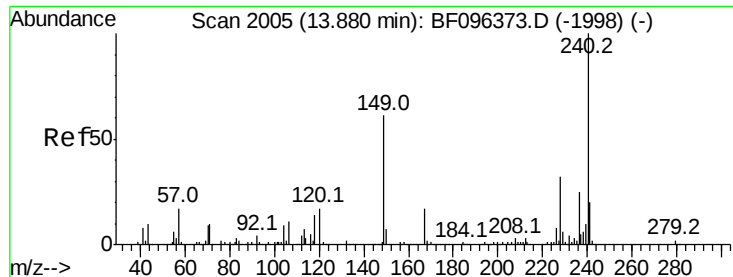
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Tgt Ion:248 Resp: 9812
Ion Ratio Lower Upper
248 100
250 195.4 76.8 115.2#
141 595.6 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: BF096514.D

Acq: 6 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

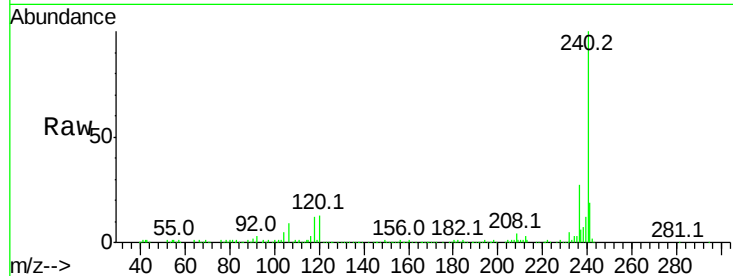
Tot Ion:240 Resp: 219397

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

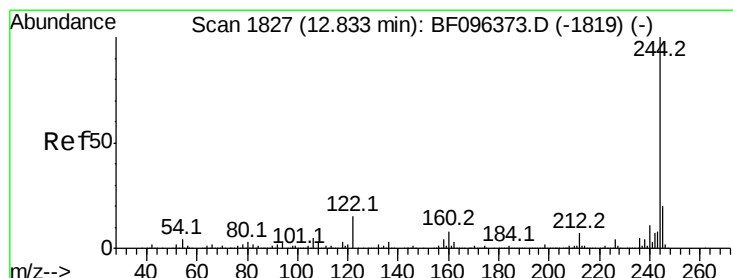
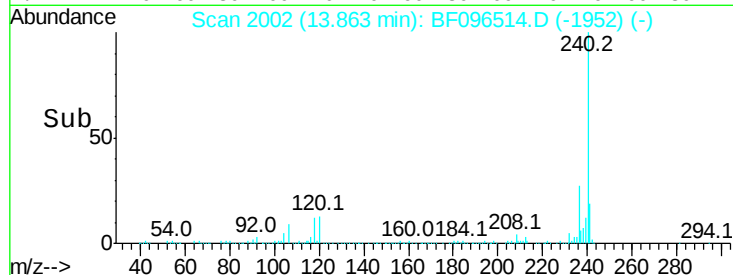
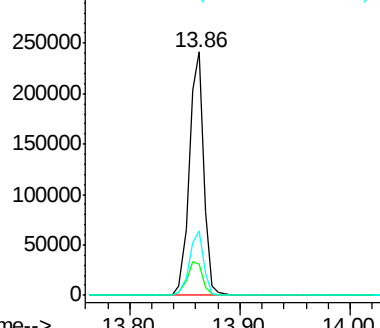
236 26.5 20.5 30.7



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: 65.24 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF096514.D

Acq: 6 Jul 2017 6:05

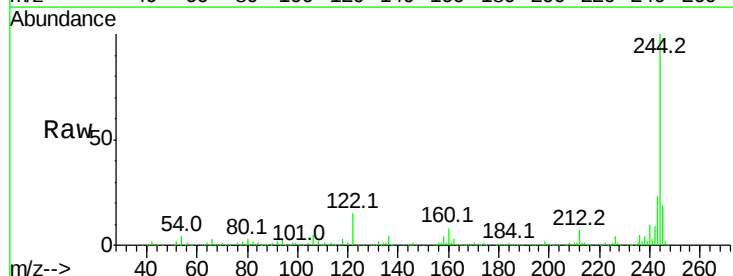
Tgt Ion:244 Resp: 669855

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

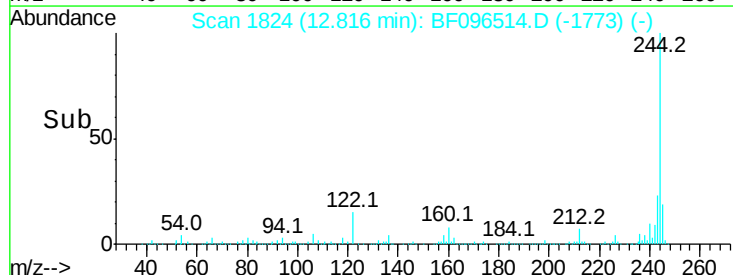
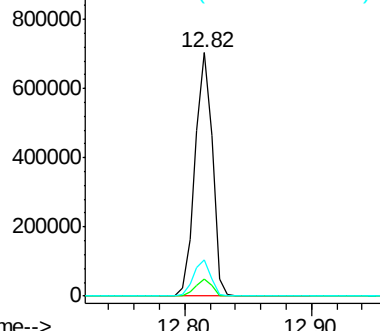
122 15.1 10.3 15.5

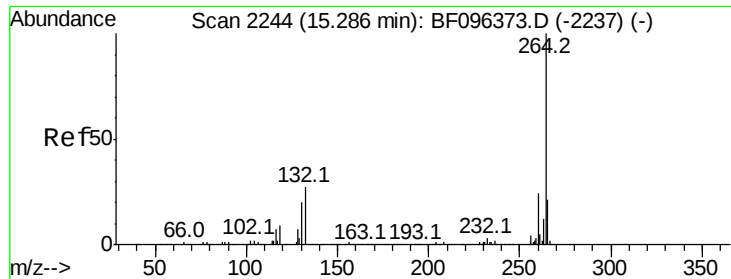


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

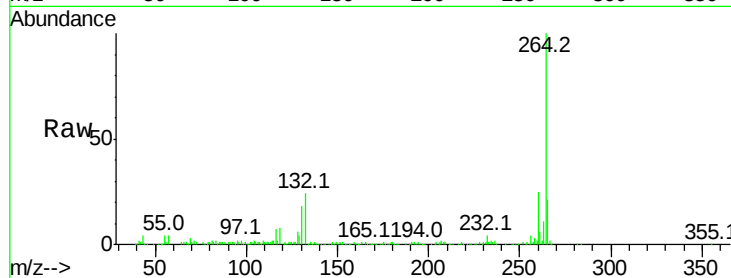




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	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

