

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096515.D
 Acq On : 6 Jul 2017 6:33
 Operator : SJ/MA
 Sample : I3975-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 08:48:16 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

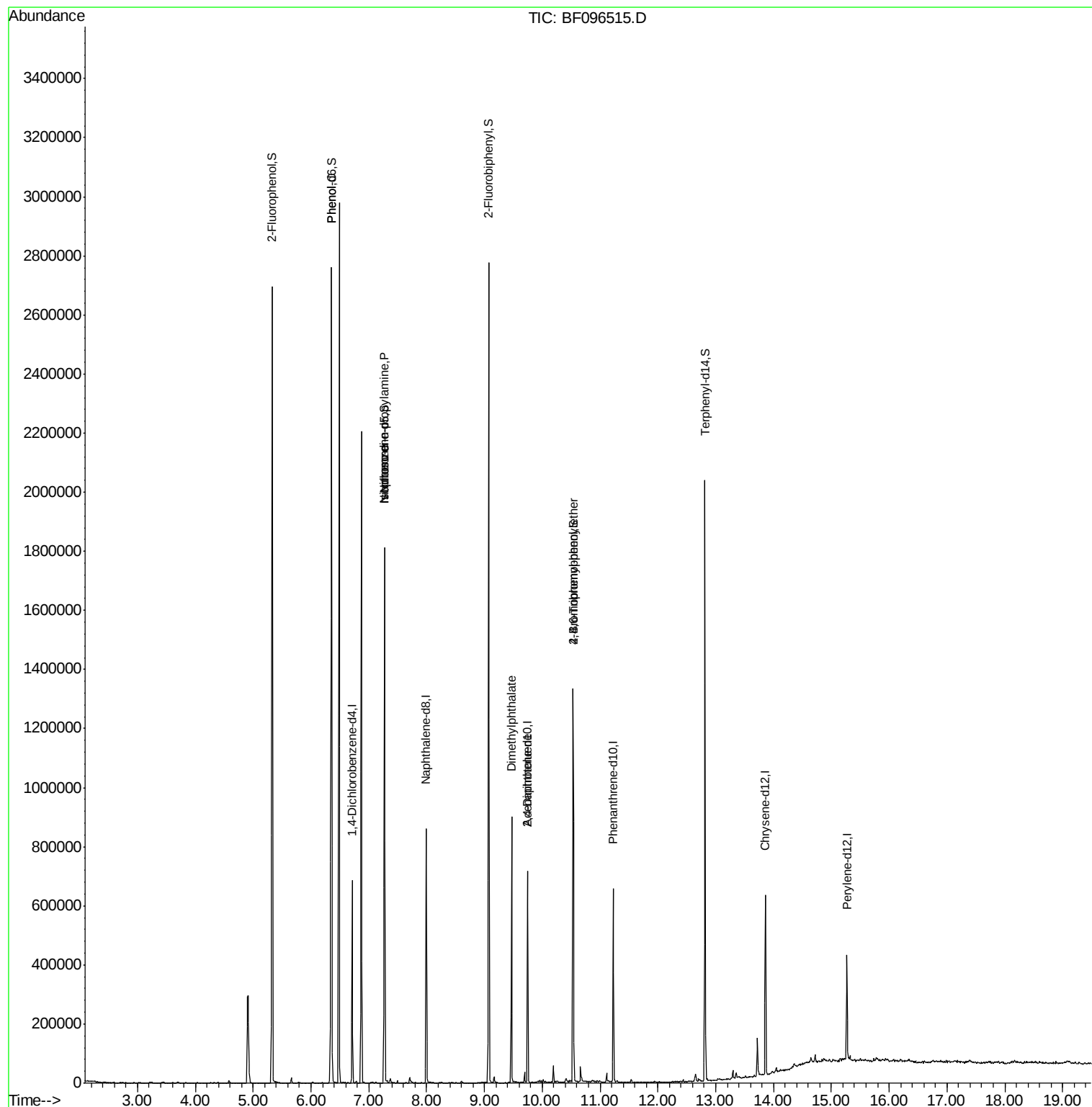
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106732	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	389306	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	139184	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	218927	20.00	ng	0.00
75) Chrysene-d12	13.86	240	220106	20.00	ng	0.00
86) Perylene-d12	15.27	264	143727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	862901	119.33	ng	0.01
7) Phenol-d6	6.36	99	1008843	113.48	ng	0.00
23) Nitrobenzene-d5	7.27	82	552605	85.30	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	150164	138.12	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	843023	103.56	ng	0.00
78) Terphenyl-d14	12.82	244	638131	61.95	ng	0.00
Target Compounds						
10) Phenol	6.36	94	24452	2.41	ng	81
19) n-Nitroso-di-n-propylamine	7.27	70	72576	13.70	ng	# 88
25) Isophorone	7.27	82	549848	43.77	ng	# 67
49) Dimethylphthalate	9.47	163	354421	34.11	ng	98
56) 2,4-Dinitrotoluene	9.75	165	17358	5.97	ng	# 32
66) 4-Bromophenyl-phenylether	10.53	248	9571	4.49	ng	# 1

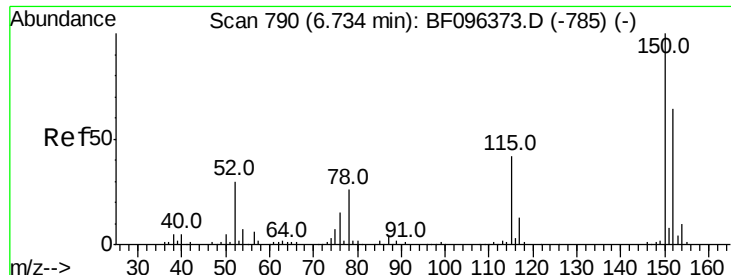
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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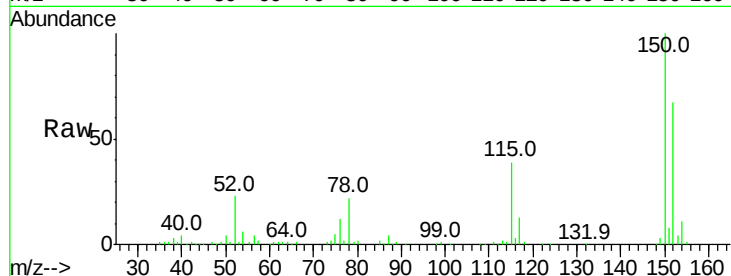


#1

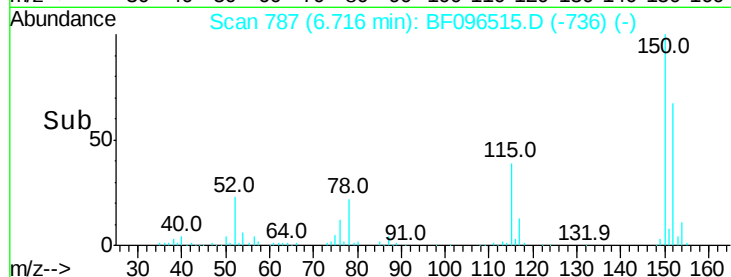
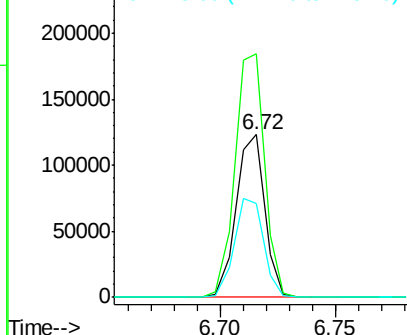
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106732
Ion Ratio Lower Upper
152 100
150 149.9 126.2 189.2
115 57.8 52.2 78.2



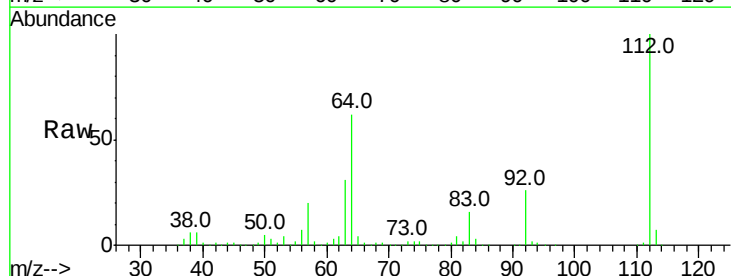
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



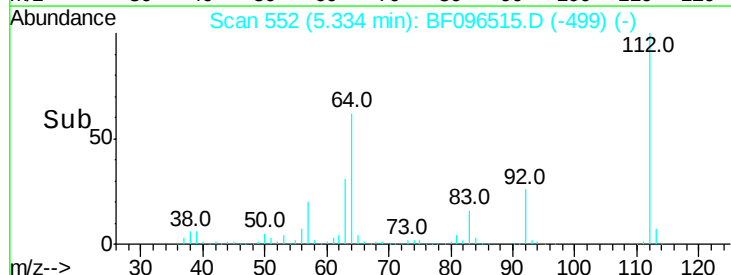
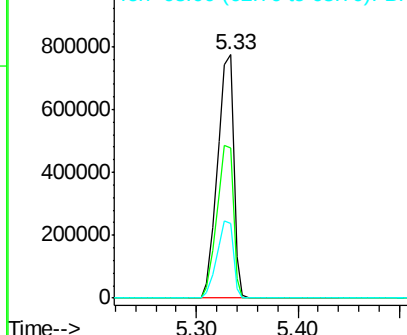
#5

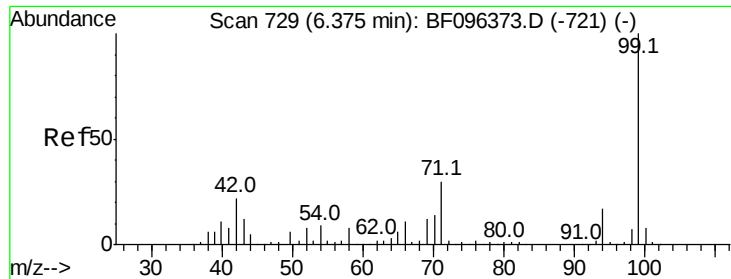
2-Fluorophenol
Concen: 119.33 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Tgt Ion:112 Resp: 862901
Ion Ratio Lower Upper
112 100
64 61.5 46.0 69.0
63 30.8 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: 113.48 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096515.D

Acq: 6 Jul 2017 6:33

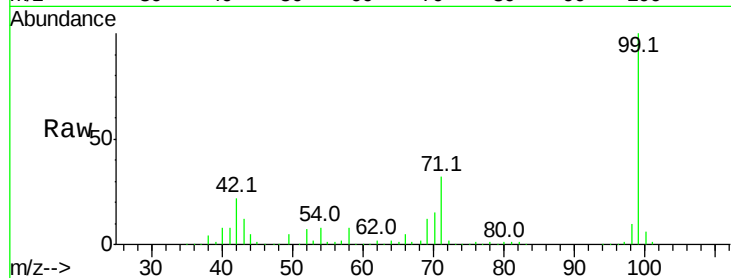
Instrument :

BNA_F

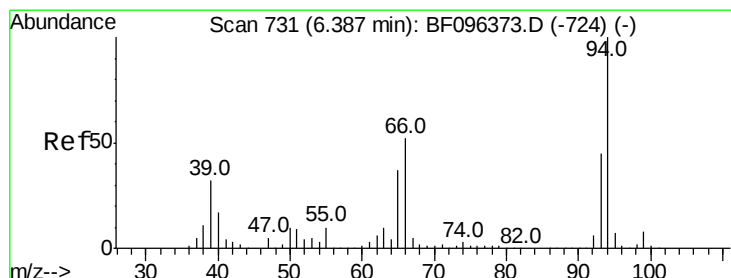
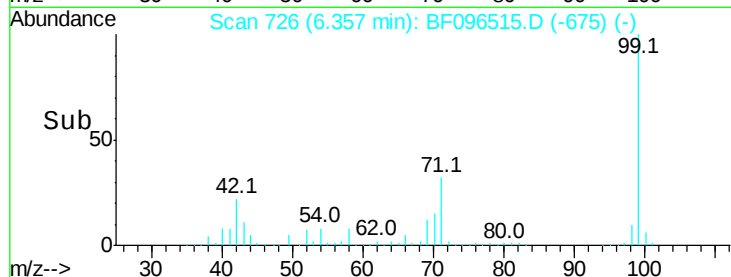
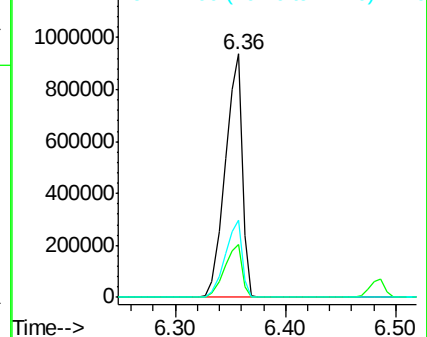
ClientSampleId :

Tot Ion: 99 Resp: 1008843

Ion	Ratio	Lower	Upper
99	100		
42	21.7	13.5	20.3#
71	31.9	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: 2.41 ng

RT: 6.36 min Scan# 727

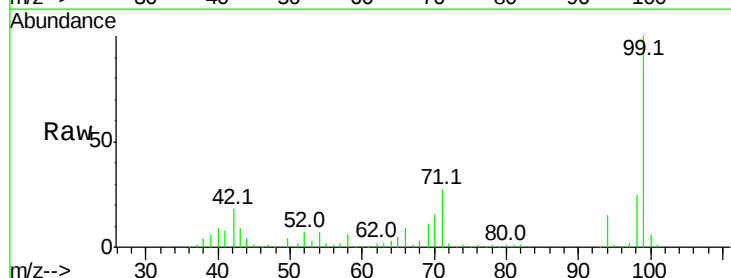
Delta R.T. -0.01 min

Lab File: BF096515.D

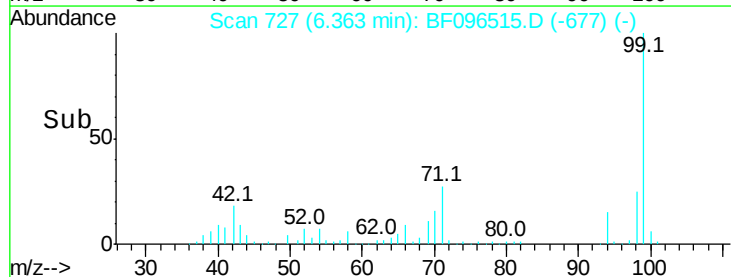
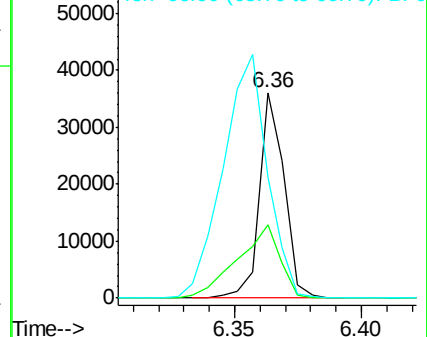
Acq: 6 Jul 2017 6:33

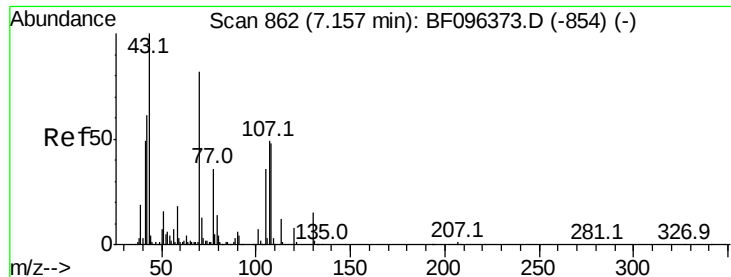
Tgt Ion: 94 Resp: 24452

Ion	Ratio	Lower	Upper
94	100		
65	36.1	9.9	49.9
66	58.6	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

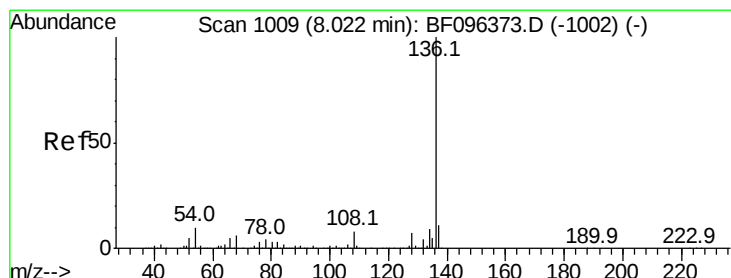
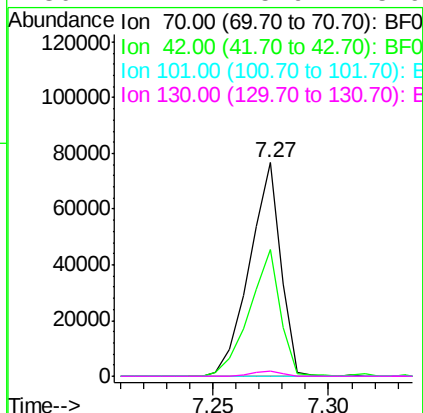
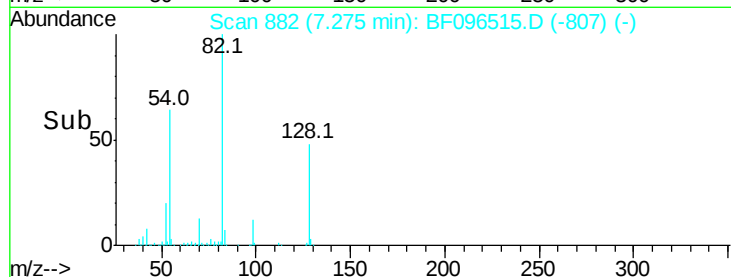
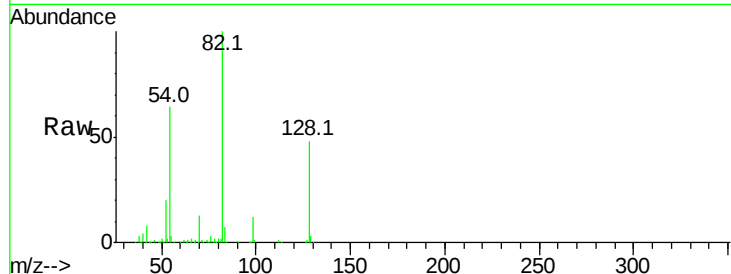




#19
n-Nitroso-di-n-propylamine
Concen: 13.70 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

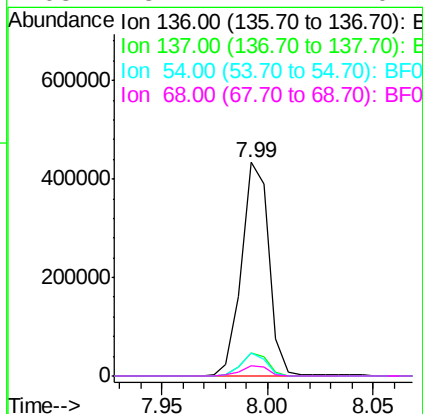
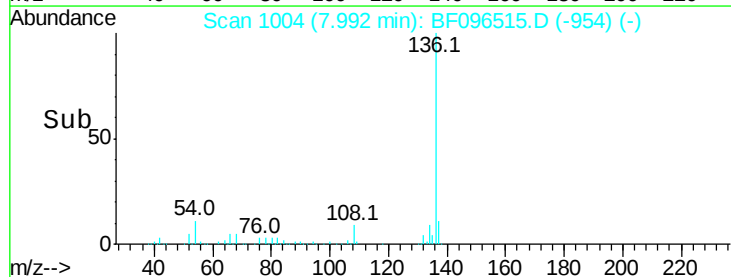
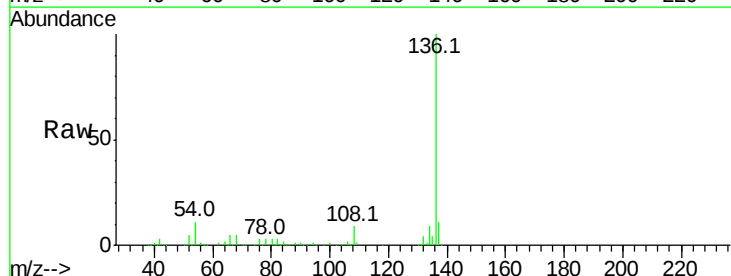
Instrument :
BNA_F
ClientSampled :

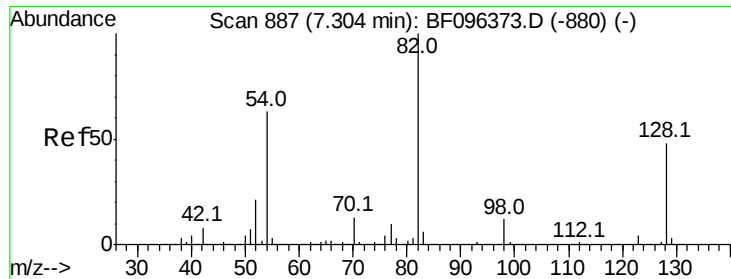
Tot Ion: 70 Resp: 72576
Ion Ratio Lower Upper
70 100
42 59.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Tgt Ion:136 Resp: 389306
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 4.9 7.3#
68 5.1 4.1 6.1

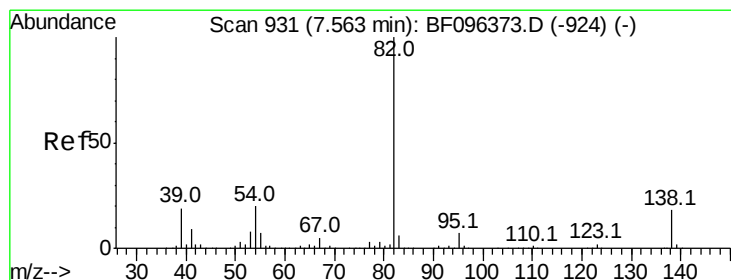
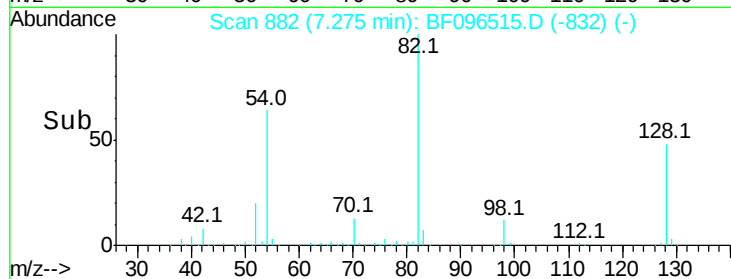
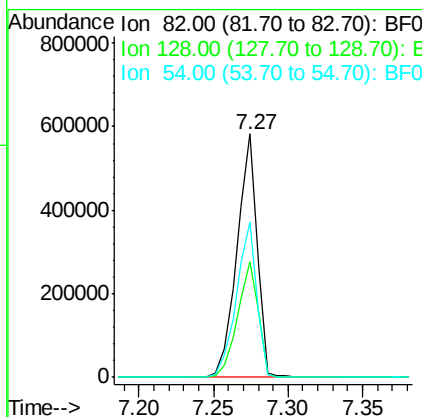
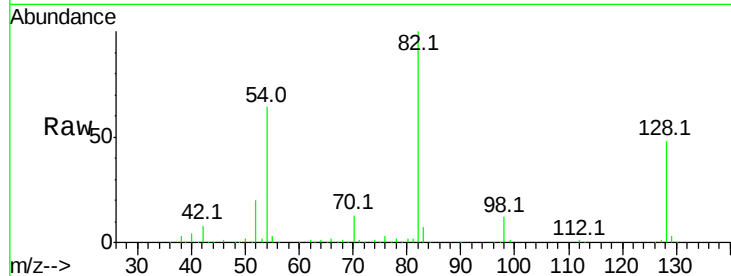




#23
 Nitrobenzene-d5
 Concen: 85.30 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096515.D
 Acq: 6 Jul 2017 6:33

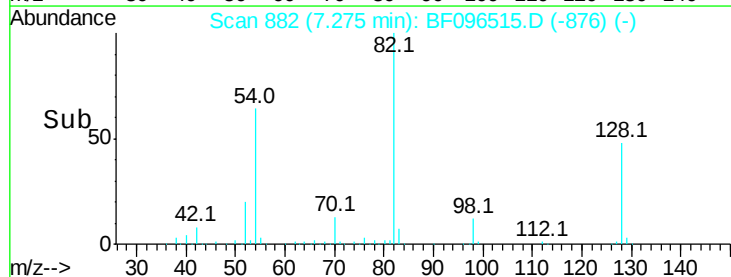
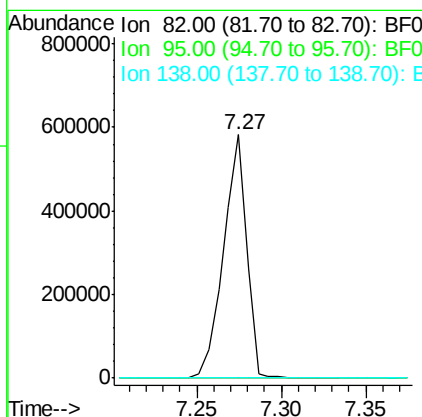
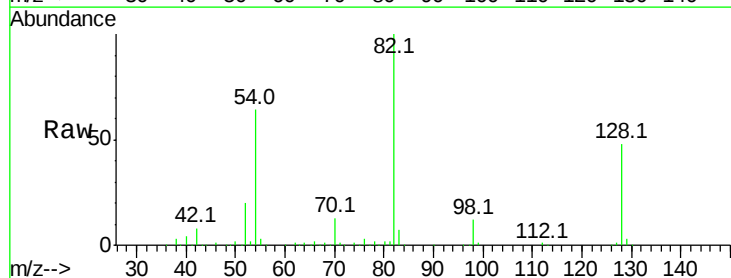
Instrument :
 BNA_F
 ClientSampleId :

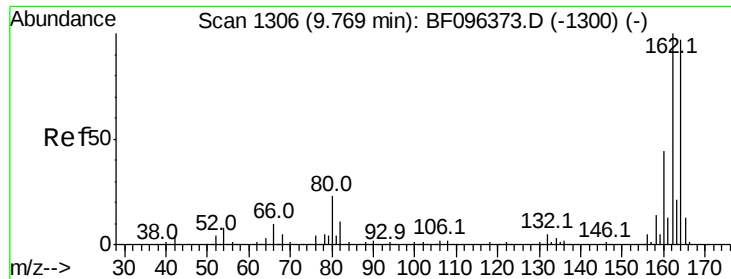
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	63.9	42.2	63.2#



#25
 Isophorone
 Concen: 43.77 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096515.D
 Acq: 6 Jul 2017 6:33

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

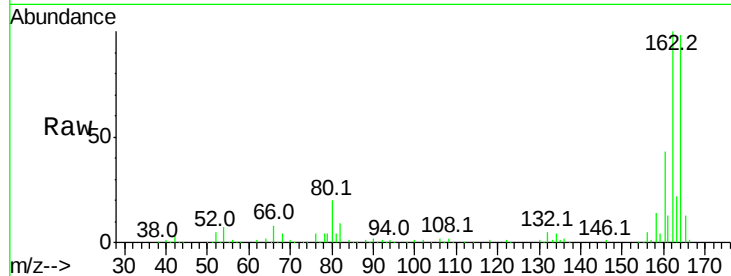




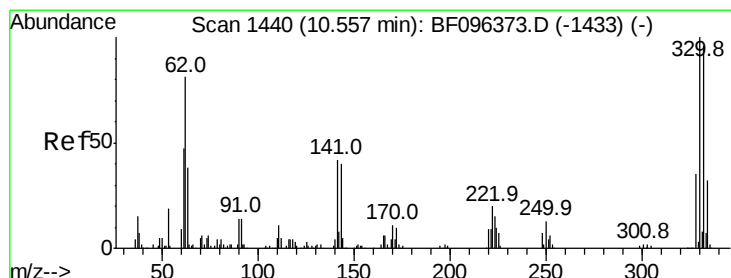
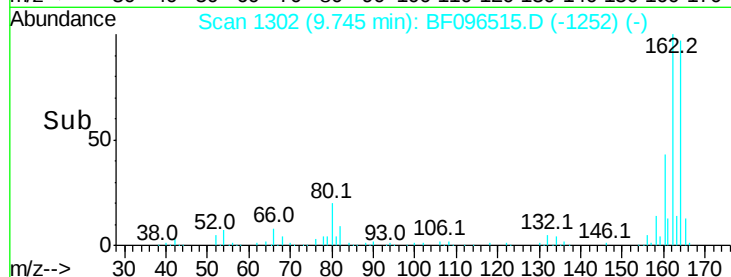
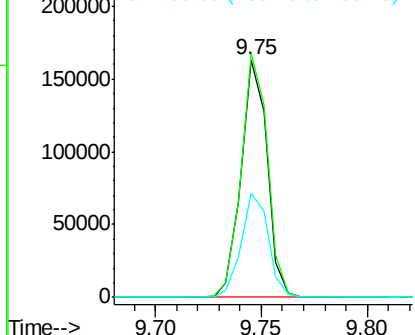
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 139184
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 43.6 36.2 54.2

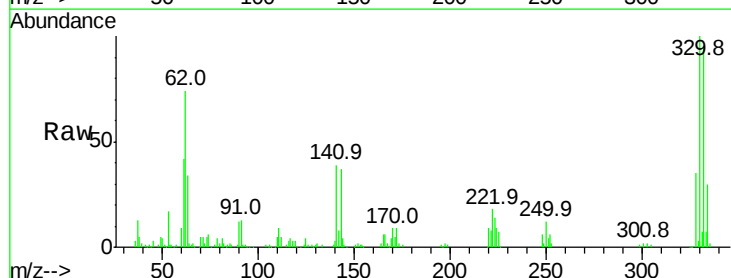


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

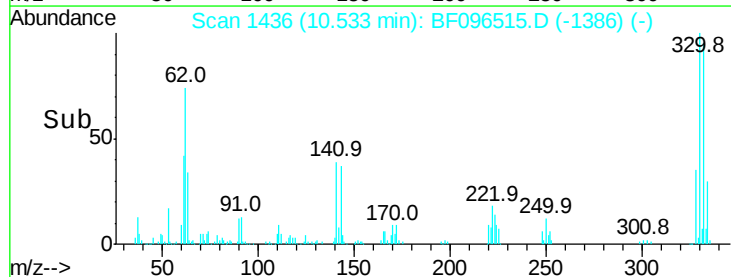
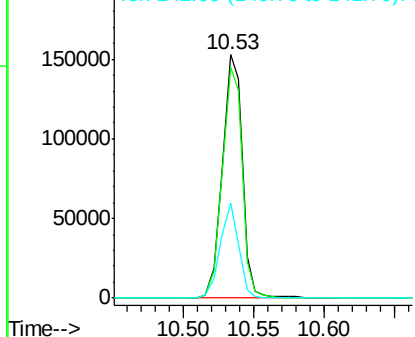


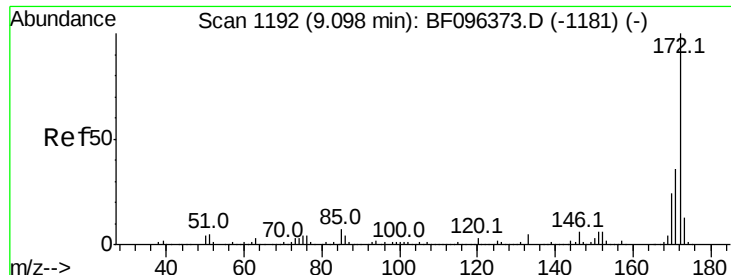
#41
2,4,6-Tribromophenol
Concen: 138.12 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Tgt Ion:330 Resp: 150164
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 36.2 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

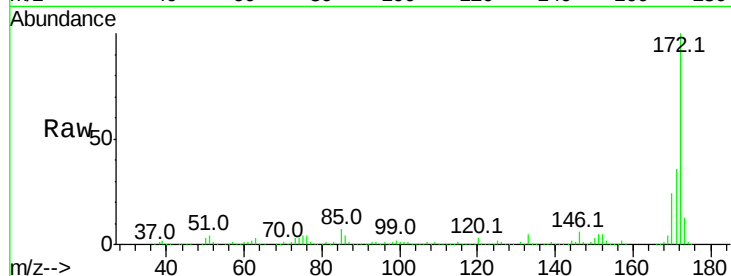




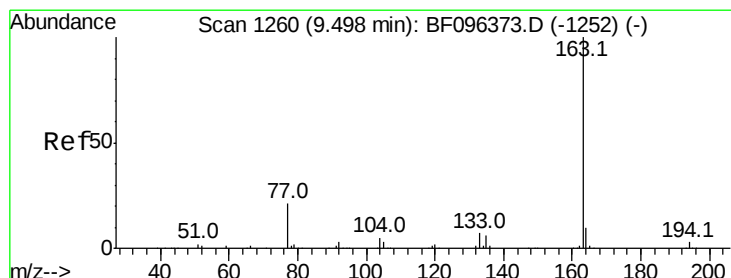
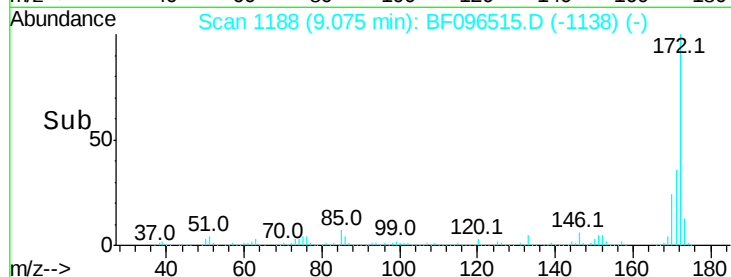
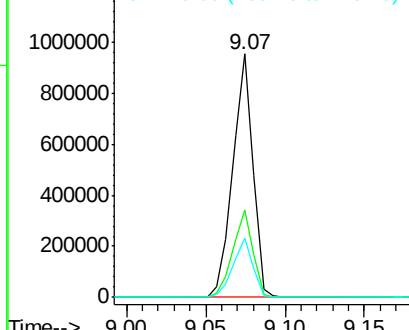
#44
2-Fluorobiphenyl
Concen: 103.56 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 843023
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.2 19.8 29.8

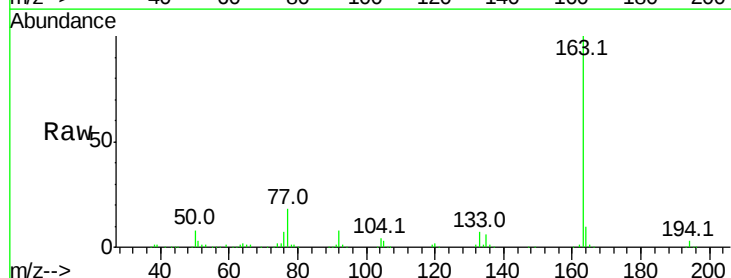


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

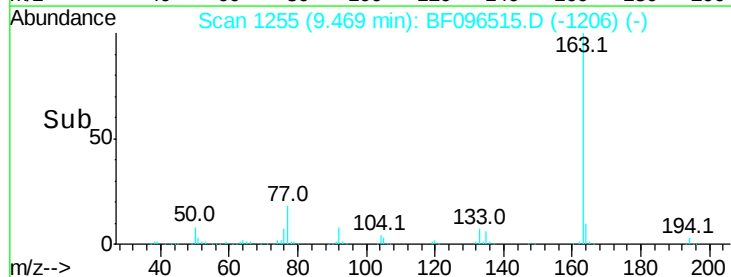
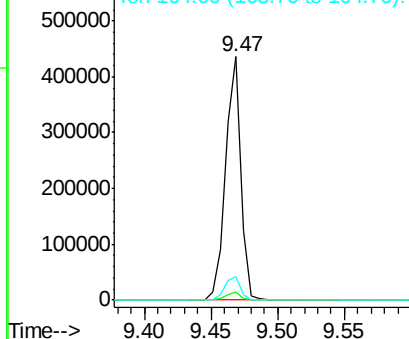


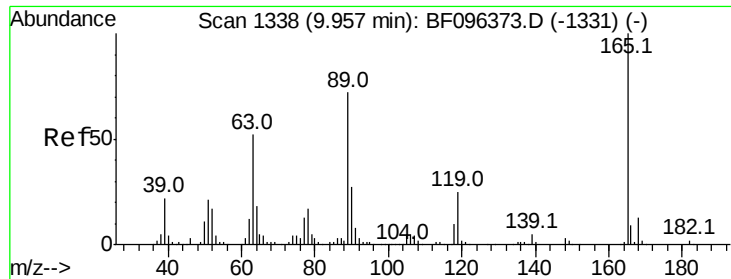
#49
Dimethylphthalate
Concen: 34.11 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Tgt Ion:163 Resp: 354421
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.7 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

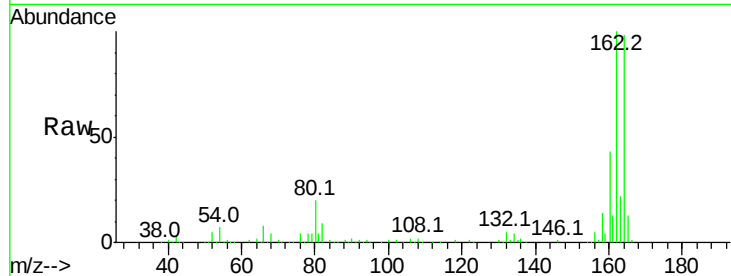




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096515.D
 Acq: 6 Jul 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	17358
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	1.4	46.4 69.6#
182	0.0	1.8 2.6#

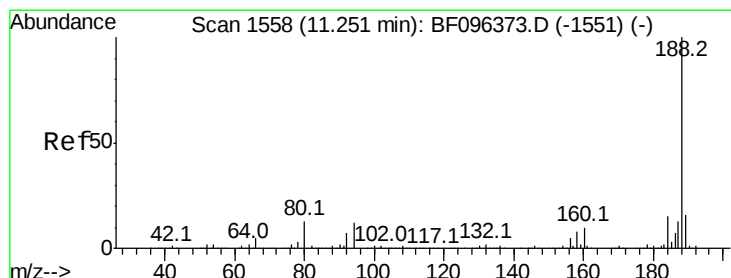
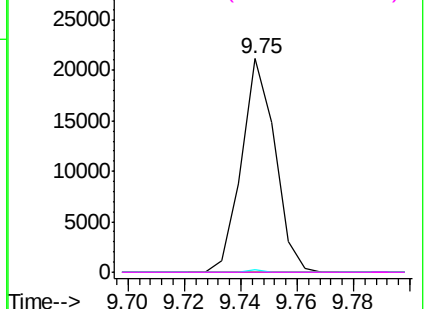
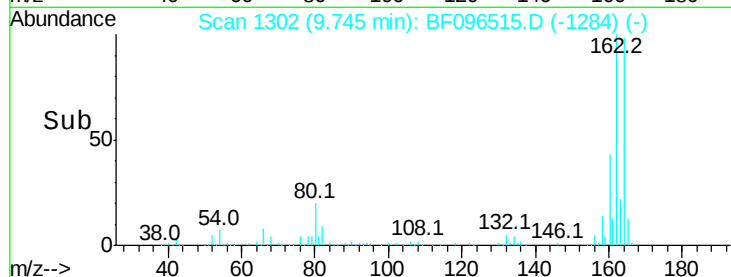


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

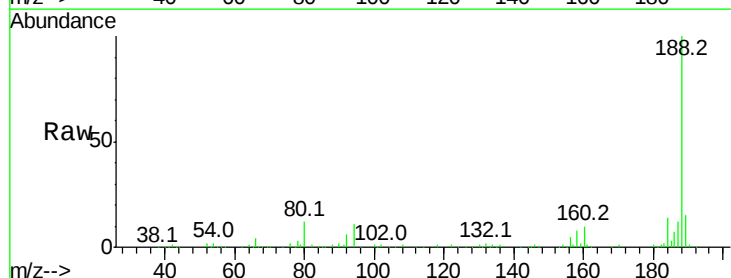
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096515.D
 Acq: 6 Jul 2017 6:33

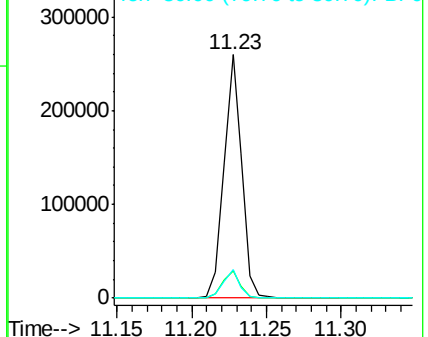
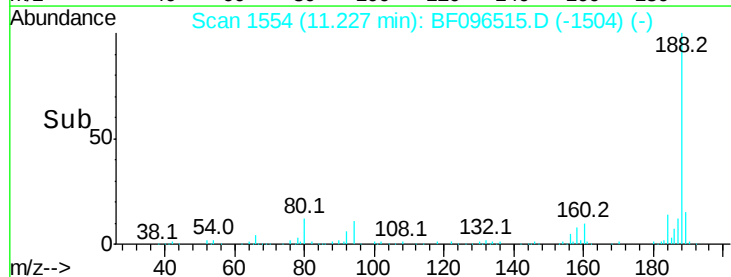
Tgt Ion:188	Resp:	218927
Ion Ratio	Lower	Upper
188	100	
94	11.4	9.4 14.2
80	11.6	10.2 15.2

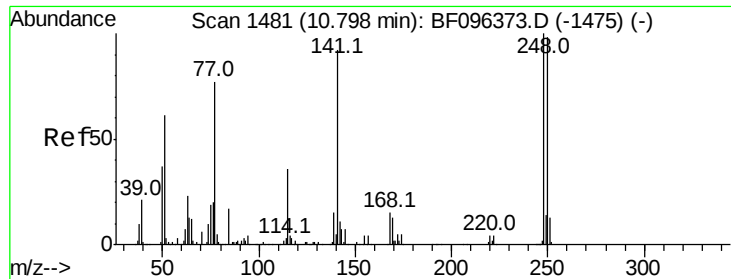


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

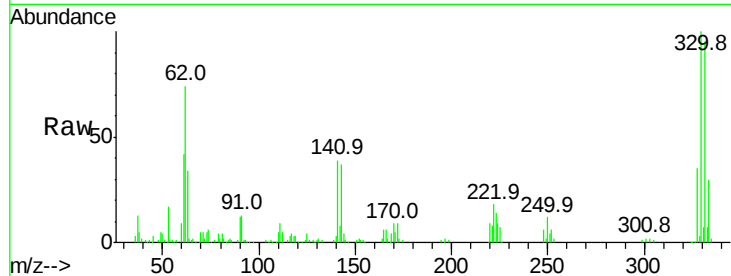




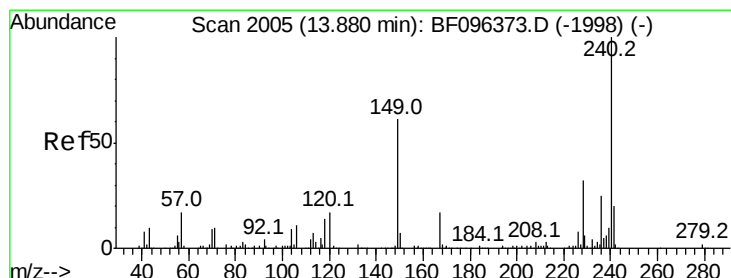
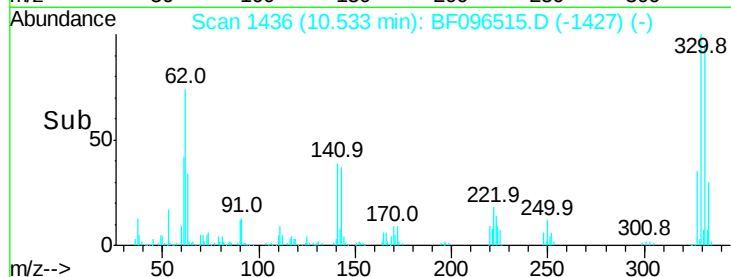
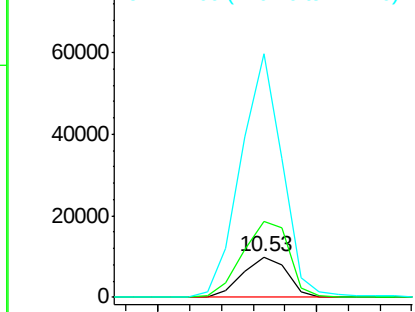
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9571
Ion Ratio Lower Upper
248 100
250 189.9 76.8 115.2#
141 604.4 68.6 103.0#

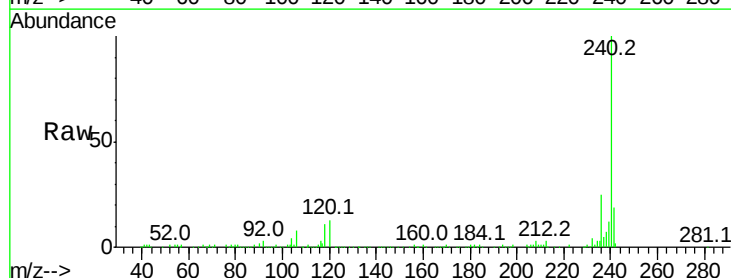


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

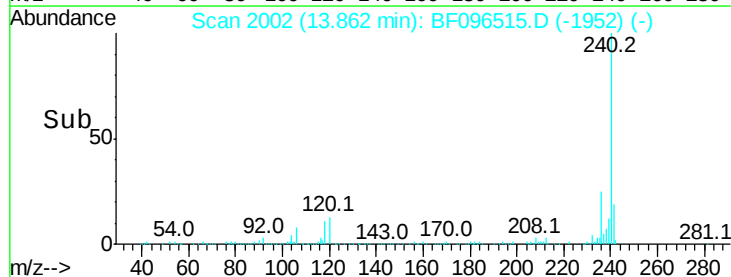
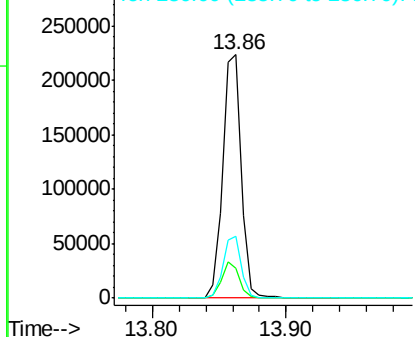


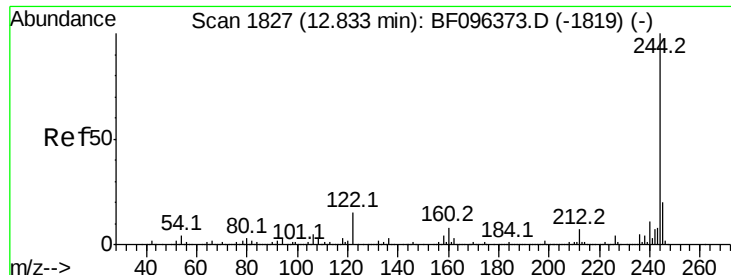
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096515.D
Acq: 6 Jul 2017 6:33

Tgt Ion:240 Resp: 220106
Ion Ratio Lower Upper
240 100
120 12.5 5.8 8.8#
236 25.2 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

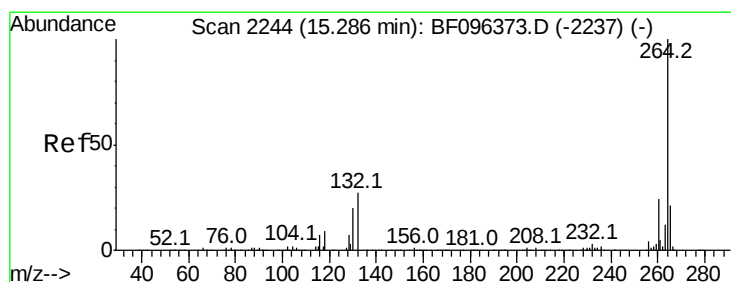
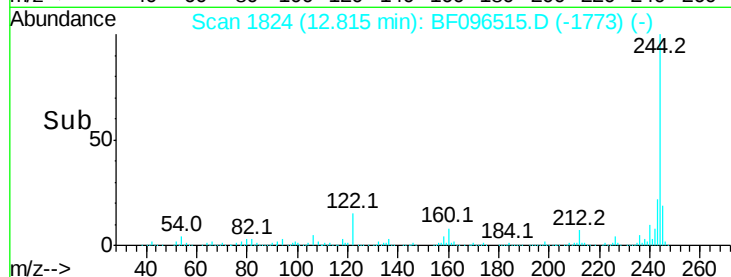
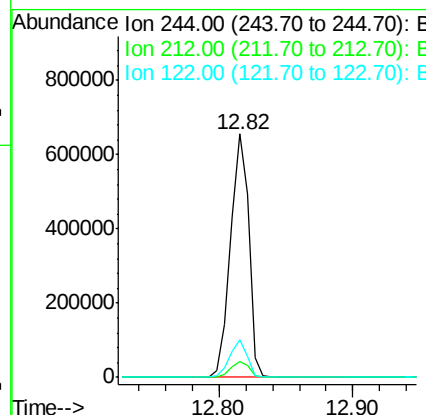
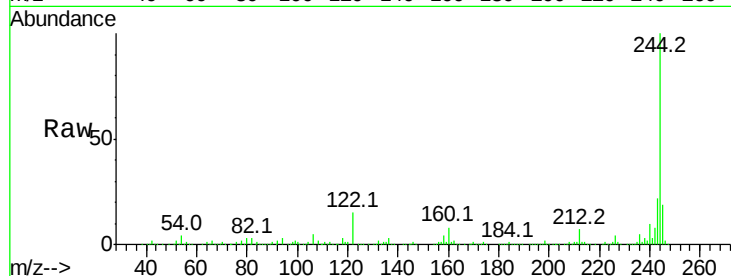




#78
 Terphenyl-d14
 Concen: 61.95 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096515.D
 Acq: 6 Jul 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 638131
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 15.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096515.D
 Acq: 6 Jul 2017 6:33

Tgt Ion:264 Resp: 143727
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.5 17.2 25.8

