

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096395.D
 Acq On : 1 Jul 2017 22:52
 Operator : SJ/MA
 Sample : I3982-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:52:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

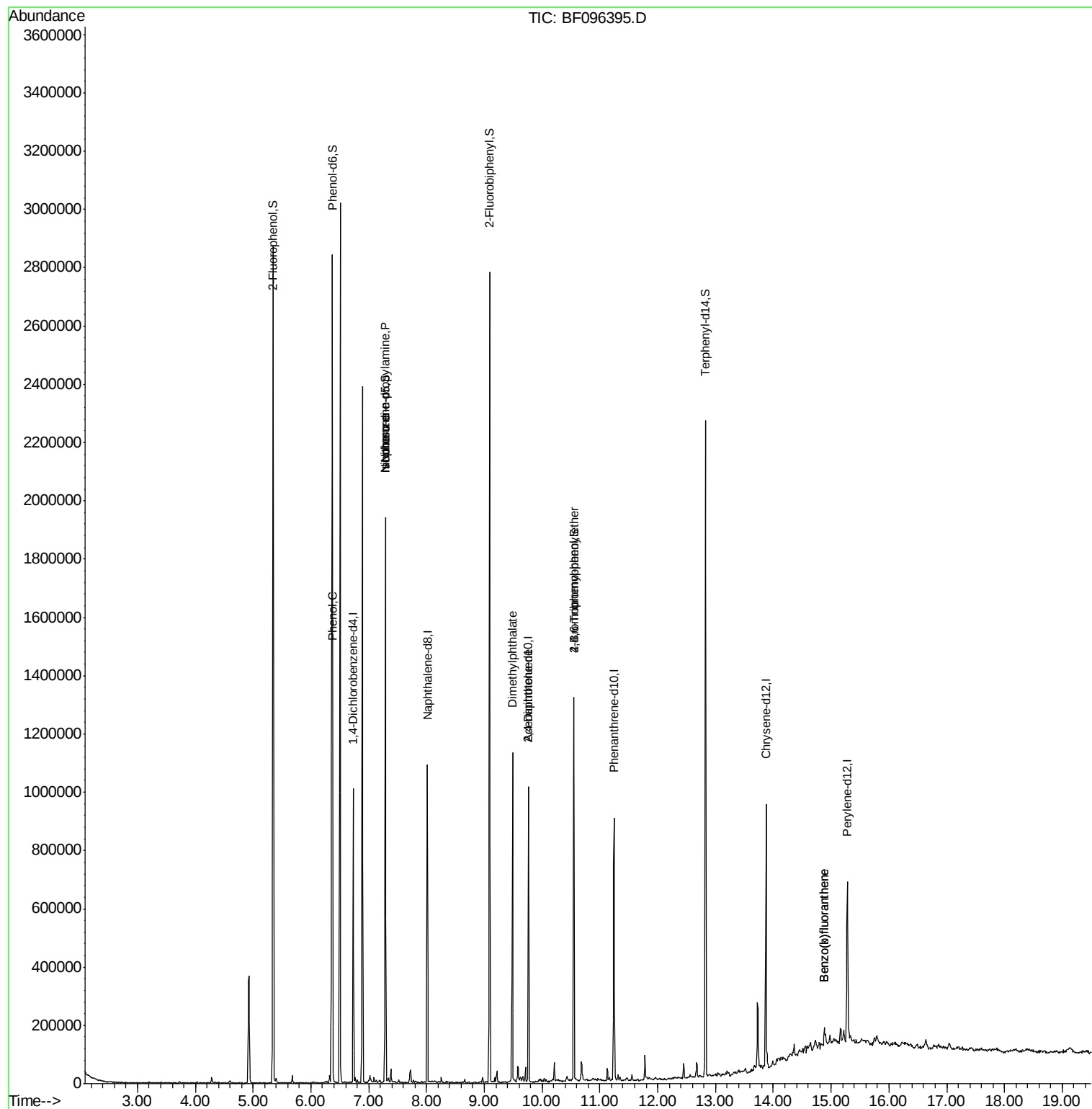
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131282	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	495189	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	189857	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	301739	20.00	ng	0.00
75) Chrysene-d12	13.87	240	304331	20.00	ng	0.00
86) Perylene-d12	15.28	264	217188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	817548	91.91	ng	0.00
7) Phenol-d6	6.37	99	970368	88.74	ng	0.00
23) Nitrobenzene-d5	7.29	82	542742	65.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	142025	95.77	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	861136	77.55	ng	0.00
78) Terphenyl-d14	12.83	244	676706	47.51	ng	0.00
Target Compounds						
10) Phenol	6.38	94	28649	2.30	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.29	70	69825	10.72	ng	# 87
25) Isophorone	7.29	82	540910	33.85	ng	# 67
49) Dimethylphthalate	9.49	163	457840	32.30	ng	99
56) 2,4-Dinitrotoluene	9.76	165	23919	6.03	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	9555	3.25	ng	# 1
87) Benzo(b)fluoranthene	14.88	252	38395	2.82	ng	# 93
88) Benzo(k)fluoranthene	14.88	252	38395	3.15	ng	97

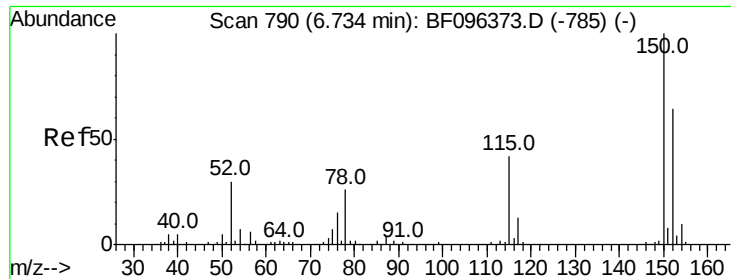
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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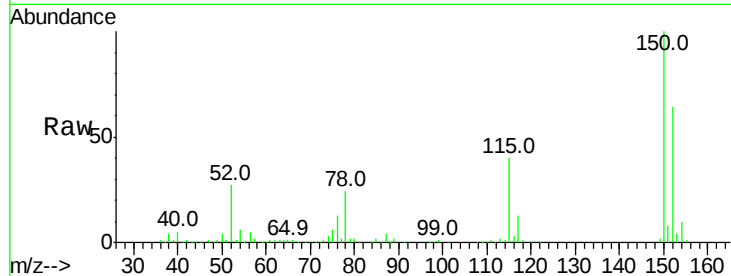


#1

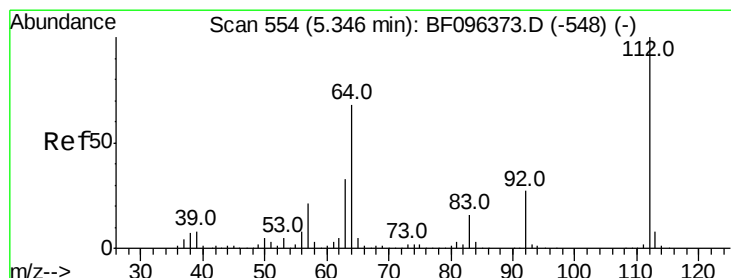
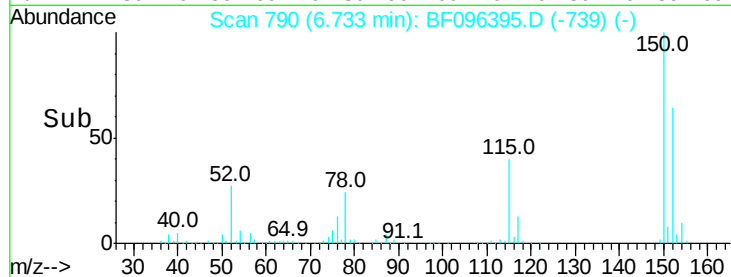
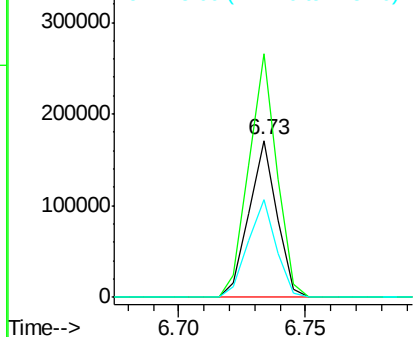
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	62.4	52.2	78.2



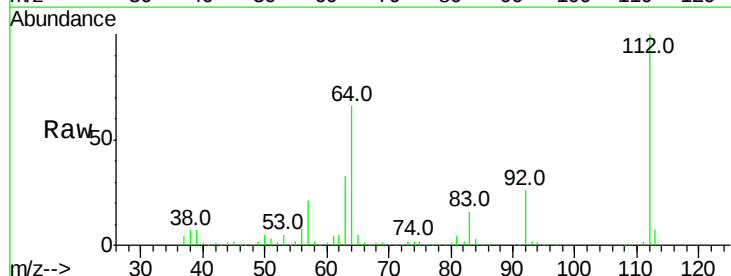
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



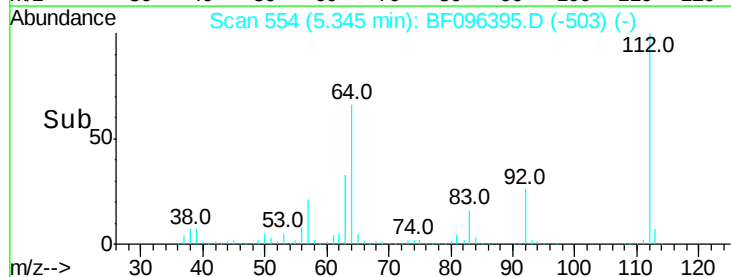
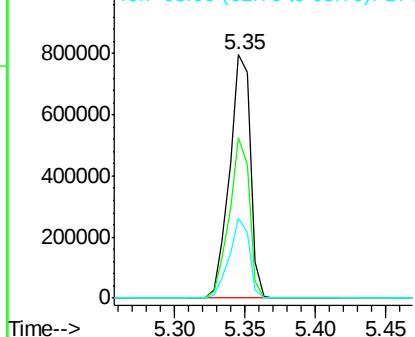
#5

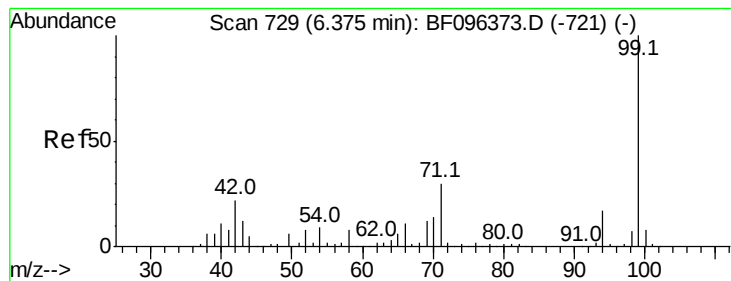
2-Fluorophenol
Concen: 91.91 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	32.7	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: 88.74 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096395.D

Acq: 1 Jul 2017 22:52

Instrument :

BNA_F

ClientSampleId :

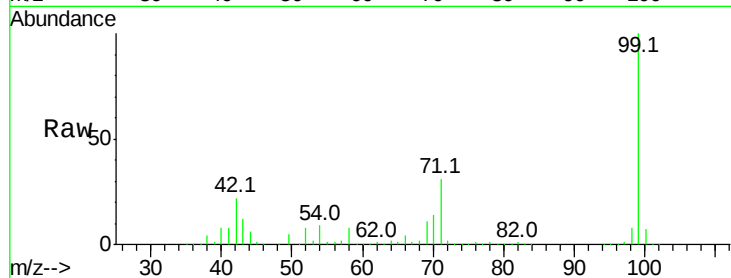
Tot Ion: 99 Resp: 970368

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

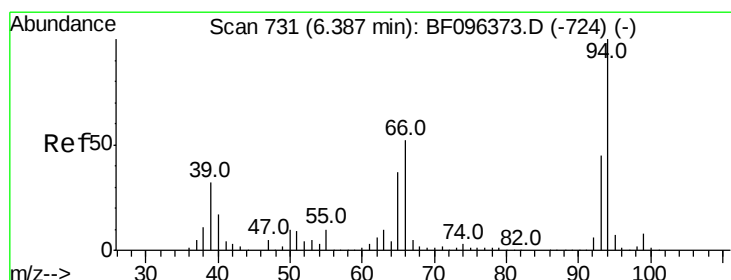
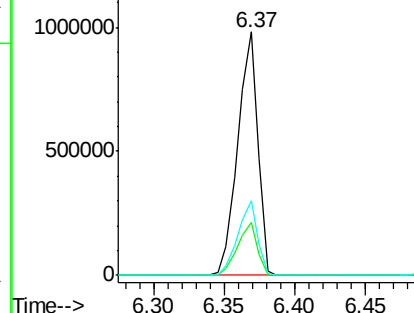
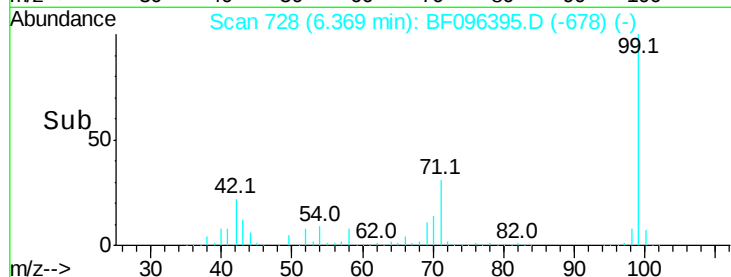
71 30.8 24.5 36.7



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: 2.30 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096395.D

Acq: 1 Jul 2017 22:52

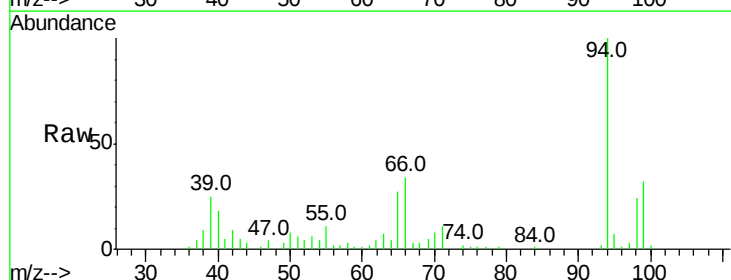
Tgt Ion: 94 Resp: 28649

Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

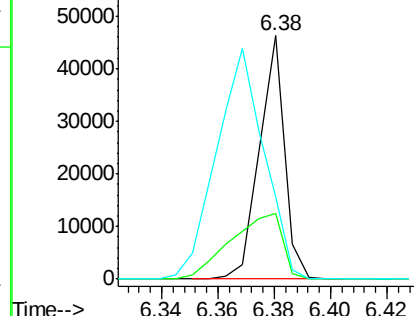
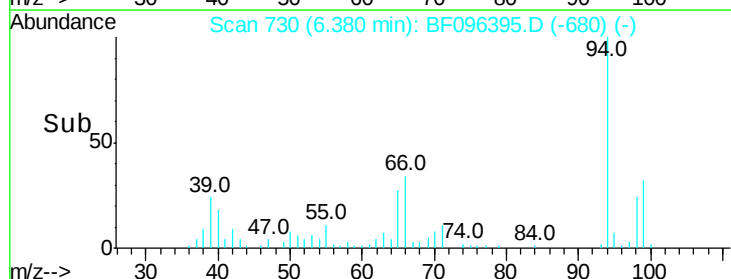
66 33.7 23.1 63.1

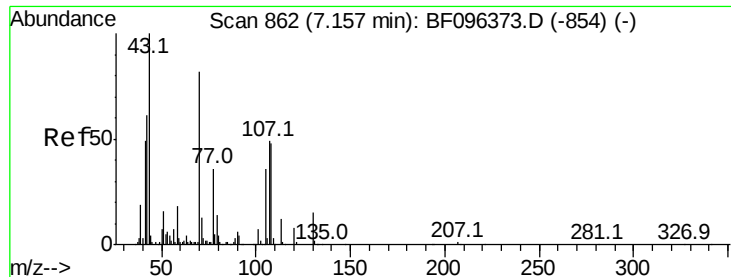


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

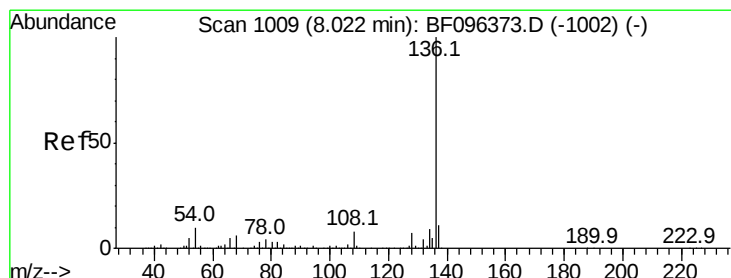
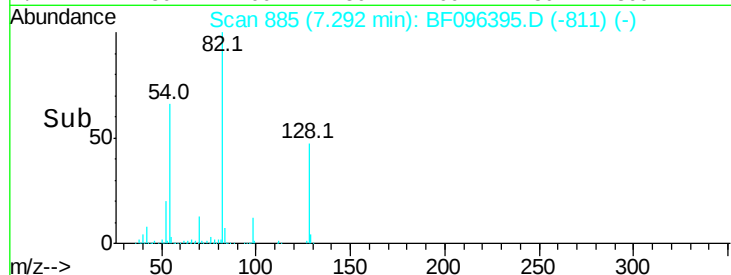
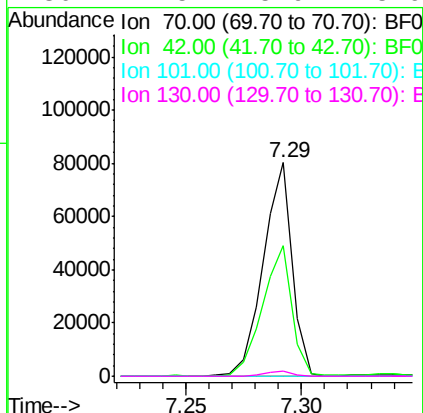
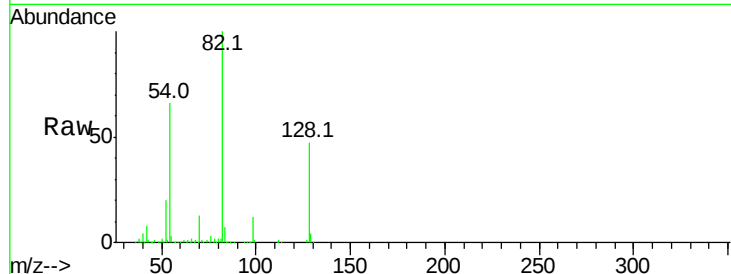




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.72 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.14 min
 Lab File: BF096395.D
 Acq: 1 Jul 2017 22:52

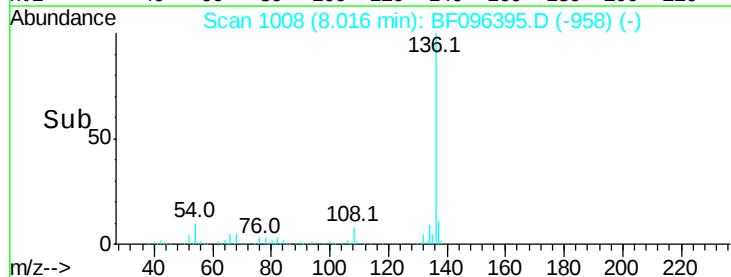
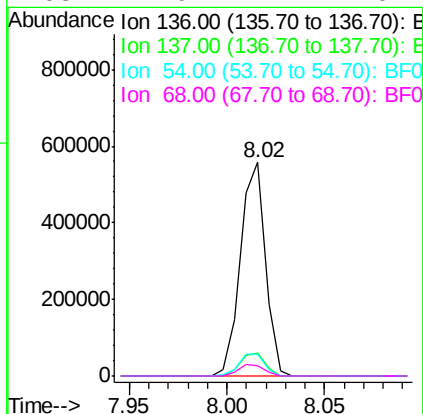
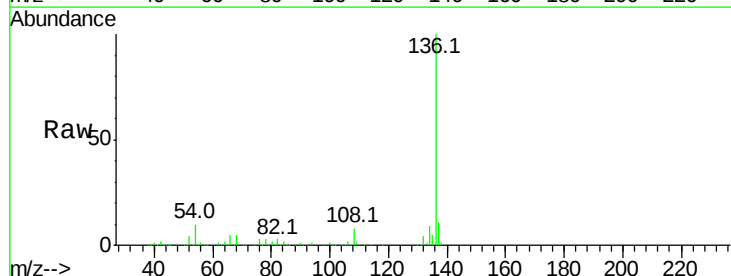
Instrument :
 BNA_F
 ClientSampleId :

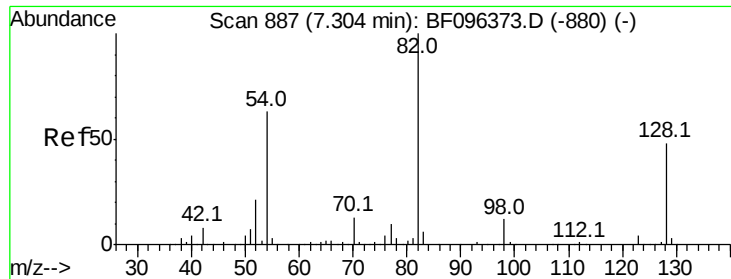
Tot Ion:	70	Resp:	69825
Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF096395.D
 Acq: 1 Jul 2017 22:52

Tgt Ion:	136	Resp:	495189
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.9	4.9	7.3#
68	4.9	4.1	6.1

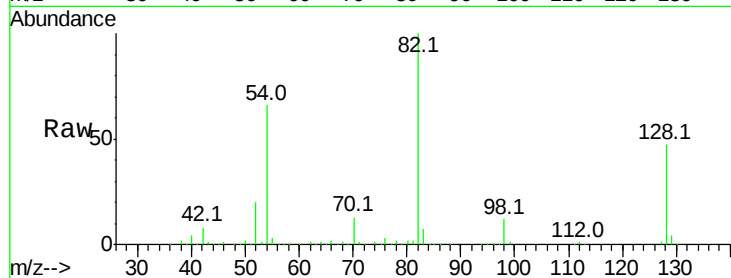




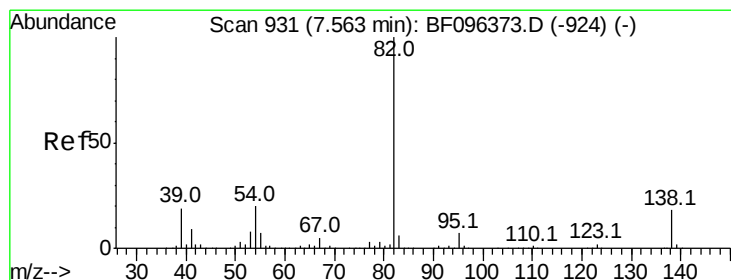
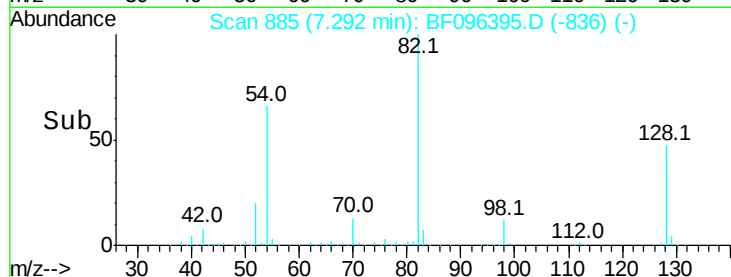
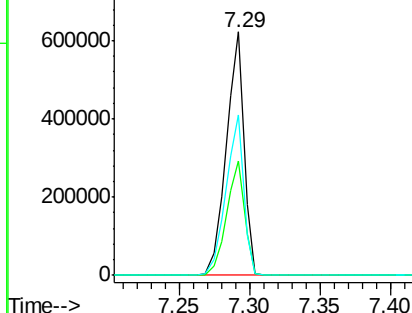
#23
Nitrobenzene-d5
Concen: 65.86 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 542742
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 65.7 42.2 63.2#

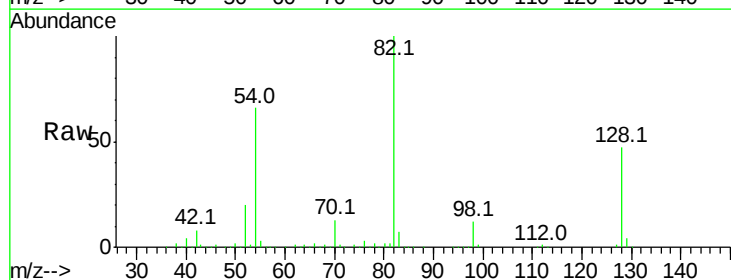


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

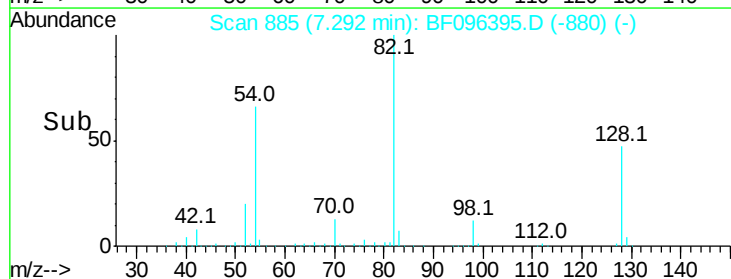
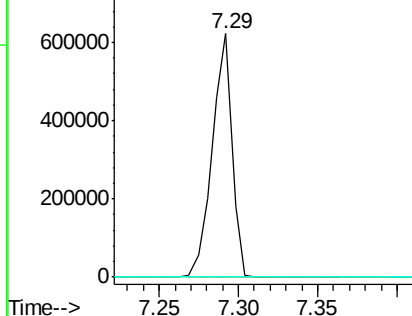


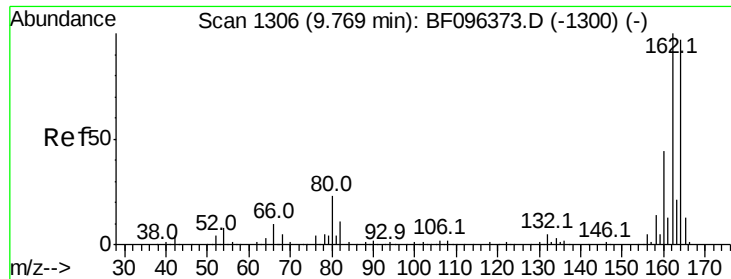
#25
Isophorone
Concen: 33.85 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Tgt Ion: 82 Resp: 540910
Ion Ratio Lower Upper
82 100
95 0.1 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

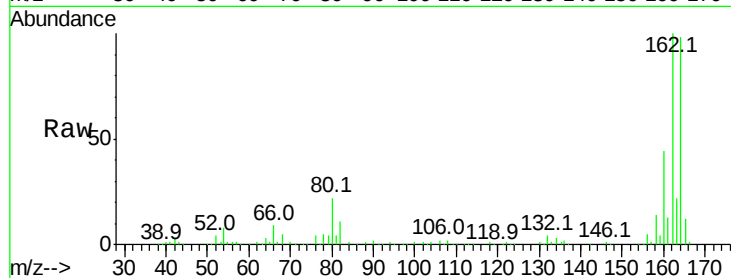




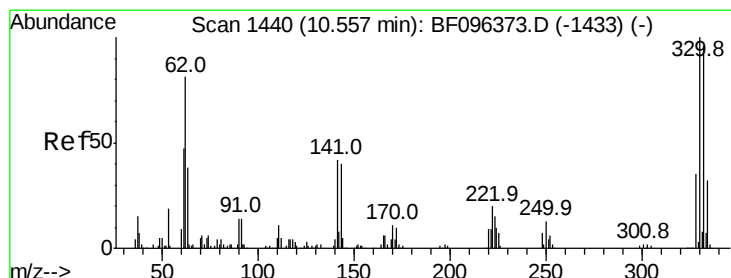
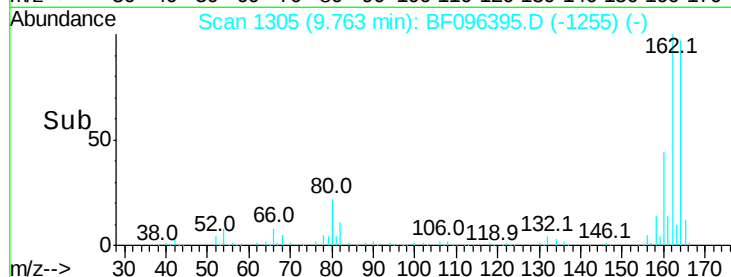
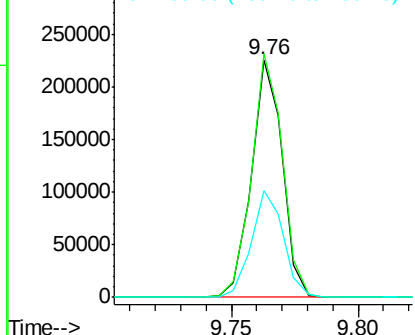
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 189857
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 44.9 36.2 54.2

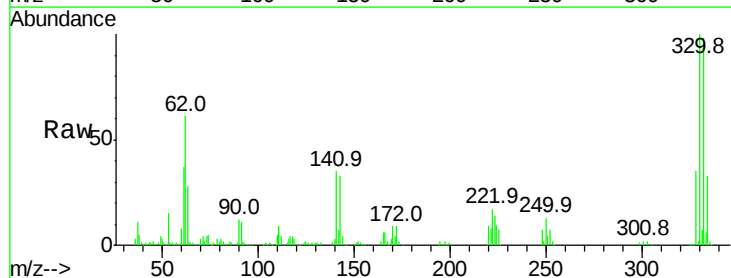


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

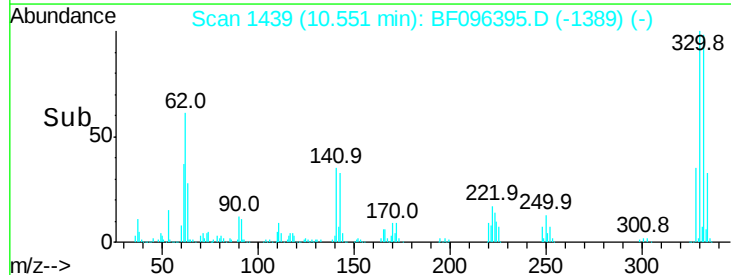
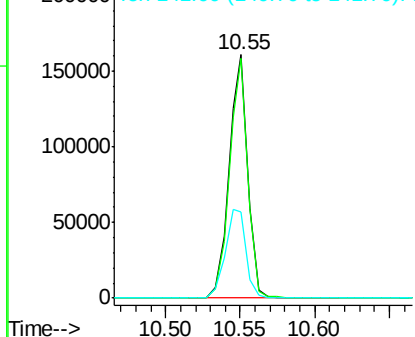


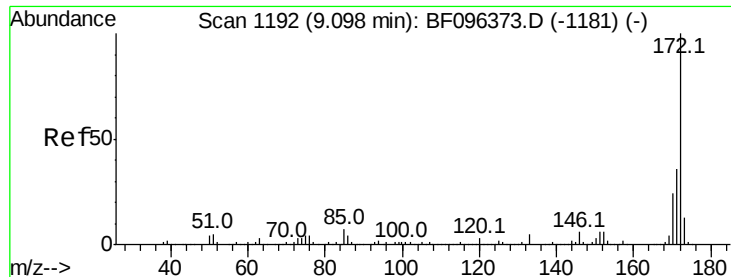
#41
2,4,6-Tribromophenol
Concen: 95.77 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Tgt Ion:330 Resp: 142025
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 40.4 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

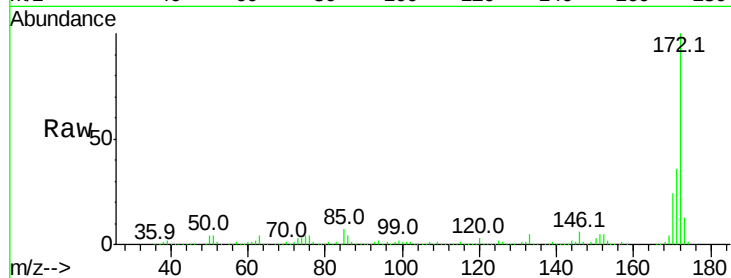




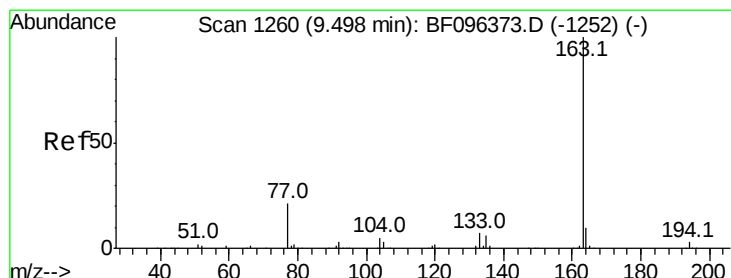
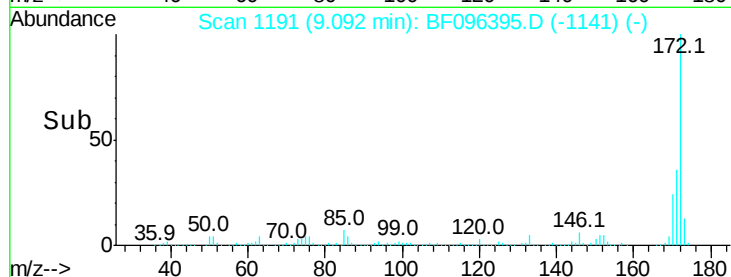
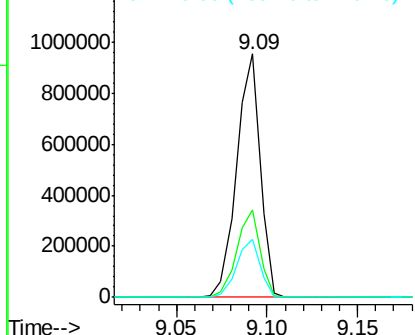
#44
2-Fluorobiphenyl
Concen: 77.55 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 861136
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.8 29.8

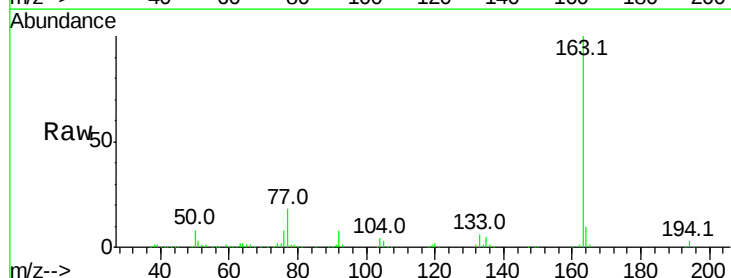


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

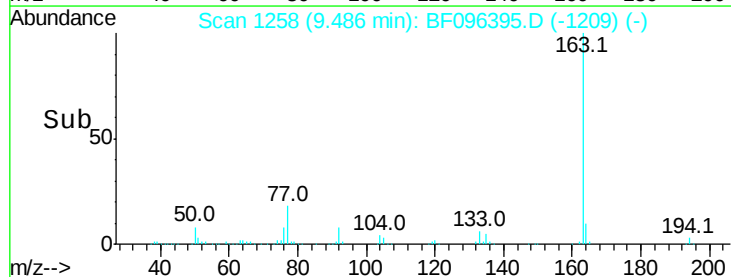
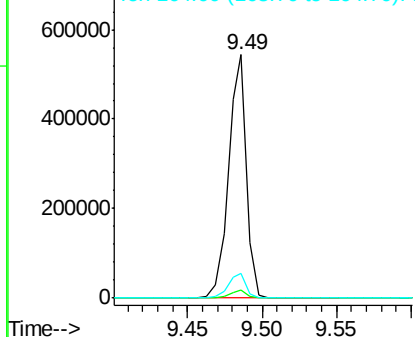


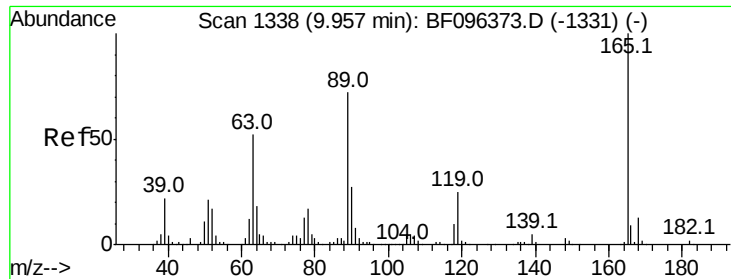
#49
Dimethylphthalate
Concen: 32.30 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Tgt Ion:163 Resp: 457840
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

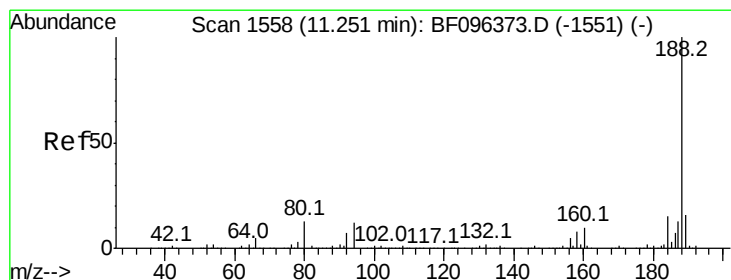
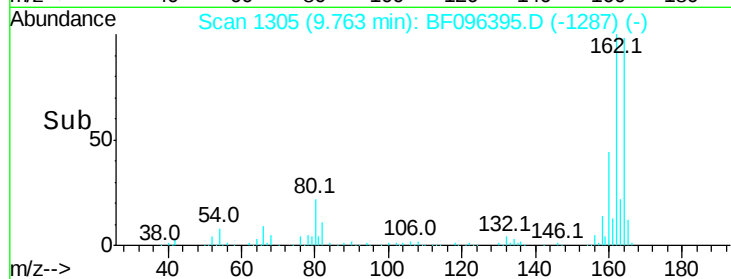
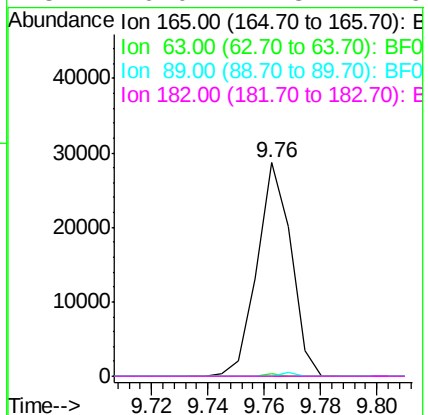
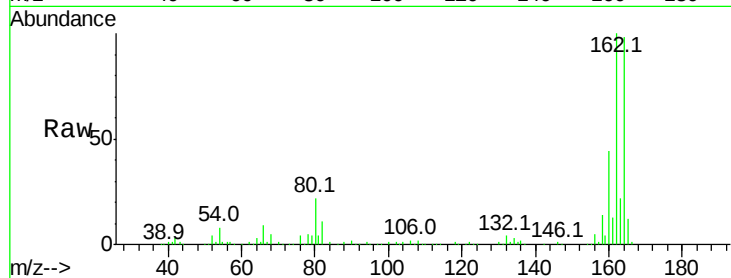




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF096395.D
 Acq: 1 Jul 2017 22:52

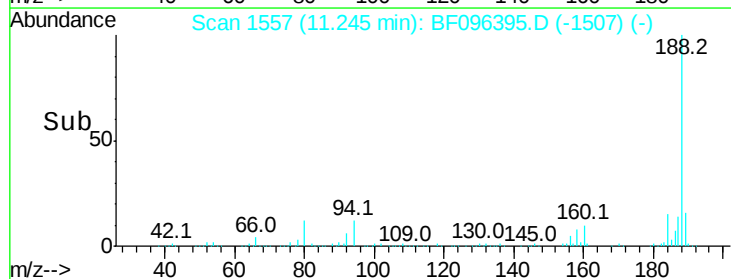
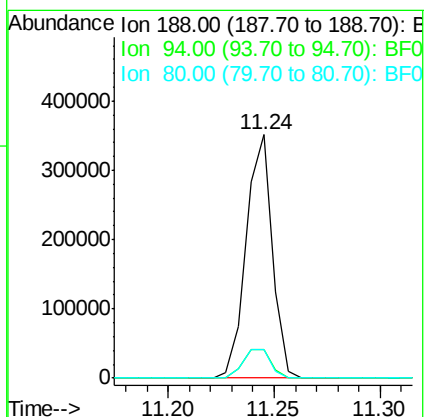
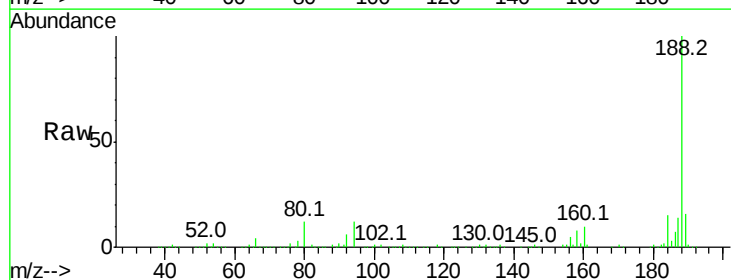
Instrument :
 BNA_F
 ClientSampleId :

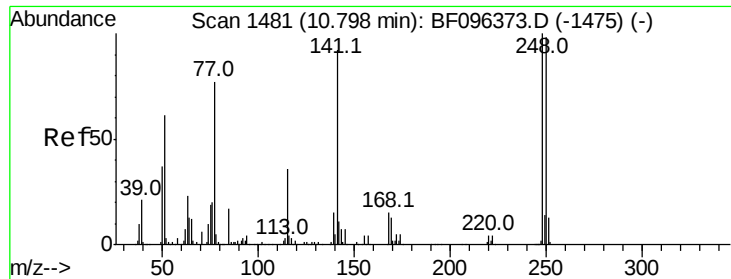
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096395.D
 Acq: 1 Jul 2017 22:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	11.8	10.2	15.2

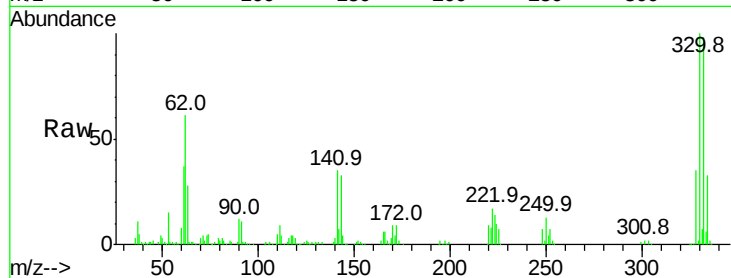




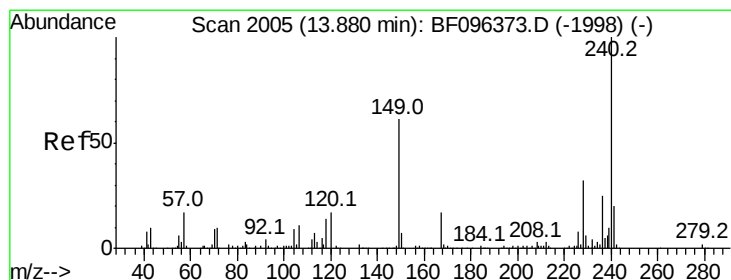
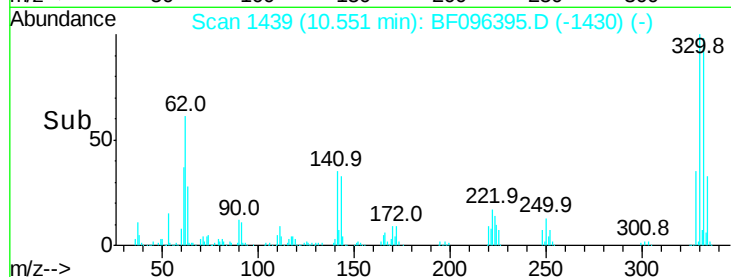
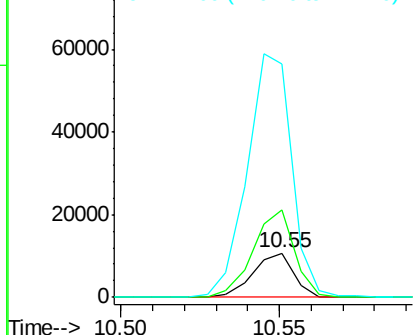
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9555
Ion Ratio Lower Upper
248 100
250 199.2 76.8 115.2#
141 532.1 68.6 103.0#

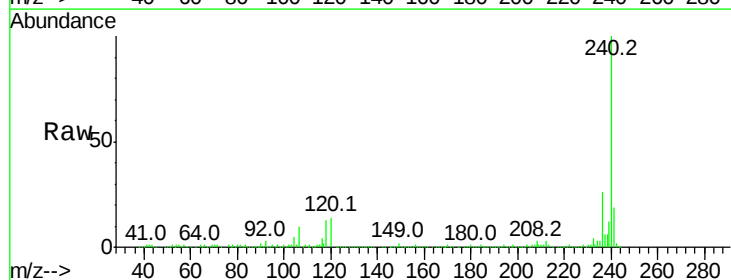


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

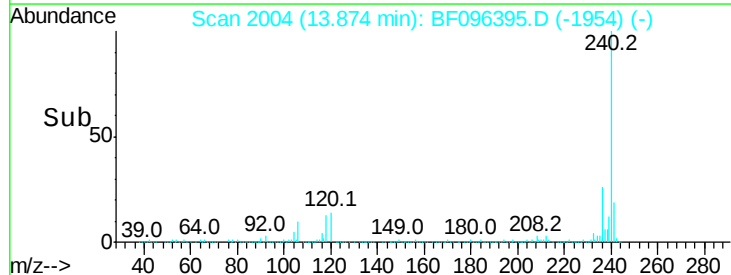
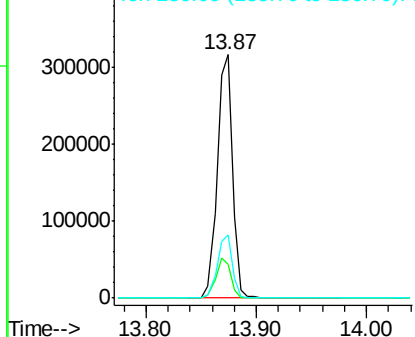


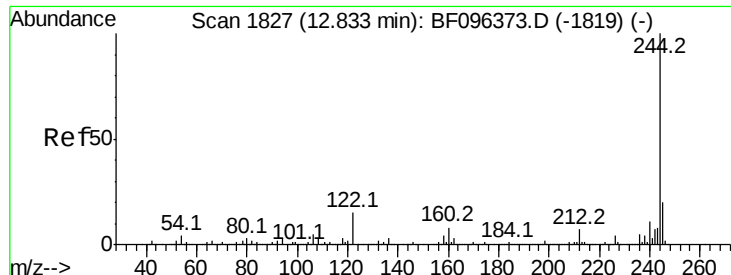
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096395.D
Acq: 1 Jul 2017 22:52

Tgt Ion:240 Resp: 304331
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 26.0 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

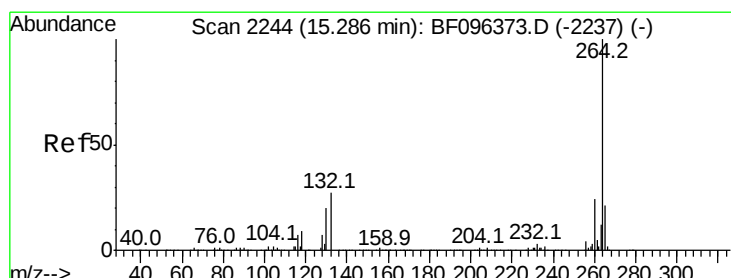
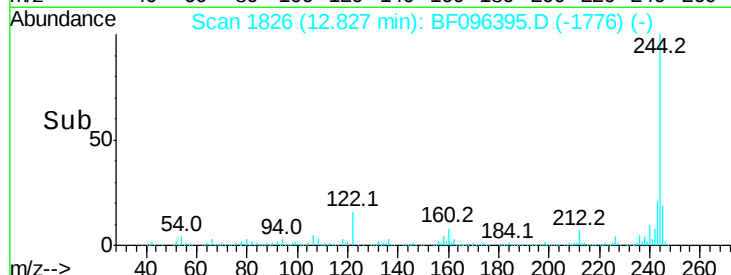
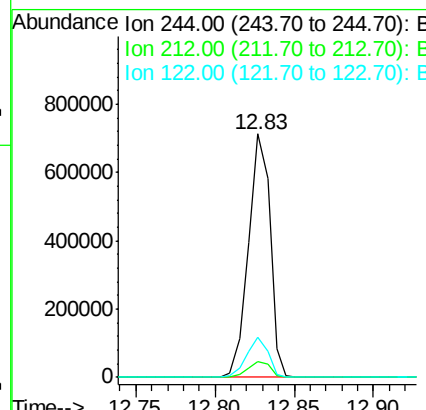
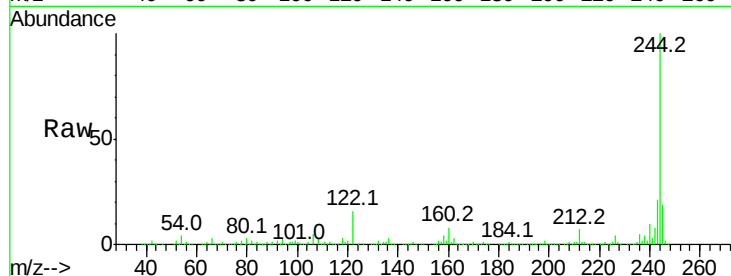




#78
 Terphenyl-d14
 Concen: 47.51 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096395.D
 Acq: 1 Jul 2017 22:52

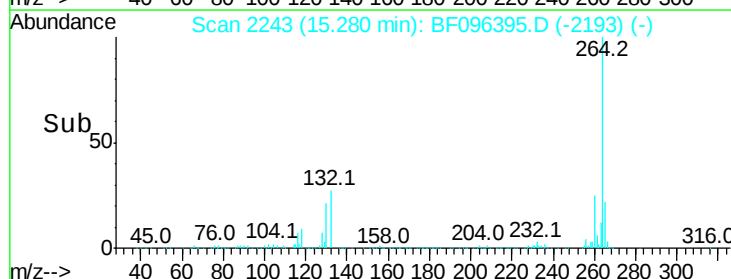
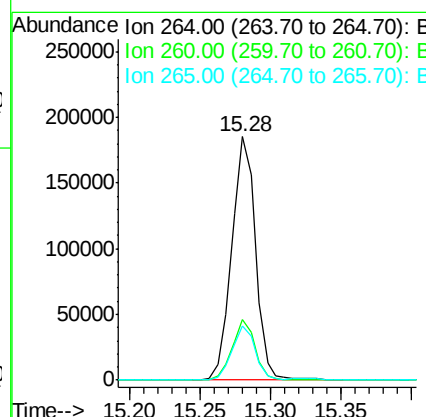
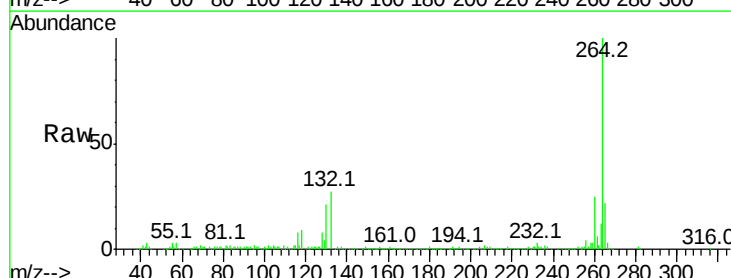
Instrument :
 BNA_F
 ClientSampleId :

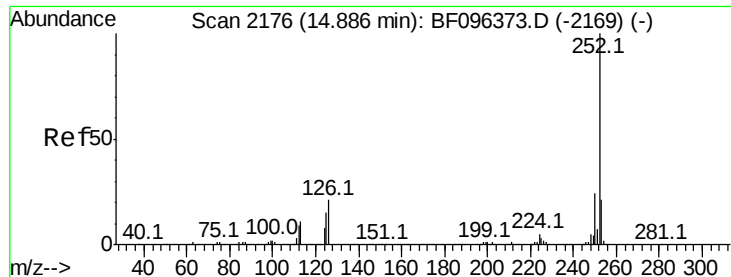
Tot Ion:244 Resp: 676706
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 16.4 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096395.D
 Acq: 1 Jul 2017 22:52

Tgt Ion:264 Resp: 217188
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.82 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF096395.D

Acq: 1 Jul 2017 22:52

Instrument :

BNA_F

ClientSampled :

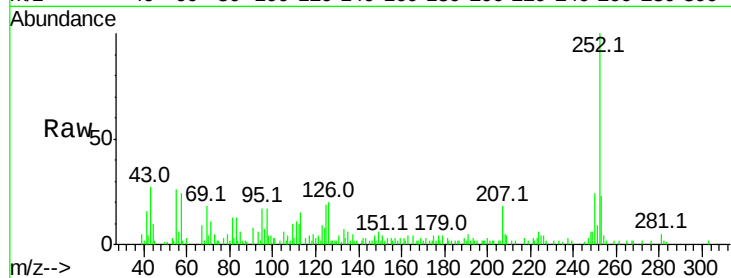
Tot Ion:252 Resp: 38395

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

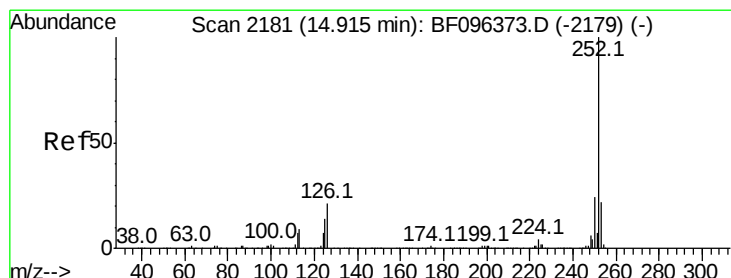
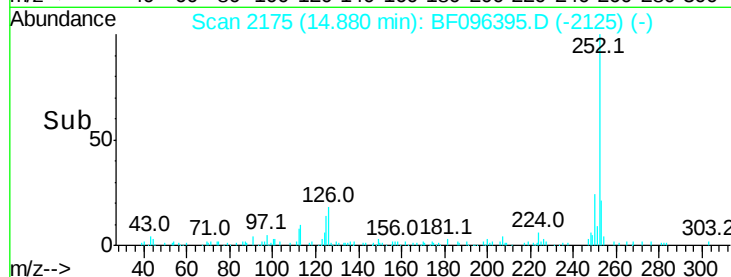
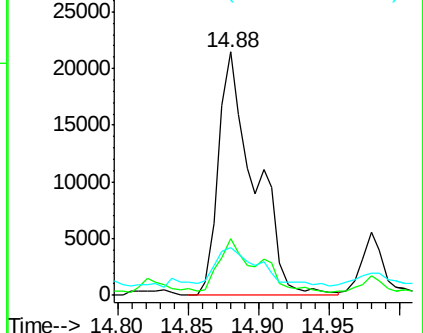
125 19.5 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.15 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF096395.D

Acq: 1 Jul 2017 22:52

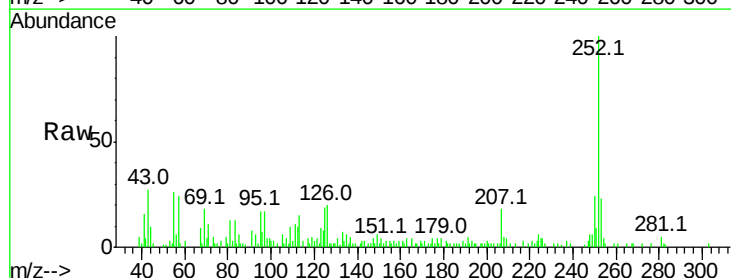
Tgt Ion:252 Resp: 38395

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

125 19.5 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

