

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096553.D
 Acq On : 7 Jul 2017 12:31
 Operator : SJ/MA
 Sample : I4064-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 13:13:07 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

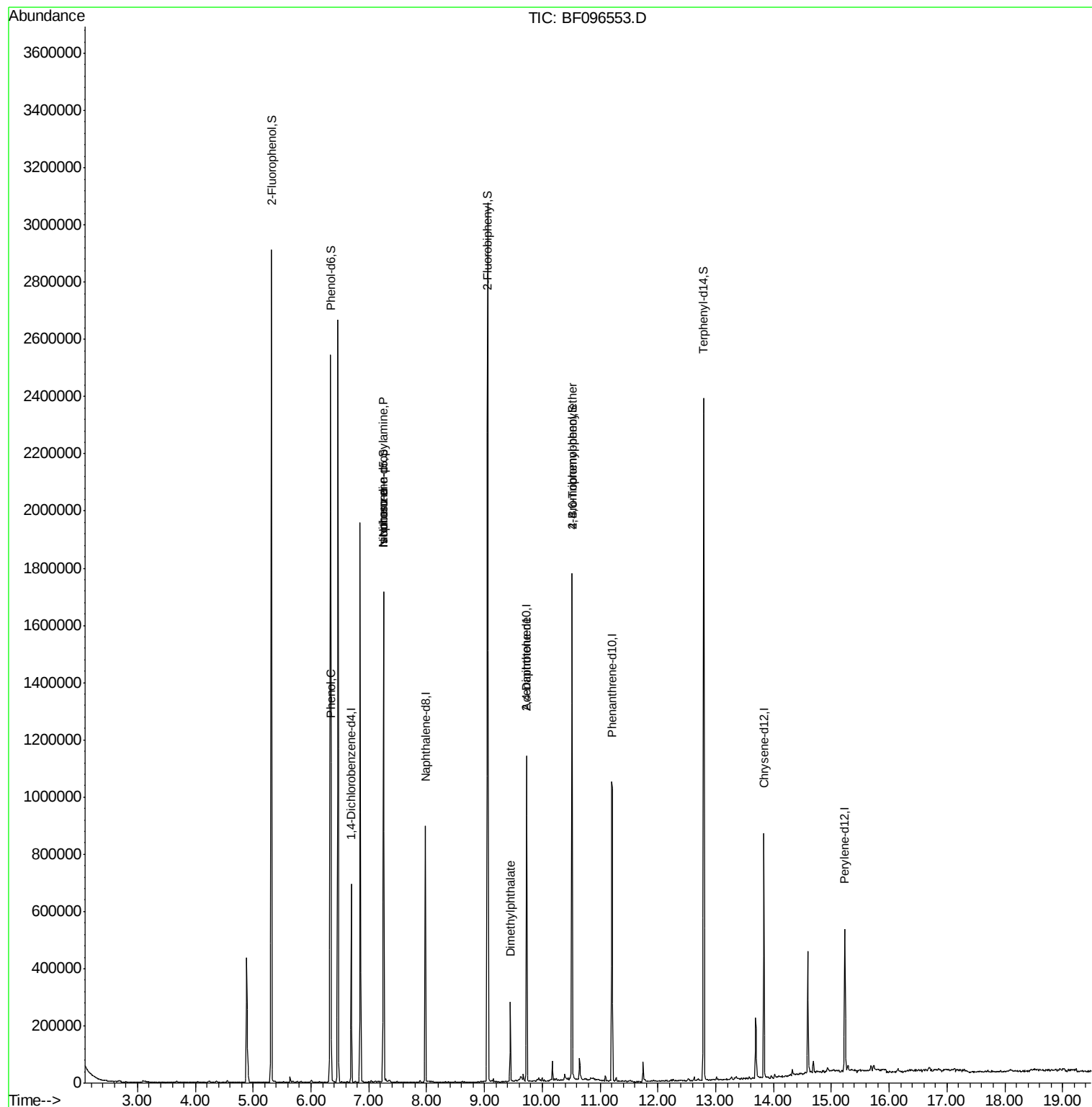
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103057	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	445035	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	225332	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	390736	20.00	ng	0.00
75) Chrysene-d12	13.83	240	281058	20.00	ng	-0.01
86) Perylene-d12	15.23	264	201963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	818477	117.22	ng	0.00
7) Phenol-d6	6.34	99	897155	104.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	527218	71.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	201085	114.25	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1024547	77.74	ng	0.00
78) Terphenyl-d14	12.79	244	843410	64.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	28622	2.93	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	70271	13.74	ng	# 89
25) Isophorone	7.26	82	522187	36.37	ng	# 67
49) Dimethylphthalate	9.45	163	106904	6.36	ng	99
56) 2,4-Dinitrotoluene	9.73	165	28614	6.07	ng	# 32
66) 4-Bromophenyl-phenylether	10.52	248	12986	3.41	ng	# 1

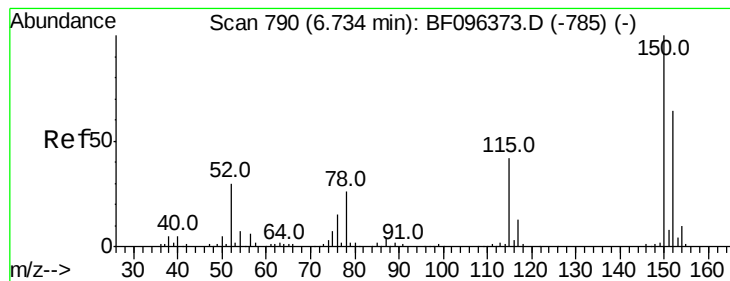
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 07 13:02:33 2017
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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: BF096553.D

Acq: 7 Jul 2017 12:31

Instrument :

BNA_F

ClientSampleId :

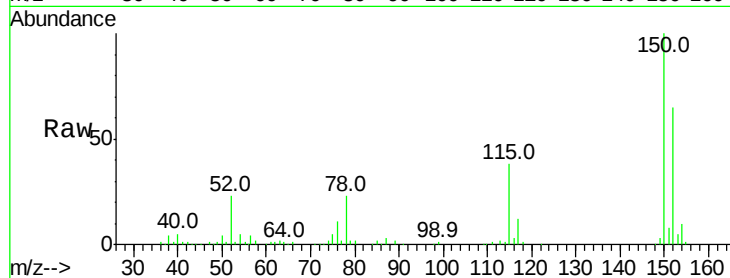
Tot Ion:152 Resp: 103057

Ion Ratio Lower Upper

152 100

150 153.8 126.2 189.2

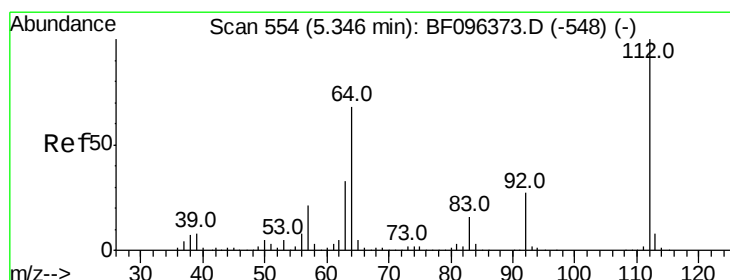
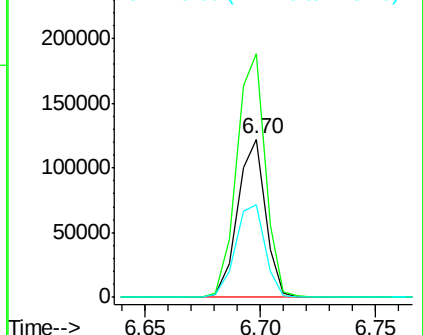
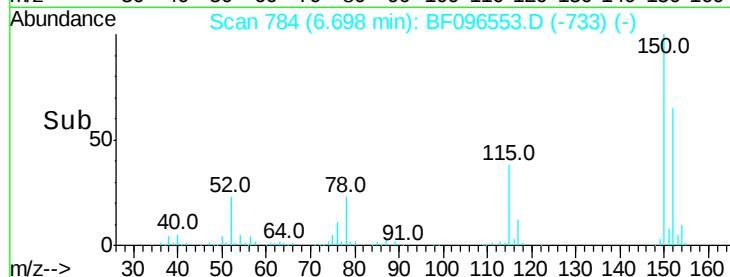
115 58.7 52.2 78.2



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: 117.22 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF096553.D

Acq: 7 Jul 2017 12:31

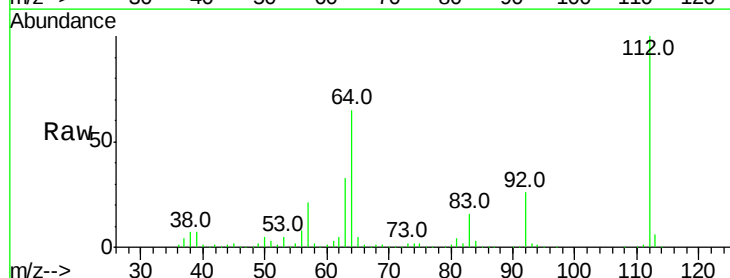
Tgt Ion:112 Resp: 818477

Ion Ratio Lower Upper

112 100

64 64.6 46.0 69.0

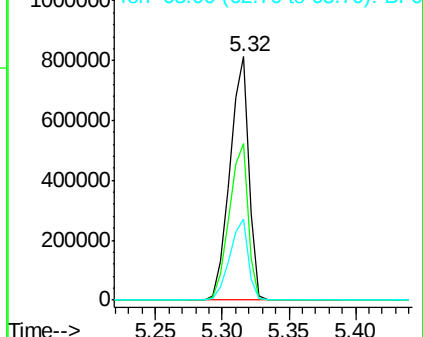
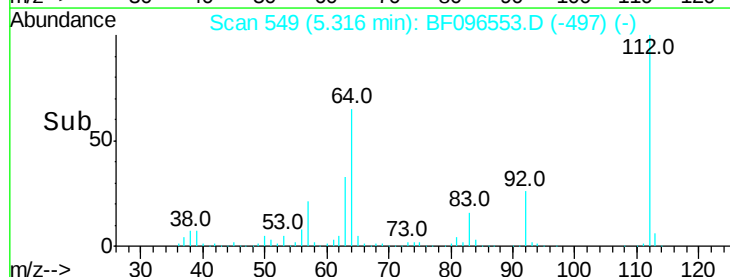
63 33.2 23.4 35.0

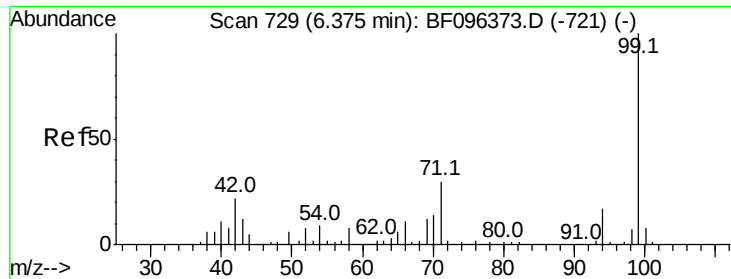


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.52 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096553.D

Acq: 7 Jul 2017 12:31

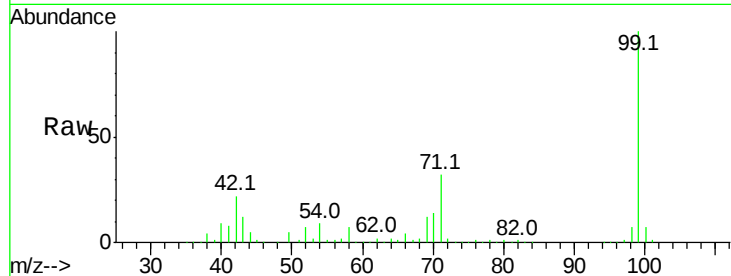
Instrument :

BNA_F

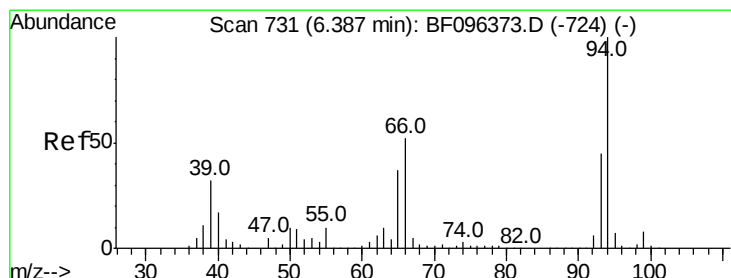
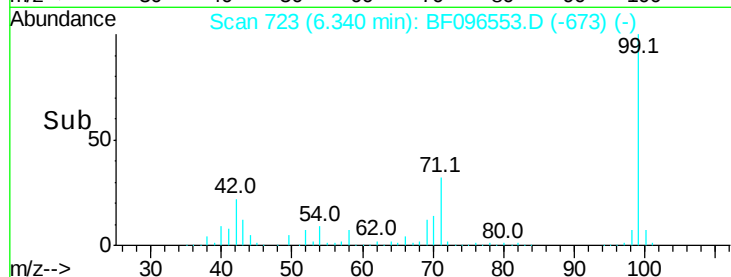
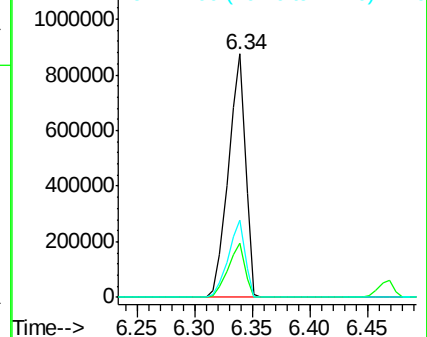
ClientSampled :

Tot Ion: 99 Resp: 897155

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.7	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: 2.93 ng

RT: 6.35 min Scan# 725

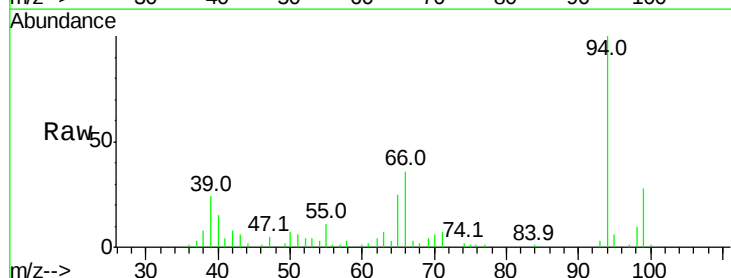
Delta R.T. -0.01 min

Lab File: BF096553.D

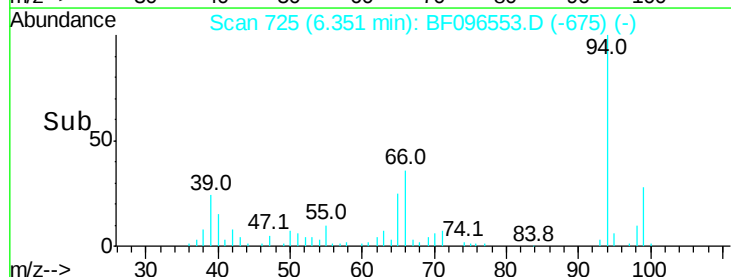
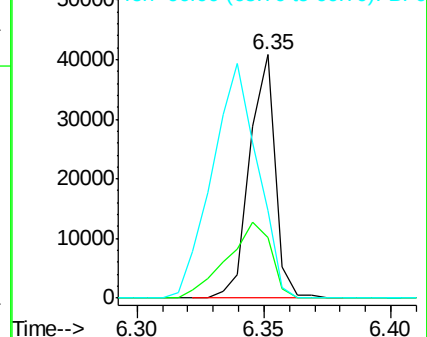
Acq: 7 Jul 2017 12:31

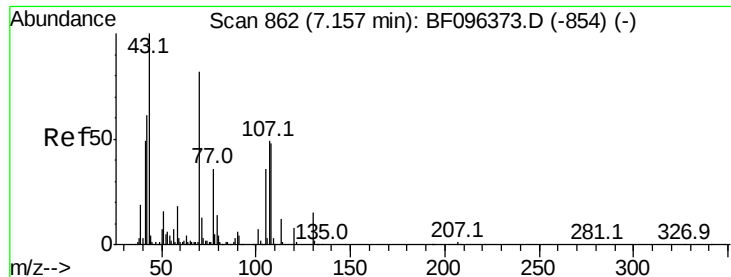
Tgt Ion: 94 Resp: 28622

Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	35.9	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

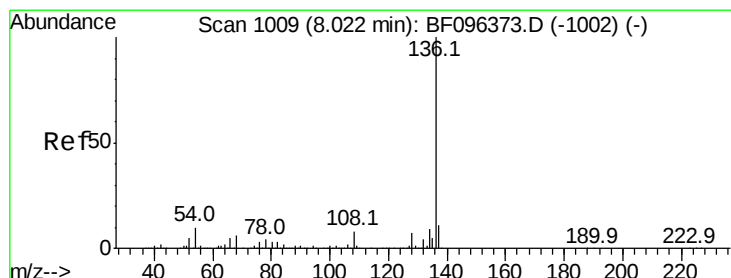
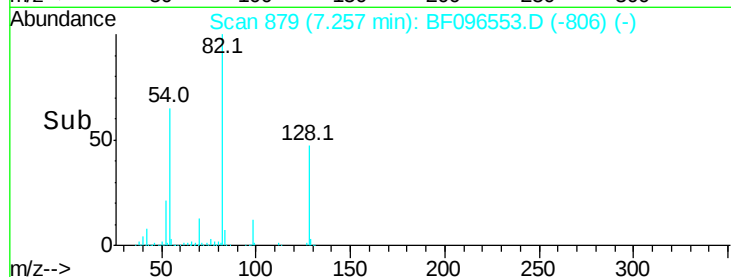
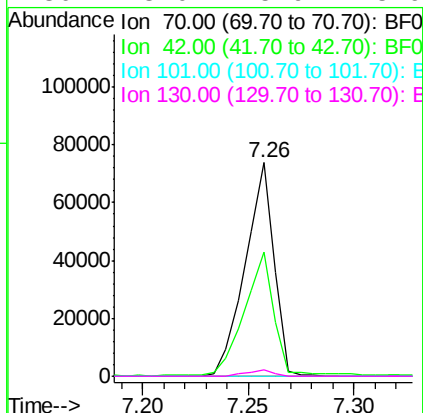
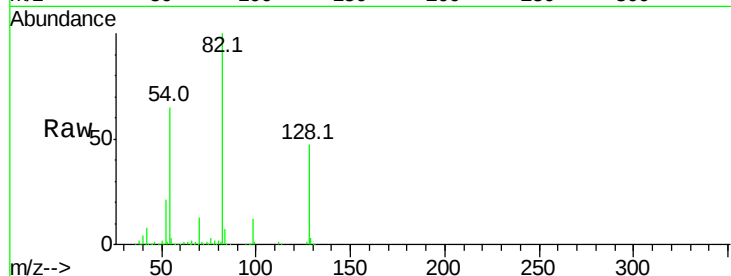




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.74 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.13 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

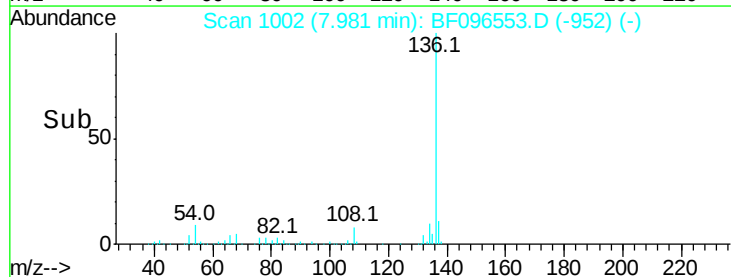
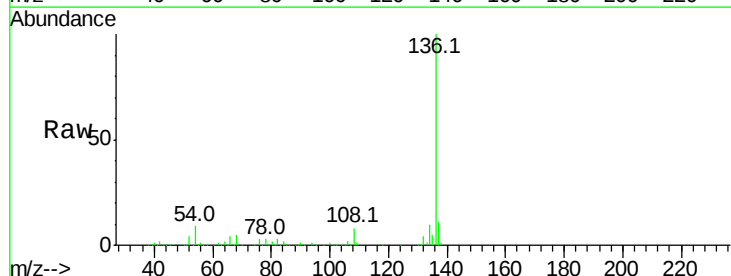
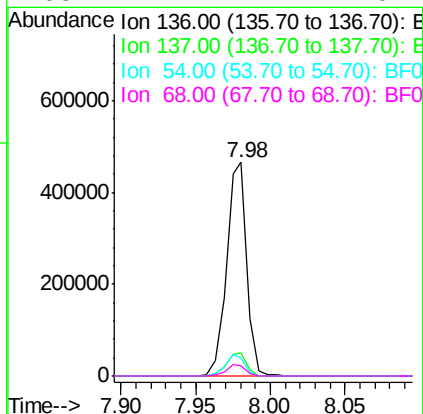
Instrument :
 BNA_F
 ClientSampleId :

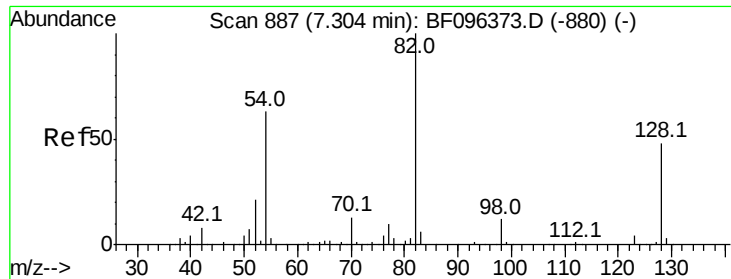
Tot Ion: 70 Resp: 70271
 Ion Ratio Lower Upper
 70 100
 42 58.3 47.2 70.8
 101 0.0 7.2 10.8#
 130 3.0 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Tgt Ion:136 Resp: 445035
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.5 12.7
 54 8.6 4.9 7.3#
 68 4.7 4.1 6.1

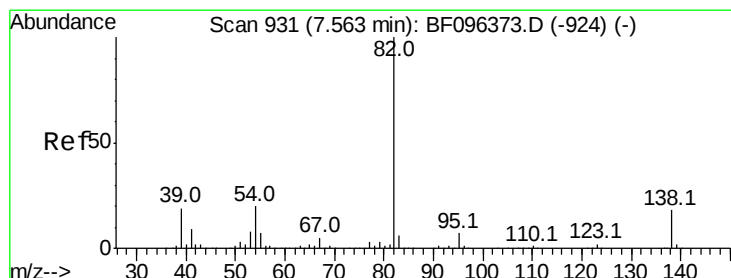
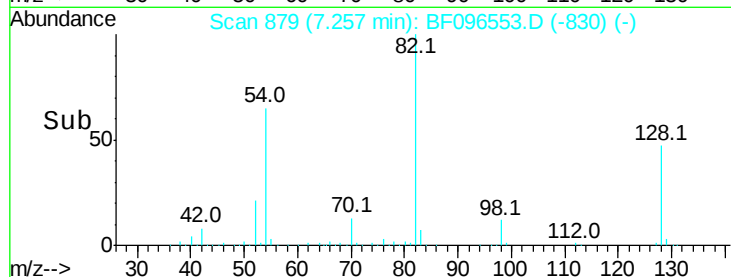
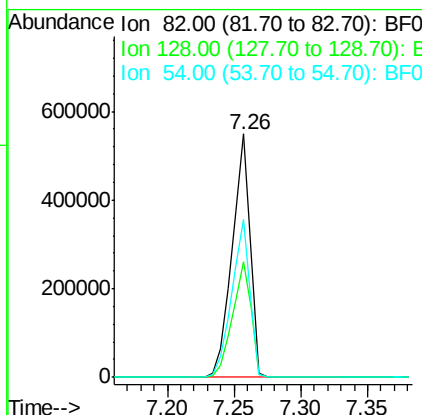
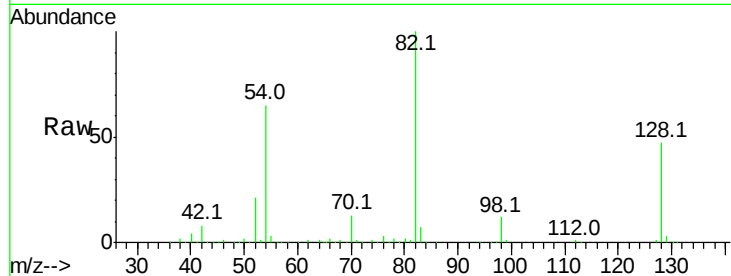




#23
 Nitrobenzene-d5
 Concen: 71.19 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

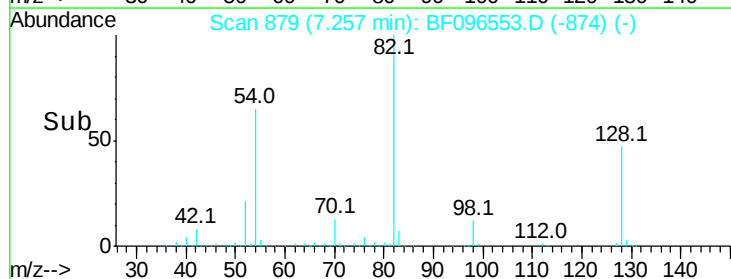
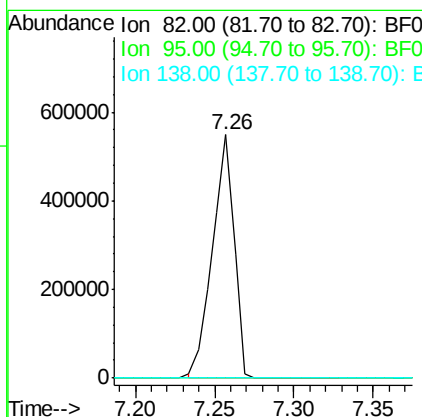
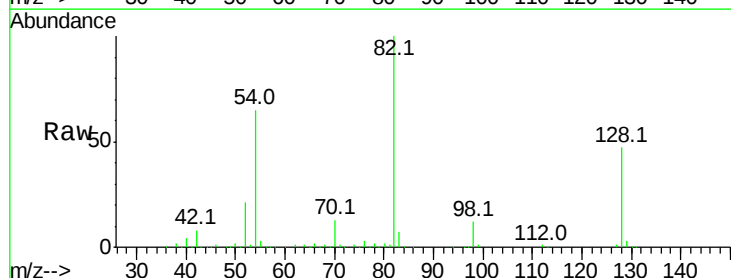
Instrument :
 BNA_F
 ClientSampleId :

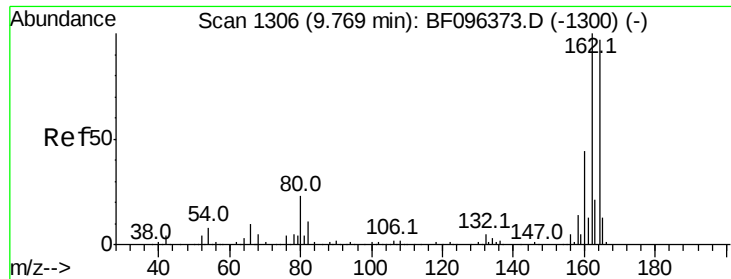
Tot Ion	82	Resp	527218
Ion Ratio	100	Lower	Upper
128	47.2	34.0	51.0
54	64.7	42.2	63.2#



#25
 Isophorone
 Concen: 36.37 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.27 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Tgt Ion	82	Resp	522187
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

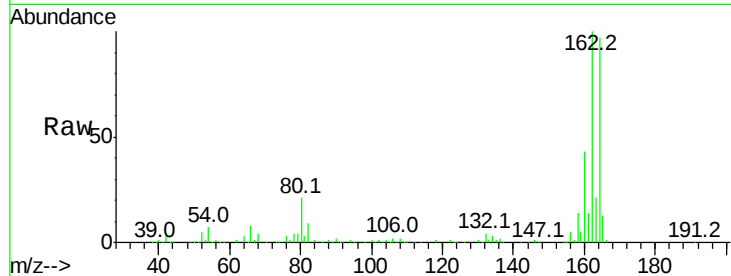




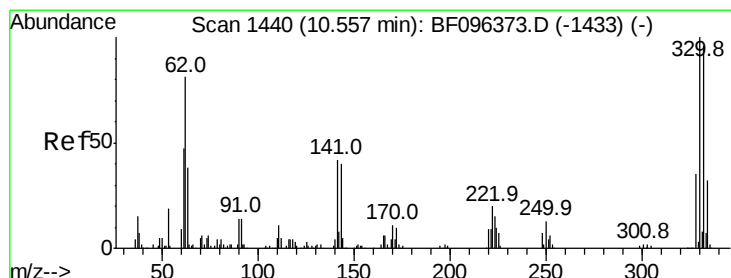
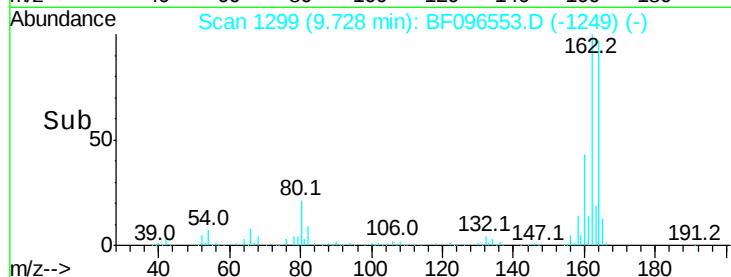
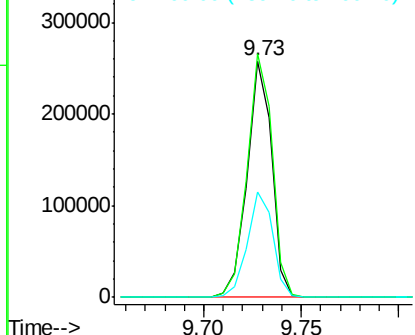
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 225332
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.5 36.2 54.2

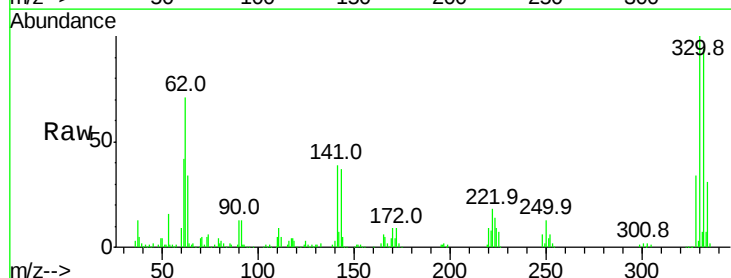


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

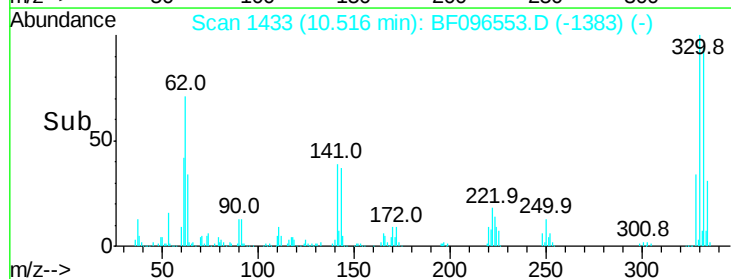
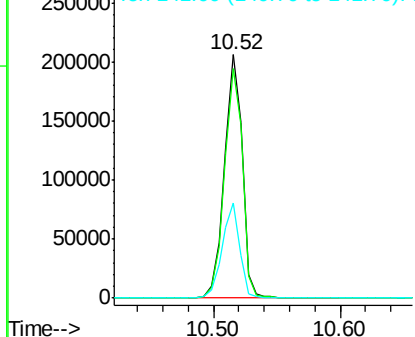


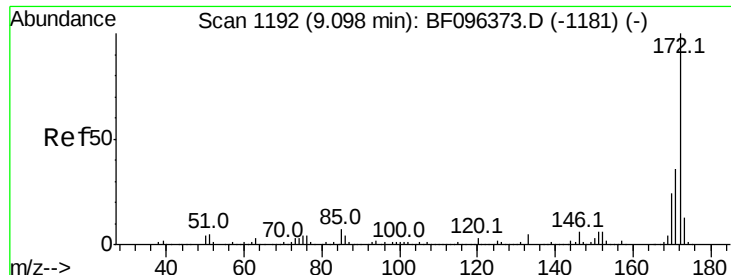
#41
2,4,6-Tribromophenol
Concen: 114.25 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:330 Resp: 201085
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 38.8 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



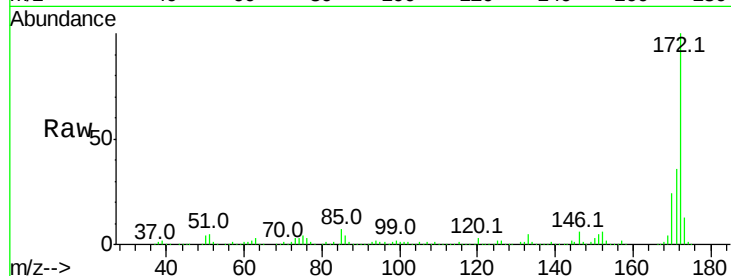


#44
 2-Fluorobiphenyl
 Concen: 77.74 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

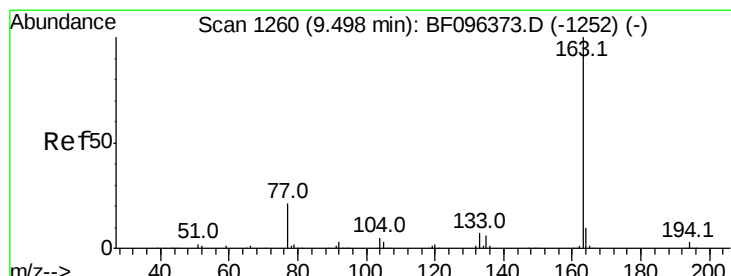
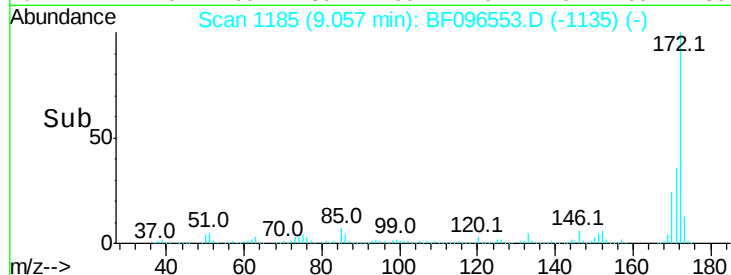
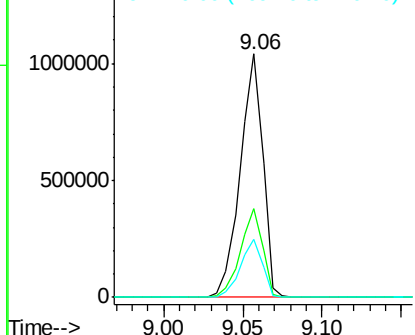
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1024547

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8



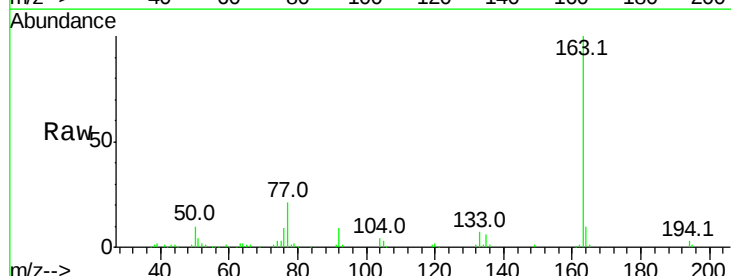
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



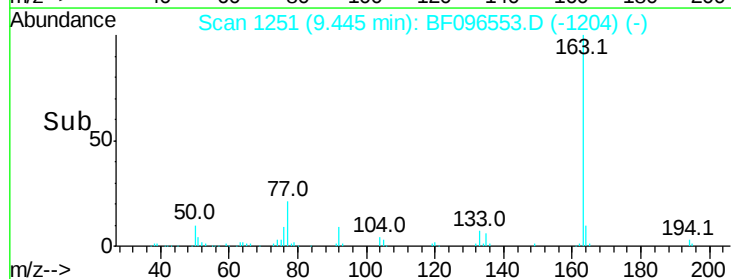
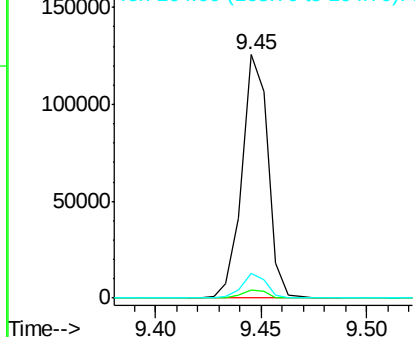
#49
 Dimethylphthalate
 Concen: 6.36 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

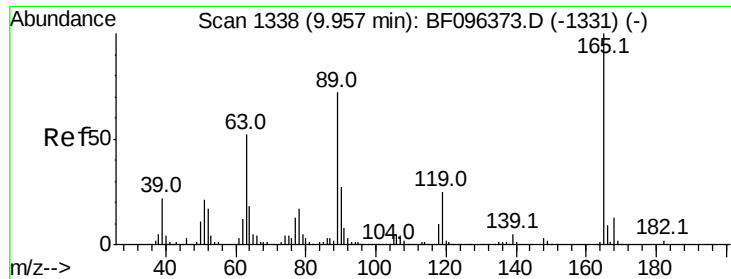
Tgt Ion:163 Resp: 106904

Ion	Ratio	Lower	Upper
163	100		
194	3.2	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

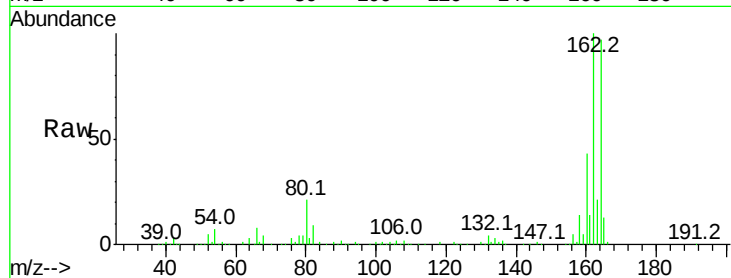




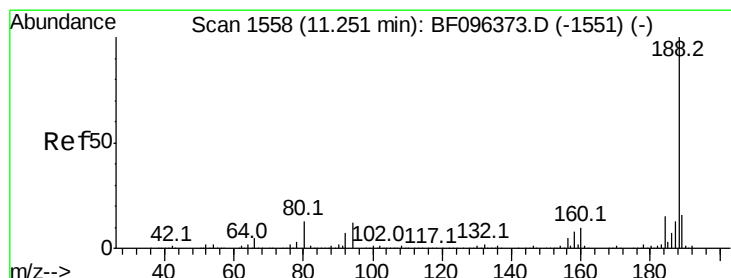
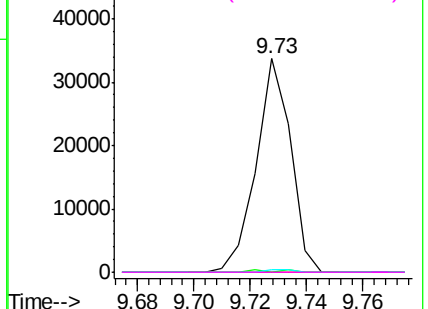
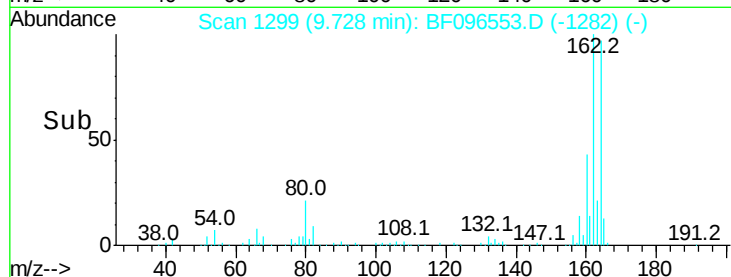
#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 28614
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#

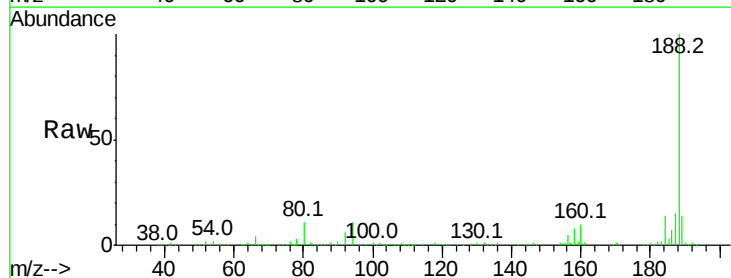


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

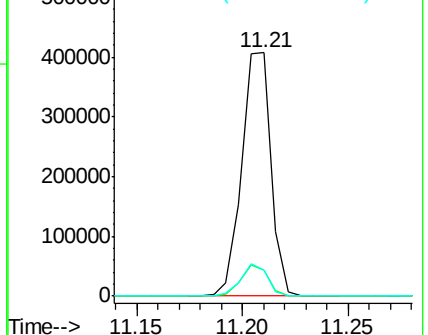
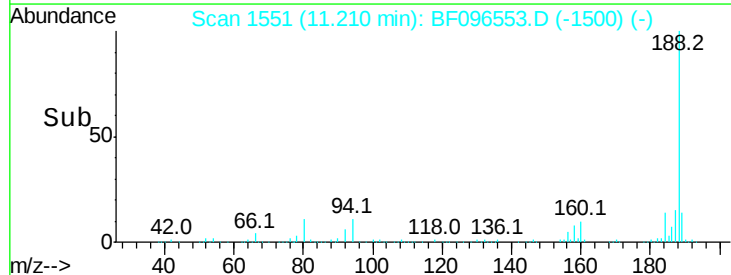


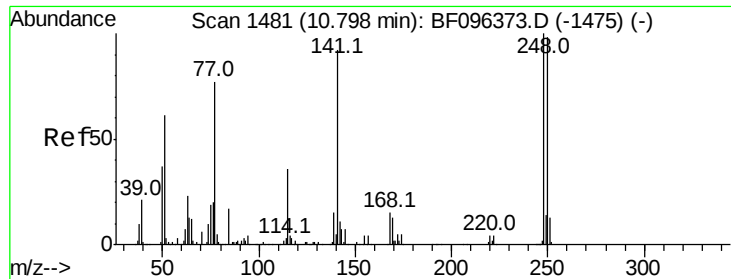
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Tgt Ion:188 Resp: 390736
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.7 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

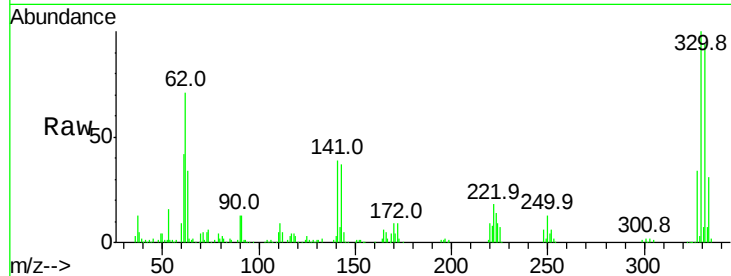




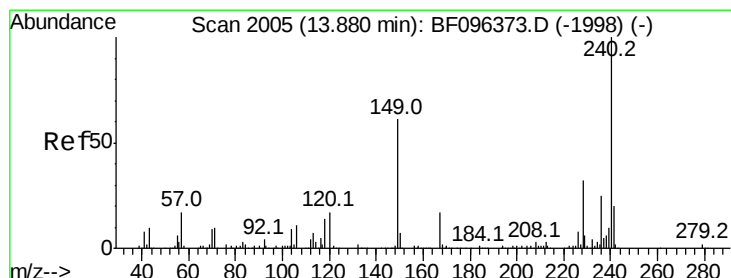
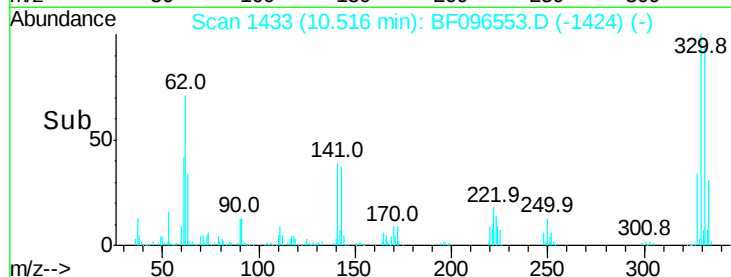
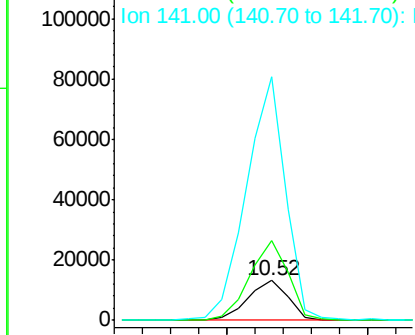
#66
4-Bromophenyl-phenylether
Concen: 3.41 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12986
Ion Ratio Lower Upper
248 100
250 201.9 76.8 115.2#
141 611.4 68.6 103.0#

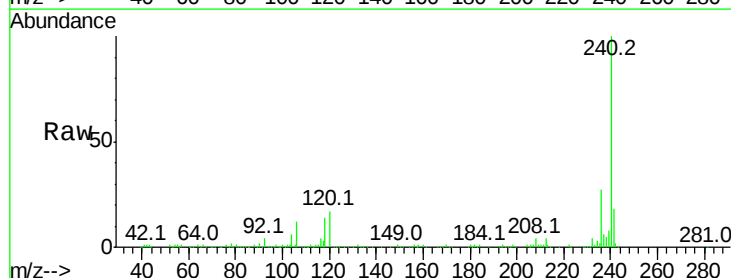


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

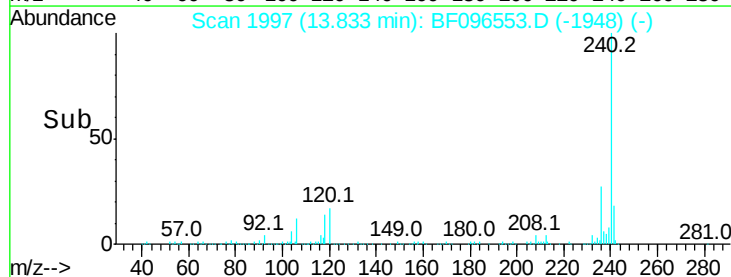
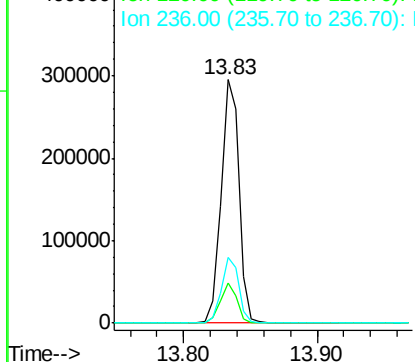


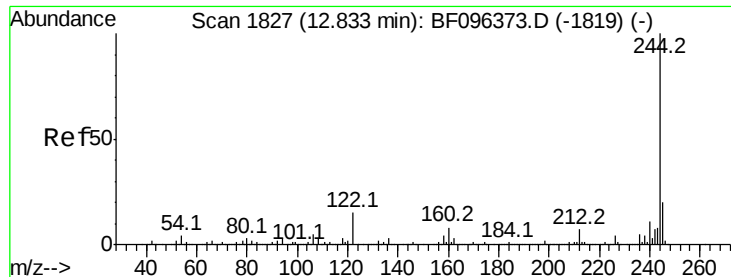
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096553.D
Acq: 7 Jul 2017 12:31

Tgt Ion:240 Resp: 281058
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 27.0 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

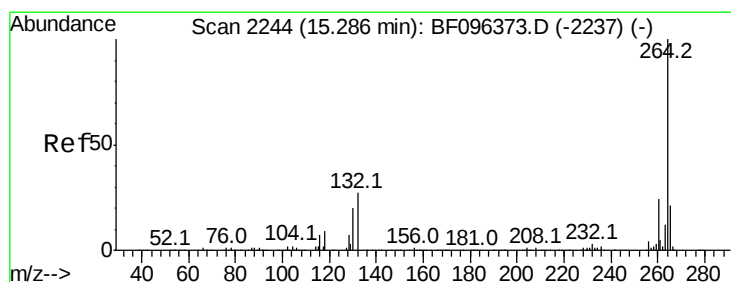
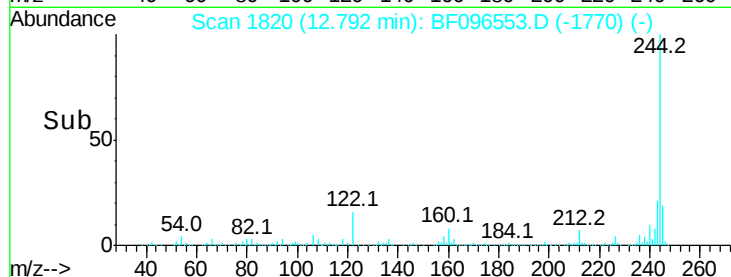
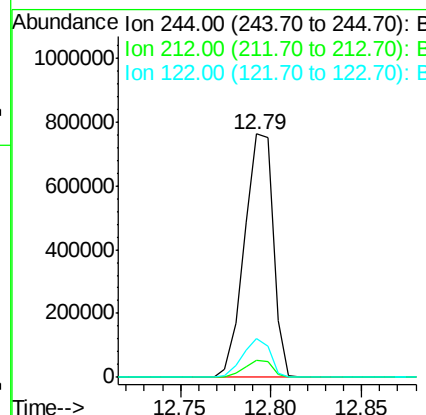
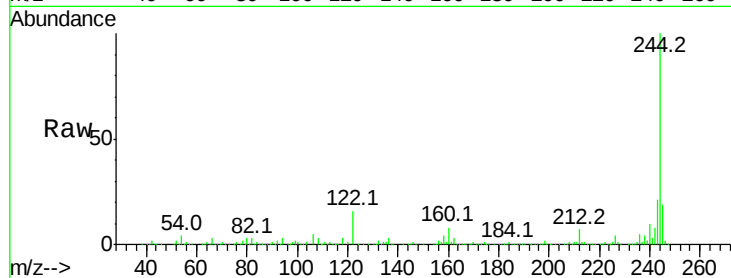




#78
 Terphenyl-d14
 Concen: 64.12 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096553.D
 Acq: 7 Jul 2017 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 843410
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.9 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: BF096553.D
 Acq: 7 Jul 2017 12:31

Tgt Ion:264 Resp: 201963
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.9 17.2 25.8

