

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096873.D
 Acq On : 19 Jul 2017 16:43
 Operator : SJ/JU
 Sample : I4272-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 18:21:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

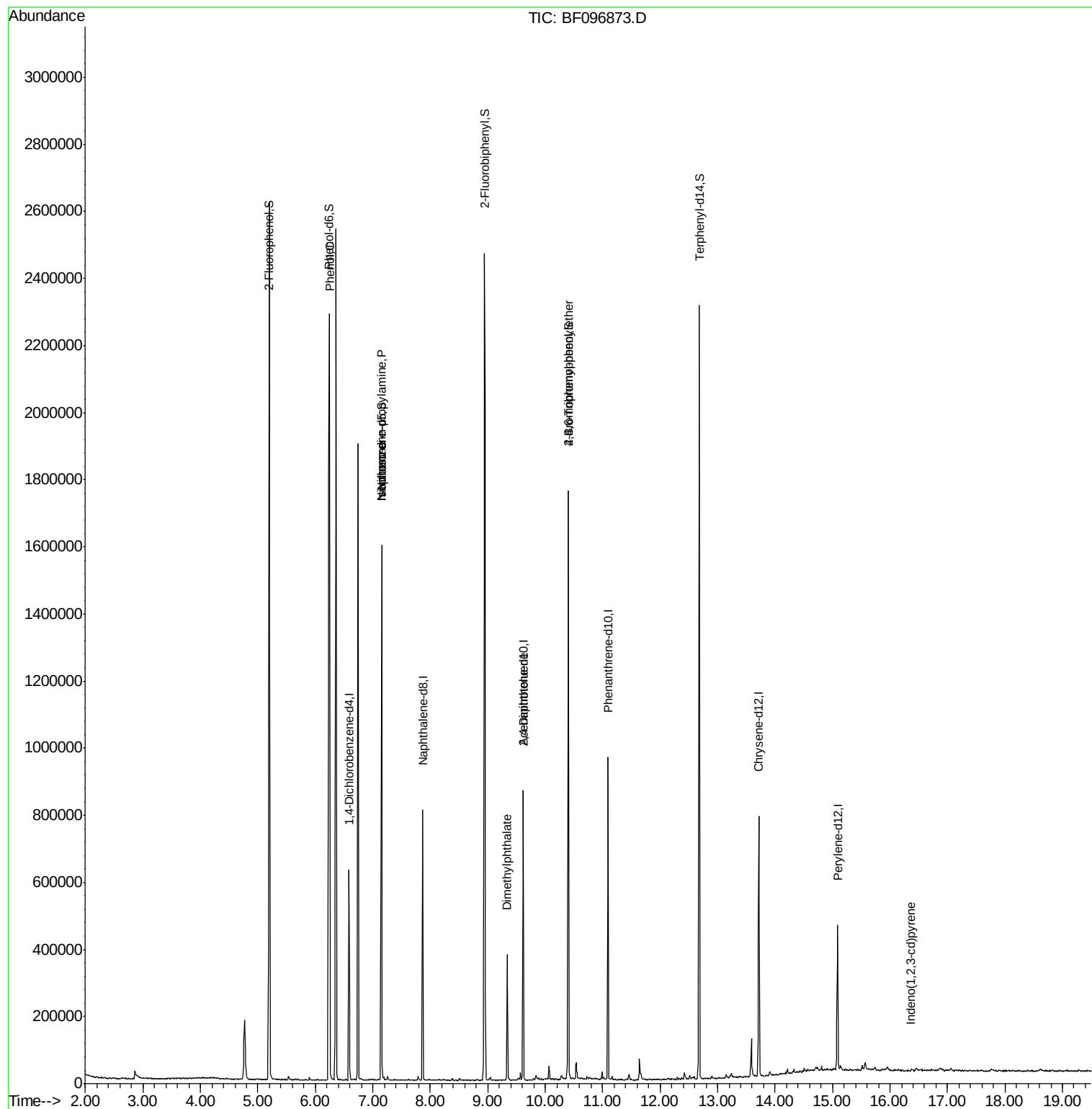
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	91535	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	377451	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	175326	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	322557	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	247528	20.00	ng	-0.02
86) Perylene-d12	15.09	264	169556	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	776290	127.52	ng	0.00
7) Phenol-d6	6.24	99	970659	132.87	ng	-0.01
23) Nitrobenzene-d5	7.15	82	533373	87.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	216176	144.45	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	881910	79.47	ng	-0.02
78) Terphenyl-d14	12.68	244	743280	52.08	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	37870	4.586	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	70755	16.076	ng	# 89
25) Isophorone	7.15	82	527341	46.519	ng	# 67
49) Dimethylphthalate	9.34	163	154777	11.724	ng	97
56) 2,4-Dinitrotoluene	9.62	165	22754	6.193	ng	# 33
66) 4-Bromophenyl-phenylether	10.40	248	14118	4.287	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.36	276	1476	3.429	ng	# 53

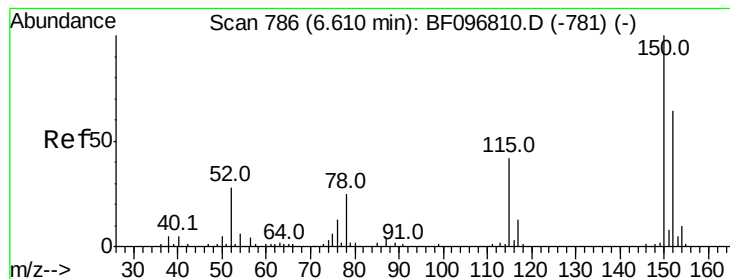
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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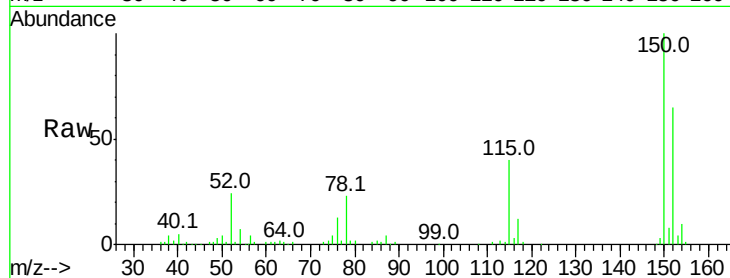


#1

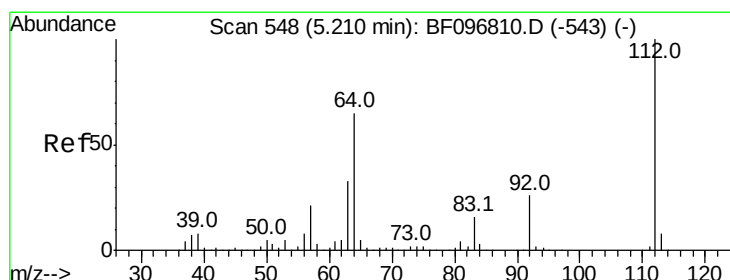
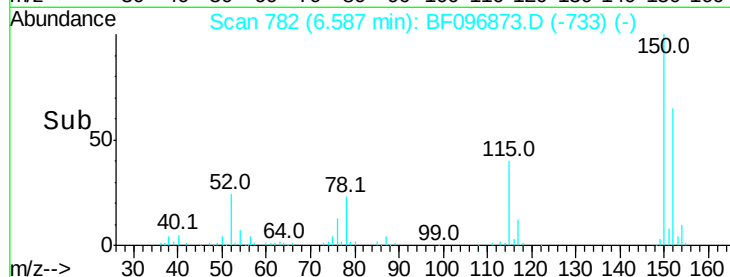
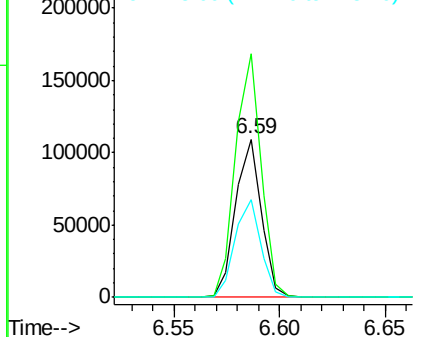
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91535
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 61.4 52.2 78.2



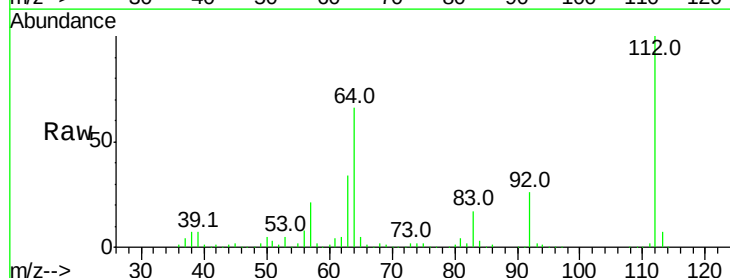
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



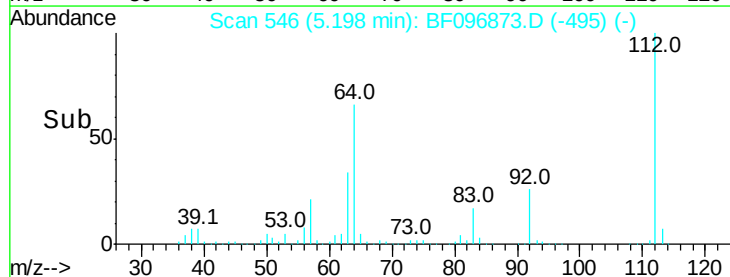
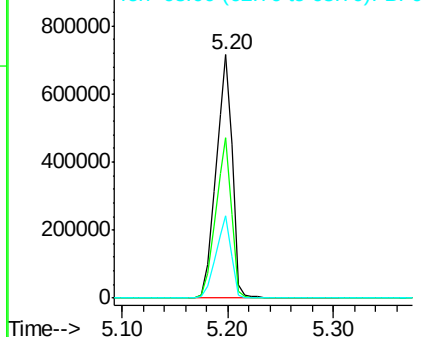
#5

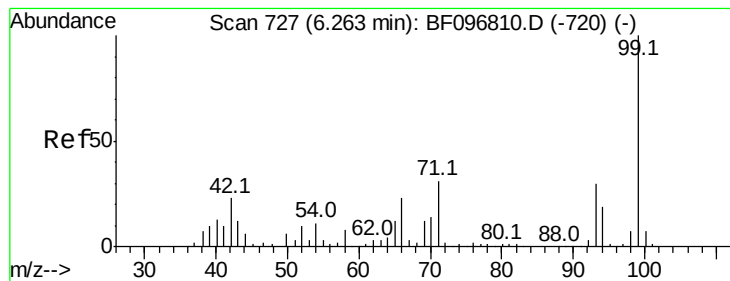
2-Fluorophenol
Concen: 127.516 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Tgt Ion:112 Resp: 776290
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 33.8 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: 132.866 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

Instrument :

BNA_F

ClientSampleId :

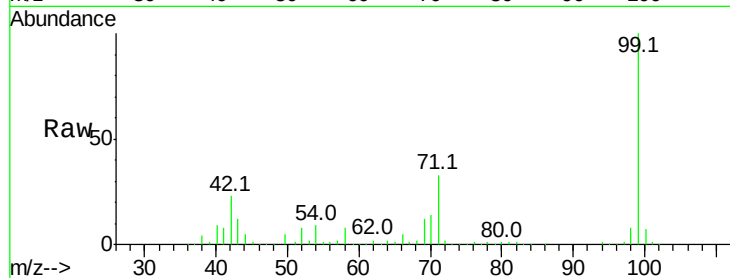
Tot Ion: 99 Resp: 970659

Ion Ratio Lower Upper

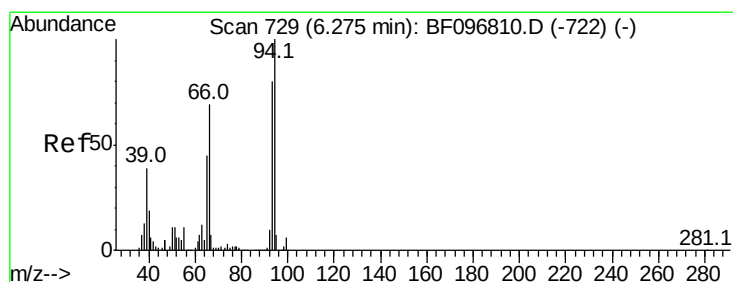
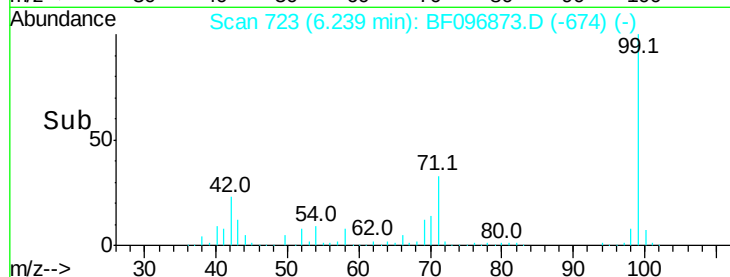
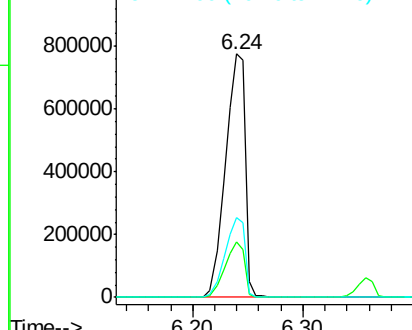
99 100

42 22.7 13.5 20.3#

71 32.8 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: 4.586 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

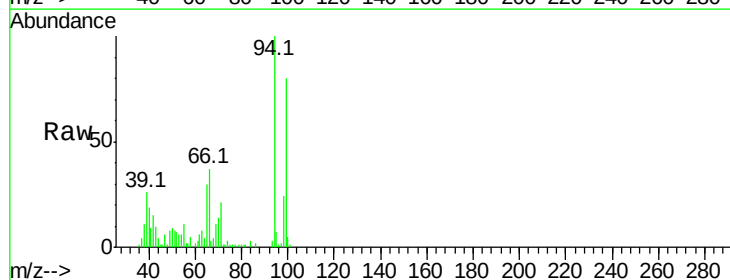
Tgt Ion: 94 Resp: 37870

Ion Ratio Lower Upper

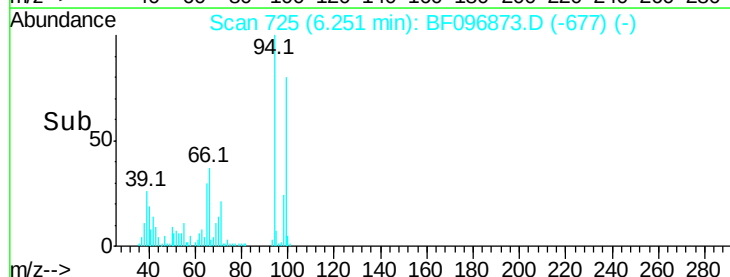
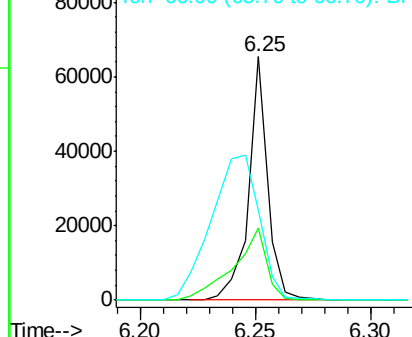
94 100

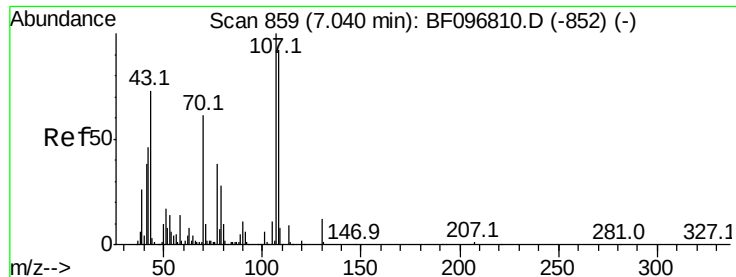
65 29.8 9.9 49.9

66 37.1 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

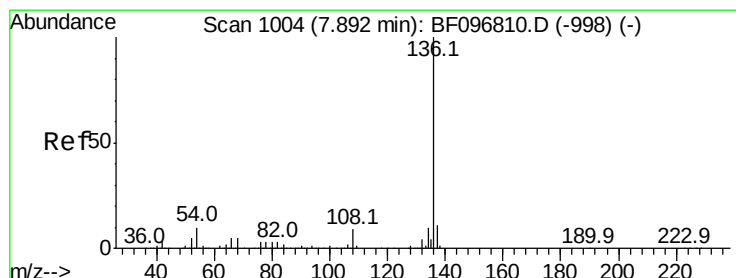
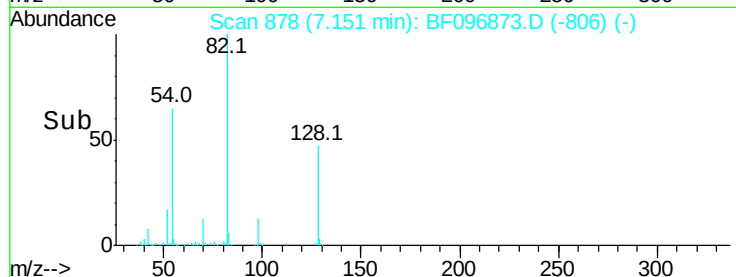
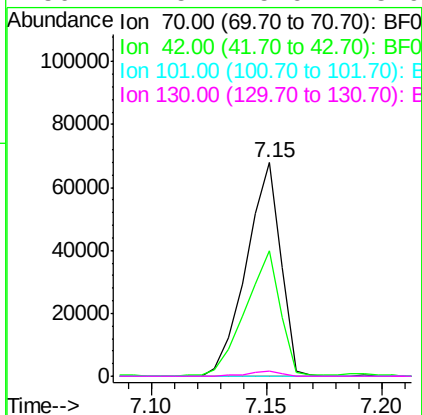
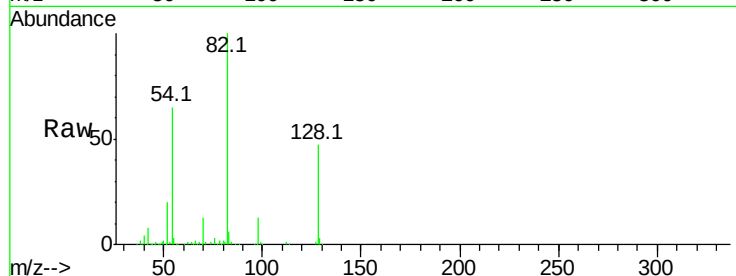




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.076 ng
 RT: 7.15 min Scan# 878
 Delta R.T. 0.12 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

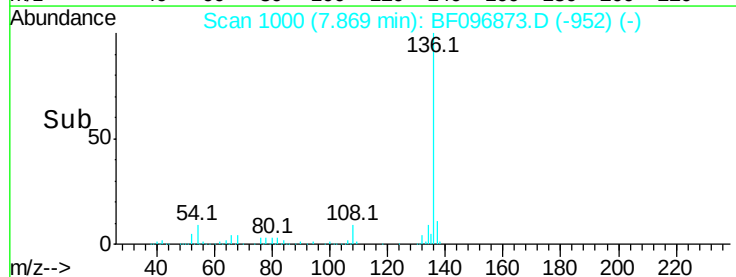
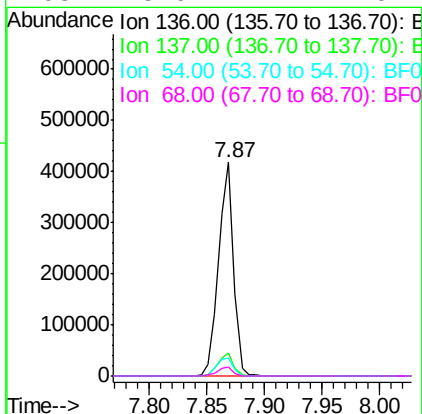
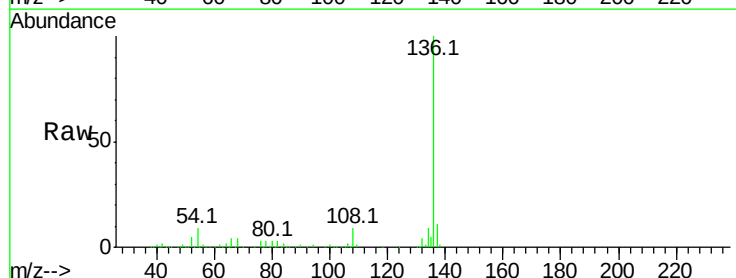
Instrument :
 BNA_F
 ClientSampled :

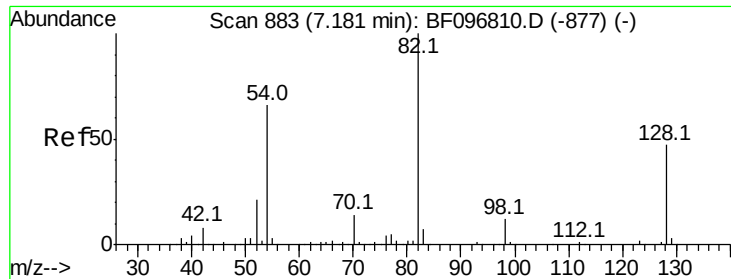
Tot Ion	70	Resp	70755
Ion Ratio	Lower	Upper	
70	100		
42	58.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.87 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Tgt Ion	136	Resp	377451
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	8.7	4.9	7.3#
68	3.9	4.1	6.1#

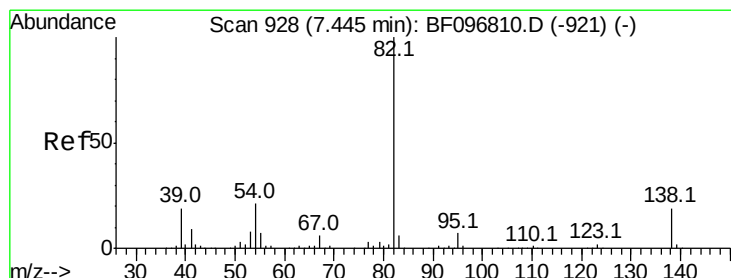
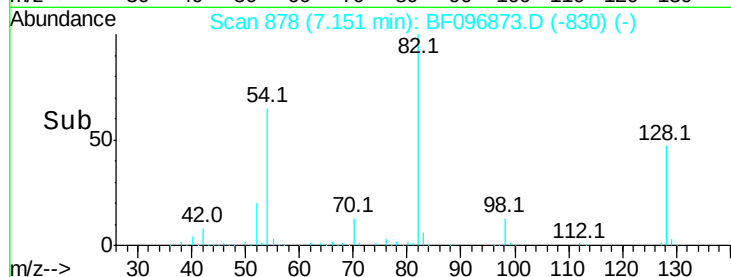
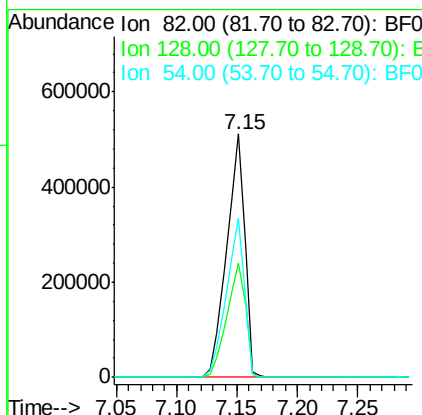
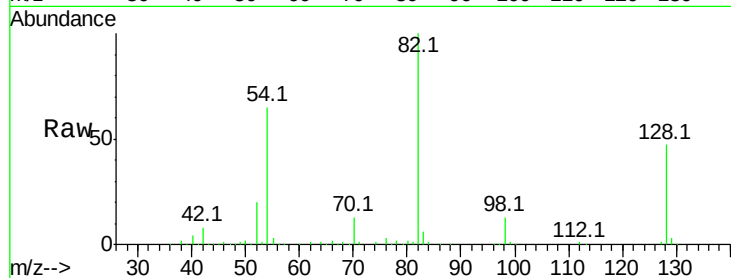




#23
 Nitrobenzene-d5
 Concen: 87.528 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

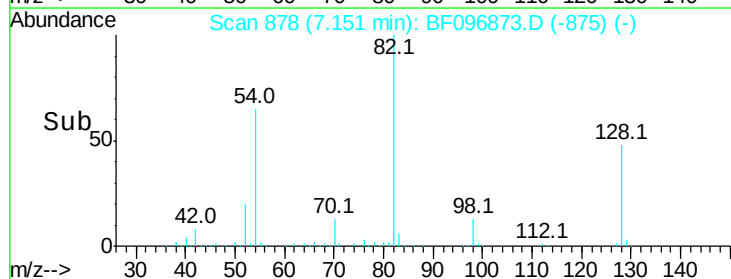
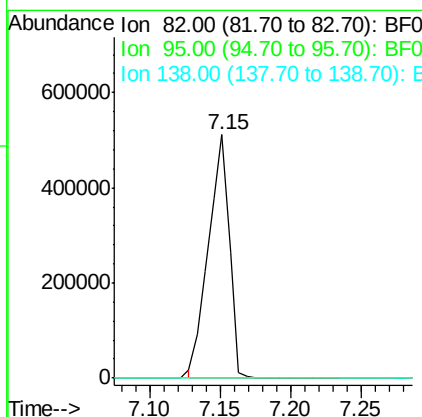
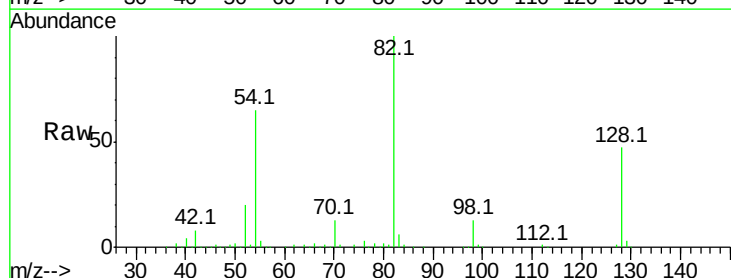
Instrument :
 BNA_F
 ClientSampleId :

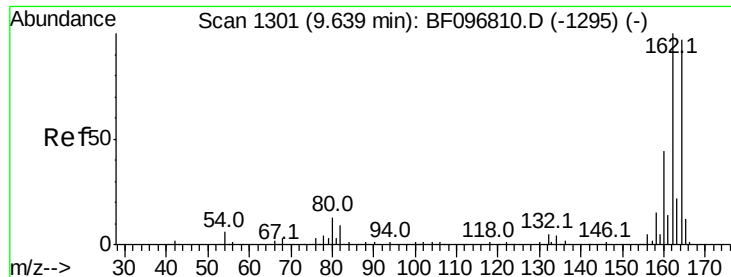
Tot Ion: 82 Resp: 533373
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 65.5 42.2 63.2#



#25
 Isophorone
 Concen: 46.519 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.28 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Tgt Ion: 82 Resp: 527341
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

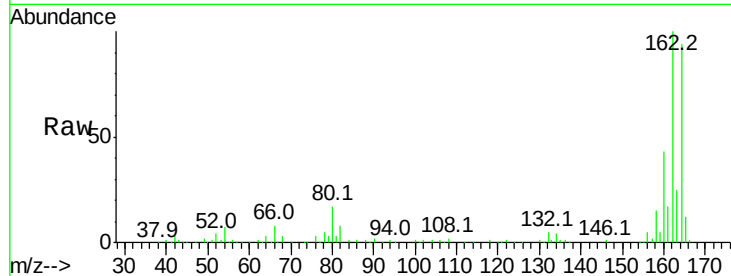




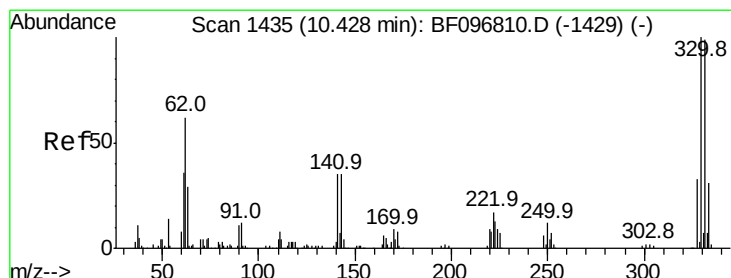
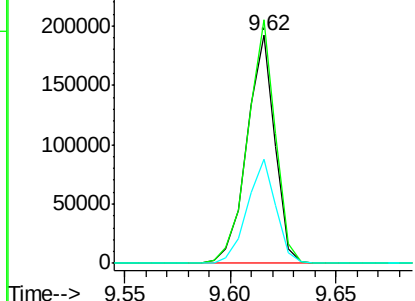
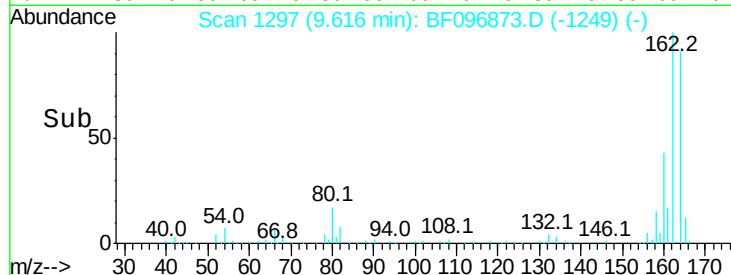
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 175326
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.6 123.8
 160 45.9 36.2 54.2

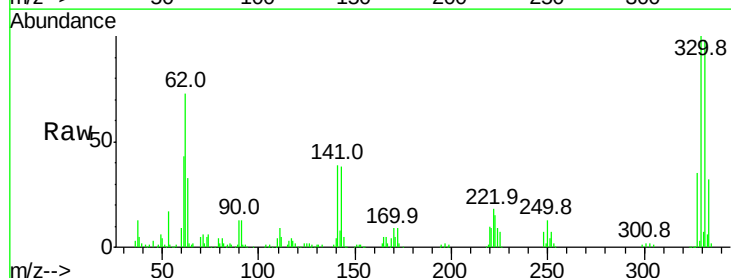


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

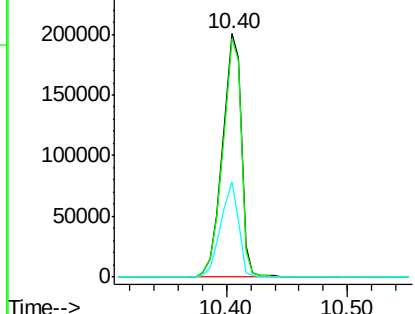
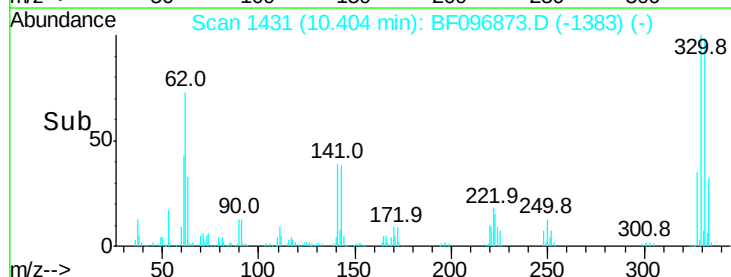


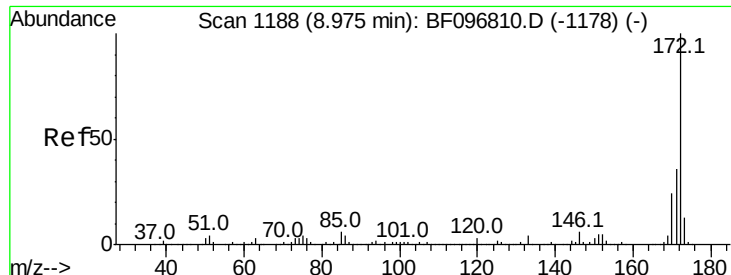
#41
 2,4,6-Tribromophenol
 Concen: 144.449 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Tgt Ion:330 Resp: 216176
 Ion Ratio Lower Upper
 330 100
 332 96.5 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

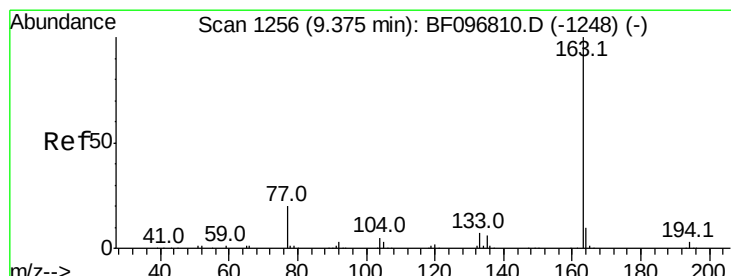
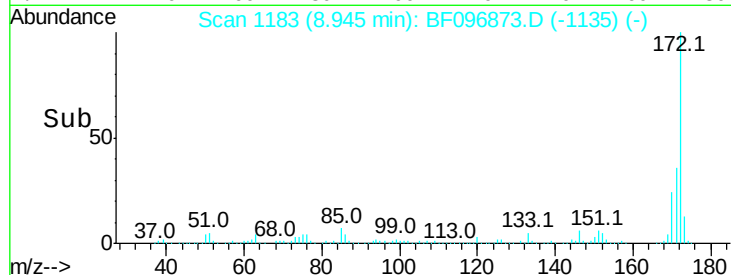
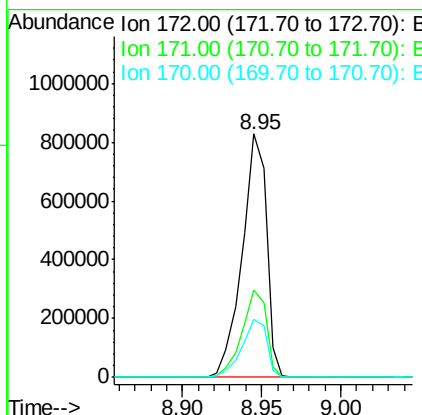
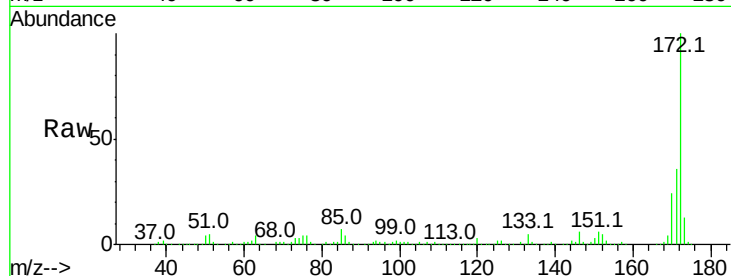




#44
 2-Fluorobiphenyl
 Concen: 79.472 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

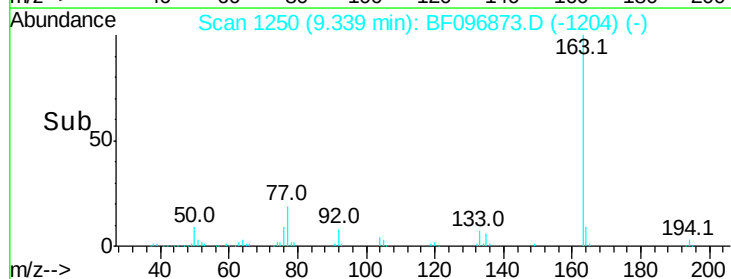
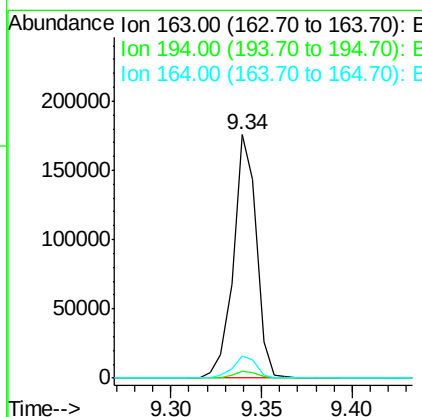
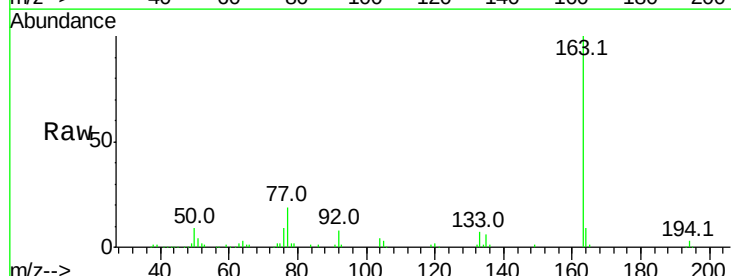
Instrument :
 BNA_F
 ClientSampled :

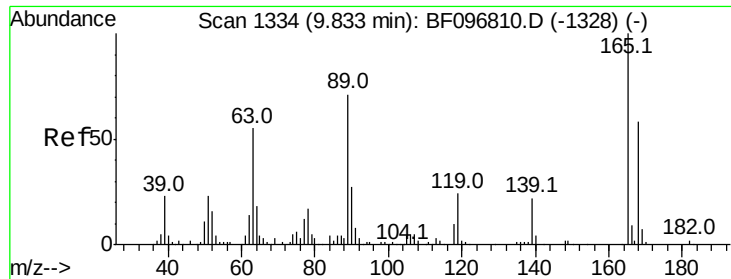
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.1	19.8	29.8



#49
 Dimethylphthalate
 Concen: 11.724 ng
 RT: 9.34 min Scan# 1250
 Delta R.T. -0.03 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.3	8.4	12.6

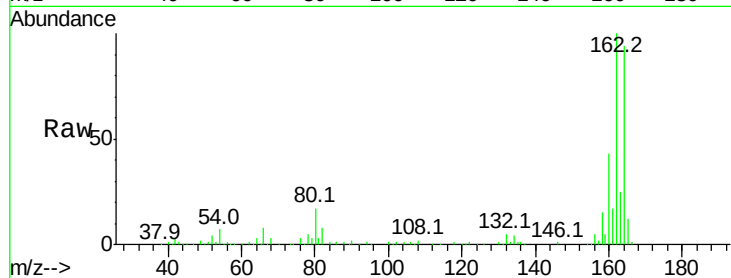




#56
 2,4-Dinitrotoluene
 Concen: 6.193 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

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

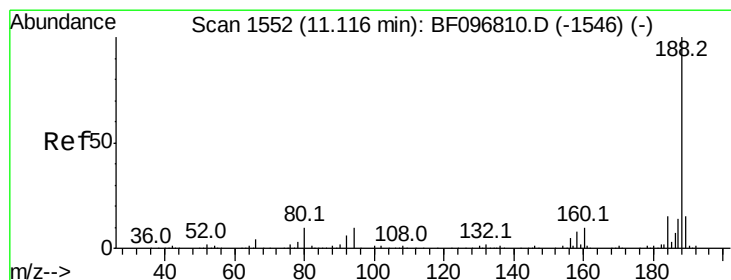
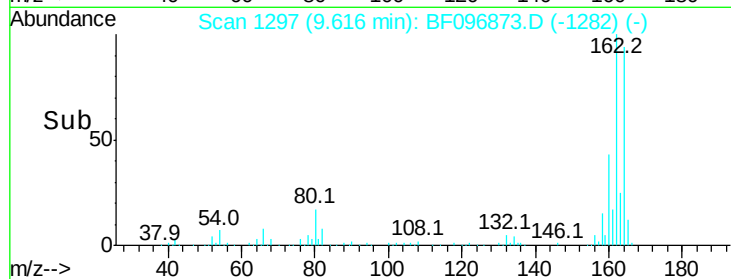
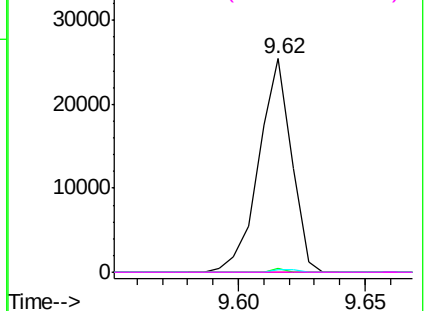


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

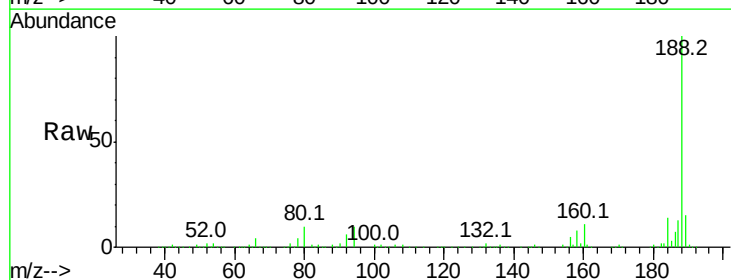
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.09 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

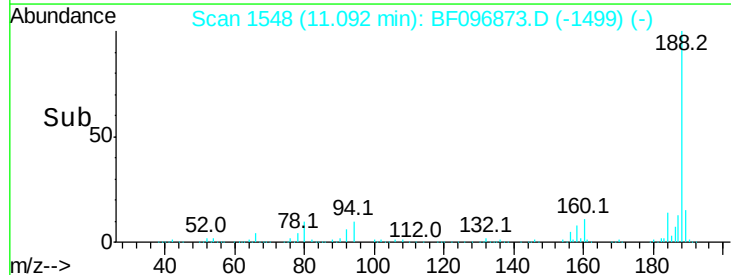
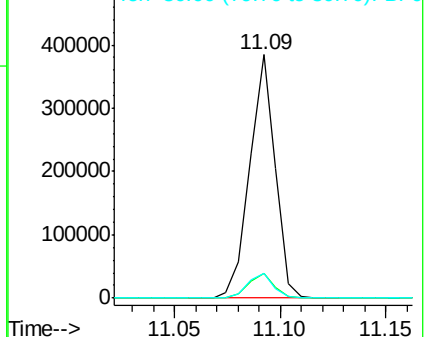
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.2	10.2	15.2#

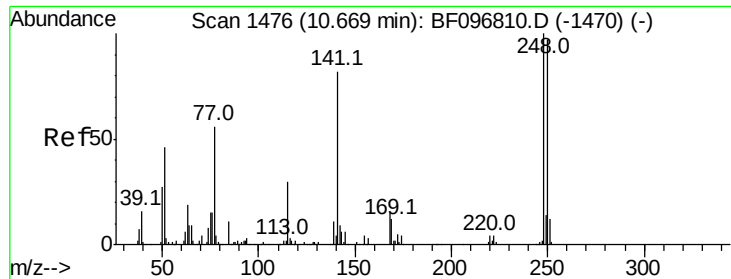


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

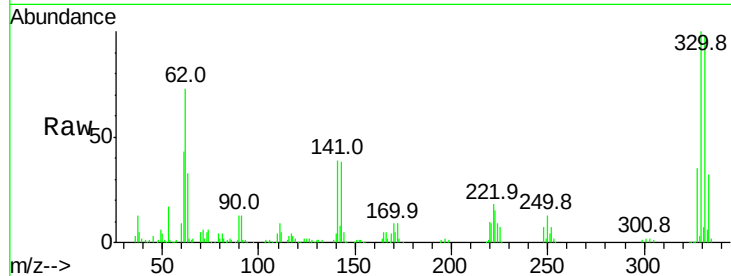




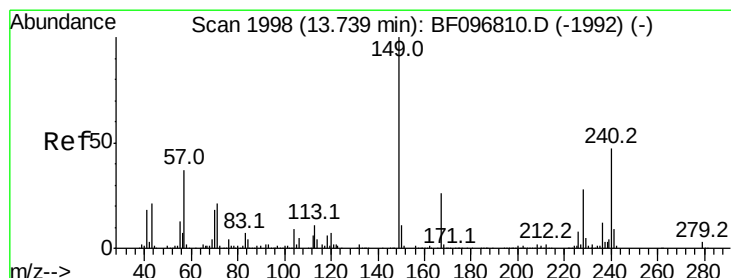
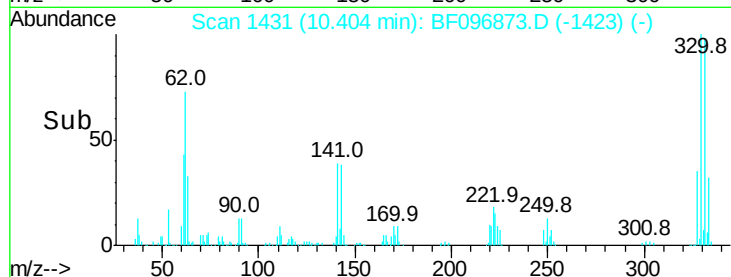
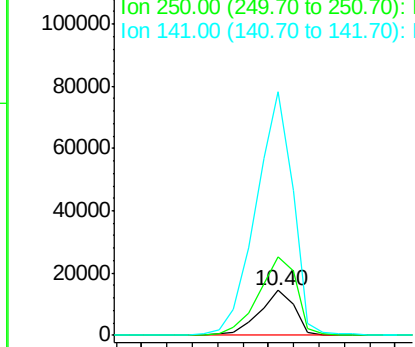
#66
4-Bromophenyl-phenylether
Concen: 4.287 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14118
Ion Ratio Lower Upper
248 100
250 175.5 76.8 115.2#
141 544.1 68.6 103.0#

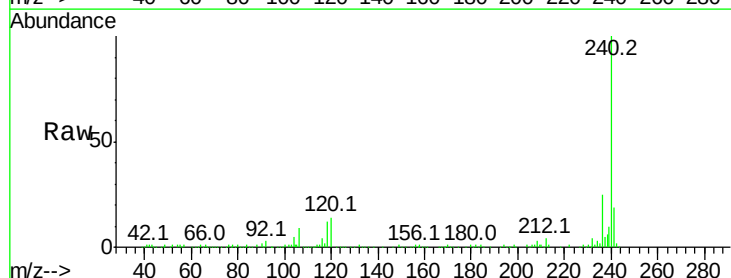


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

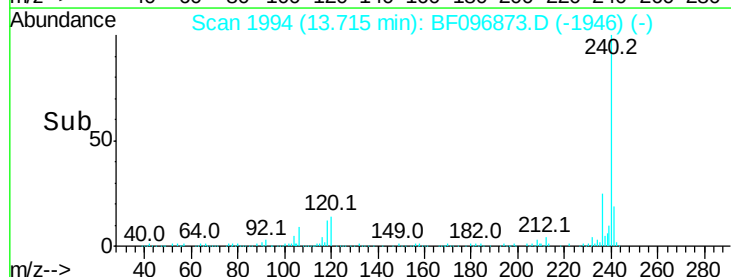
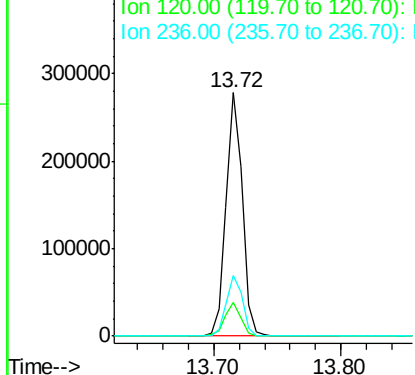


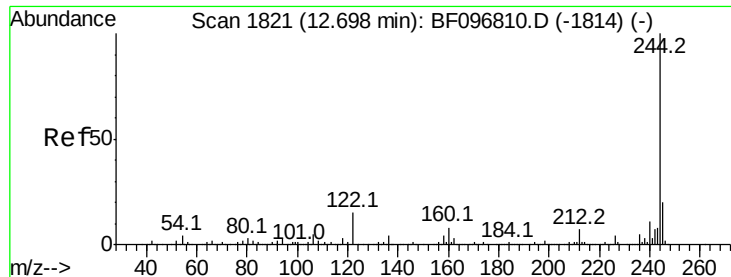
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096873.D
Acq: 19 Jul 2017 16:43

Tgt Ion:240 Resp: 247528
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.8 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: 52.077 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

Instrument :

BNA_F

ClientSampleId :

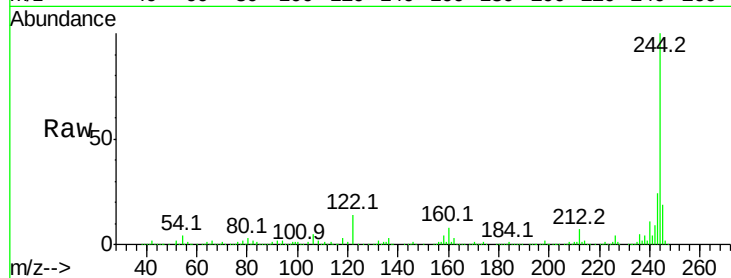
Tot Ion:244 Resp: 743280

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

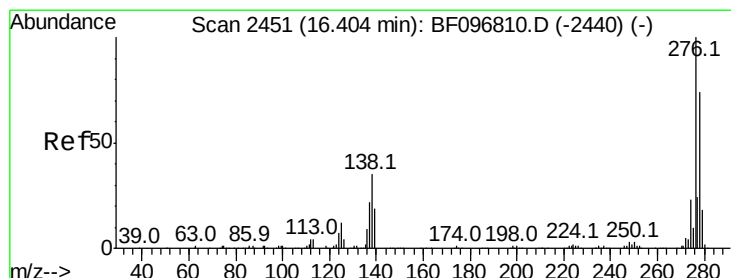
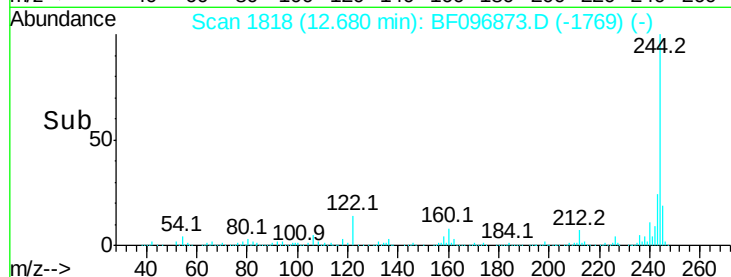
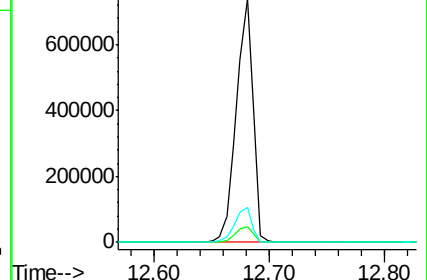
122 14.4 10.3 15.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.429 ng

RT: 16.36 min Scan# 2444

Delta R.T. -0.03 min

Lab File: BF096873.D

Acq: 19 Jul 2017 16:43

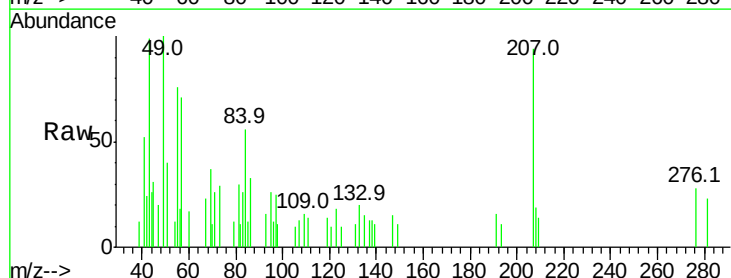
Tgt Ion:276 Resp: 1476

Ion Ratio Lower Upper

276 100

138 9.2 27.8 41.6#

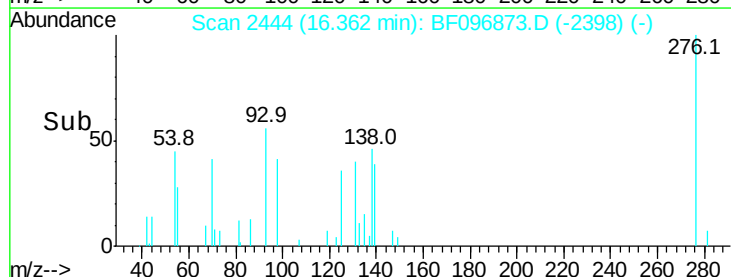
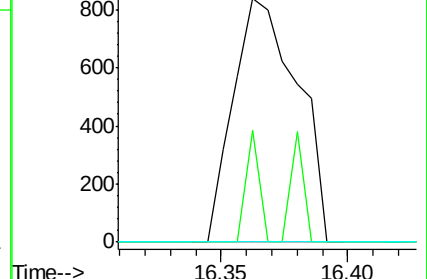
277 0.0 20.2 30.4#

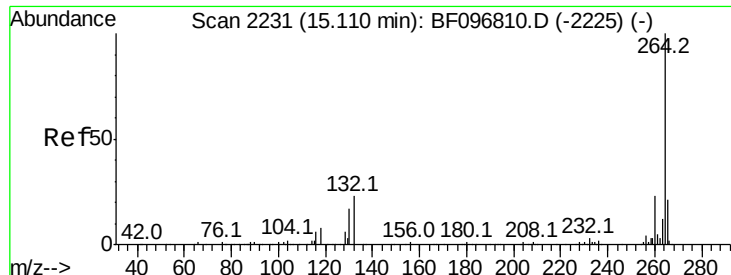


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

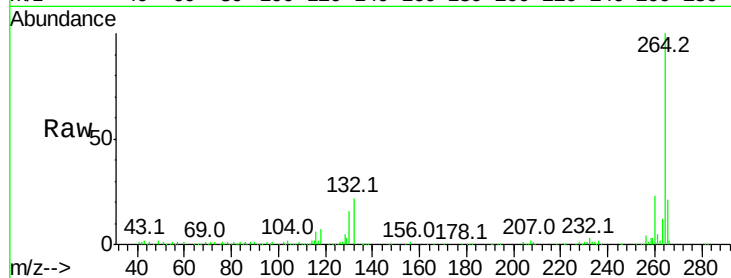




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BF096873.D
 Acq: 19 Jul 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.9	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

