

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096879.D
 Acq On : 19 Jul 2017 19:32
 Operator : SJ/JU
 Sample : I4281-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 00:53:10 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

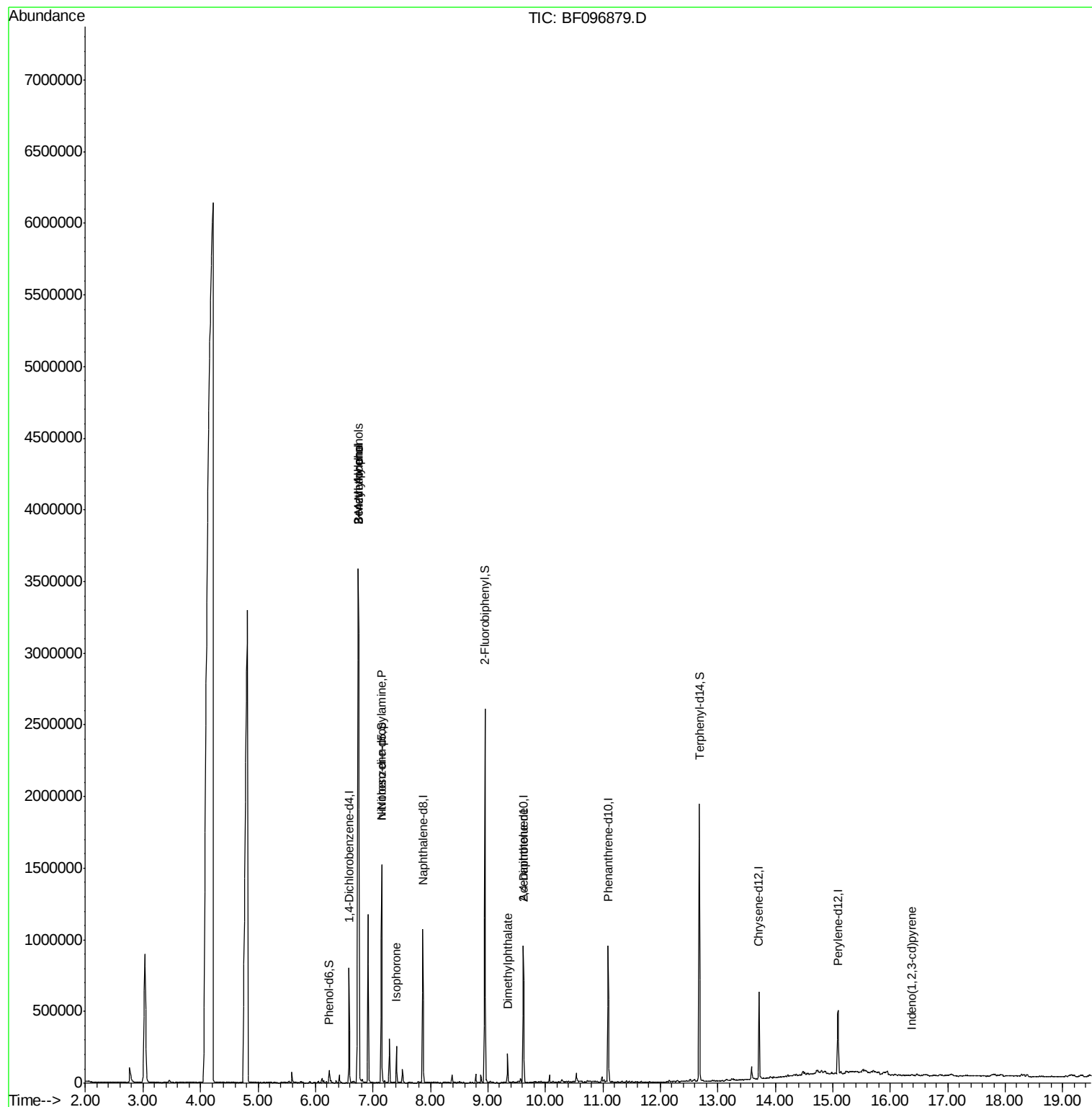
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	110093	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	454555	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	185684	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	316994	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	208980	20.00	ng	-0.01
86) Perylene-d12	15.09	264	186255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2580	0.35	ng	0.01
7) Phenol-d6	6.24	99	35266	4.01	ng	-0.01
23) Nitrobenzene-d5	7.15	82	496954	67.72	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.95	172	862362	73.38	ng	-0.01
78) Terphenyl-d14	12.68	244	614394	50.99	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.75	79	739156	128.49	ng	Qvalue 99
17) 2-Methylphenol	6.75	107	404164	65.80	ng	# 16
19) n-Nitroso-di-n-propylamine	7.15	70	65639	12.40	ng	# 87
20) 3+4-Methylphenols	6.75	107	365935	49.09	ng	# 40
25) Isophorone	7.41	82	89789	6.58	ng	94
49) Dimethylphthalate	9.35	163	85807	6.14	ng	99
56) 2,4-Dinitrotoluene	9.62	165	23905	6.14	ng	# 33
85) Indeno(1,2,3-cd)pyrene	16.37	276	2434	3.53	ng	# 68

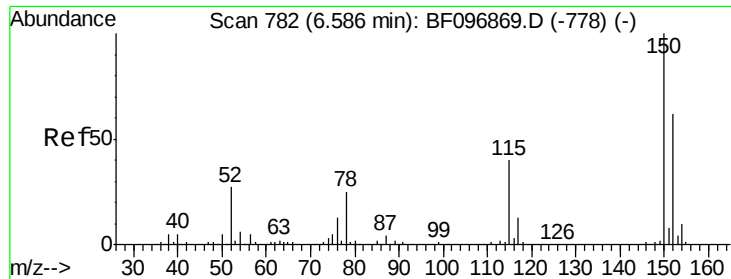
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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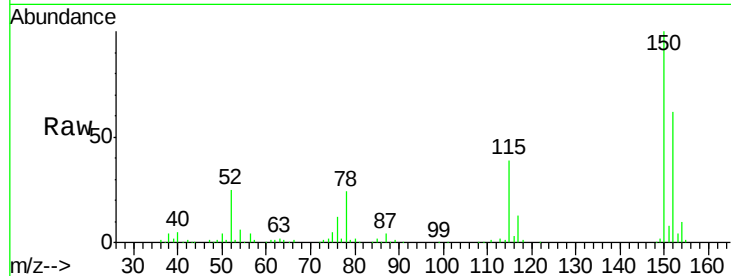


#1

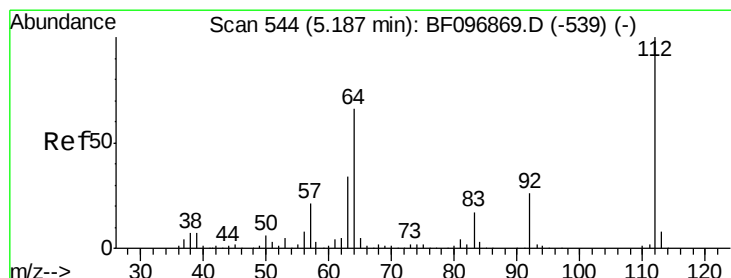
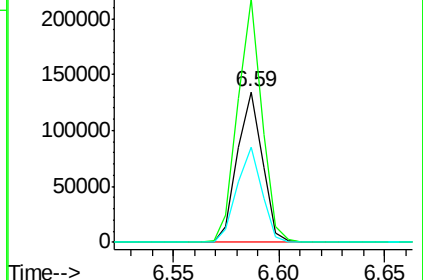
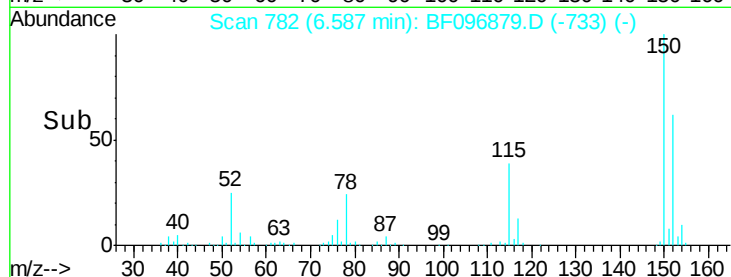
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110093
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 62.7 52.2 78.2



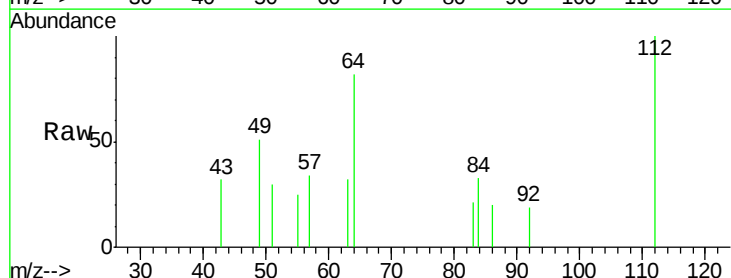
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



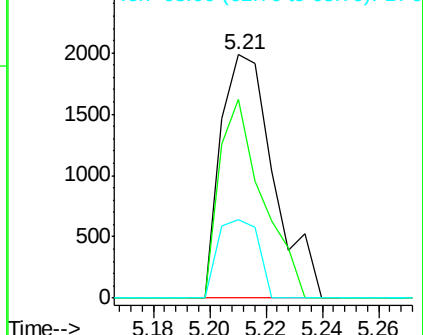
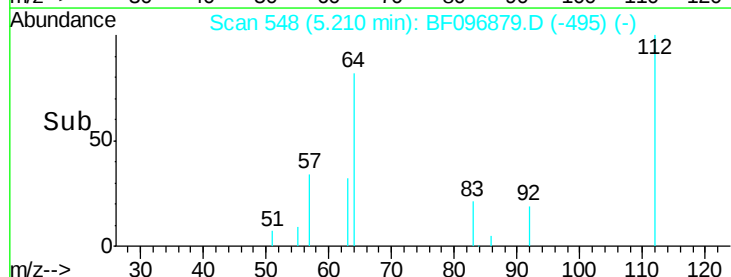
#5

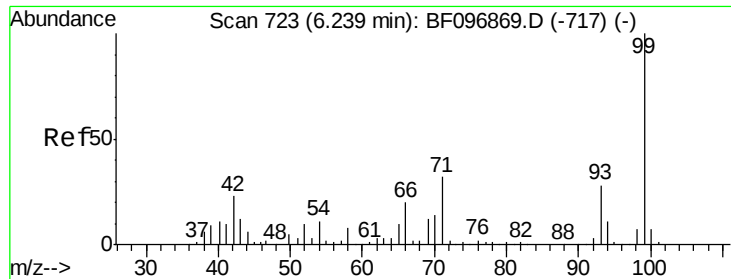
2-Fluorophenol
Concen: 0.35 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Tgt Ion:112 Resp: 2580
Ion Ratio Lower Upper
112 100
64 81.7 46.0 69.0#
63 32.4 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: 4.01 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

Instrument :

BNA_F

ClientSampled :

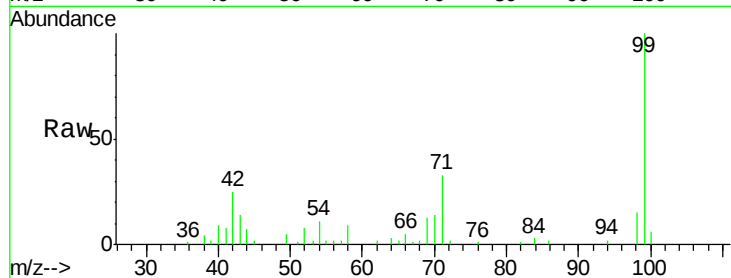
Tot Ion: 99 Resp: 35266

Ion Ratio Lower Upper

99 100

42 25.1 13.5 20.3#

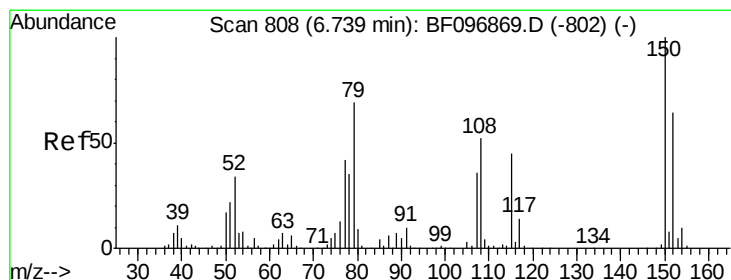
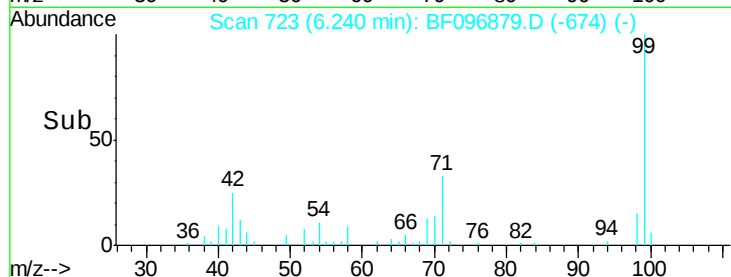
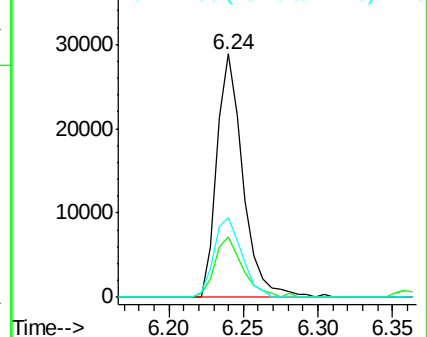
71 32.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 128.49 ng

RT: 6.75 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

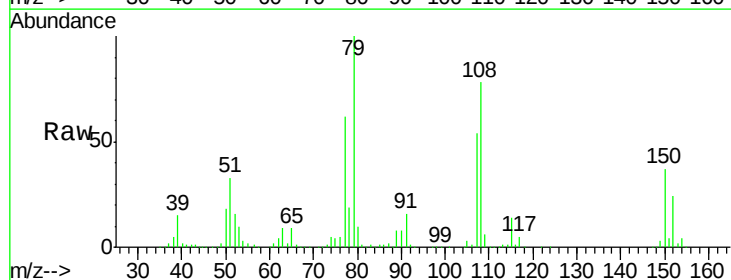
Tgt Ion: 79 Resp: 739156

Ion Ratio Lower Upper

79 100

108 77.8 63.4 95.0

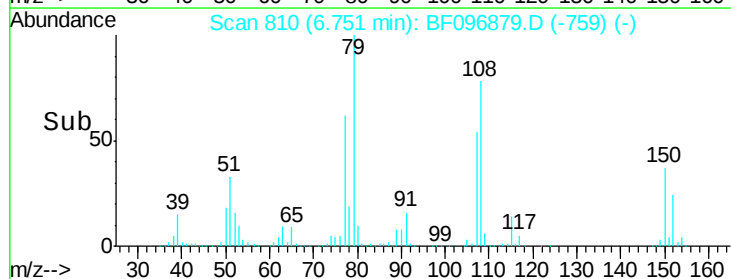
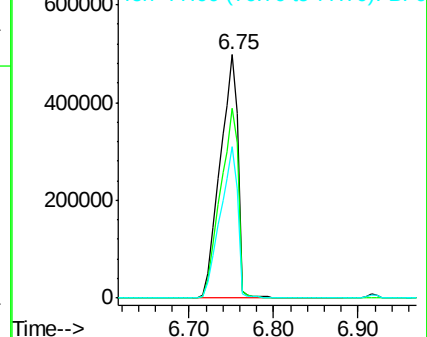
77 62.0 49.2 73.8

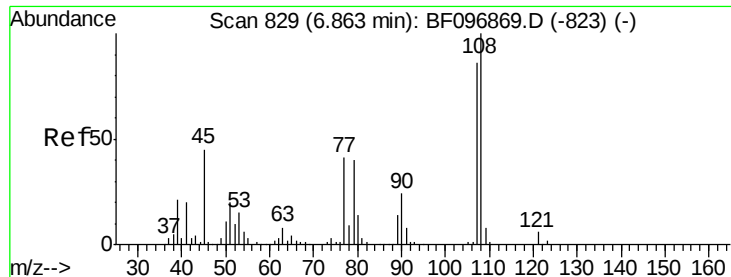


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 65.80 ng

RT: 6.75 min Scan# 810

Delta R.T. -0.12 min

Lab File: BF096879.D

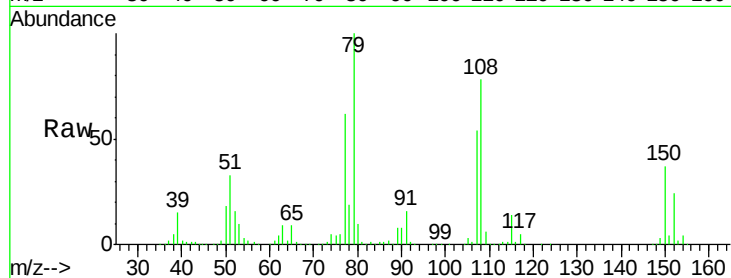
Acq: 19 Jul 2017 19:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	404164
Ion	Ratio	Lower	Upper
107	100		
108	143.4	93.4	140.0#
77	114.3	35.8	53.6#
79	184.3	34.8	52.2#

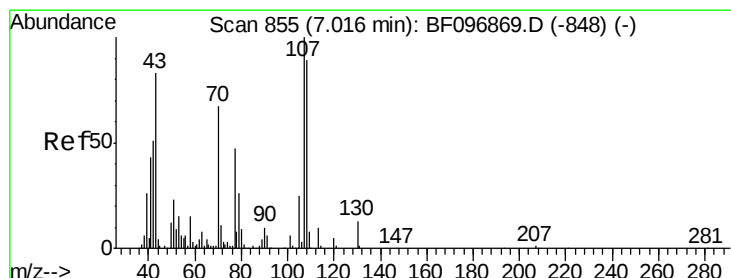
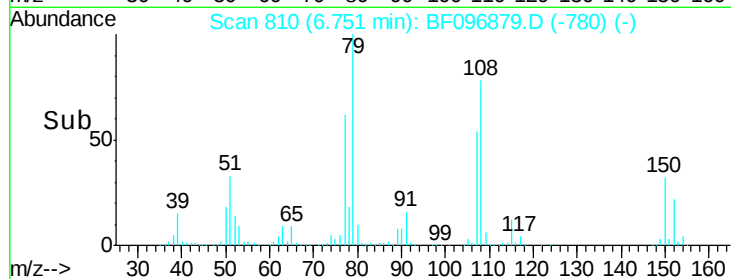
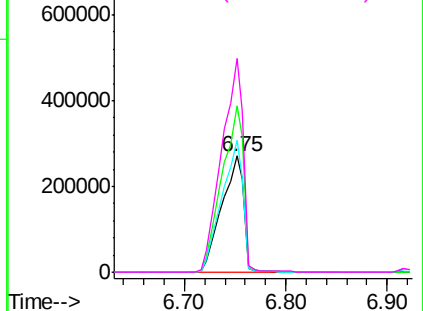


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.40 ng

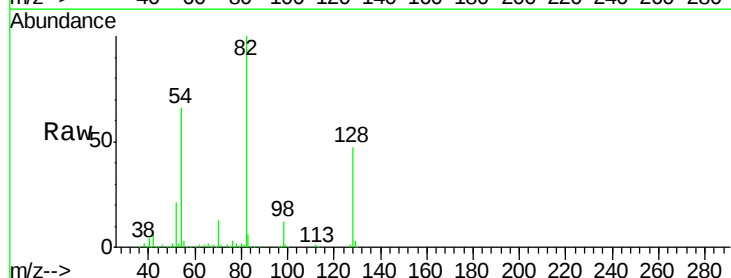
RT: 7.15 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

Tgt Ion:	70	Resp:	65639
Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

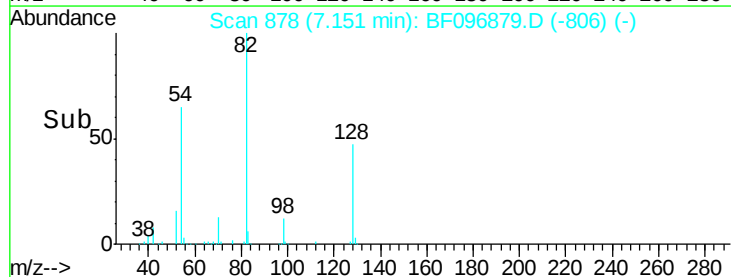
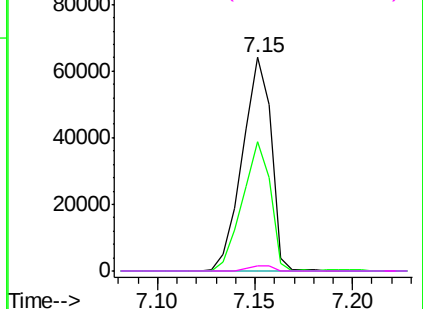


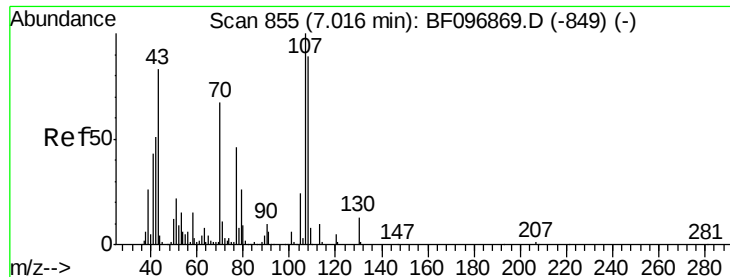
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

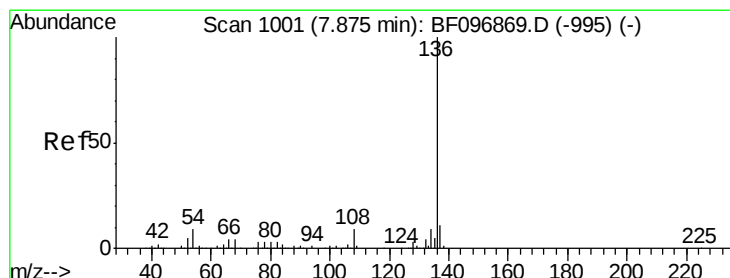
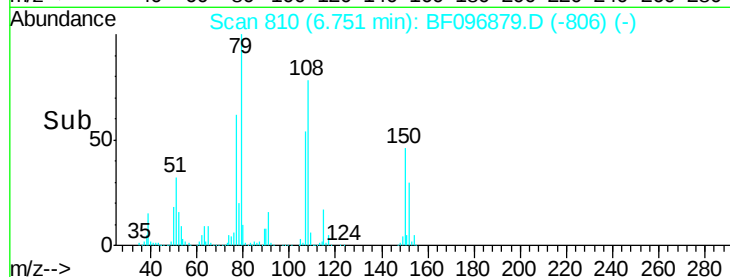
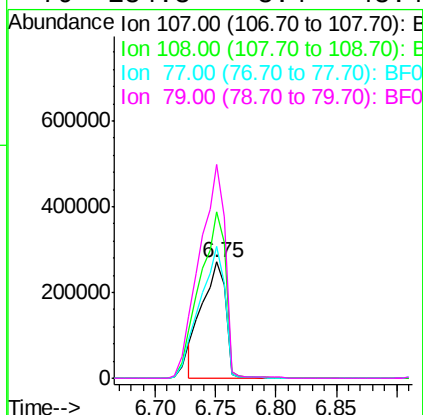
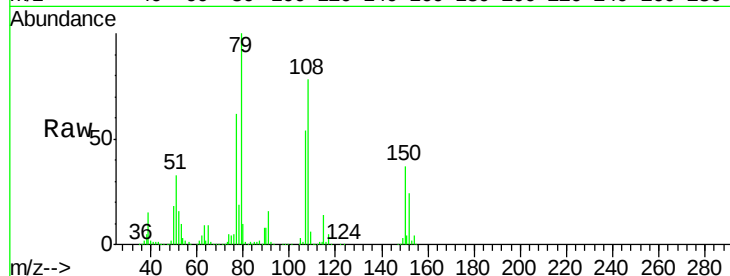




#20
3+4-Methylphenols
Concen: 49.09 ng
RT: 6.75 min Scan# 810
Delta R.T. -0.28 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

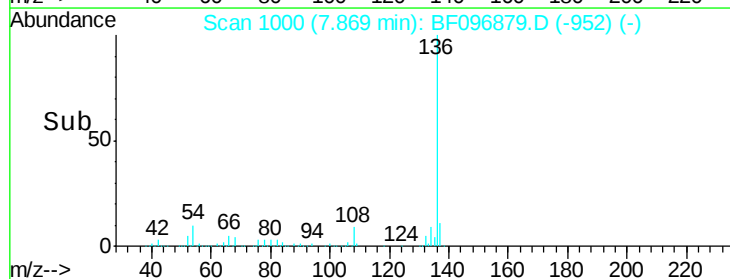
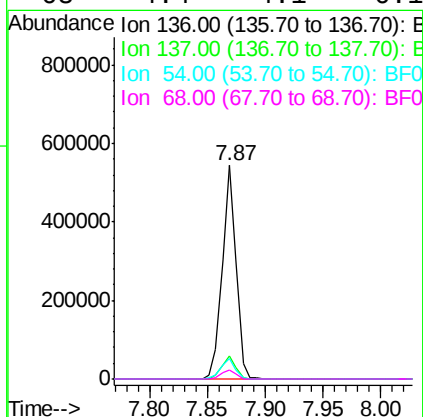
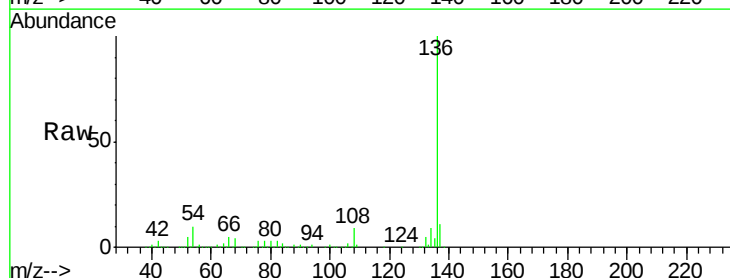
Instrument :
BNA_F
ClientSampleId :

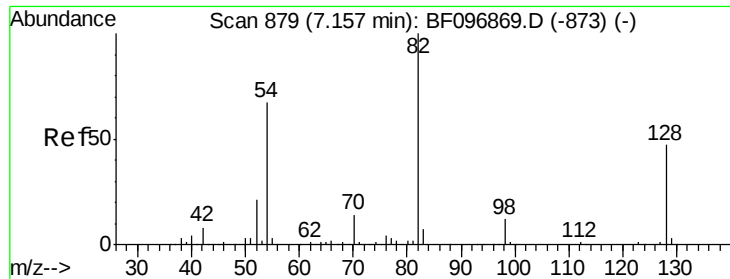
Tot Ion	Ratio	Lower	Upper
107	100		
108	143.4	71.0	111.0#
77	114.3	90.5	130.5
79	184.3	8.4	48.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.9	4.9	7.3#
68	4.4	4.1	6.1

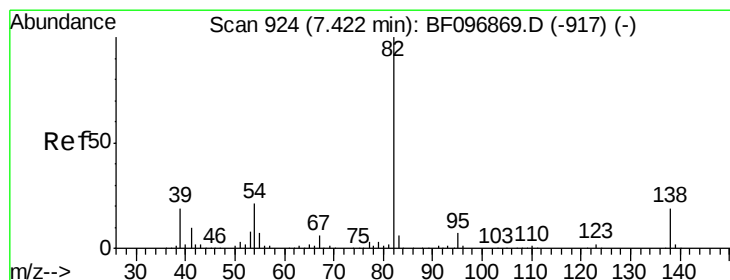
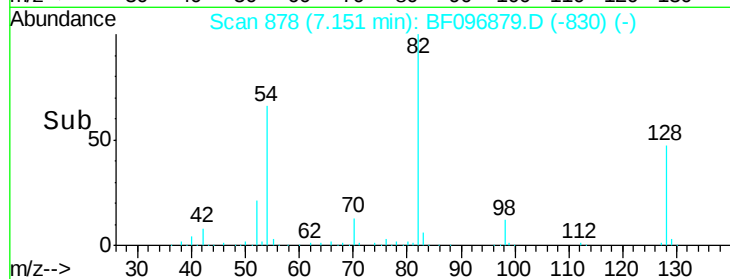
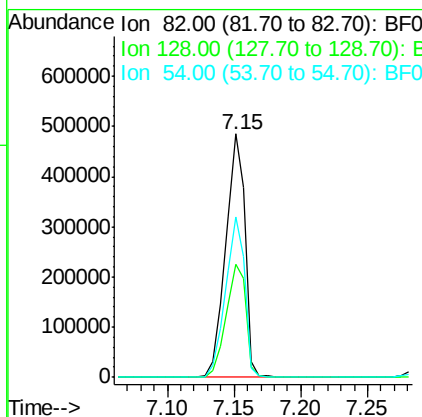
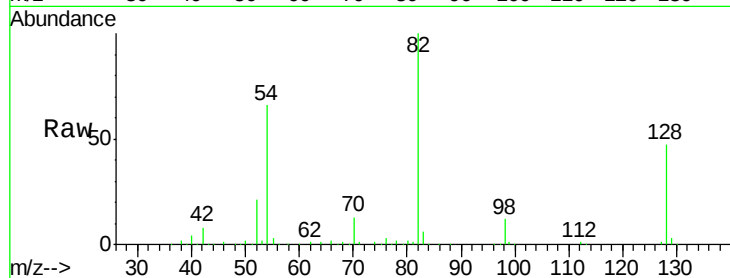




#23
 Nitrobenzene-d5
 Concen: 67.72 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

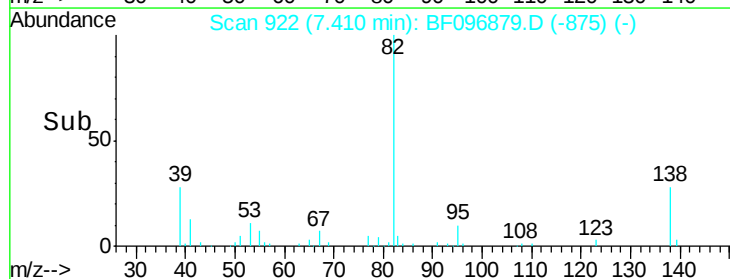
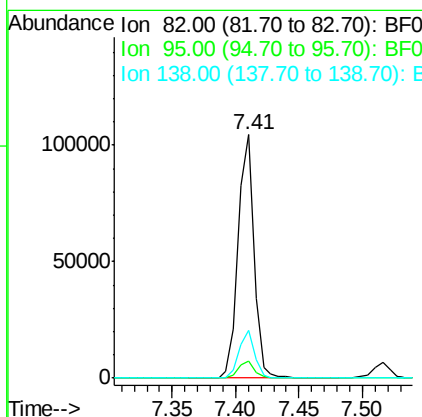
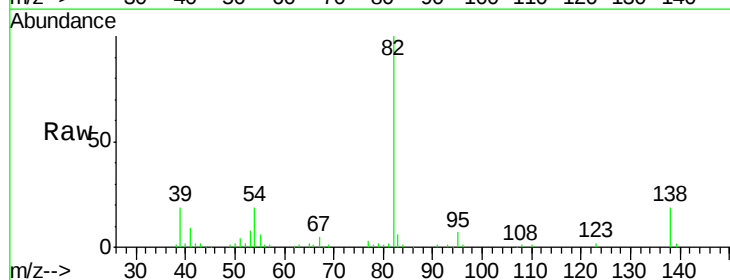
Instrument :
 BNA_F
 ClientSampleId :

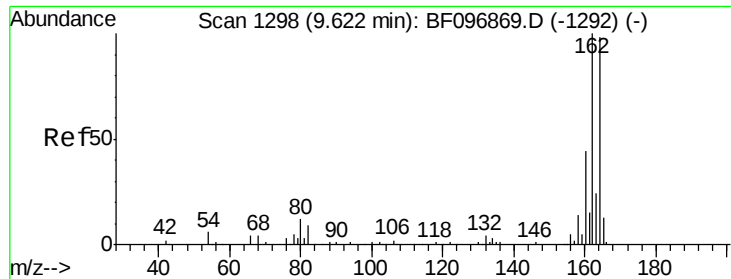
Tot Ion: 82 Resp: 496954
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 66.0 42.2 63.2#



#25
 Isophorone
 Concen: 6.58 ng
 RT: 7.41 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

Tgt Ion: 82 Resp: 89789
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.3 7.9
 138 19.4 13.1 19.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

Instrument :

BNA_F

ClientSampleId :

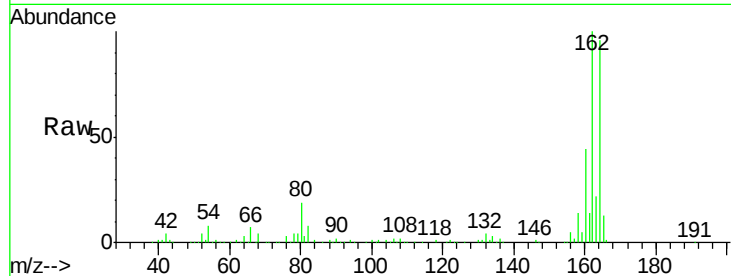
Tot Ion:164 Resp: 185684

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

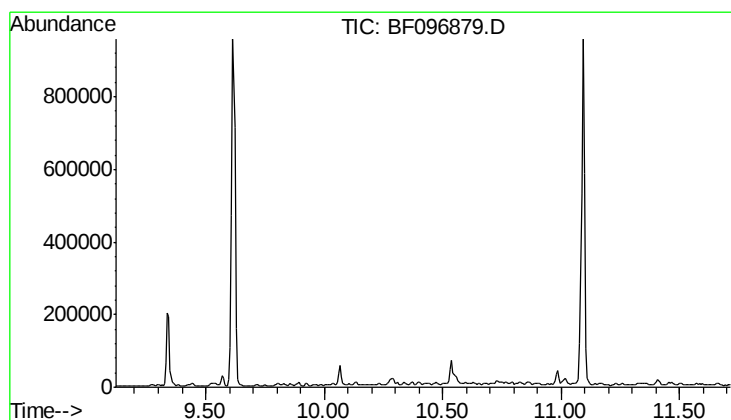
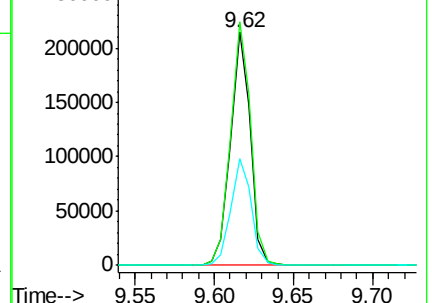
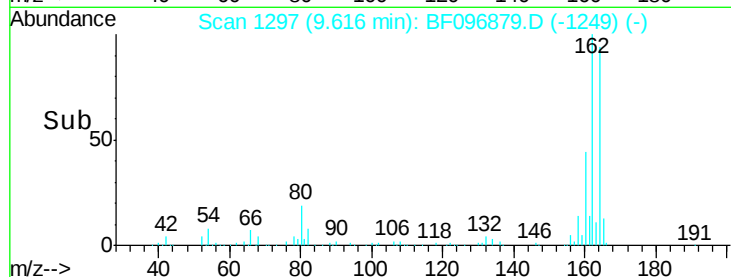
160 46.0 36.2 54.2



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: 0.00 ng

Expected RT: 10.42 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

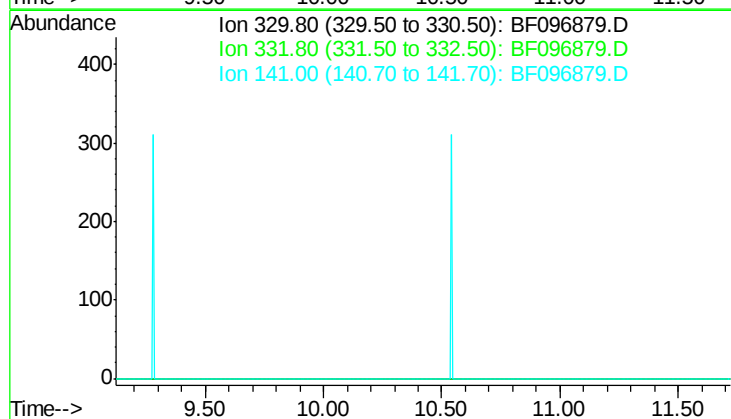
Tgt Ion: 330

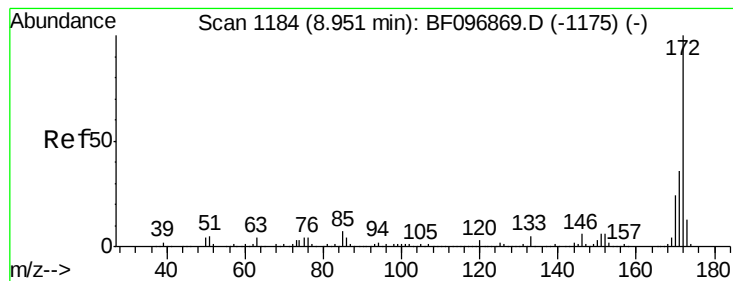
Sig Exp Ratio

330 100

332 95.8

141 39.3

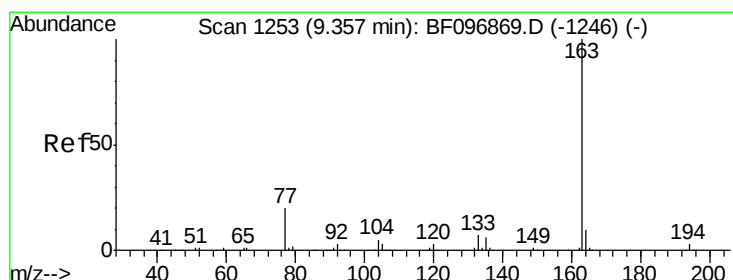
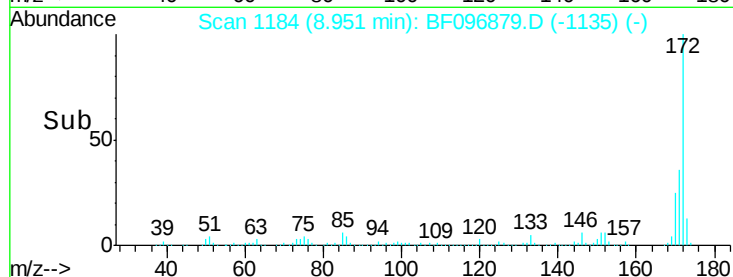
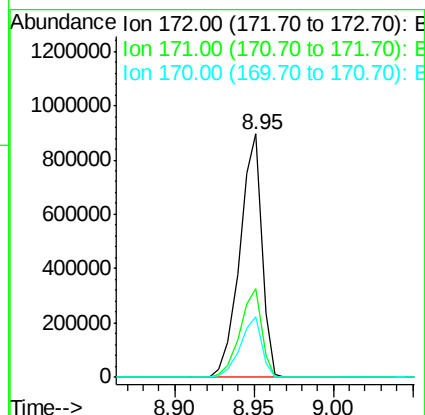
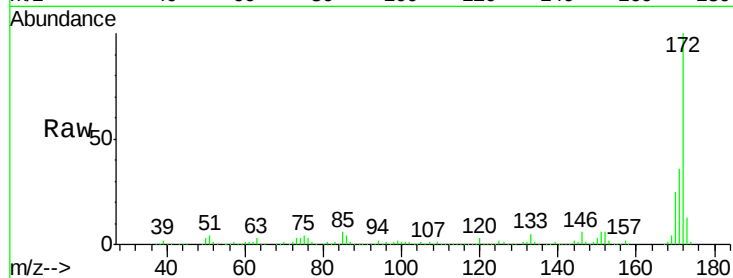




#44
2-Fluorobiphenyl
Concen: 73.38 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

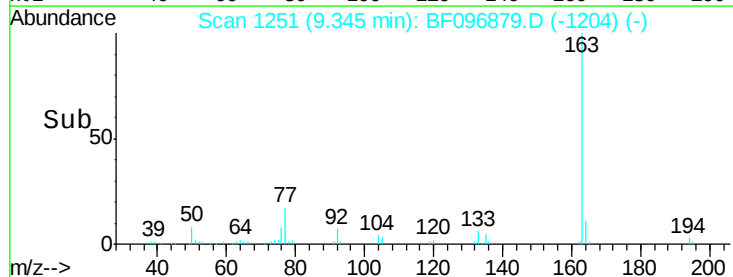
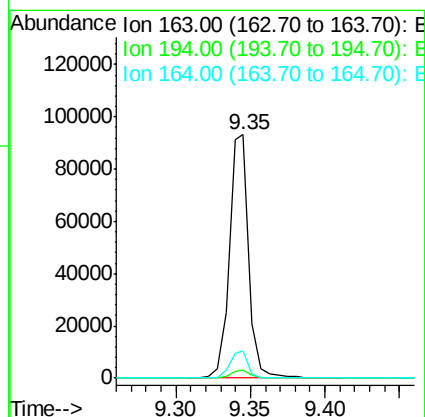
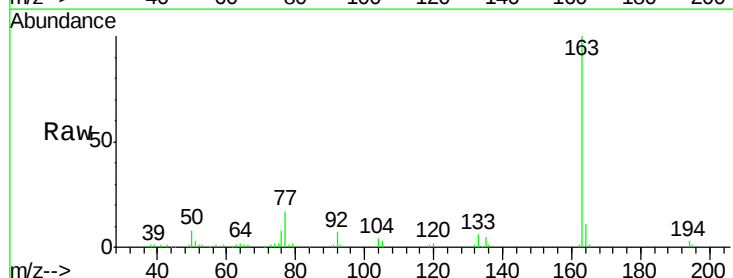
Instrument :
BNA_F
ClientSampleId :

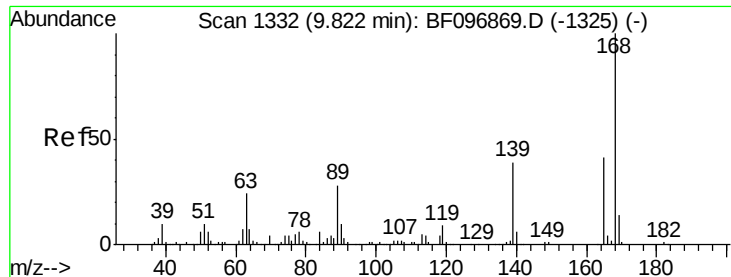
Tot Ion:172 Resp: 862362
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.9 19.8 29.8



#49
Dimethylphthalate
Concen: 6.14 ng
RT: 9.35 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Tgt Ion:163 Resp: 85807
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.0 8.4 12.6

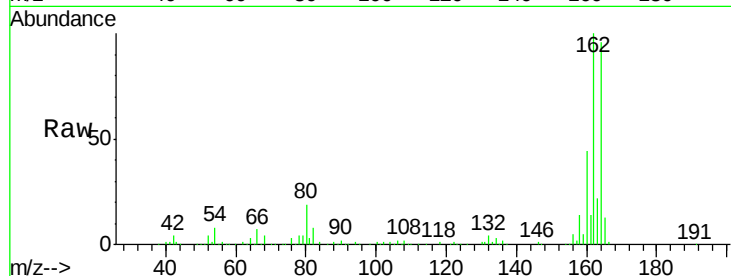




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

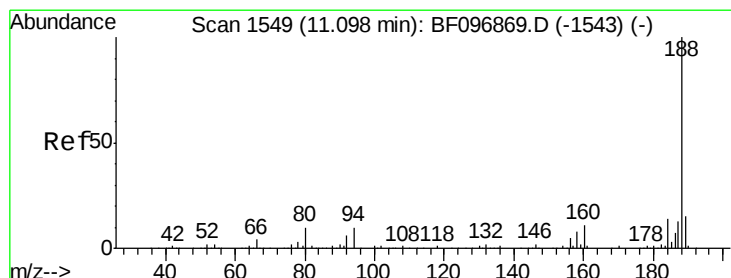
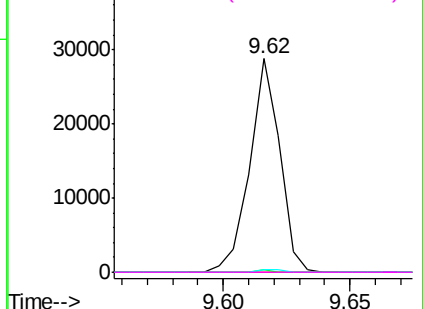
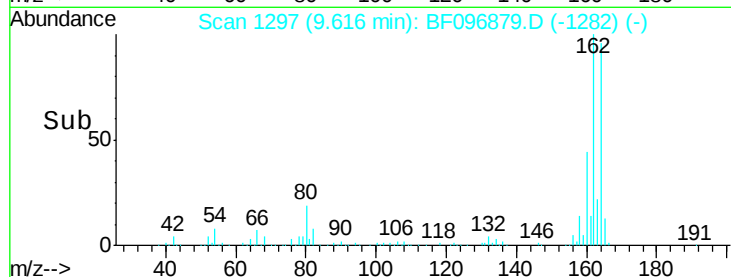


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

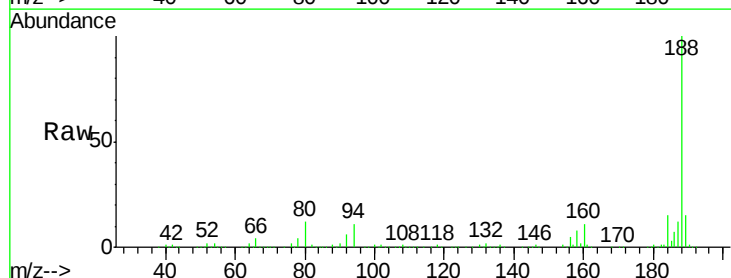
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

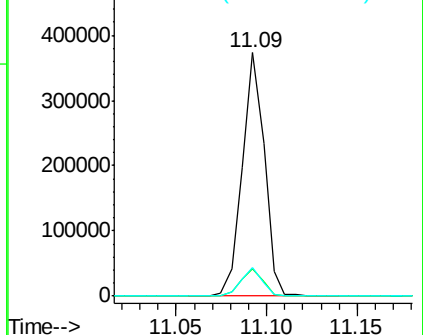
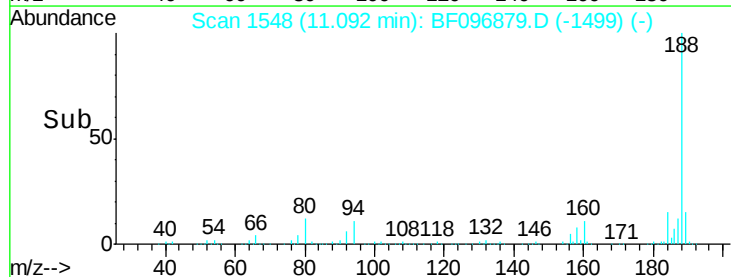
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.9	10.2	15.2

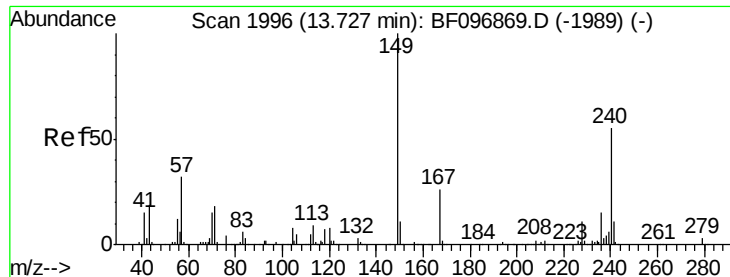


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

Instrument :

BNA_F

ClientSampleId :

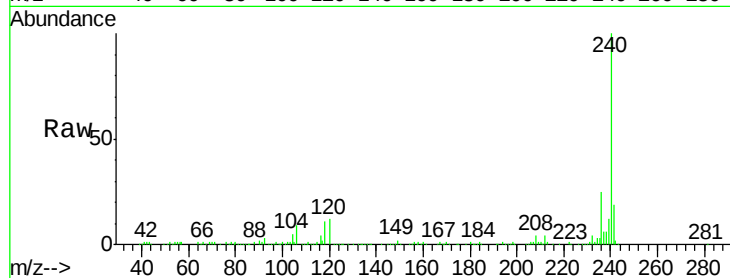
Tot Ion:240 Resp: 208980

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

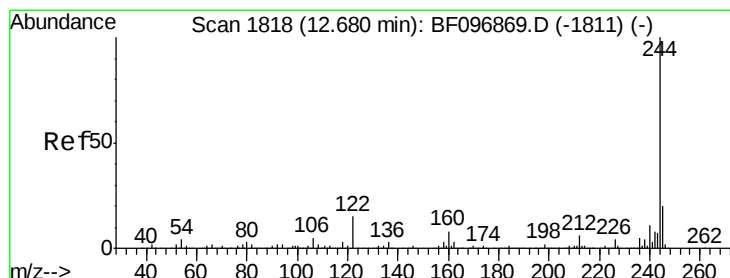
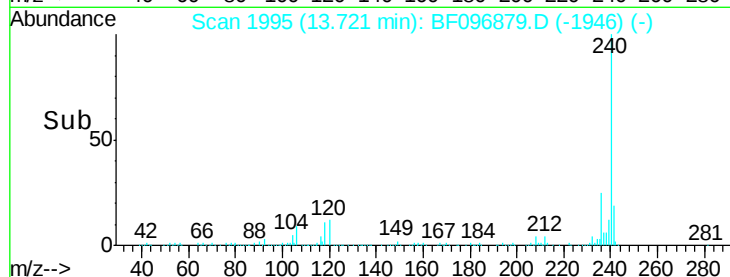
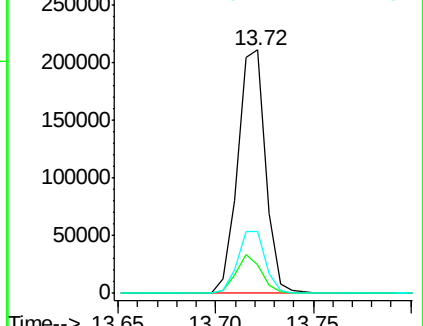
236 25.5 20.5 30.7



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: 50.99 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

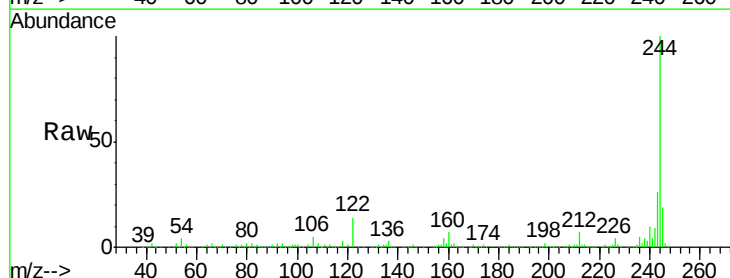
Tgt Ion:244 Resp: 614394

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

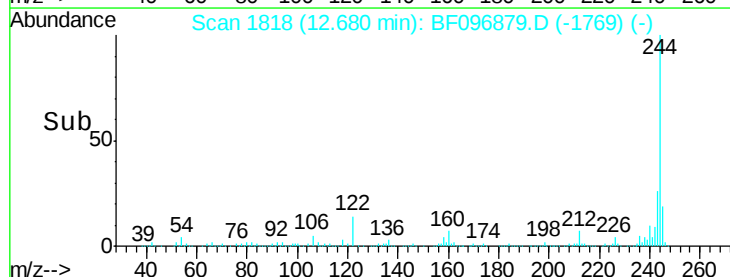
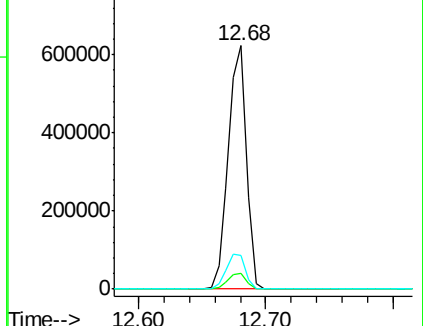
122 13.9 10.3 15.5

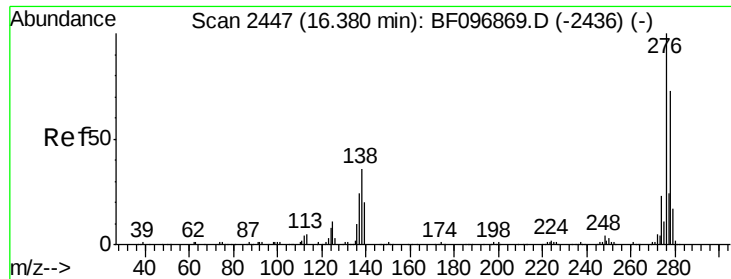


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

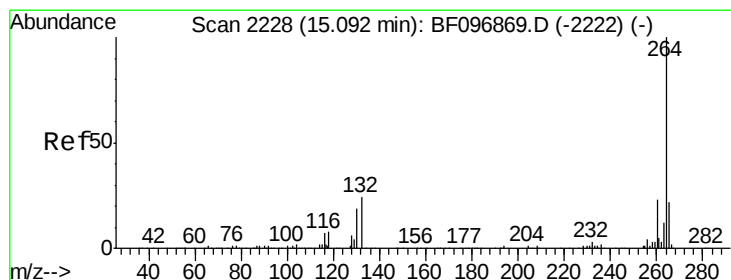
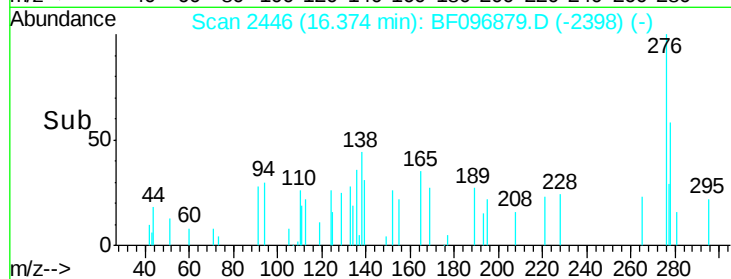
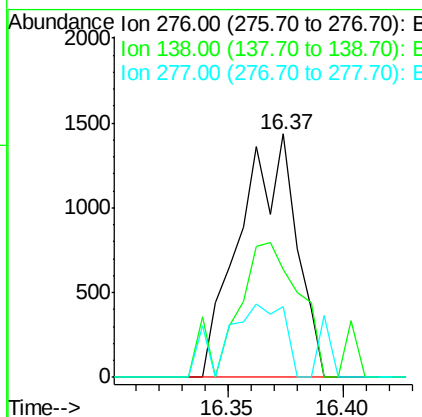
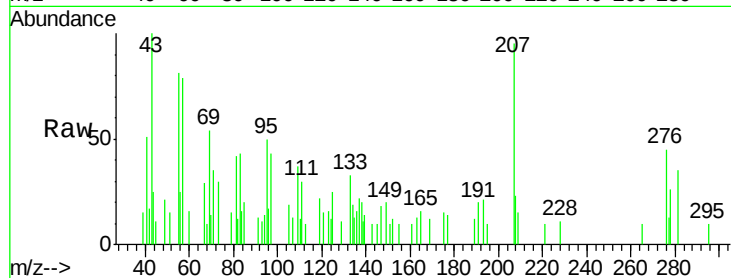




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.53 ng
RT: 16.37 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 2434
Ion Ratio Lower Upper
276 100
138 61.8 27.8 41.6#
277 31.3 20.2 30.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Tgt Ion:264 Resp: 186255
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.4 17.2 25.8

