

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096871.D
 Acq On : 19 Jul 2017 15:47
 Operator : SJ/JU
 Sample : PB100755BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 18:20:26 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

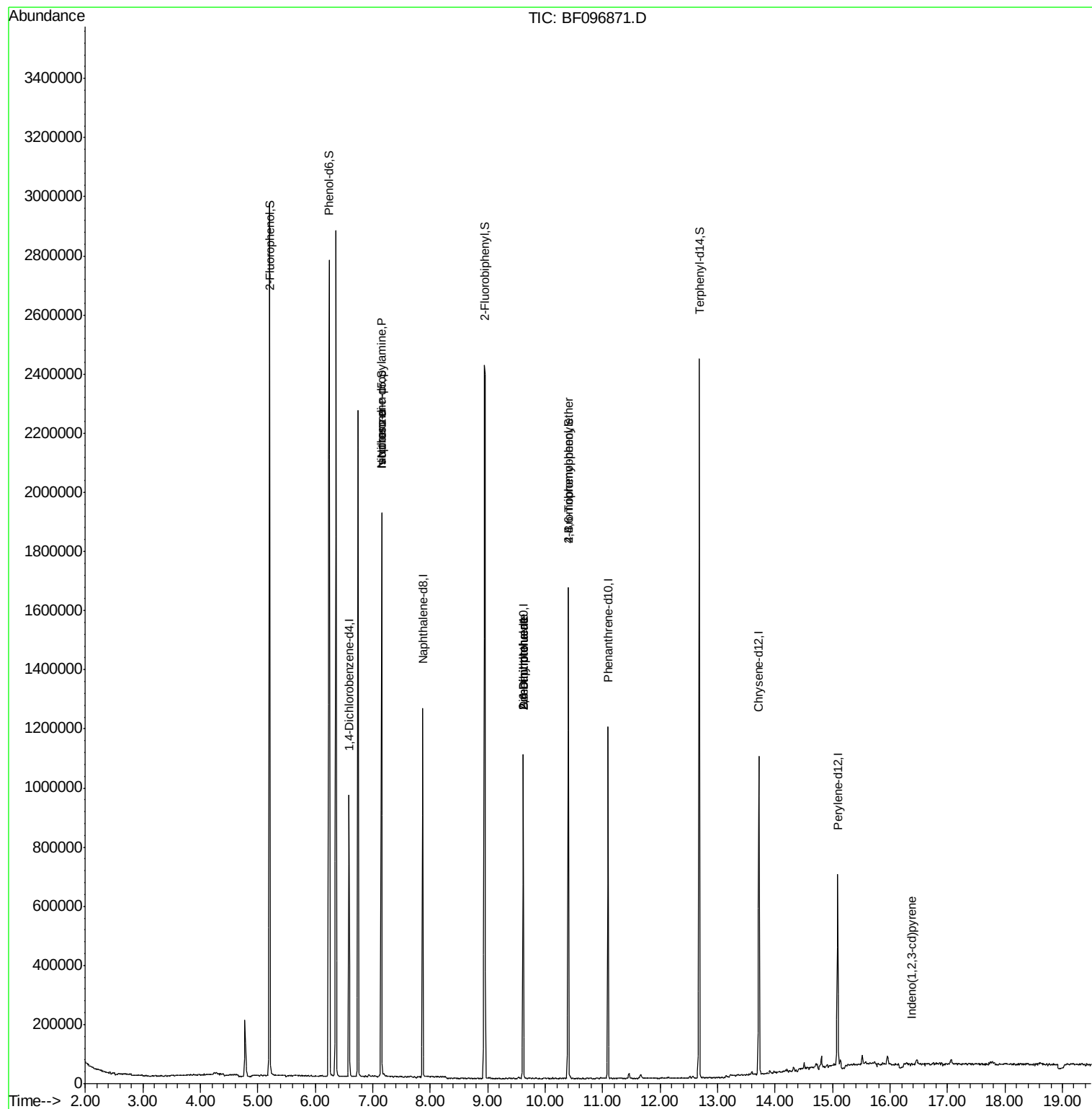
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	134749	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	582825	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	236616	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	425907	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	373245	20.00	ng	-0.02
86) Perylene-d12	15.09	264	258348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	876454	97.80	ng	0.00
7) Phenol-d6	6.24	99	1077531	100.19	ng	-0.01
23) Nitrobenzene-d5	7.15	82	636896	67.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	205736	101.86	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	985775	65.82	ng	-0.01
78) Terphenyl-d14	12.68	244	870077	40.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	86252	13.312	ng	# 86
25) Isophorone	7.15	82	624867	35.698	ng	# 67
49) Dimethylphthalate	9.62	163	69360	3.893	ng	# 1
50) 2,6-Dinitrotoluene	9.62	165	29757	7.711	ng	# 33
56) 2,4-Dinitrotoluene	9.62	165	29757	6.001	ng	# 33
66) 4-Bromophenyl-phenylether	10.40	248	12567	2.890	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.37	276	601	3.355	ng	# 44

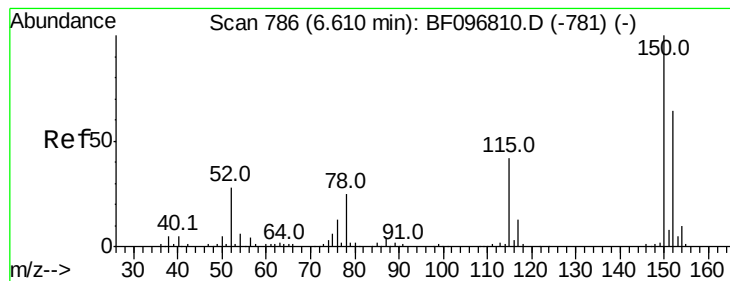
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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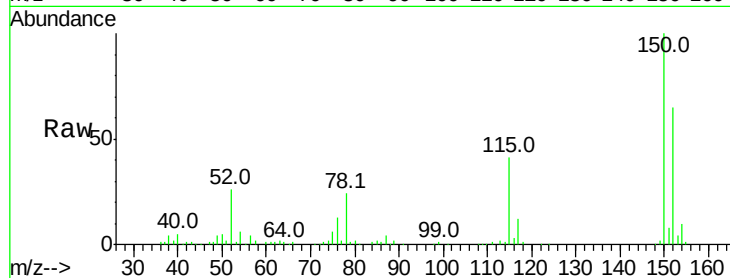


#1

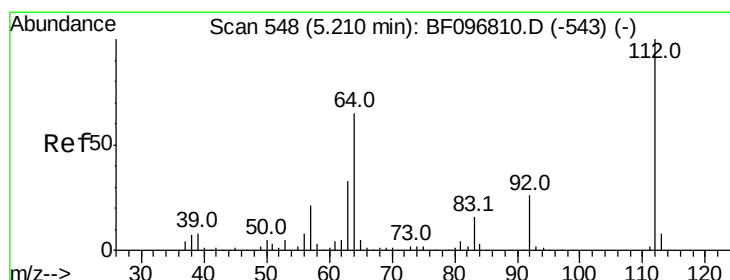
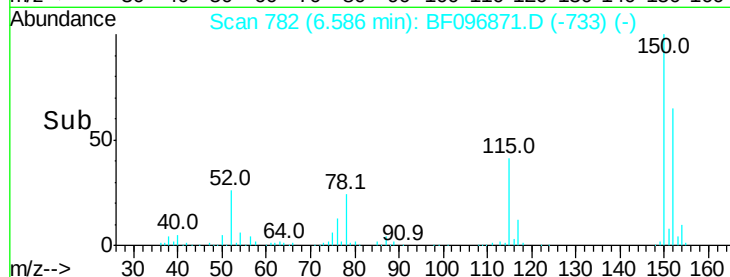
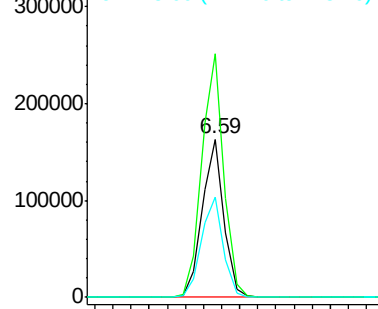
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134749
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 63.1 52.2 78.2



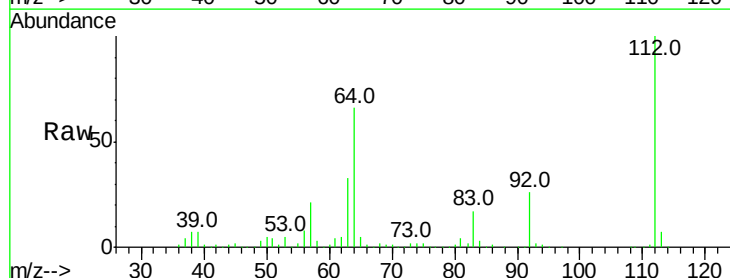
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



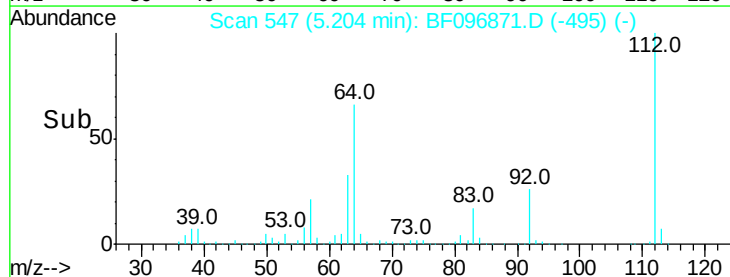
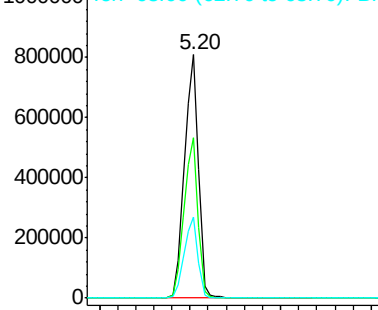
#5

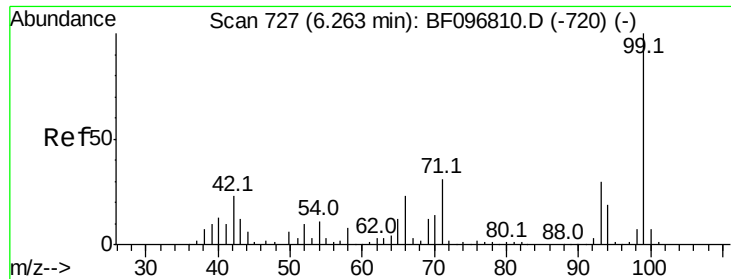
2-Fluorophenol
Concen: 97.798 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:112 Resp: 876454
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 33.1 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: 100.194 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

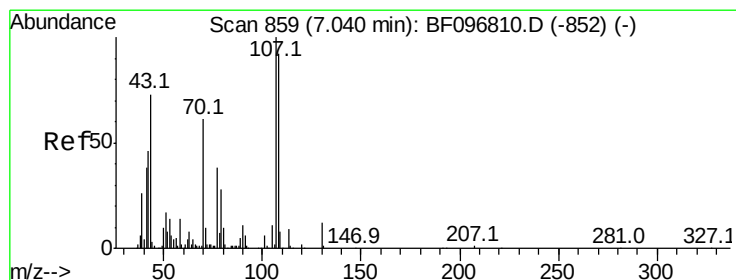
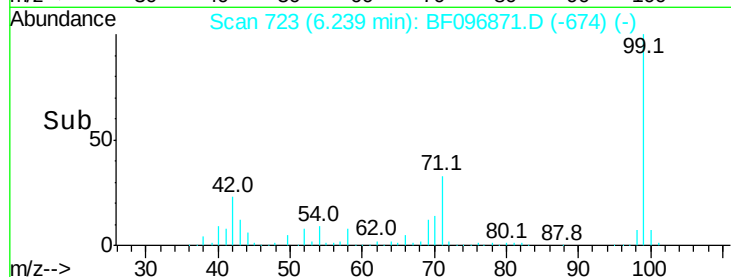
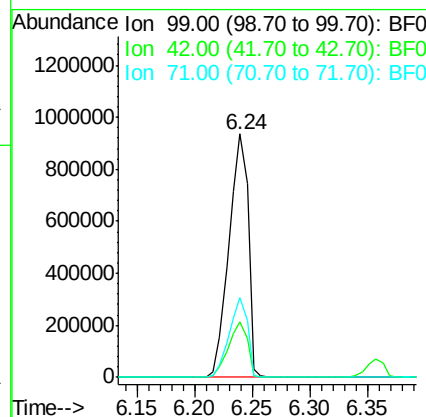
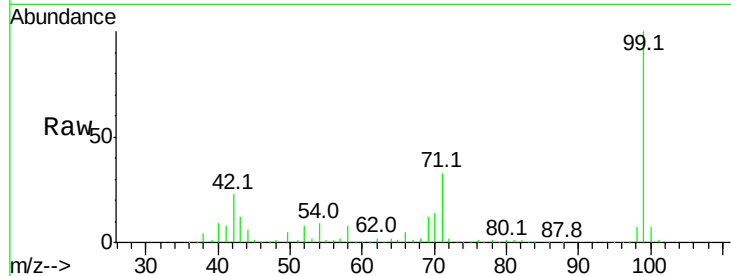
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1077531

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	32.9	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.312 ng

RT: 7.15 min Scan# 878

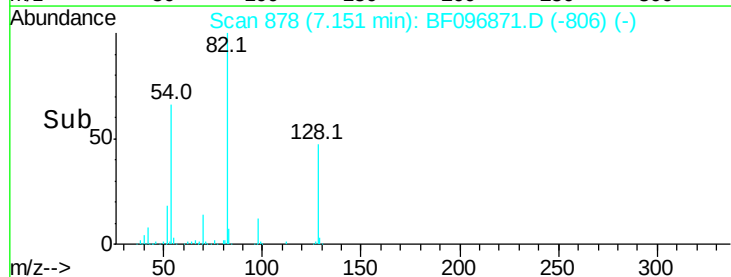
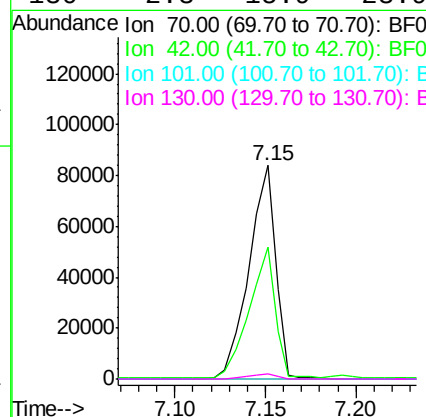
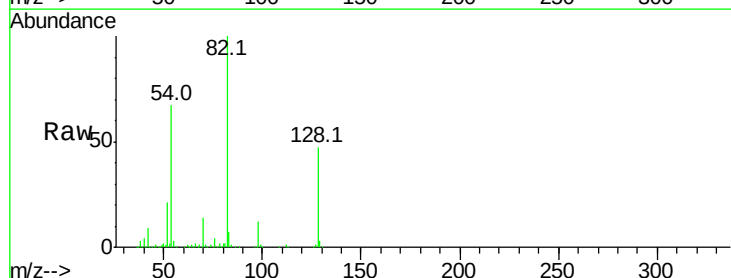
Delta R.T. 0.12 min

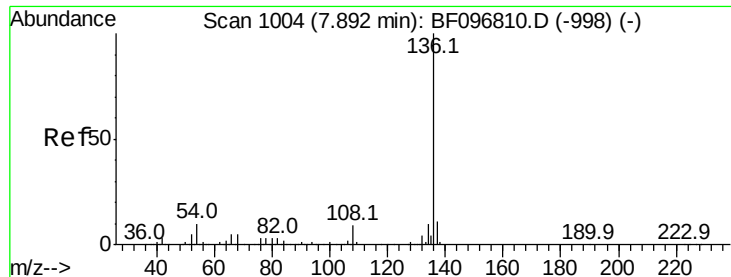
Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Tgt Ion: 70 Resp: 86252

Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

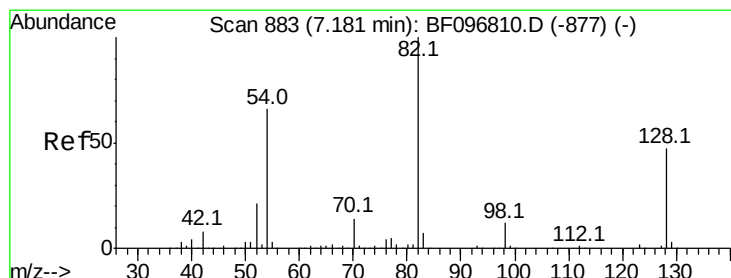
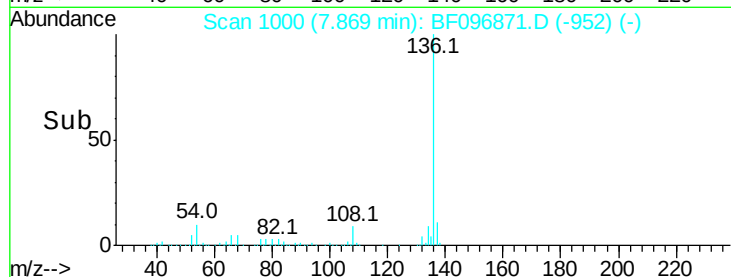
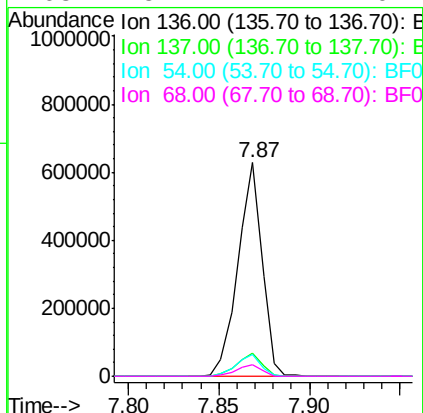
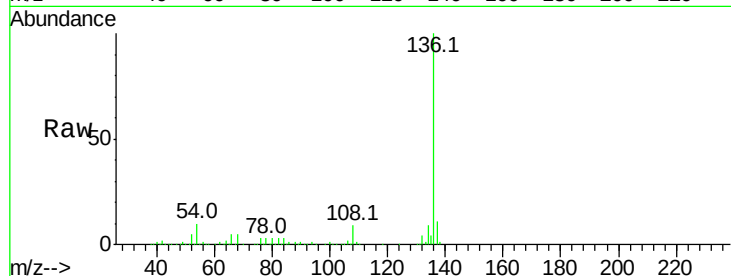




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

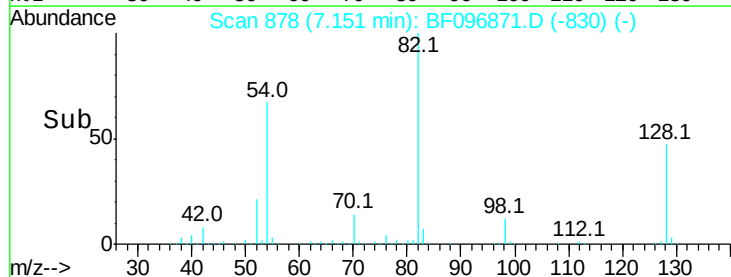
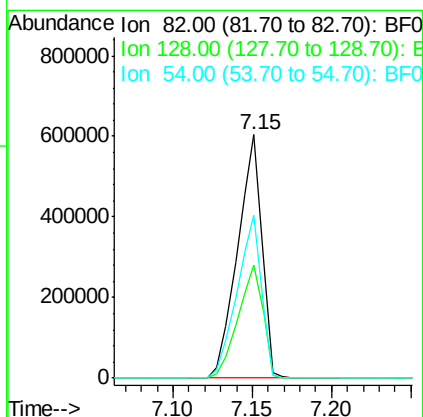
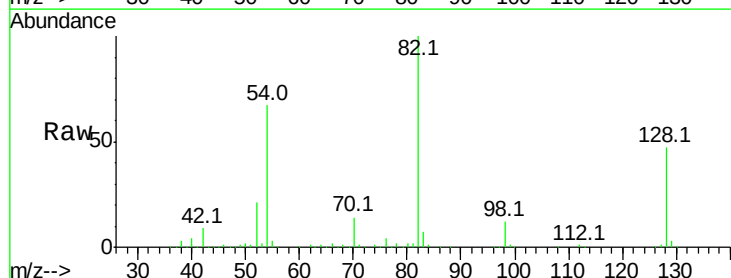
Instrument :
BNA_F
ClientSampleId :

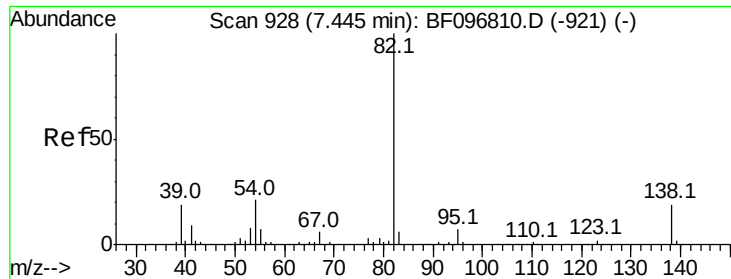
Tot Ion:136	Resp:	582825
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	10.1	4.9 7.3#
68	5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 67.687 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion: 82	Resp:	636896
Ion Ratio	Lower	Upper
82	100	
128	46.5	34.0 51.0
54	66.9	42.2 63.2#





#25

Isophorone

Concen: 35.698 ng

RT: 7.15 min Scan# 878

Delta R.T. -0.28 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Instrument :

BNA_F

ClientSampleId :

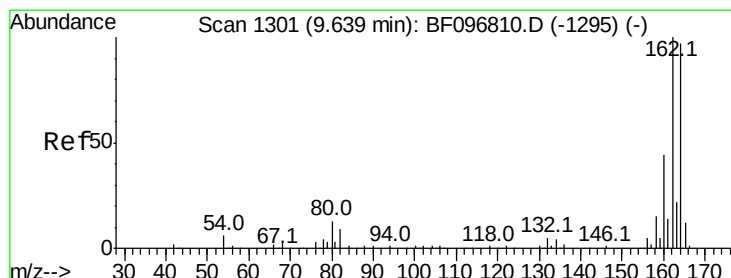
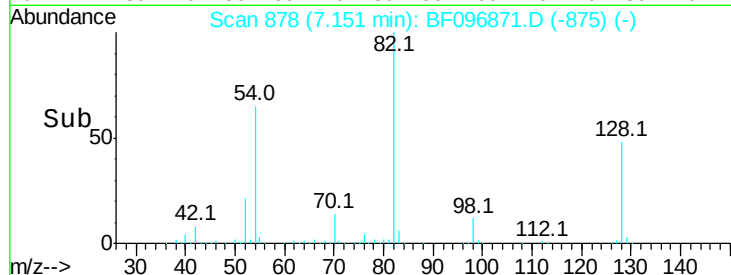
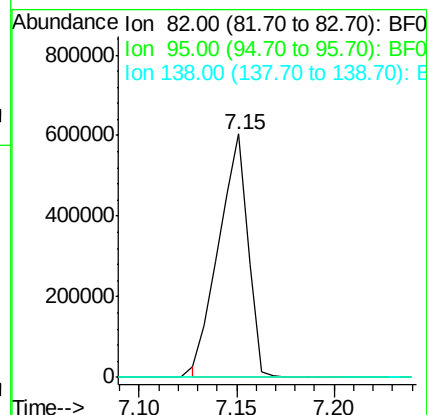
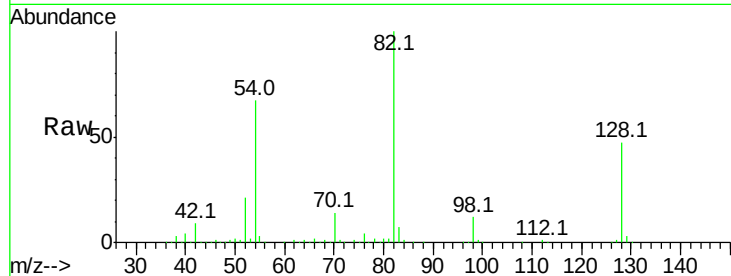
Tot Ion: 82 Resp: 624867

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: BF096871.D

Acq: 19 Jul 2017 15:47

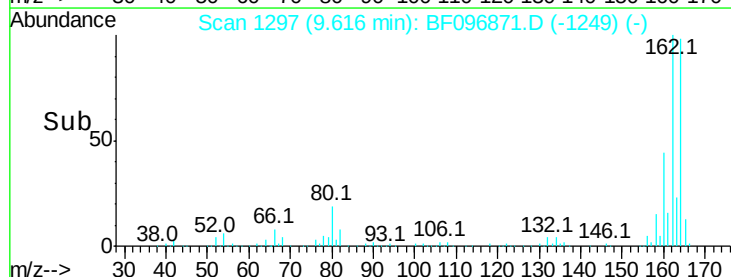
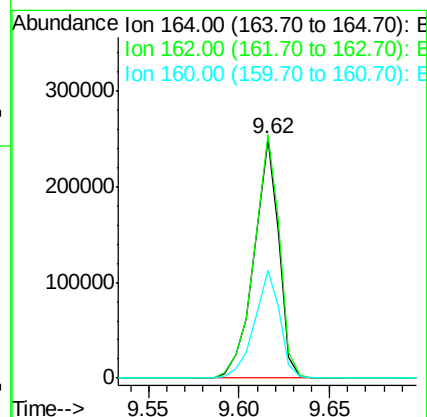
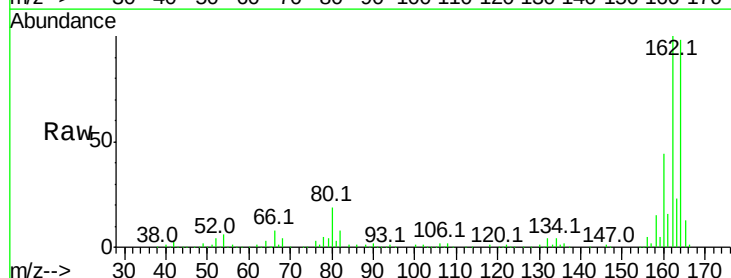
Tgt Ion:164 Resp: 236616

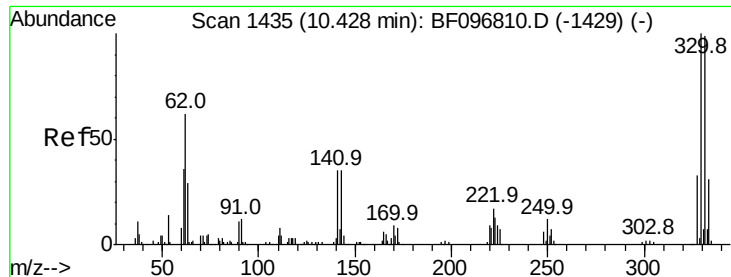
Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 45.0 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 101.864 ng

RT: 10.40 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Instrument :

BNA_F

ClientSampled :

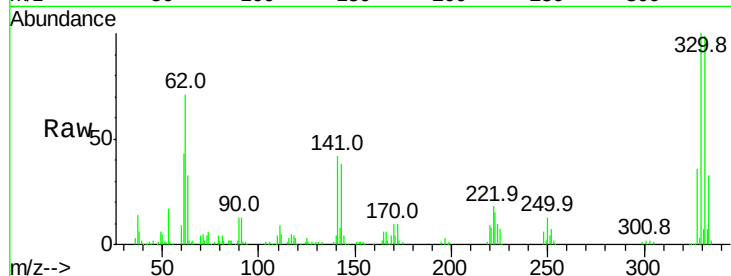
Tot Ion:330 Resp: 205736

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

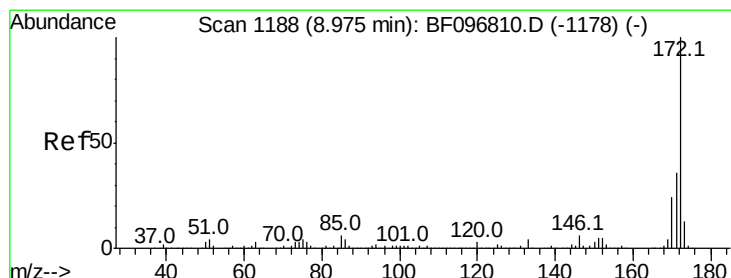
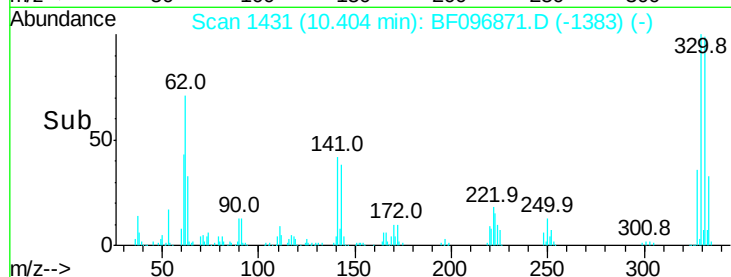
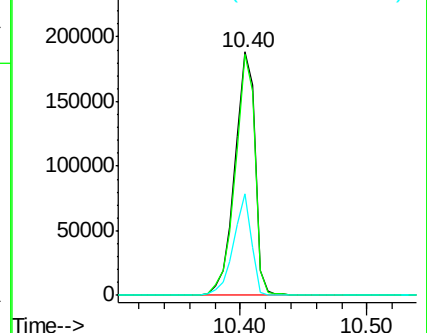
141 36.8 31.4 47.2



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: 65.822 ng

RT: 8.95 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

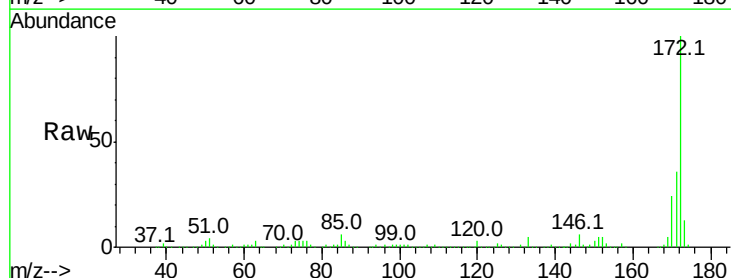
Tgt Ion:172 Resp: 985775

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

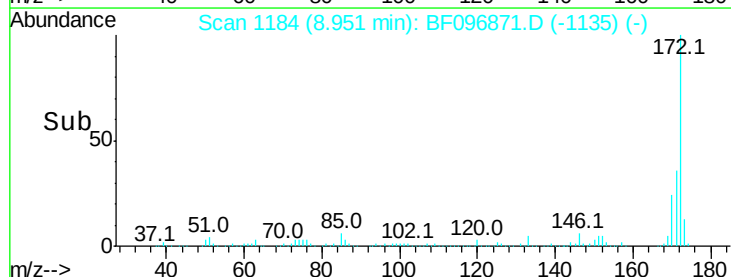
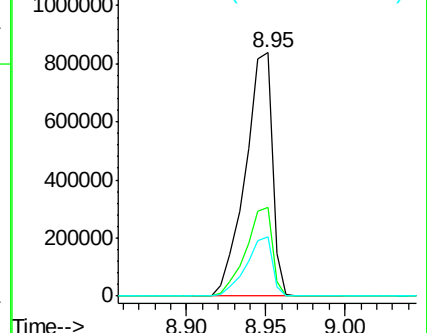
170 24.4 19.8 29.8

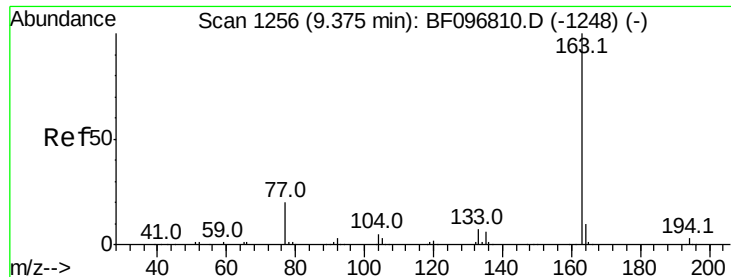


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.893 ng

RT: 9.62 min Scan# 1298

Delta R.T. 0.25 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Instrument :

BNA_F

ClientSampleId :

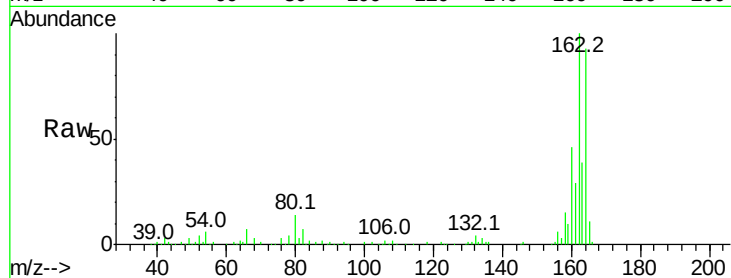
Tot Ion:163 Resp: 69360

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

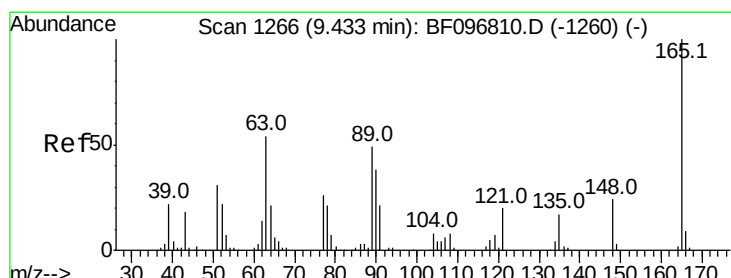
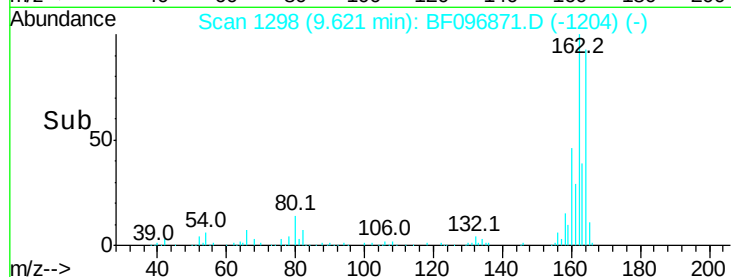
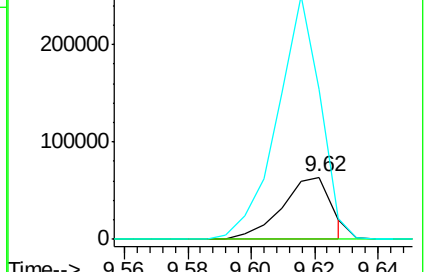
164 241.2 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 7.711 ng

RT: 9.62 min Scan# 1297

Delta R.T. 0.19 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

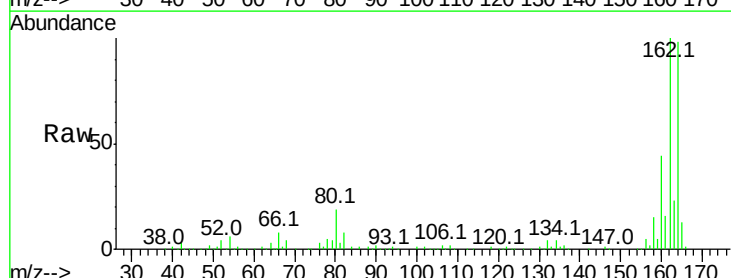
Tgt Ion:165 Resp: 29757

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

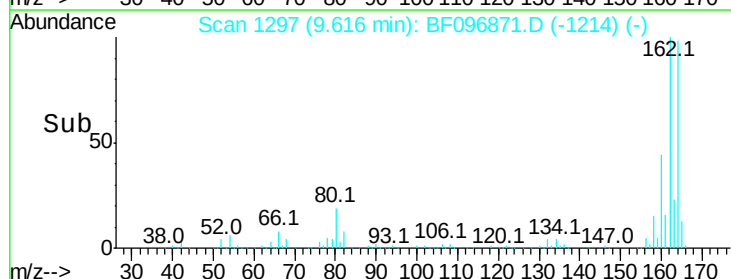
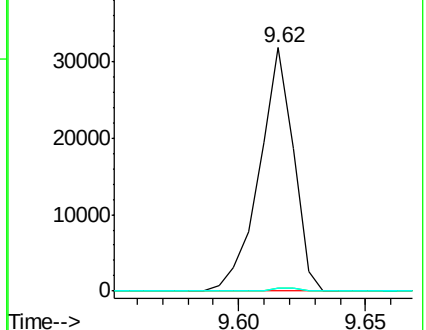
89 1.1 37.1 55.7#

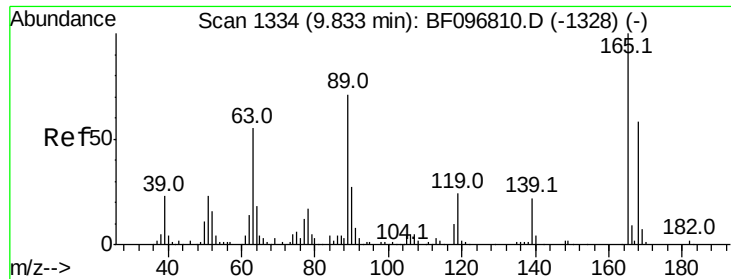


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

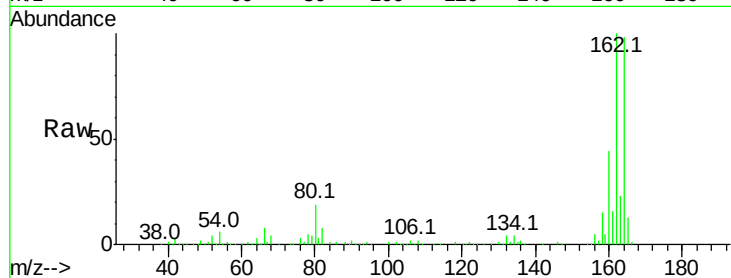




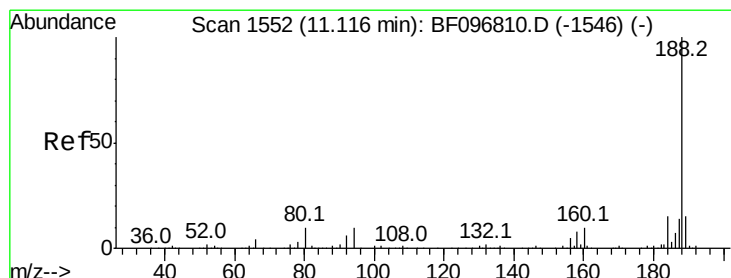
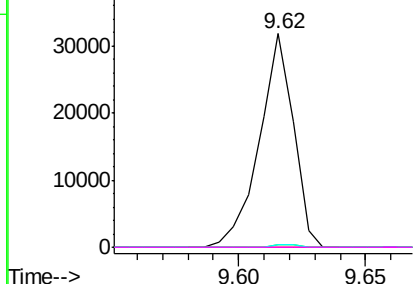
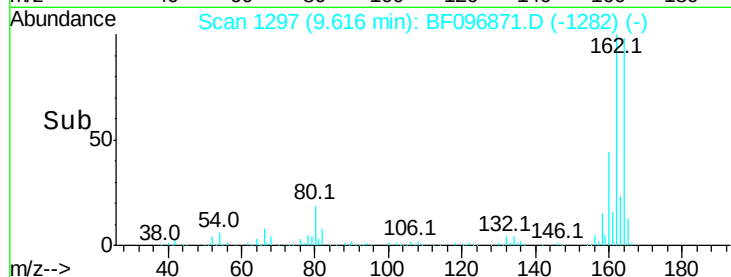
#56
 2,4-Dinitrotoluene
 Concen: 6.001 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 29757
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

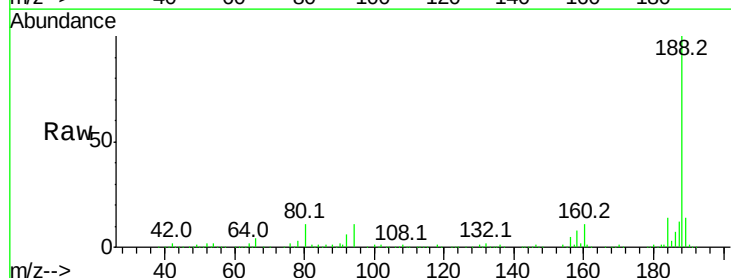


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

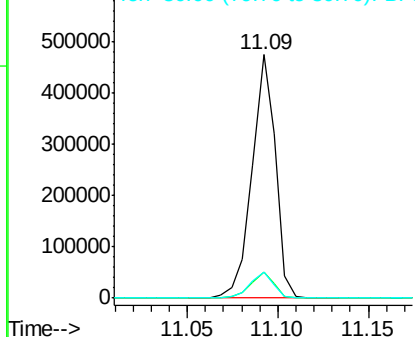
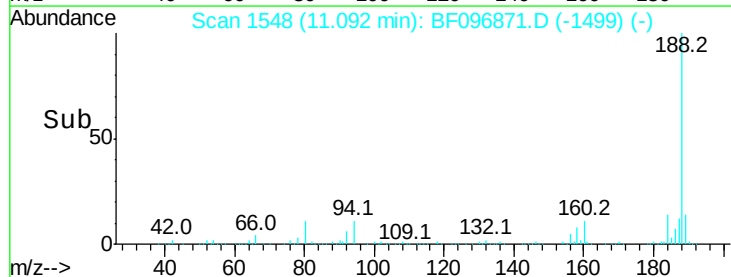


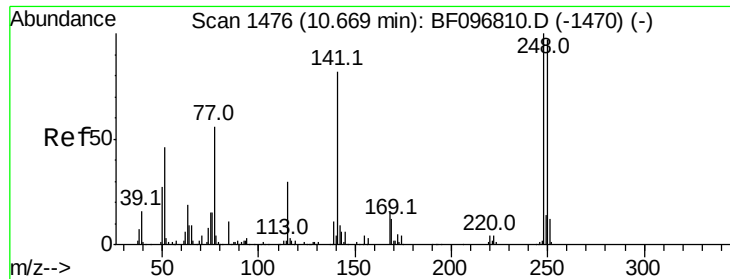
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.09 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

Tgt Ion:188 Resp: 425907
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 10.9 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

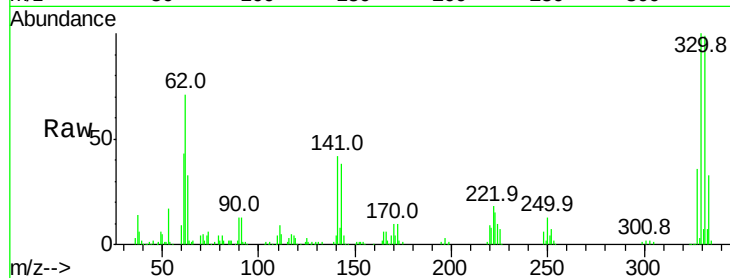




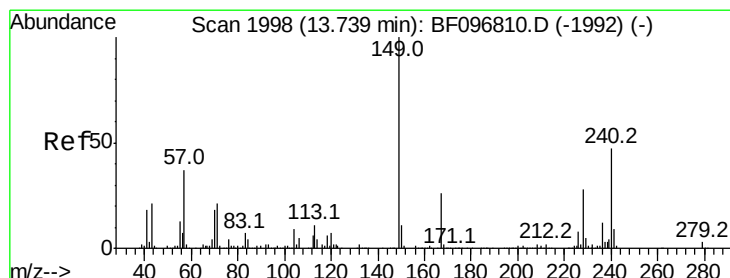
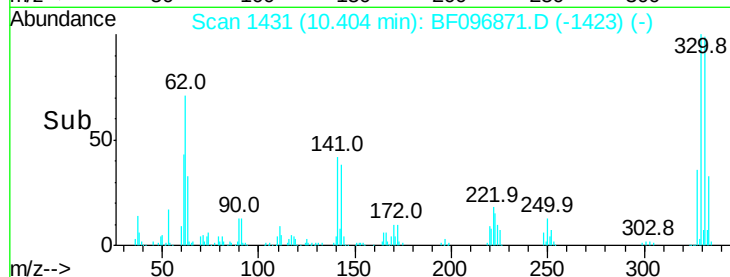
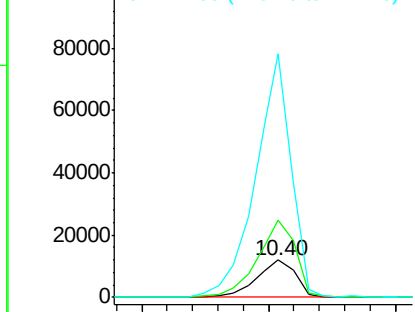
#66
 4-Bromophenyl-phenylether
 Concen: 2.890 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12567
 Ion Ratio Lower Upper
 248 100
 250 208.8 76.8 115.2#
 141 654.4 68.6 103.0#

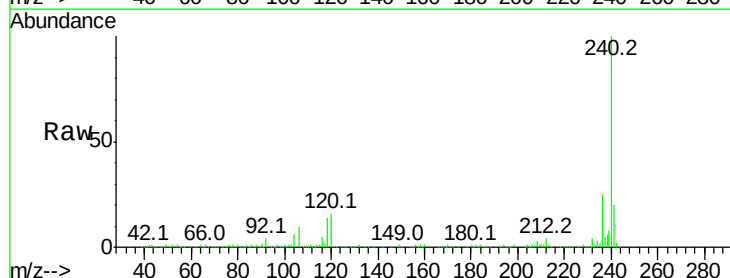


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

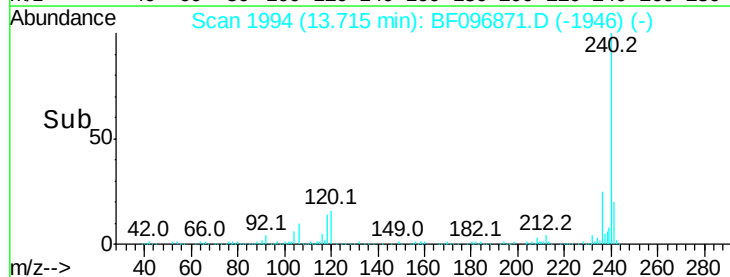
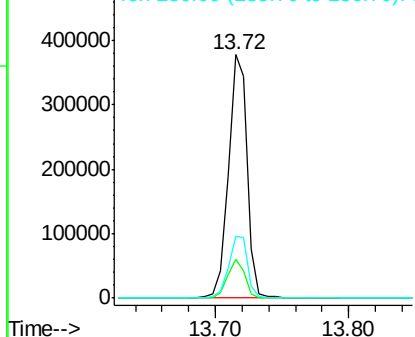


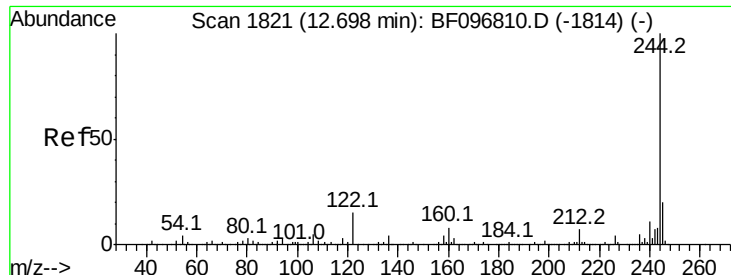
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

Tgt Ion:240 Resp: 373245
 Ion Ratio Lower Upper
 240 100
 120 16.0 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: 40.428 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Instrument :

BNA_F

ClientSampled :

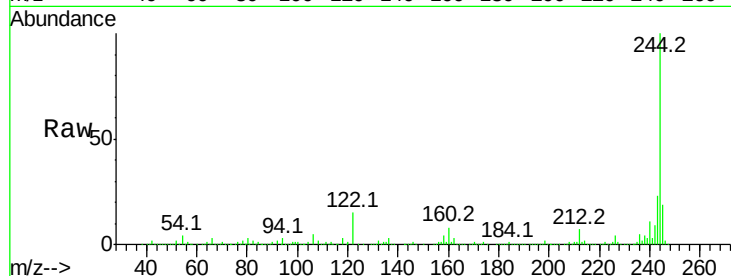
Tot Ion:244 Resp: 870077

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

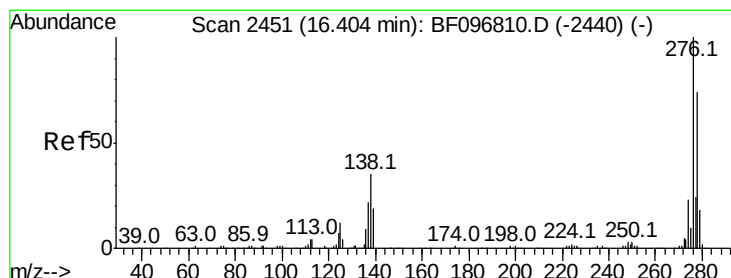
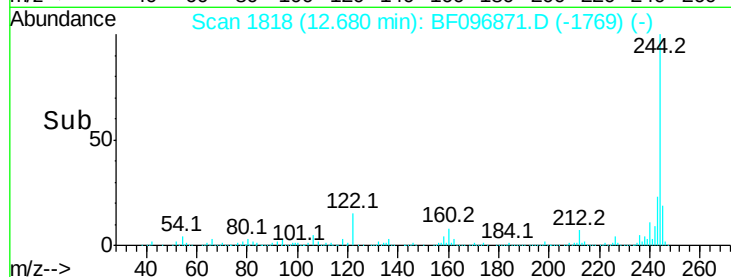
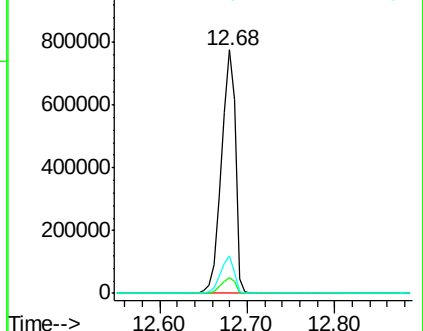
122 15.4 10.3 15.5



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: 3.355 ng

RT: 16.37 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

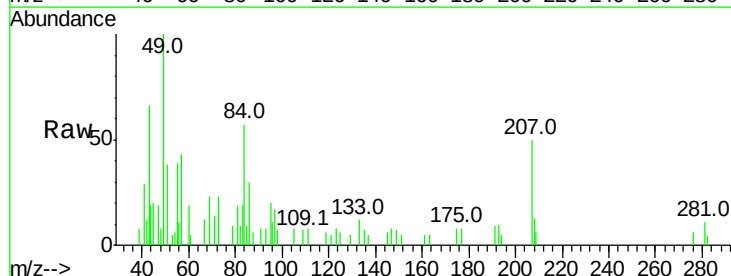
Tgt Ion:276 Resp: 601

Ion Ratio Lower Upper

276 100

138 0.0 27.8 41.6#

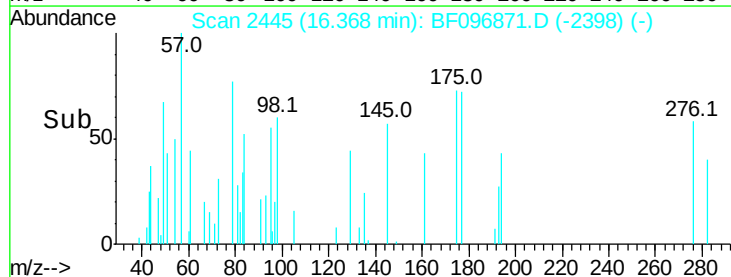
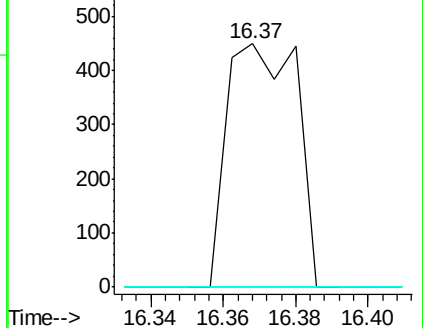
277 0.0 20.2 30.4#

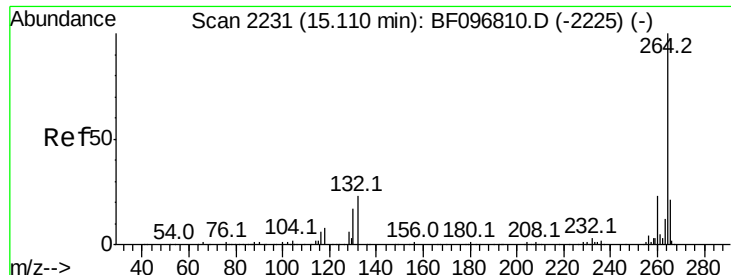


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

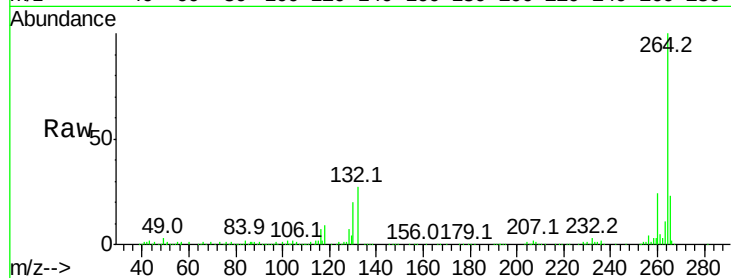




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.6	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

