

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096612.D
 Acq On : 10 Jul 2017 20:26
 Operator : SJ/JU
 Sample : I4101-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:12:22 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

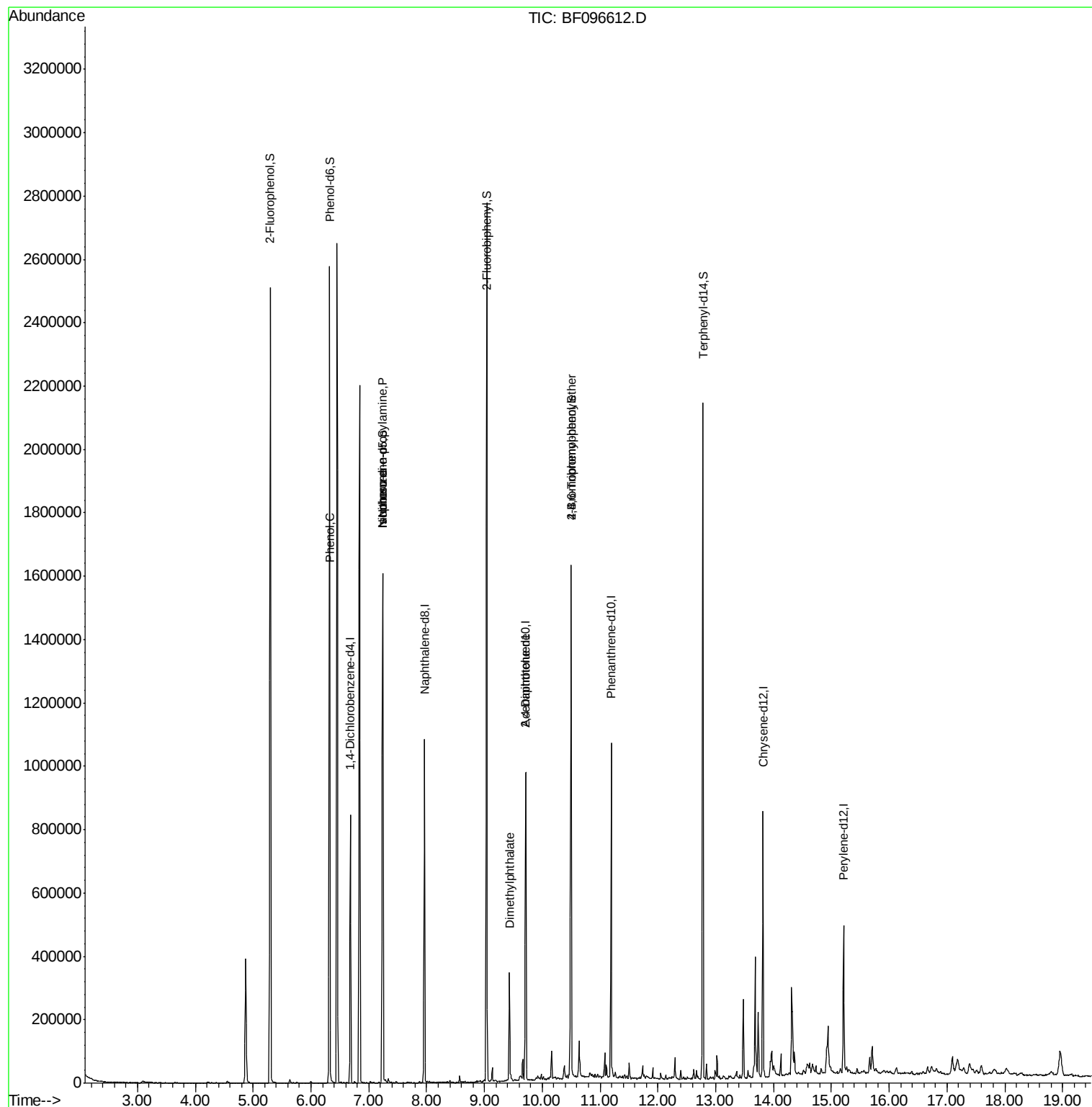
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	115243	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	480499	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	213817	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	366608	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	256869	20.00	ng	-0.03
86) Perylene-d12	15.22	264	197280	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	718697	92.05	ng	-0.01
7) Phenol-d6	6.32	99	897866	93.54	ng	-0.02
23) Nitrobenzene-d5	7.24	82	555201	69.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	185136	110.85	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	968421	77.44	ng	-0.02
78) Terphenyl-d14	12.78	244	751244	62.49	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	21927	2.01	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.24	70	71921	12.58	ng	# 87
25) Isophorone	7.24	82	551723	35.59	ng	# 67
49) Dimethylphthalate	9.43	163	127205	7.97	ng	98
56) 2,4-Dinitrotoluene	9.71	165	27807	6.22	ng	# 32
66) 4-Bromophenyl-phenylether	10.50	248	11849	3.32	ng	# 1

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

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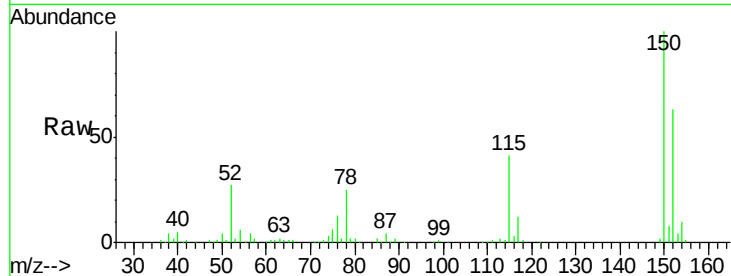


#1

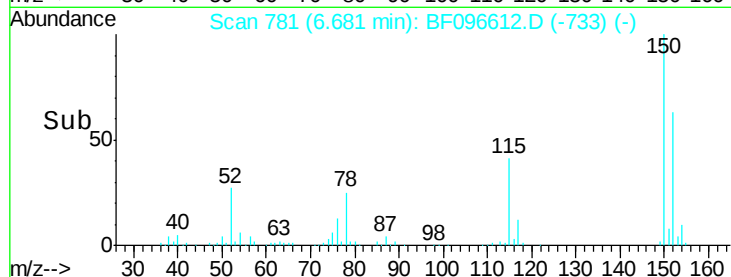
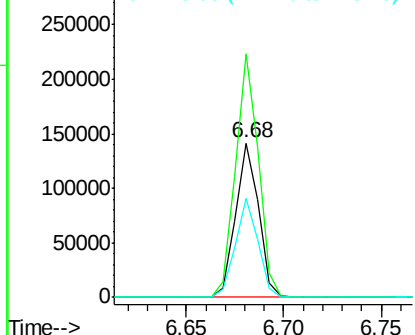
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 115243
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 64.3 52.2 78.2



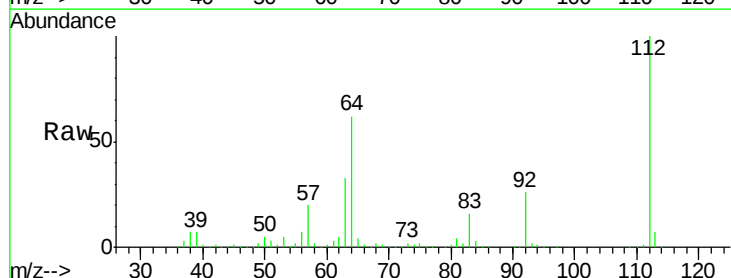
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



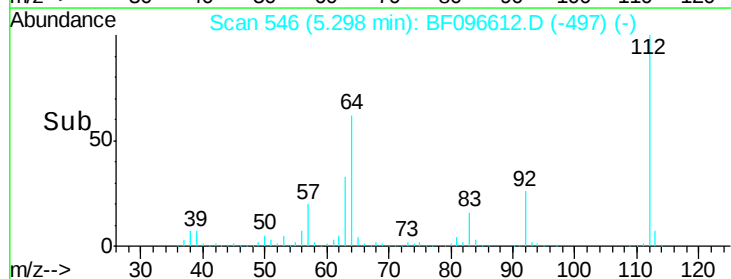
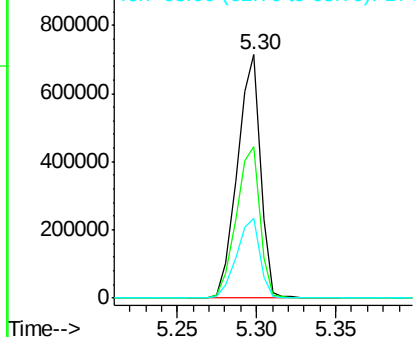
#5

2-Fluorophenol
 Concen: 92.05 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

Tgt Ion:112 Resp: 718697
 Ion Ratio Lower Upper
 112 100
 64 62.4 46.0 69.0
 63 32.6 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: 93.54 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

Instrument :

BNA_F

ClientSampled :

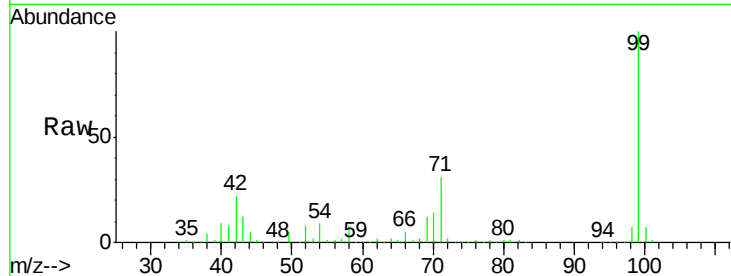
Tot Ion: 99 Resp: 897866

Ion Ratio Lower Upper

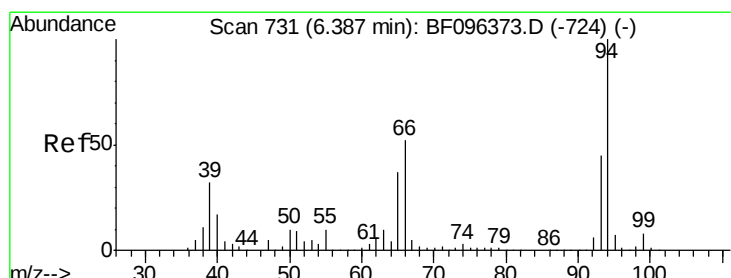
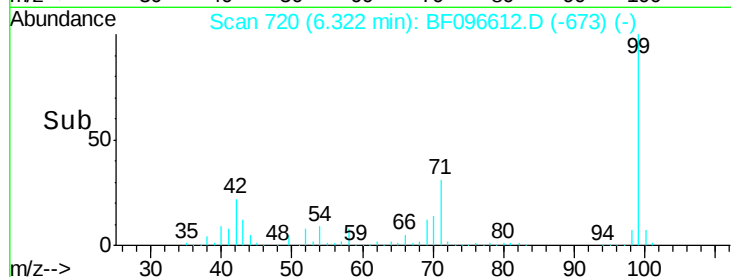
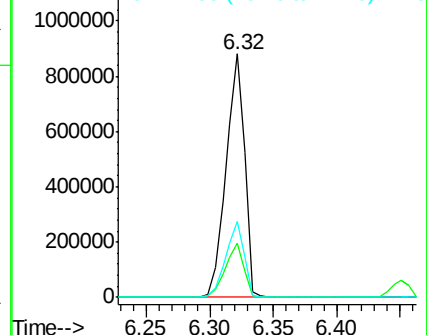
99 100

42 22.4 13.5 20.3#

71 31.4 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: 2.01 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

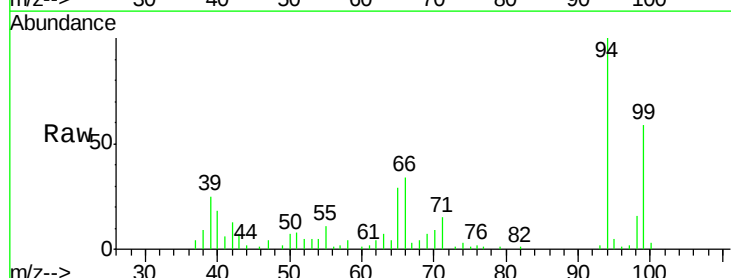
Tgt Ion: 94 Resp: 21927

Ion Ratio Lower Upper

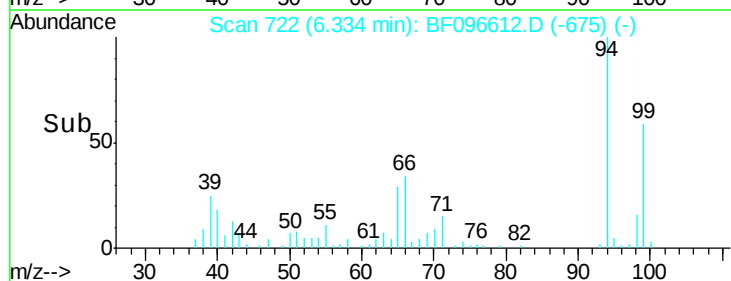
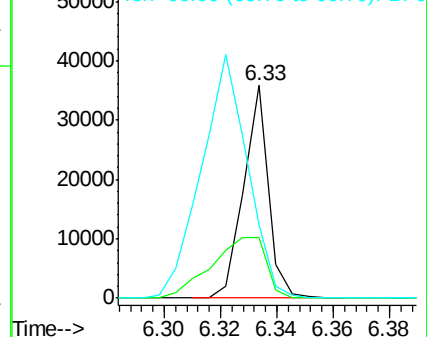
94 100

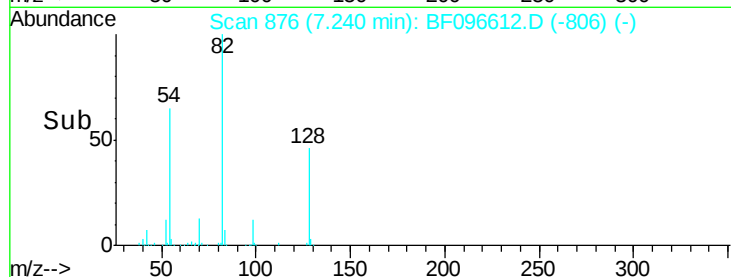
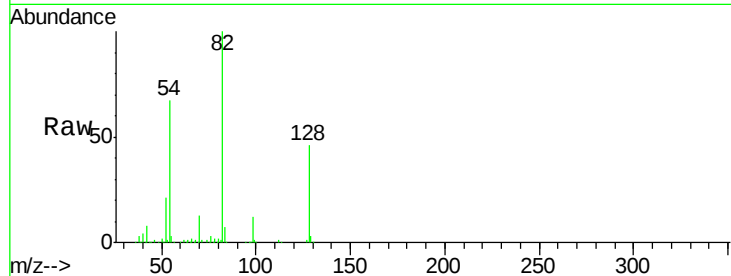
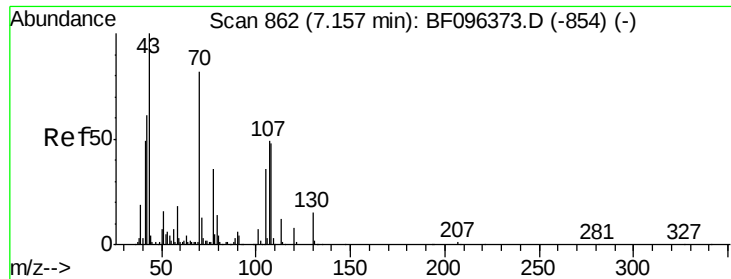
65 28.7 9.9 49.9

66 34.4 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

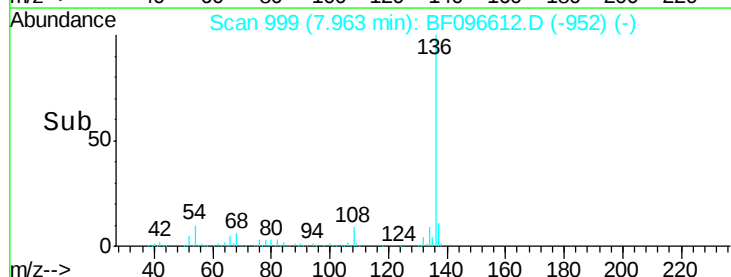
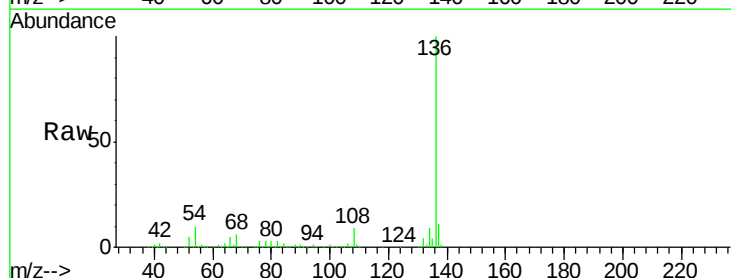
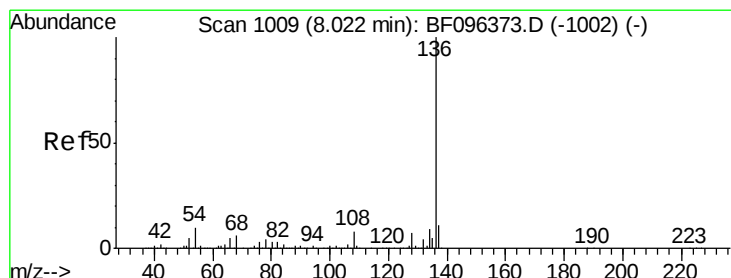
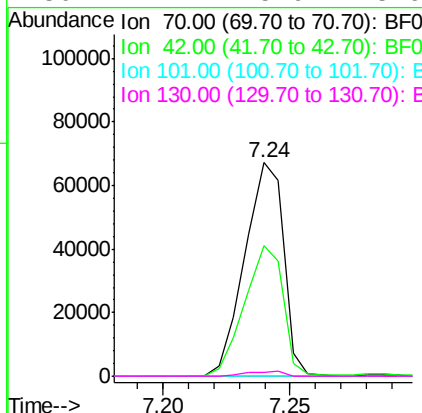




#19
n-Nitroso-di-n-propylamine
Concen: 12.58 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.11 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

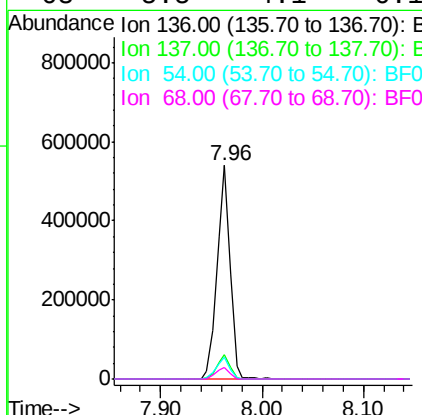
Instrument :
BNA_F
ClientSampleId :

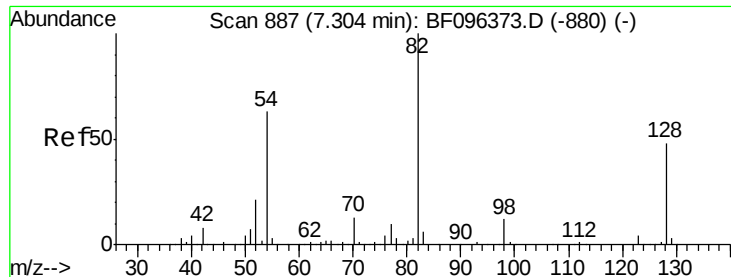
Tot Ion: 70 Resp: 71921
Ion Ratio Lower Upper
70 100
42 61.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Tgt Ion:136 Resp: 480499
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.0 4.9 7.3#
68 5.5 4.1 6.1

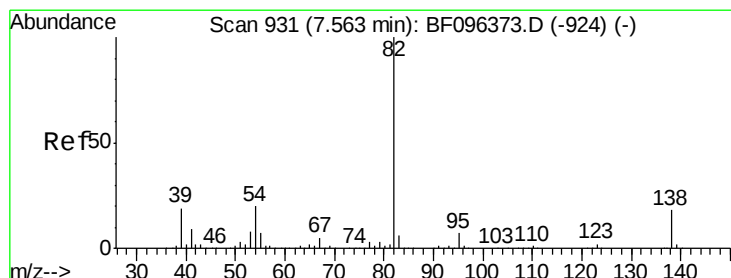
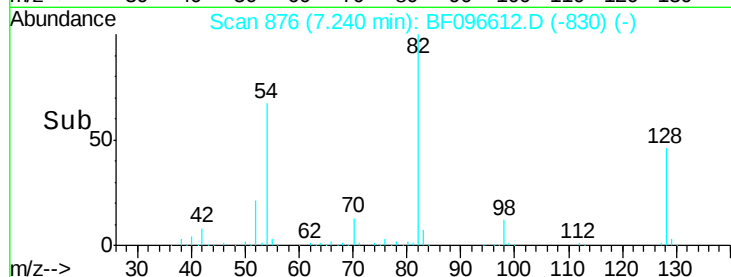
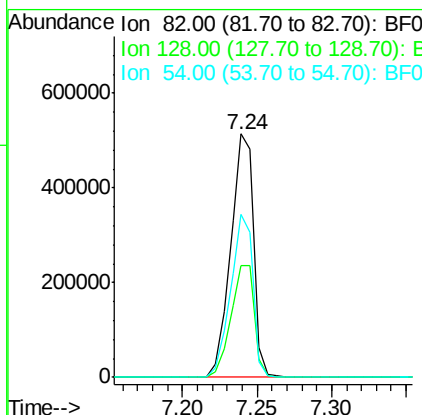
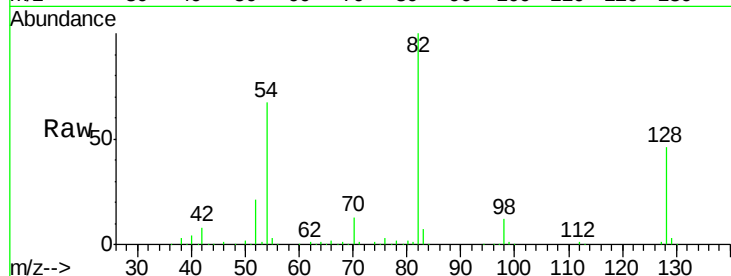




#23
Nitrobenzene-d5
Concen: 69.43 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

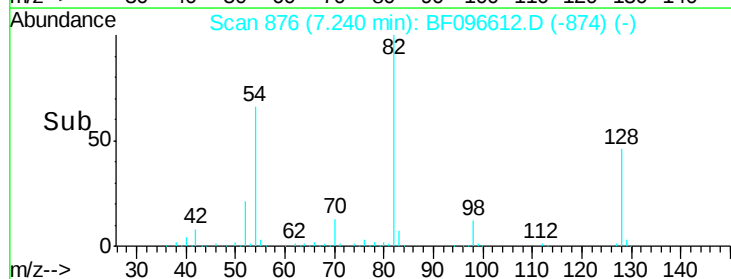
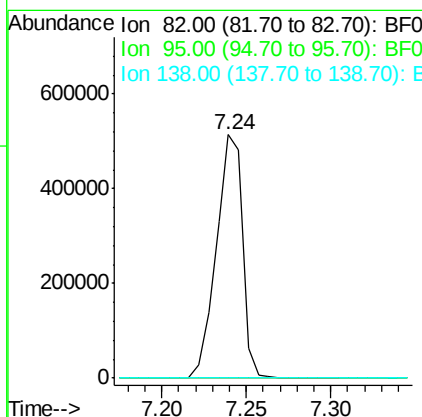
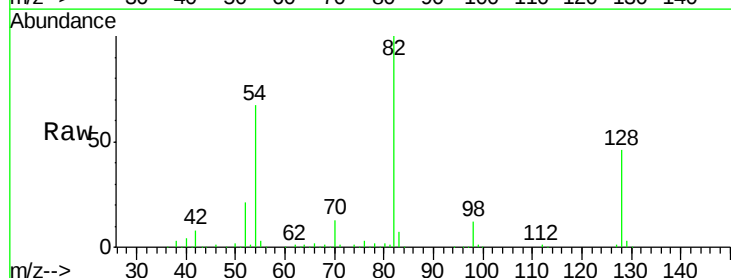
Instrument :
BNA_F
ClientSampleId :

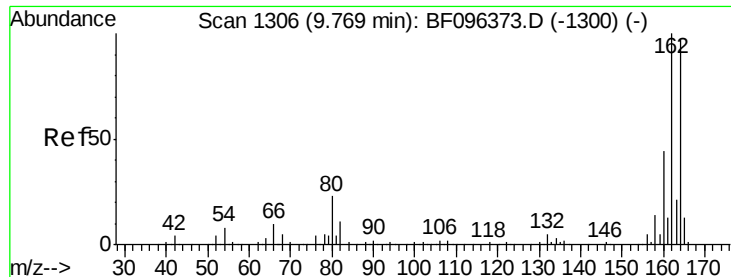
Tot Ion: 82 Resp: 555201
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 67.1 42.2 63.2#



#25
Isophorone
Concen: 35.59 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.29 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Tgt Ion: 82 Resp: 551723
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

Instrument :

BNA_F

ClientSampleId :

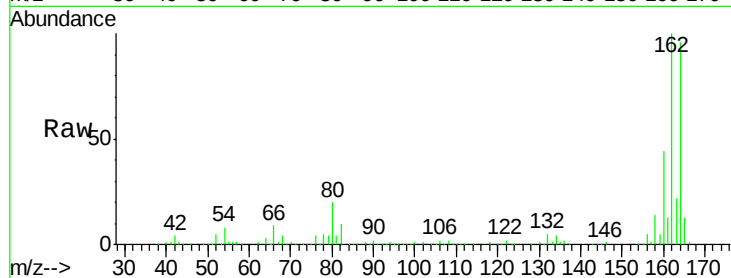
Tot Ion:164 Resp: 213817

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

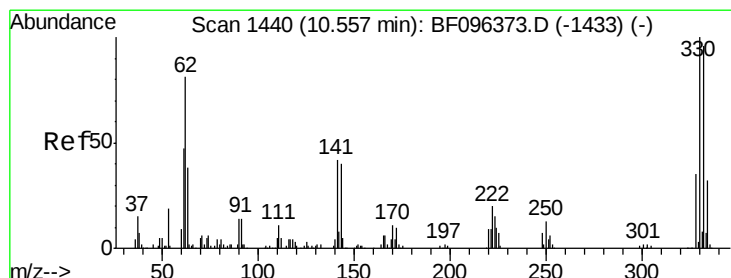
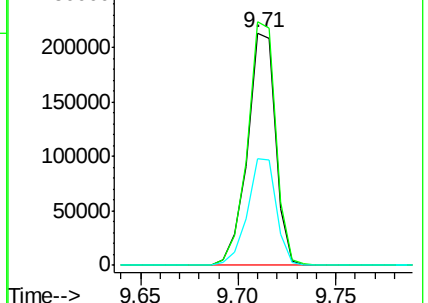
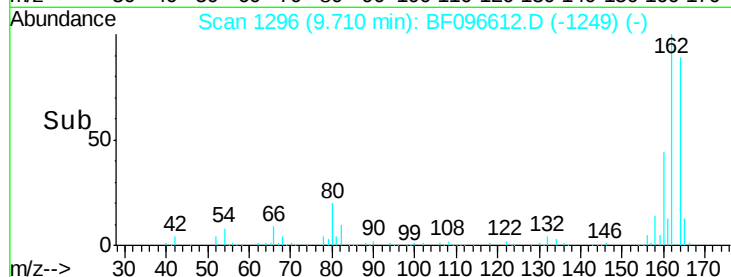
160 45.8 36.2 54.2



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: 110.85 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

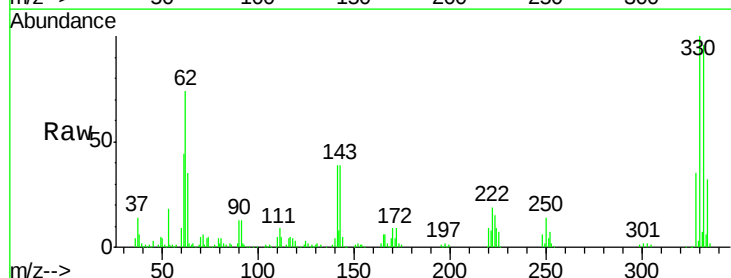
Tgt Ion:330 Resp: 185136

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

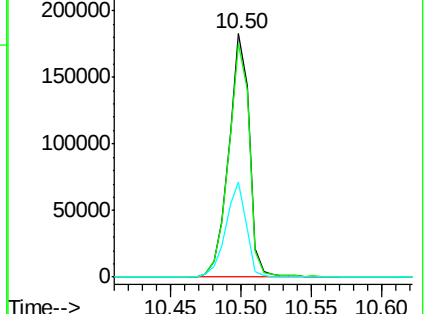
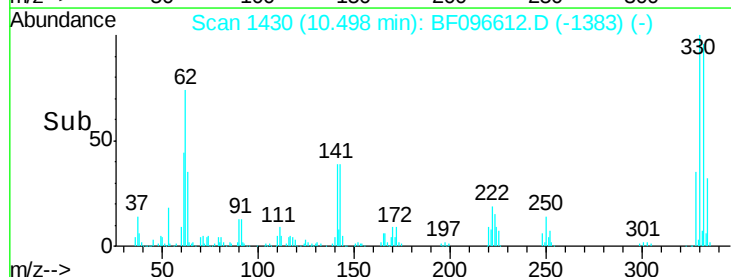
141 39.0 31.4 47.2

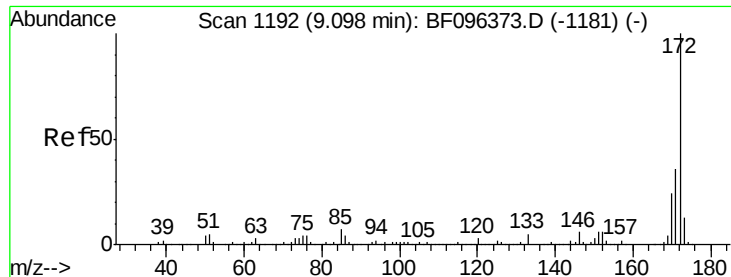


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

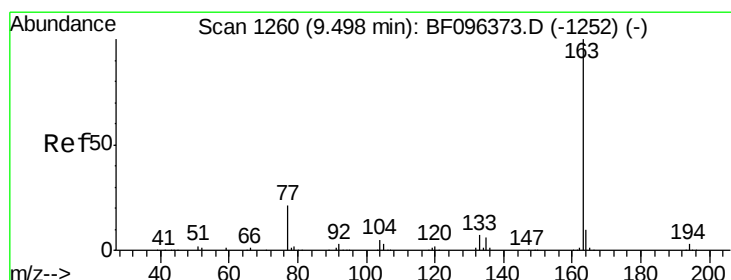
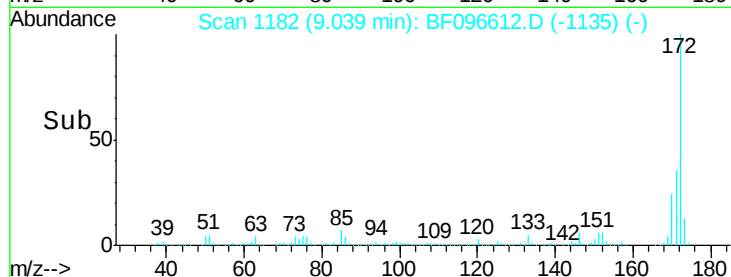
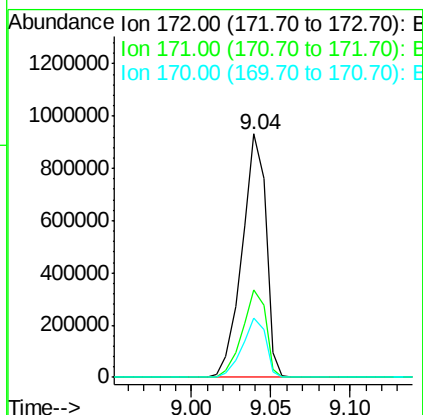
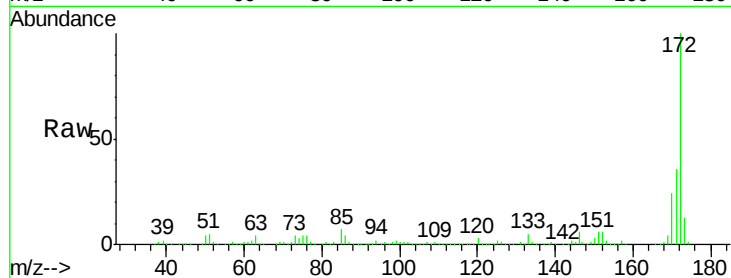




#44
2-Fluorobiphenyl
Concen: 77.44 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

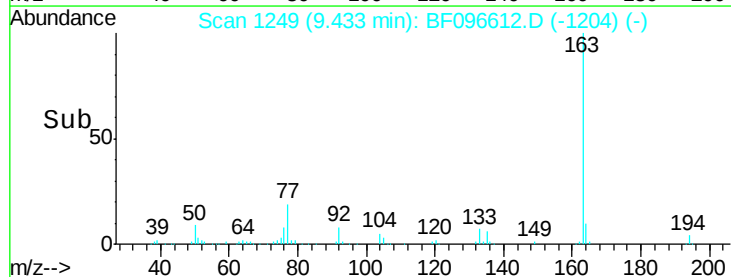
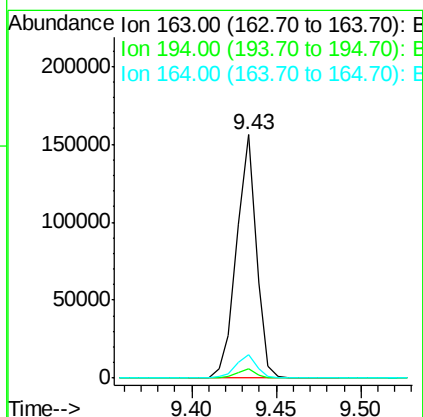
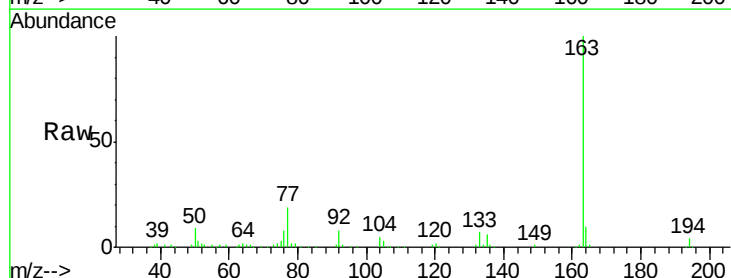
Instrument :
BNA_F
ClientSampleId :

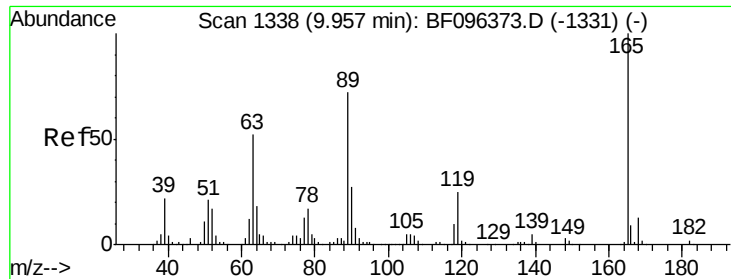
Tot Ion:172 Resp: 968421
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.5 19.8 29.8



#49
Dimethylphthalate
Concen: 7.97 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Tgt Ion:163 Resp: 127205
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.8 8.4 12.6

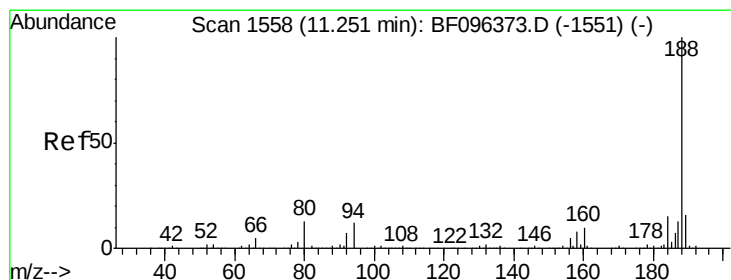
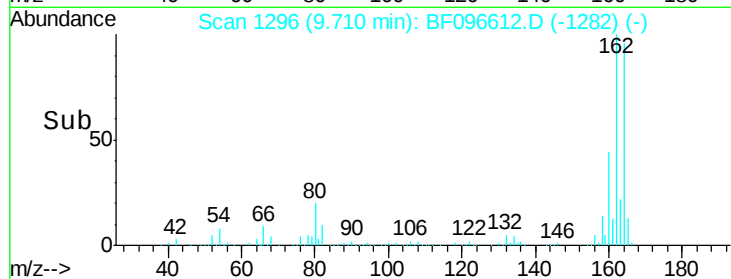
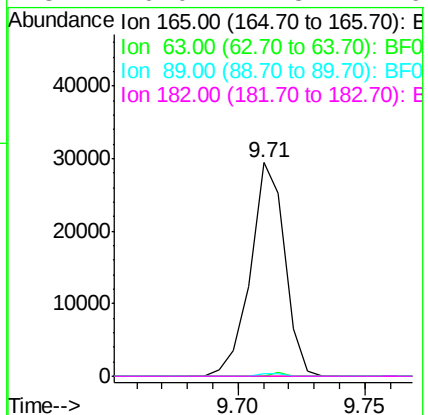
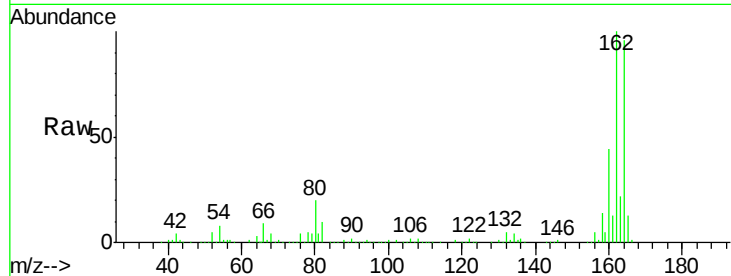




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

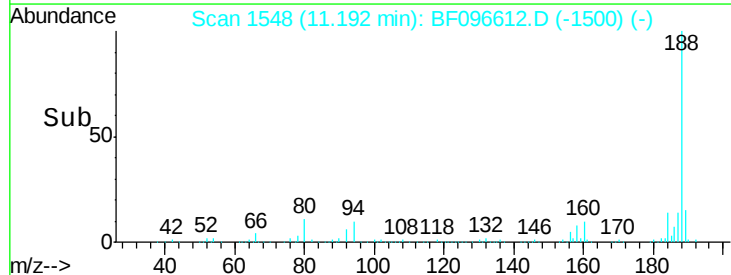
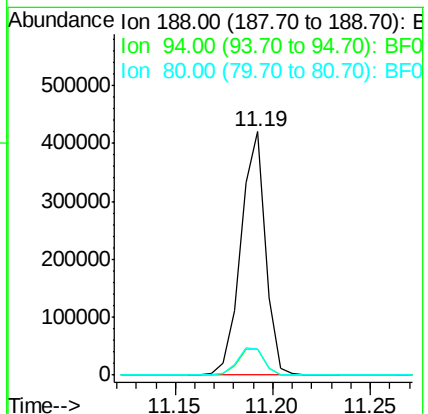
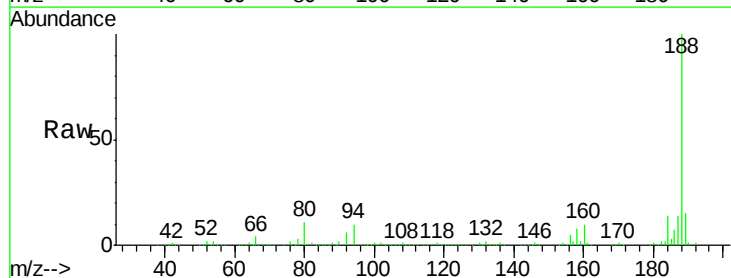
Instrument :
 BNA_F
 ClientSampleId :

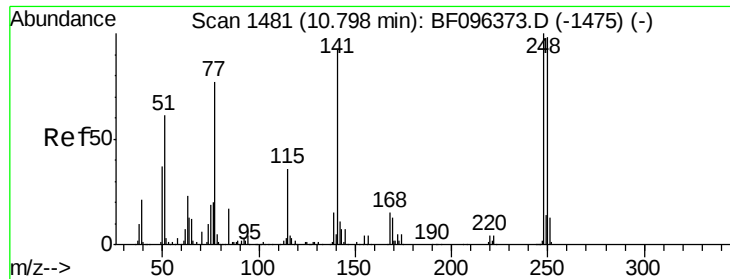
Tot Ion:165	Resp:	27807
Ion Ratio	Lower	Upper
165	100	
63	0.0	25.4 38.0#
89	1.0	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

Tgt Ion:188	Resp:	366608
Ion Ratio	Lower	Upper
188	100	
94	10.5	9.4 14.2
80	10.9	10.2 15.2

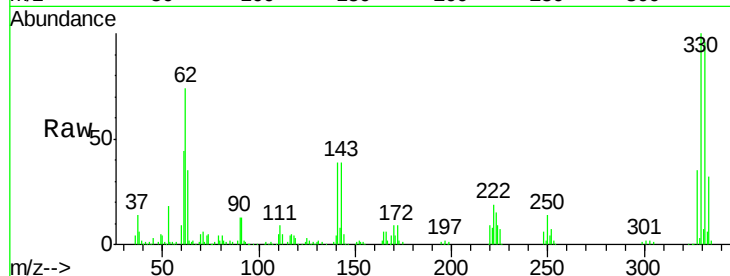




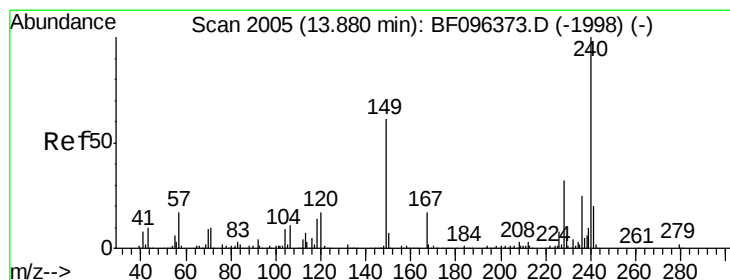
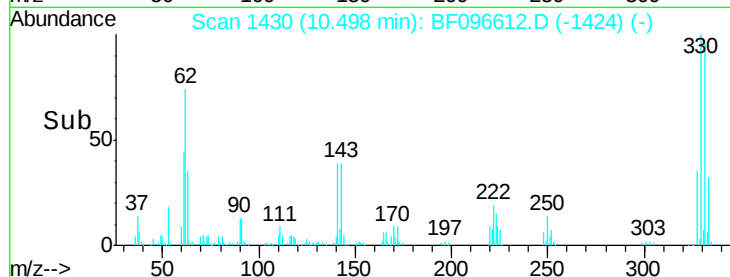
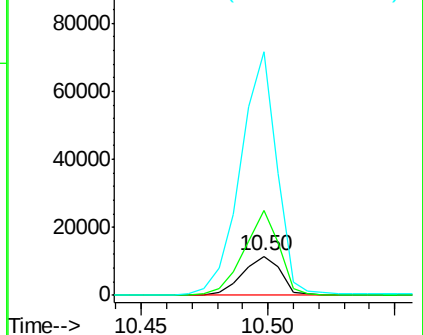
#66
 4-Bromophenyl-phenylether
 Concen: 3.32 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11849
 Ion Ratio Lower Upper
 248 100
 250 215.3 76.8 115.2#
 141 621.1 68.6 103.0#

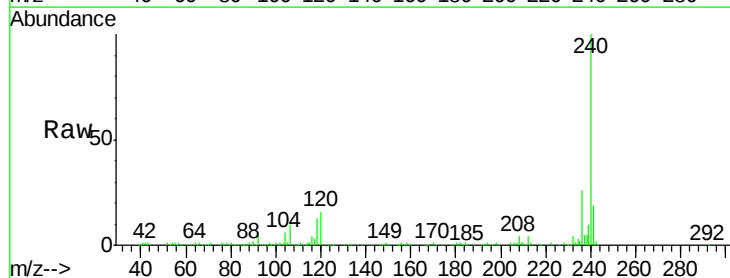


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

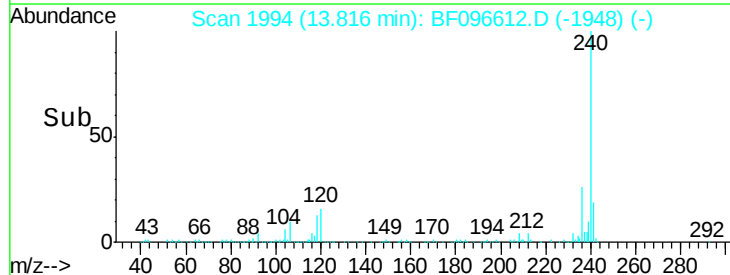
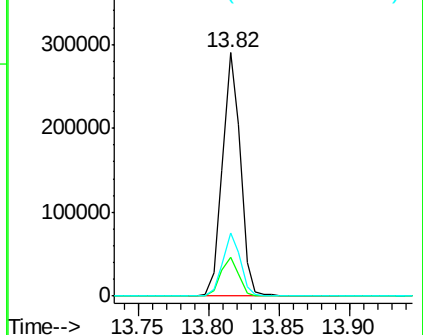


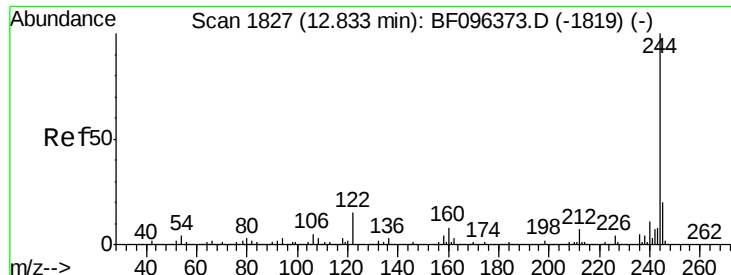
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.03 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

Tgt Ion:240 Resp: 256869
 Ion Ratio Lower Upper
 240 100
 120 16.0 5.8 8.8#
 236 25.9 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

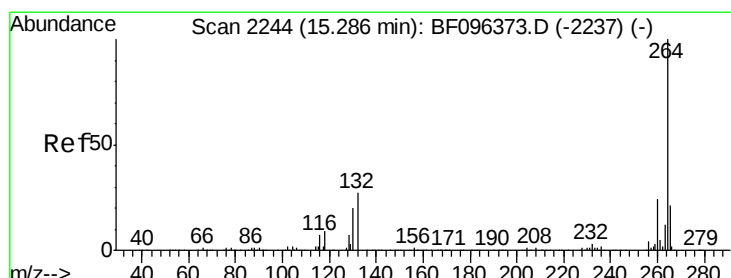
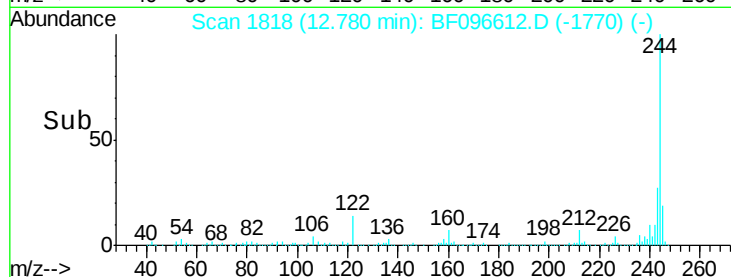
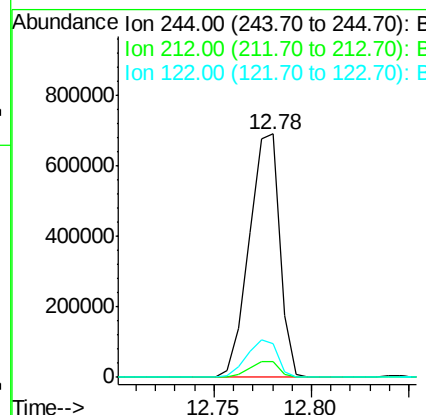
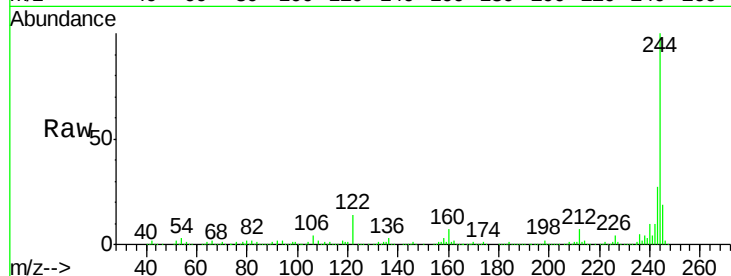




#78
 Terphenyl-d14
 Concen: 62.49 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 751244
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.03 min
 Lab File: BF096612.D
 Acq: 10 Jul 2017 20:26

Tgt Ion:264 Resp: 197280
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 20.6 17.2 25.8

