

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096608.D
 Acq On : 10 Jul 2017 18:35
 Operator : SJ/JU
 Sample : I4101-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:10:19 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

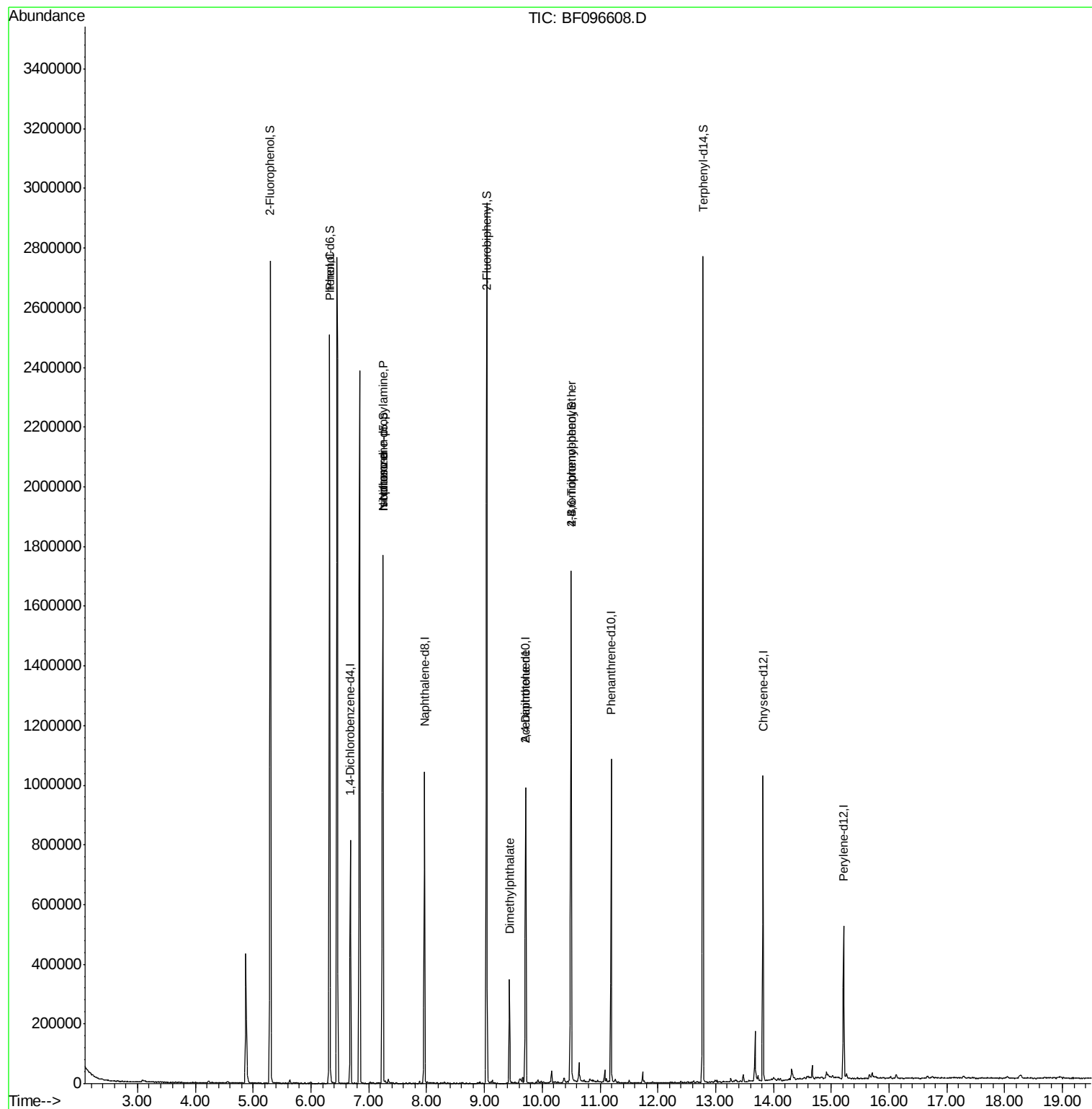
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	112657	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	479112	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	219110	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	389114	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	337091	20.00	ng	-0.03
86) Perylene-d12	15.22	264	226369	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	828372	108.53	ng	-0.01
7) Phenol-d6	6.32	99	1013001	107.96	ng	-0.02
23) Nitrobenzene-d5	7.25	82	588870	73.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	209984	122.69	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1099282	85.78	ng	-0.02
78) Terphenyl-d14	12.78	244	914848	57.99	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	24054	2.25	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.25	70	78188	13.99	ng	# 88
25) Isophorone	7.25	82	585137	37.85	ng	# 67
49) Dimethylphthalate	9.43	163	129858	7.94	ng	97
56) 2,4-Dinitrotoluene	9.71	165	28317	6.18	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	13503	3.56	ng	# 1

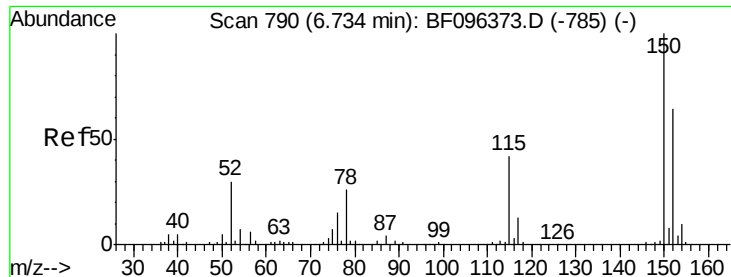
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096608.D
Acq On : 10 Jul 2017 18:35
Operator : SJ/JU
Sample : I4101-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 11 01:10:19 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



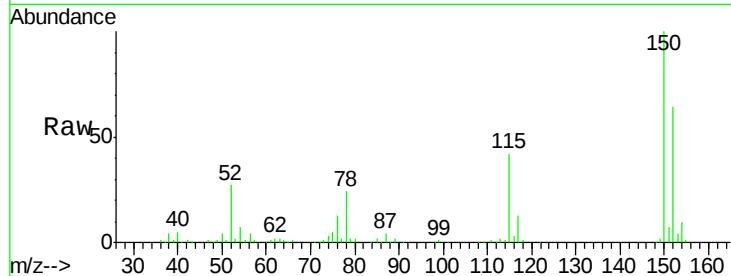


#1

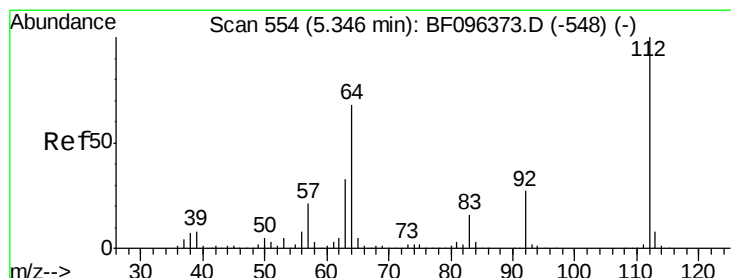
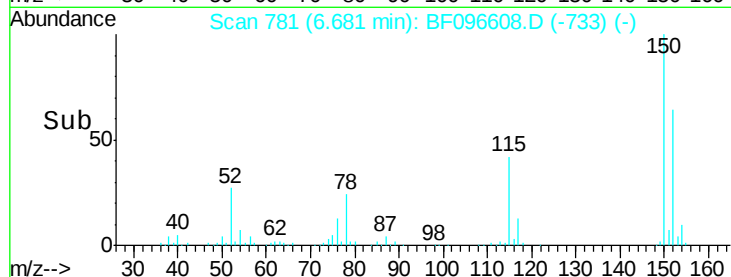
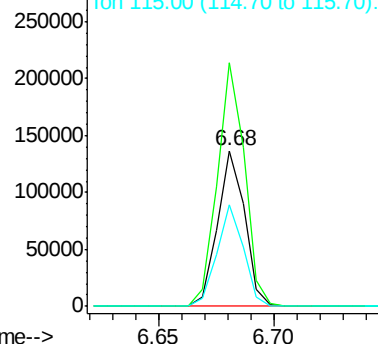
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	65.2	52.2	78.2



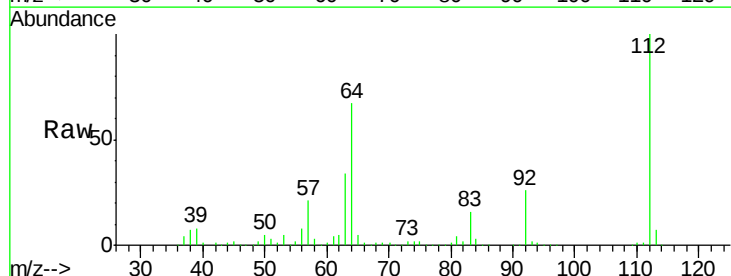
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



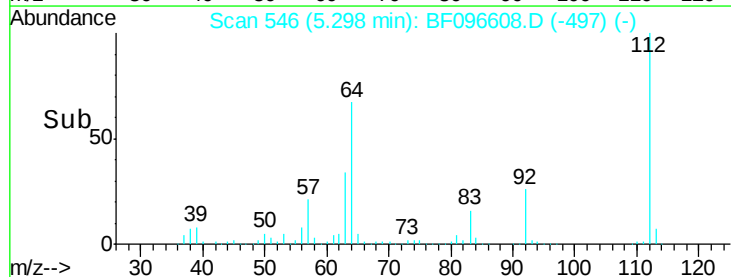
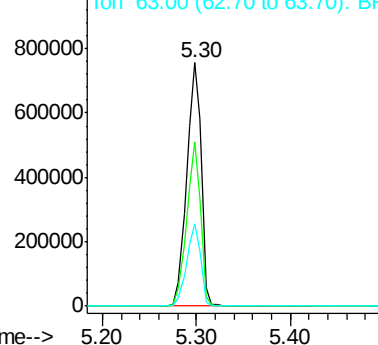
#5

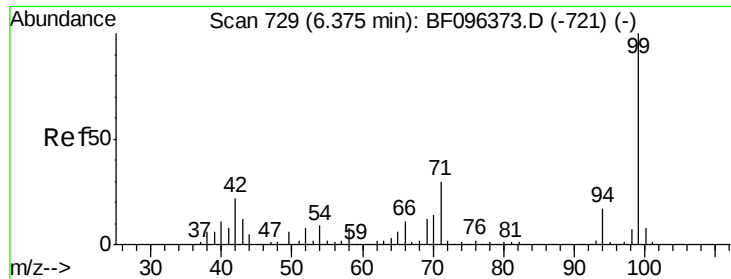
2-Fluorophenol
Concen: 108.53 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	33.6	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: 107.96 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096608.D

Acq: 10 Jul 2017 18:35

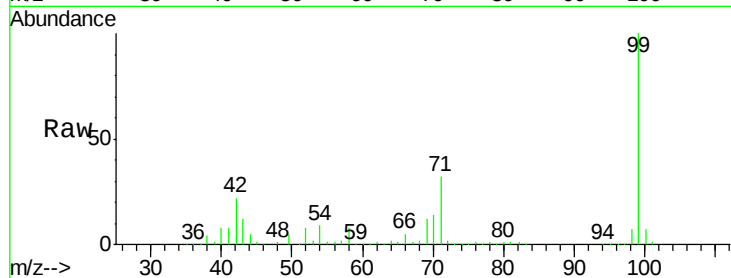
Instrument :

BNA_F

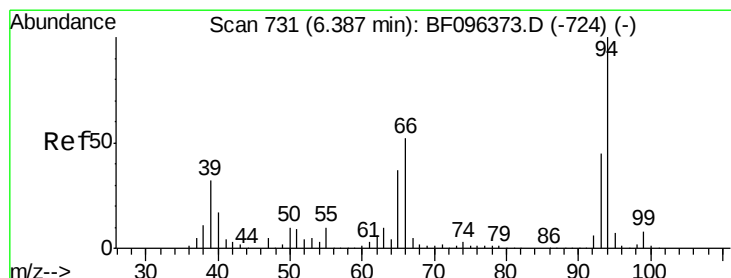
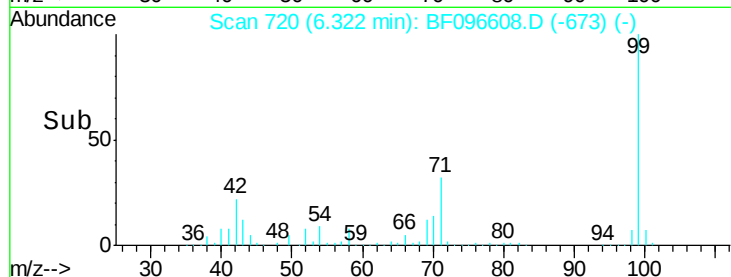
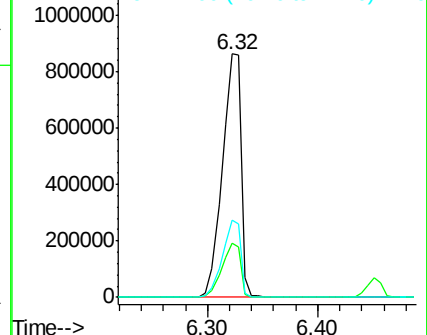
ClientSampleId :

Tot Ion: 99 Resp: 1013001

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.6	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: 2.25 ng

RT: 6.33 min Scan# 722

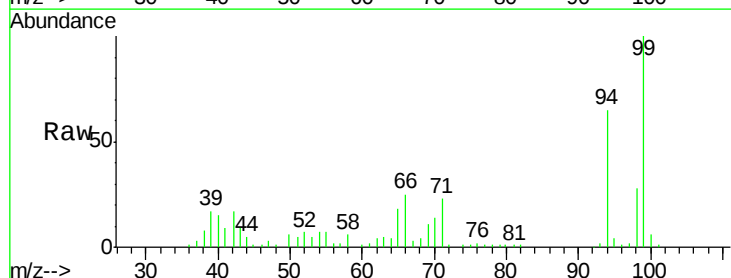
Delta R.T. -0.02 min

Lab File: BF096608.D

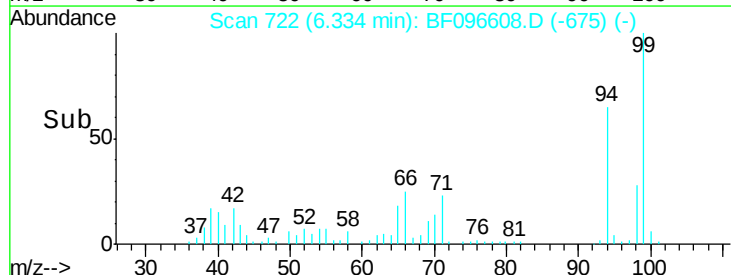
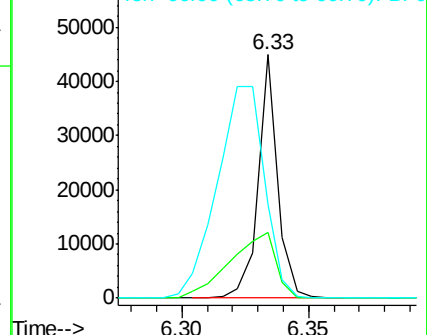
Acq: 10 Jul 2017 18:35

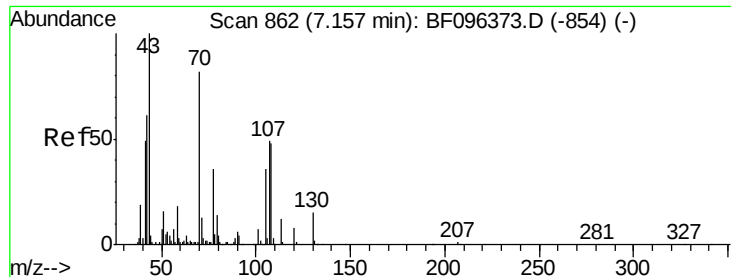
Tgt Ion: 94 Resp: 24054

Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.9	49.9
66	38.8	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

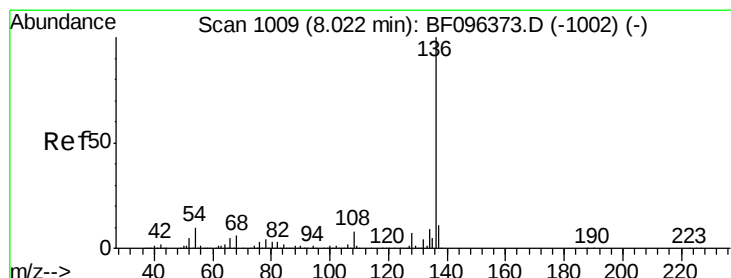
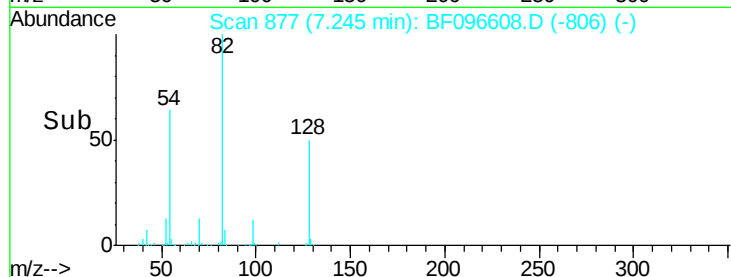
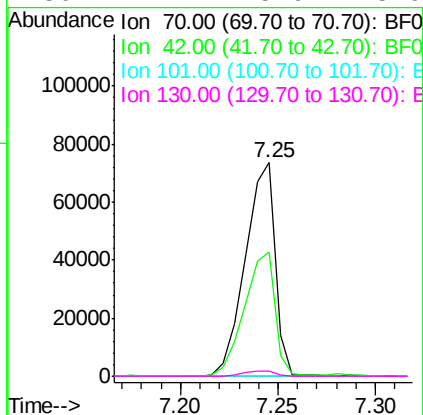
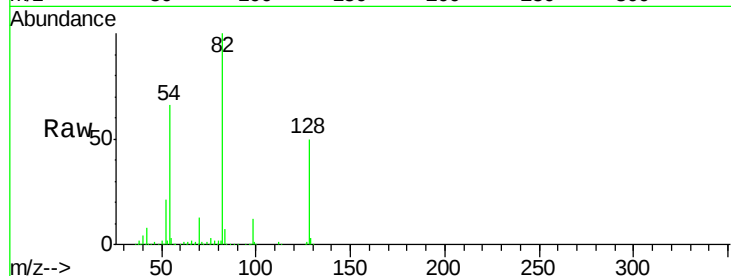




#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

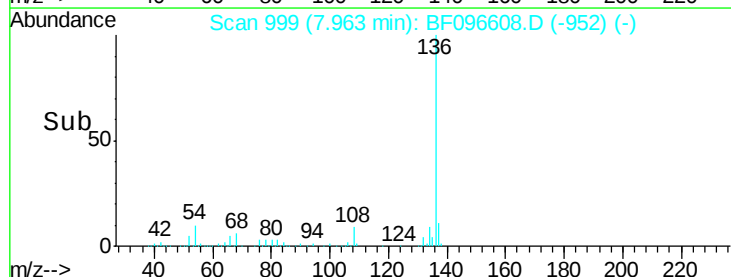
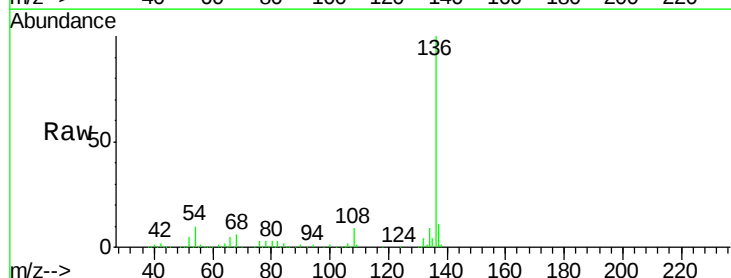
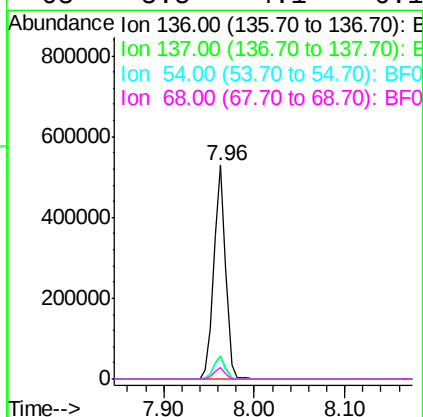
Instrument :
BNA_F
ClientSampleId :

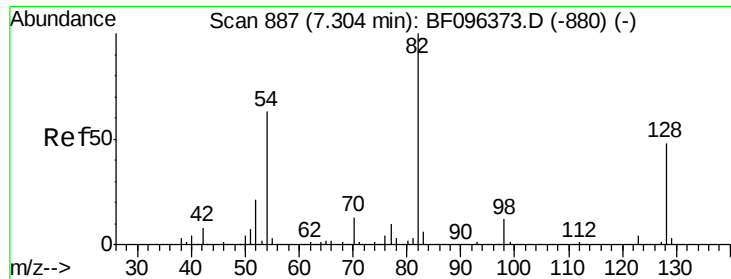
Tot Ion: 70 Resp: 78188
Ion Ratio Lower Upper
70 100
42 58.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Tgt Ion:136 Resp: 479112
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.1 4.9 7.3#
68 5.5 4.1 6.1

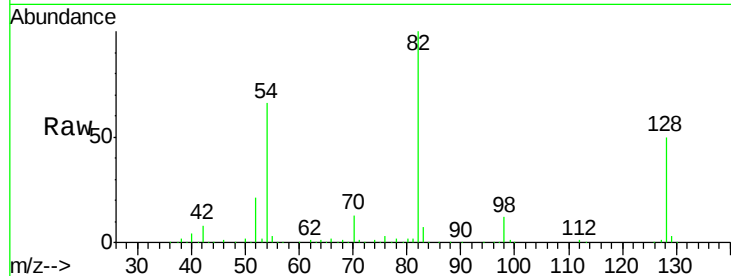




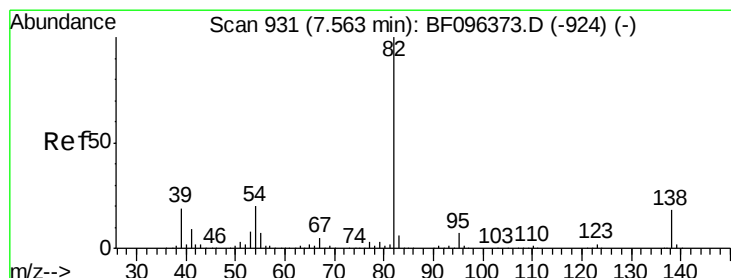
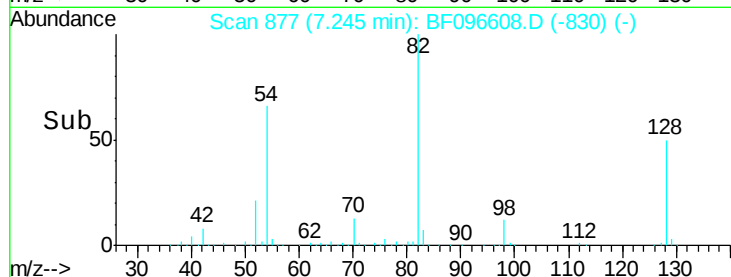
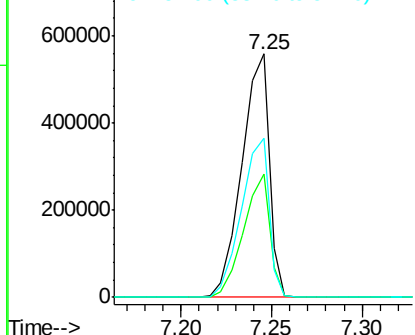
#23
 Nitrobenzene-d5
 Concen: 73.86 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	588870
Ion Ratio	Lower	Upper	
82	100		
128	50.5	34.0	51.0
54	65.6	42.2	63.2#

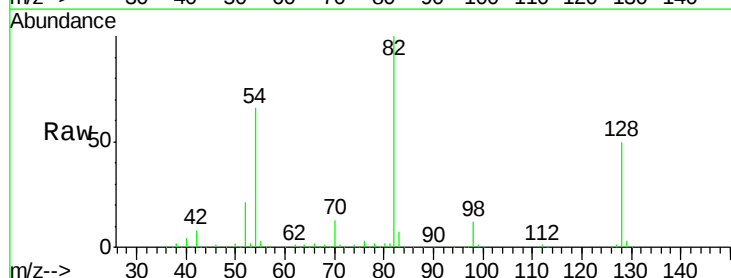


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

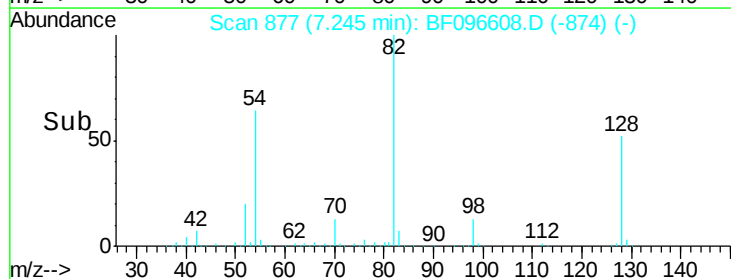
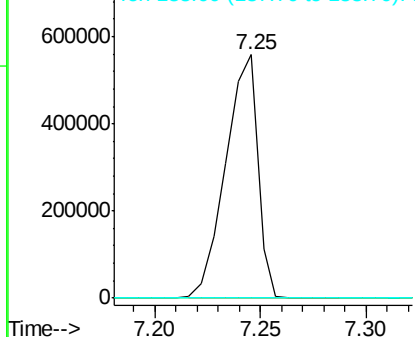


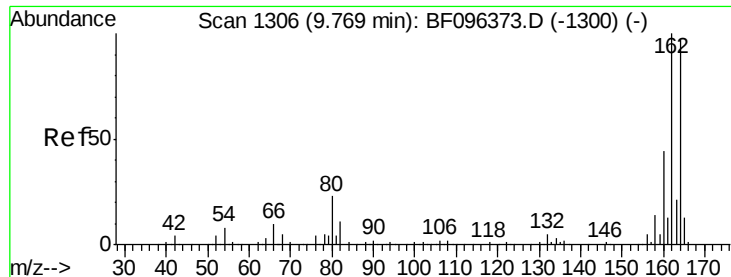
#25
 Isophorone
 Concen: 37.85 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.28 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Tgt Ion	82	Resp	585137
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF096608.D

Acq: 10 Jul 2017 18:35

Instrument :

BNA_F

ClientSampleId :

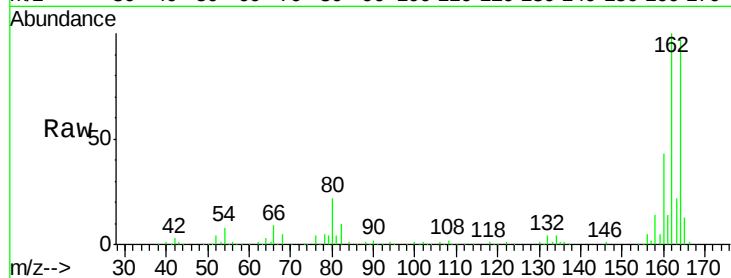
Tot Ion:164 Resp: 219110

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

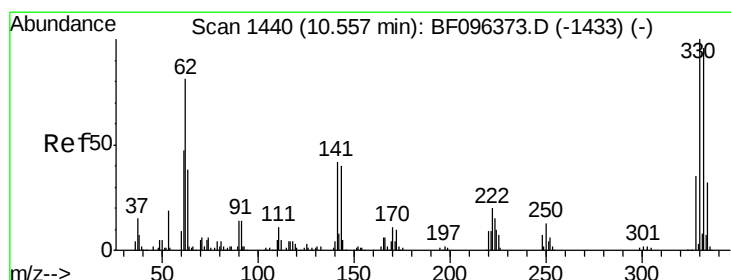
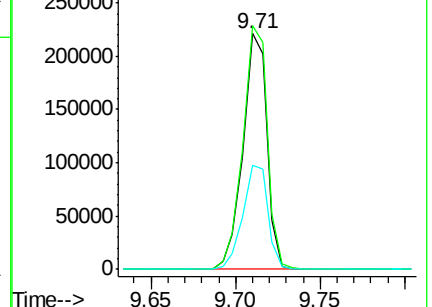
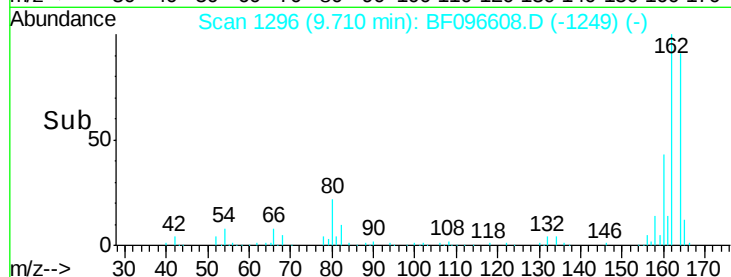
160 44.1 36.2 54.2



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: 122.69 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF096608.D

Acq: 10 Jul 2017 18:35

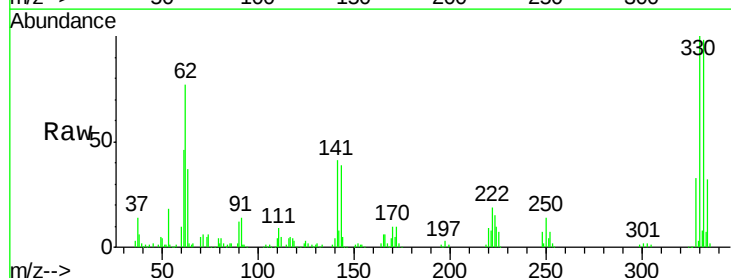
Tgt Ion:330 Resp: 209984

Ion Ratio Lower Upper

330 100

332 98.6 76.6 115.0

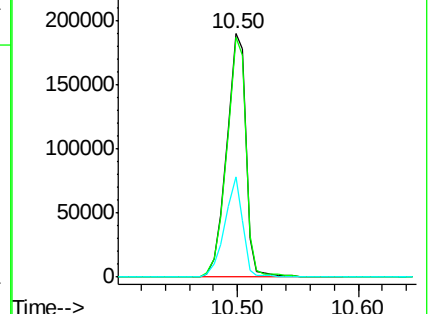
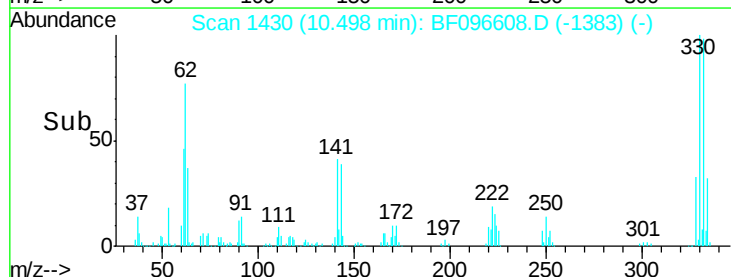
141 38.4 31.4 47.2

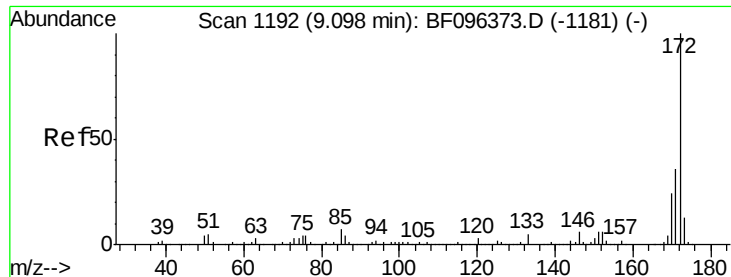


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



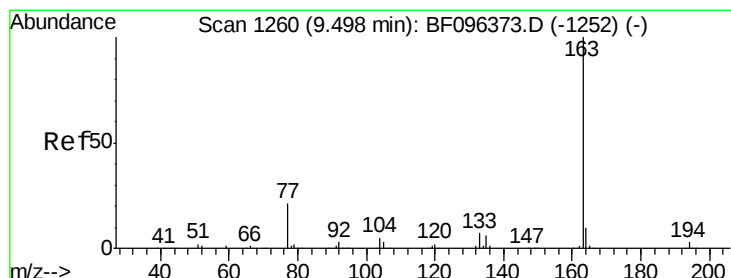
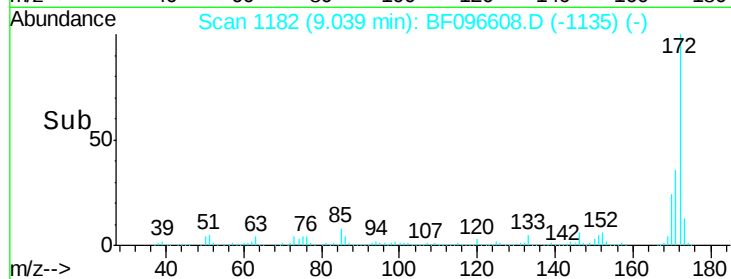
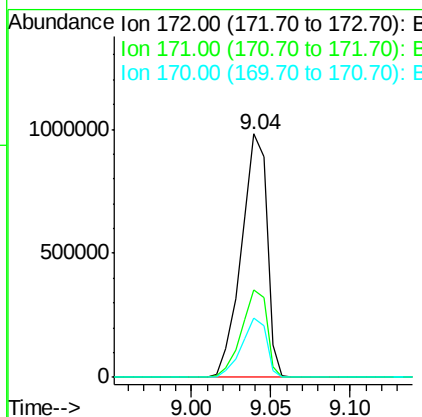
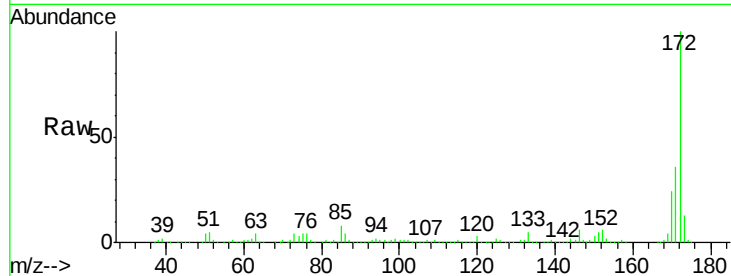


#44
 2-Fluorobiphenyl
 Concen: 85.78 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1099282

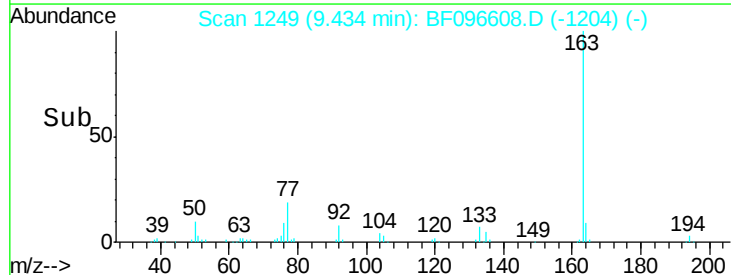
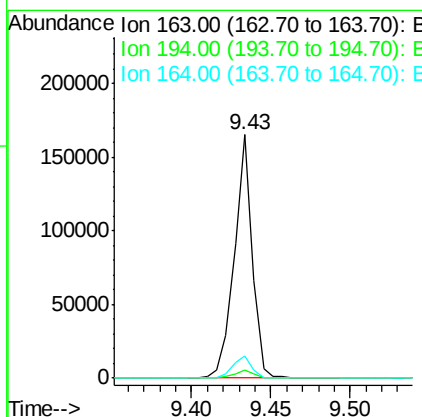
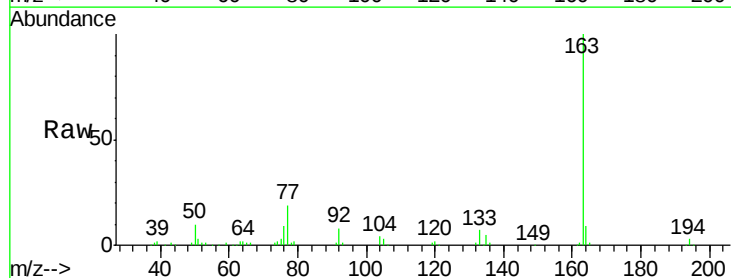
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

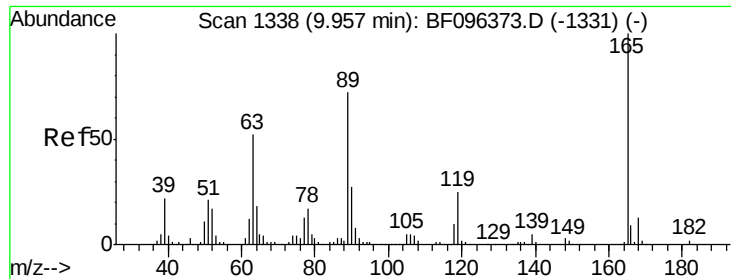


#49
 Dimethylphthalate
 Concen: 7.94 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Tgt Ion:163 Resp: 129858

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.3	8.4	12.6

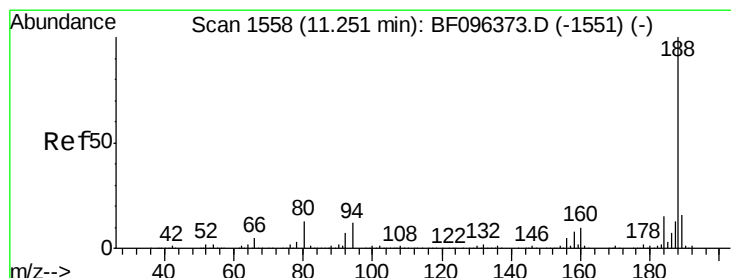
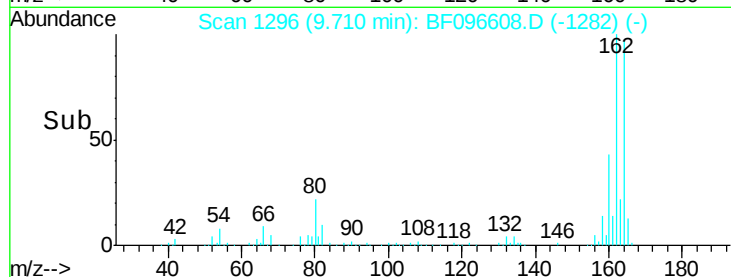
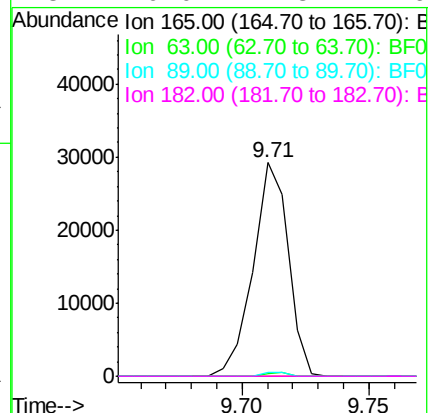
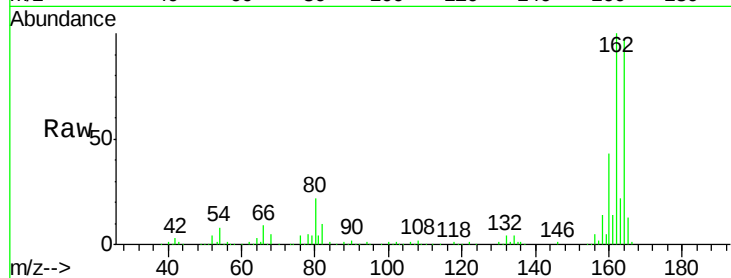




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

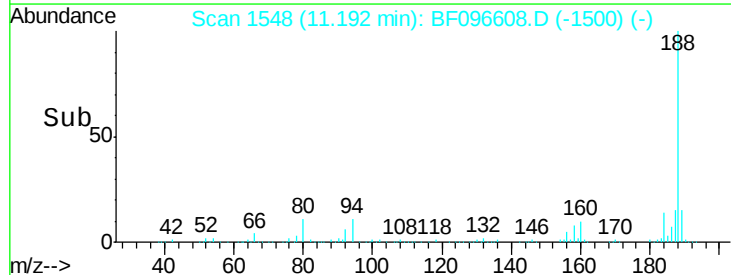
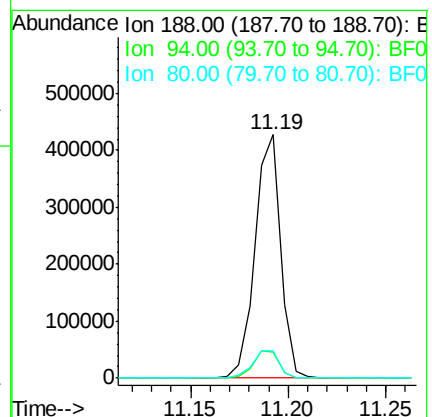
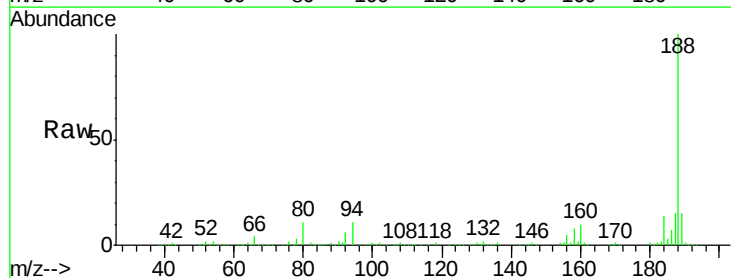
Instrument :
 BNA_F
 ClientSampleId :

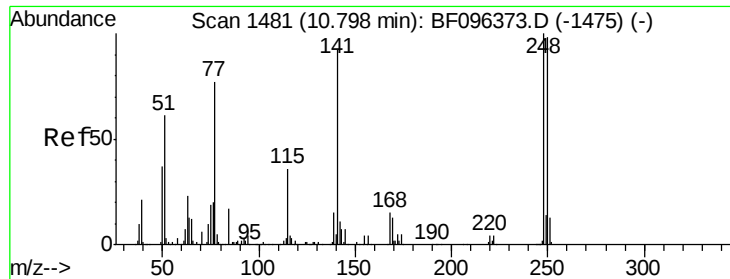
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.1	10.2	15.2

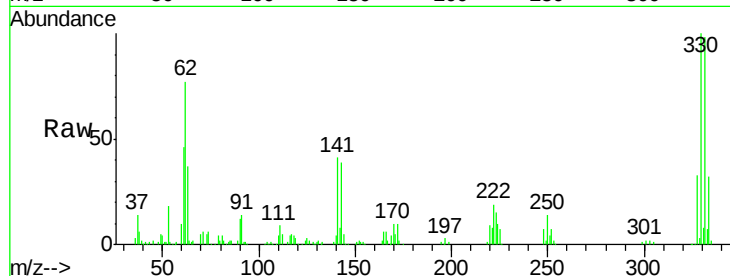




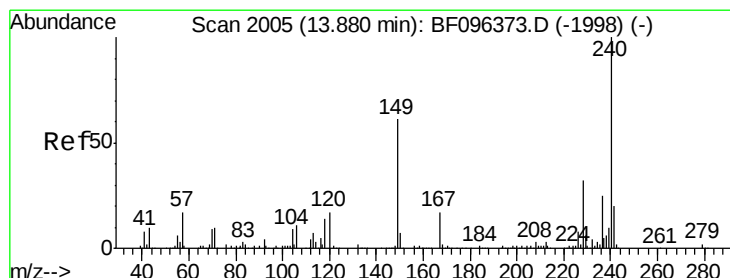
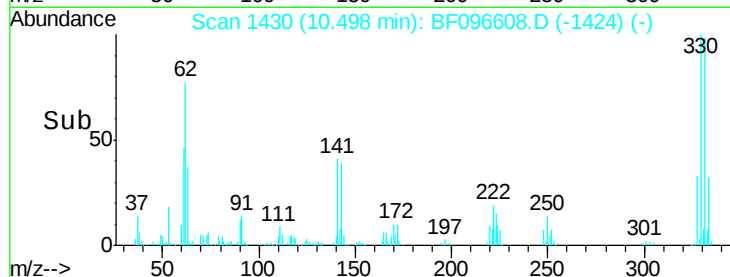
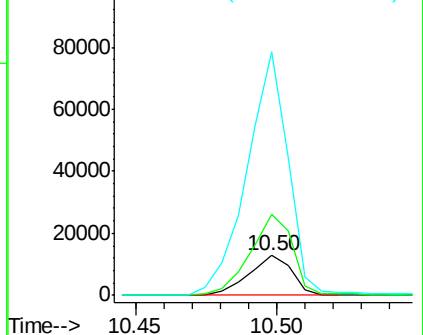
#66
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13503
Ion Ratio Lower Upper
248 100
250 201.1 76.8 115.2#
141 608.6 68.6 103.0#

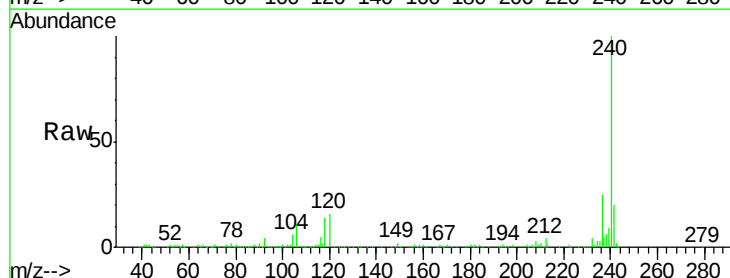


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

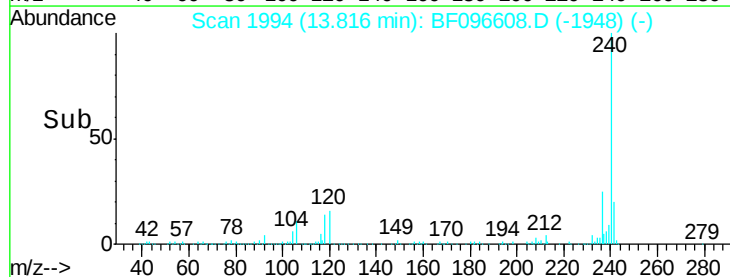
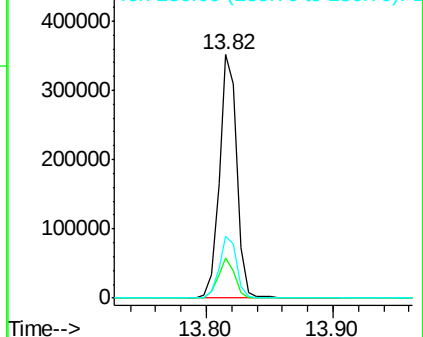


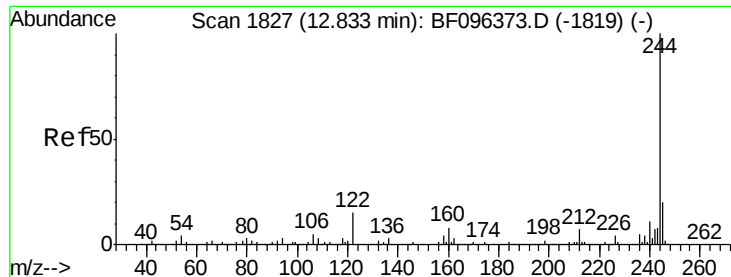
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096608.D
Acq: 10 Jul 2017 18:35

Tgt Ion:240 Resp: 337091
Ion Ratio Lower Upper
240 100
120 16.4 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

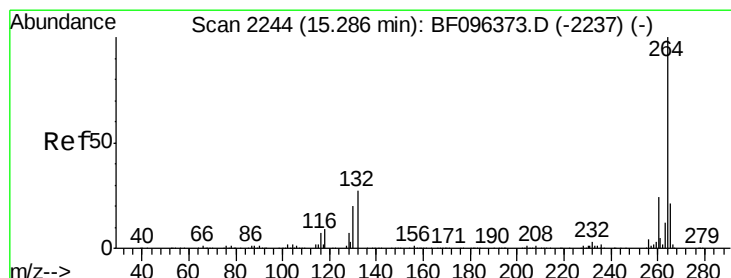
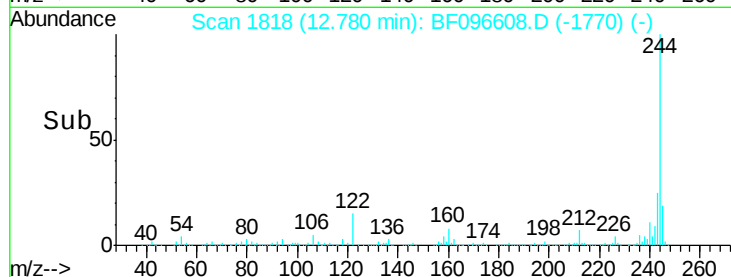
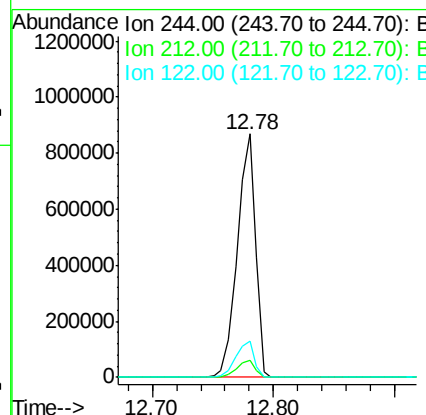
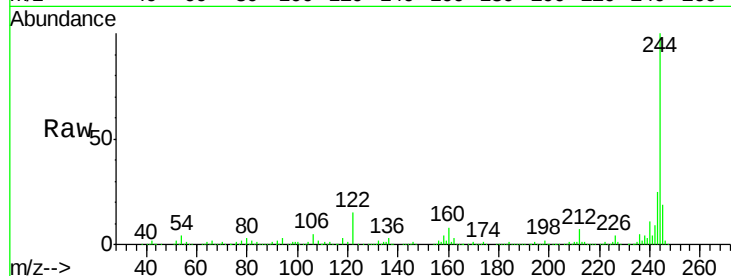




#78
 Terphenyl-d14
 Concen: 57.99 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096608.D
 Acq: 10 Jul 2017 18:35

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 914848
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.7 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: BF096608.D
 Acq: 10 Jul 2017 18:35

Tgt Ion:264 Resp: 226369
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 17.2 25.8

