

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098619.D
 Acq On : 18 Sep 2017 23:17
 Operator : SJ/JU
 Sample : I5260-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:41:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

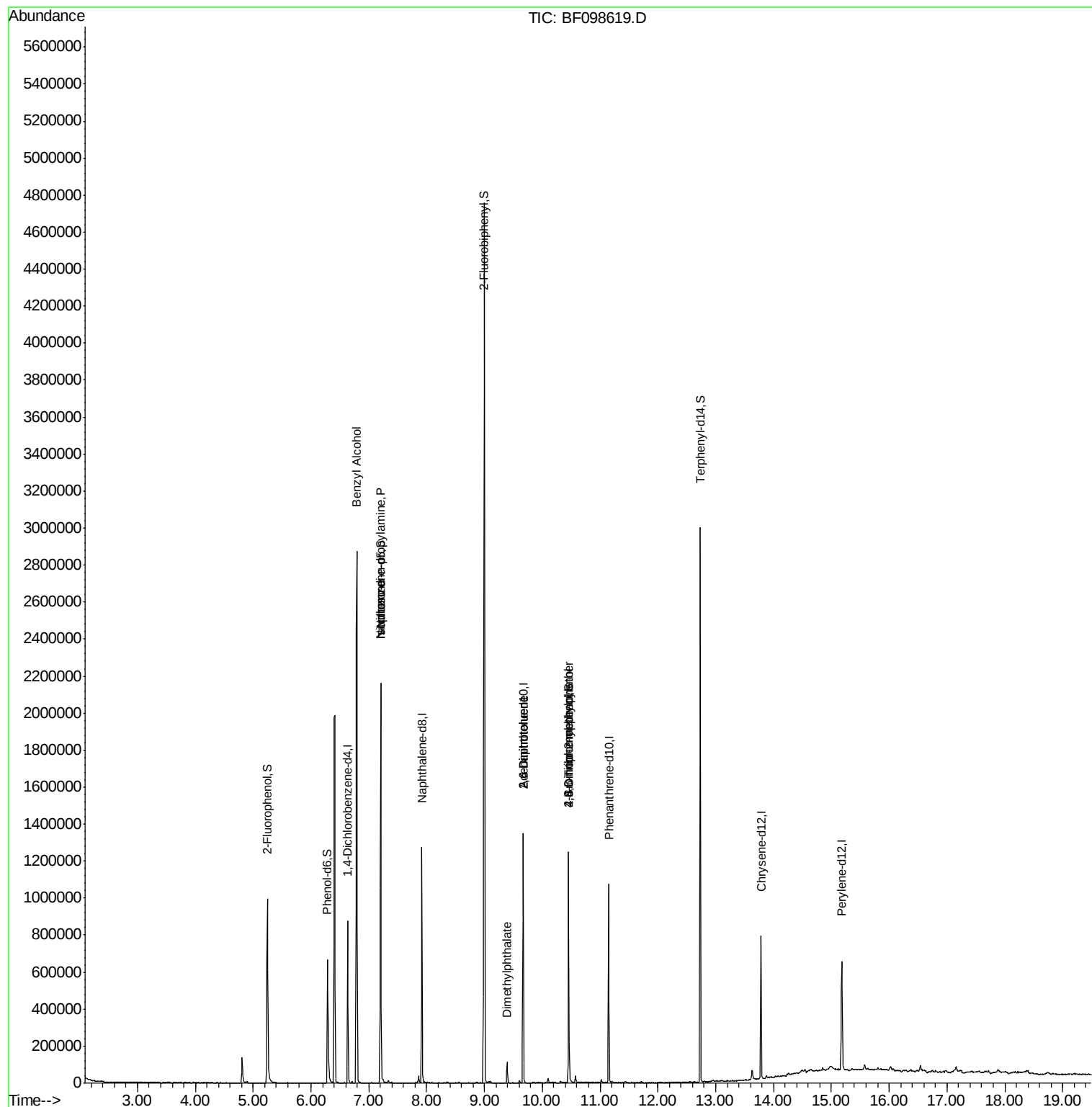
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	113333	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	574366	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	239450	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	360434	20.00	ng	0.00
75) Chrysene-d12	13.79	240	259584	20.00	ng	0.00
86) Perylene-d12	15.18	264	234856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	289762	37.80	ng	0.00
7) Phenol-d6	6.29	99	231933	23.83	ng	0.00
23) Nitrobenzene-d5	7.21	82	713680	69.27	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	126059	78.88	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1469242	104.00	ng	0.00
78) Terphenyl-d14	12.73	244	883861	73.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.79	79	13020	2.010	ng	# 28
19) n-Nitroso-di-n-propylamine	7.21	70	95790	15.647	ng	# 81
25) Isophorone	7.21	82	713671	34.237	ng	# 67
49) Dimethylphthalate	9.39	163	42019	2.267	ng	# 99
50) 2,6-Dinitrotoluene	9.67	165	29711	7.804	ng	# 34
56) 2,4-Dinitrotoluene	9.67	165	29711	6.419	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.46	198	232	5.058	ng	# 1
66) 4-Bromophenyl-phenylether	10.46	248	10107	2.955	ng	# 1

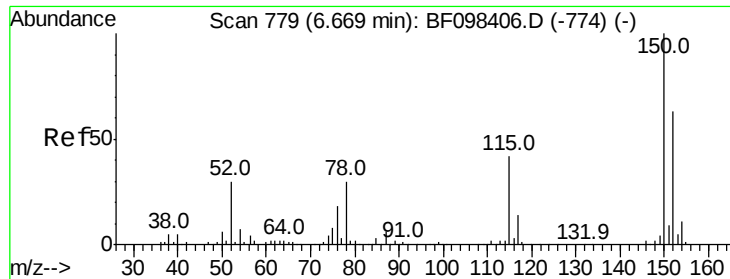
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098619.D
Acq On : 18 Sep 2017 23:17
Operator : SJ/JU
Sample : I5260-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 19 05:41:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration



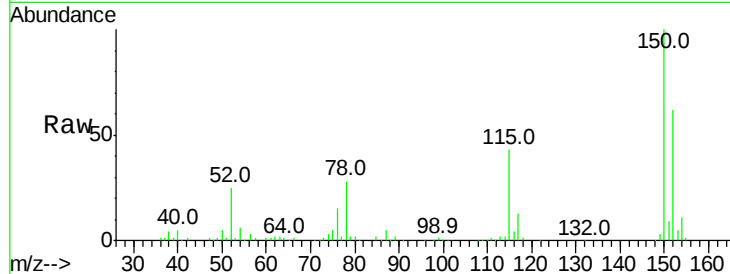


#1

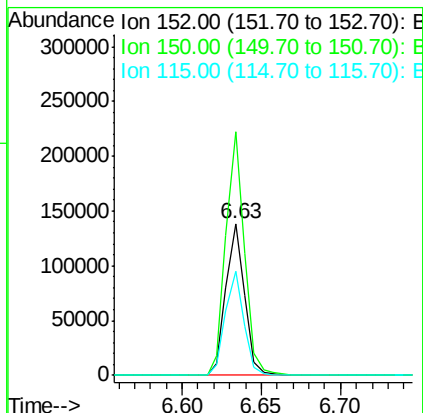
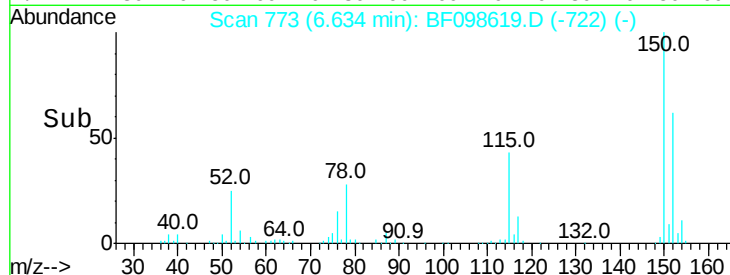
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098619.D
Acq: 18 Sep 2017 23:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113333
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 68.7 52.2 78.2



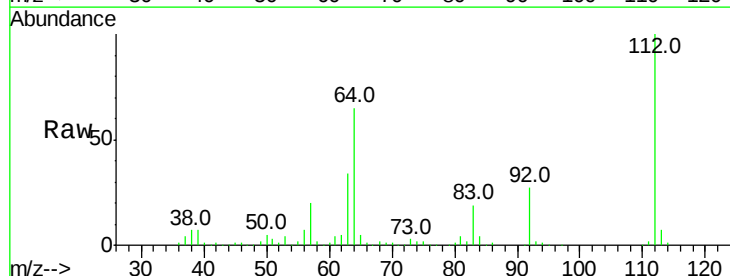
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



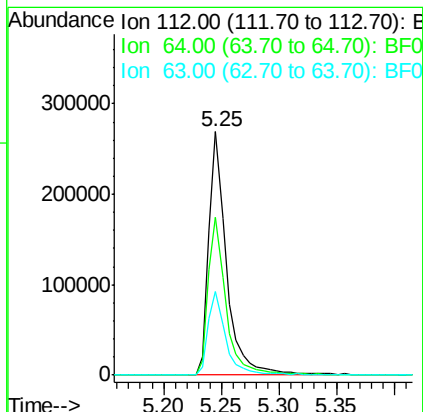
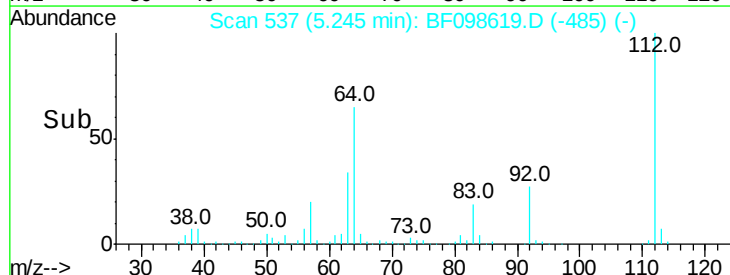
#5

2-Fluorophenol
Concen: 37.802 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098619.D
Acq: 18 Sep 2017 23:17

Tgt Ion:112 Resp: 289762
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 34.3 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: 23.831 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098619.D

Acq: 18 Sep 2017 23:17

Instrument :

BNA_F

ClientSampled :

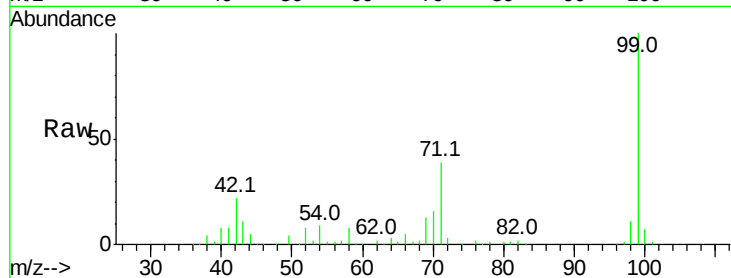
Tot Ion: 99 Resp: 231933

Ion Ratio Lower Upper

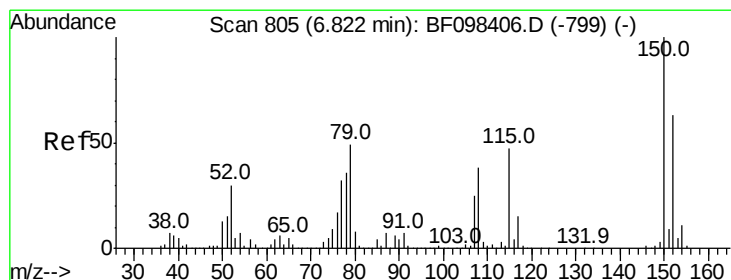
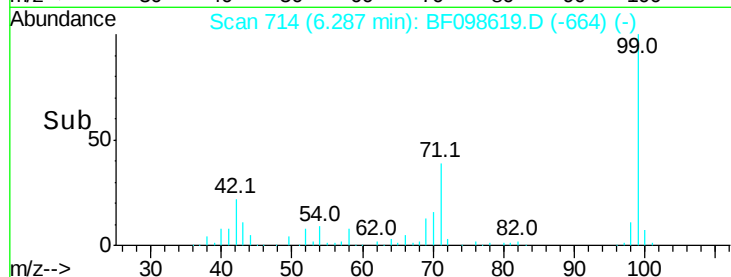
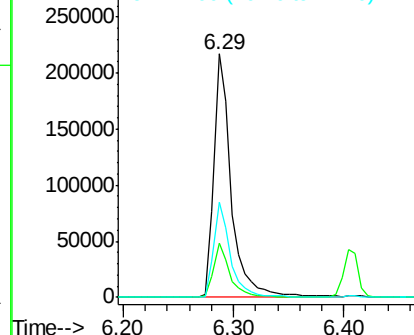
99 100

42 22.1 13.5 20.3#

71 39.0 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: 2.010 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF098619.D

Acq: 18 Sep 2017 23:17

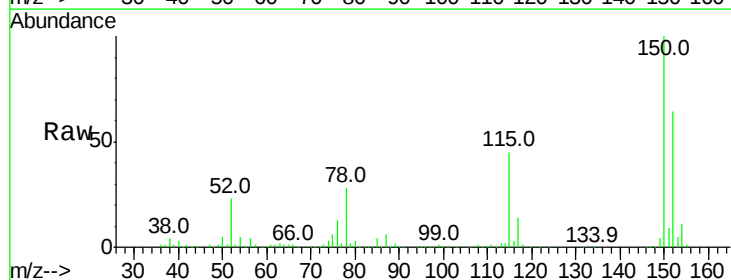
Tgt Ion: 79 Resp: 13020

Ion Ratio Lower Upper

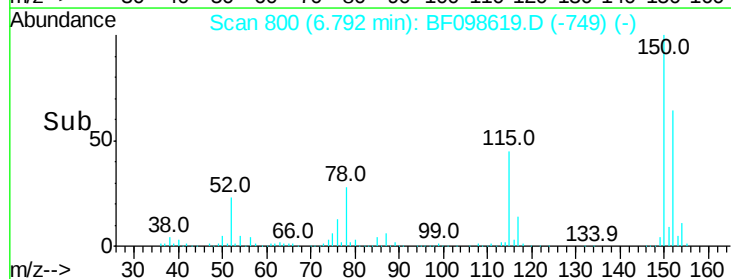
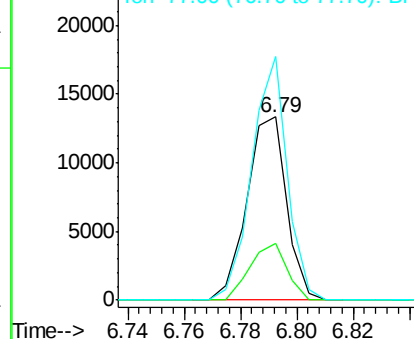
79 100

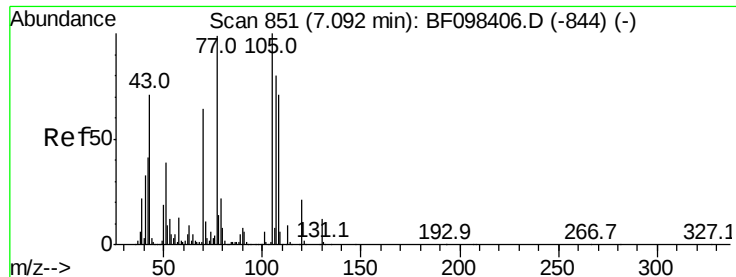
108 31.4 63.4 95.0#

77 133.1 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





#19

n-Nitroso-di-n-propylamine

Concen: 15.647 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.15 min

Lab File: BF098619.D

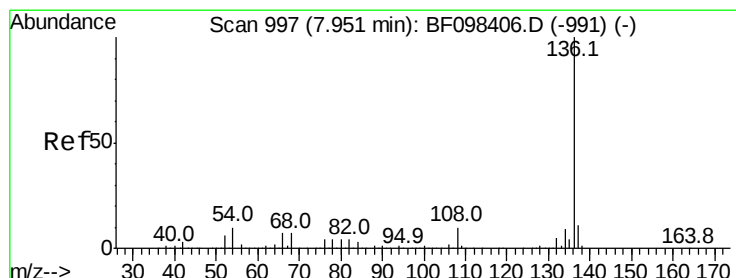
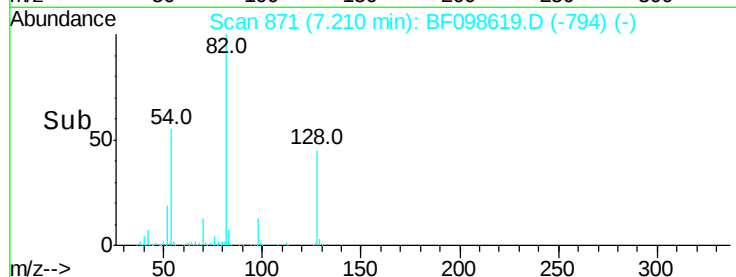
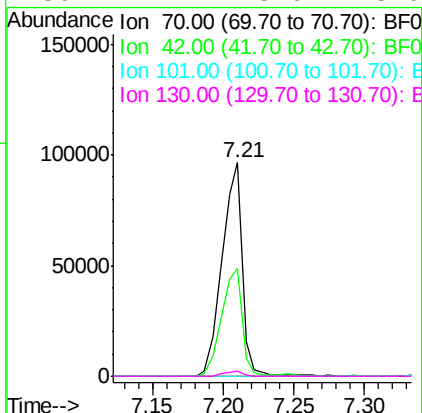
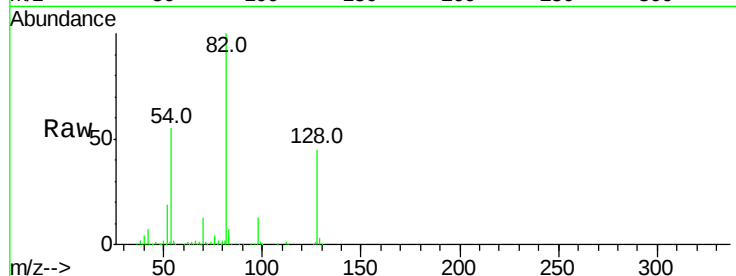
Acq: 18 Sep 2017 23:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	95790
Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

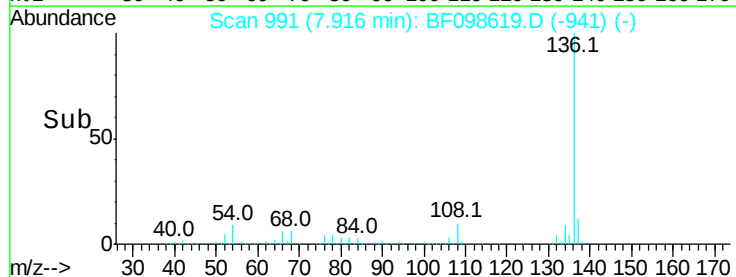
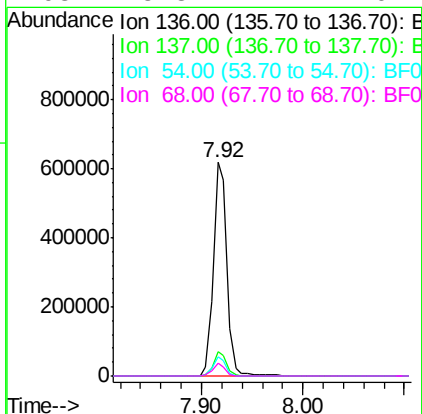
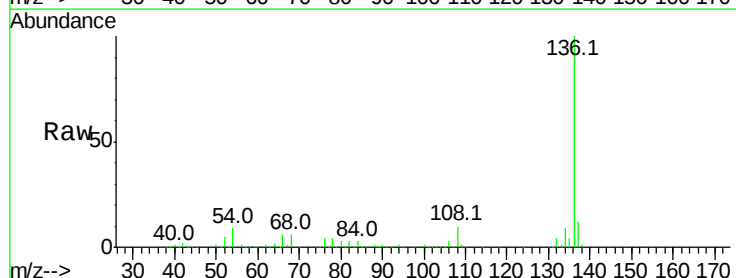
RT: 7.92 min Scan# 991

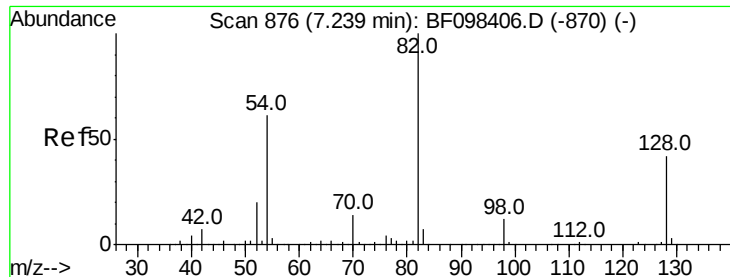
Delta R.T. -0.01 min

Lab File: BF098619.D

Acq: 18 Sep 2017 23:17

Tgt Ion:	136	Resp:	574366
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	9.3	4.9	7.3#
68	5.8	4.1	6.1

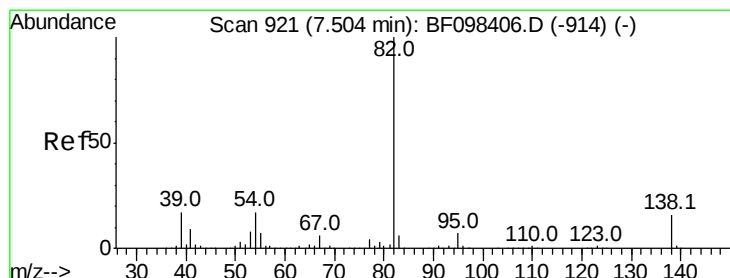
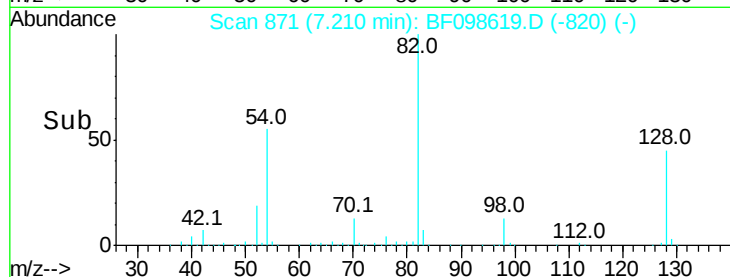
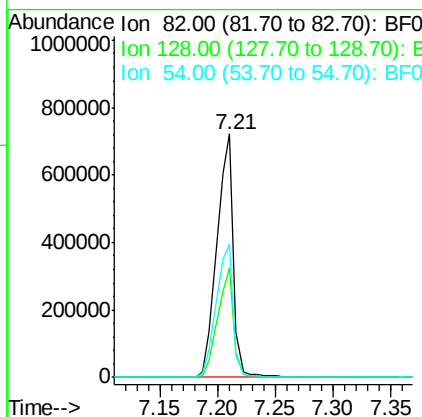
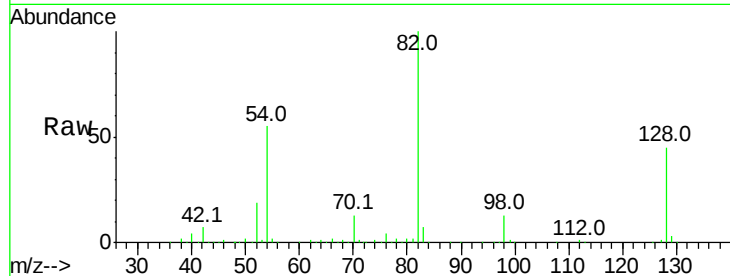




#23
 Nitrobenzene-d5
 Concen: 69.272 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

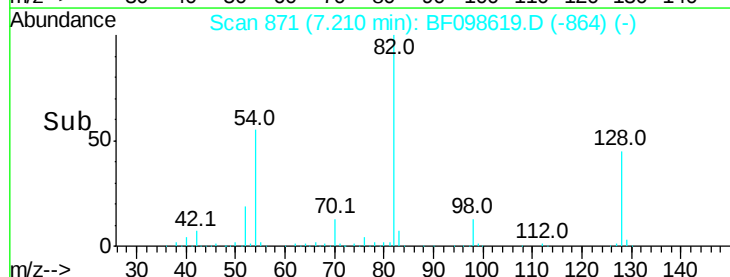
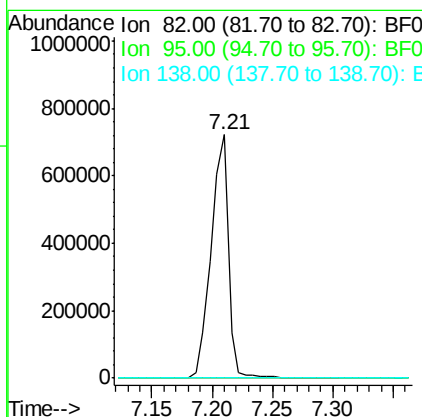
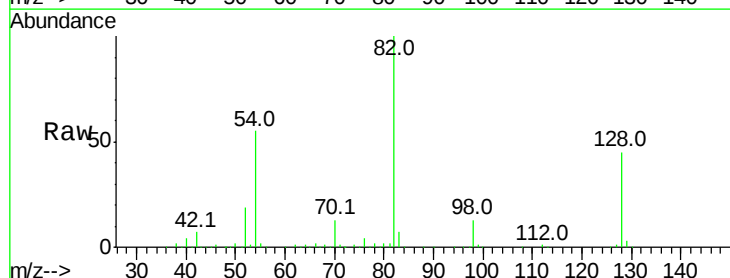
Instrument :
 BNA_F
 ClientSampleID :

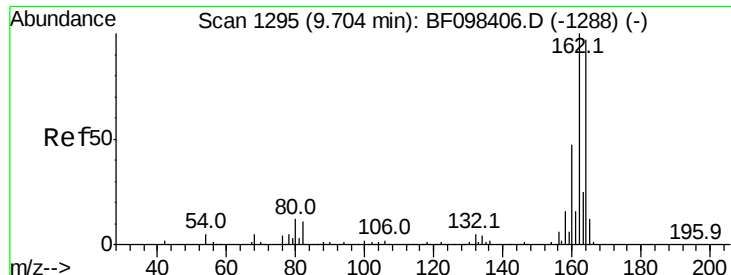
Tot Ion: 82 Resp: 713680
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.0 51.0
 54 54.8 42.2 63.2



#25
 Isophorone
 Concen: 34.237 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.26 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Tgt Ion: 82 Resp: 713671
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

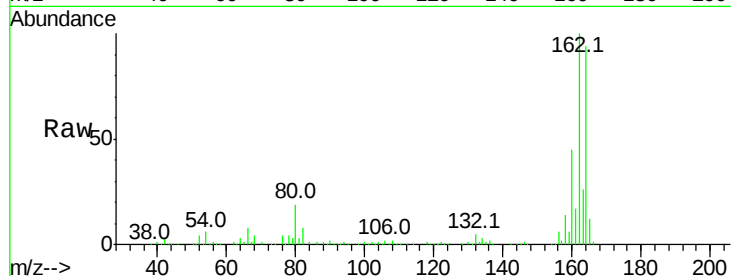




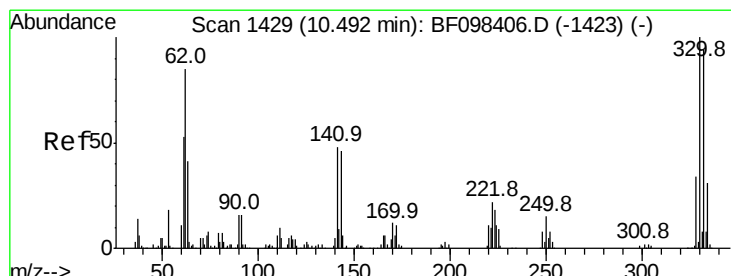
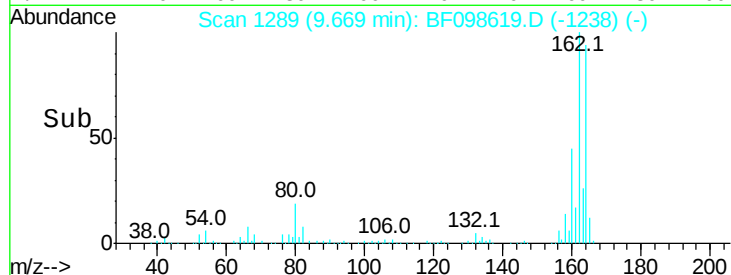
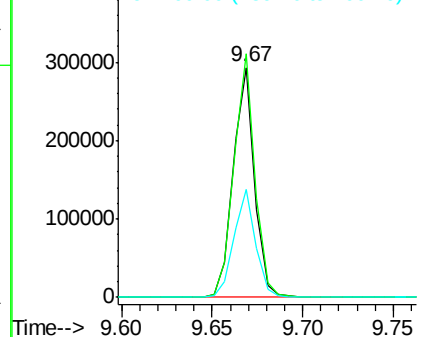
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098619.D
Acq: 18 Sep 2017 23:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 239450
Ion Ratio Lower Upper
164 100
162 105.9 82.6 123.8
160 47.1 36.2 54.2

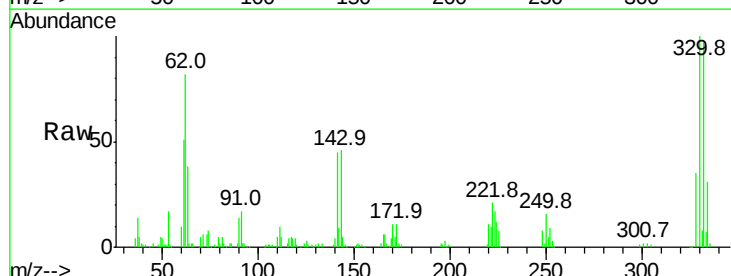


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

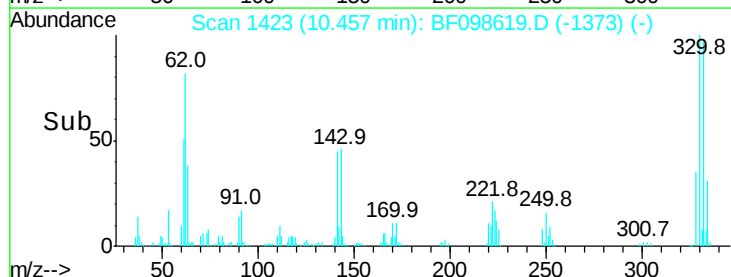
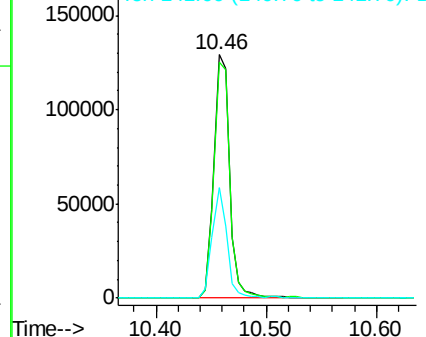


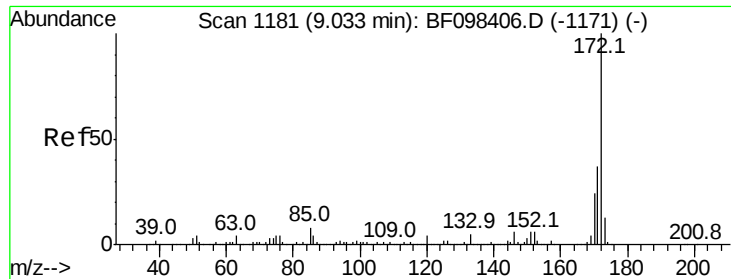
#41
2,4,6-Tribromophenol
Concen: 78.879 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098619.D
Acq: 18 Sep 2017 23:17

Tgt Ion:330 Resp: 126059
Ion Ratio Lower Upper
330 100
332 98.1 76.6 115.0
141 41.7 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: 103.999 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF098619.D

Acq: 18 Sep 2017 23:17

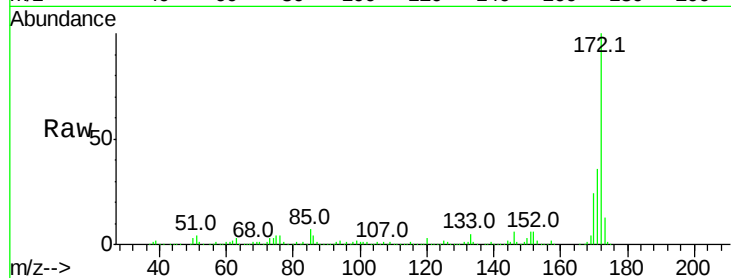
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1469242

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.6	19.8	29.8

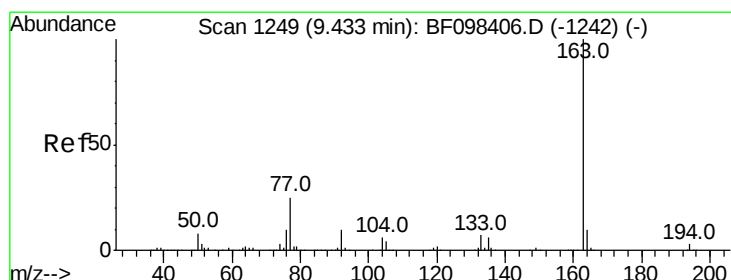
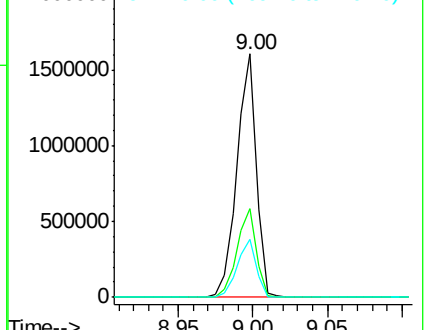
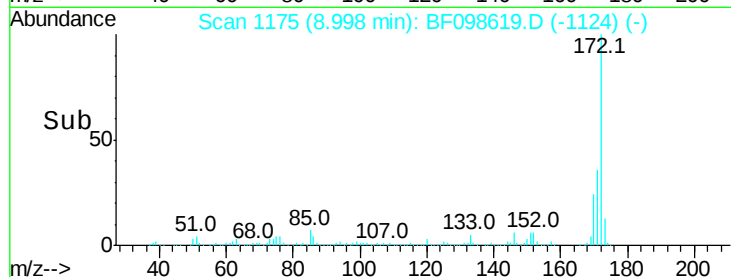


Abundance

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: 2.267 ng

RT: 9.39 min Scan# 1242

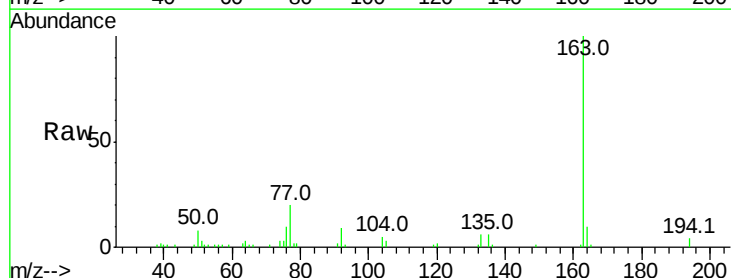
Delta R.T. -0.01 min

Lab File: BF098619.D

Acq: 18 Sep 2017 23:17

Tgt Ion:163 Resp: 42019

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

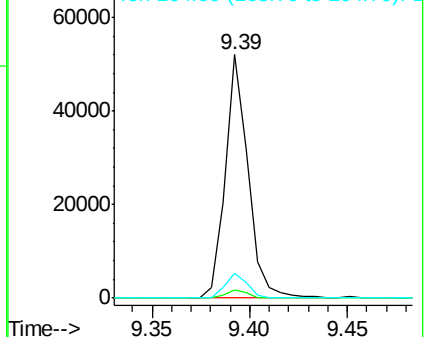
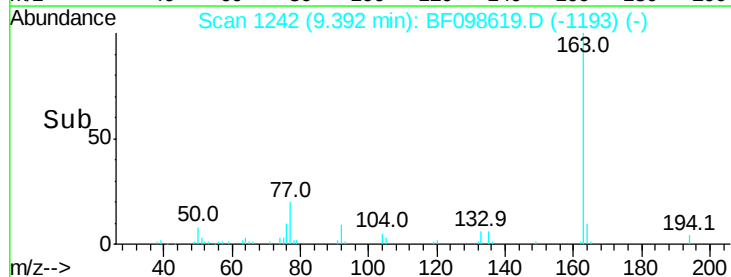


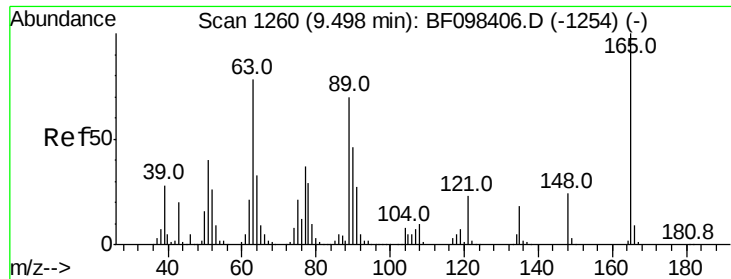
Abundance

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

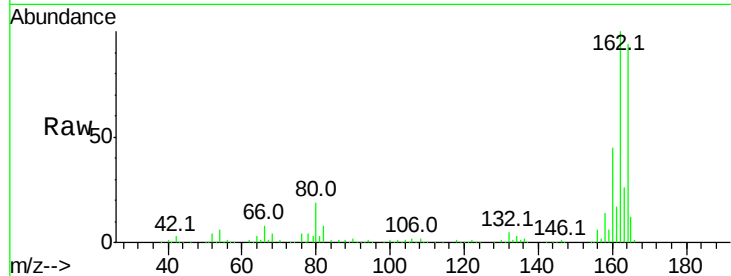




#50
 2,6-Dinitrotoluene
 Concen: 7.804 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.20 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :

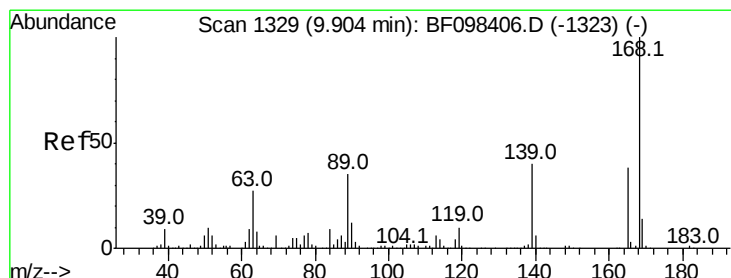
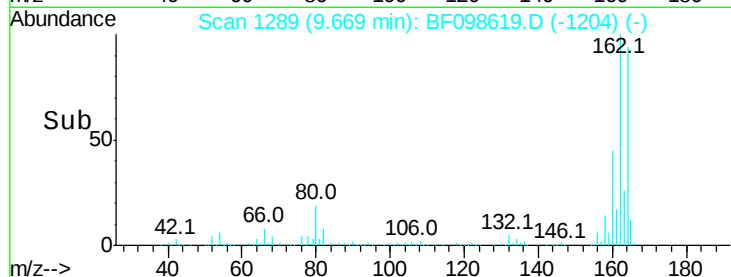
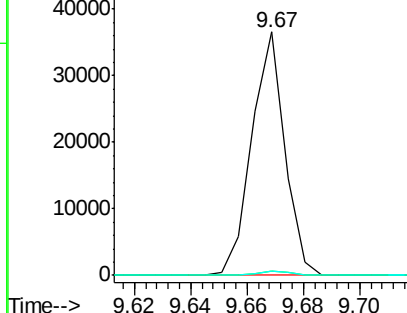
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.7	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

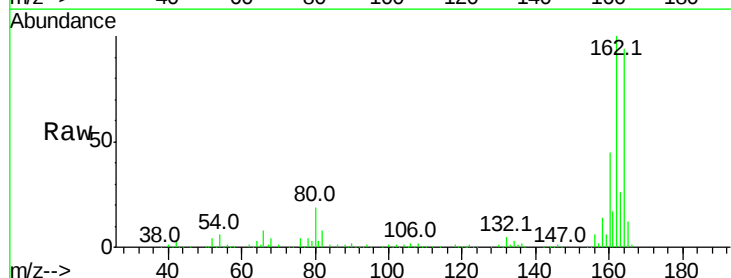
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.419 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.21 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

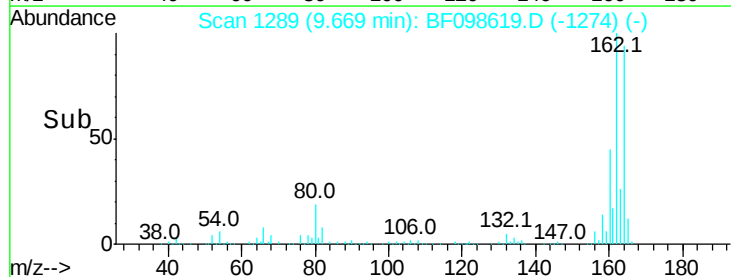
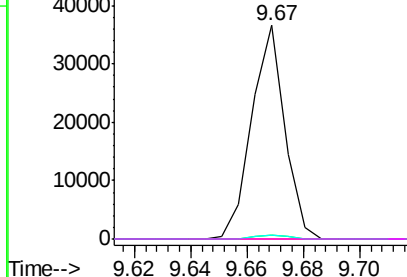


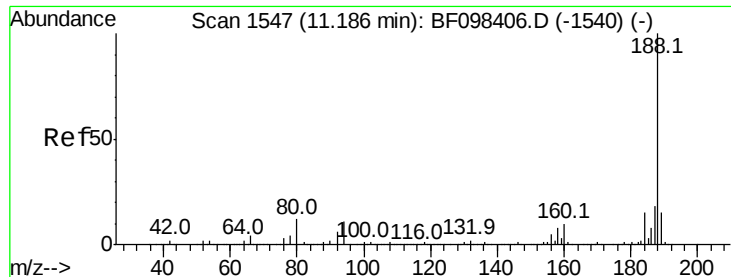
Abundance Ion 165.00 (164.70 to 165.70): E

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

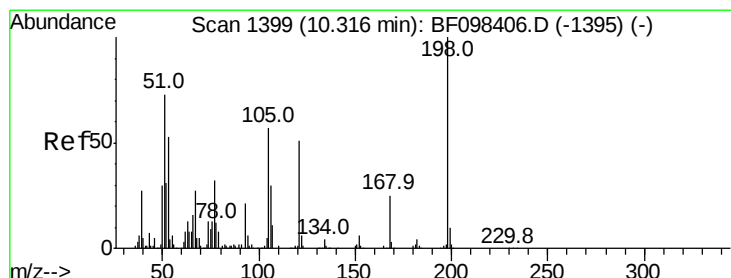
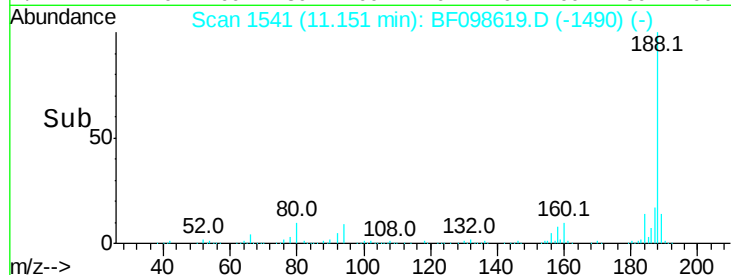
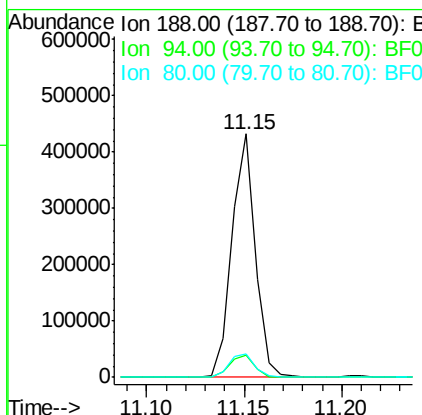
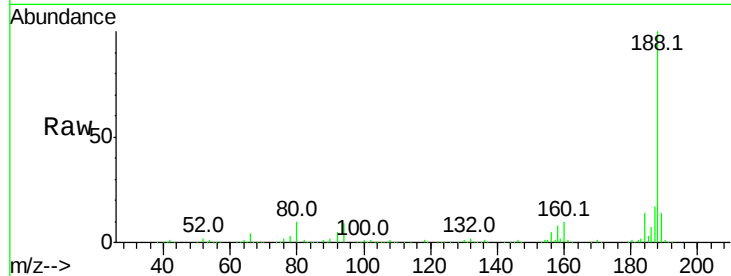




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

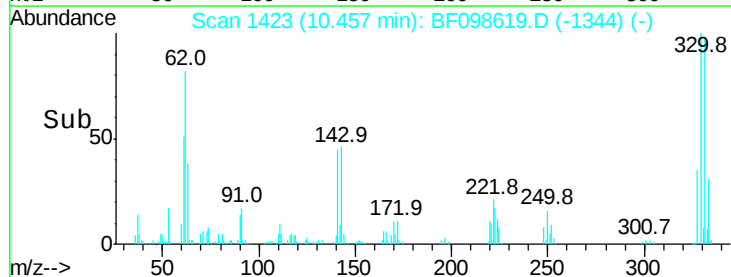
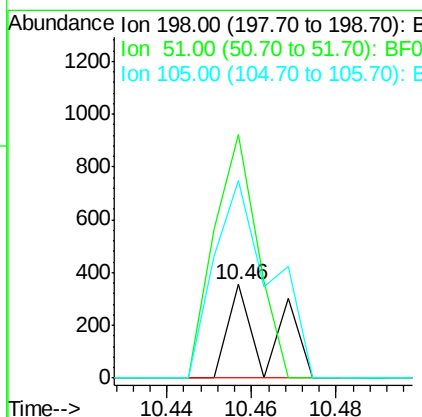
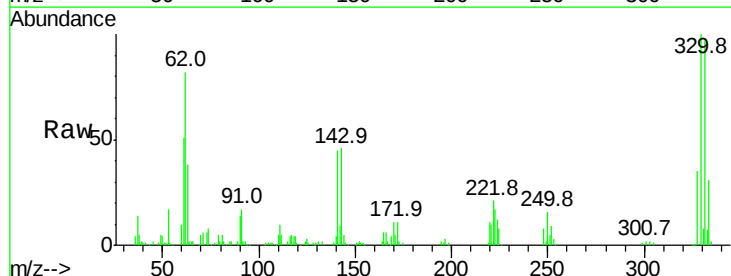
Instrument :
 BNA_F
 ClientSampleID :

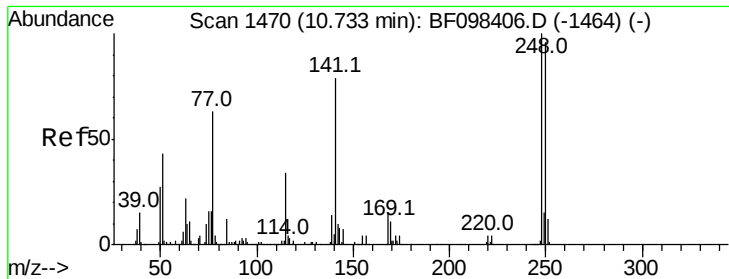
Tot Ion:188 Resp: 360434
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.4 14.2#
 80 9.8 10.2 15.2#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.058 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.16 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Tgt Ion:198 Resp: 232
 Ion Ratio Lower Upper
 198 100
 51 261.2 53.2 93.2#
 105 212.2 45.8 85.8#

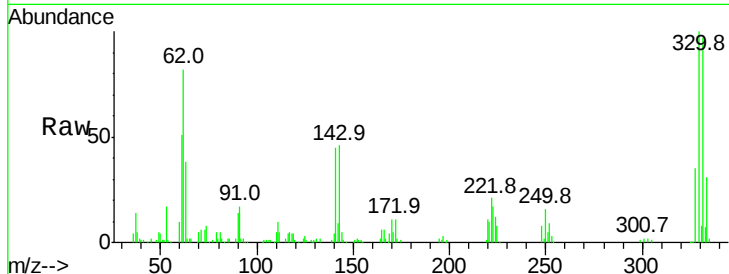




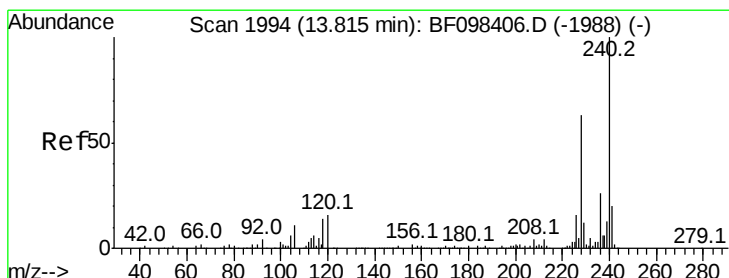
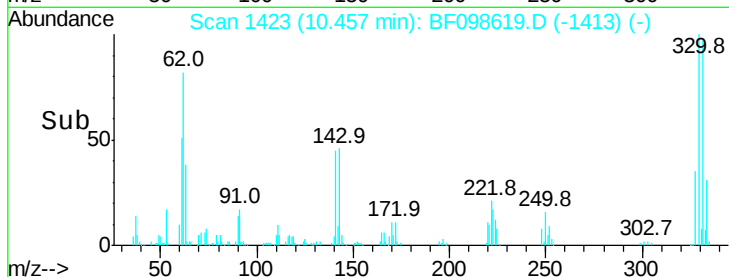
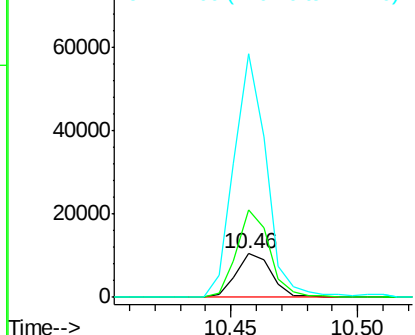
#66
 4-Bromophenyl-phenylether
 Concen: 2.955 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.24 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10107
 Ion Ratio Lower Upper
 248 100
 250 200.2 76.8 115.2#
 141 556.6 68.6 103.0#

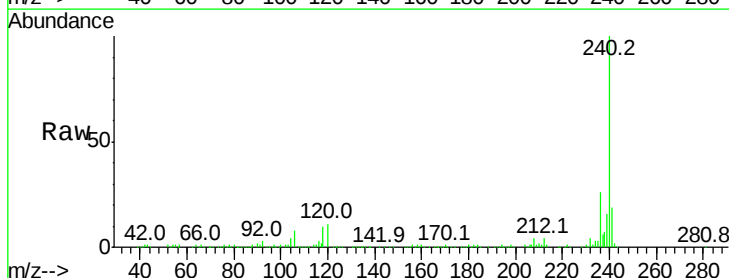


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

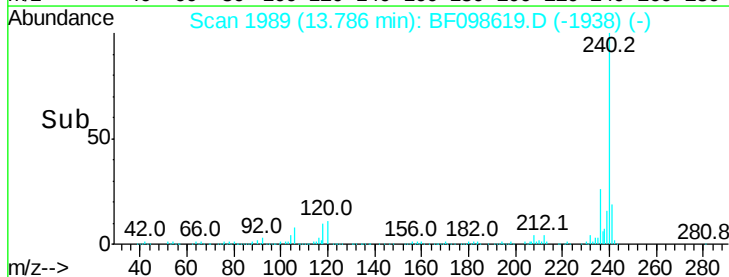
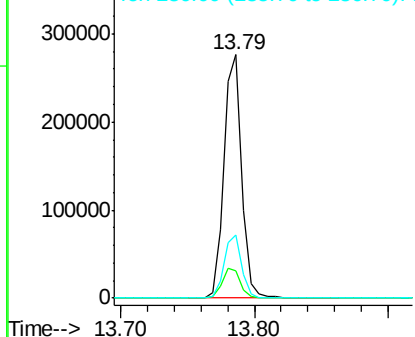


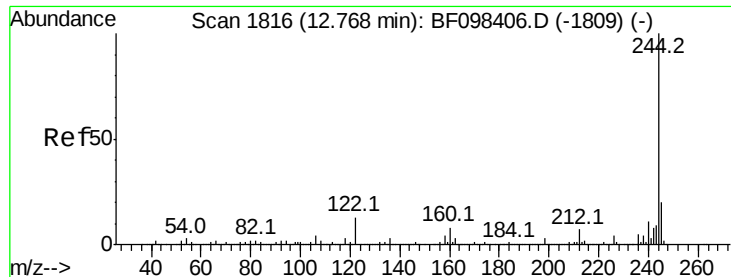
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Tgt Ion:240 Resp: 259584
 Ion Ratio Lower Upper
 240 100
 120 11.0 5.8 8.8#
 236 26.2 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

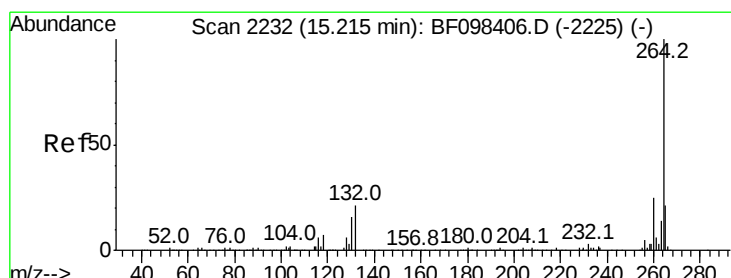
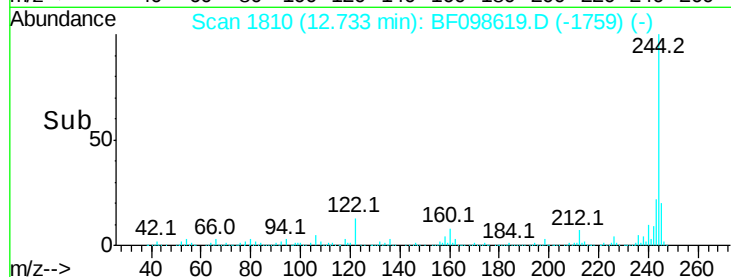
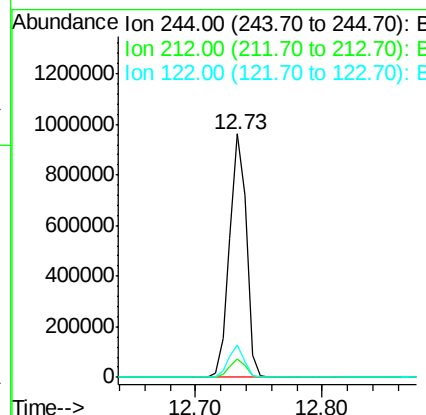
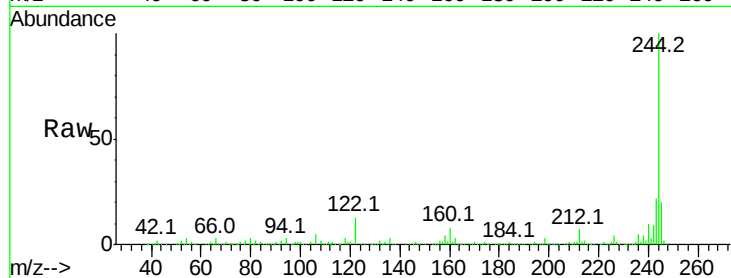




#78
 Terphenyl-d14
 Concen: 73.494 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 883861
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098619.D
 Acq: 18 Sep 2017 23:17

Tgt Ion:264 Resp: 234856
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.3 17.2 25.8

