

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112617.D
 Acq On : 19 Feb 2019 13:26
 Operator : JU/SJ
 Sample : K1513-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 16:15:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

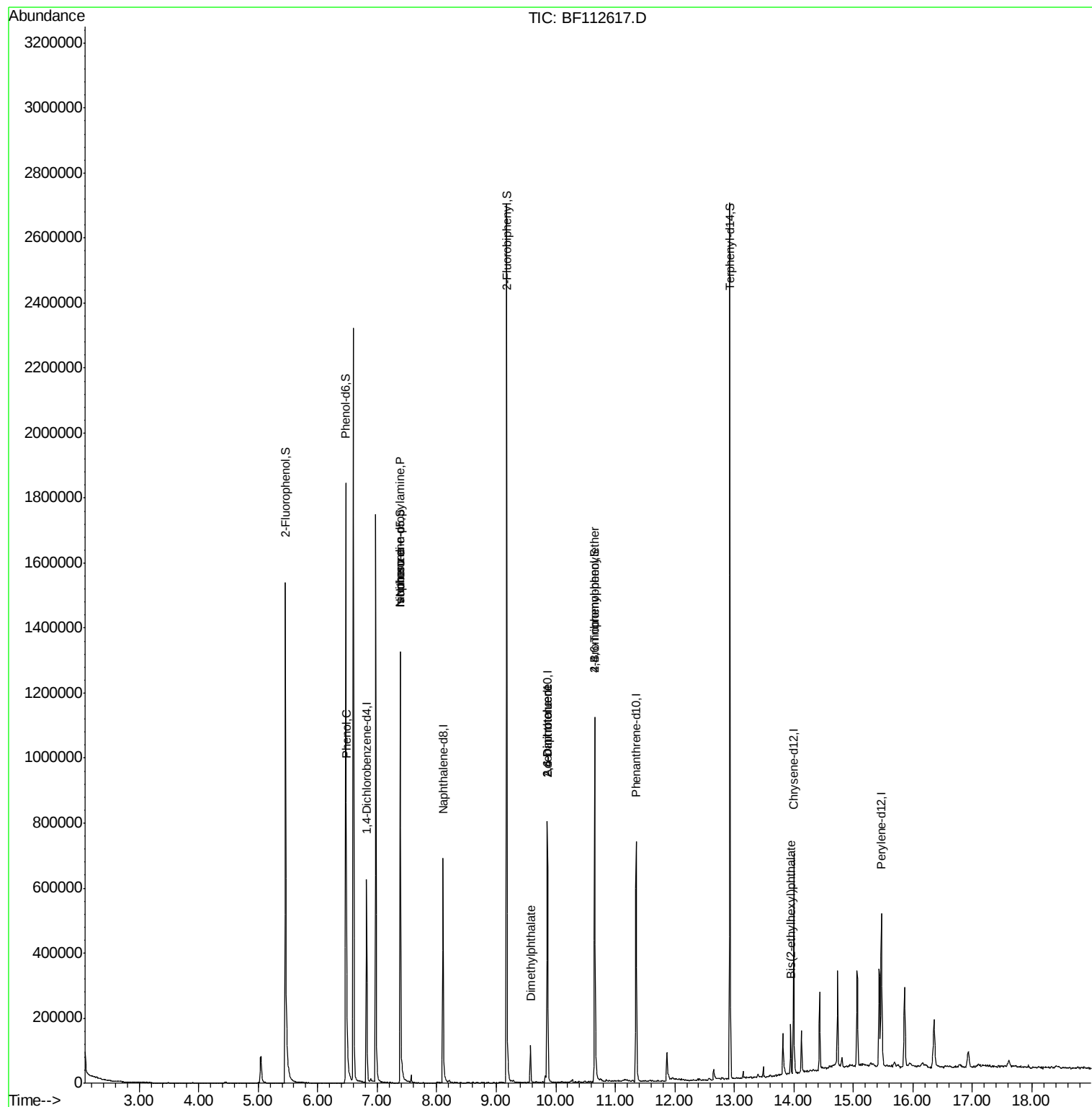
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93522	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	356735	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	167772	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	298657	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	233619	20.00	ng	-0.01
87) Perylene-d12	15.47	264	236411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	541946	123.09	ng	-0.02
7) Phenol-d6	6.47	99	675486	110.41	ng	-0.02
23) Nitrobenzene-d5	7.39	82	446599	72.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	162218	83.07	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	926395	78.10	ng	-0.02
79) Terphenyl-d14	12.93	244	864784	69.72	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	15610	2.326	ng	84
19) n-Nitroso-di-n-propylamine	7.39	70	61091	14.481	ng	# 77
25) Isophorone	7.39	82	446636	45.985	ng	# 63
50) Dimethylphthalate	9.57	163	53192	4.081	ng	98
51) 2,6-Dinitrotoluene	9.86	165	21936	7.514	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	21936	5.902	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	10256	2.920	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.95	149	48146	4.334	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112617.D
Acq On : 19 Feb 2019 13:26
Operator : JU/SJ
Sample : K1513-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 19 16:15:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



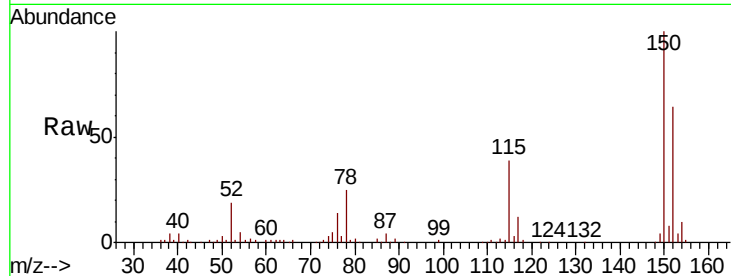


#1

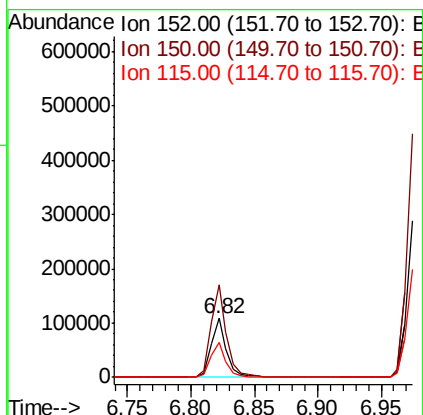
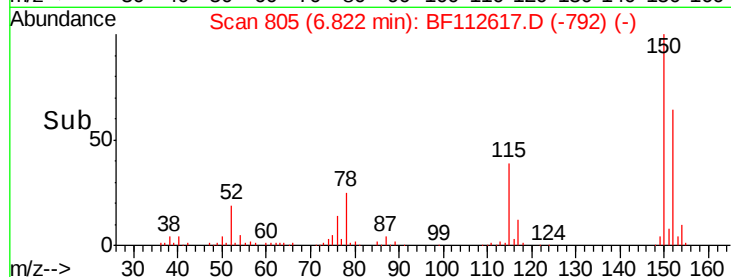
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93522
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 60.2 45.5 68.3



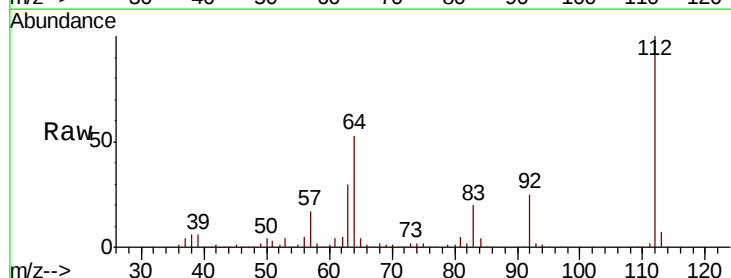
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



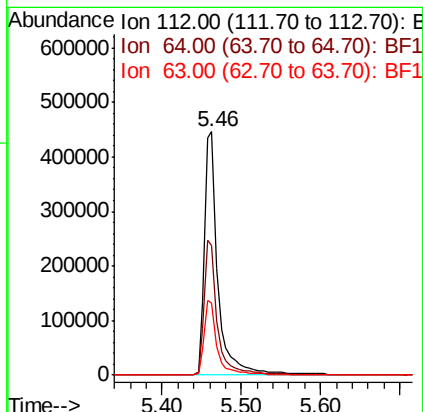
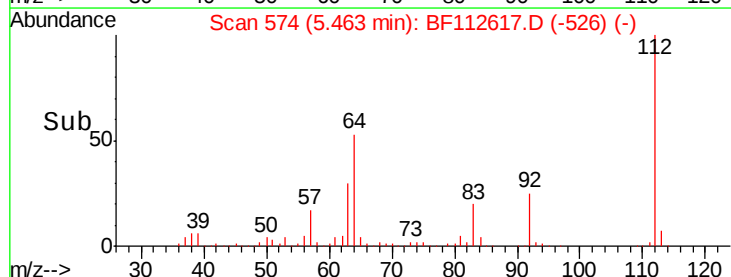
#5

2-Fluorophenol
Concen: 123.086 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

Tgt Ion:112 Resp: 541946
Ion Ratio Lower Upper
112 100
64 53.1 45.7 68.5
63 29.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 110.407 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

Instrument :

BNA_F

ClientSampleId :

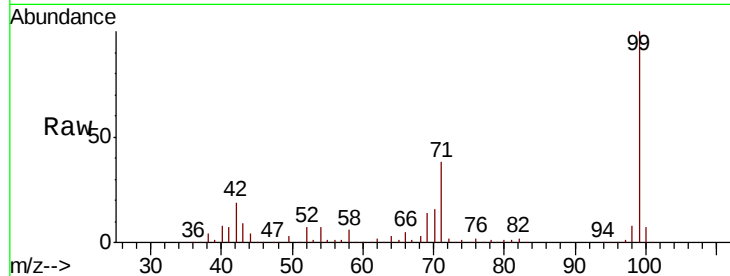
Tot Ion: 99 Resp: 675486

Ion Ratio Lower Upper

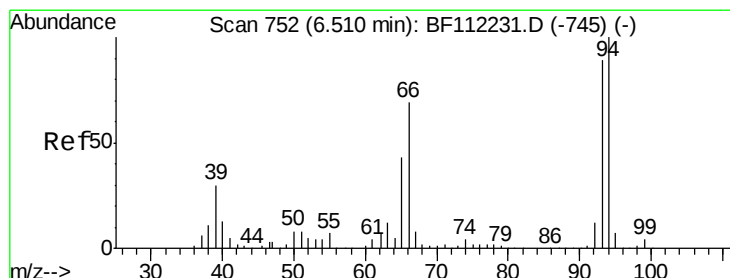
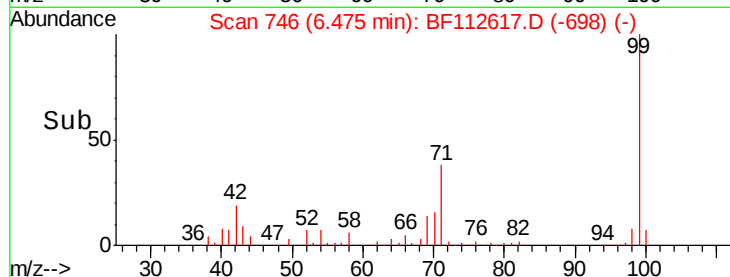
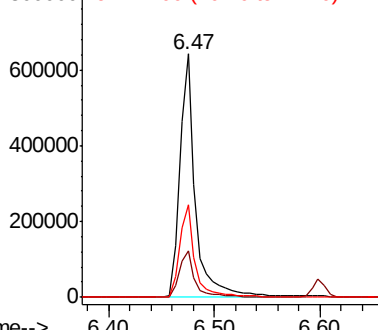
99 100

42 19.2 15.1 22.7

71 38.0 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.326 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

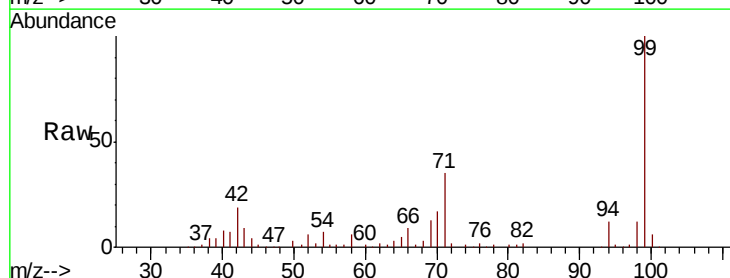
Tgt Ion: 94 Resp: 15610

Ion Ratio Lower Upper

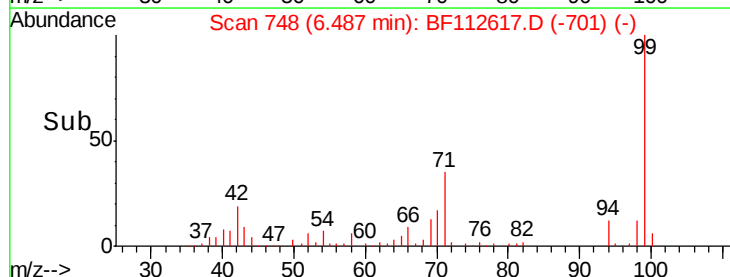
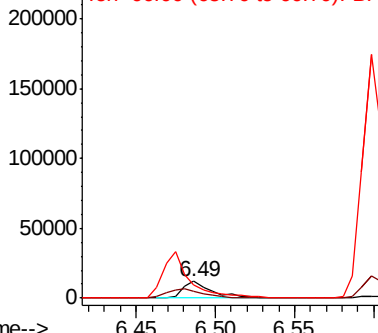
94 100

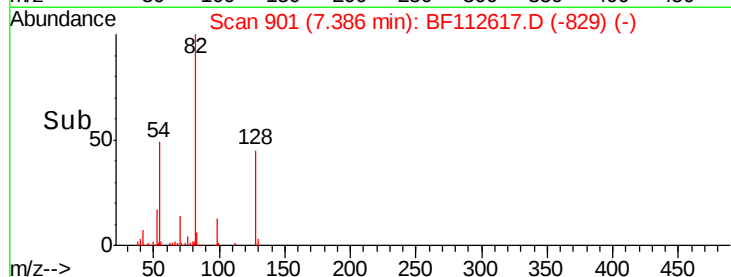
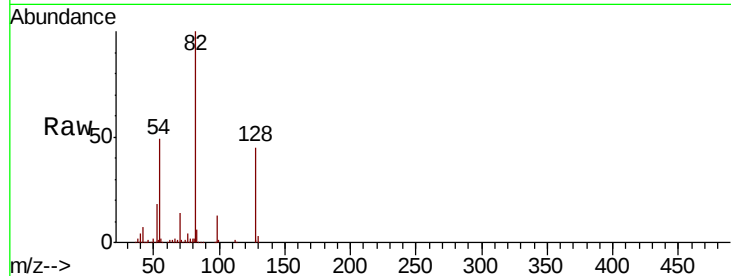
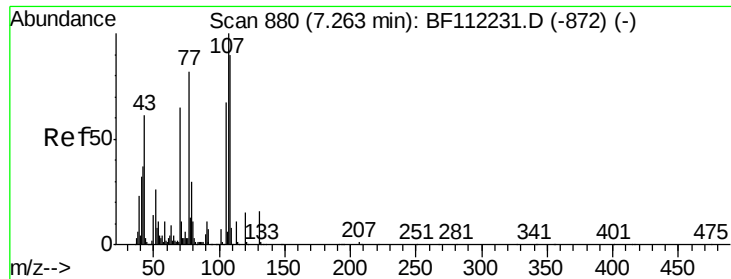
65 40.0 20.3 60.3

66 82.2 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

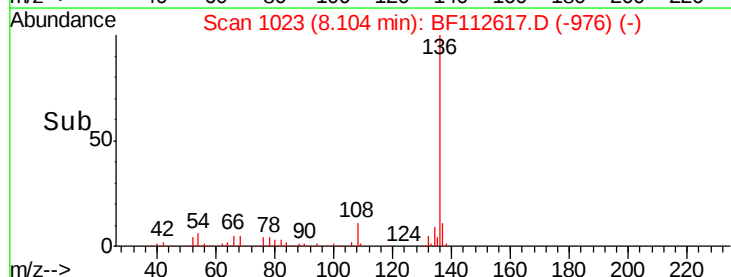
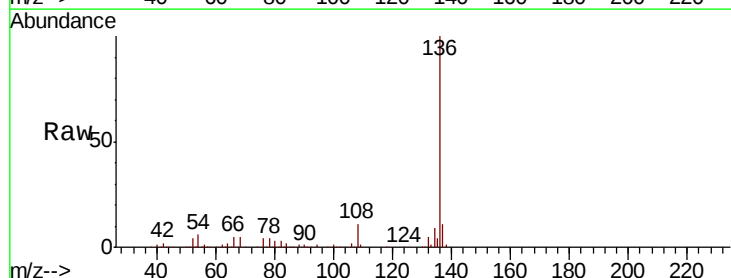
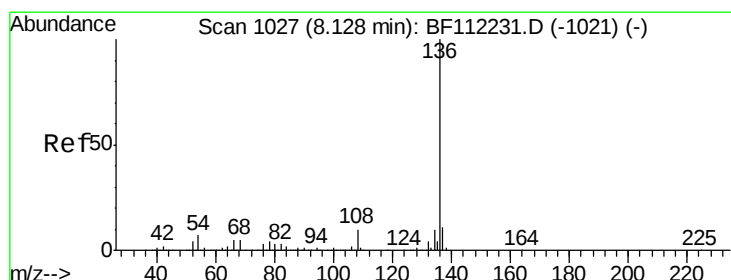
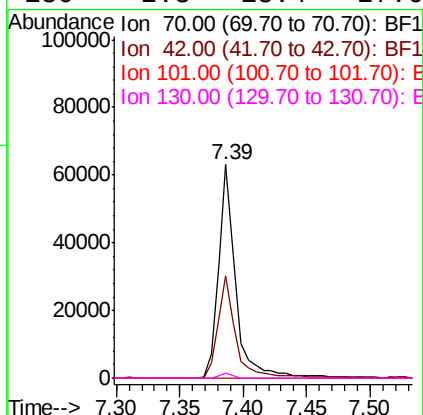




#19
n-Nitroso-di-n-propylamine
Concen: 14.481 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

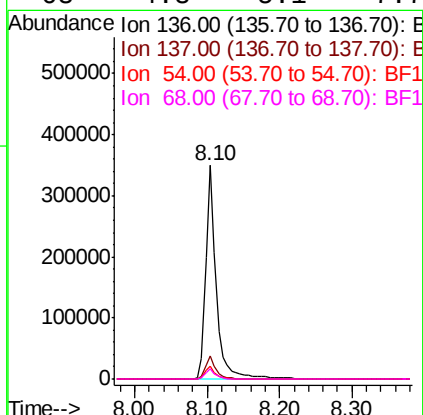
Instrument :
BNA_F
ClientSampled :

Tot Ion	70	Resp	61091
Ion Ratio	Lower	Upper	
70	100		
42	48.1	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

Tgt Ion	136	Resp	356735
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	5.9	5.9	8.9#
68	4.8	5.1	7.7#

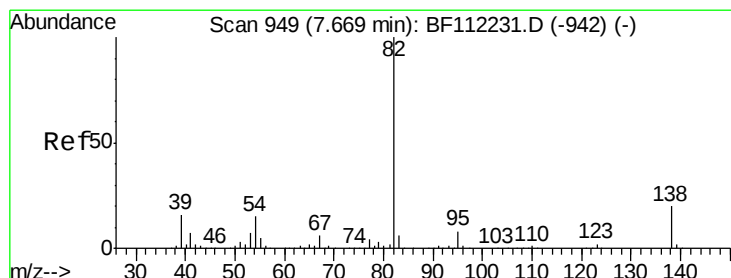
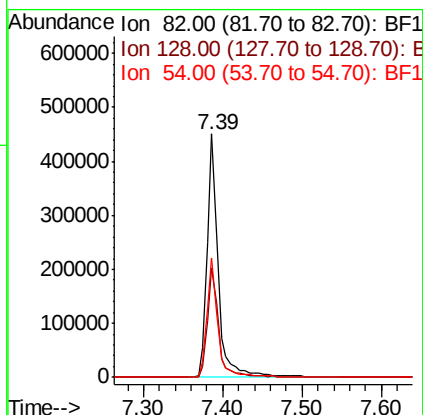
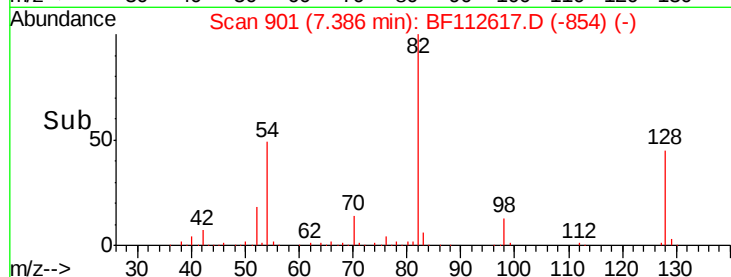
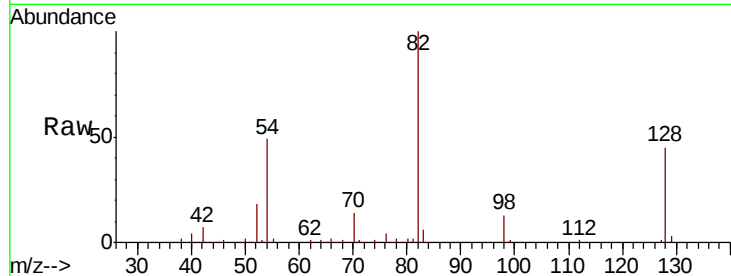




#23
Nitrobenzene-d5
Concen: 72.135 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

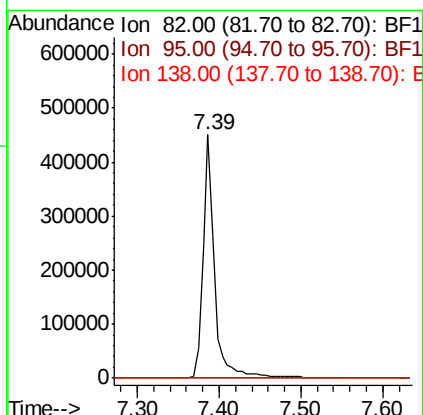
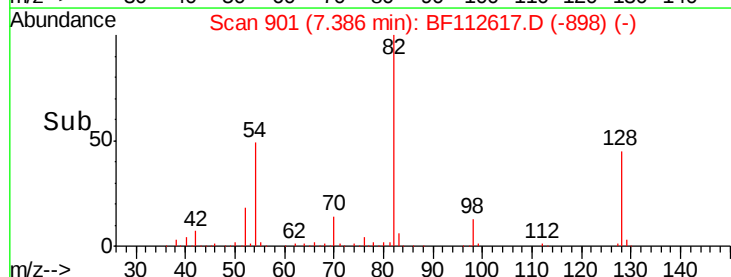
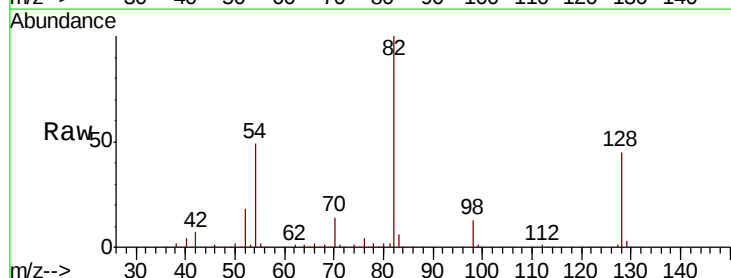
Instrument :
BNA_F
ClientSampleId :

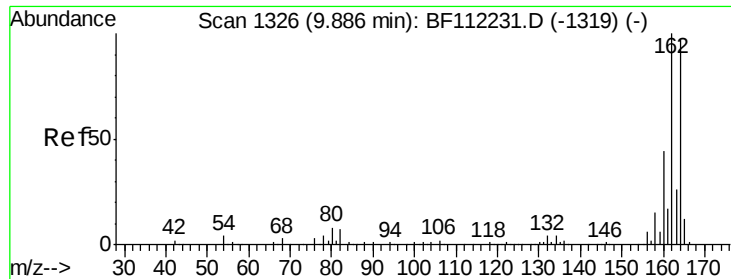
Tot Ion: 82 Resp: 446599
Ion Ratio Lower Upper
82 100
128 44.7 37.8 56.8
54 49.2 39.7 59.5



#25
Isophorone
Concen: 45.985 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

Tgt Ion: 82 Resp: 446636
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

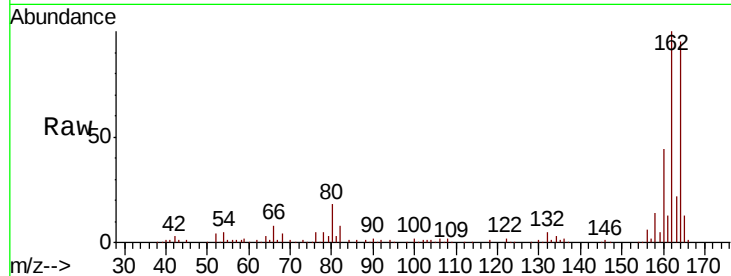




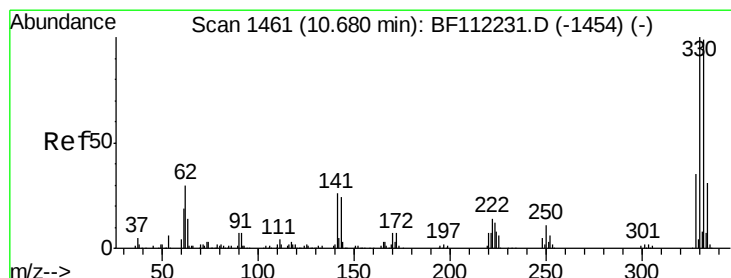
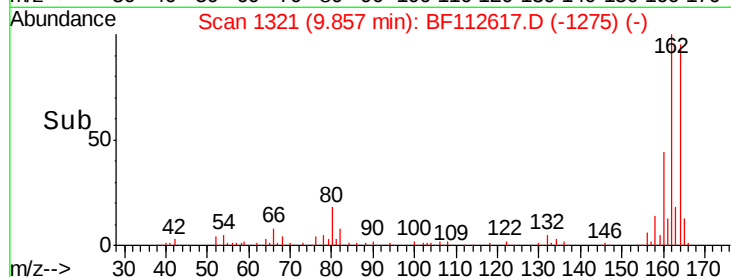
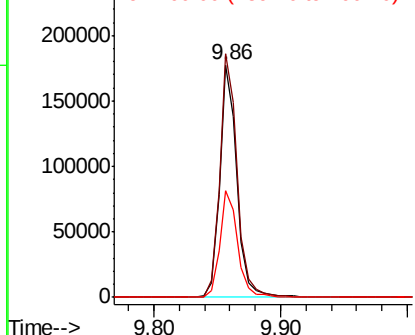
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112617.D
 Acq: 19 Feb 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 167772
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.2 123.4
 160 45.9 36.2 54.4

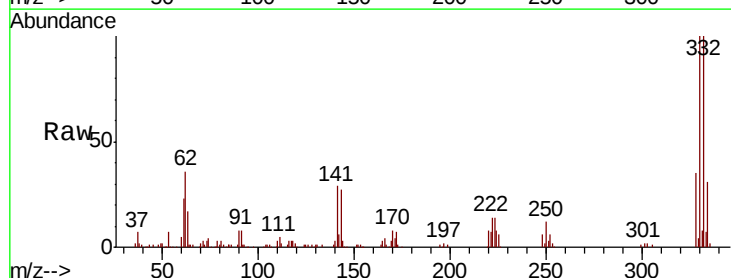


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

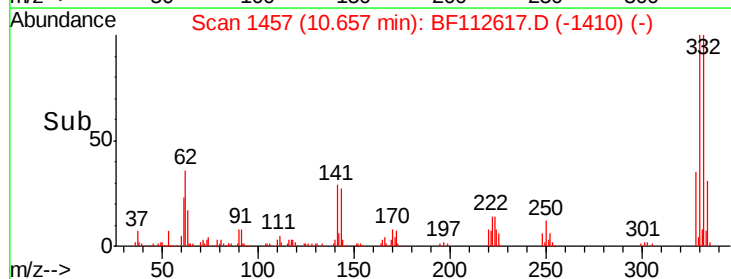
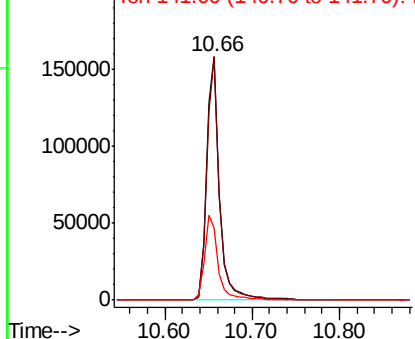


#42
 2,4,6-Tribromophenol
 Concen: 83.069 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112617.D
 Acq: 19 Feb 2019 13:26

Tgt Ion:330 Resp: 162218
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 36.1 24.3 36.5



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

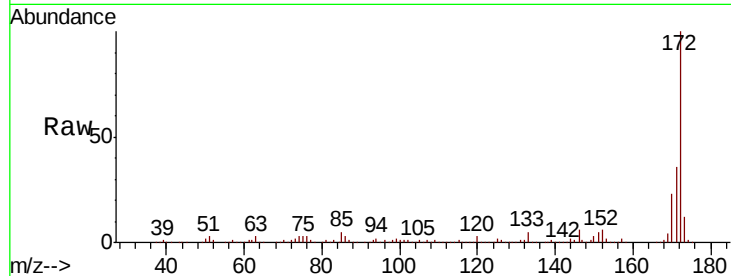




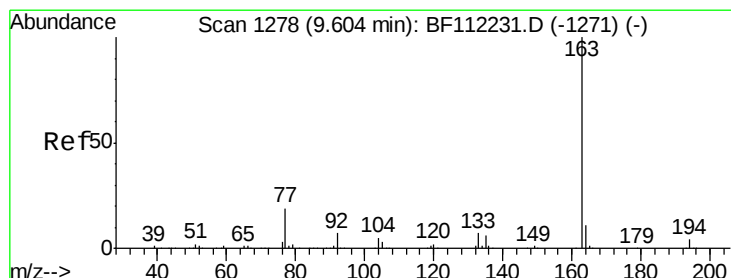
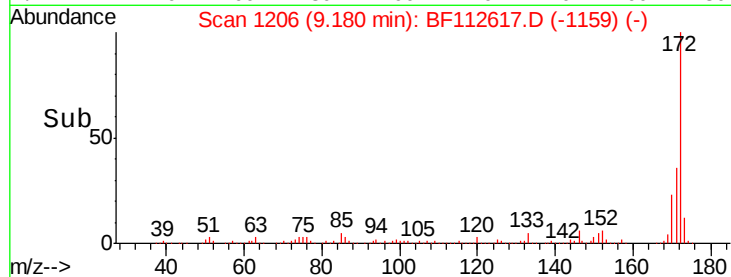
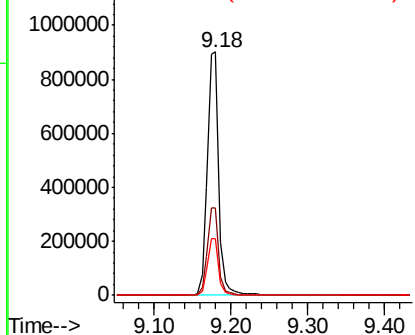
#45
2-Fluorobiphenyl
Concen: 78.096 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 926395
Ion Ratio Lower Upper
172 100
171 35.8 30.5 45.7
170 23.3 20.2 30.4

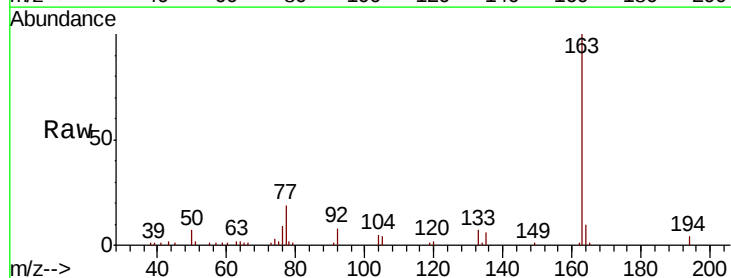


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

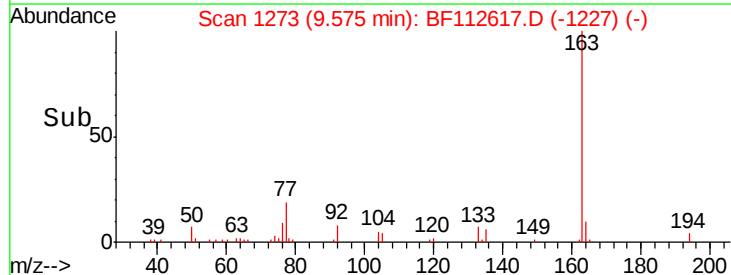
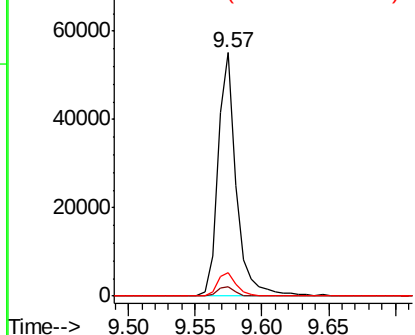


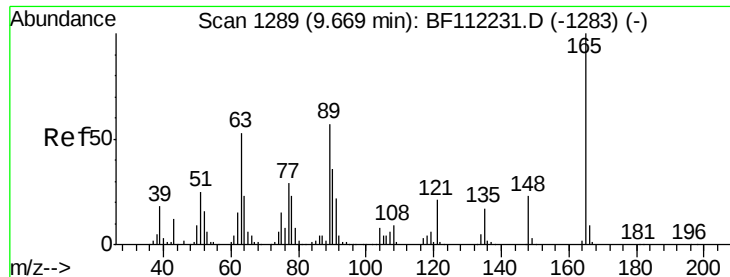
#50
Dimethylphthalate
Concen: 4.081 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112617.D
Acq: 19 Feb 2019 13:26

Tgt Ion:163 Resp: 53192
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.8 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 7.514 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.19 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

Instrument :

BNA_F

ClientSampleId :

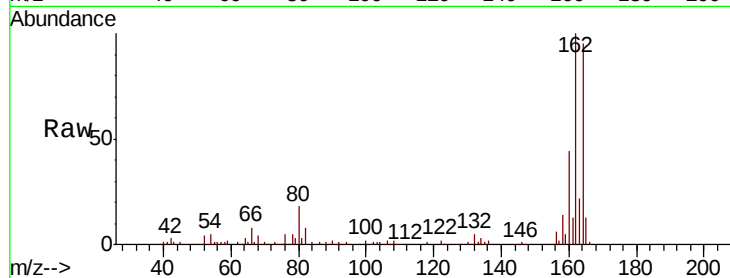
Tot Ion:165 Resp: 21936

Ion Ratio Lower Upper

165 100

63 1.9 33.8 50.8#

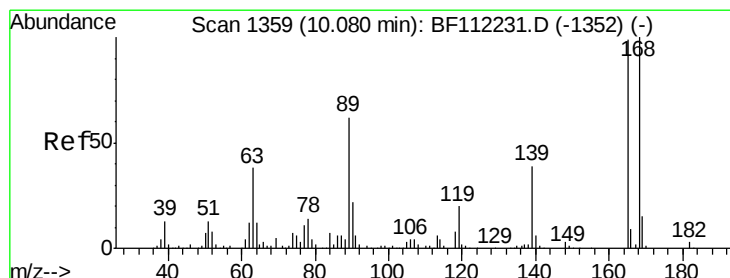
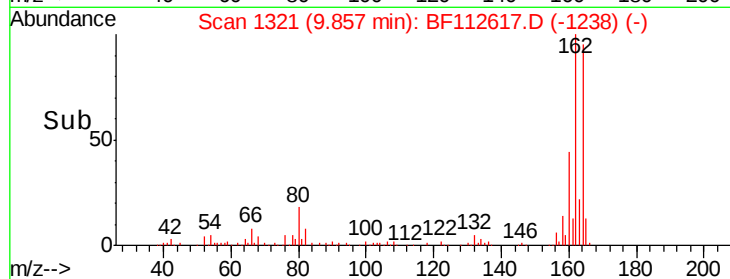
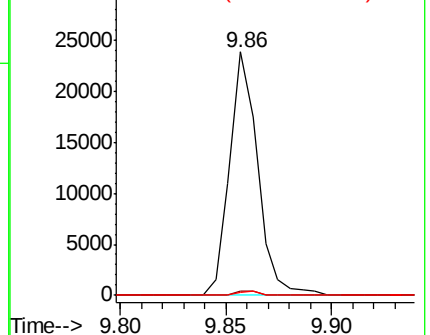
89 1.4 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.902 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

Tgt Ion:165 Resp: 21936

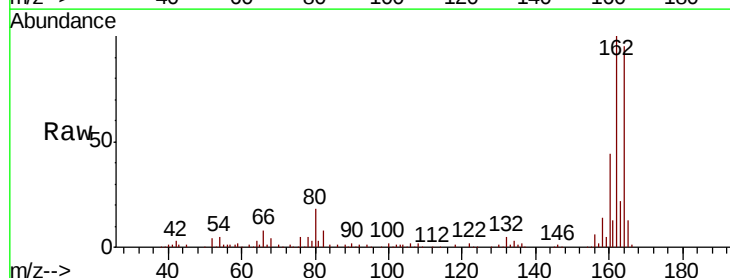
Ion Ratio Lower Upper

165 100

63 1.9 27.9 41.9#

89 1.4 47.9 71.9#

182 0.0 2.2 3.4#

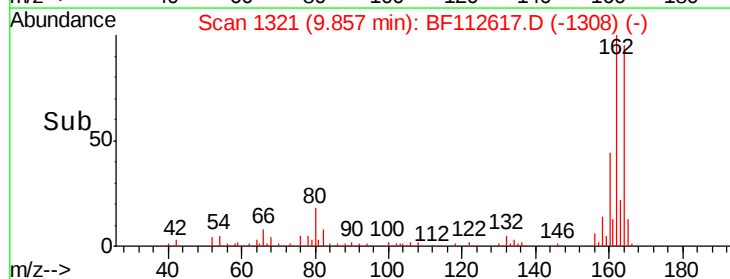
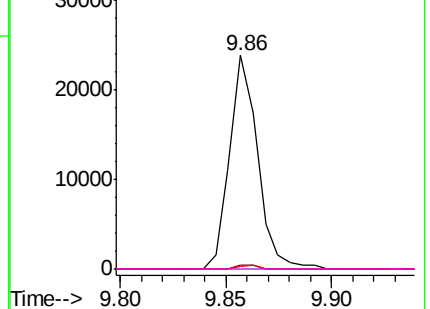


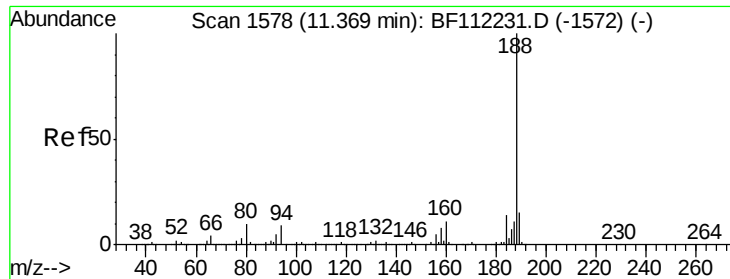
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

Instrument :

BNA_F

ClientSampleId :

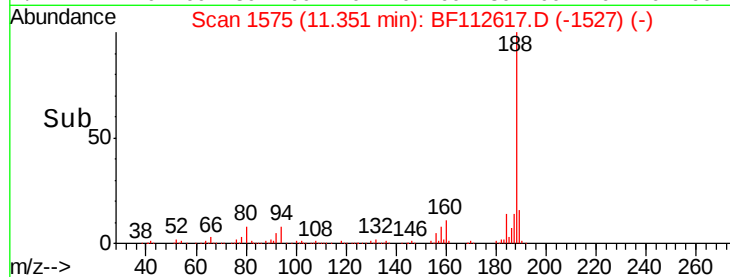
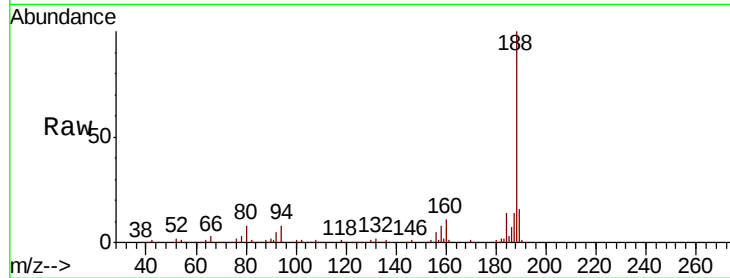
Tot Ion:188 Resp: 298657

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

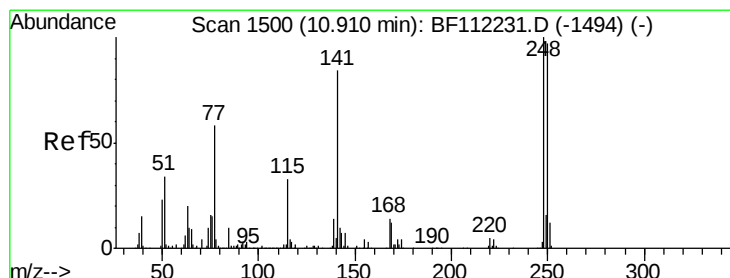
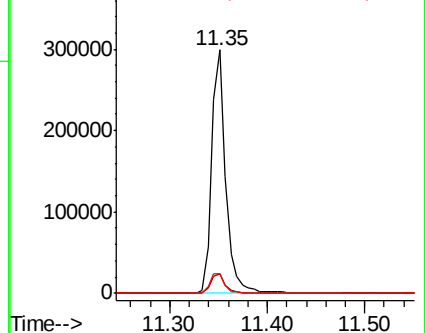
80 7.9 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.920 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.25 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

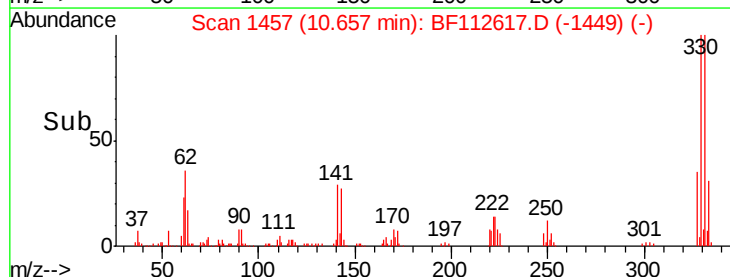
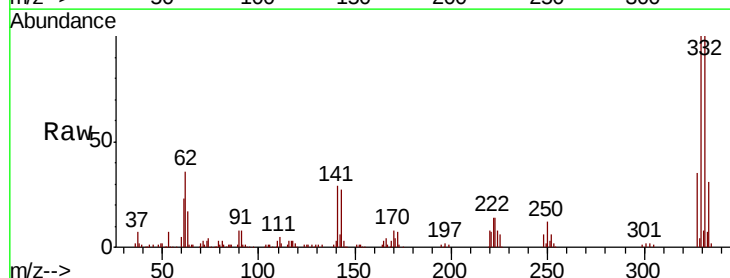
Tgt Ion:248 Resp: 10256

Ion Ratio Lower Upper

248 100

250 181.3 79.7 119.5#

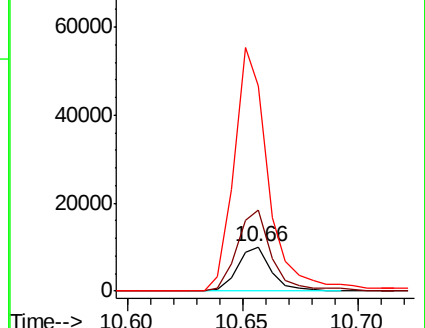
141 460.3 60.3 90.5#

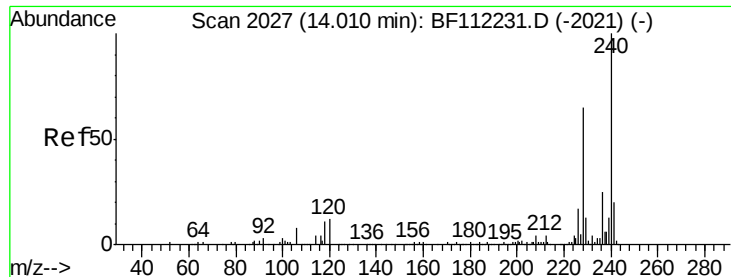


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

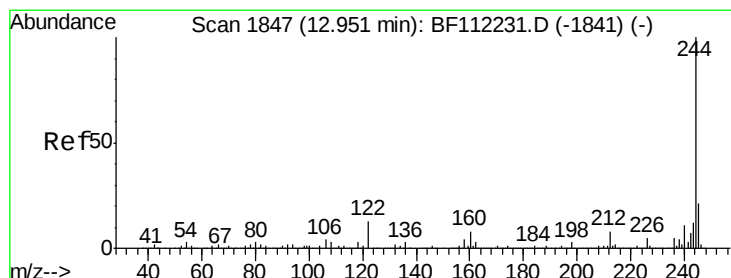
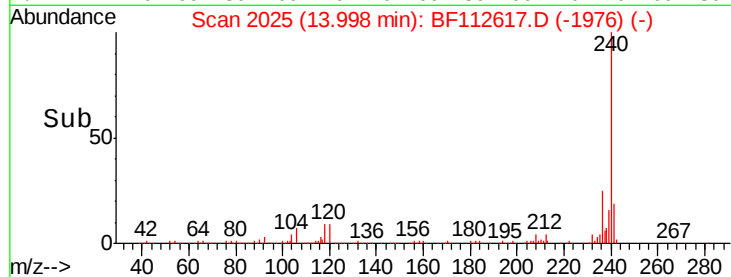
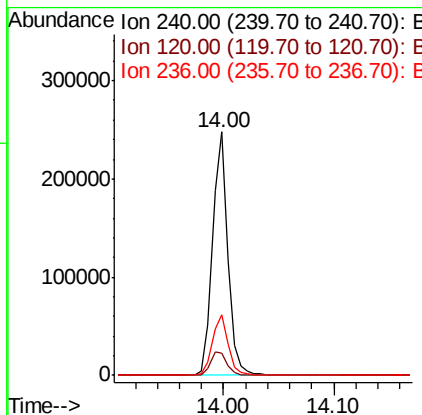
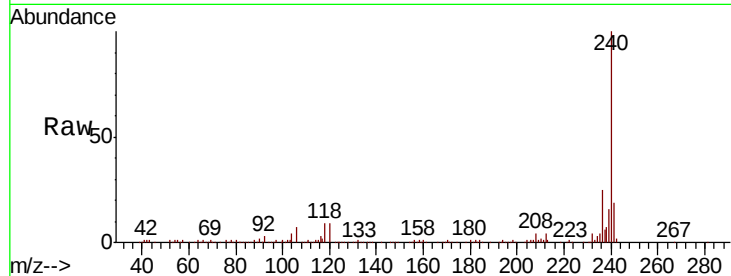




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112617.D
 Acq: 19 Feb 2019 13:26

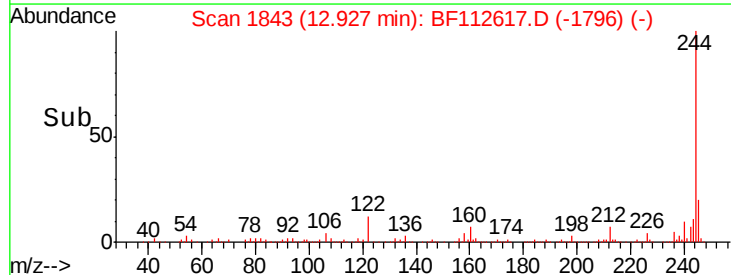
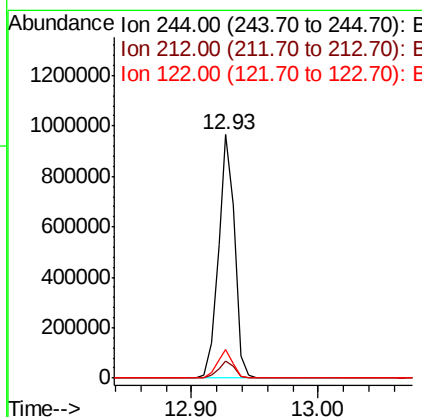
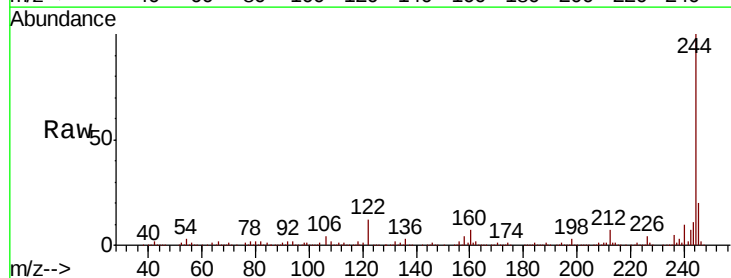
Instrument :
 BNA_F
 ClientSampleId :

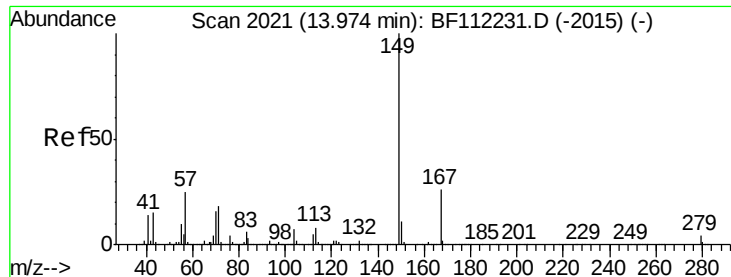
Tot Ion:240 Resp: 233619
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.0 13.6#
 236 25.0 20.7 31.1



#79
 Terphenyl-d14
 Concen: 69.719 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112617.D
 Acq: 19 Feb 2019 13:26

Tgt Ion:244 Resp: 864784
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.6 9.8 14.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.334 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

Instrument :

BNA_F

ClientSampleId :

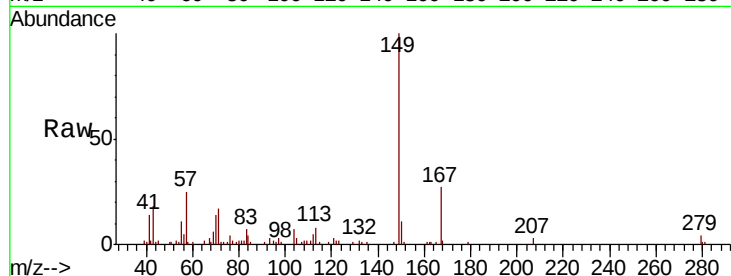
Tot Ion:149 Resp: 48146

Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

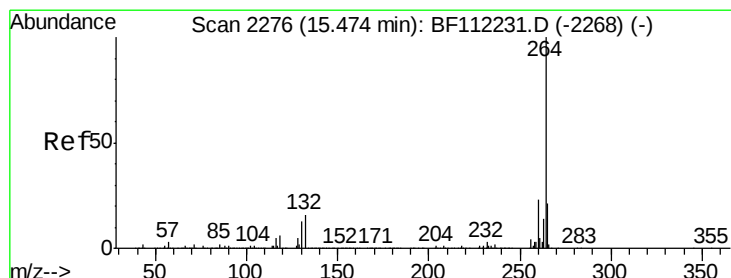
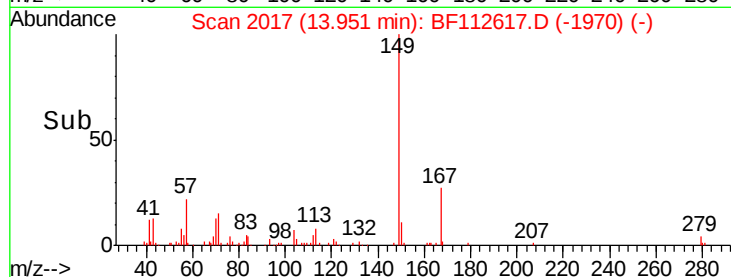
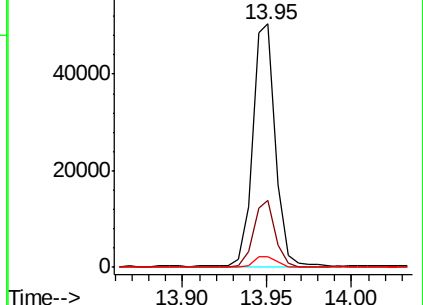
279 4.2 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112617.D

Acq: 19 Feb 2019 13:26

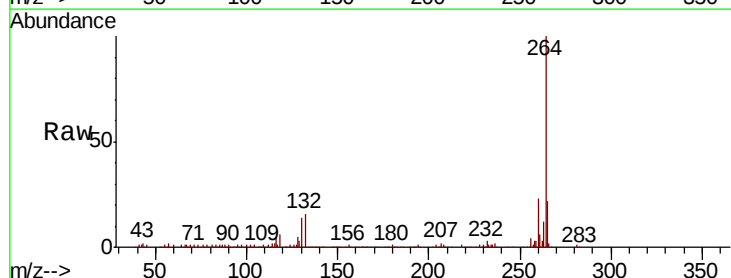
Tgt Ion:264 Resp: 236411

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 21.8 17.0 25.4



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

