

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111247.D
 Acq On : 10 Dec 2018 17:34
 Operator : JU/SJ
 Sample : PB115276BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BL

Quant Time: Dec 11 03:57:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

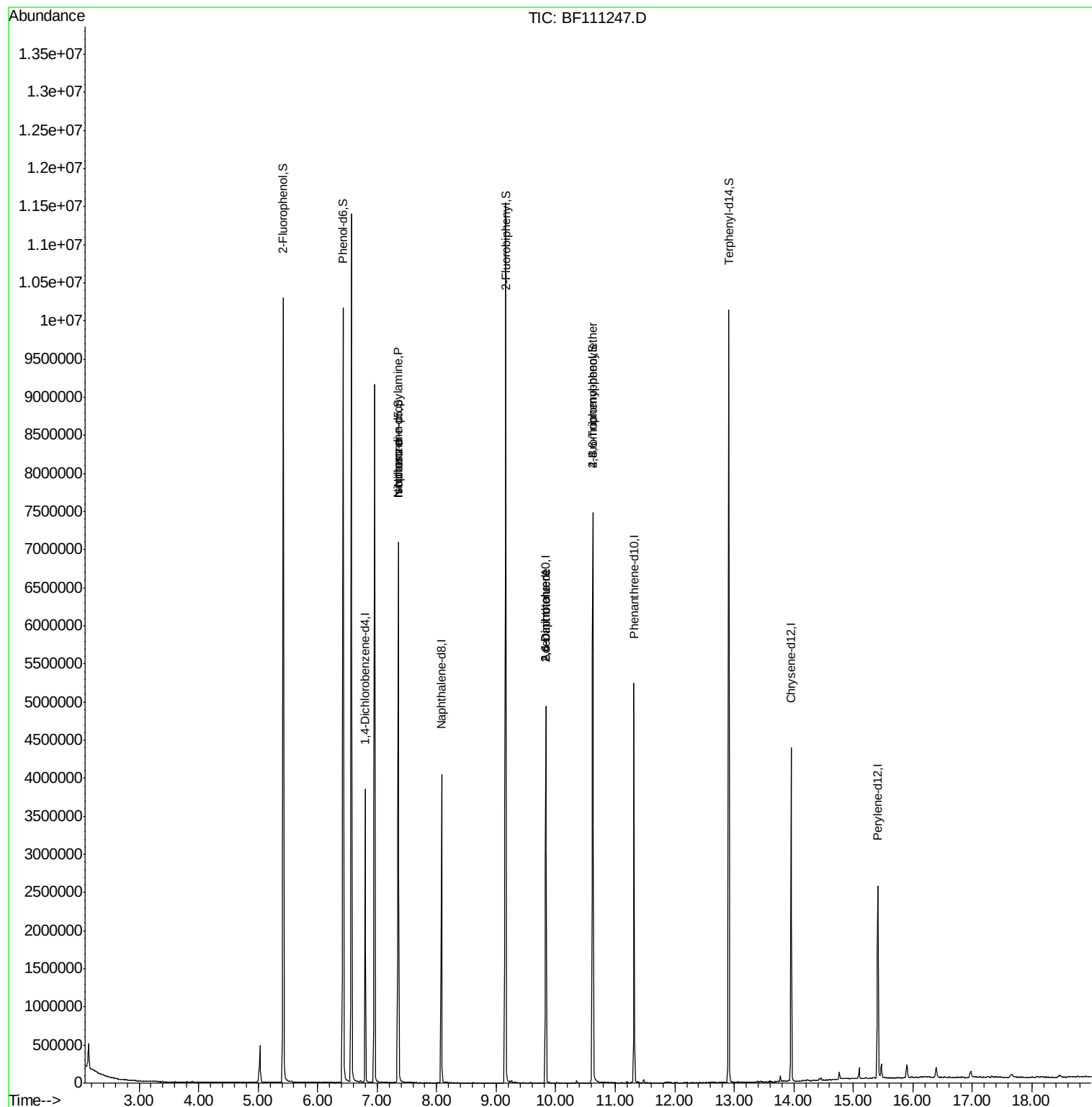
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	514243	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2004126	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	982146	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1757951	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1418711	20.00	ng	0.00
87) Perylene-d12	15.41	264	1124417	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3153975	96.85	ng	0.01
7) Phenol-d6	6.43	99	3991920	98.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	2498943	69.94	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	842653	96.86	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4099210	68.29	ng	0.00
79) Terphenyl-d14	12.91	244	3495646	59.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	5444	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	328597	12.120 ng	#	79
25) Isophorone	7.36	82	2442209	40.130 ng	#	64
46) 1,1'-Biphenyl	9.26	154	9377	Below Cal		95
51) 2,6-Dinitrotoluene	9.83	165	124871	7.803 ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	124871	6.329 ng	#	24
67) 4-Bromophenyl-phenylether	10.62	248	57242	2.973 ng	#	1

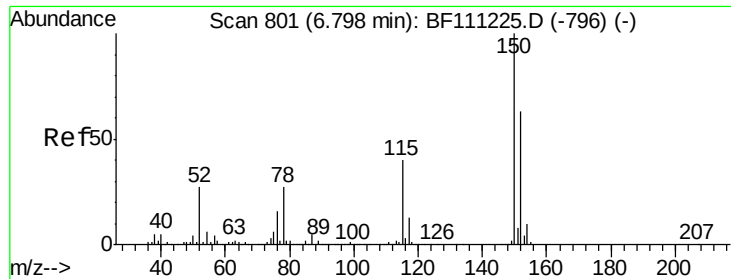
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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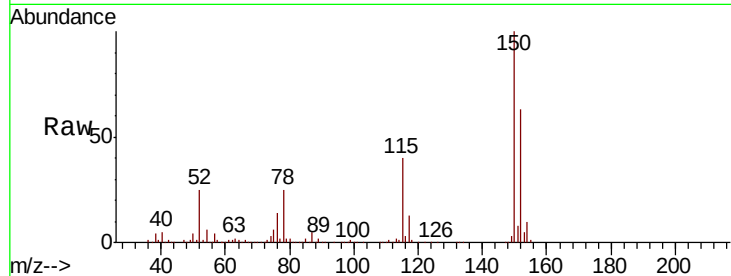


#1

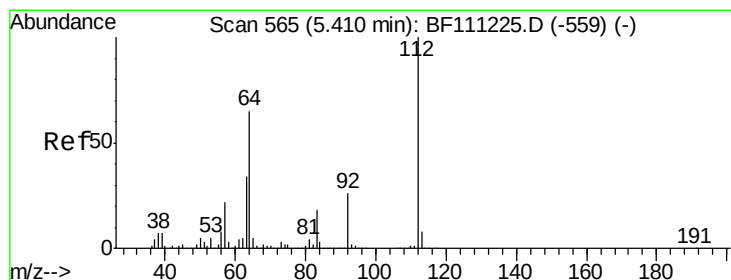
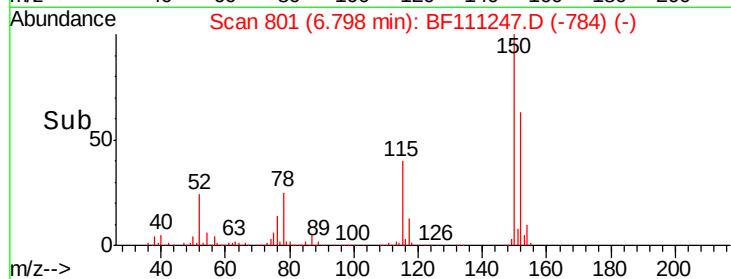
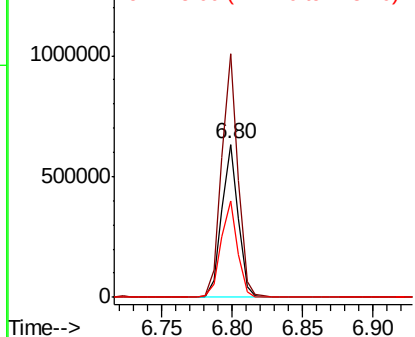
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
PB115276BL

Tgt Ion:152 Resp: 514243
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 63.3 50.7 76.1



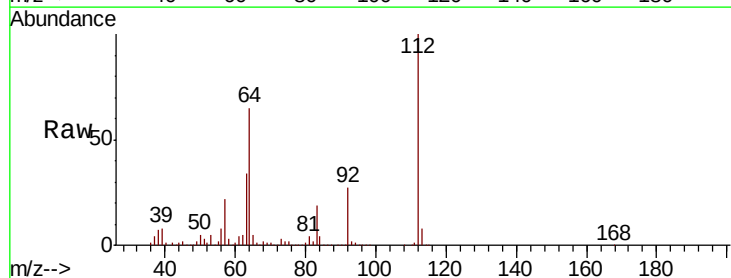
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



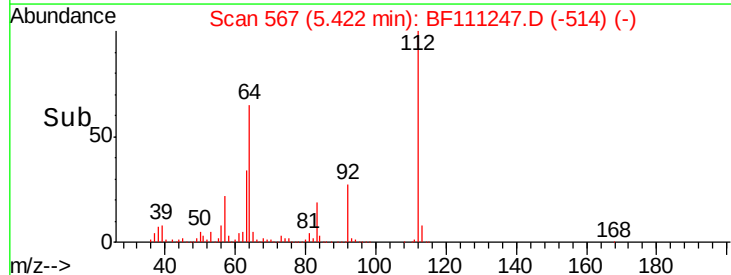
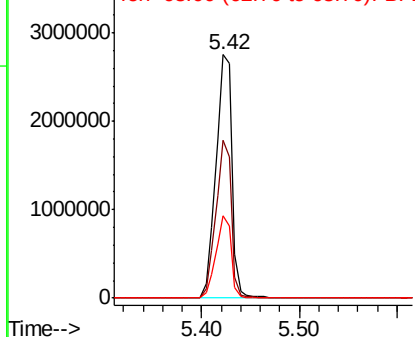
#5

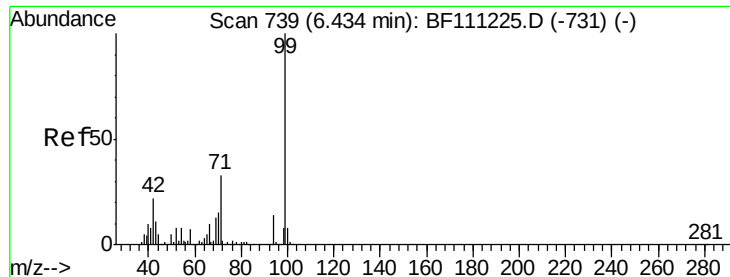
2-Fluorophenol
Concen: 96.848 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Tgt Ion:112 Resp: 3153975
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.6
63 33.6 26.8 40.2



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: 98.635 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

PB115276BL

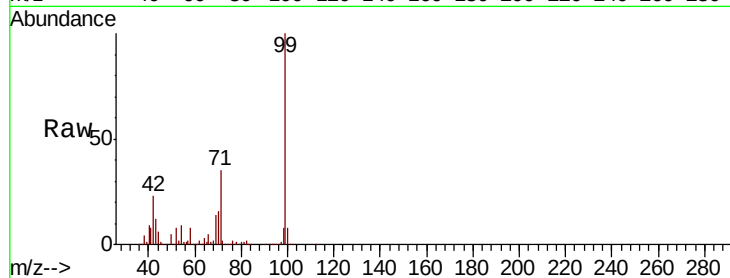
Tgt Ion: 99 Resp: 3991920

Ion Ratio Lower Upper

99 100

42 23.5 17.4 26.0

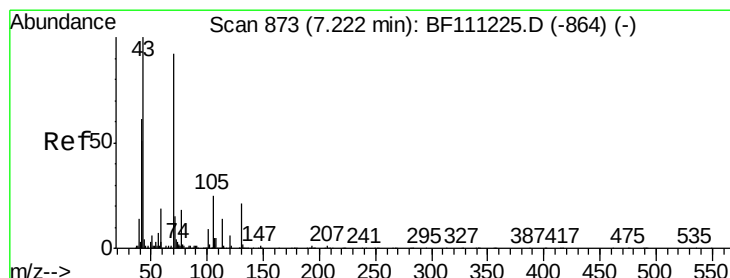
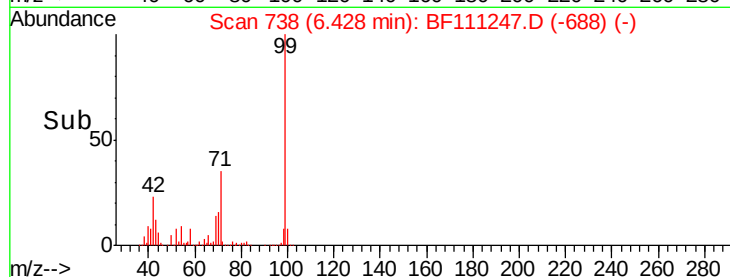
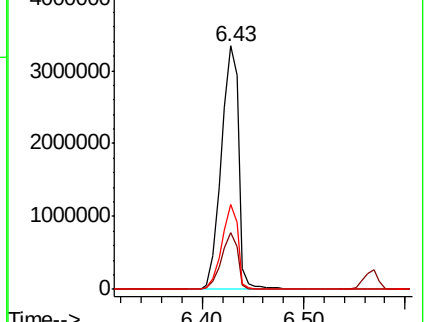
71 34.8 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.120 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

Tgt Ion: 70 Resp: 328597

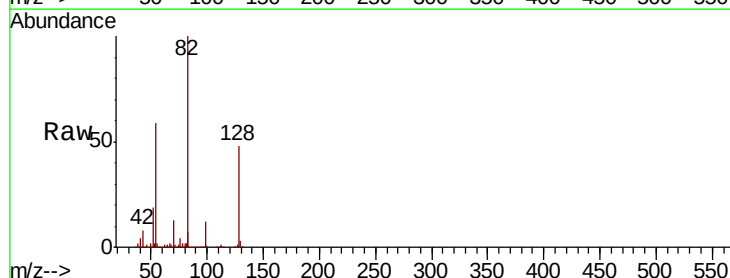
Ion Ratio Lower Upper

70 100

42 56.3 53.2 79.8

101 0.0 8.2 12.4#

130 2.6 18.1 27.1#

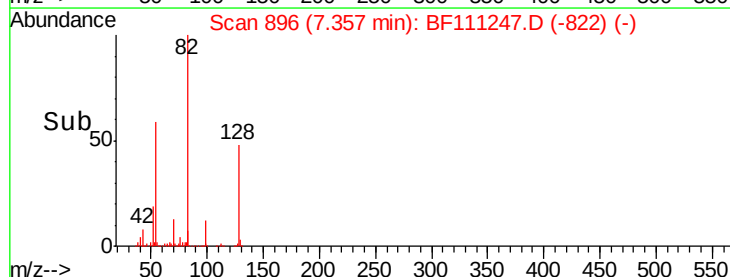
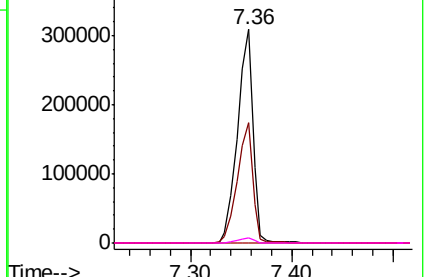


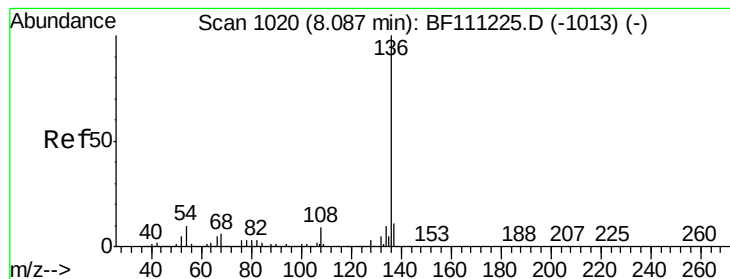
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

PB115276BL

Tgt Ion:136 Resp: 2004126

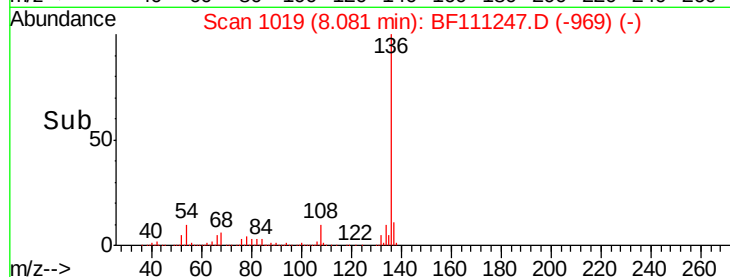
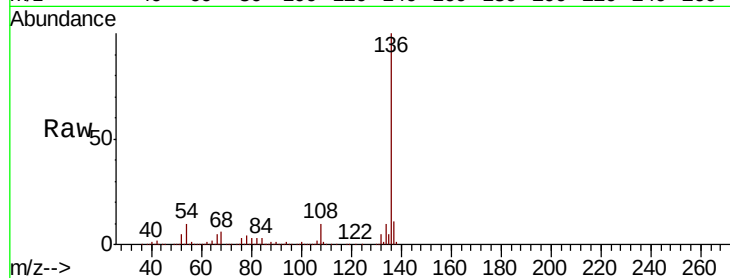
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.6 7.7 11.5

68 5.8 4.9 7.3

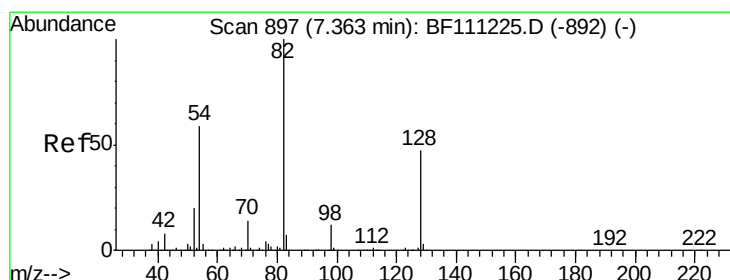
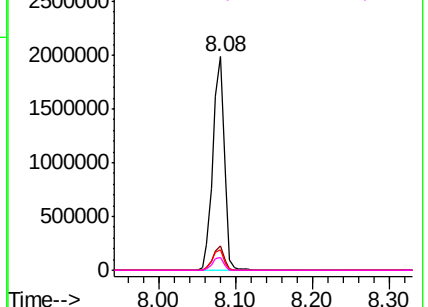


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 69.937 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

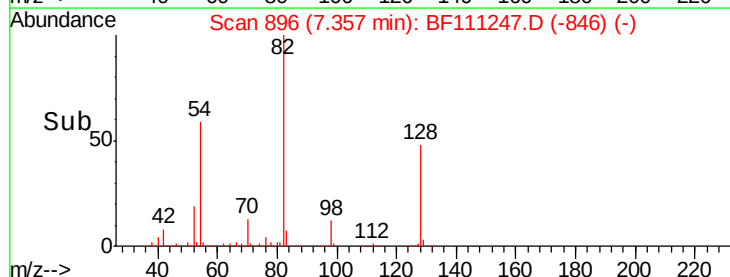
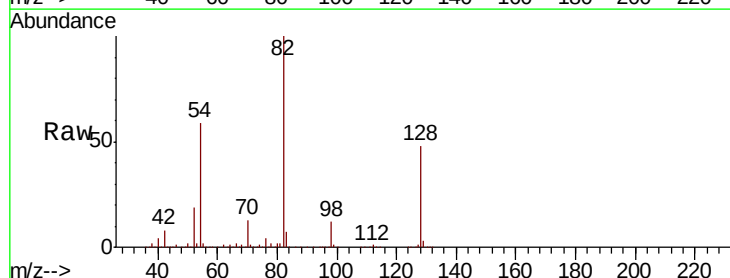
Tgt Ion: 82 Resp: 2498943

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.2

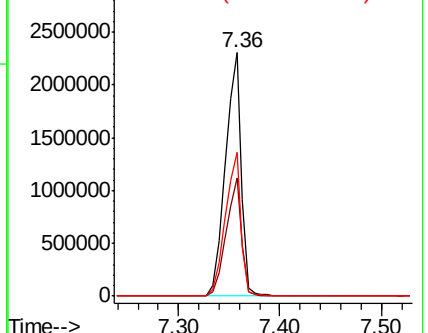
54 59.0 47.6 71.4

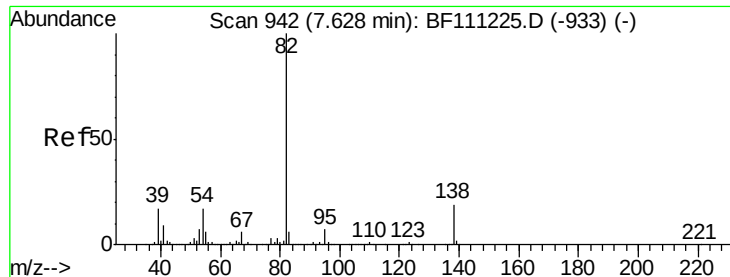


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.130 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

PB115276BL

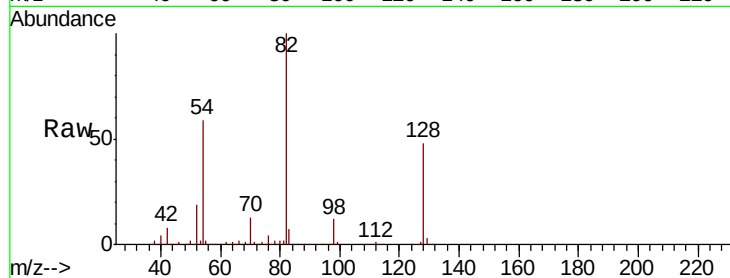
Tgt Ion: 82 Resp: 2442209

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#



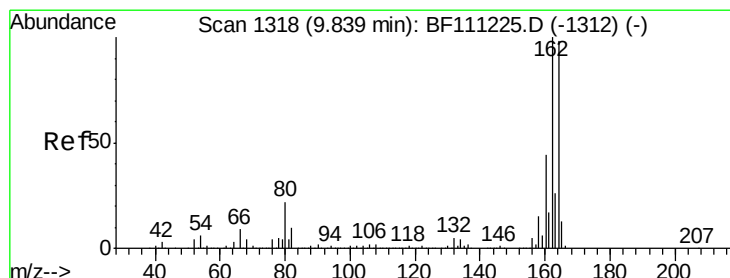
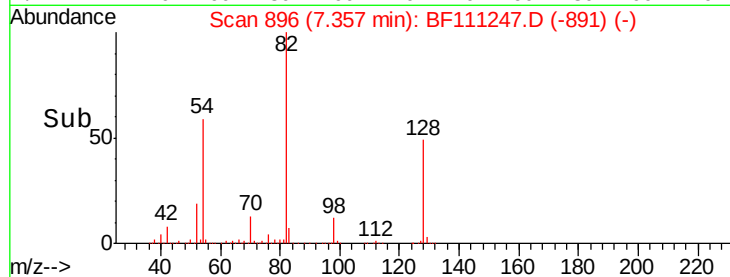
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

7.36

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

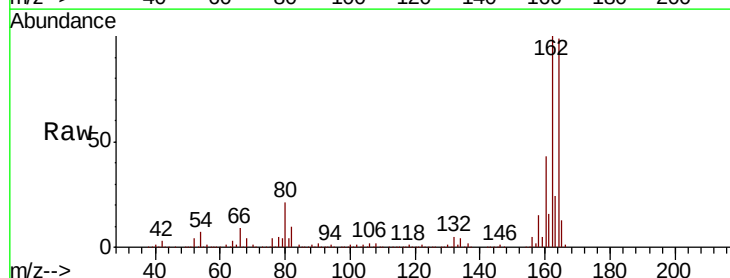
Tgt Ion: 164 Resp: 982146

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

160 43.6 35.7 53.5



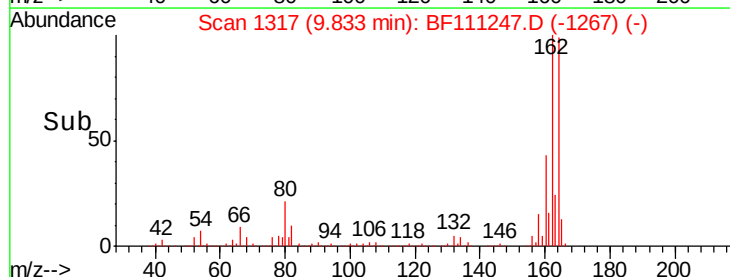
Abundance Ion 164.00 (163.70 to 164.70): E

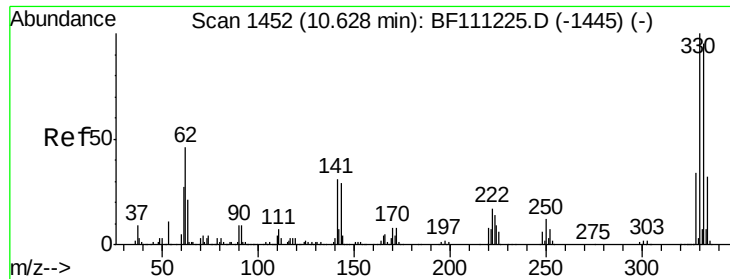
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

9.83

Time-->

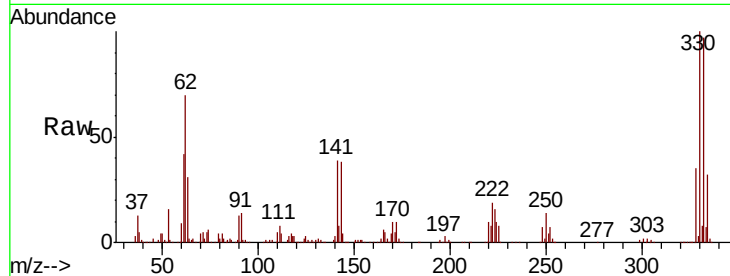




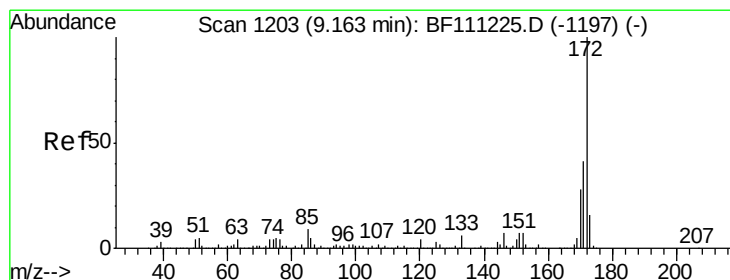
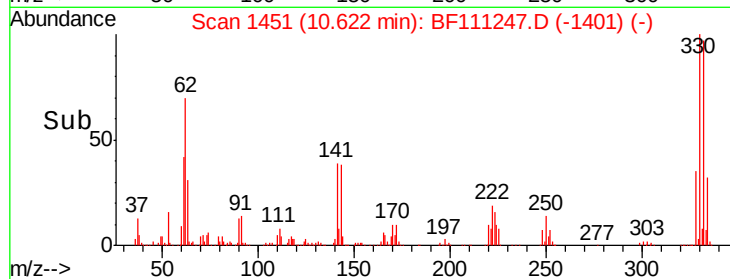
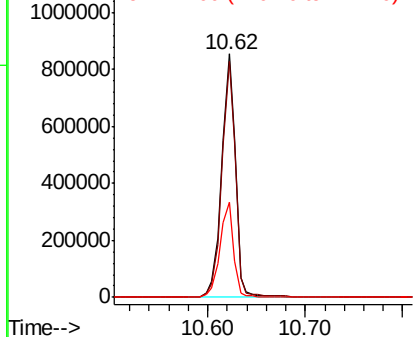
#42
 2,4,6-Tribromophenol
 Concen: 96.857 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampled :
 PB115276BL

Tgt Ion:330 Resp: 842653
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 38.6 31.0 46.6

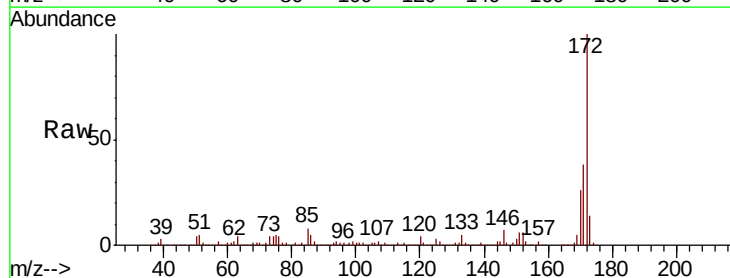


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

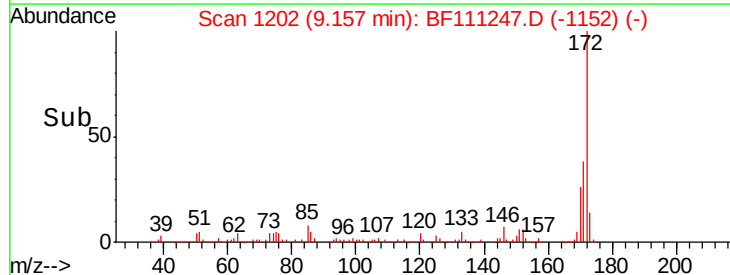
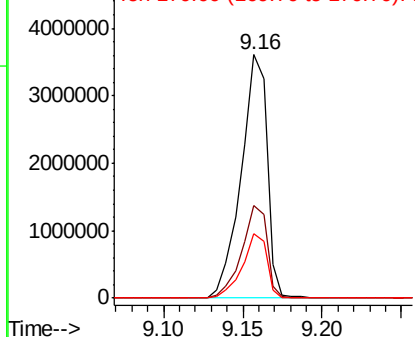


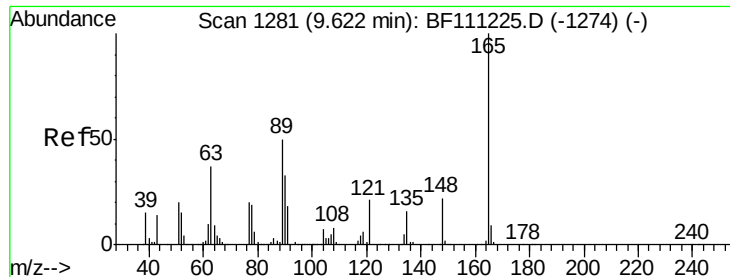
#45
 2-Fluorobiphenyl
 Concen: 68.293 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Tgt Ion:172 Resp: 4099210
 Ion Ratio Lower Upper
 172 100
 171 38.2 33.0 49.4
 170 26.3 22.3 33.5



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

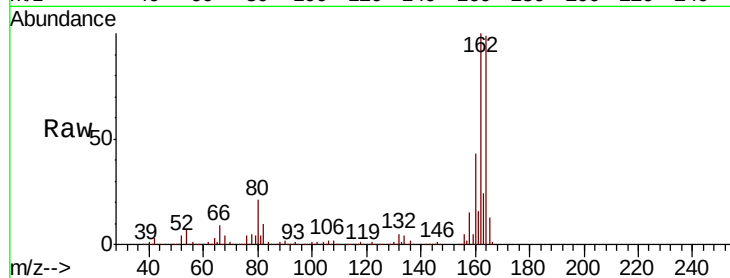




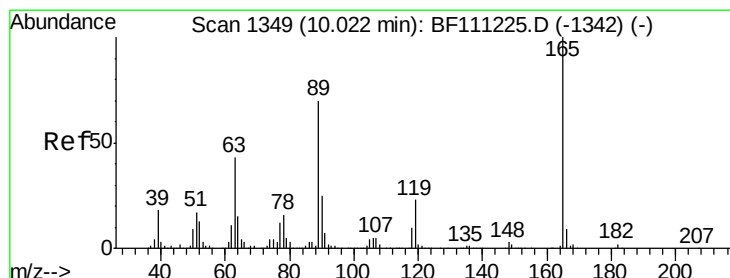
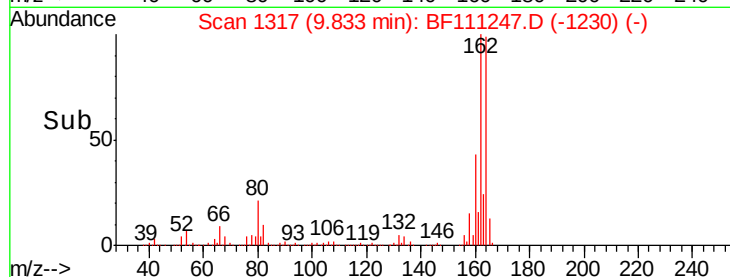
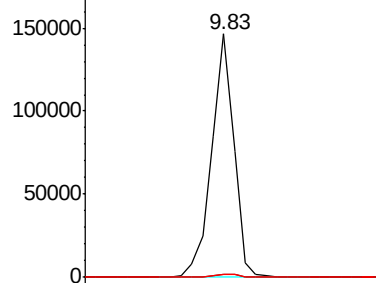
#51
2,6-Dinitrotoluene
Concen: 7.803 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
PB115276BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.5	60.7#
89	1.3	40.0	60.0#



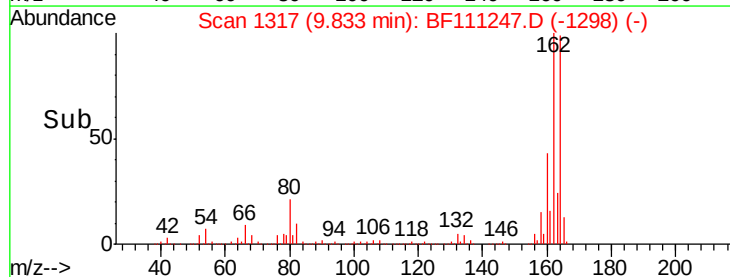
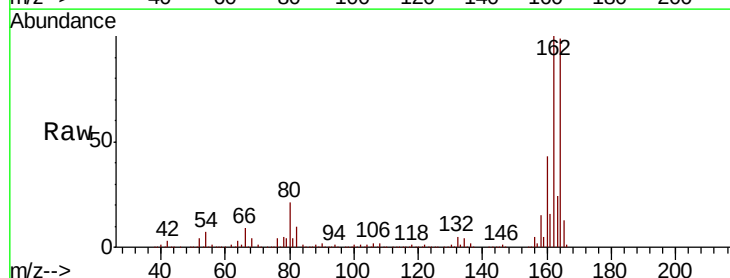
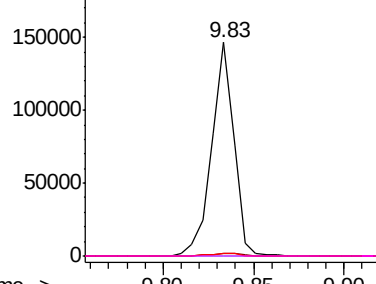
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

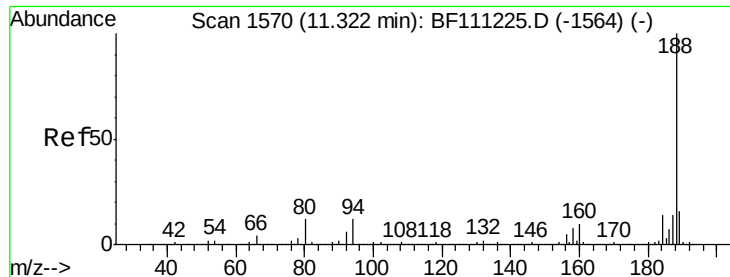


#57
2,4-Dinitrotoluene
Concen: 6.329 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	1.3	56.2	84.4#
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): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

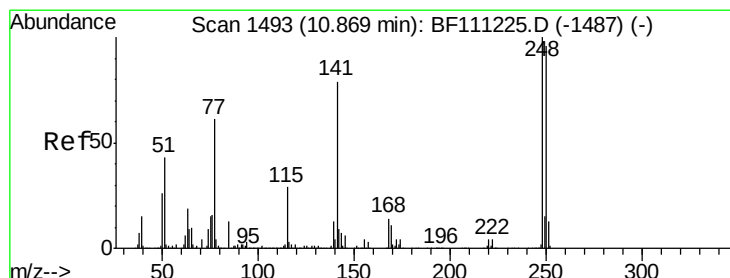
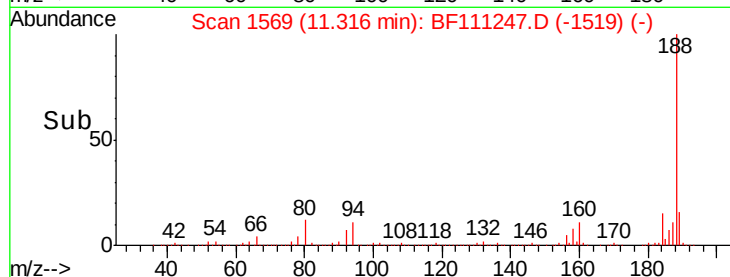
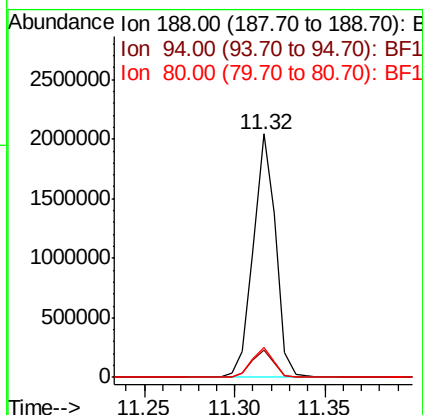
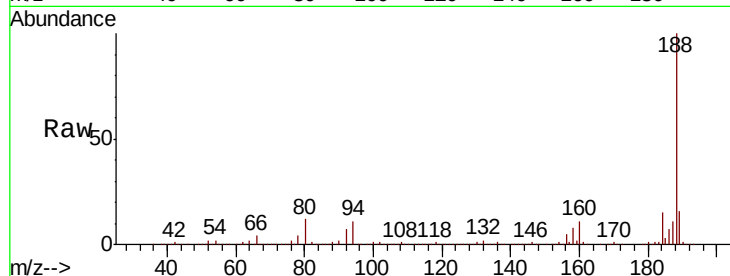




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

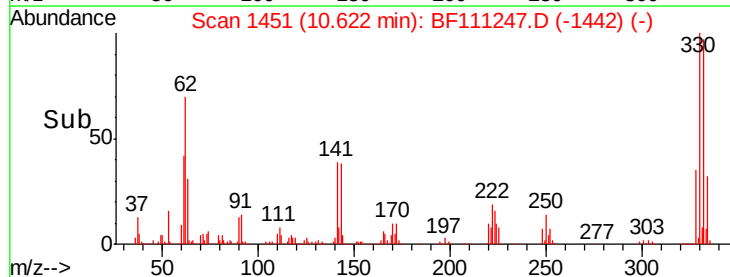
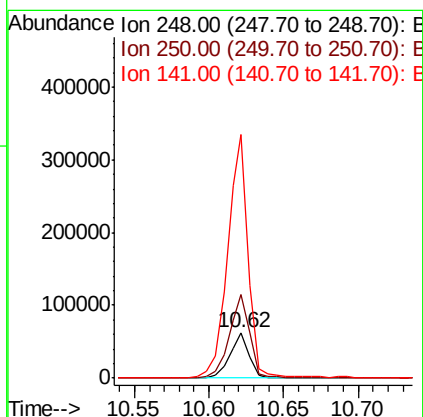
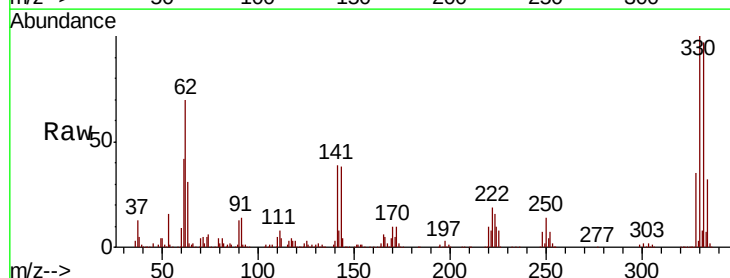
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BL

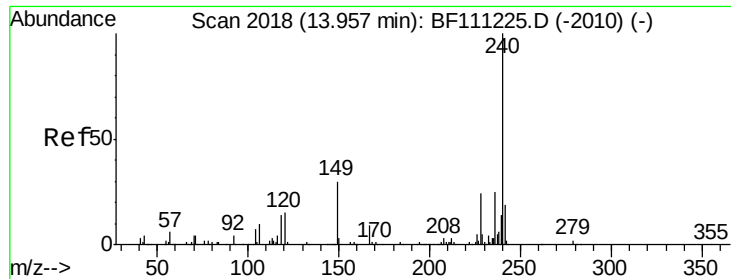
Tgt Ion:188 Resp: 1757951
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.6 14.4
 80 12.2 9.8 14.6



#67
 4-Bromophenyl-phenylether
 Concen: 2.973 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Tgt Ion:248 Resp: 57242
 Ion Ratio Lower Upper
 248 100
 250 185.5 77.0 115.4#
 141 537.0 63.0 94.6#

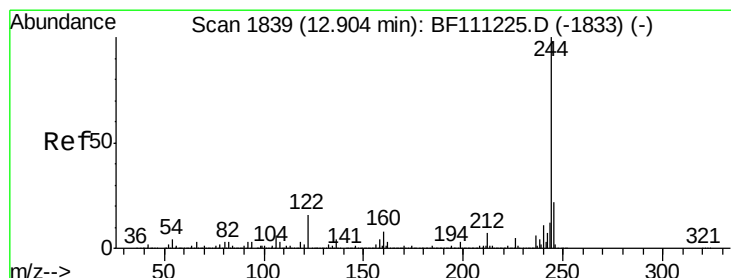
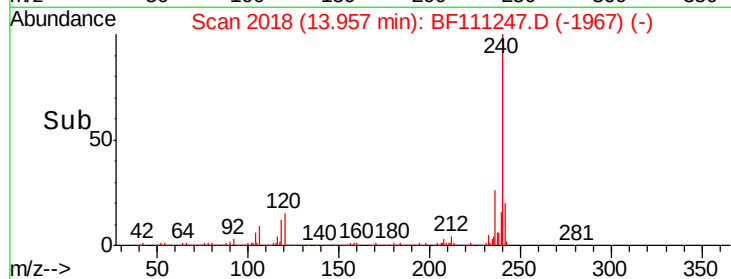
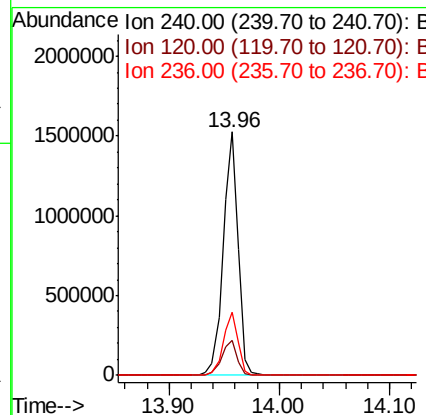
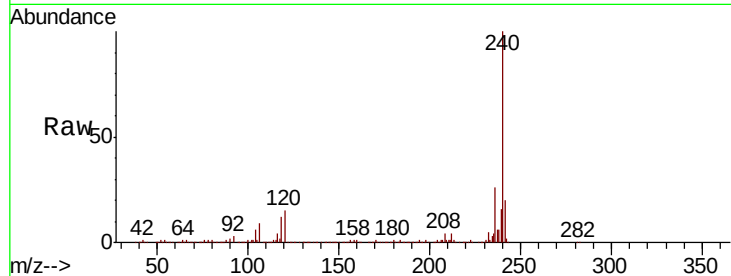




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

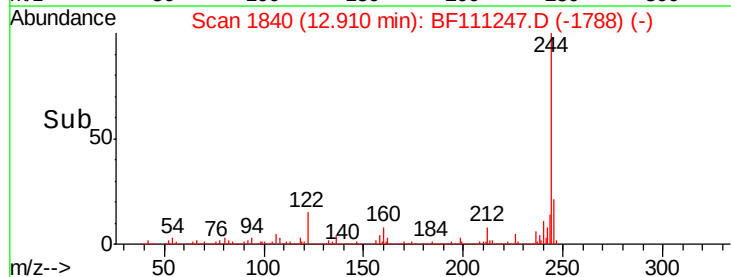
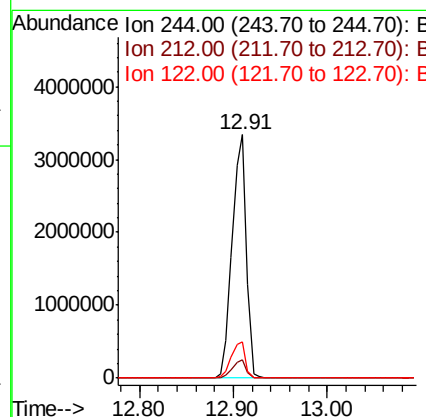
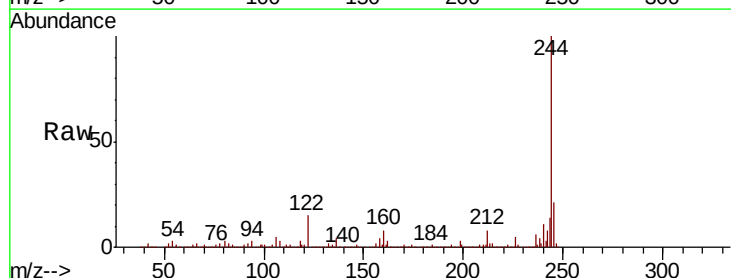
Instrument :
BNA_F
ClientSampleId :
PB115276BL

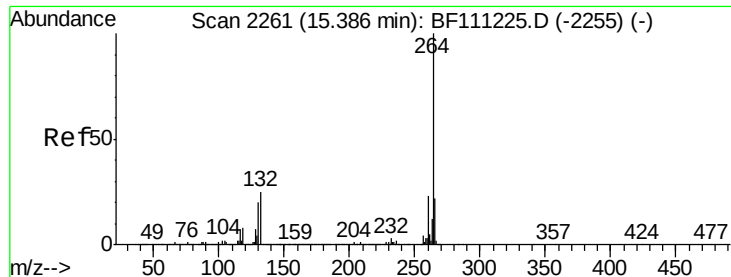
Tgt Ion:240 Resp: 1418711
Ion Ratio Lower Upper
240 100
120 14.5 12.2 18.2
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 59.101 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Tgt Ion:244 Resp: 3495646
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 14.6 13.1 19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
PB115276BL

Tgt Ion: 264 Resp: 1124417

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.2	17.7	26.5

