

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113071.D
 Acq On : 15 Mar 2019 17:45
 Operator : JU/SJ
 Sample : K1685-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

Quant Time: Mar 15 22:55:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

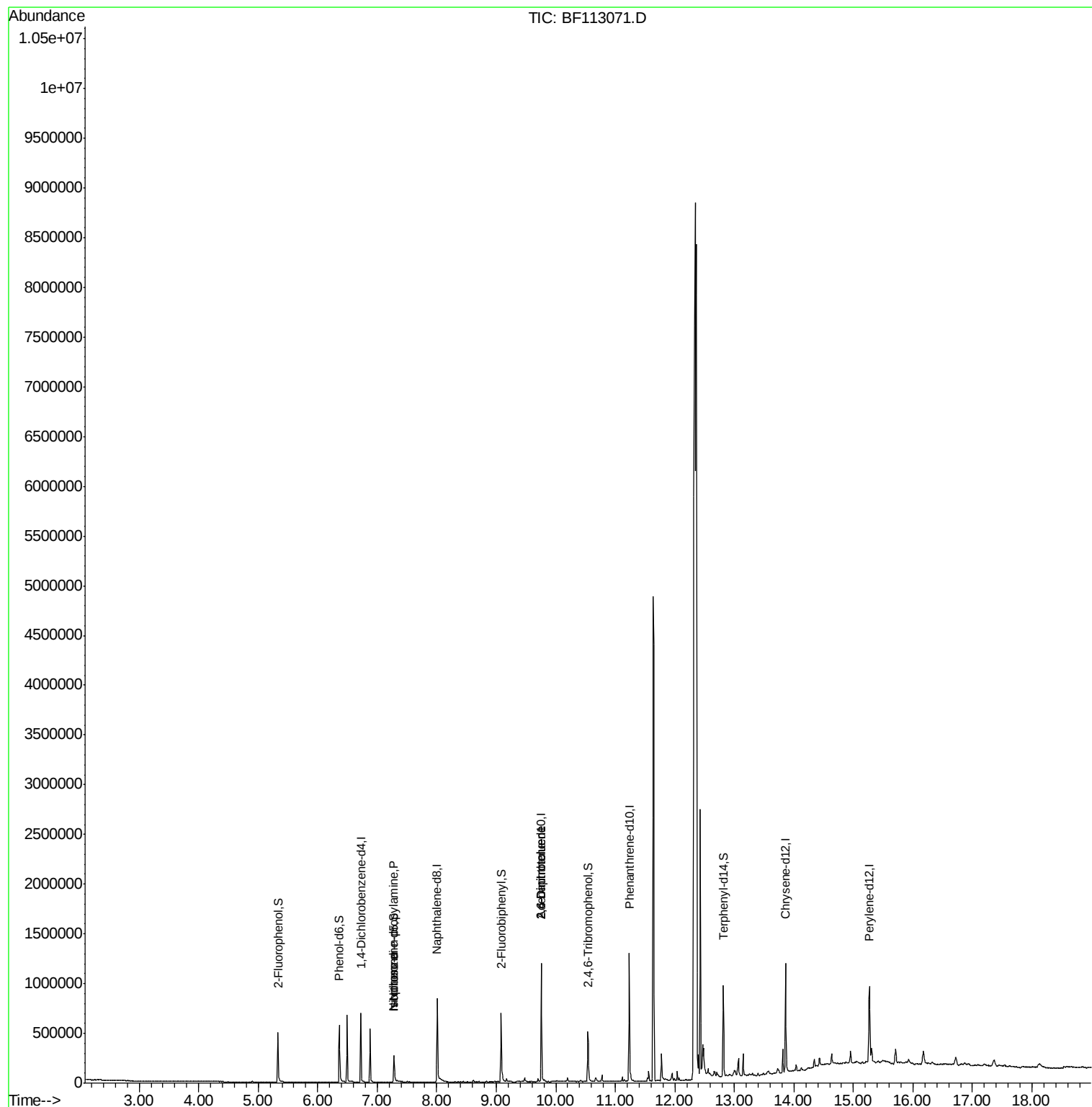
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114923	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	479079	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	240279	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	499136	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	396569	20.00	ng	0.00
87) Perylene-d12	15.27	264	382758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	160620	21.74	ng	-0.01
7) Phenol-d6	6.36	99	214049	23.06	ng	-0.01
23) Nitrobenzene-d5	7.28	82	106520	13.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	73308	28.74	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	271340	14.27	ng	-0.01
79) Terphenyl-d14	12.82	244	307043	15.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	13978	2.378	ng	# 77
25) Isophorone	7.28	82	106519	6.176	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	30217	8.190	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	30217	6.589	ng	# 18

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113071.D
Acq On : 15 Mar 2019 17:45
Operator : JU/SJ
Sample : K1685-03 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-B

Quant Time: Mar 15 22:55:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

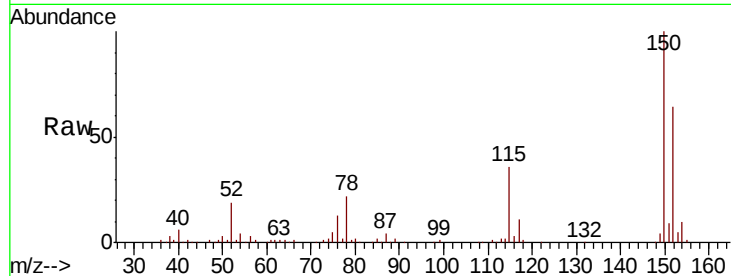




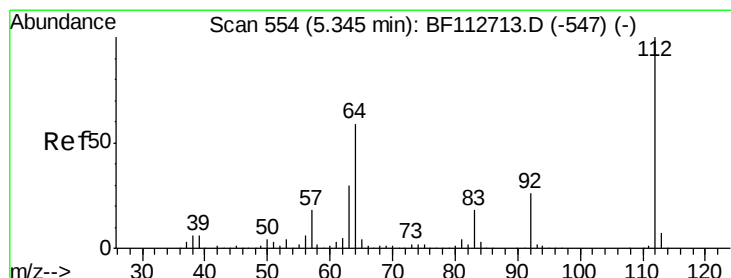
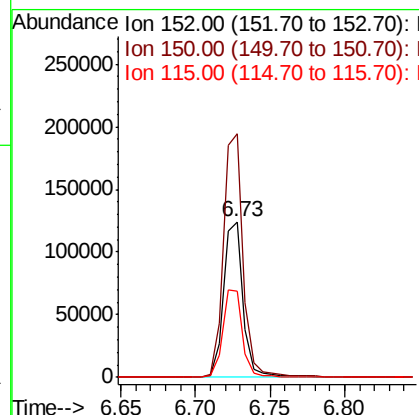
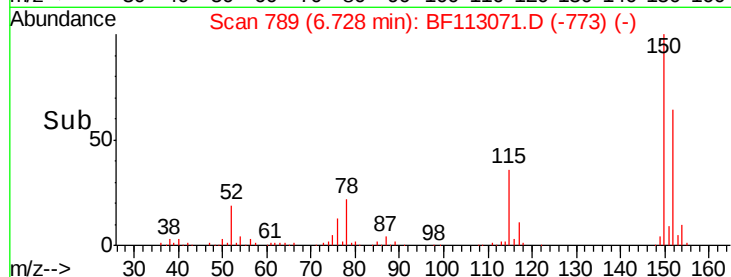
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

Tgt Ion:152 Resp: 114923
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.2 186.2
 115 55.7 48.2 72.4

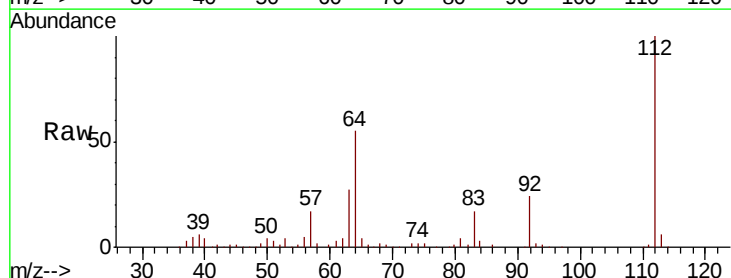


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

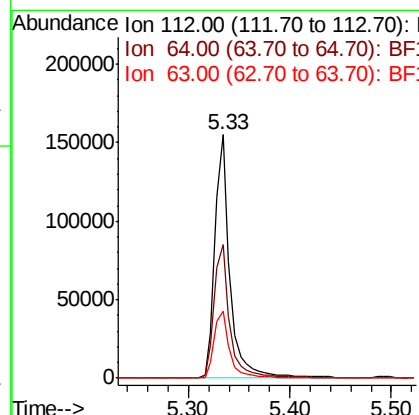
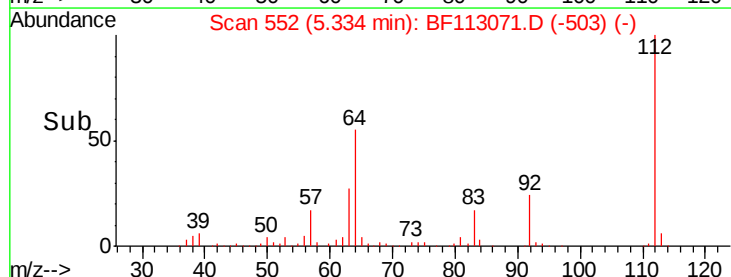


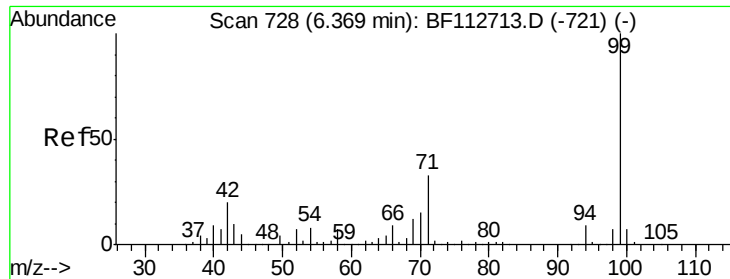
#5
 2-Fluorophenol
 Concen: 21.741 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Tgt Ion:112 Resp: 160620
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.6 71.4
 63 27.4 24.4 36.6



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: 23.064 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-B

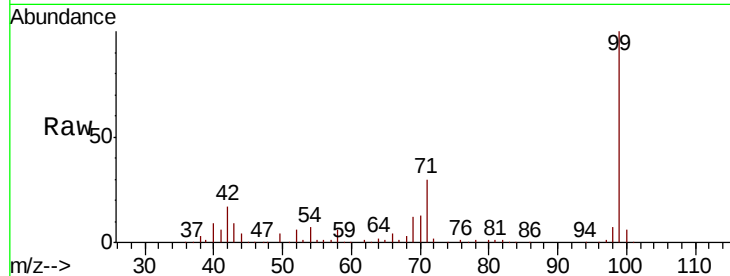
Tgt Ion: 99 Resp: 214049

Ion Ratio Lower Upper

99 100

42 17.1 16.3 24.5

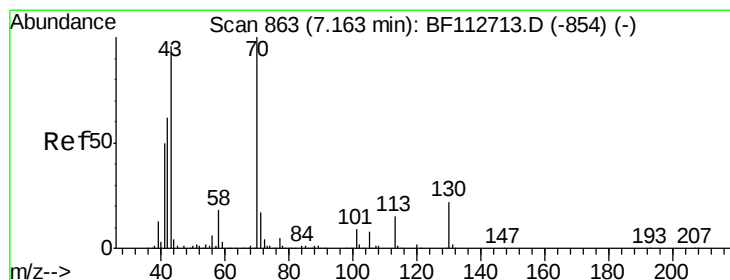
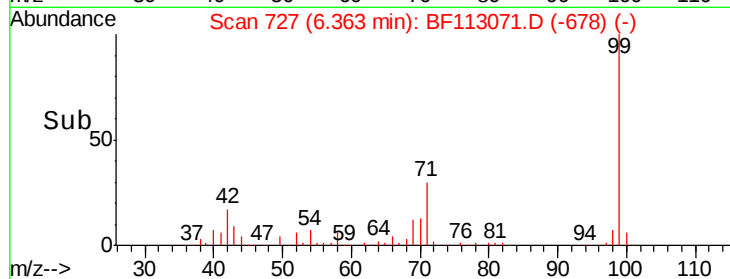
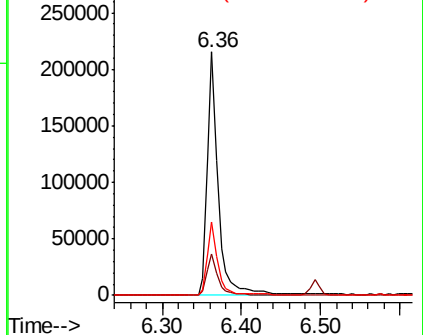
71 30.0 26.2 39.4



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: 2.378 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Tgt Ion: 70 Resp: 13978

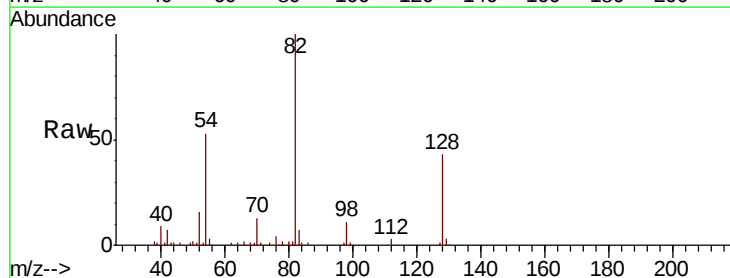
Ion Ratio Lower Upper

70 100

42 49.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.5 17.4 26.2#

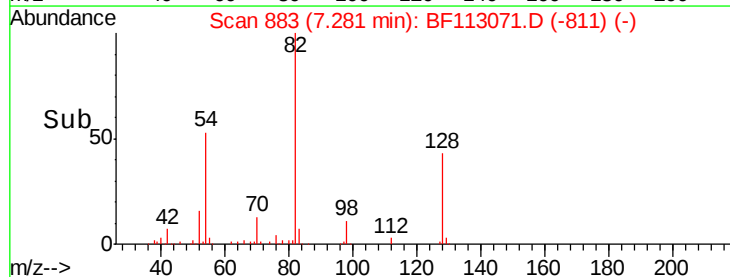
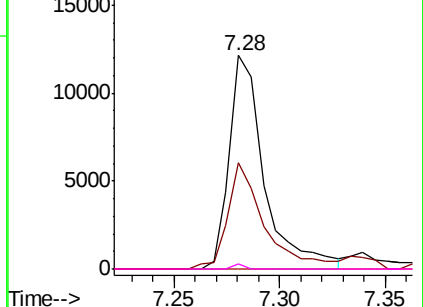


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

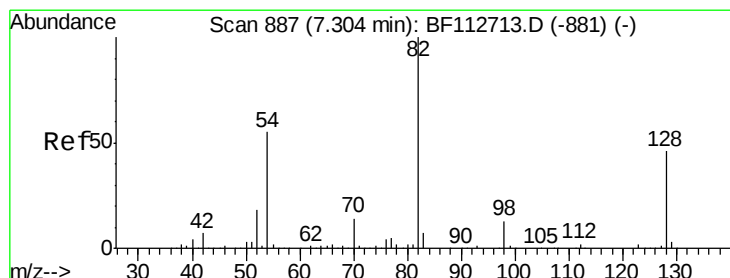
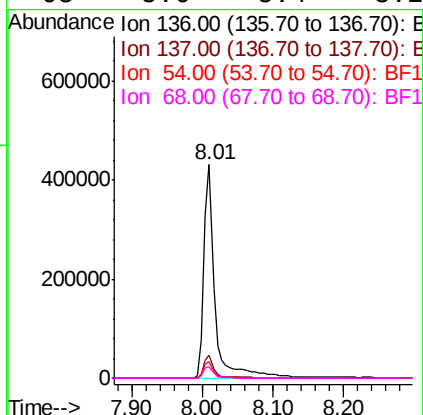
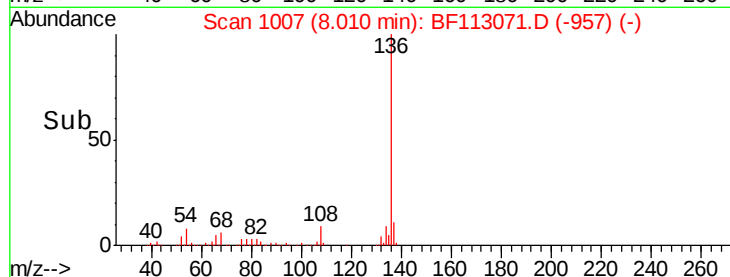
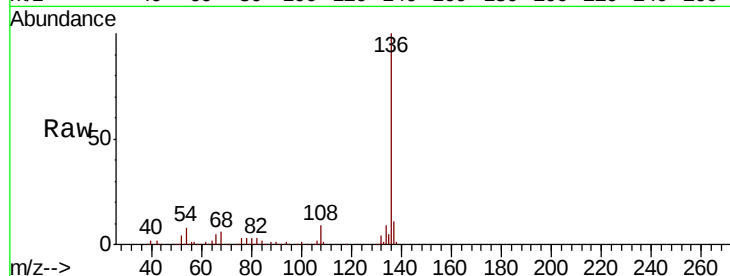




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113071.D
Acq: 15 Mar 2019 17:45

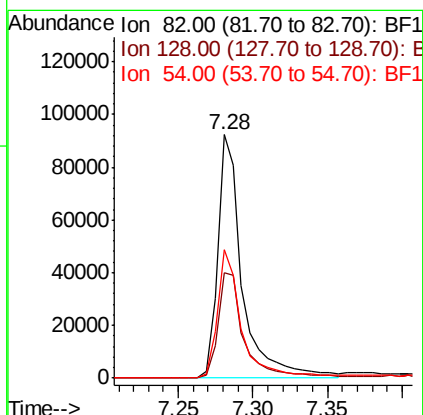
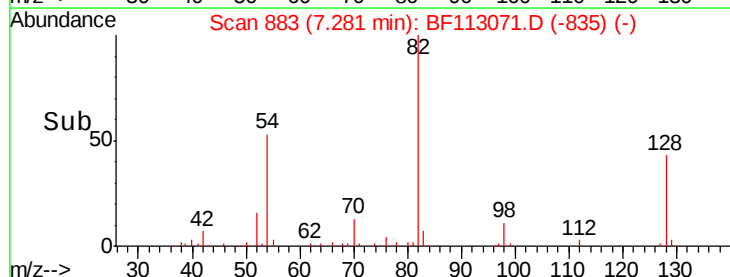
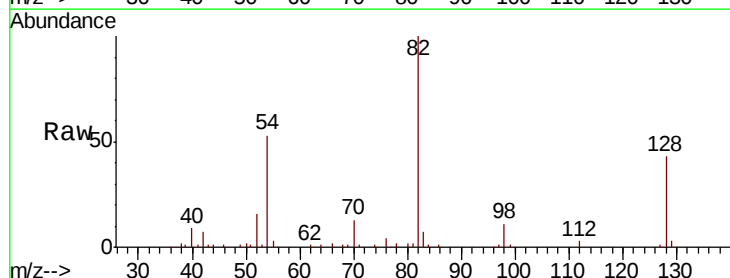
Instrument :
BNA_F
ClientSampleId :
AU-05-031419-B

Tgt Ion:	136	Resp:	479079
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	7.3	10.9
68	5.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 13.305 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113071.D
Acq: 15 Mar 2019 17:45

Tgt Ion:	82	Resp:	106520
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.3	54.5
54	53.0	43.7	65.5





#25

Isophorone

Concen: 6.176 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-B

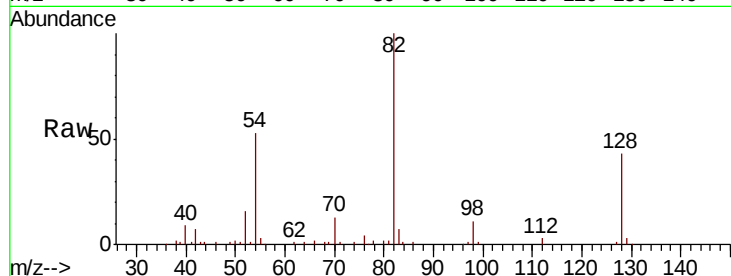
Tgt Ion: 82 Resp: 106519

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

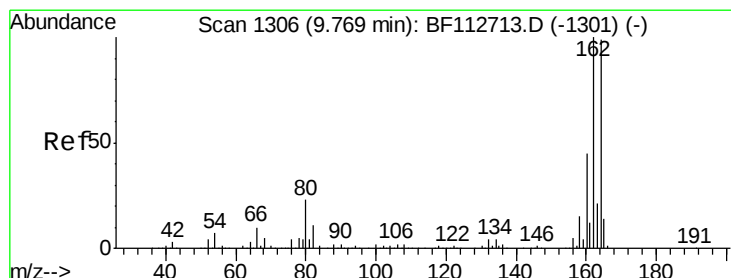
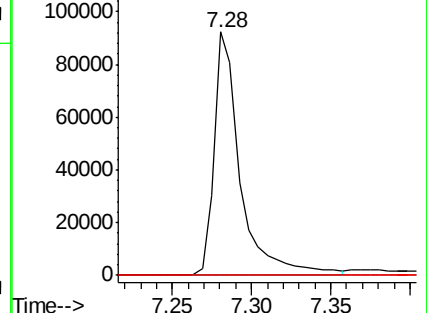
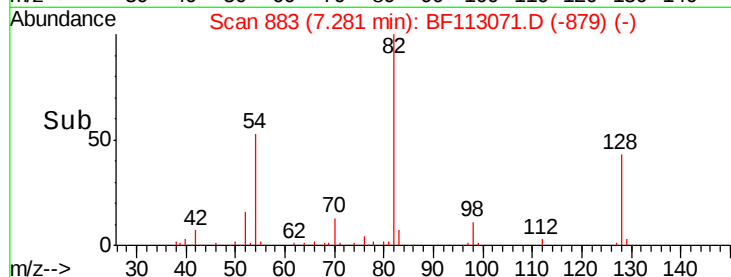
138 0.0 13.8 20.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

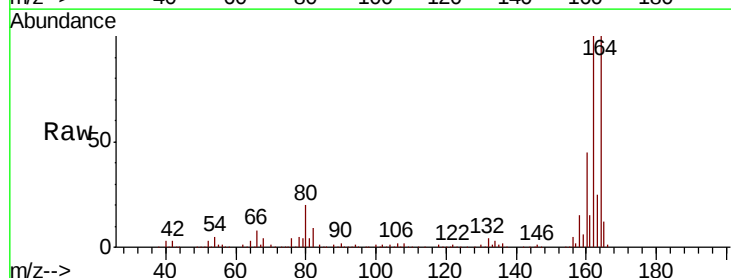
Tgt Ion: 164 Resp: 240279

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

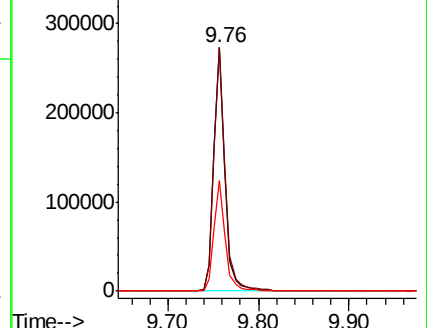
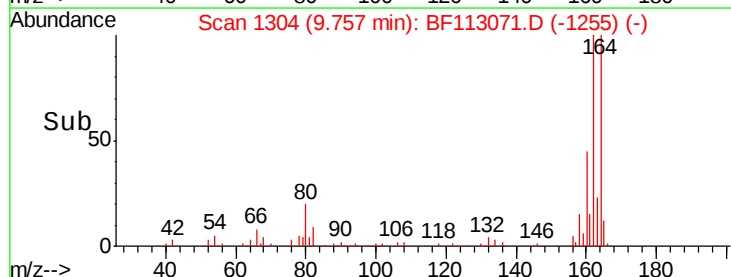
160 45.4 36.0 54.0

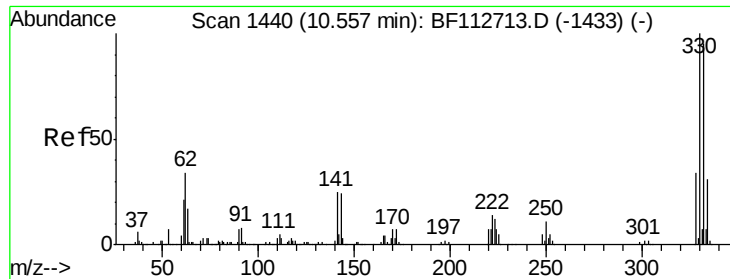


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

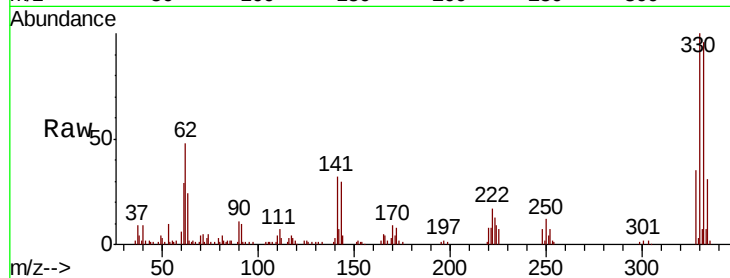




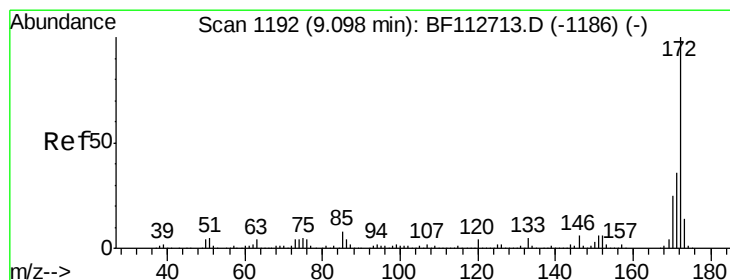
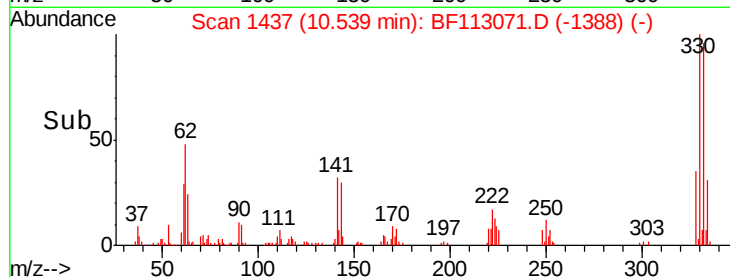
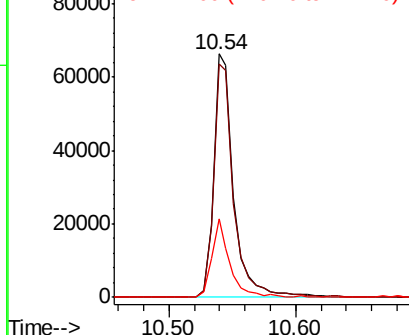
#42
 2,4,6-Tribromophenol
 Concen: 28.739 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

Tgt Ion:330 Resp: 73308
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 28.7 27.0 40.6

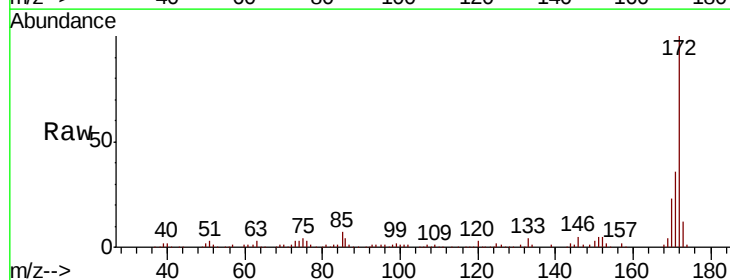


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

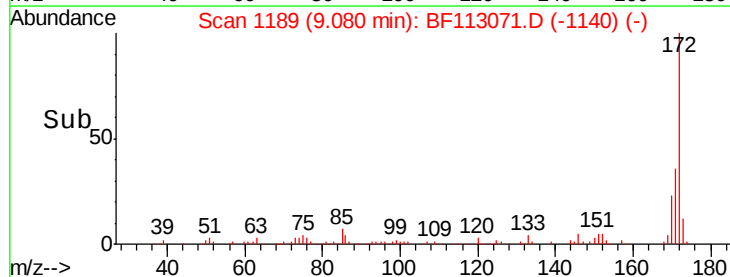
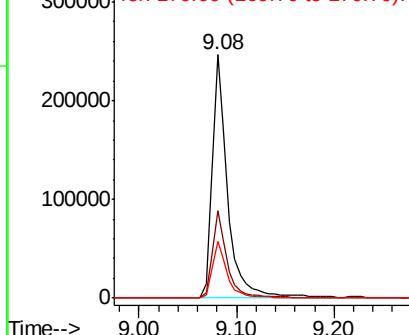


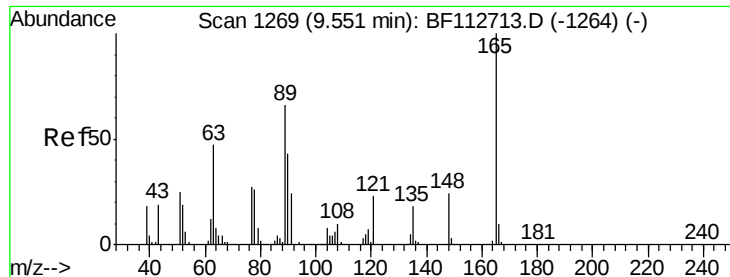
#45
 2-Fluorobiphenyl
 Concen: 14.266 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Tgt Ion:172 Resp: 271340
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 23.4 20.0 30.0



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: 8.190 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-B

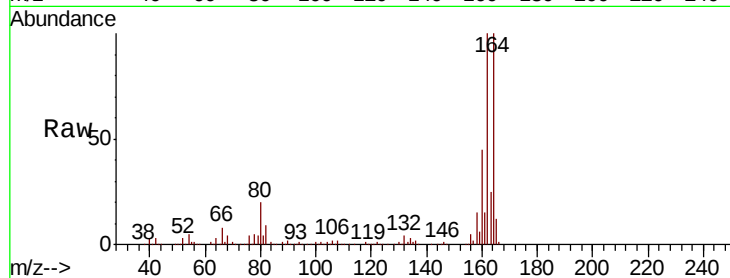
Tgt Ion:165 Resp: 30217

Ion Ratio Lower Upper

165 100

63 1.6 54.1 81.1#

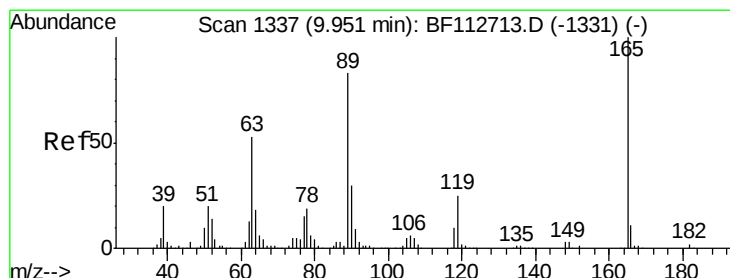
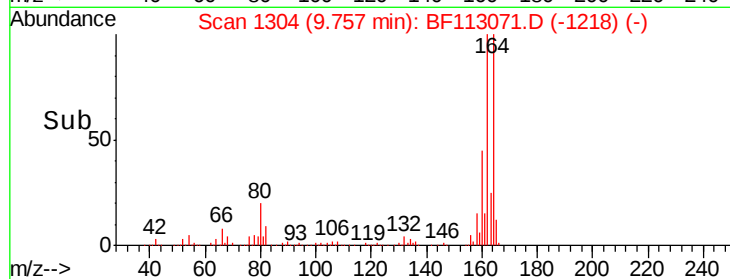
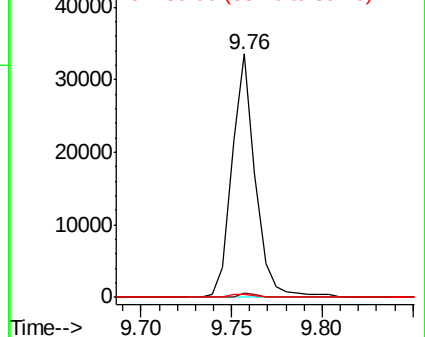
89 1.1 52.8 79.2#



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: 6.589 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.20 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Tgt Ion:165 Resp: 30217

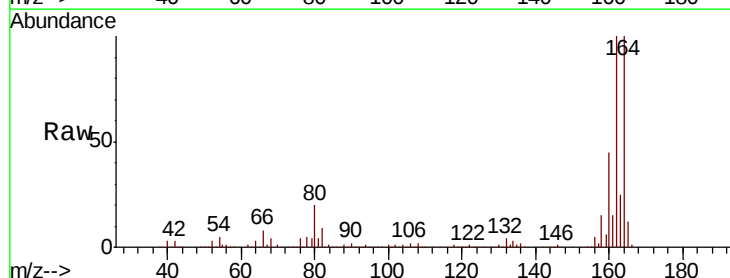
Ion Ratio Lower Upper

165 100

63 1.6 42.2 63.2#

89 1.1 66.2 99.4#

182 0.0 1.8 2.6#

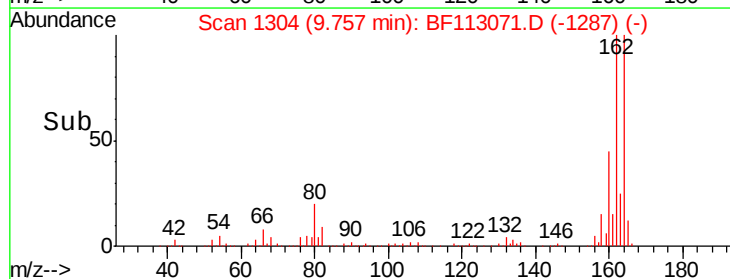
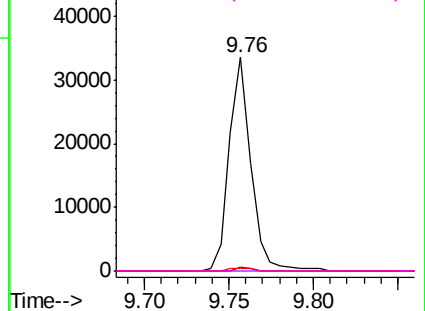


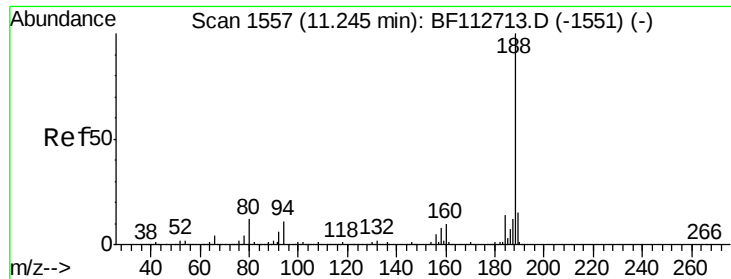
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-B

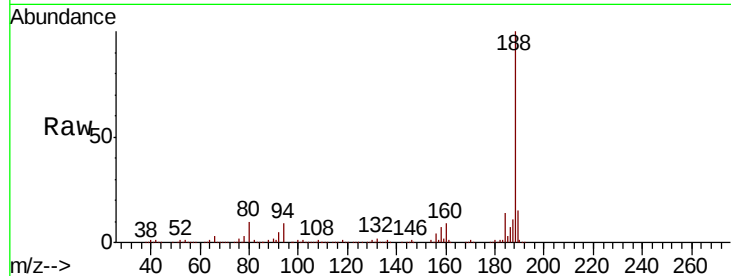
Tgt Ion:188 Resp: 499136

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

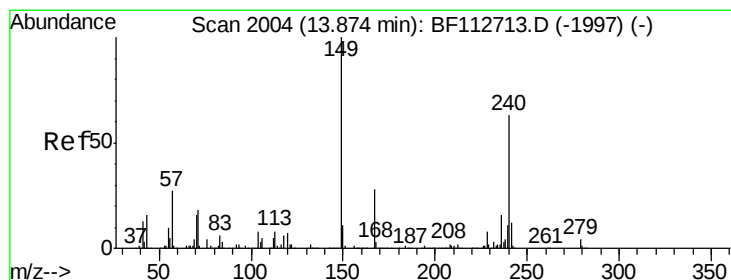
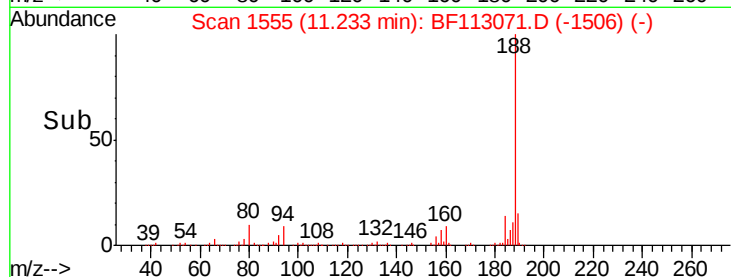
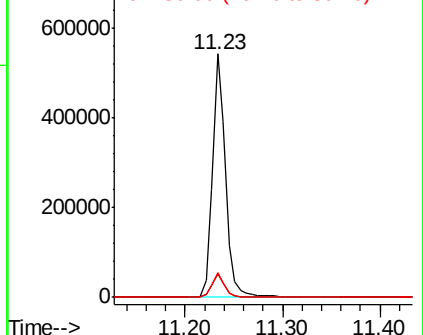
80 10.0 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

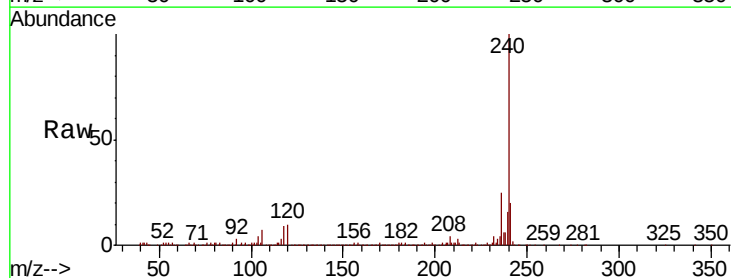
Tgt Ion:240 Resp: 396569

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

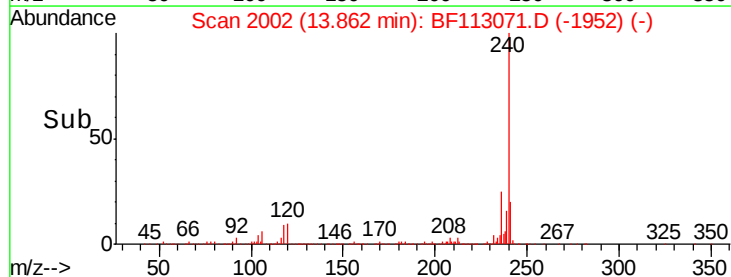
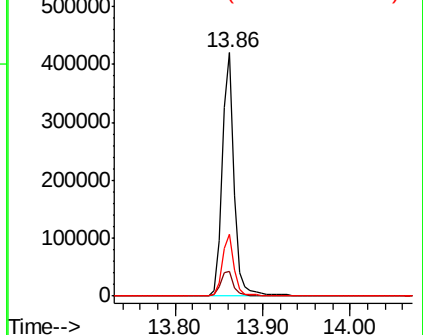
236 25.4 20.7 31.1

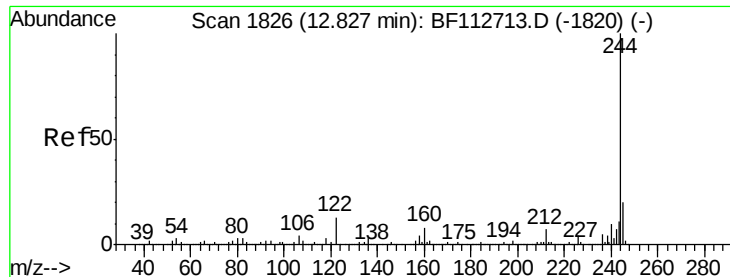


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

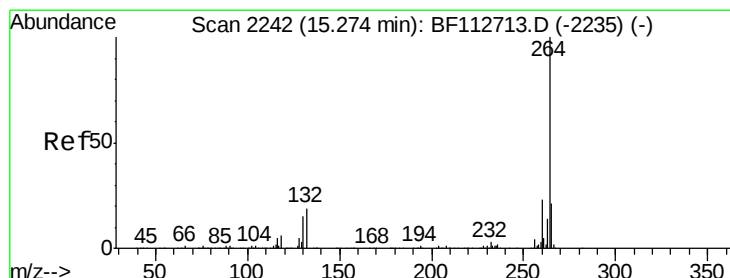
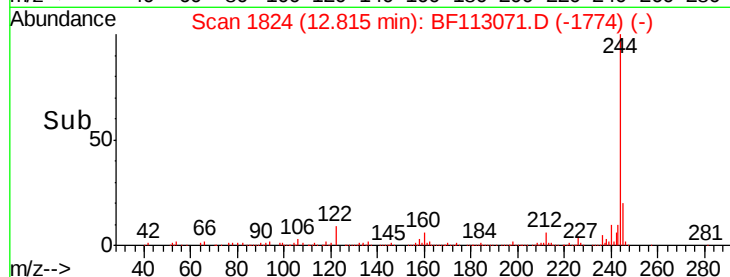
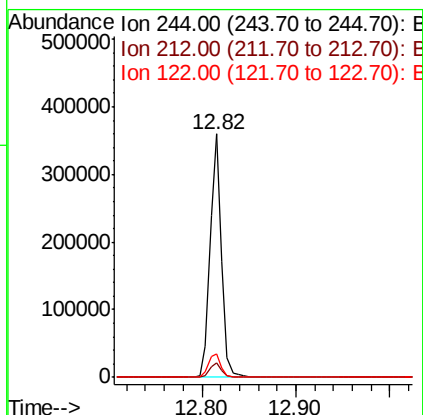
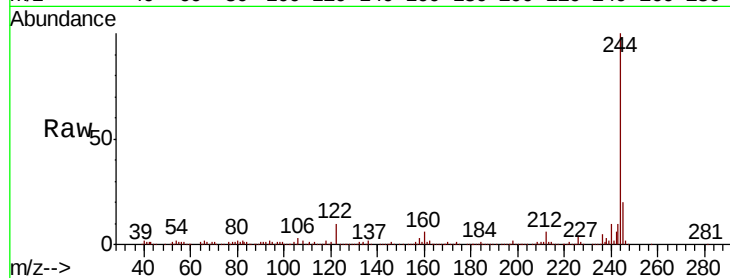




#79
 Terphenyl-d14
 Concen: 15.009 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

Tgt Ion: 244 Resp: 307043
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 9.6 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Tgt Ion: 264 Resp: 382758
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.2 17.2 25.8

