

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\NOT REVIEWED DATA\
 Data File : BF112418.D
 Acq On : 6 Feb 2019 14:25
 Operator : JU/SJ
 Sample : K1338-01 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Quant Time: Feb 07 00:57:49 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

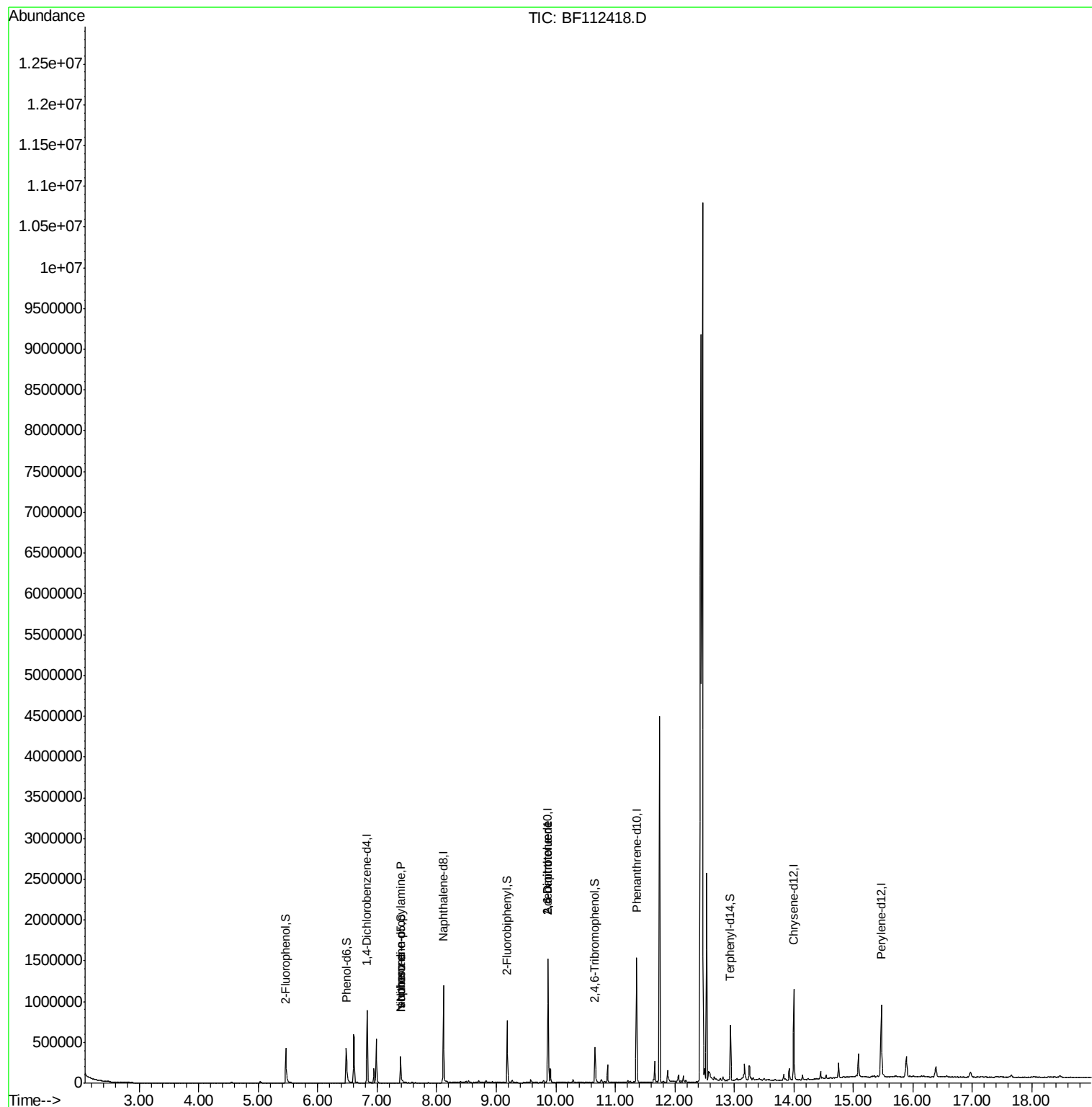
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	152959	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	589296	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	288191	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	557308	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	363017	20.00	ng	-0.01
87) Perylene-d12	15.47	264	333212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	157141	21.82	ng	-0.02
7) Phenol-d6	6.48	99	201741	20.16	ng	-0.01
23) Nitrobenzene-d5	7.39	82	119086	11.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	60835	18.14	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	238118	11.69	ng	-0.02
79) Terphenyl-d14	12.94	244	231630	12.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	15771	2.286	ng	# 76
25) Isophorone	7.39	82	119085	7.422	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	37804	7.539	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	37804	5.922	ng	# 32

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\NOT REVIEWED DATA\
Data File : BF112418.D
Acq On : 6 Feb 2019 14:25
Operator : JU/SJ
Sample : K1338-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-020519-A

Quant Time: Feb 07 00:57:49 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



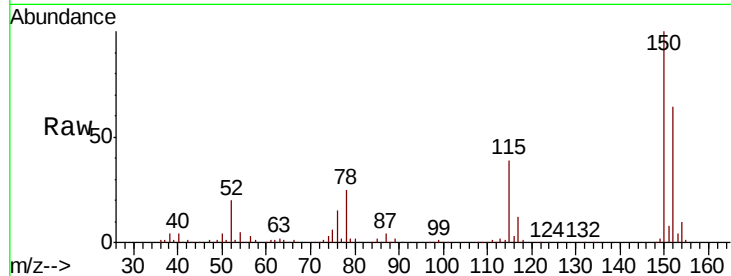


#1

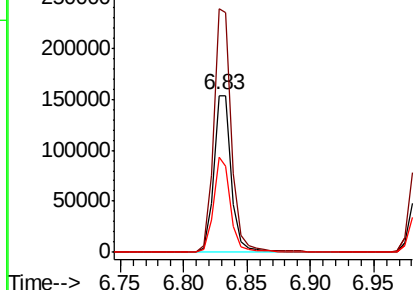
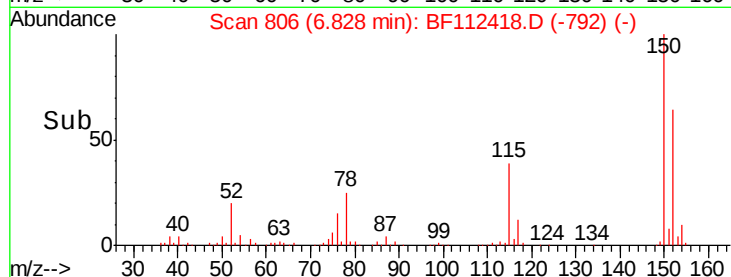
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Tgt Ion:152 Resp: 152959
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.0
 115 60.5 45.5 68.3



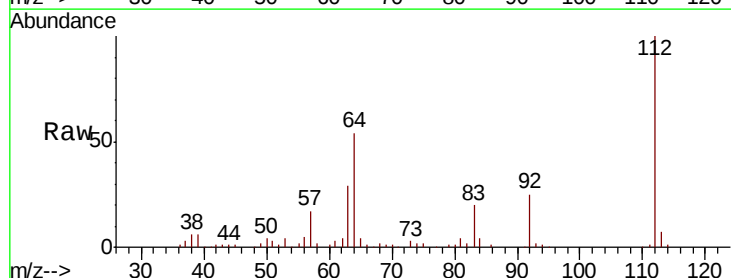
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



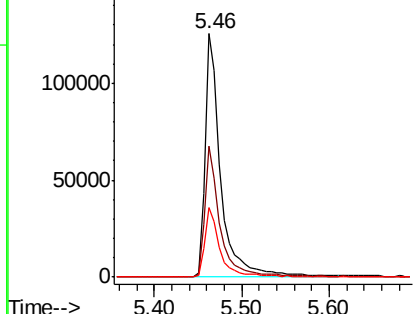
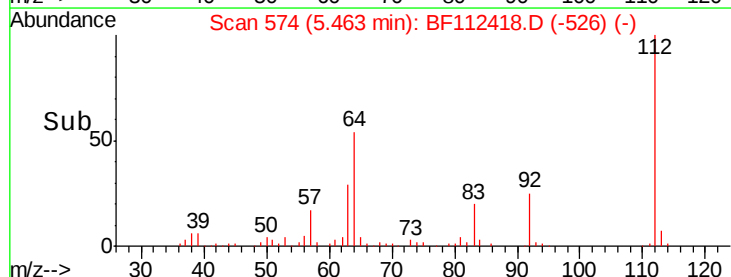
#5

2-Fluorophenol
 Concen: 21.821 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Tgt Ion:112 Resp: 157141
 Ion Ratio Lower Upper
 112 100
 64 53.8 45.7 68.5
 63 28.7 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: 20.161 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-A

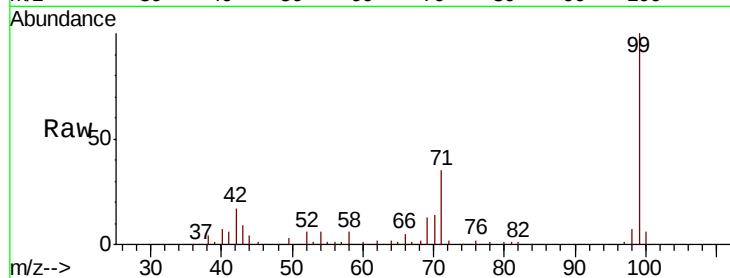
Tgt Ion: 99 Resp: 201741

Ion Ratio Lower Upper

99 100

42 16.9 15.1 22.7

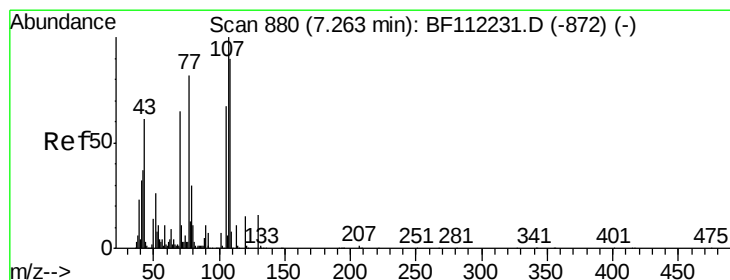
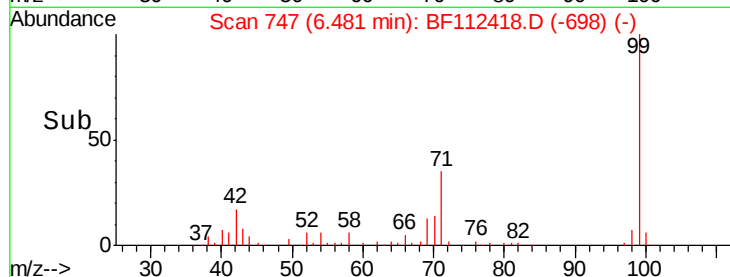
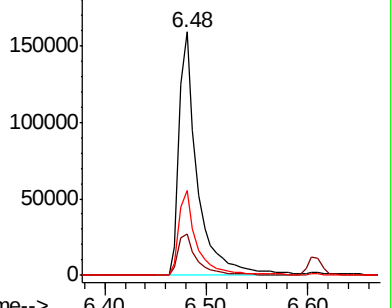
71 34.8 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.286 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Tgt Ion: 70 Resp: 15771

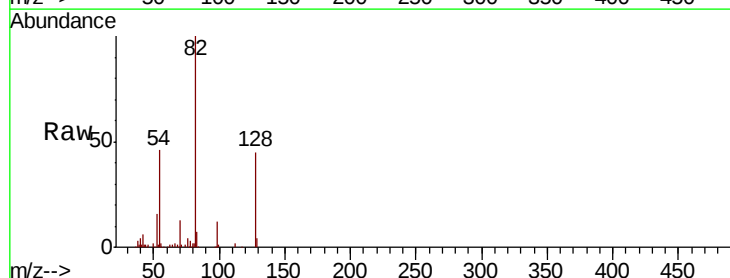
Ion Ratio Lower Upper

70 100

42 48.7 47.6 71.4

101 0.0 7.9 11.9#

130 0.0 18.4 27.6#

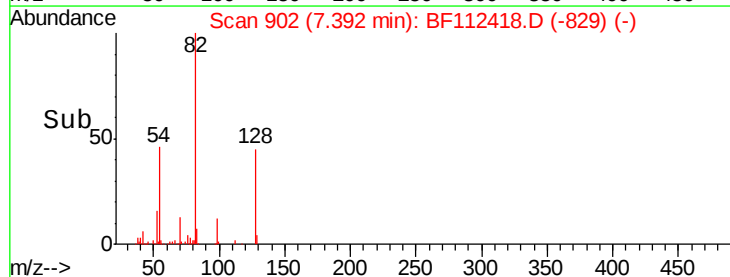
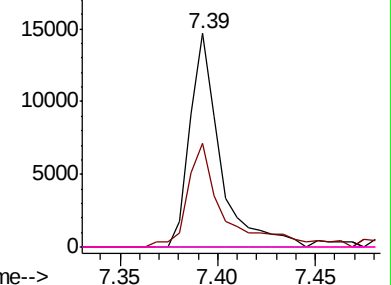


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-A

Tgt Ion:136 Resp: 589296

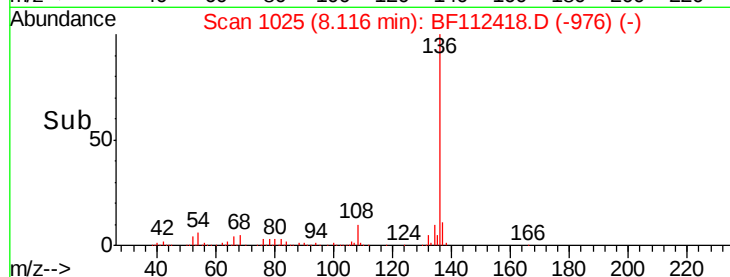
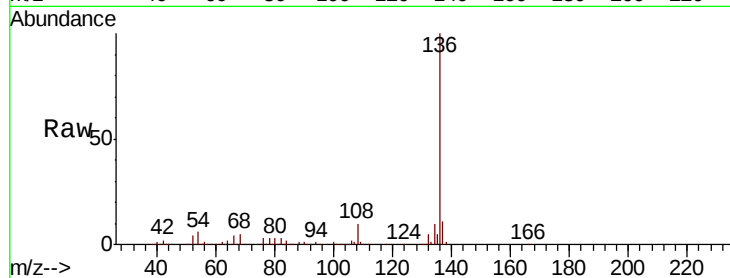
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.9 8.9#

68 4.8 5.1 7.7#

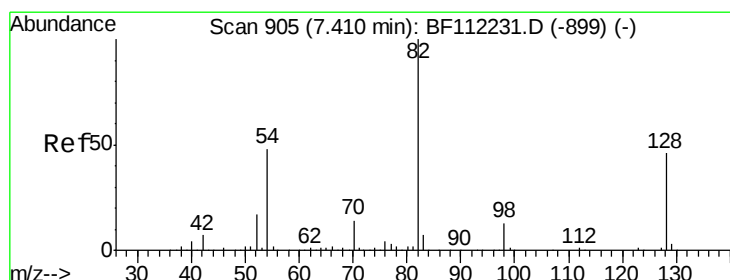
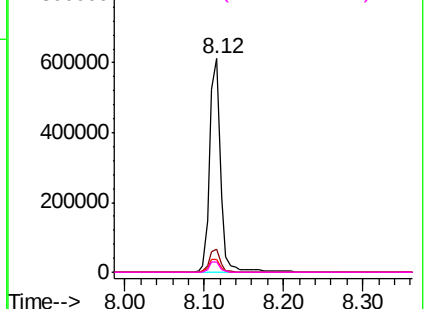


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.644 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

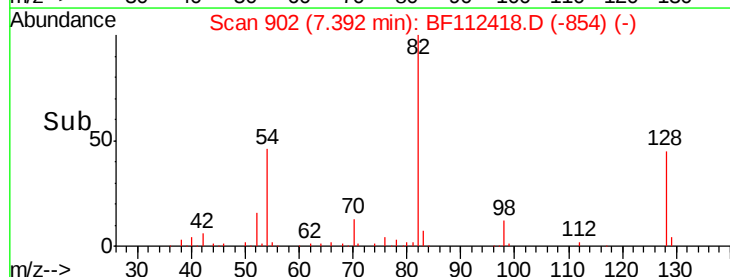
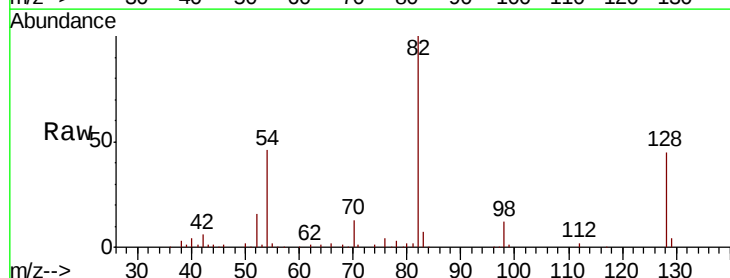
Tgt Ion: 82 Resp: 119086

Ion Ratio Lower Upper

82 100

128 44.6 37.8 56.8

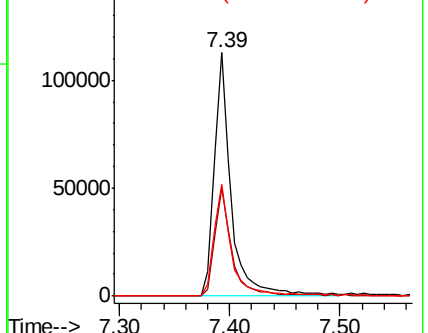
54 45.7 39.7 59.5



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: 7.422 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-A

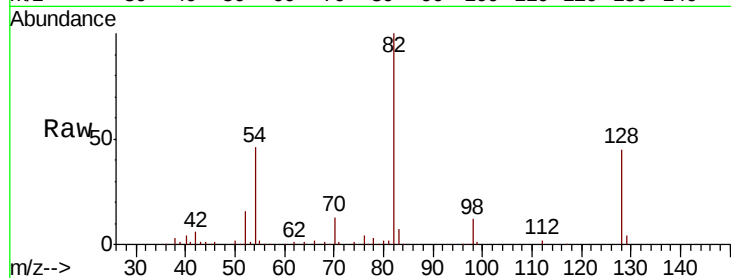
Tgt Ion: 82 Resp: 119085

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

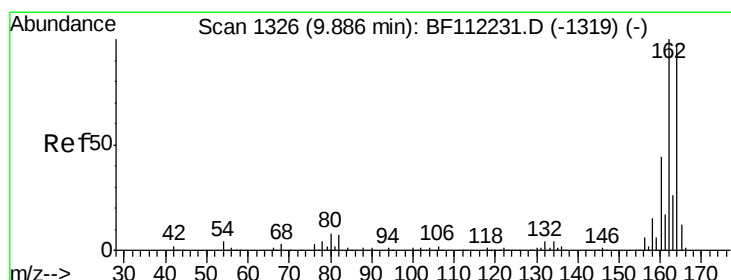
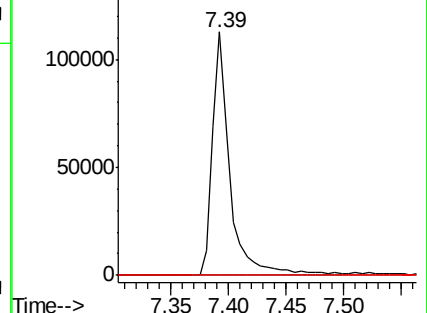
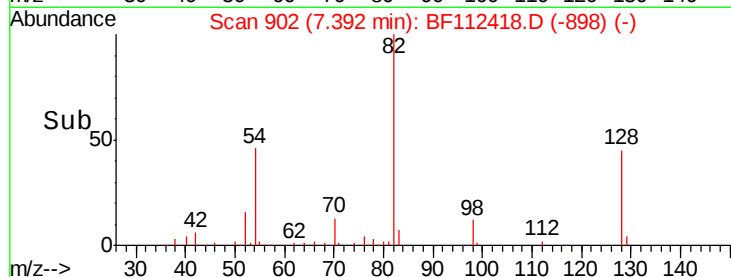
138 0.0 15.4 23.0#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

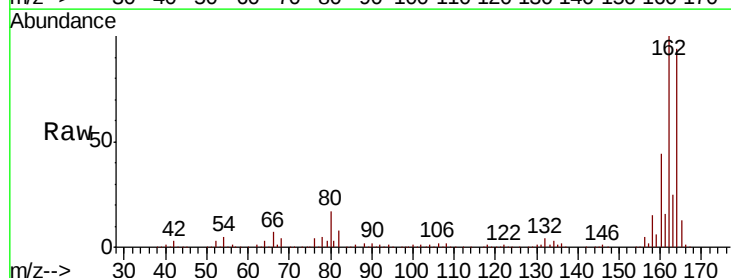
Tgt Ion: 164 Resp: 288191

Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.4

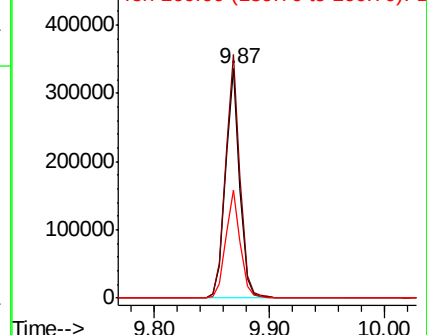
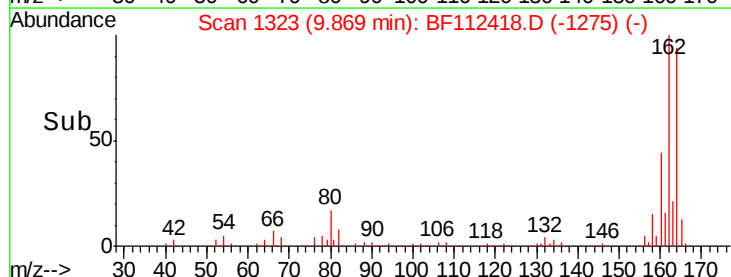
160 47.1 36.2 54.4



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

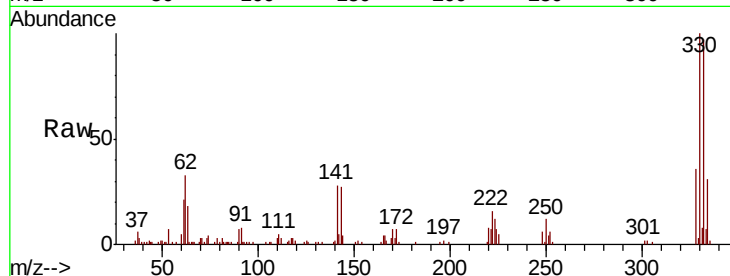




#42
 2,4,6-Tribromophenol
 Concen: 18.136 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	31.9	24.3	36.5

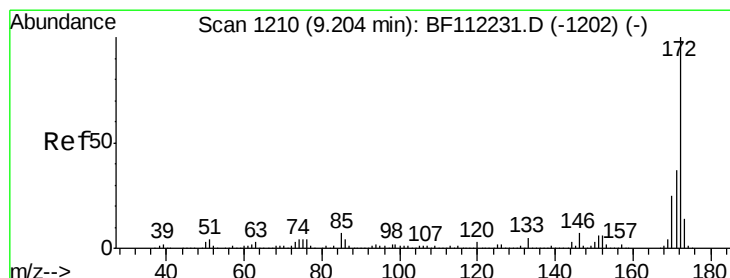
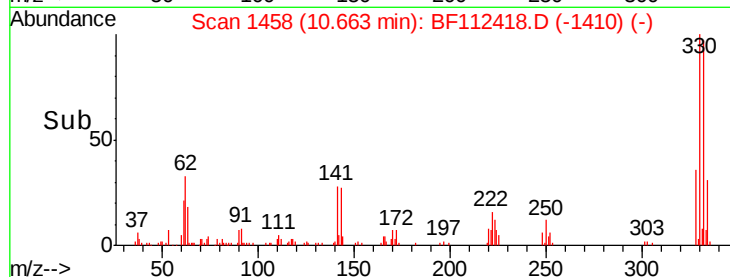
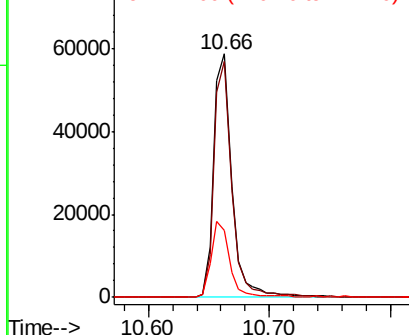


Abundance

Ion 329.80 (329.50 to 330.50): E

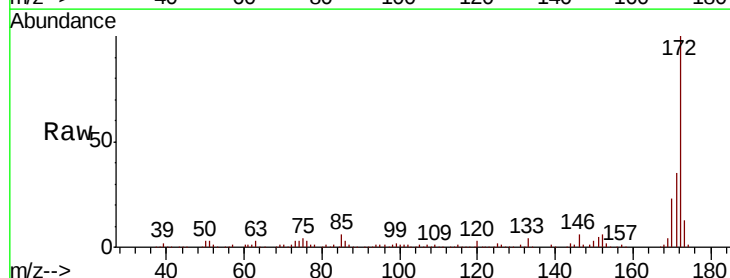
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 11.686 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	22.9	20.2	30.4

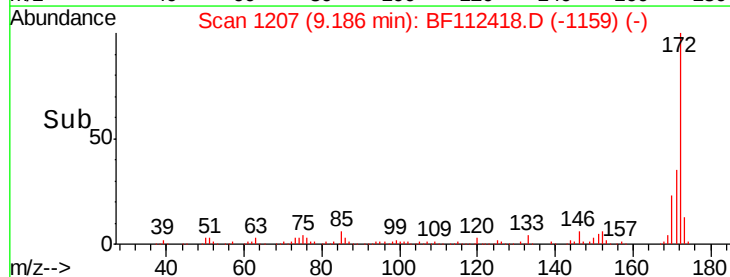
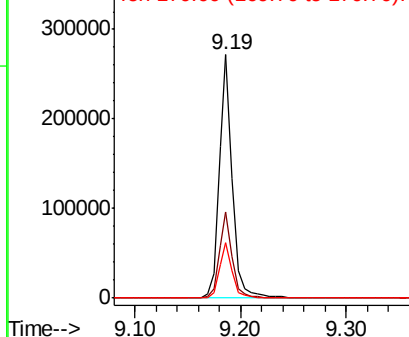


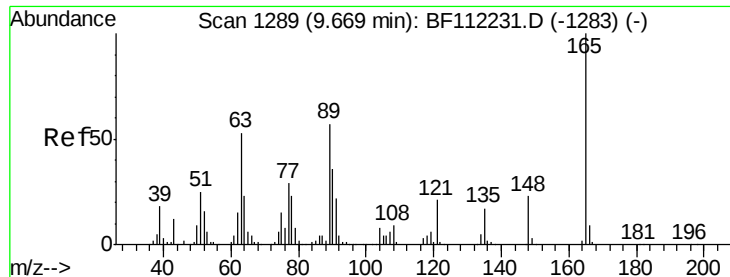
Abundance

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

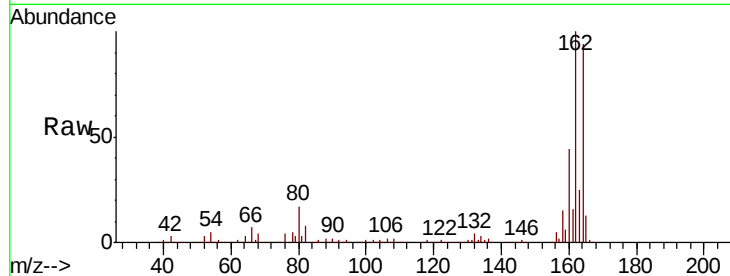




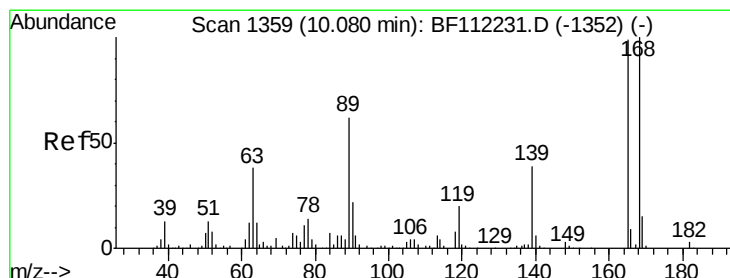
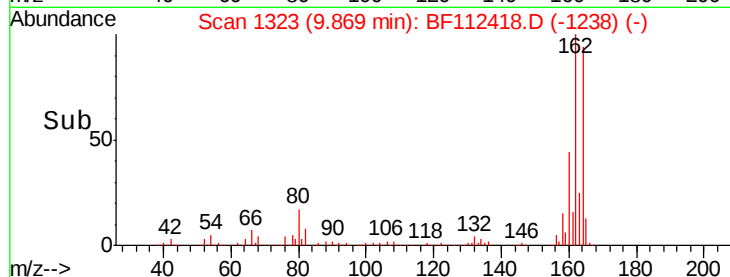
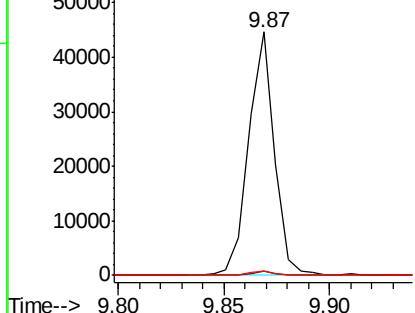
#51
 2,6-Dinitrotoluene
 Concen: 7.539 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.8#
89	1.6	36.9	55.3#



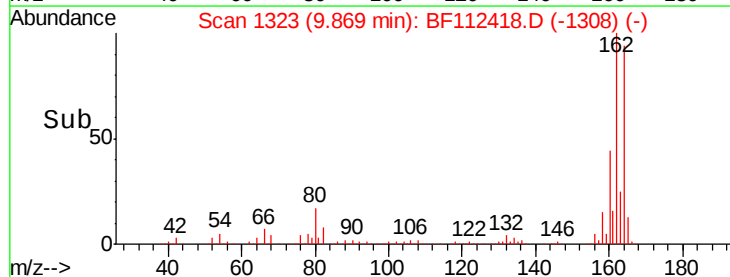
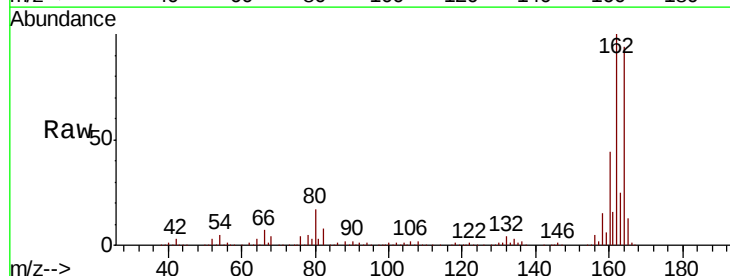
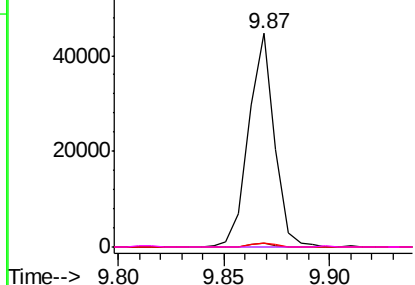
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112418.D
 Acq: 6 Feb 2019 14:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.9	41.9#
89	1.6	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

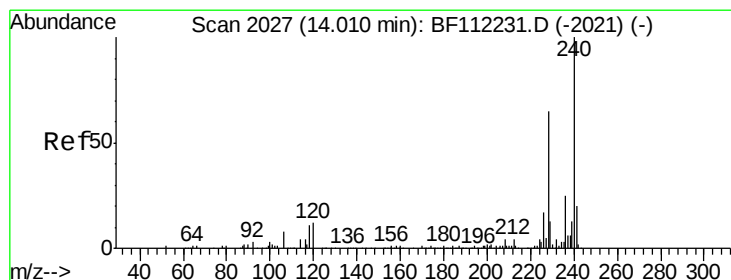
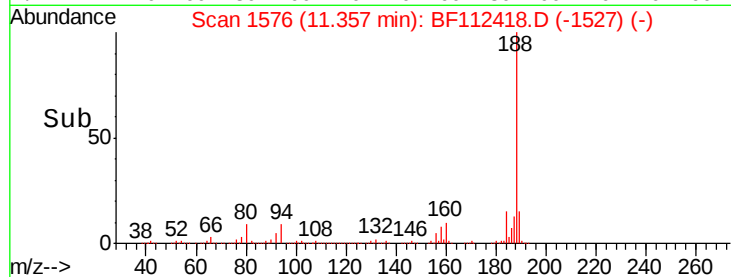
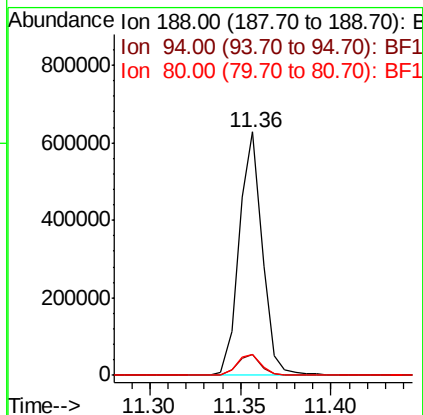
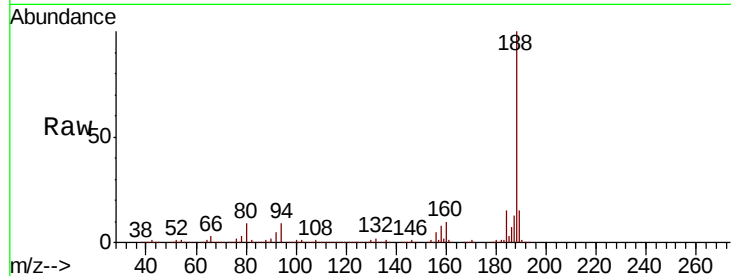




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112418.D
Acq: 6 Feb 2019 14:25

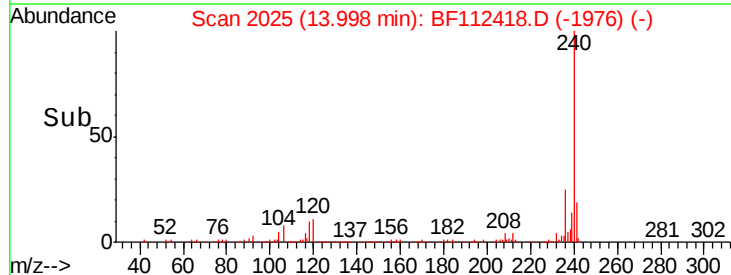
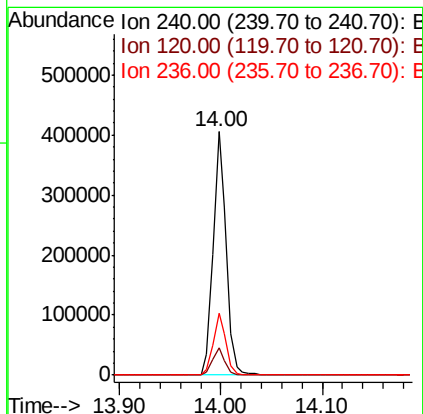
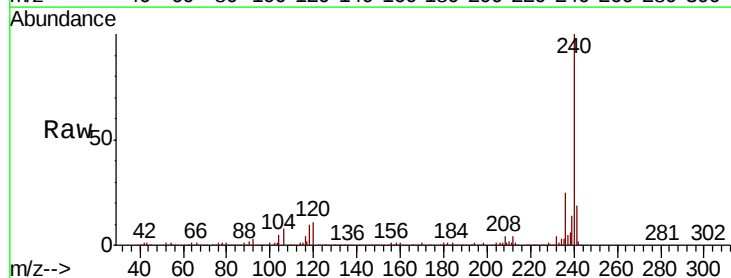
Instrument :
BNA_F
ClientSampleId :
AU-06-020519-A

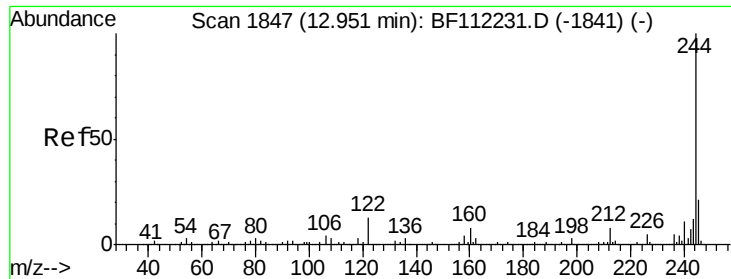
Tgt Ion:188 Resp: 557308
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112418.D
Acq: 6 Feb 2019 14:25

Tgt Ion:240 Resp: 363017
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 12.018 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-A

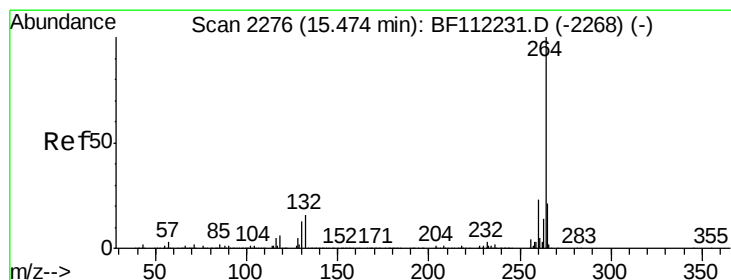
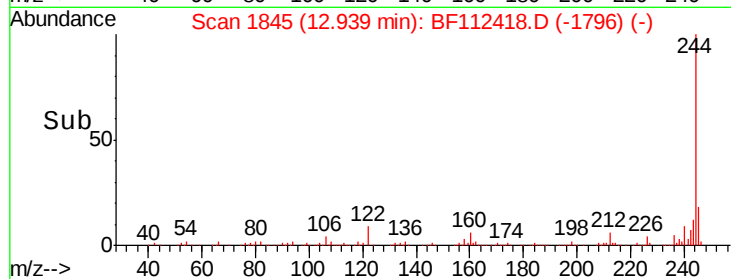
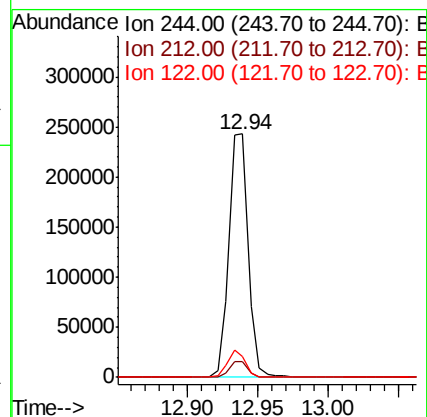
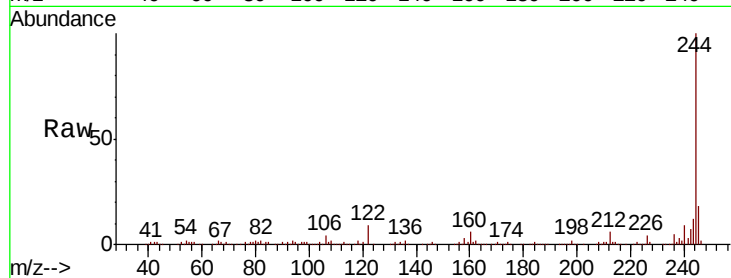
Tgt Ion:244 Resp: 231630

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 8.8 9.8 14.6#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112418.D

Acq: 6 Feb 2019 14:25

Tgt Ion:264 Resp: 333212

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 21.6 17.0 25.4

