

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
 Data File : BF112652.D
 Acq On : 21 Feb 2019 15:02
 Operator : JU/SJ
 Sample : K1344-03 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-022019-B

Quant Time: Feb 21 21:48:09 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

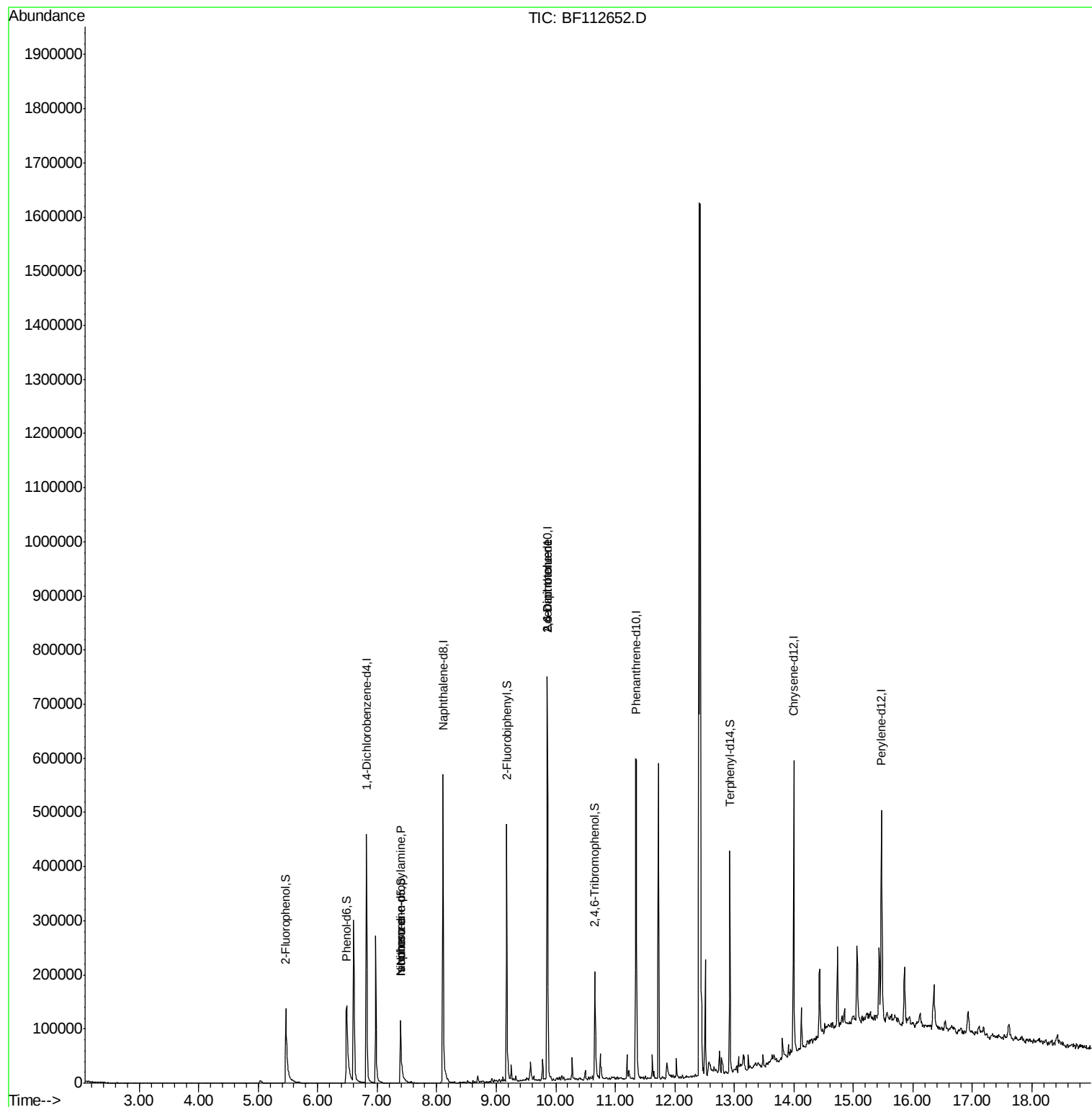
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79597	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	321517	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	152200	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	261681	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	183927	20.00	ng	-0.01
87) Perylene-d12	15.47	264	193715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	85274	22.76	ng	-0.02
7) Phenol-d6	6.49	99	110765	21.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	70055	12.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	32105	18.12	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	164959	15.33	ng	-0.03
79) Terphenyl-d14	12.93	244	137612	14.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	9375	2.611	ng	# 79
25) Isophorone	7.39	82	70055	8.003	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	19551	7.382	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	19551	5.799	ng	# 32

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF112652.D

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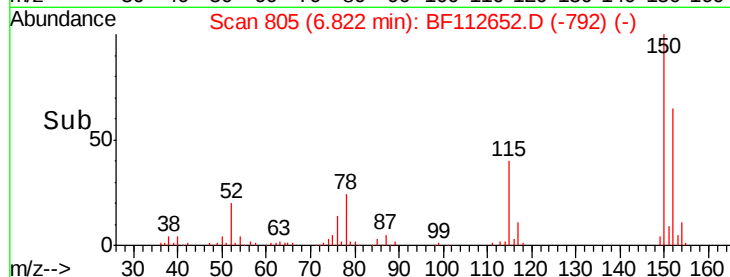
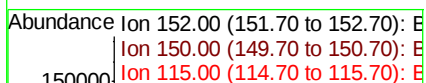
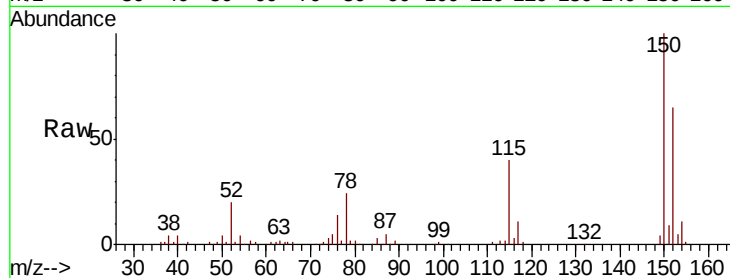
Tgt Ion:152 Resp: 79597

Ion Ratio Lower Upper

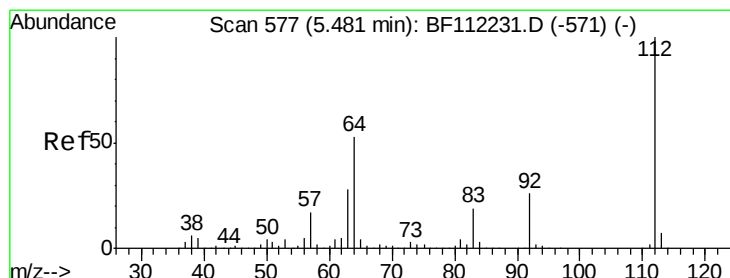
152 100

150 154.3 127.4 191.0

115 61.7 45.5 68.3



Time-->



#5

2-Fluorophenol

Concen: 22.756 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

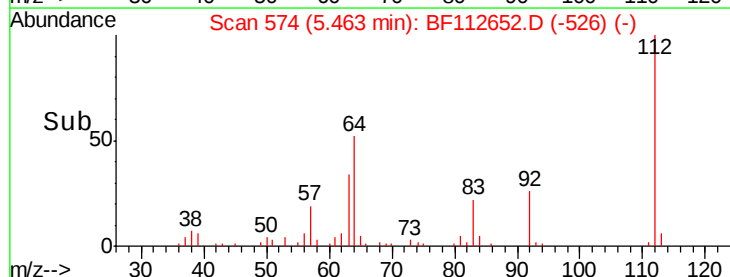
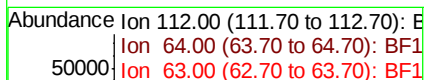
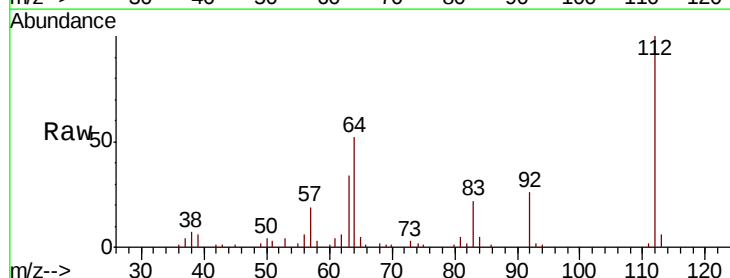
Tgt Ion:112 Resp: 85274

Ion Ratio Lower Upper

112 100

64 52.4 45.7 68.5

63 33.5 23.6 35.4



Time-->



#7

Phenol-d6

Concen: 21.272 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

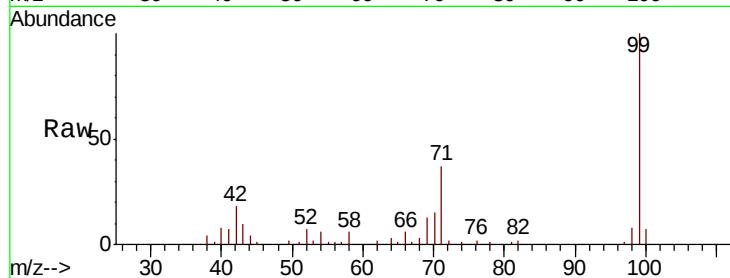
Tgt Ion: 99 Resp: 110765

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

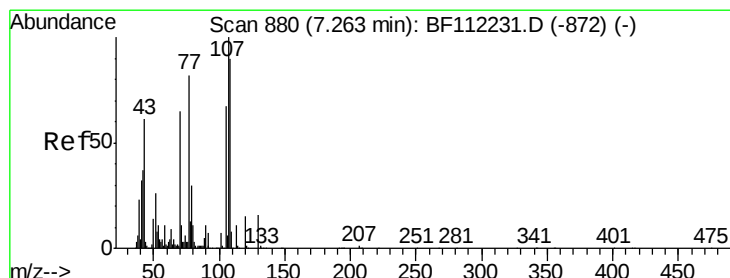
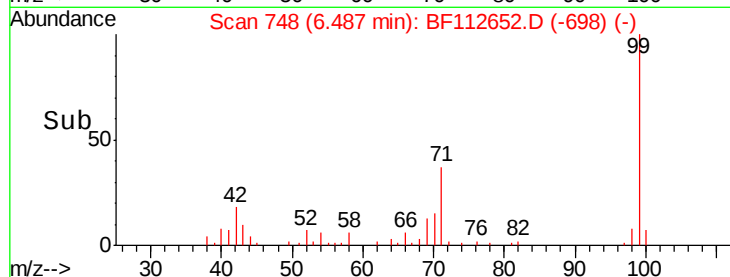
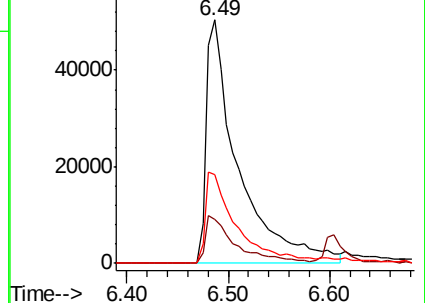
71 36.6 26.9 40.3



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: 2.611 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Tgt Ion: 70 Resp: 9375

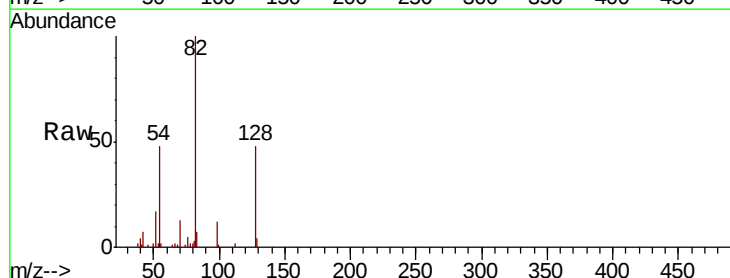
Ion Ratio Lower Upper

70 100

42 52.1 47.6 71.4

101 0.0 7.9 11.9#

130 0.0 18.4 27.6#

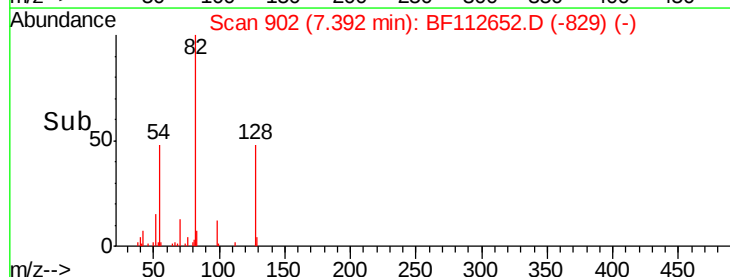
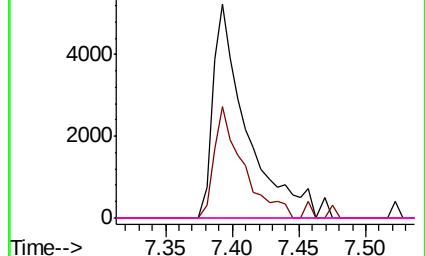


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

Tgt Ion: 136 Resp: 321517

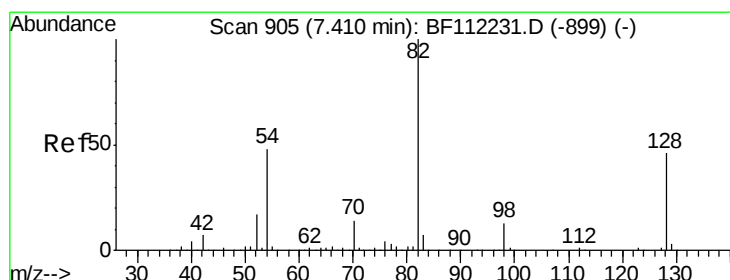
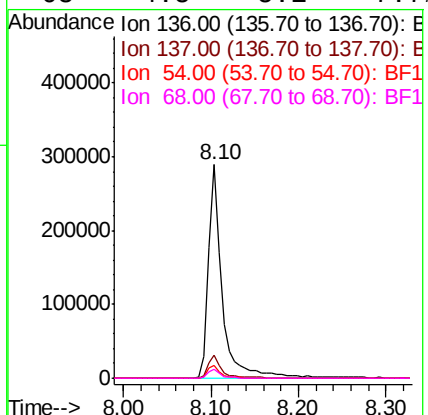
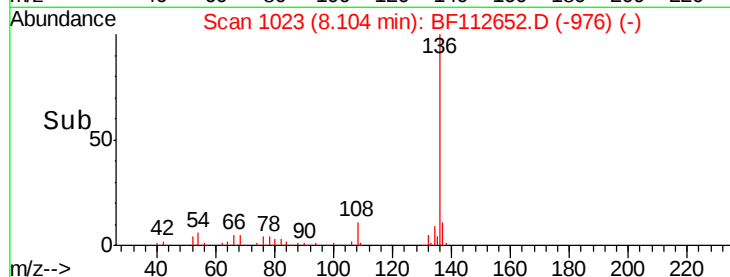
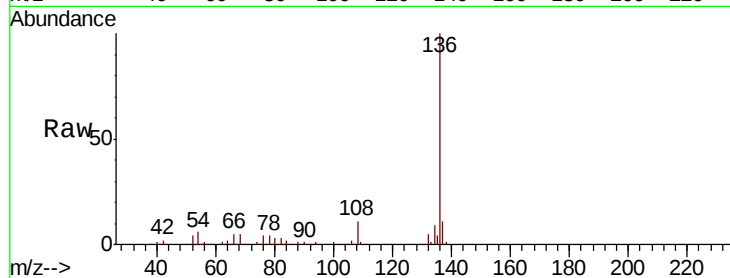
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.0 5.9 8.9

68 4.5 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 12.555 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

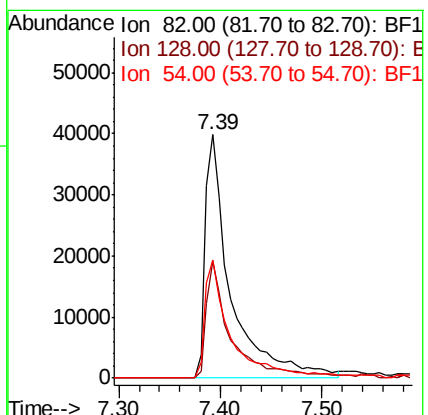
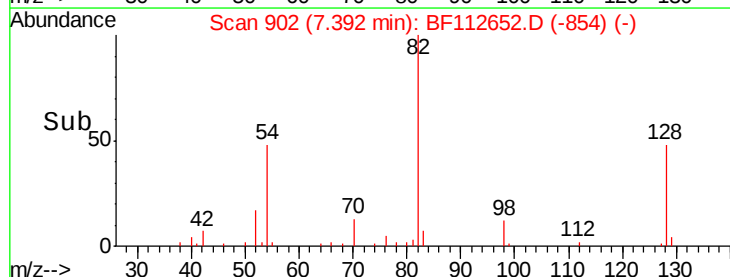
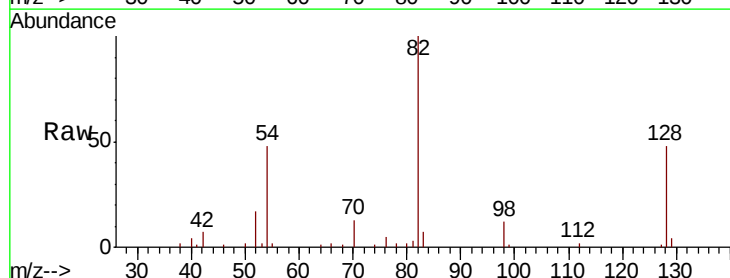
Tgt Ion: 82 Resp: 70055

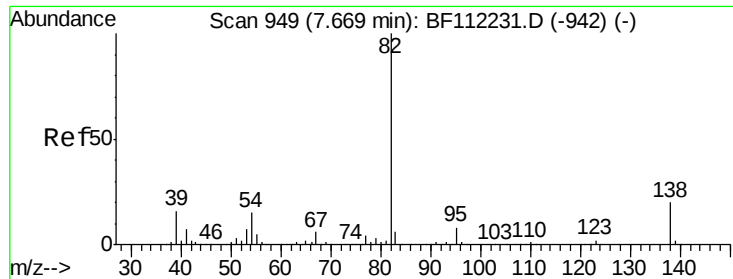
Ion Ratio Lower Upper

82 100

128 47.8 37.8 56.8

54 48.4 39.7 59.5





#25

Isophorone

Concen: 8.003 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

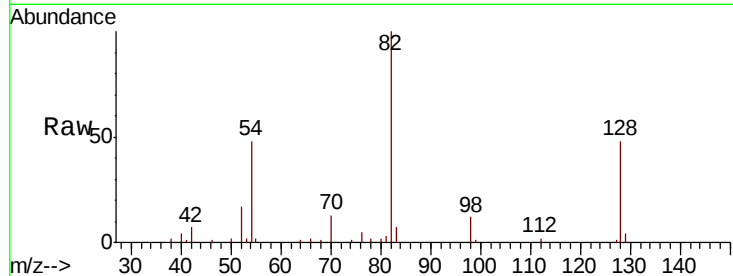
Tgt Ion: 82 Resp: 70055

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

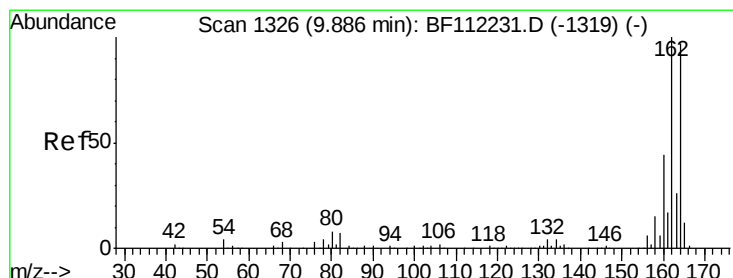
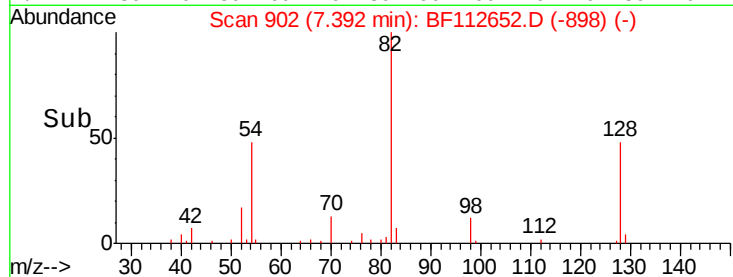
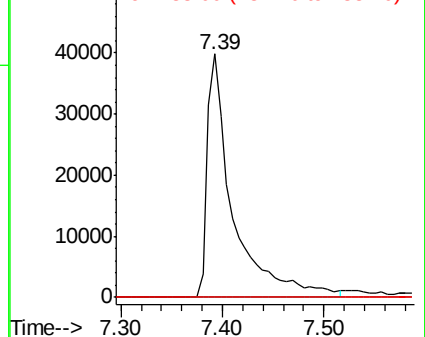
138 0.0 15.4 23.0#



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: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

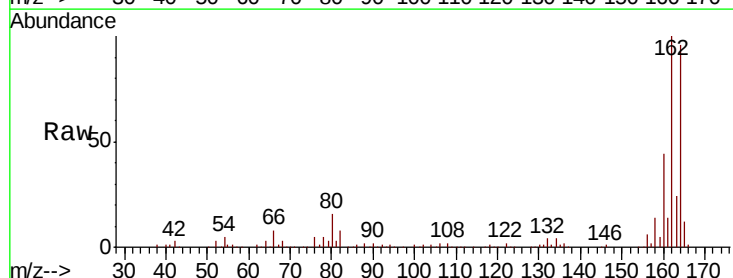
Tgt Ion: 164 Resp: 152200

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.4

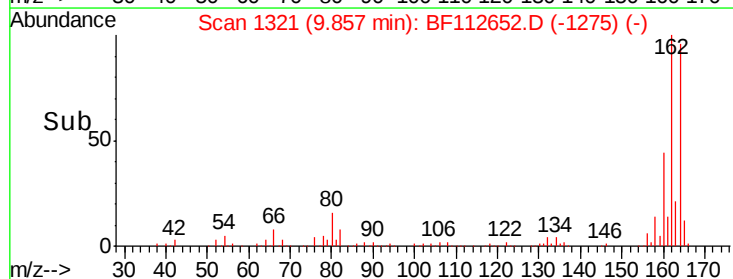
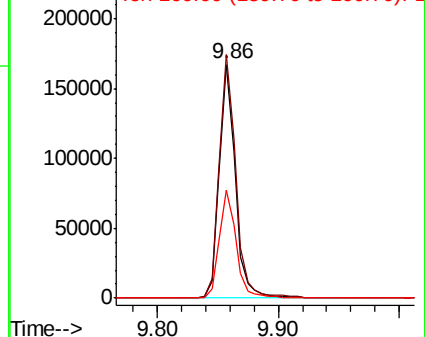
160 45.9 36.2 54.4



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: 18.122 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

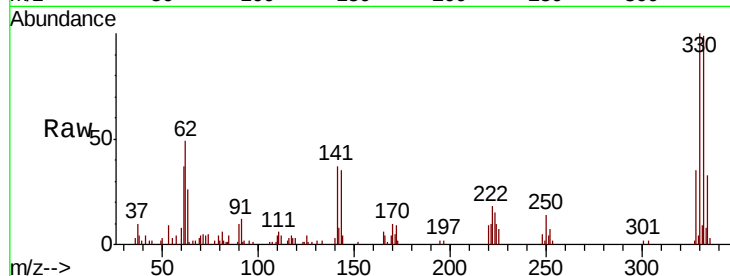
Tgt Ion:330 Resp: 32105

Ion Ratio Lower Upper

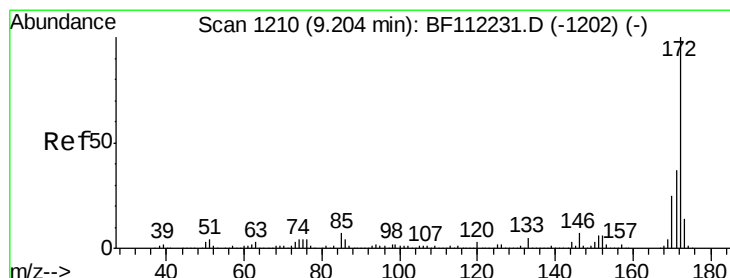
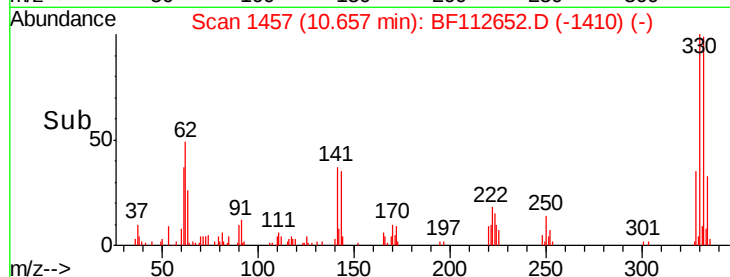
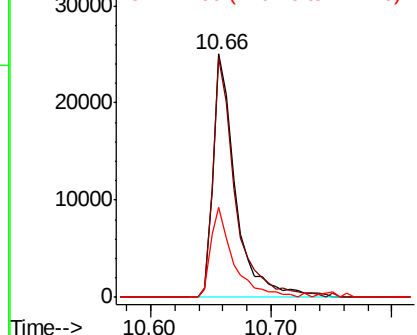
330 100

332 98.0 76.6 114.8

141 37.2 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: 15.329 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

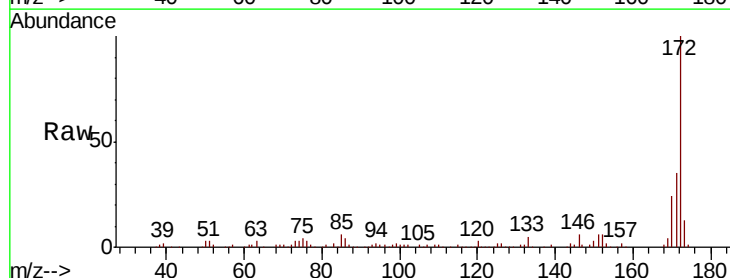
Tgt Ion:172 Resp: 164959

Ion Ratio Lower Upper

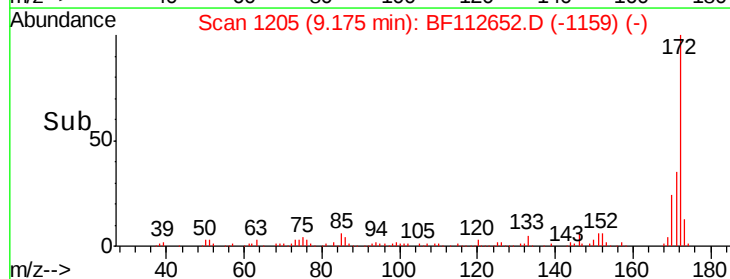
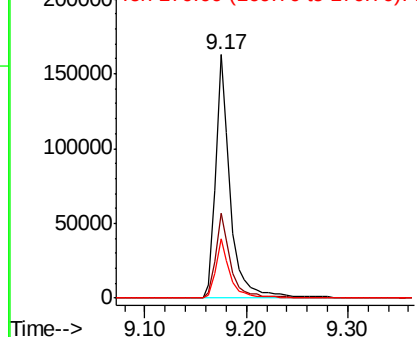
172 100

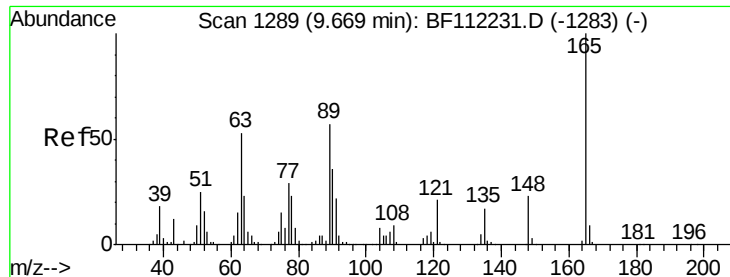
171 34.9 30.5 45.7

170 24.1 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: 7.382 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.19 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

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NB-08-022019-B

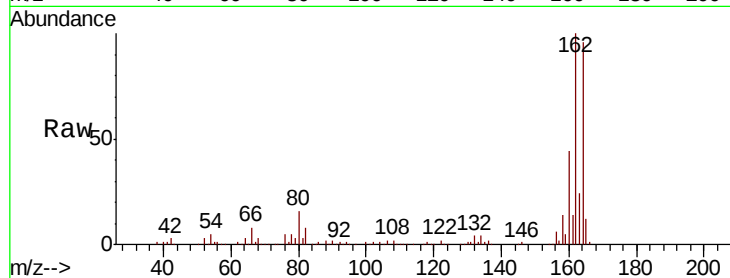
Tgt Ion:165 Resp: 19551

Ion Ratio Lower Upper

165 100

63 1.6 33.8 50.8#

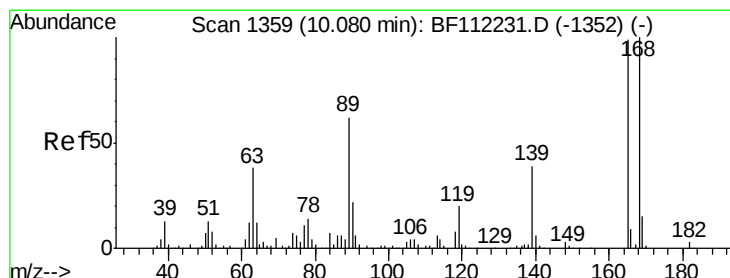
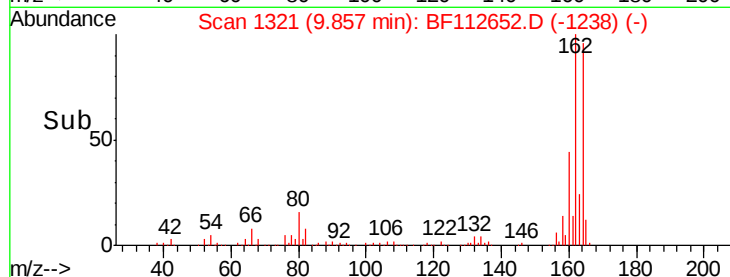
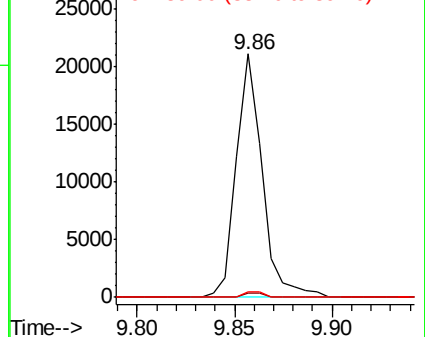
89 2.2 36.9 55.3#



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: 5.799 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Tgt Ion:165 Resp: 19551

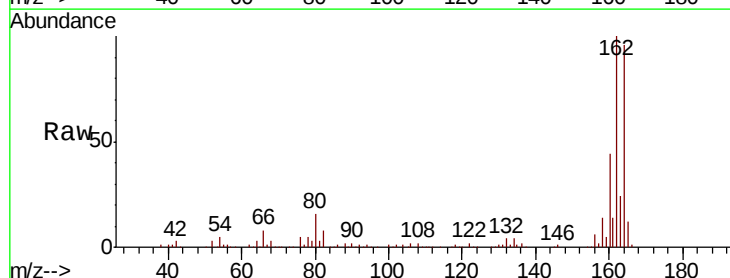
Ion Ratio Lower Upper

165 100

63 1.6 27.9 41.9#

89 2.2 47.9 71.9#

182 0.0 2.2 3.4#

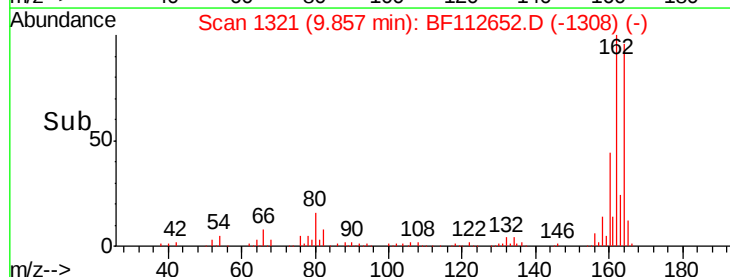
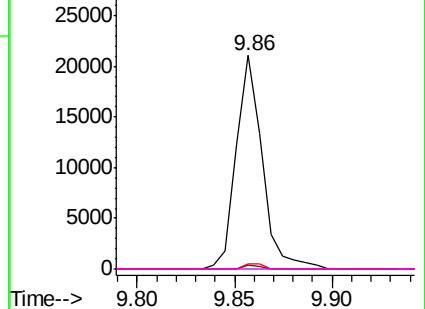


Abundance Ion 165.00 (164.70 to 165.70): E

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

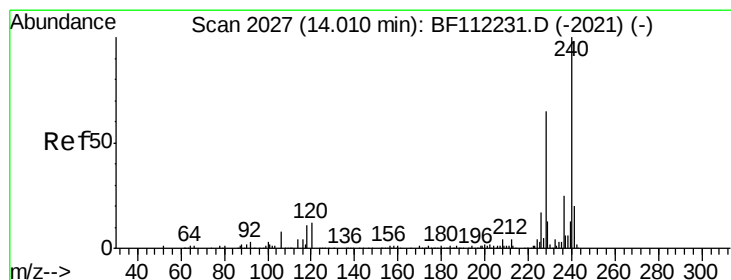
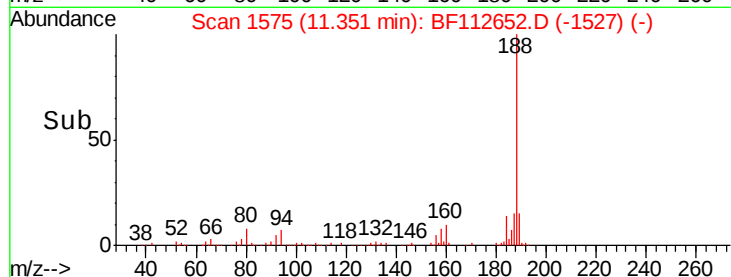
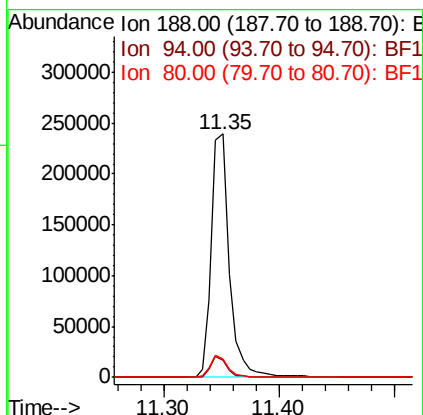
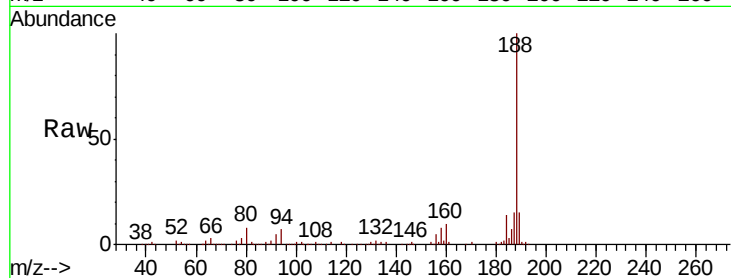




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112652.D
Acq: 21 Feb 2019 15:02

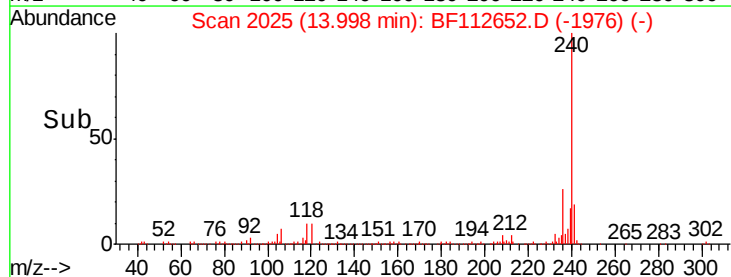
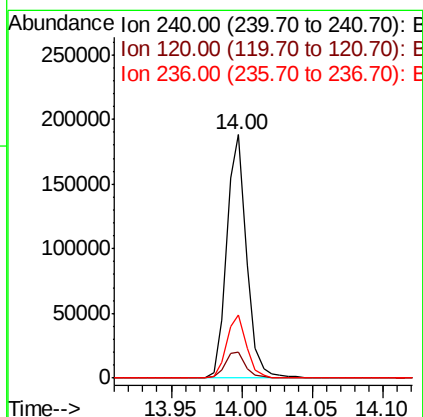
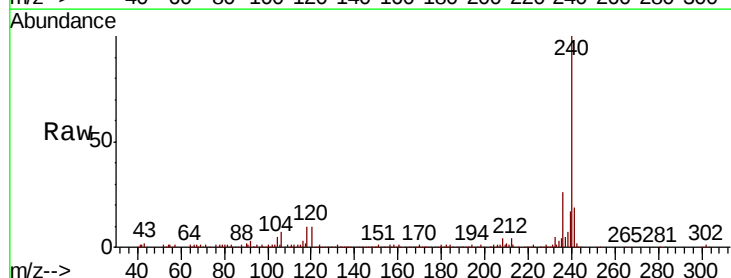
Instrument :
BNA_F
ClientSampleId :
NB-08-022019-B

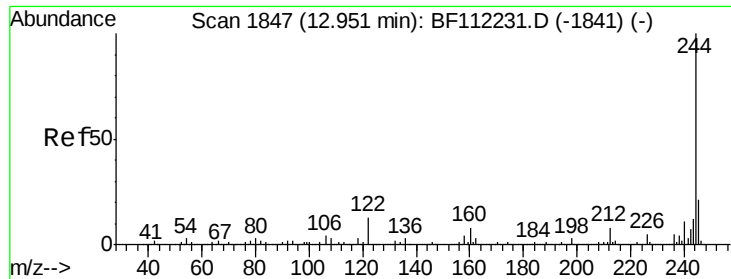
Tgt Ion:188 Resp: 261681
Ion Ratio Lower Upper
188 100
94 7.1 8.2 12.2#
80 7.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112652.D
Acq: 21 Feb 2019 15:02

Tgt Ion:240 Resp: 183927
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.6
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 14.092 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

Instrument :

BNA_F

ClientSampleId :

NB-08-022019-B

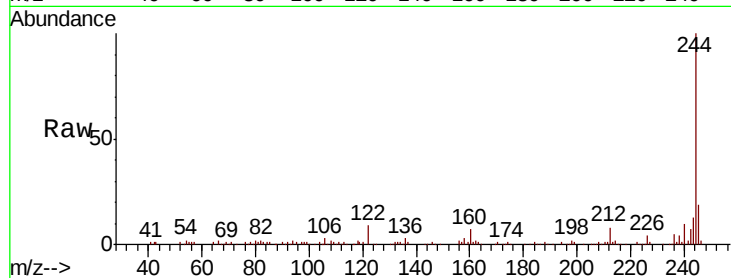
Tgt Ion:244 Resp: 137612

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

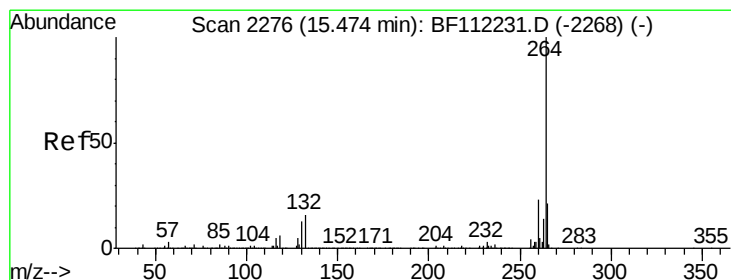
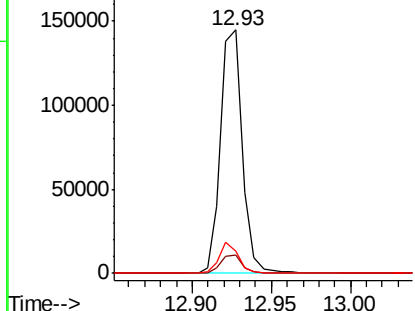
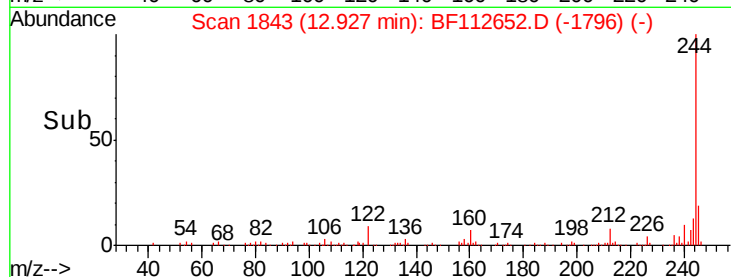
122 9.1 9.8 14.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112652.D

Acq: 21 Feb 2019 15:02

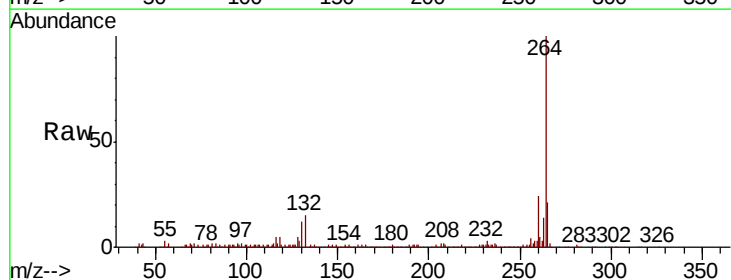
Tgt Ion:264 Resp: 193715

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 20.5 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

