

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112692.D
 Acq On : 25 Feb 2019 15:09
 Operator : JU/SJ
 Sample : K1595-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-WALL-GRADE-BEAM

Quant Time: Feb 25 15:52:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 14:05:25 2019
 Response via : Initial Calibration

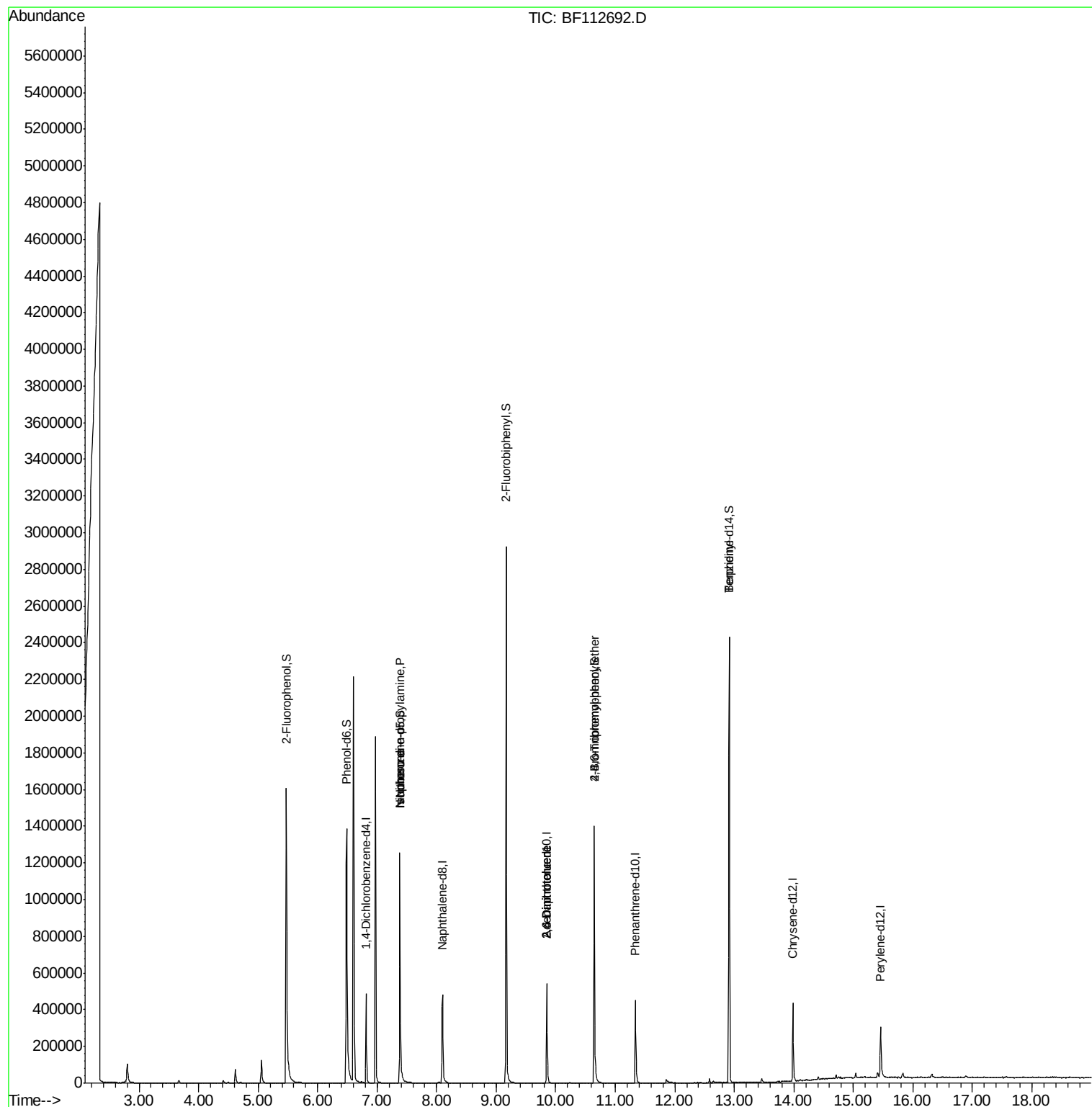
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76884	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	287638	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121893	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	195080	20.00	ng	0.00
76) Chrysene-d12	13.98	240	177285	20.00	ng	0.00
87) Perylene-d12	15.46	264	158872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	555537	153.48	ng	0.01
7) Phenol-d6	6.49	99	624734	124.21	ng	0.00
23) Nitrobenzene-d5	7.38	82	501832	100.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	187253	131.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	907220	105.27	ng	0.00
79) Terphenyl-d14	12.92	244	762905	81.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	68197	19.664	ng	# 76
25) Isophorone	7.38	82	501830	64.079	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	15825	7.461	ng	# 36
57) 2,4-Dinitrotoluene	9.85	165	15825	5.861	ng	# 34
67) 4-Bromophenyl-phenylether	10.65	248	11205	4.884	ng	# 1
77) Benzidine	12.92	184	11530	2.363	ng	98

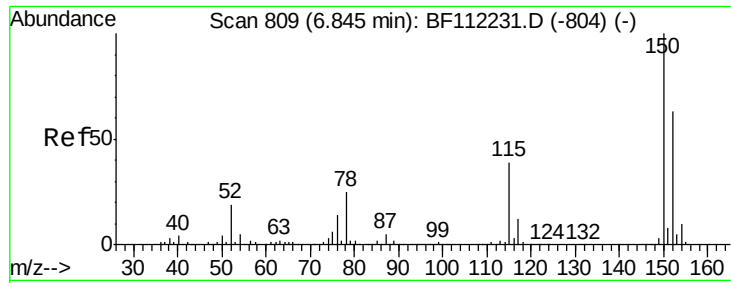
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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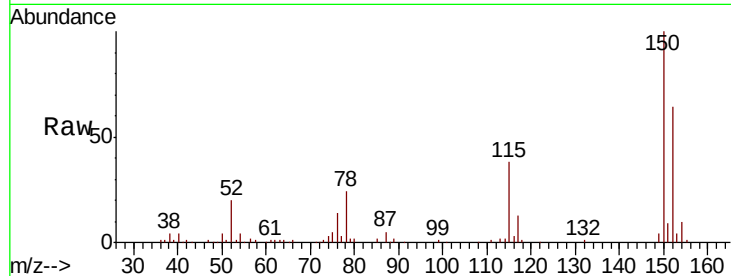


#1

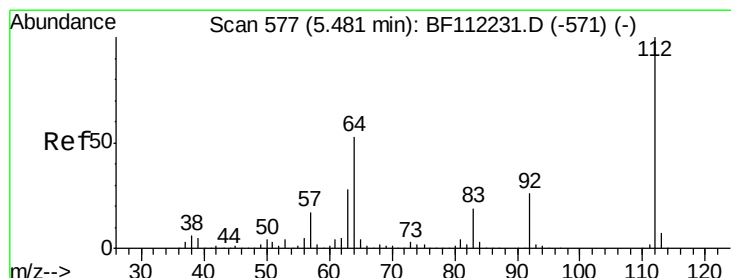
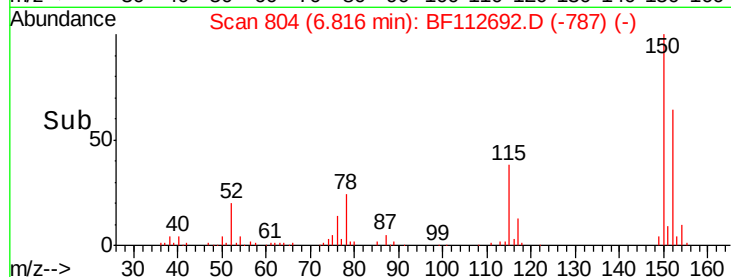
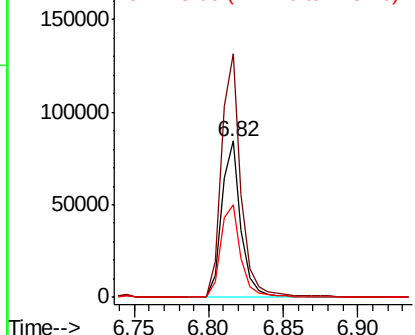
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF112692.D
Acq: 25 Feb 2019 15:09

Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tot Ion:152 Resp: 76884
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 59.2 45.5 68.3



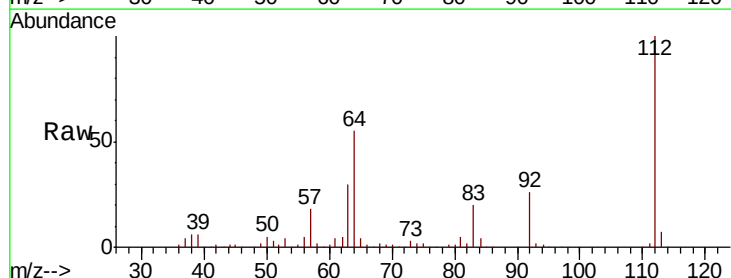
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



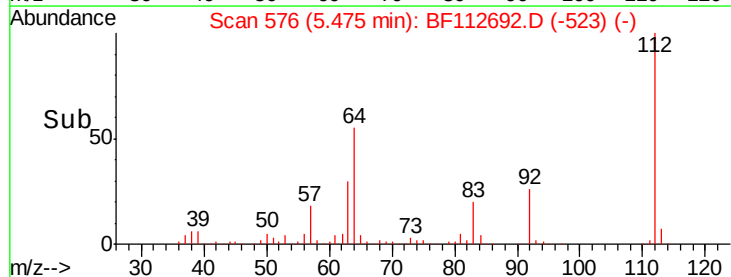
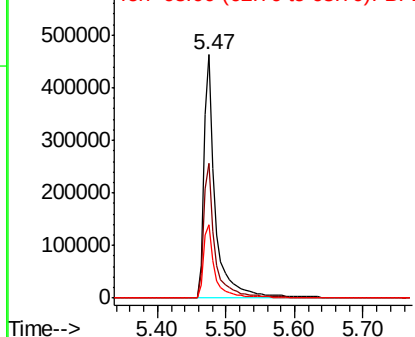
#5

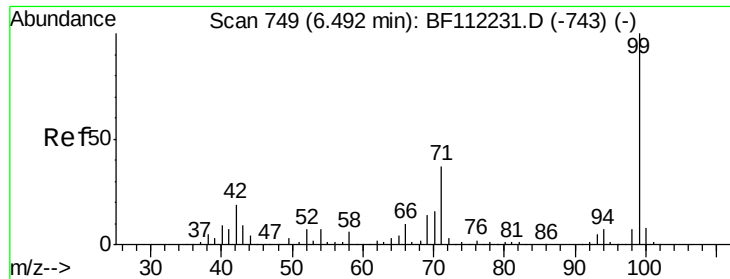
2-Fluorophenol
Concen: 153.478 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF112692.D
Acq: 25 Feb 2019 15:09

Tgt Ion:112 Resp: 555537
Ion Ratio Lower Upper
112 100
64 55.5 45.7 68.5
63 30.0 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: 124.209 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

TP-E-WALL-GRADE-BEAM

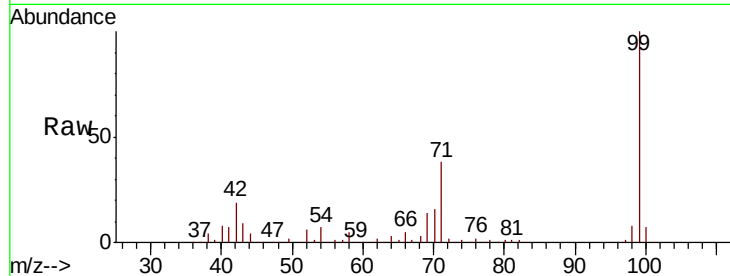
Tot Ion: 99 Resp: 624734

Ion Ratio Lower Upper

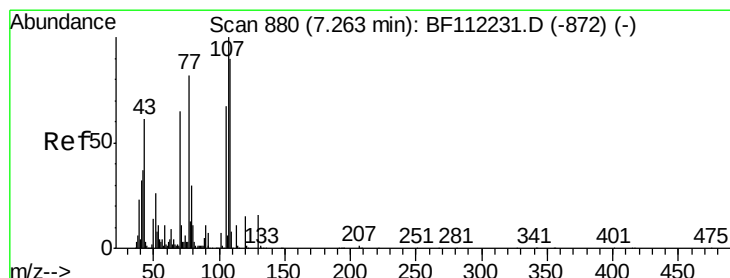
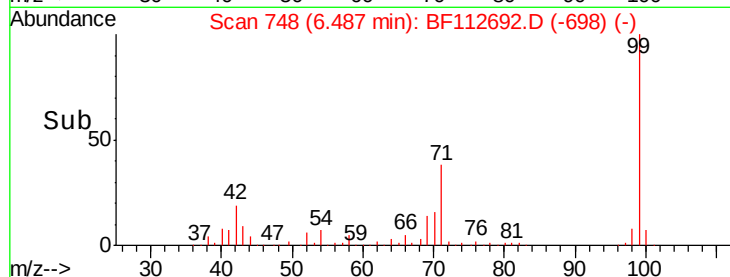
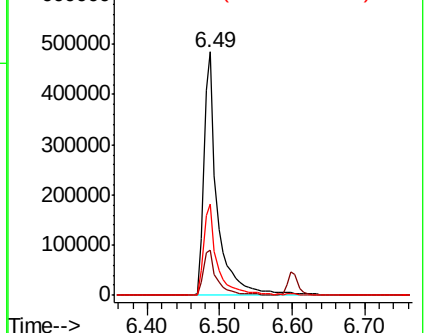
99 100

42 18.8 15.1 22.7

71 37.6 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: 19.664 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

Tgt Ion: 70 Resp: 68197

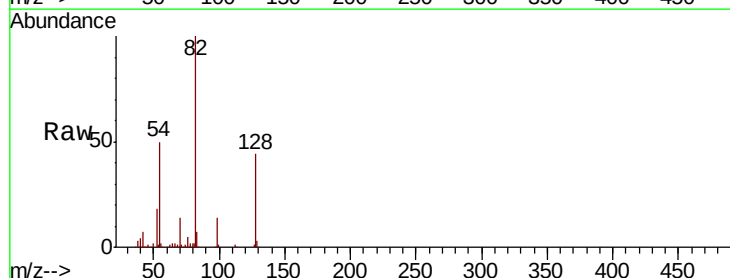
Ion Ratio Lower Upper

70 100

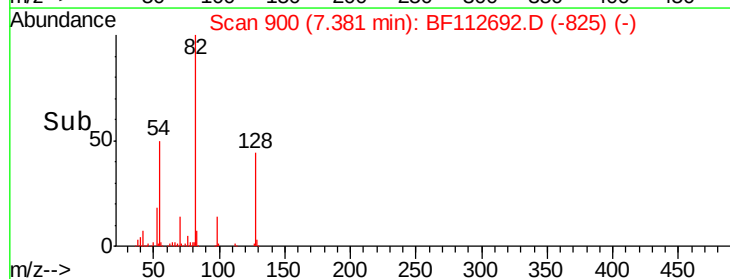
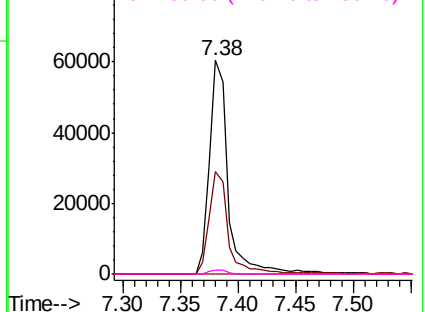
42 47.9 47.6 71.4

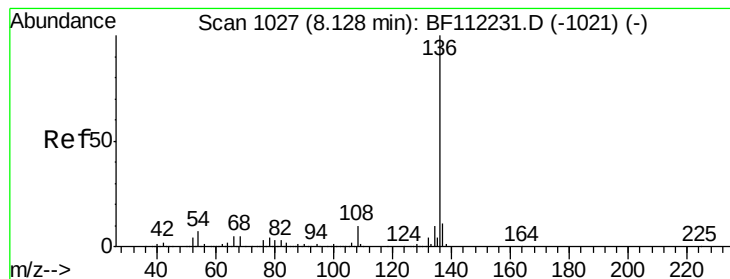
101 0.0 7.9 11.9#

130 1.7 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# 1022

Delta R.T. 0.00 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

TP-E-WALL-GRADE-BEAM

Tot Ion:136 Resp: 287638

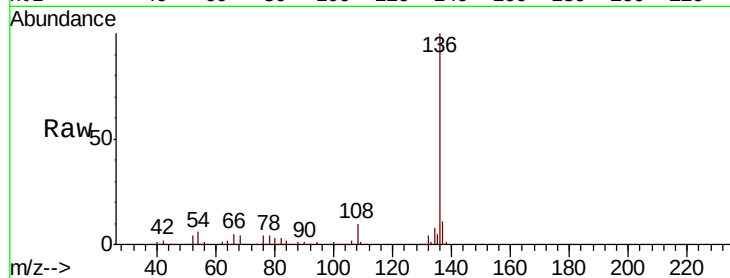
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.9 5.9 8.9#

68 4.4 5.1 7.7#

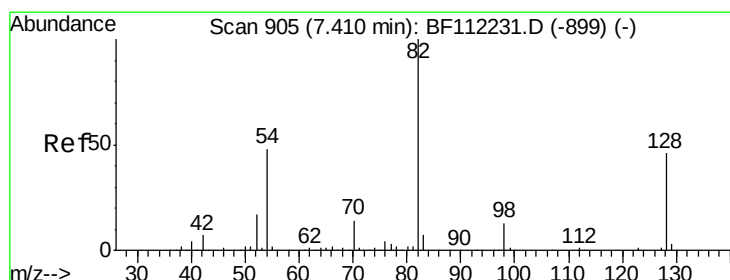
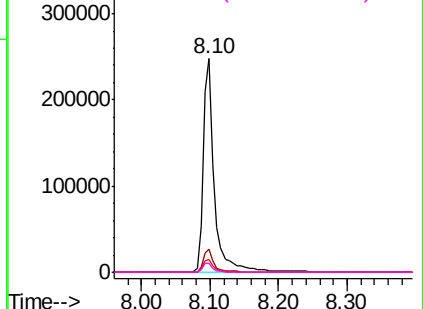
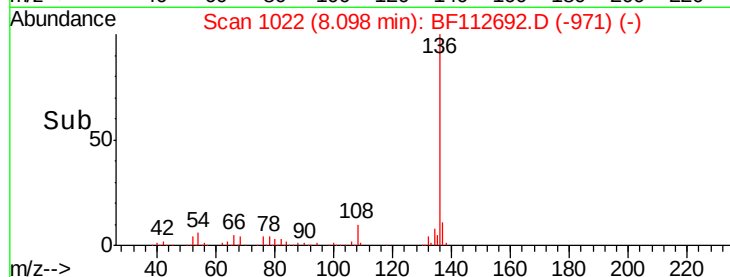


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.527 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

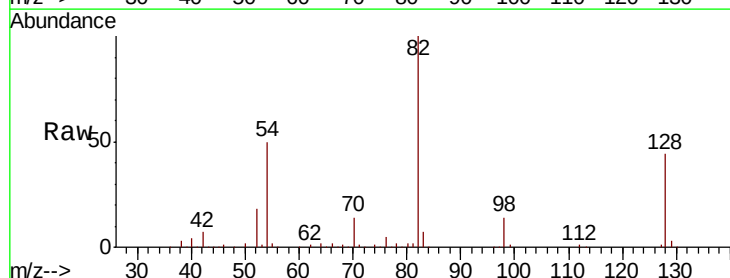
Tgt Ion: 82 Resp: 501832

Ion Ratio Lower Upper

82 100

128 43.6 37.8 56.8

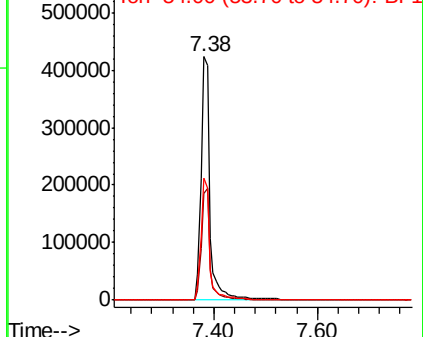
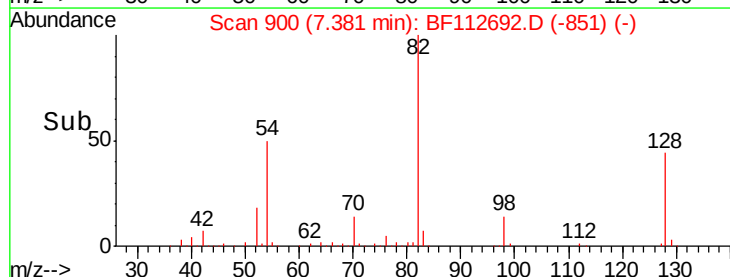
54 49.9 39.7 59.5

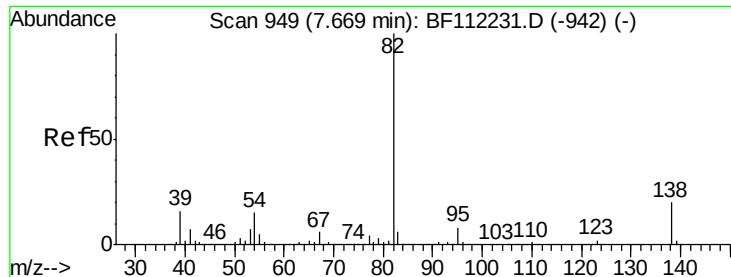


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 64.079 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

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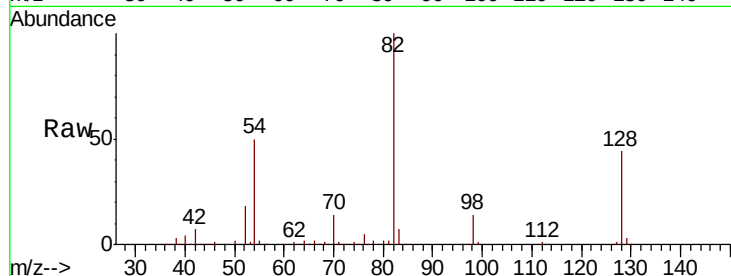
Tot Ion: 82 Resp: 501830

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

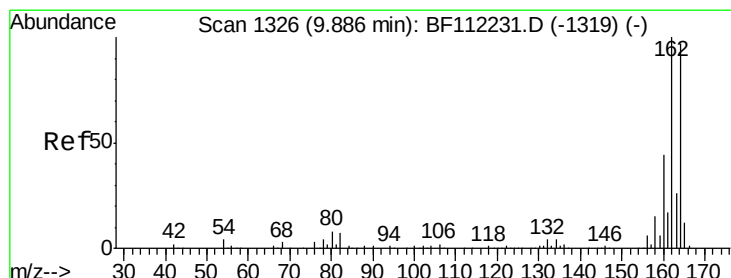
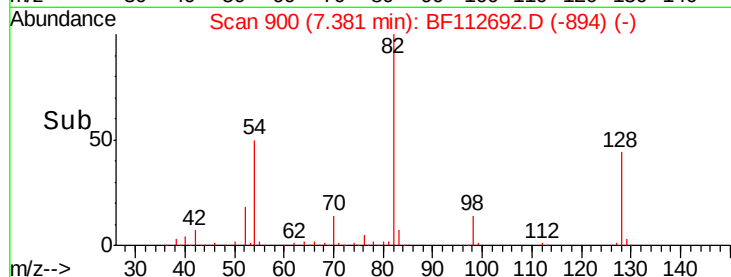
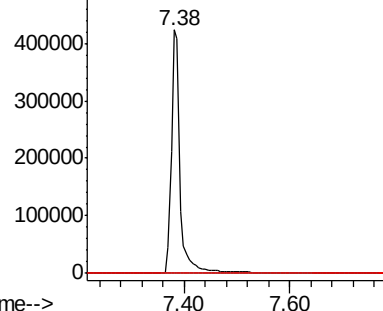
138 0.0 15.4 23.0#



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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

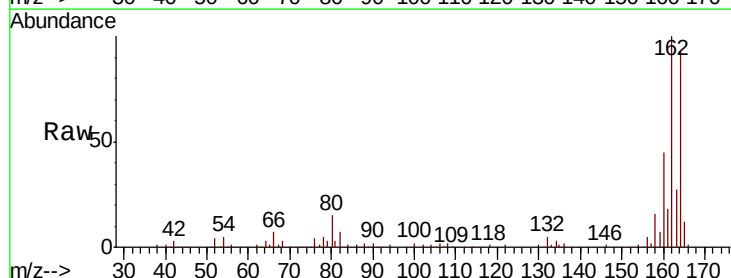
Tgt Ion: 164 Resp: 121893

Ion Ratio Lower Upper

164 100

162 107.5 82.2 123.4

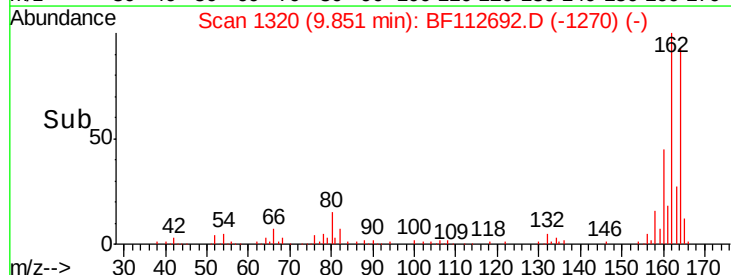
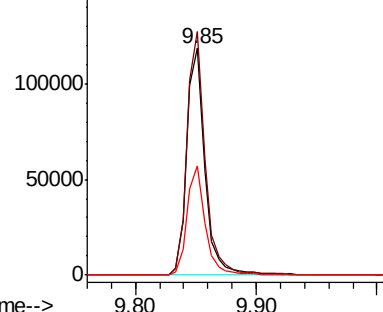
160 48.5 36.2 54.4

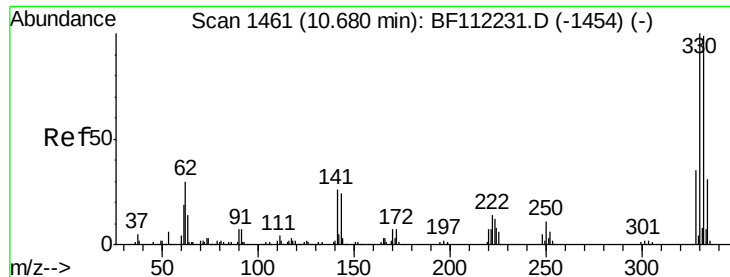


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 131.980 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

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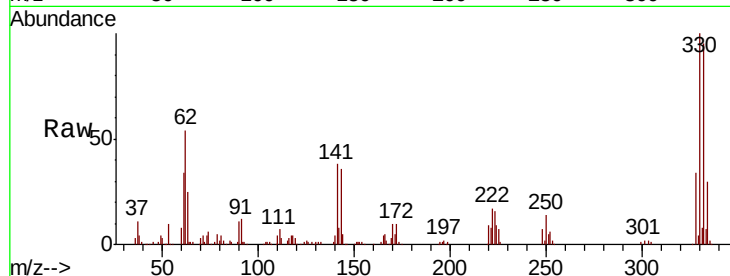
Tot Ion:330 Resp: 187253

Ion Ratio Lower Upper

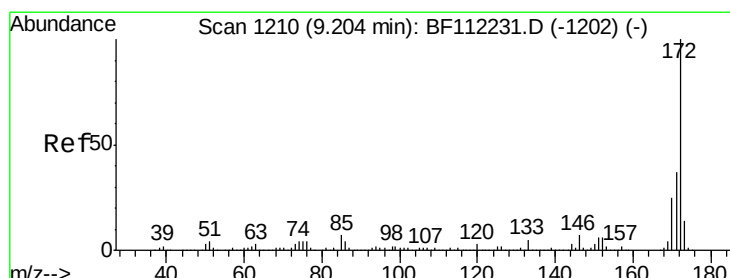
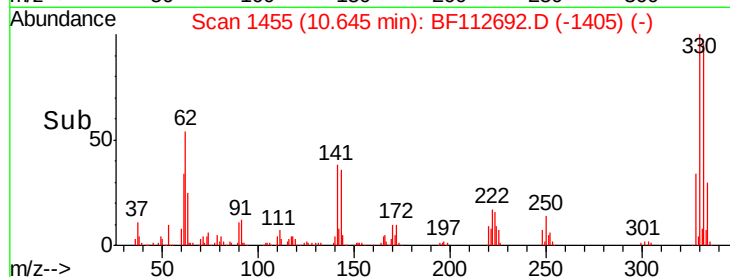
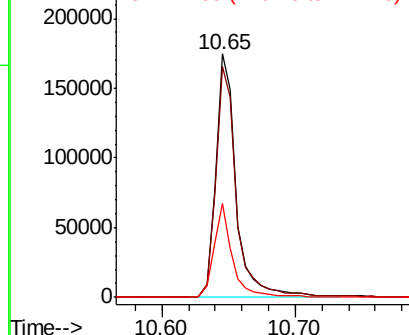
330 100

332 97.5 76.6 114.8

141 35.2 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: 105.266 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

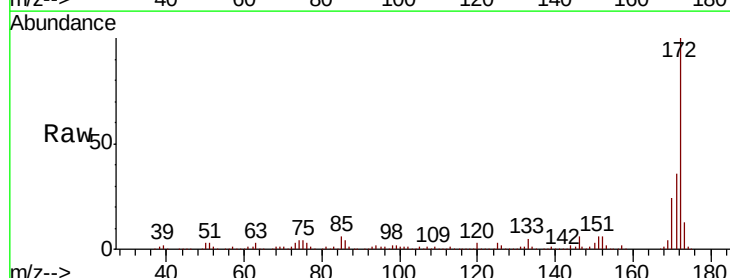
Tgt Ion:172 Resp: 907220

Ion Ratio Lower Upper

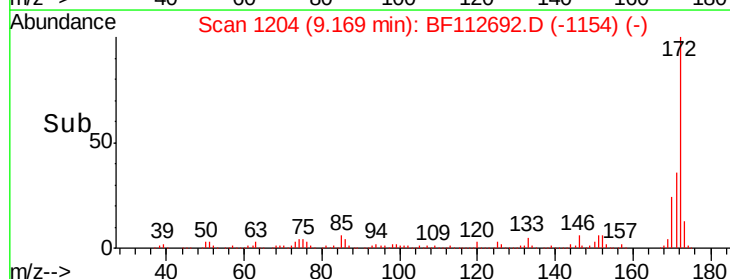
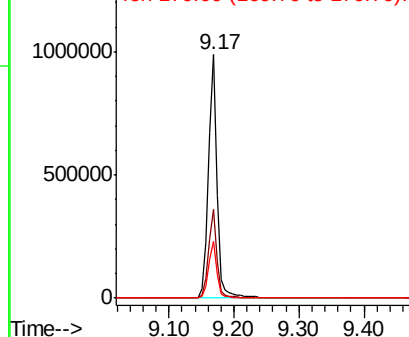
172 100

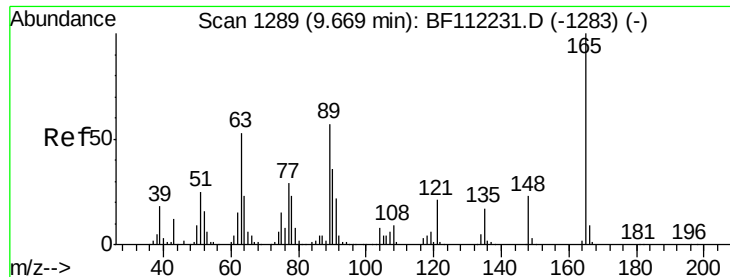
171 36.2 30.5 45.7

170 23.6 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: 7.461 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.20 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

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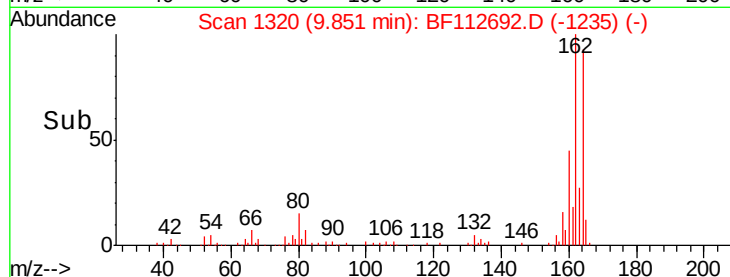
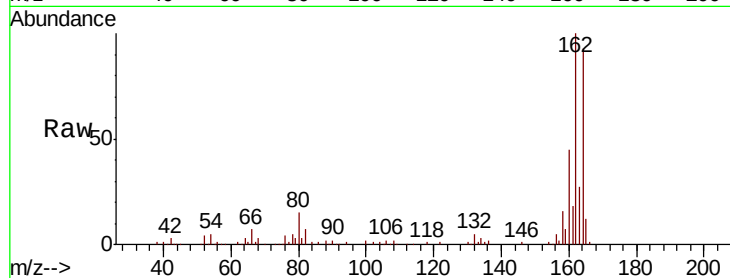
Tot Ion:165 Resp: 15825

Ion Ratio Lower Upper

165 100

63 3.4 33.8 50.8#

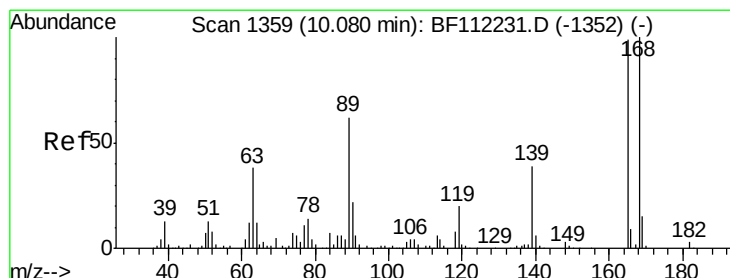
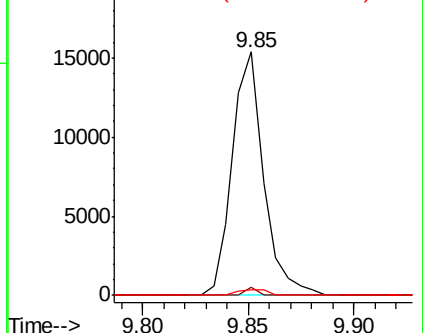
89 2.5 36.9 55.3#



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: 5.861 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.22 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

Tgt Ion:165 Resp: 15825

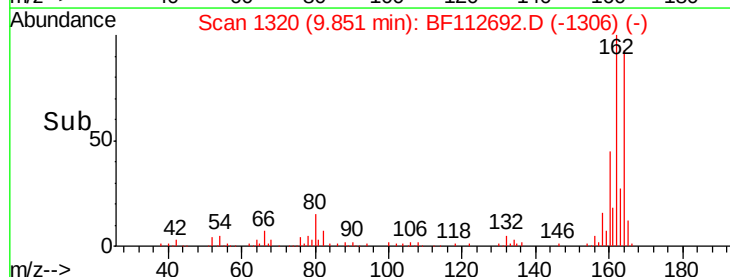
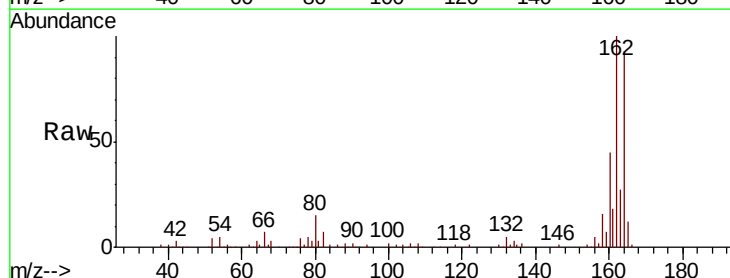
Ion Ratio Lower Upper

165 100

63 3.4 27.9 41.9#

89 2.5 47.9 71.9#

182 0.0 2.2 3.4#

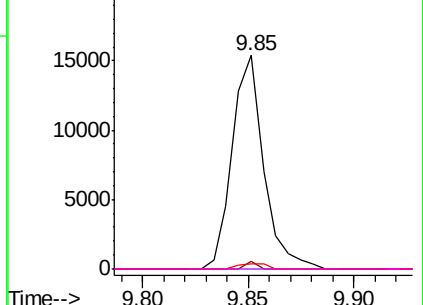


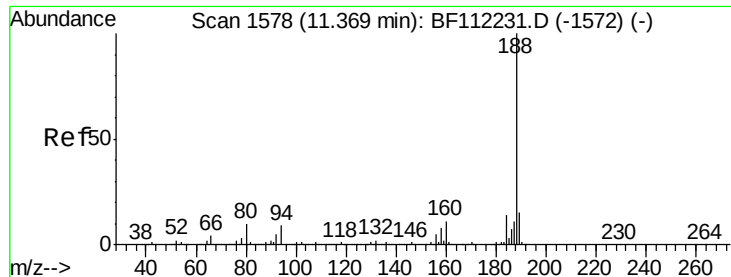
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

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TP-E-WALL-GRADE-BEAM

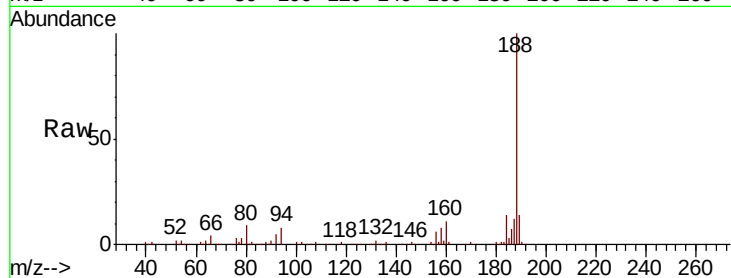
Tot Ion:188 Resp: 195080

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

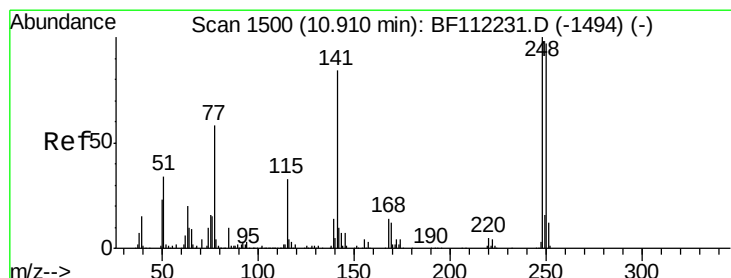
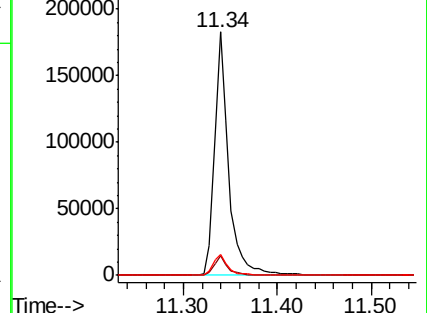
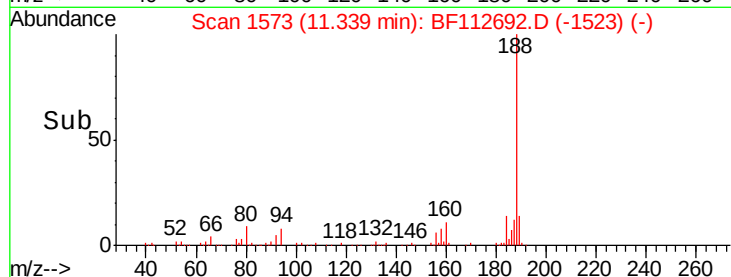
80 8.7 8.9 13.3#



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: 4.884 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.24 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

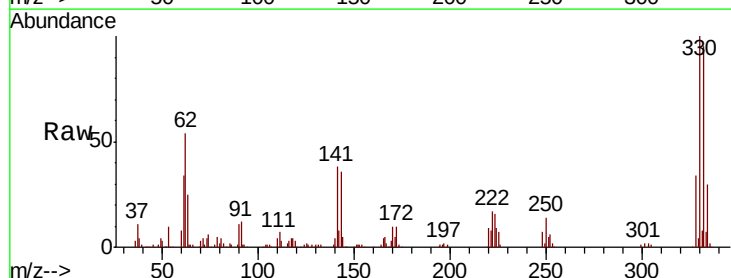
Tgt Ion:248 Resp: 11205

Ion Ratio Lower Upper

248 100

250 204.6 79.7 119.5#

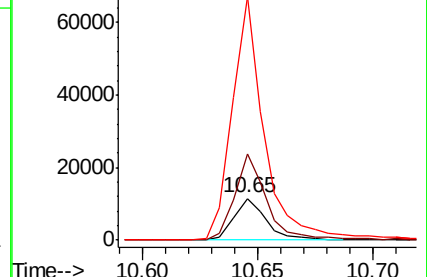
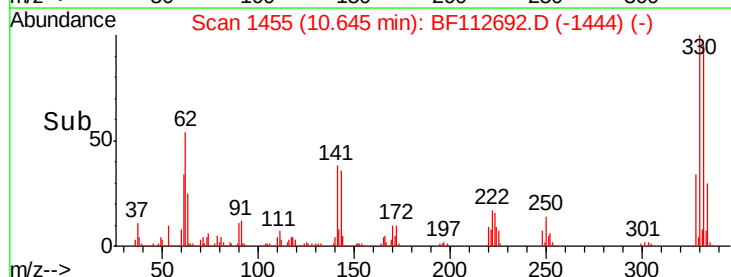
141 580.5 60.3 90.5#

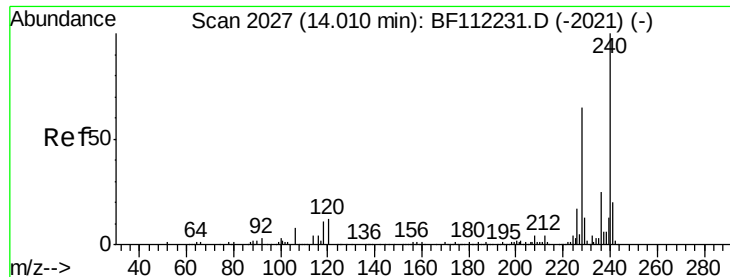


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

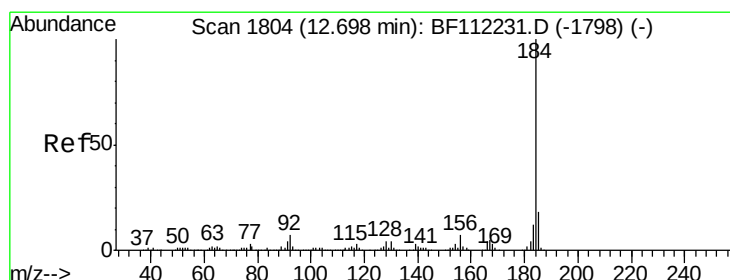
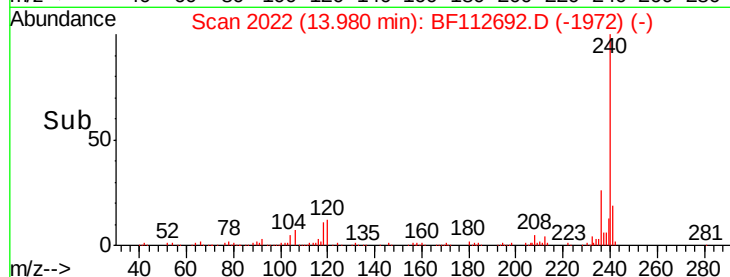
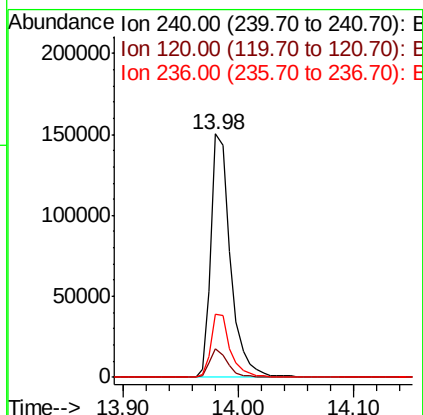
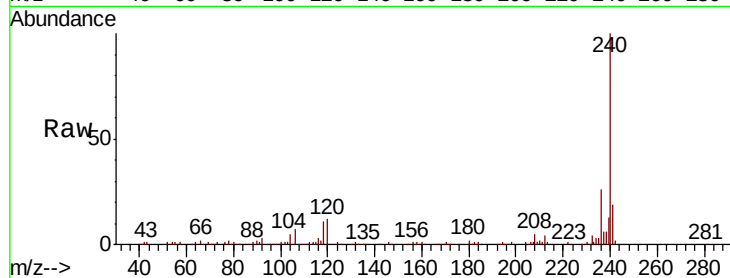




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF112692.D
Acq: 25 Feb 2019 15:09

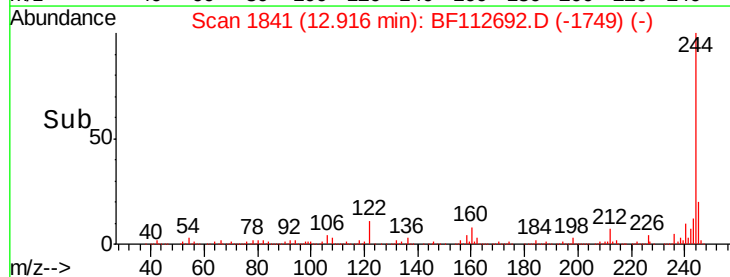
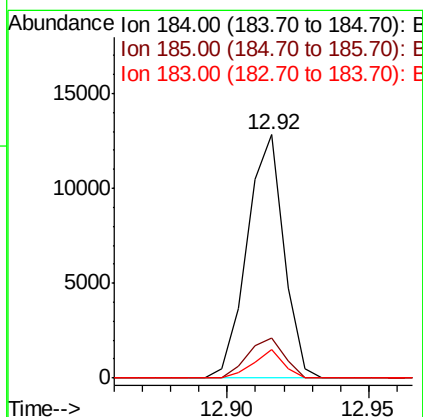
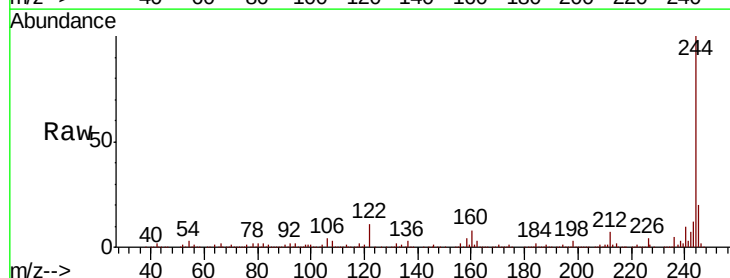
Instrument :
BNA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

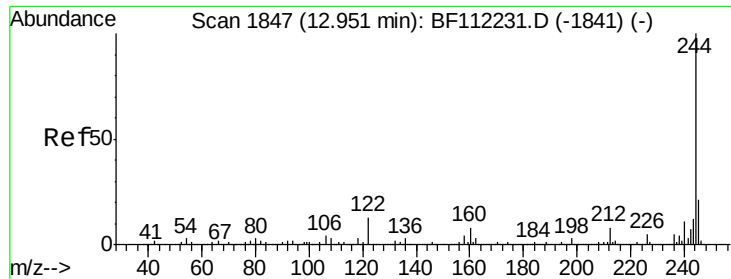
Tot Ion:240 Resp: 177285
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.6
236 25.9 20.7 31.1



#77
Benzidine
Concen: 2.363 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.24 min
Lab File: BF112692.D
Acq: 25 Feb 2019 15:09

Tgt Ion:184 Resp: 11530
Ion Ratio Lower Upper
184 100
185 16.4 13.9 20.9
183 11.7 10.0 15.0

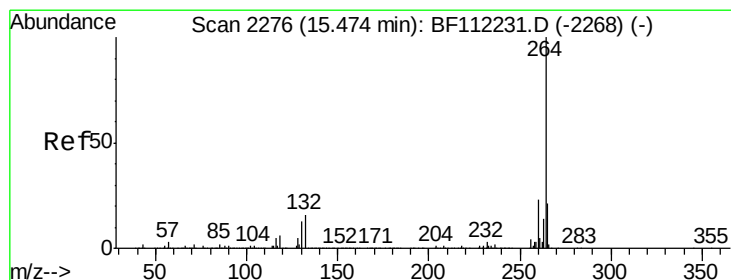
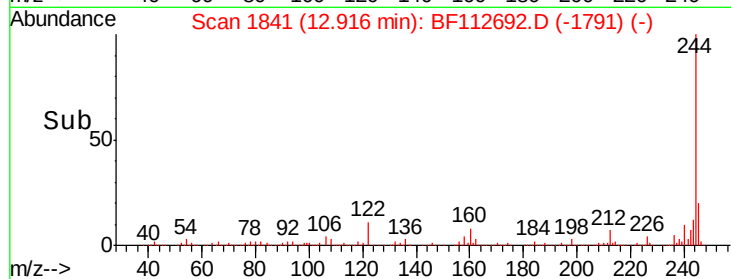
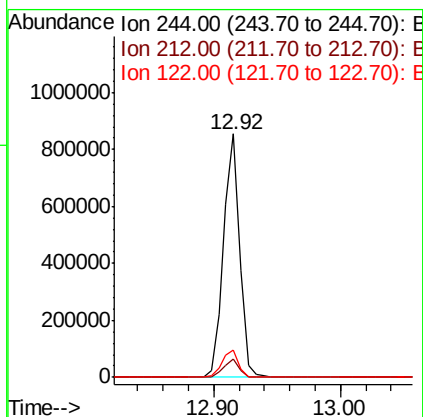
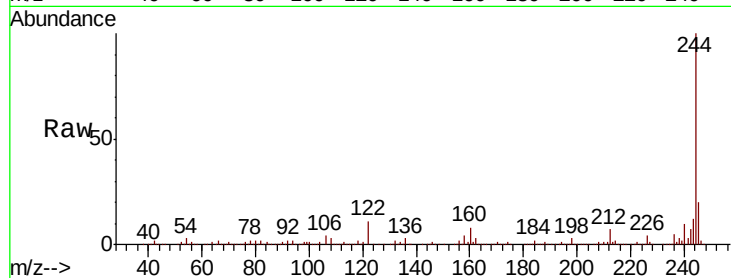




#79
 Terphenyl-d14
 Concen: 81.050 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-WALL-GRADE-BEAM

Tot Ion:244 Resp: 762905
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.2 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

Tgt Ion:264 Resp: 158872
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 20.9 17.0 25.4

