

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
 Data File : BF112428.D
 Acq On : 6 Feb 2019 18:59
 Operator : JU/SJ
 Sample : K1356-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-020519-B

Quant Time: Feb 06 23:54:50 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

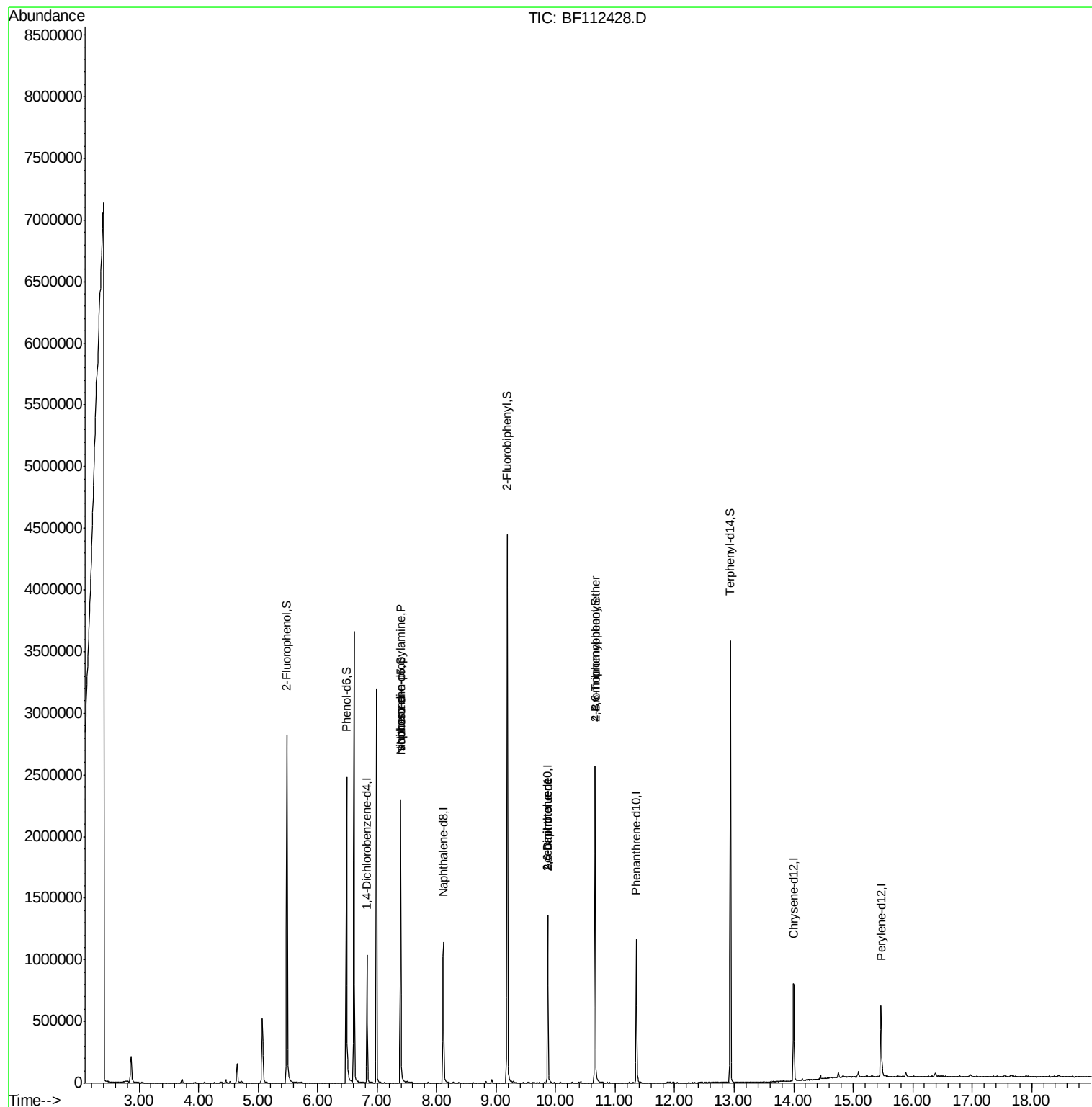
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	153961	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	593074	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	272718	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	436794	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	319022	20.00	ng	0.00
87) Perylene-d12	15.47	264	302883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	901094	124.32	ng	0.00
7) Phenol-d6	6.49	99	1003721	99.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	788073	76.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	332753	104.83	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1567970	81.32	ng	-0.02
79) Terphenyl-d14	12.94	244	1217312	71.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	106467	15.330	ng	# 76
25) Isophorone	7.40	82	788062	48.804	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	34702	7.313	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	34702	5.744	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	20840	4.057	ng	# 1

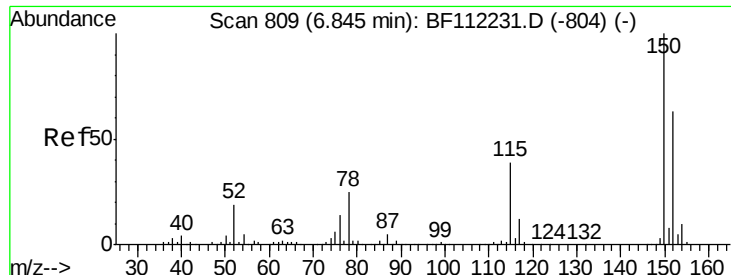
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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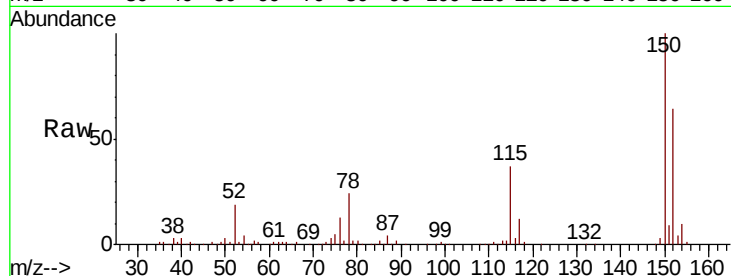


#1

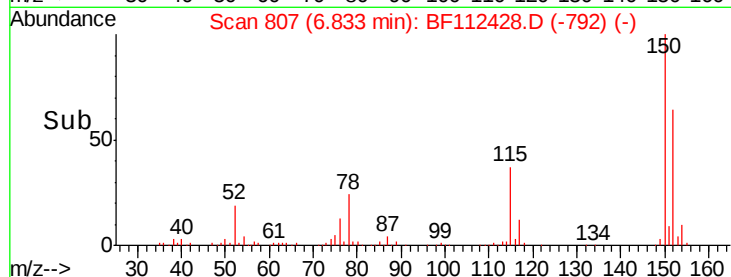
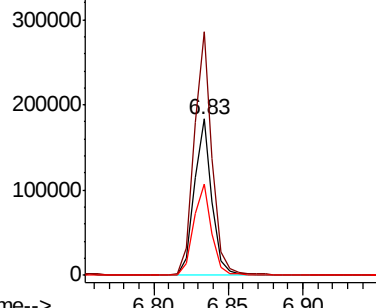
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:152 Resp: 153961
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 58.3 45.5 68.3



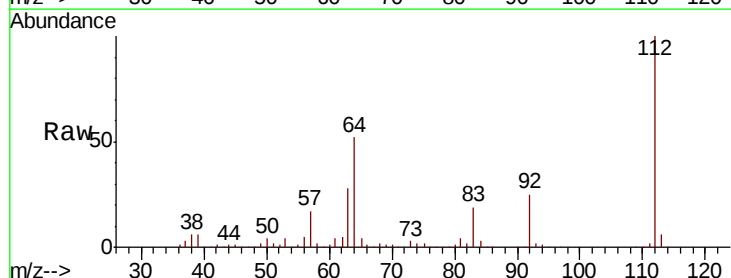
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



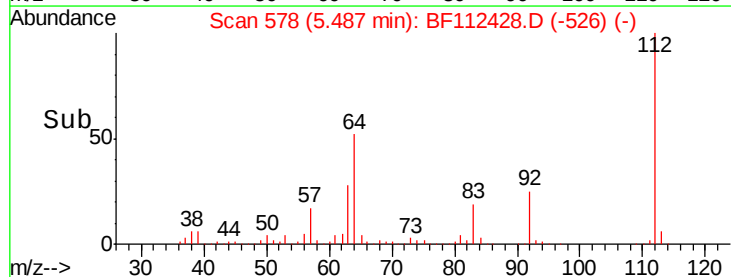
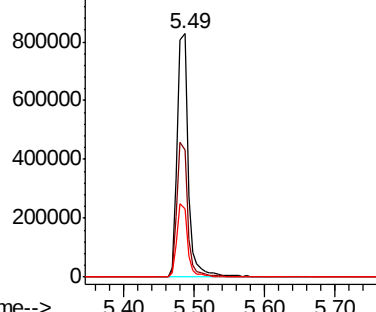
#5

2-Fluorophenol
Concen: 124.316 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Tgt Ion:112 Resp: 901094
Ion Ratio Lower Upper
112 100
64 52.4 45.7 68.5
63 27.9 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: 99.654 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SU-01-020519-B

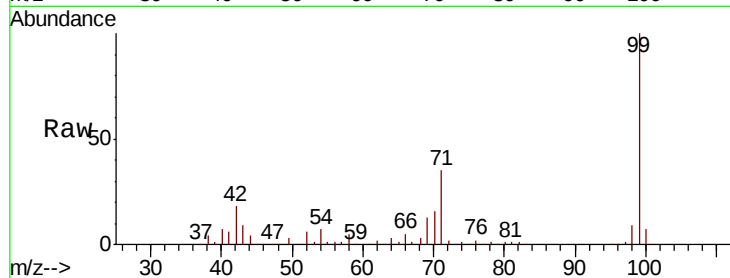
Tgt Ion: 99 Resp: 1003721

Ion Ratio Lower Upper

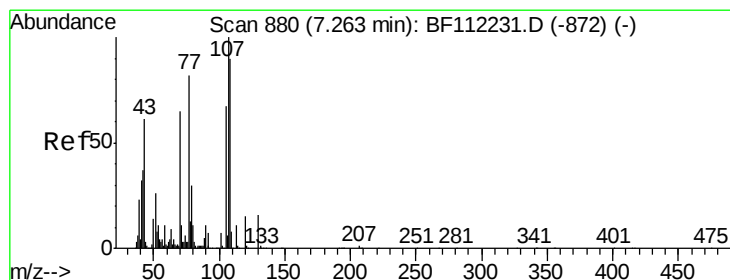
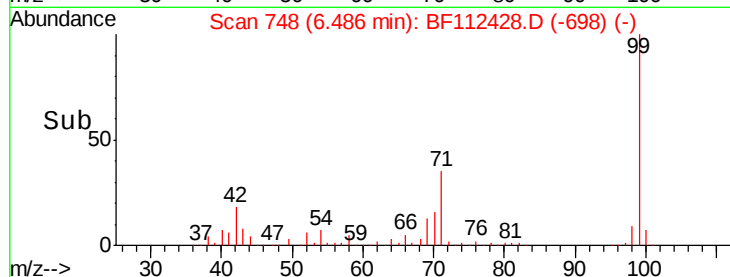
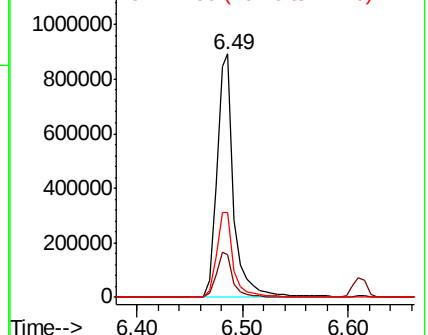
99 100

42 17.6 15.1 22.7

71 34.9 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: 15.330 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Tgt Ion: 70 Resp: 106467

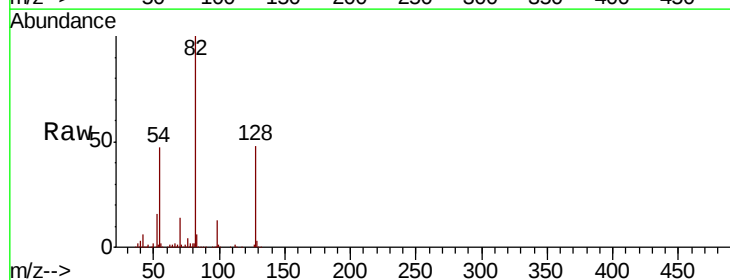
Ion Ratio Lower Upper

70 100

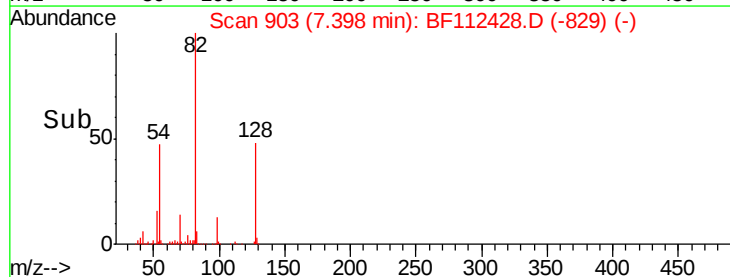
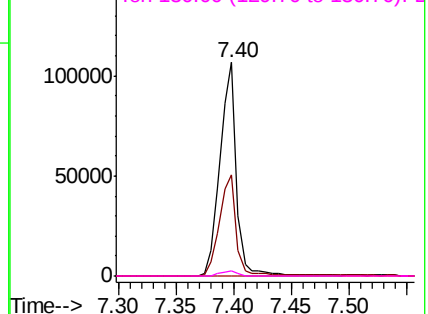
42 47.1 47.6 71.4#

101 0.0 7.9 11.9#

130 2.3 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: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SU-01-020519-B

Tgt Ion:136 Resp: 593074

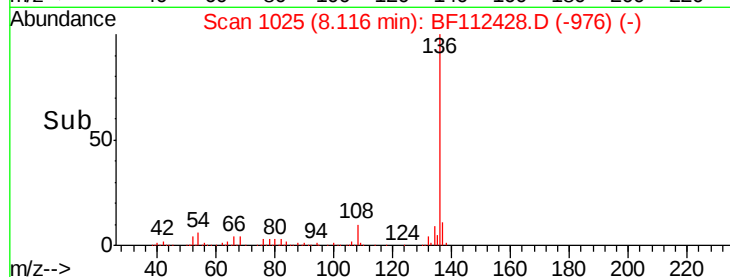
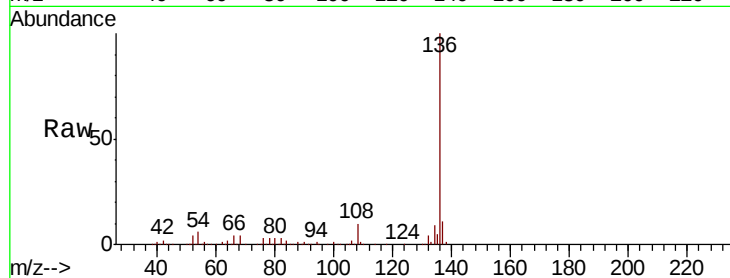
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.8 5.9 8.9#

68 4.4 5.1 7.7#

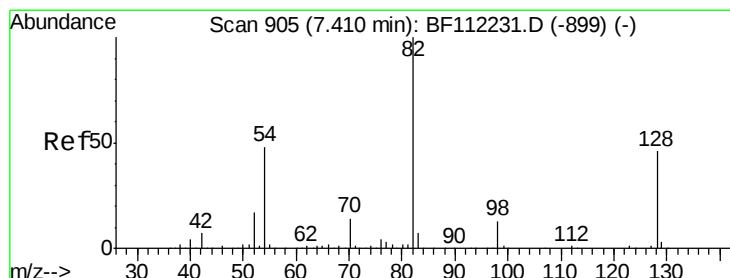
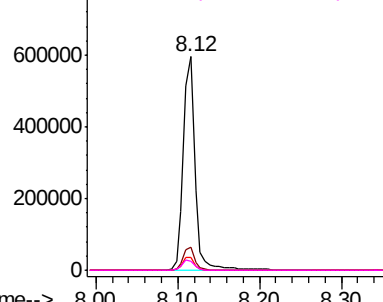


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.565 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

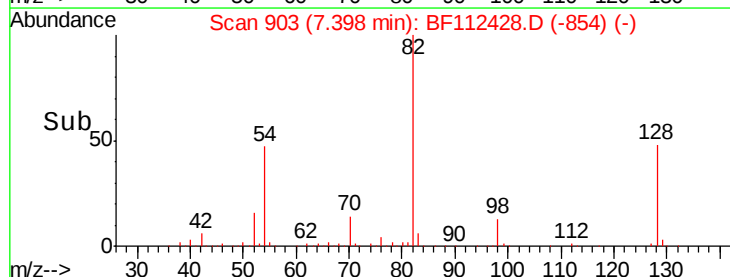
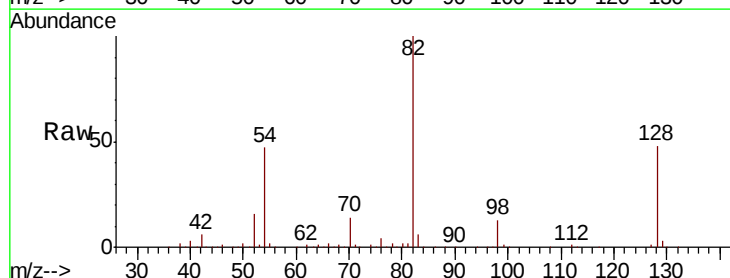
Tgt Ion: 82 Resp: 788073

Ion Ratio Lower Upper

82 100

128 47.9 37.8 56.8

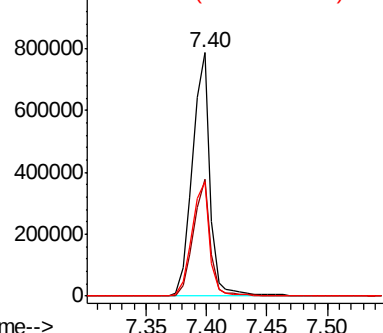
54 47.0 39.7 59.5



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: 48.804 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SU-01-020519-B

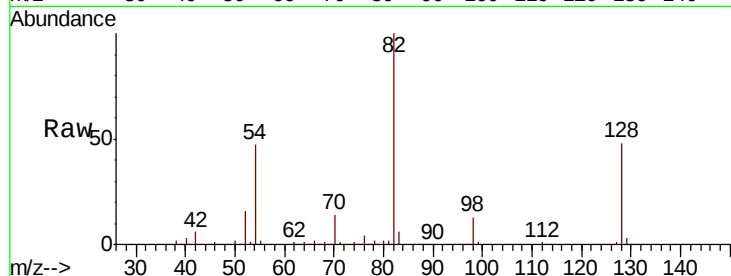
Tgt Ion: 82 Resp: 788062

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

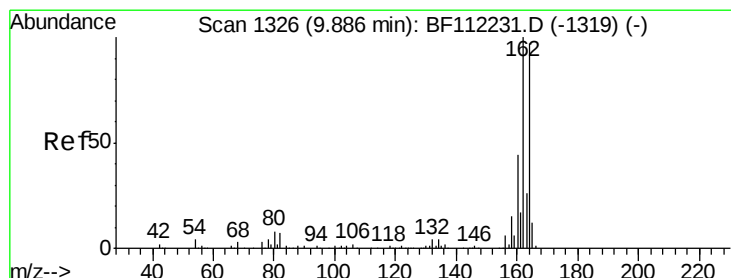
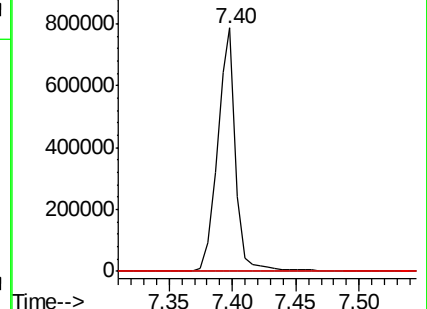
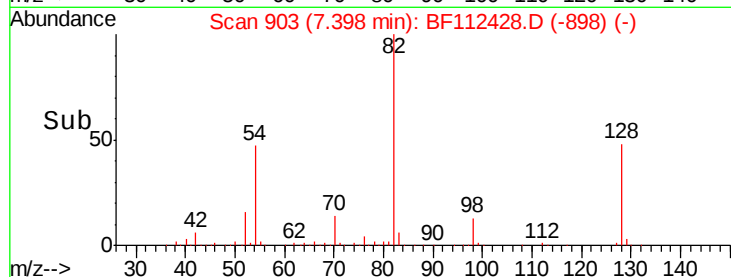
138 0.0 15.4 23.0#



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: BF112428.D

Acq: 6 Feb 2019 18:59

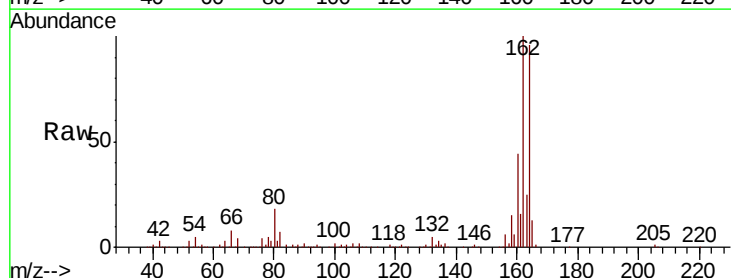
Tgt Ion: 164 Resp: 272718

Ion Ratio Lower Upper

164 100

162 103.8 82.2 123.4

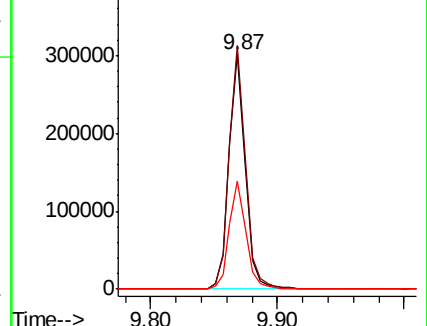
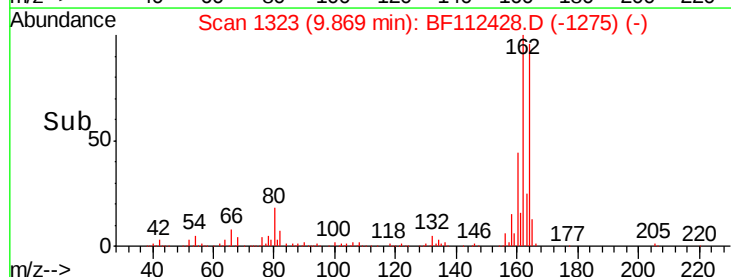
160 46.0 36.2 54.4

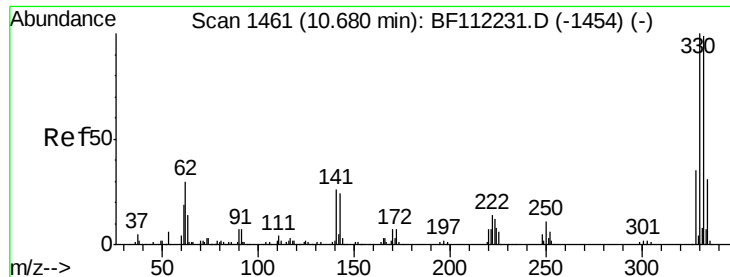


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 104.825 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

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SU-01-020519-B

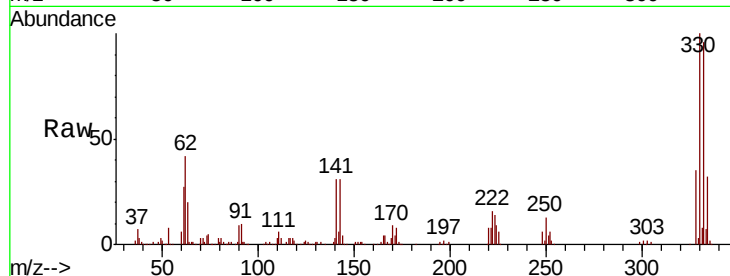
Tgt Ion:330 Resp: 332753

Ion Ratio Lower Upper

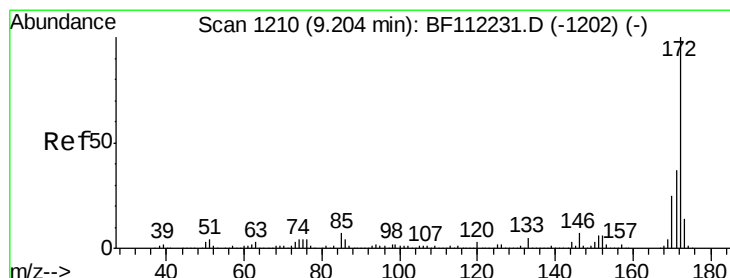
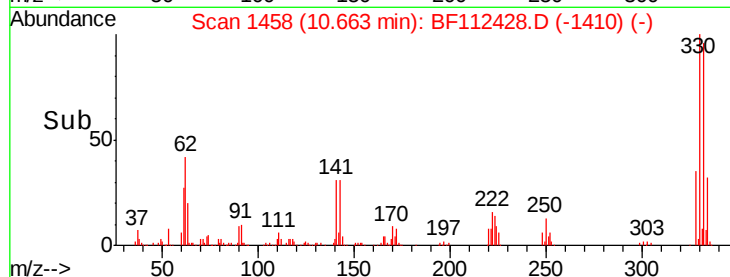
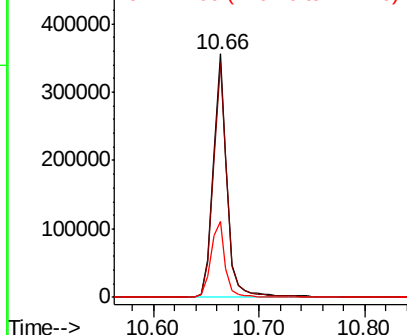
330 100

332 97.1 76.6 114.8

141 32.3 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: 81.316 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

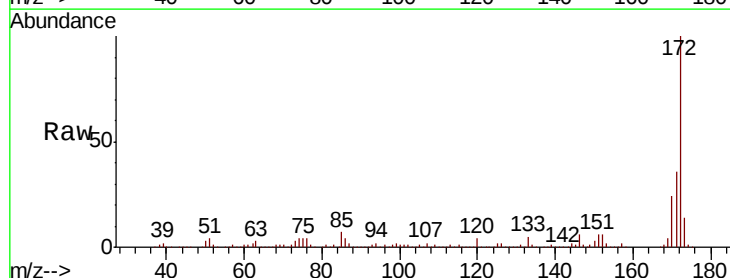
Tgt Ion:172 Resp: 1567970

Ion Ratio Lower Upper

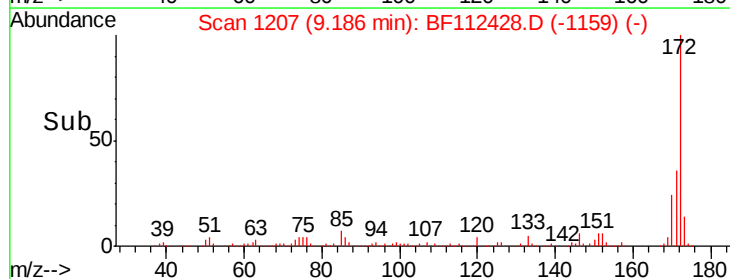
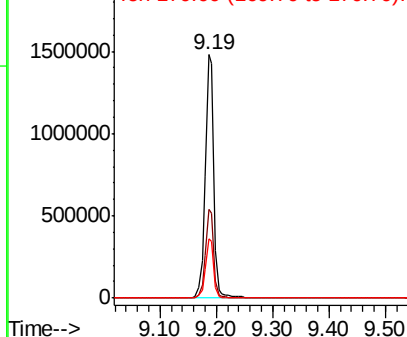
172 100

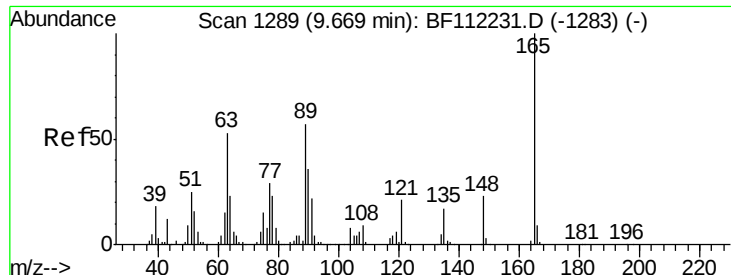
171 36.5 30.5 45.7

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

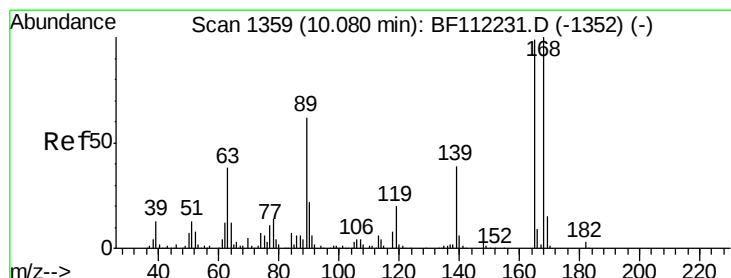
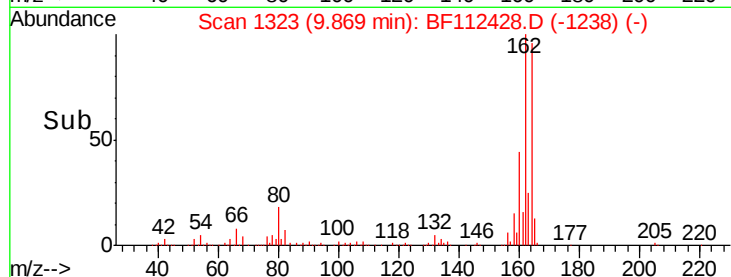
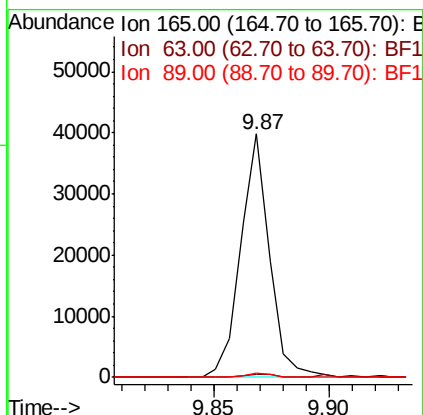
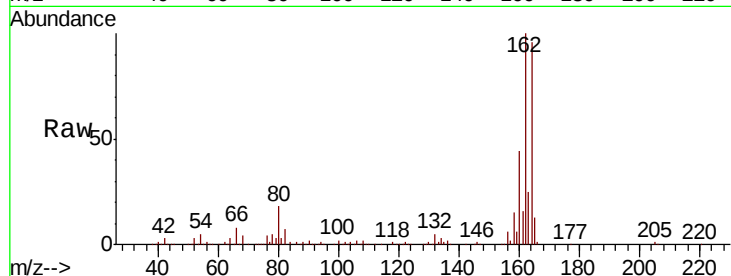




#51
 2,6-Dinitrotoluene
 Concen: 7.313 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112428.D
 Acq: 6 Feb 2019 18:59

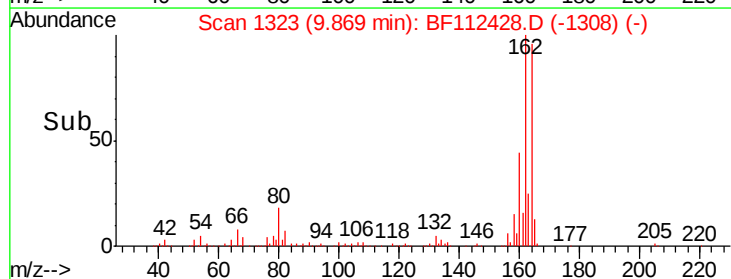
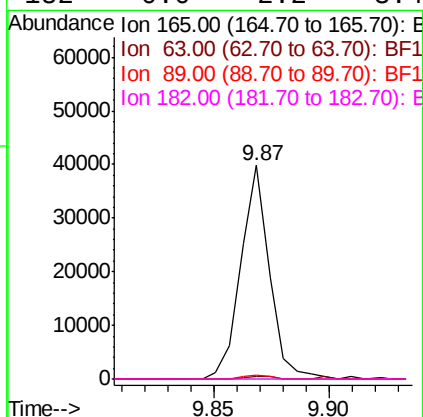
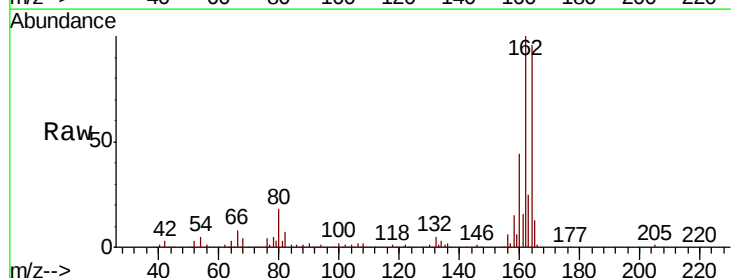
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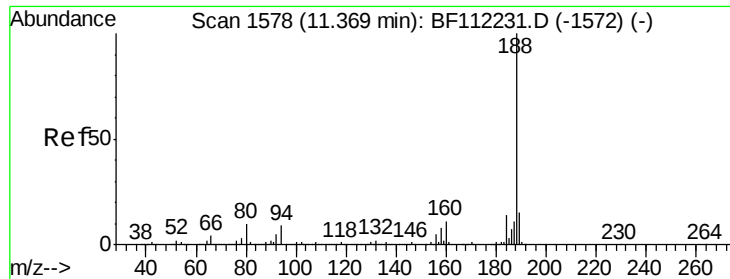
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.7	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.744 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112428.D
 Acq: 6 Feb 2019 18:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

Instrument :

BNA_F

ClientSampleId :

SU-01-020519-B

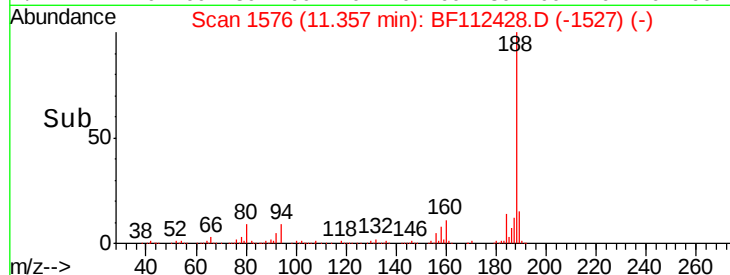
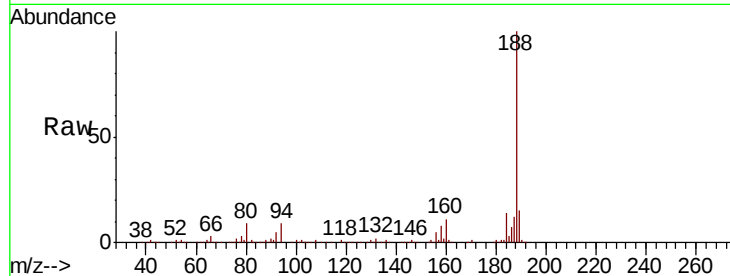
Tgt Ion:188 Resp: 436794

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

80 8.9 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

600000

500000

400000

300000

200000

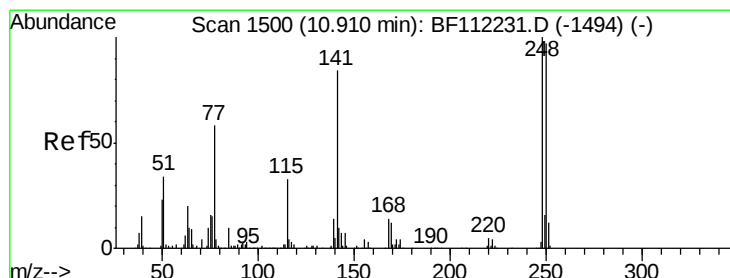
100000

0

11.36

11.30 11.40 11.50

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.057 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112428.D

Acq: 6 Feb 2019 18:59

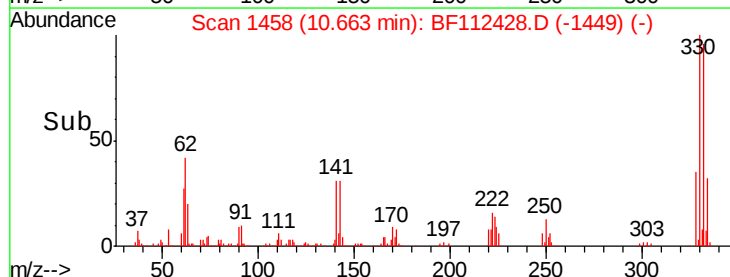
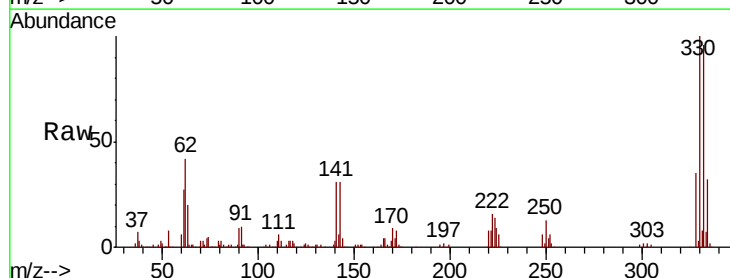
Tgt Ion:248 Resp: 20840

Ion Ratio Lower Upper

248 100

250 201.4 79.7 119.5#

141 494.9 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

150000

100000

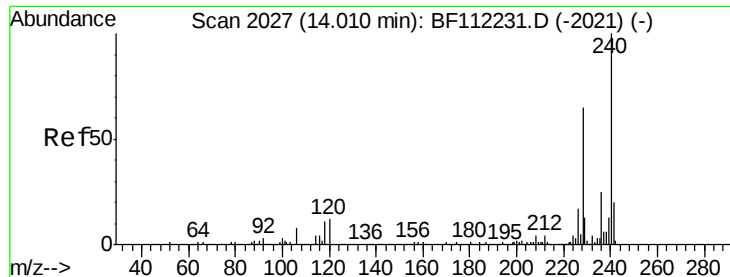
50000

0

10.66

10.60 10.65 10.70

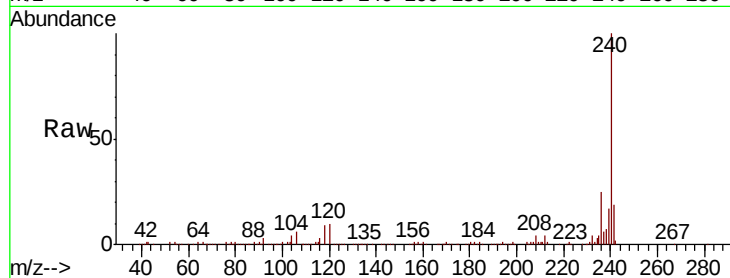
Time-->



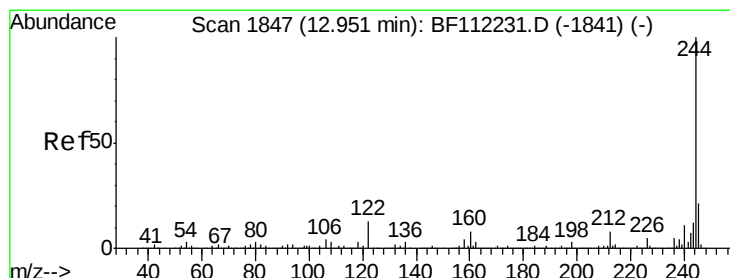
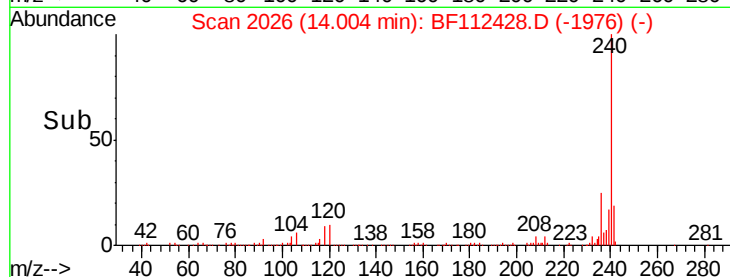
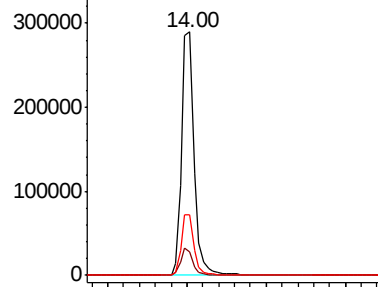
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion:240 Resp: 319022
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 25.1 20.7 31.1

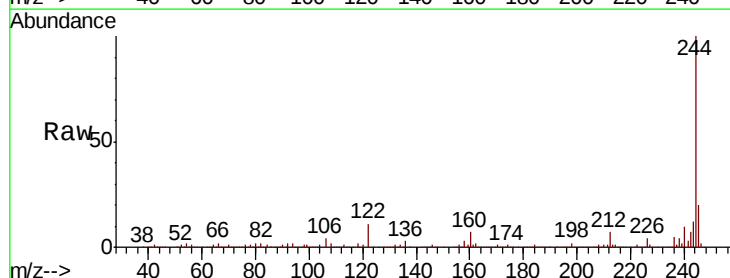


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

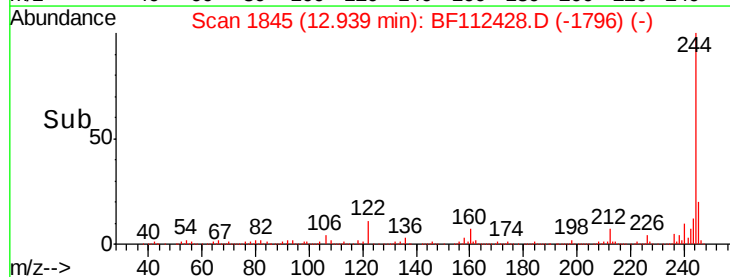
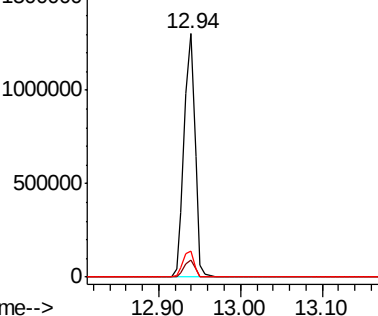


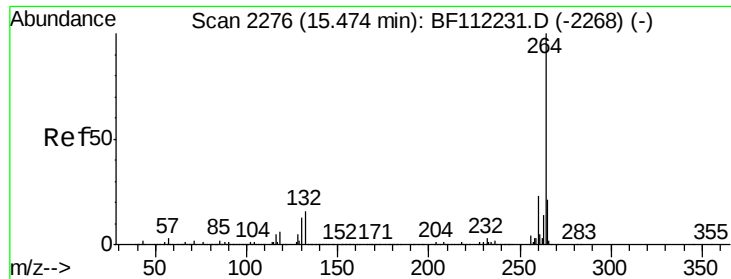
#79
Terphenyl-d14
Concen: 71.868 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Tgt Ion:244 Resp: 1217312
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.9 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# 2275
Delta R.T. -0.01 min
Lab File: BF112428.D
Acq: 6 Feb 2019 18:59

Instrument :
BNA_F
ClientSampleId :
SU-01-020519-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.4	17.0	25.4

