

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020619\
 Data File : BF112425.D
 Acq On : 6 Feb 2019 17:37
 Operator : JU/SJ
 Sample : K1338-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 06 23:54:18 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

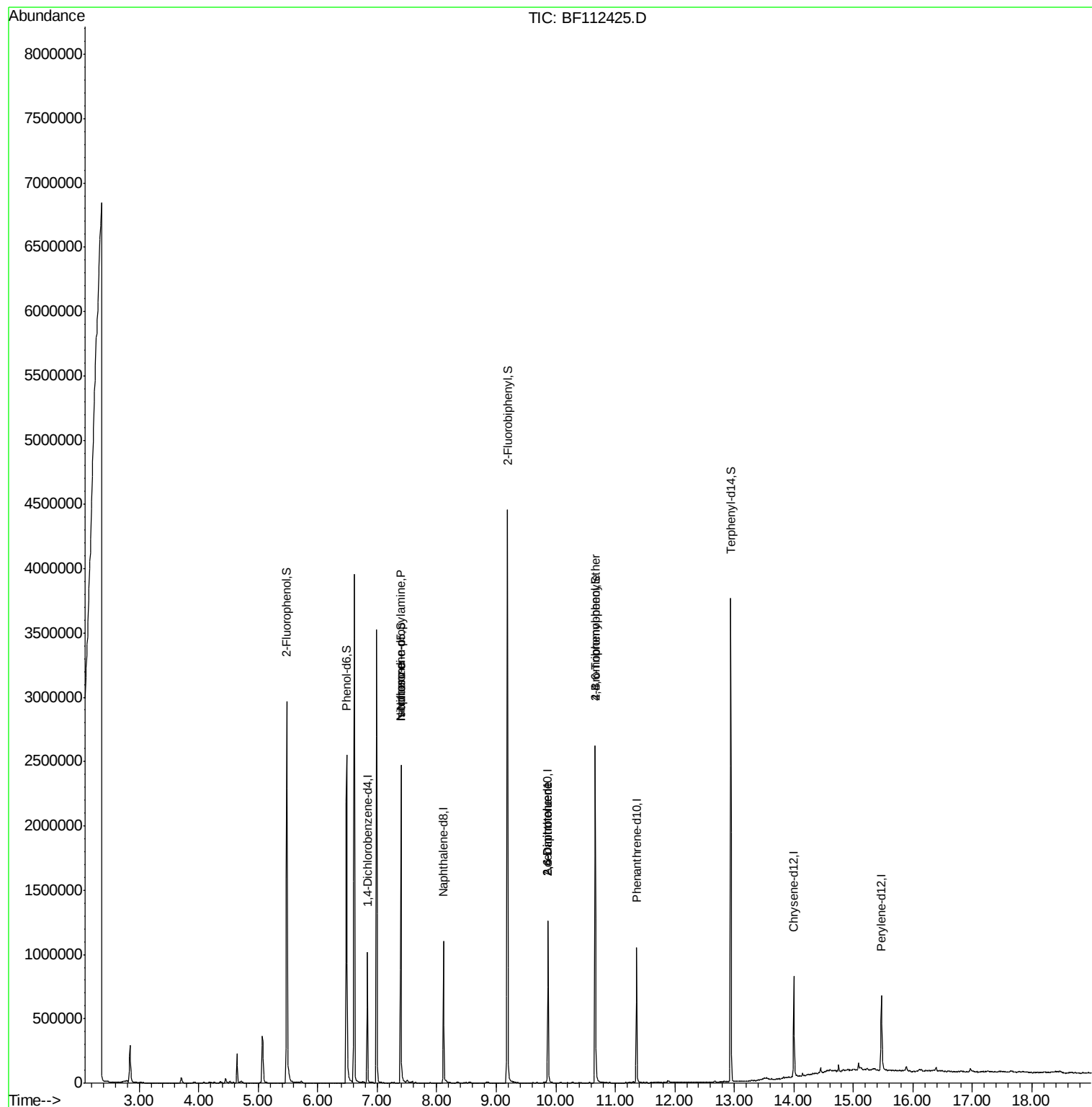
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	146364	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	547407	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	245907	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	388027	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	305109	20.00	ng	-0.01
87) Perylene-d12	15.47	264	292415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	896289	130.07	ng	0.00
7) Phenol-d6	6.49	99	965425	100.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	820885	86.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	332324	116.10	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1605862	92.36	ng	-0.01
79) Terphenyl-d14	12.94	244	1210877	74.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	110297	16.706	ng	# 76
25) Isophorone	7.40	82	820874	55.077	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	31198	7.291	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	31198	5.727	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	19672	4.310	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: BF112425.D

Acq: 6 Feb 2019 17:37

Instrument :

BNA_F

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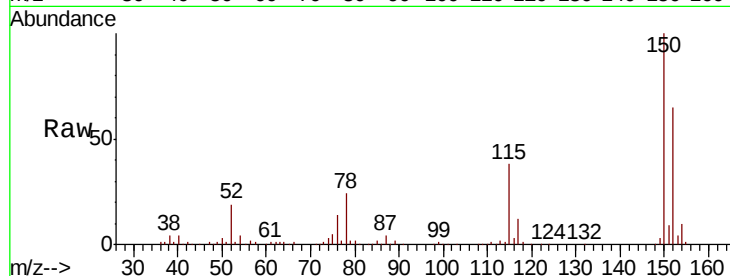
Tgt Ion:152 Resp: 146364

Ion Ratio Lower Upper

152 100

150 154.9 127.4 191.0

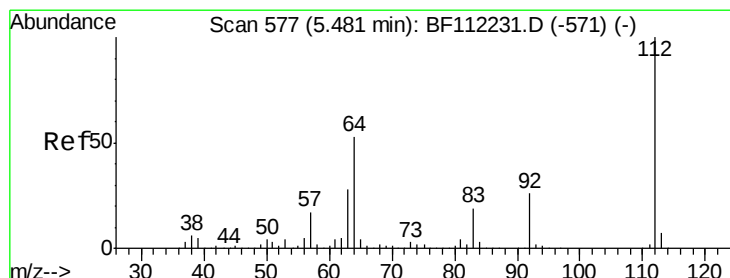
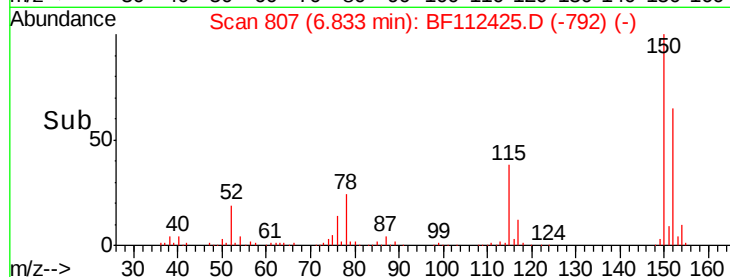
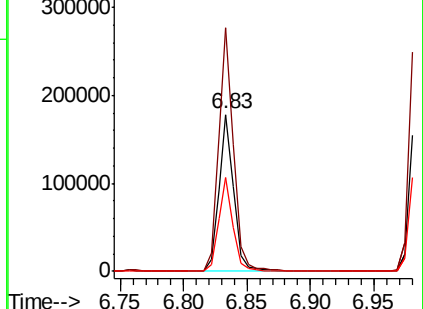
115 59.6 45.5 68.3



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: 130.071 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF112425.D

Acq: 6 Feb 2019 17:37

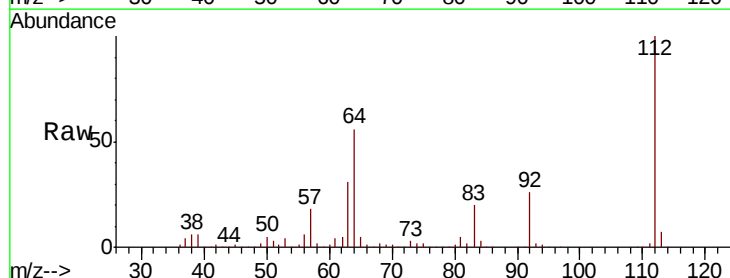
Tgt Ion:112 Resp: 896289

Ion Ratio Lower Upper

112 100

64 56.2 45.7 68.5

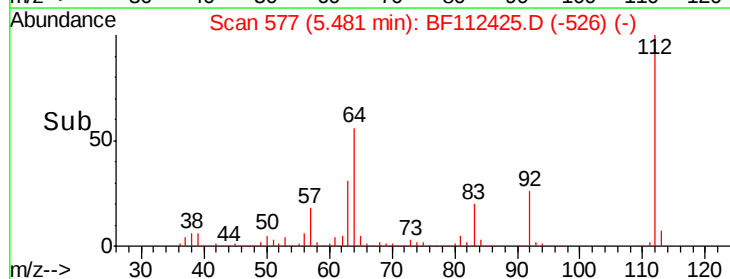
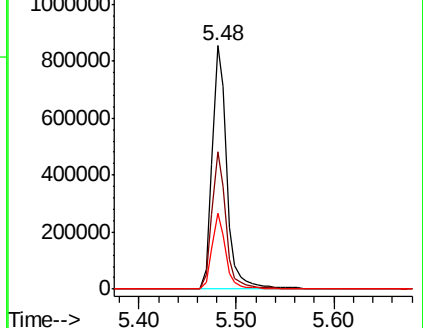
63 31.0 23.6 35.4



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: 100.827 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112425.D

Acq: 6 Feb 2019 17:37

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

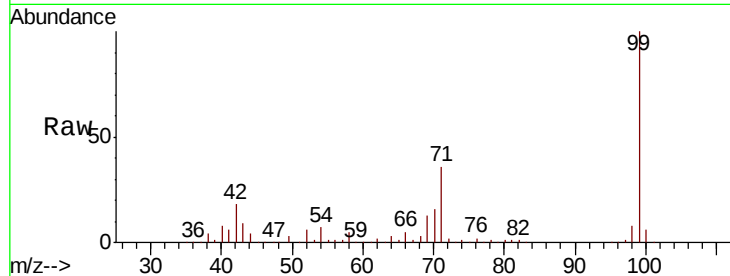
Tgt Ion: 99 Resp: 965425

Ion Ratio Lower Upper

99 100

42 18.0 15.1 22.7

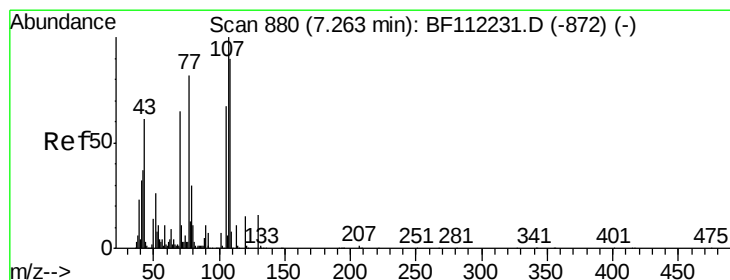
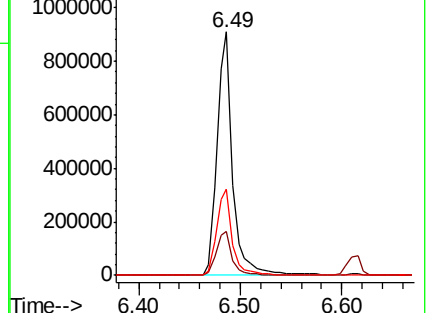
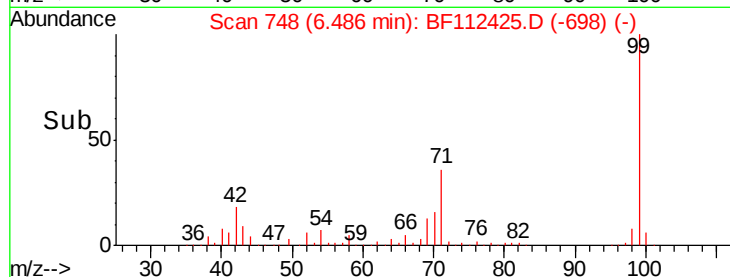
71 35.6 26.9 40.3



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: 16.706 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112425.D

Acq: 6 Feb 2019 17:37

Tgt Ion: 70 Resp: 110297

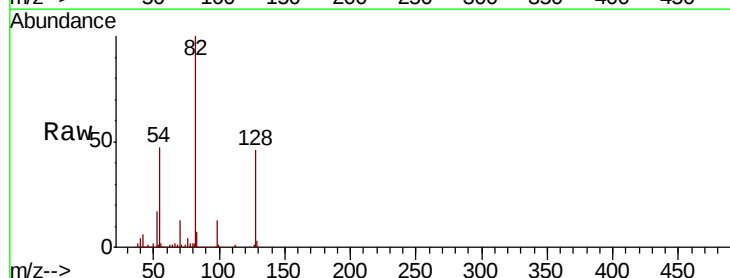
Ion Ratio Lower Upper

70 100

42 47.3 47.6 71.4#

101 0.0 7.9 11.9#

130 2.4 18.4 27.6#

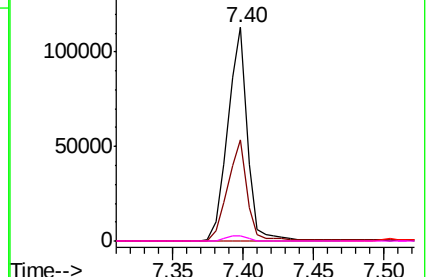
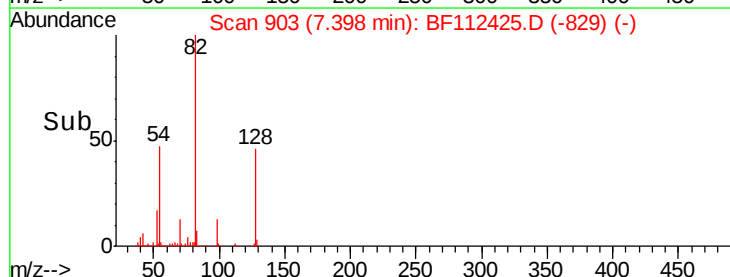


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF112425.D

Acq: 6 Feb 2019 17:37

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

Tgt Ion: 136 Resp: 547407

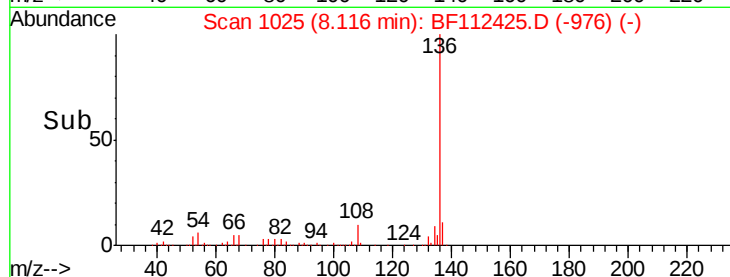
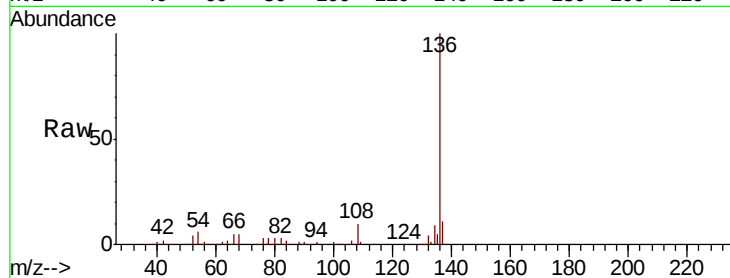
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 6.4 5.9 8.9

68 4.8 5.1 7.7#



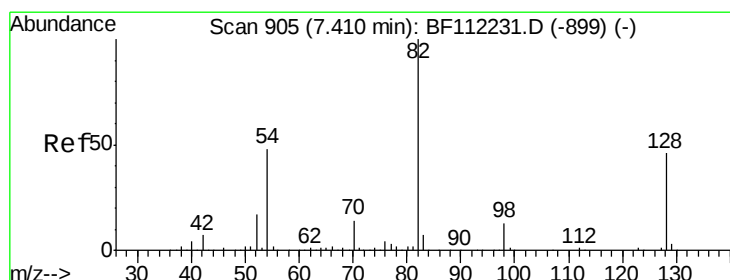
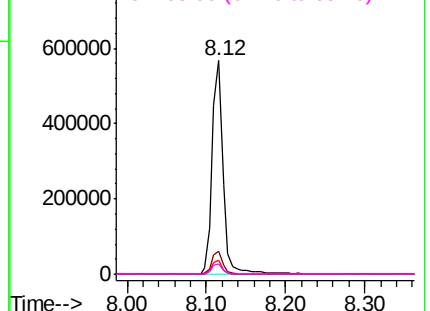
Abundance

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: 86.406 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112425.D

Acq: 6 Feb 2019 17:37

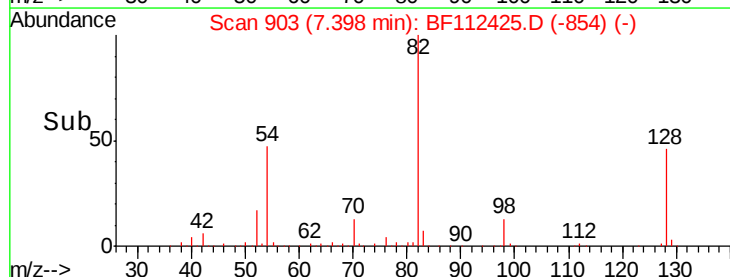
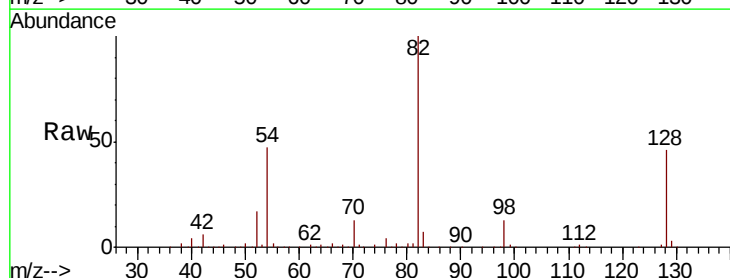
Tgt Ion: 82 Resp: 820885

Ion Ratio Lower Upper

82 100

128 45.6 37.8 56.8

54 47.2 39.7 59.5

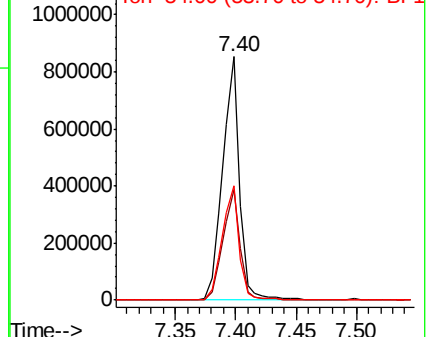


Abundance

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: 55.077 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112425.D

Acq: 6 Feb 2019 17:37

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

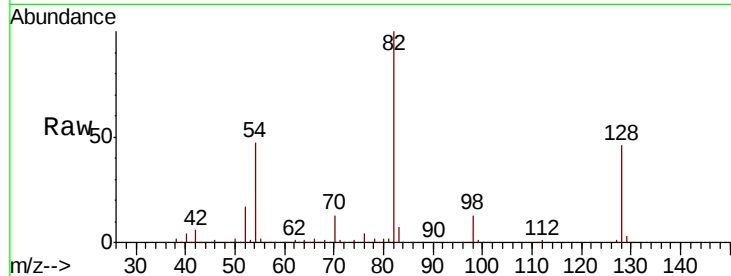
Tgt Ion: 82 Resp: 820874

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

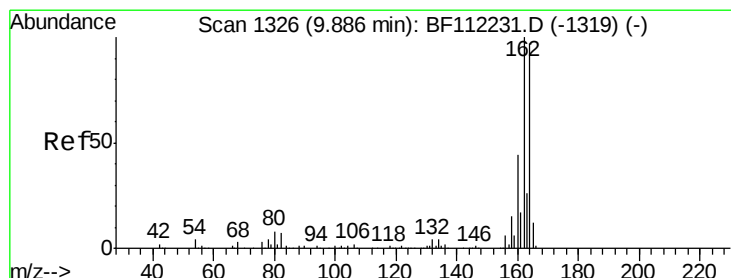
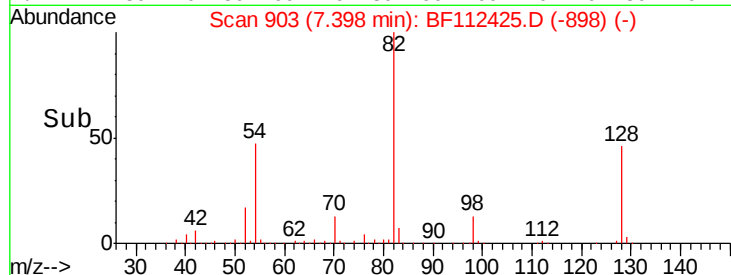
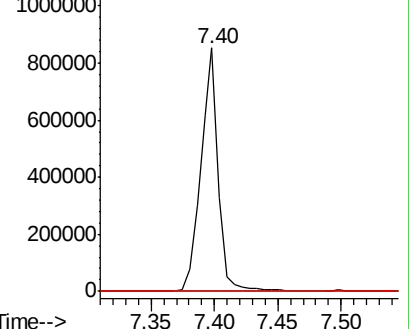
138 0.0 15.4 23.0#



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: BF112425.D

Acq: 6 Feb 2019 17:37

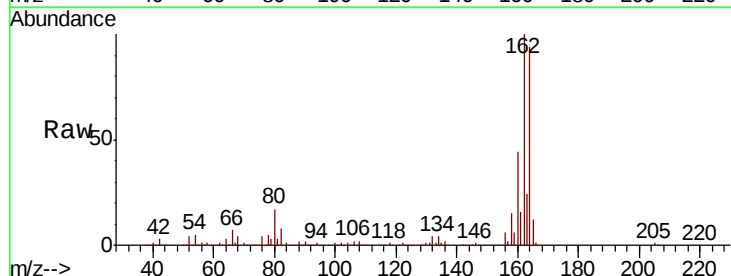
Tgt Ion: 164 Resp: 245907

Ion Ratio Lower Upper

164 100

162 106.5 82.2 123.4

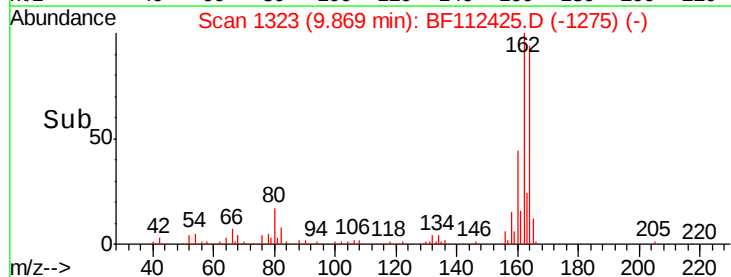
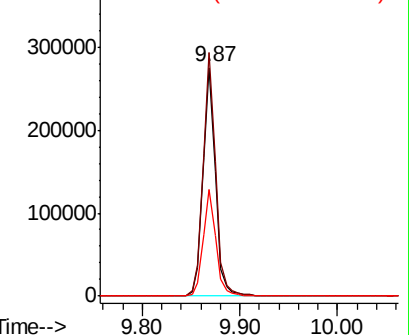
160 46.7 36.2 54.4



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

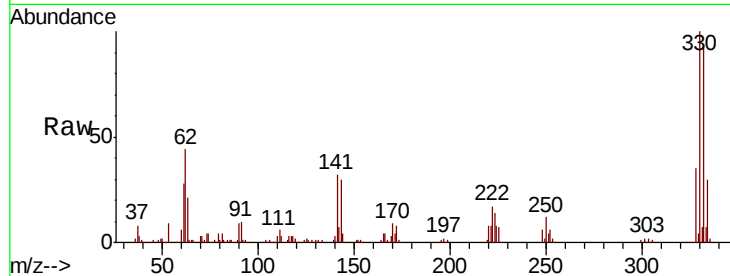




#42
 2,4,6-Tribromophenol
 Concen: 116.104 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112425.D
 Acq: 6 Feb 2019 17:37

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	32.9	24.3	36.5

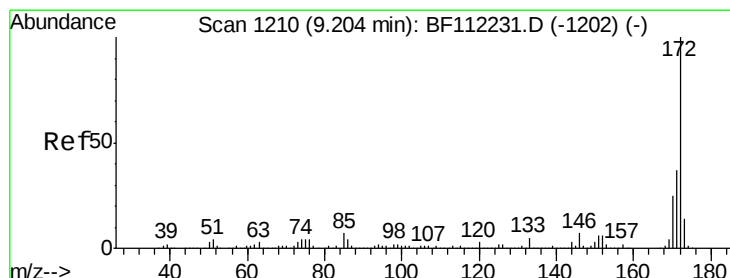
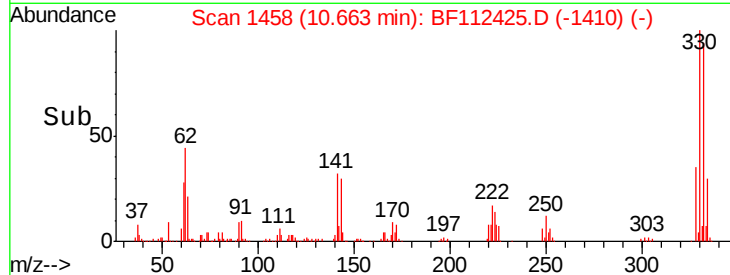
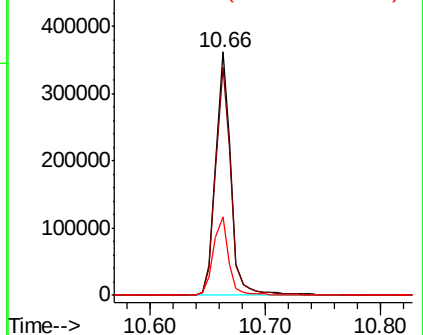


Abundance

Ion 329.80 (329.50 to 330.50): E

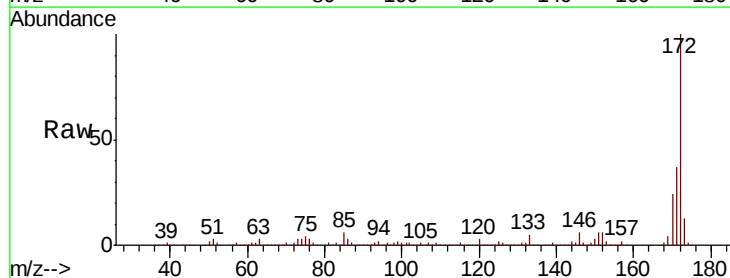
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.361 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112425.D
 Acq: 6 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.3	20.2	30.4

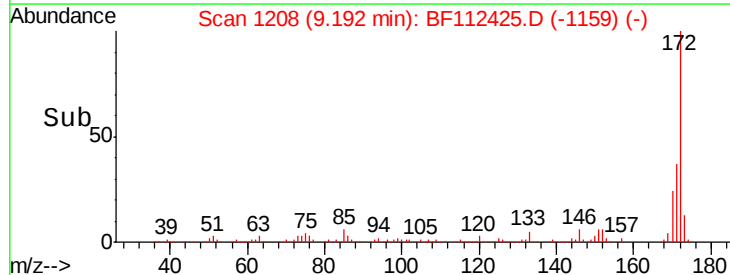
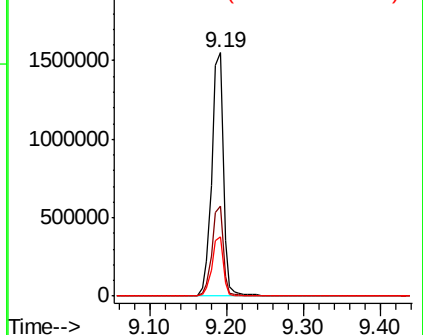


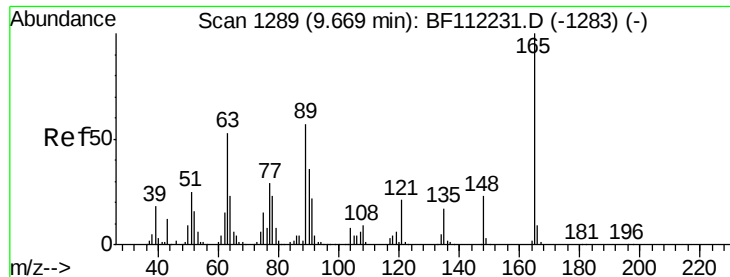
Abundance

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: 7.291 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112425.D

Acq: 6 Feb 2019 17:37

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AU-06-020519-B

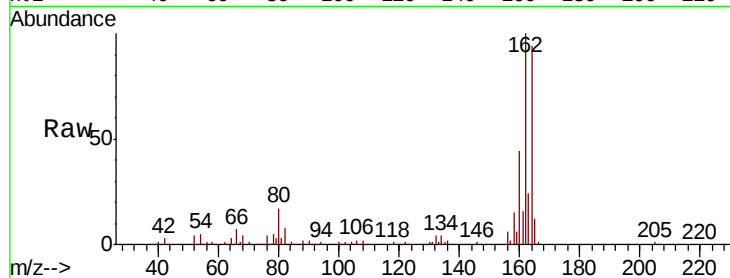
Tgt Ion:165 Resp: 31198

Ion Ratio Lower Upper

165 100

63 1.5 33.8 50.8#

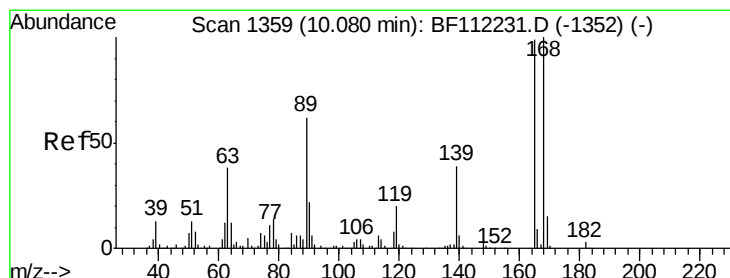
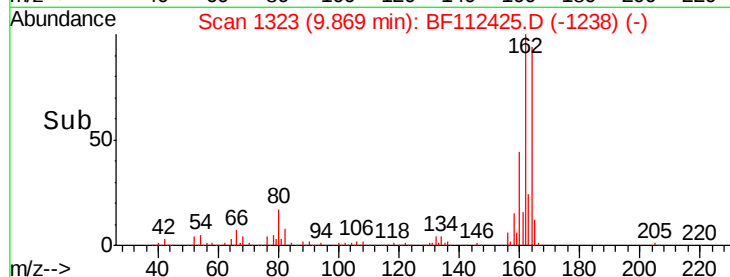
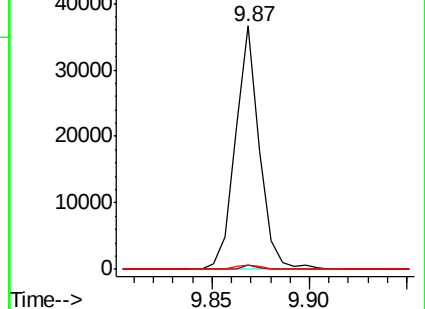
89 1.8 36.9 55.3#



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: 5.727 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112425.D

Acq: 6 Feb 2019 17:37

Tgt Ion:165 Resp: 31198

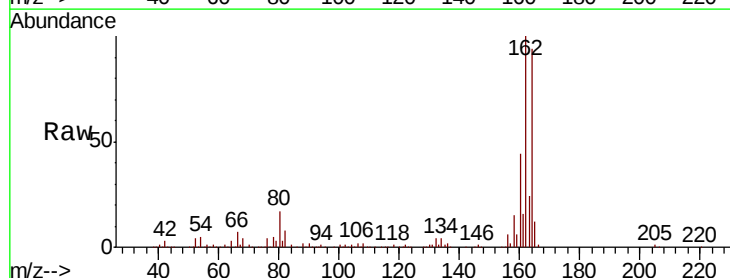
Ion Ratio Lower Upper

165 100

63 1.5 27.9 41.9#

89 1.8 47.9 71.9#

182 0.0 2.2 3.4#

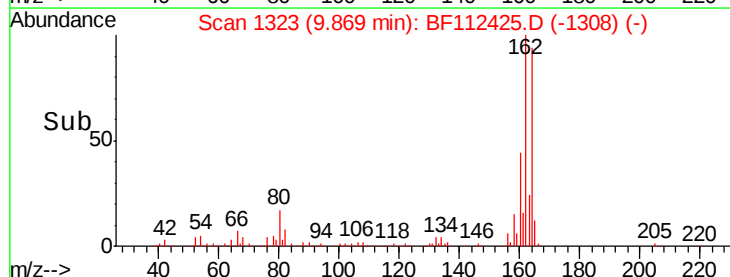
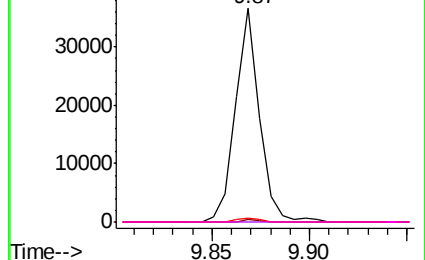


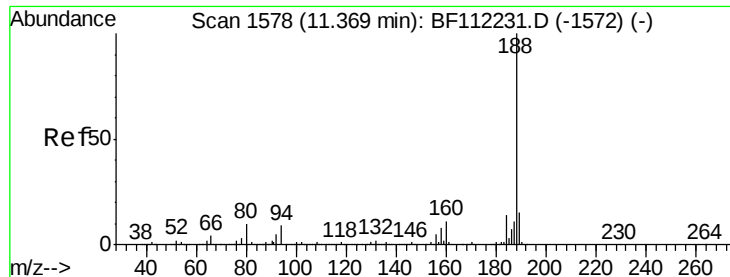
Abundance Ion 165.00 (164.70 to 165.70): E

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

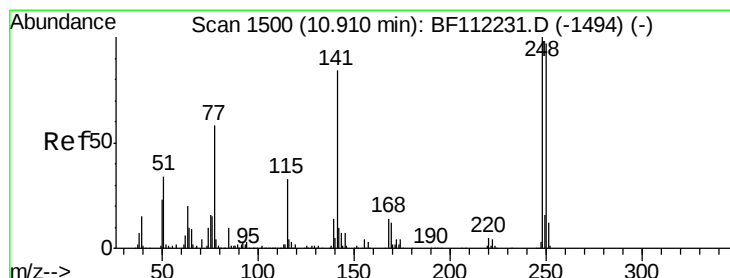
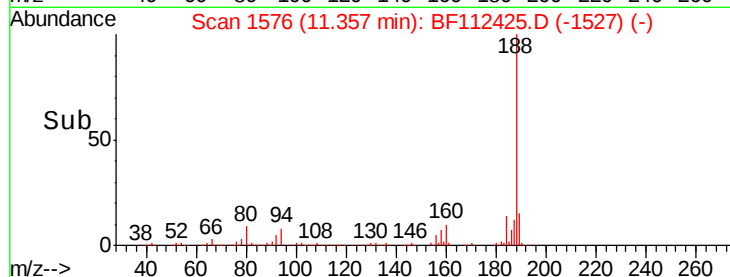
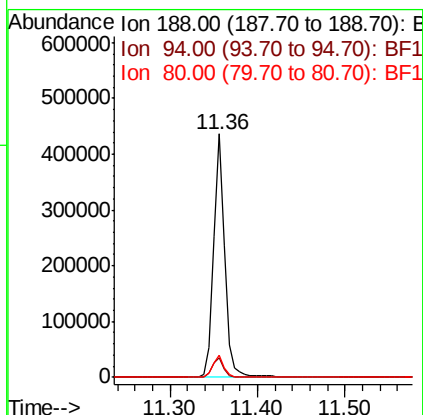
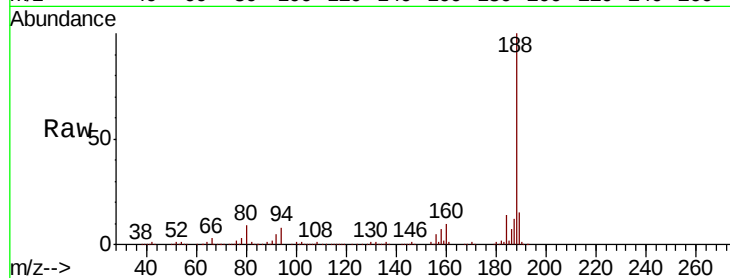




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112425.D
 Acq: 6 Feb 2019 17:37

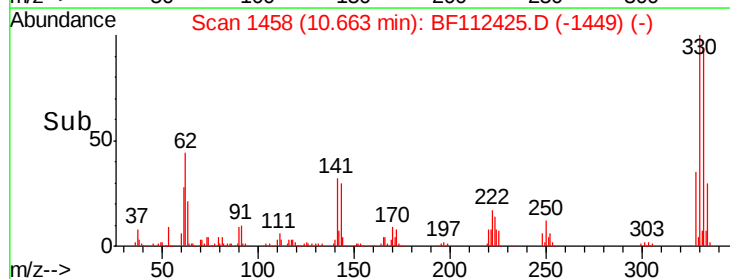
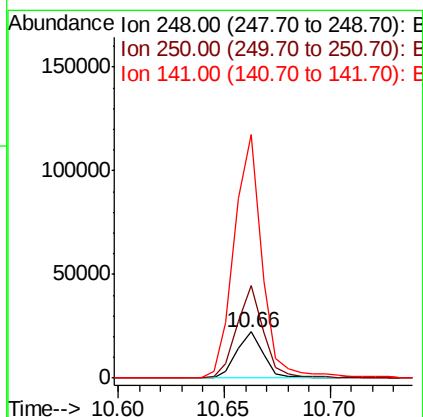
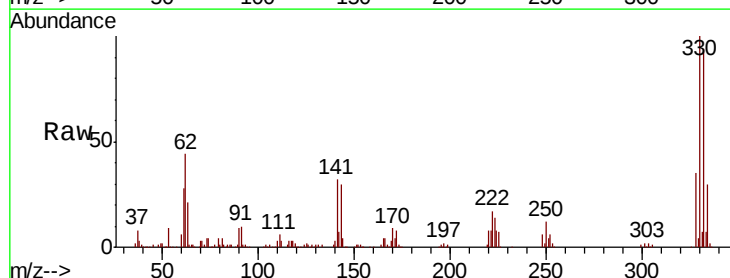
Instrument :
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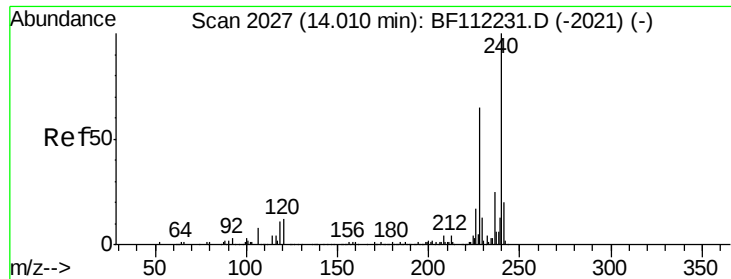
Tgt Ion:188 Resp: 388027
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.2 12.2
 80 9.2 8.9 13.3



#67
 4-Bromophenyl-phenylether
 Concen: 4.310 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112425.D
 Acq: 6 Feb 2019 17:37

Tgt Ion:248 Resp: 19672
 Ion Ratio Lower Upper
 248 100
 250 199.7 79.7 119.5#
 141 526.0 60.3 90.5#

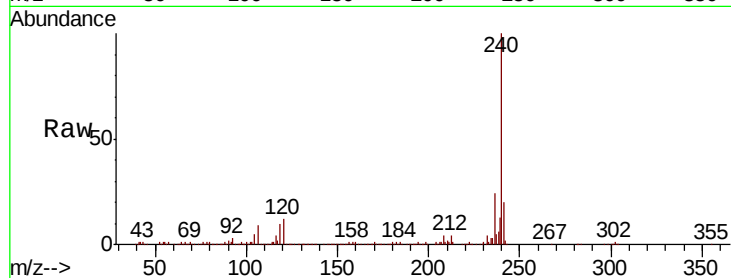




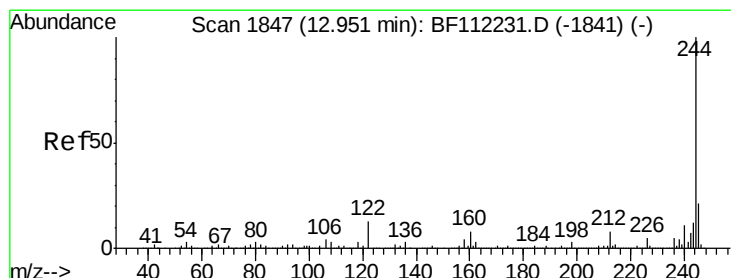
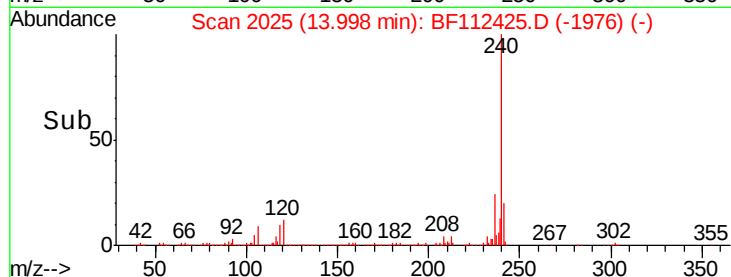
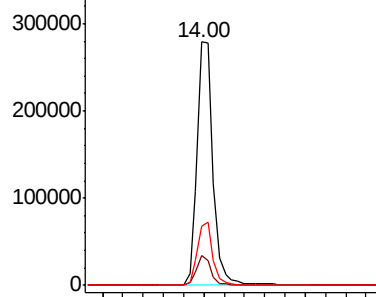
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112425.D
Acq: 6 Feb 2019 17:37

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

Tgt Ion:240 Resp: 305109
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 24.3 20.7 31.1

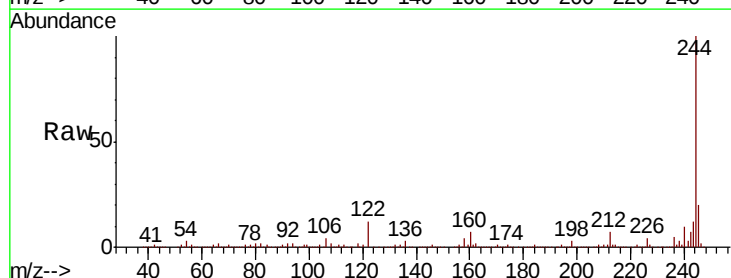


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

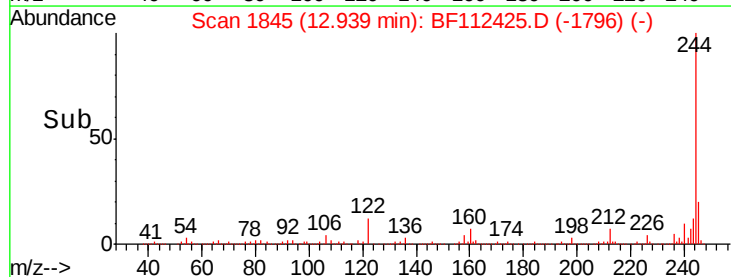
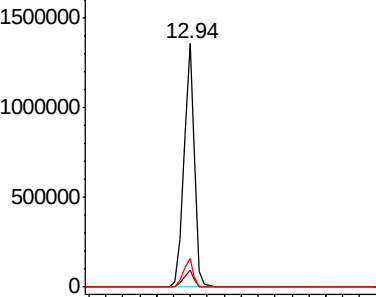


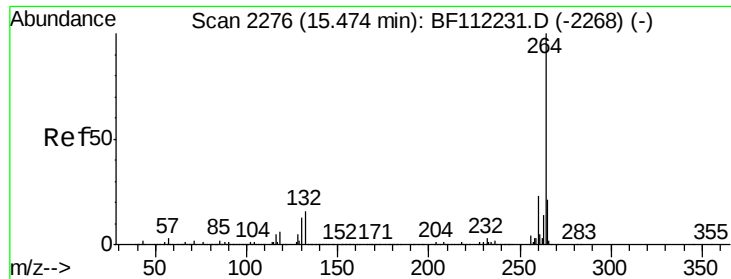
#79
Terphenyl-d14
Concen: 74.748 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112425.D
Acq: 6 Feb 2019 17:37

Tgt Ion:244 Resp: 1210877
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.6 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: BF112425.D
Acq: 6 Feb 2019 17:37

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	21.3	17.0	25.4

