

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021519\
 Data File : BF112581.D
 Acq On : 15 Feb 2019 16:21
 Operator : JU/SJ
 Sample : PB117100BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BL

Quant Time: Feb 15 23:43:42 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

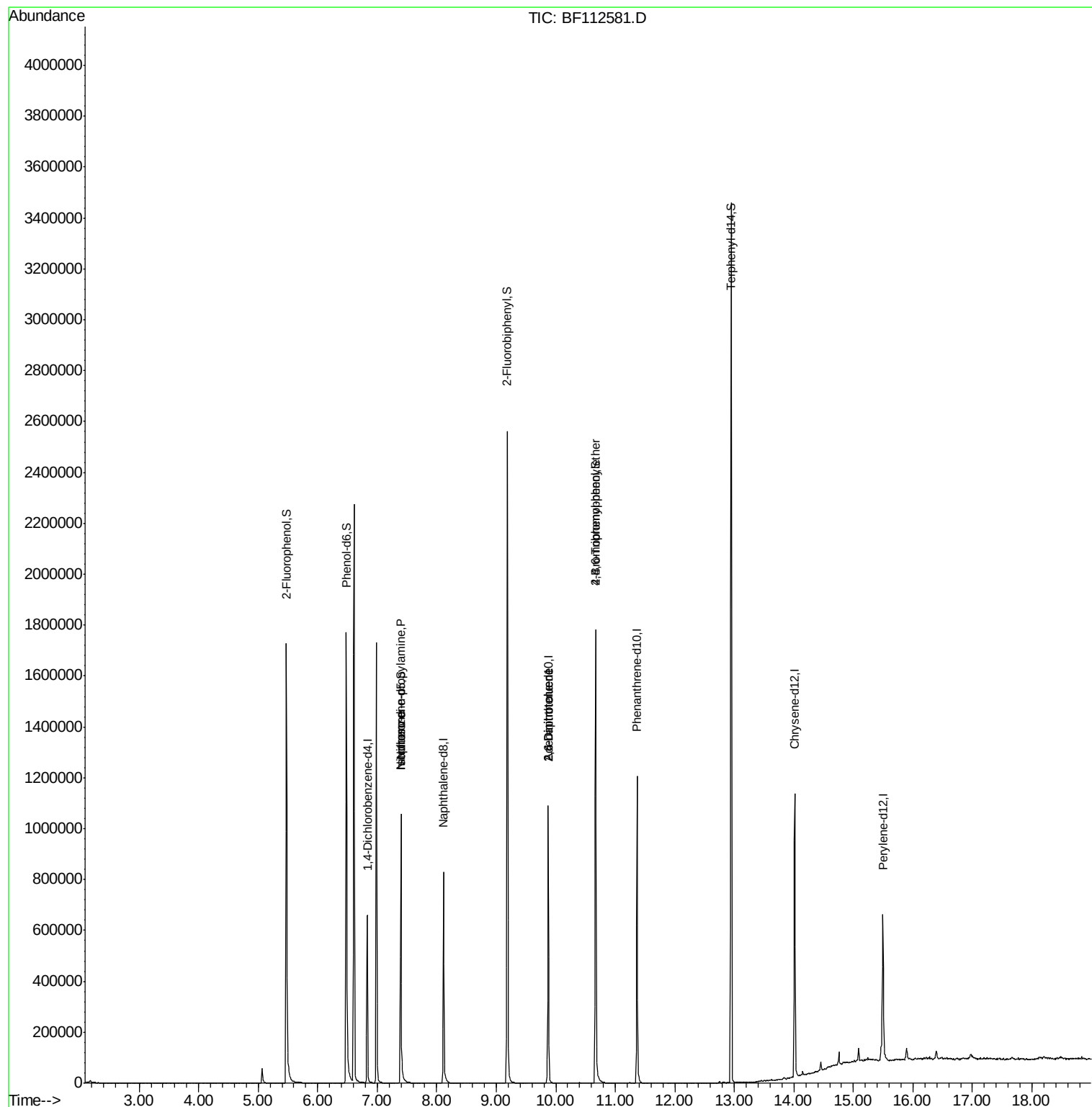
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	113870	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	465016	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	244684	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	508530	20.00	ng	0.00
76) Chrysene-d12	14.02	240	400979	20.00	ng	0.00
87) Perylene-d12	15.50	264	309461	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	534917	99.78	ng	0.00
7) Phenol-d6	6.48	99	668168	89.70	ng	-0.01
23) Nitrobenzene-d5	7.40	82	434545	53.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	244060	85.69	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	980114	56.65	ng	-0.01
79) Terphenyl-d14	12.95	244	1169258	54.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	58886	11.464	ng	# 76
25) Isophorone	7.40	82	434541	34.322	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	30828	7.241	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	30828	5.687	ng	# 32
67) 4-Bromophenyl-phenylether	10.67	248	14271	2.386	ng	# 1

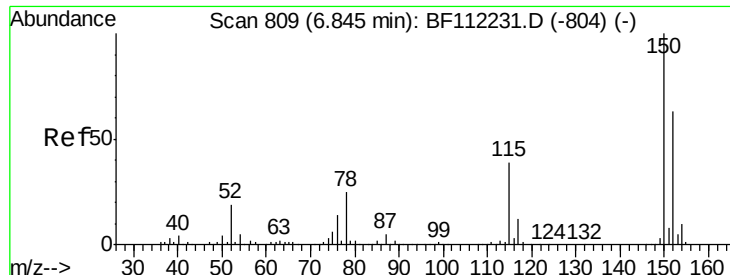
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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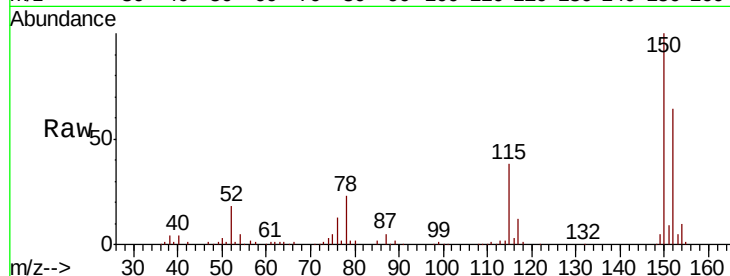


#1

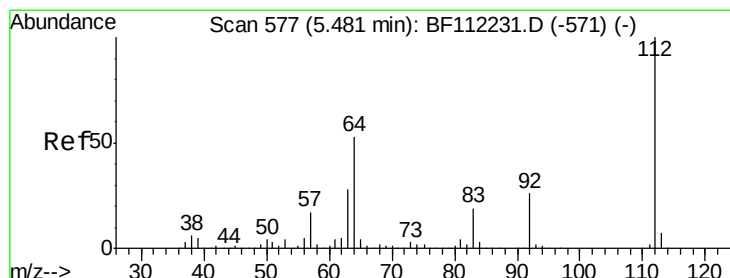
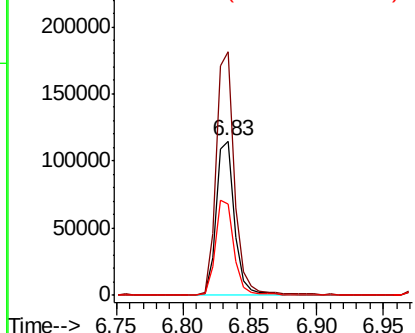
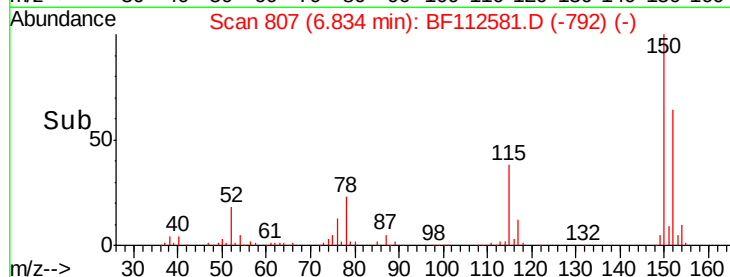
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112581.D
Acq: 15 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tgt Ion:152 Resp: 113870
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 59.3 45.5 68.3



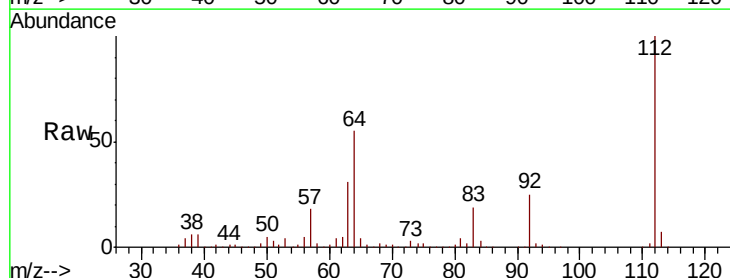
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



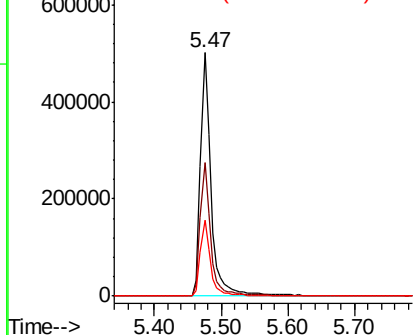
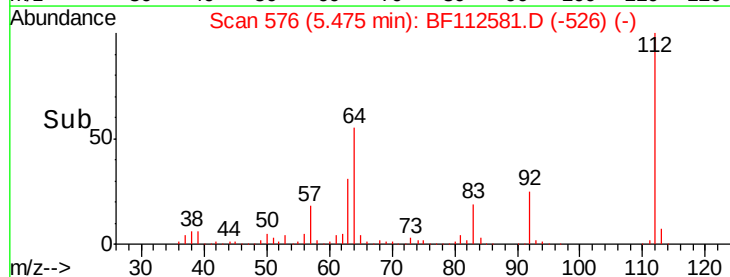
#5

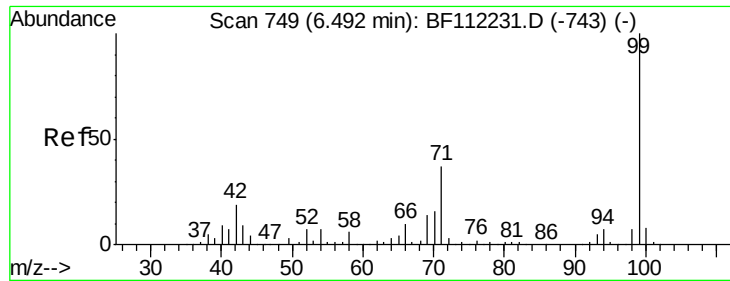
2-Fluorophenol
Concen: 99.780 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112581.D
Acq: 15 Feb 2019 16:21

Tgt Ion:112 Resp: 534917
Ion Ratio Lower Upper
112 100
64 54.9 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: 89.695 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB117100BL

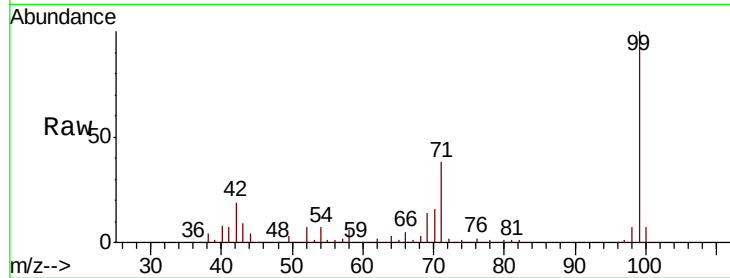
Tgt Ion: 99 Resp: 668168

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

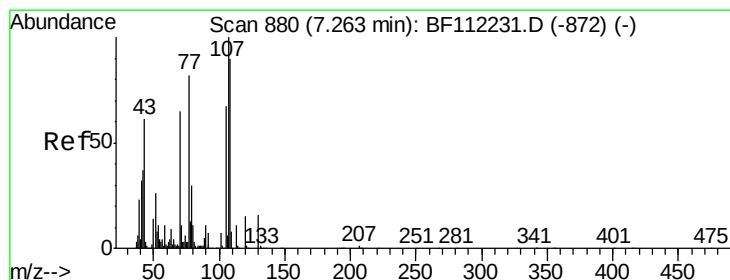
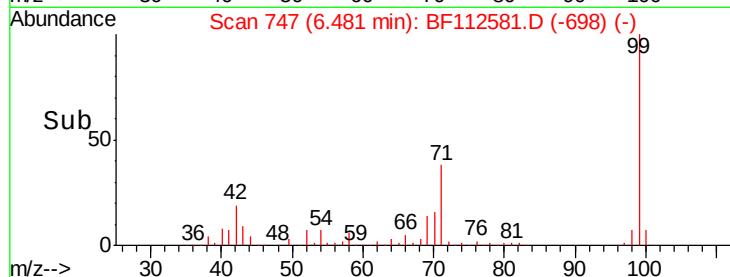
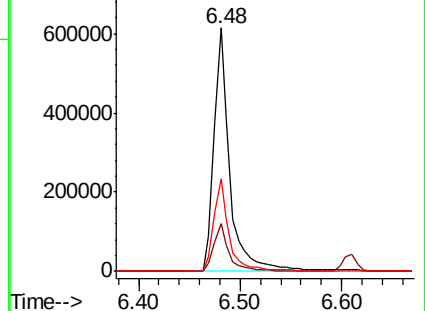
71 38.3 26.9 40.3



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: 11.464 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Tgt Ion: 70 Resp: 58886

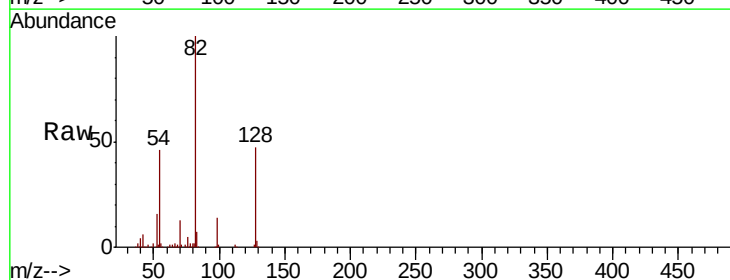
Ion Ratio Lower Upper

70 100

42 47.3 47.6 71.4#

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

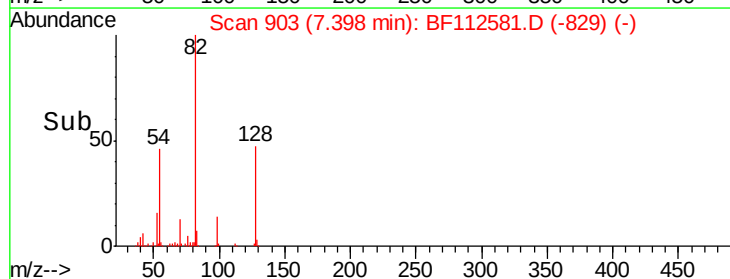
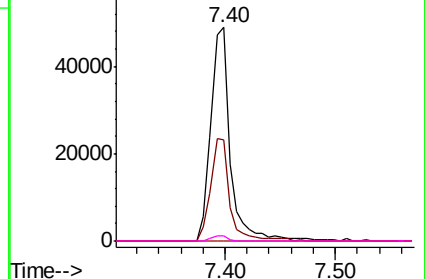


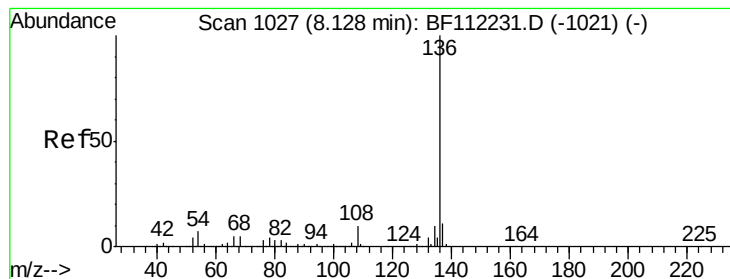
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF112581.D

Acq: 15 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB117100BL

Tgt Ion: 136 Resp: 465016

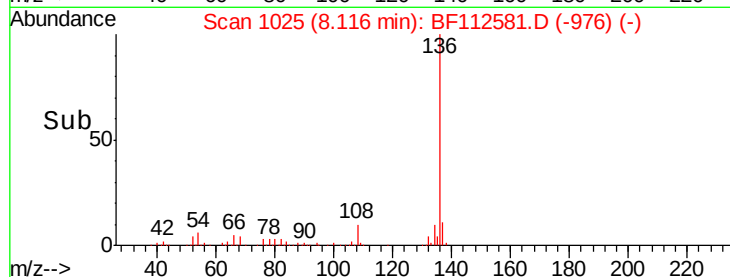
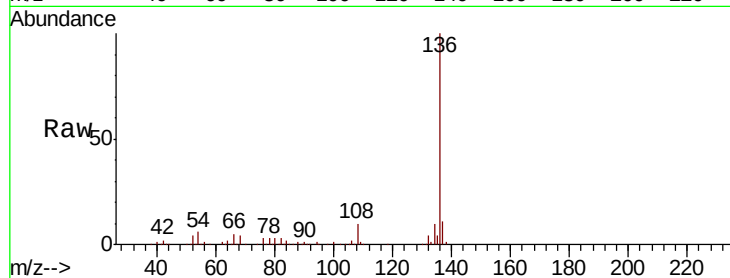
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 5.9 5.9 8.9#

68 4.5 5.1 7.7#



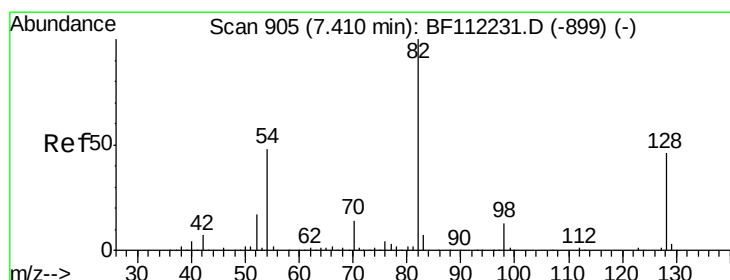
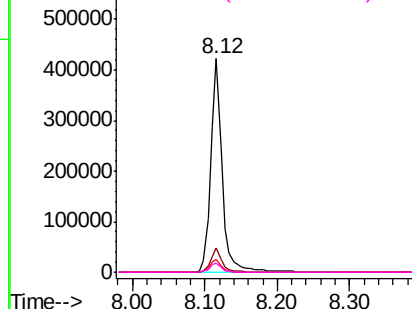
Abundance

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: 53.844 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

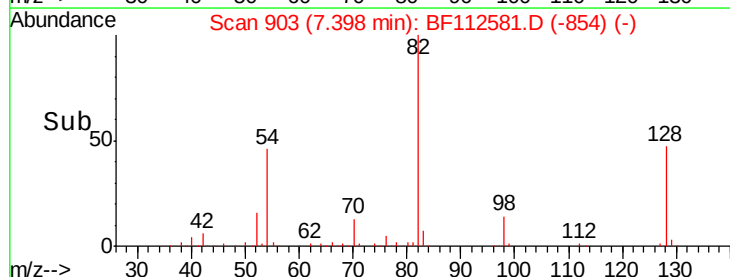
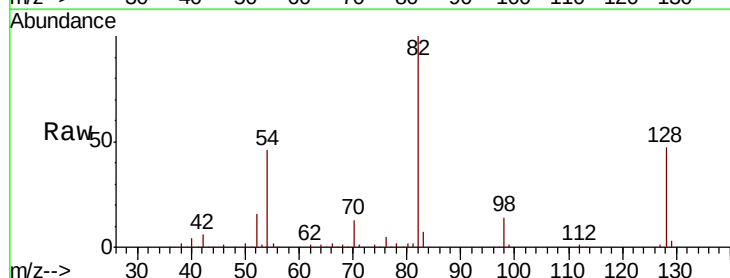
Tgt Ion: 82 Resp: 434545

Ion Ratio Lower Upper

82 100

128 46.7 37.8 56.8

54 46.4 39.7 59.5

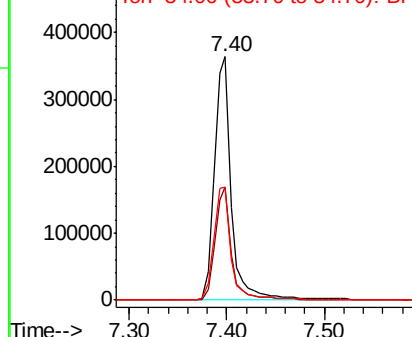


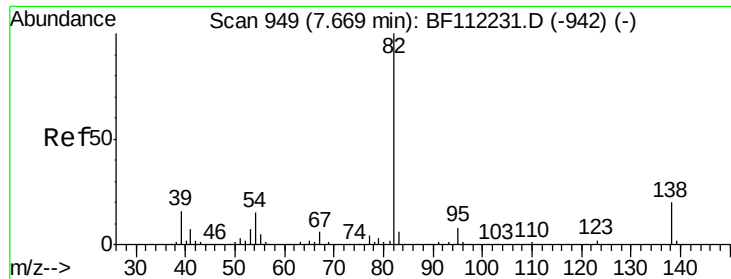
Abundance

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: 34.322 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB117100BL

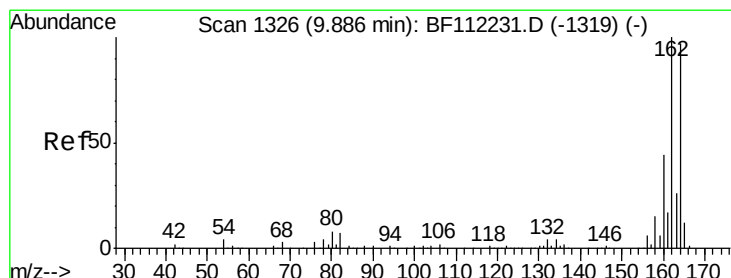
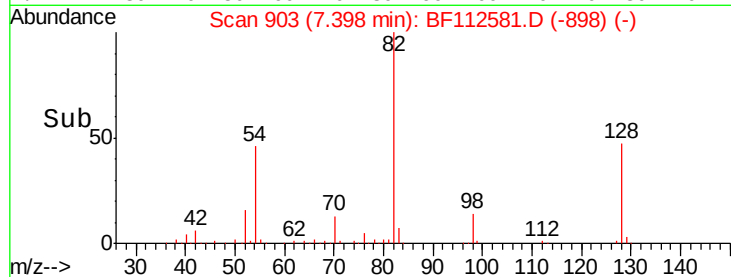
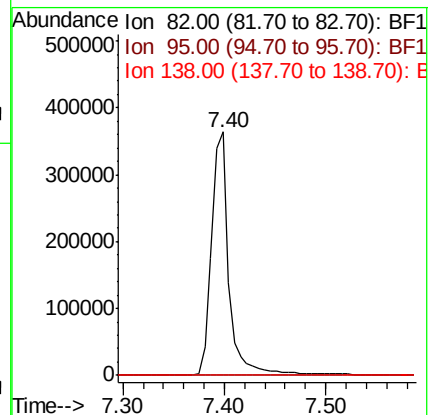
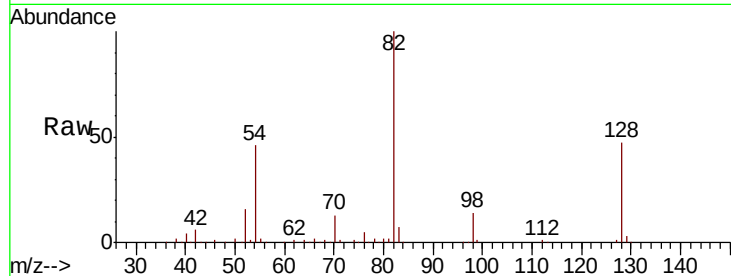
Tgt Ion: 82 Resp: 434541

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

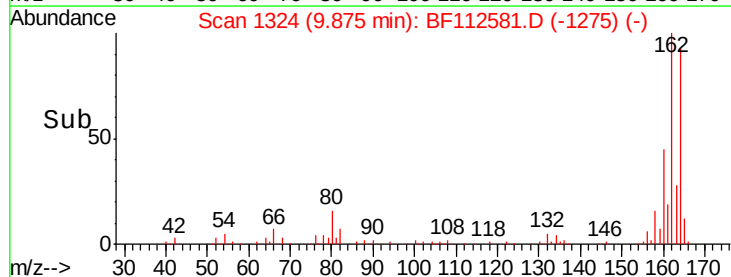
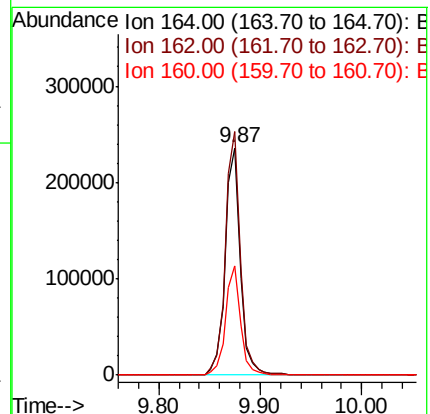
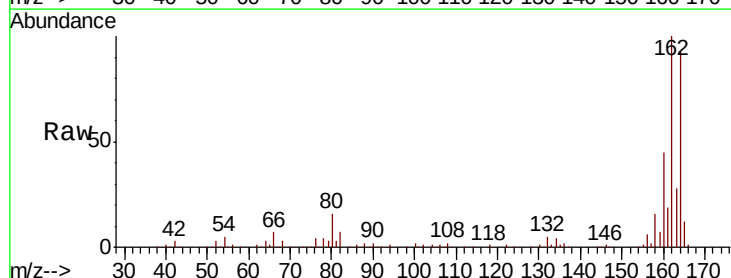
Tgt Ion: 164 Resp: 244684

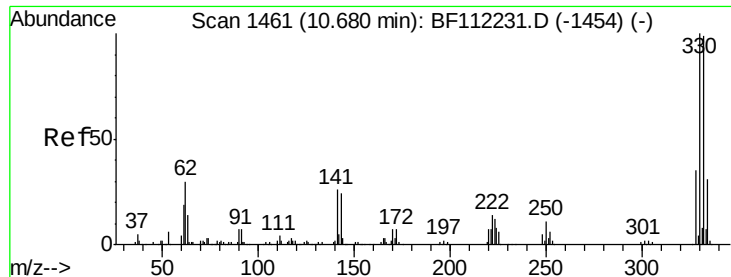
Ion Ratio Lower Upper

164 100

162 107.1 82.2 123.4

160 48.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 85.694 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB117100BL

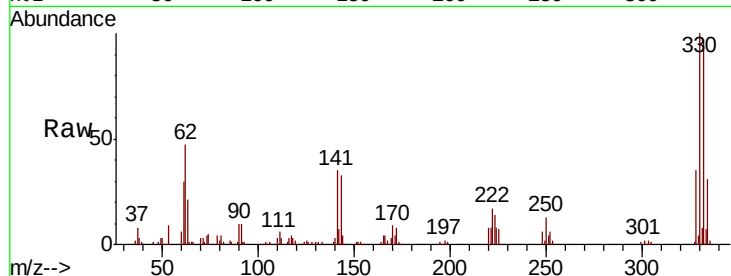
Tgt Ion:330 Resp: 244060

Ion Ratio Lower Upper

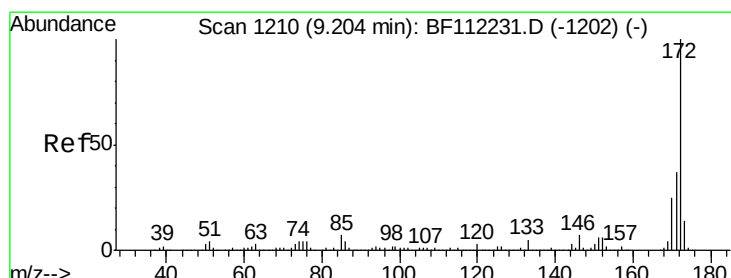
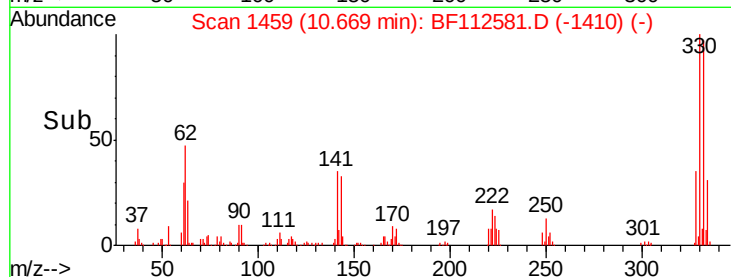
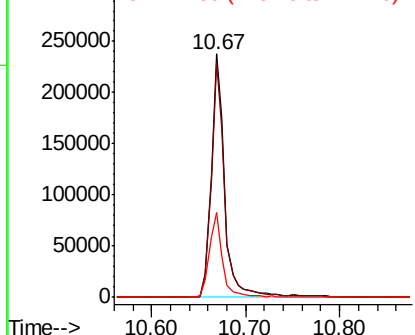
330 100

332 96.5 76.6 114.8

141 34.5 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: 56.653 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

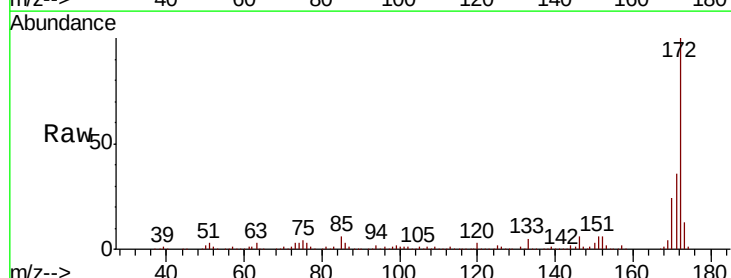
Tgt Ion:172 Resp: 980114

Ion Ratio Lower Upper

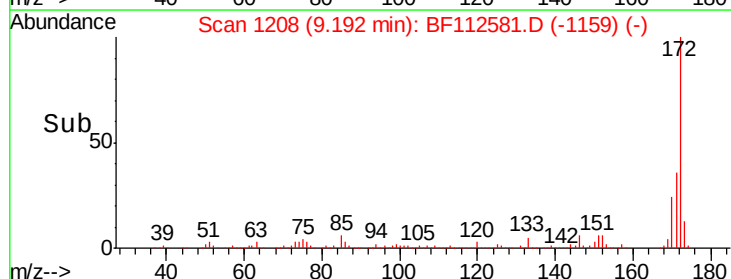
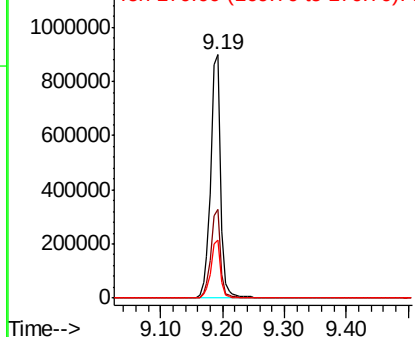
172 100

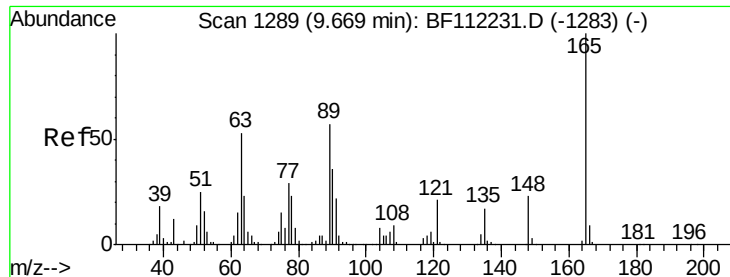
171 36.3 30.5 45.7

170 23.8 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: 7.241 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

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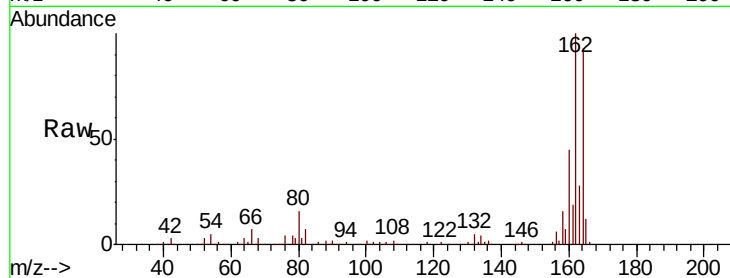
Tgt Ion:165 Resp: 30828

Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.8#

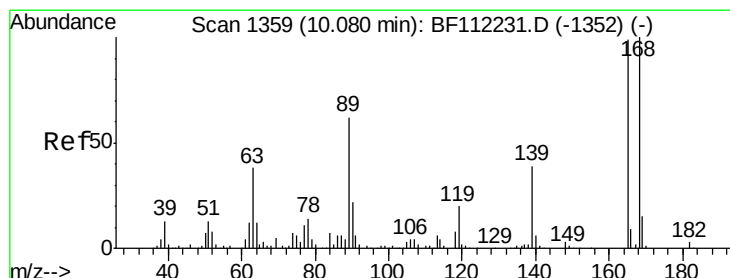
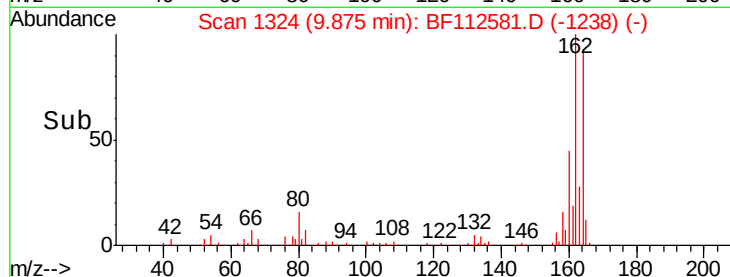
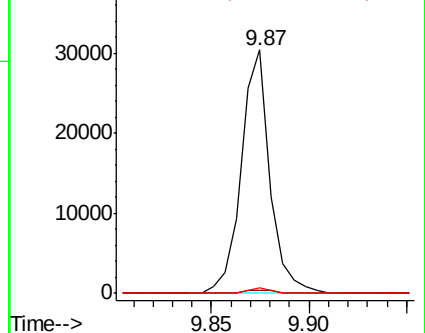
89 2.1 36.9 55.3#



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: 5.687 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Tgt Ion:165 Resp: 30828

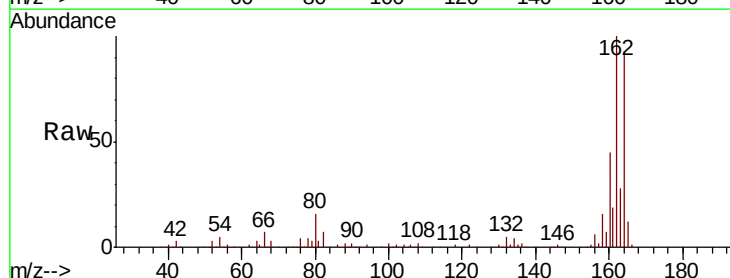
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 2.1 47.9 71.9#

182 0.0 2.2 3.4#

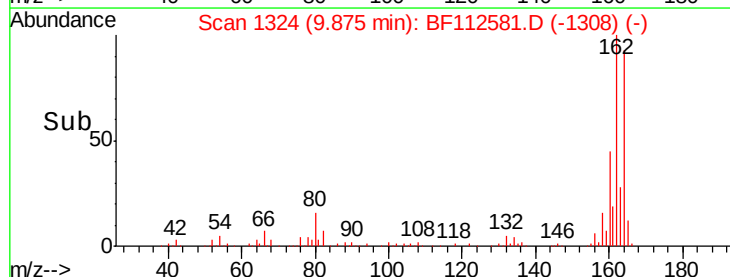
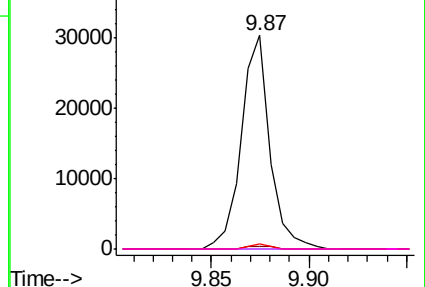


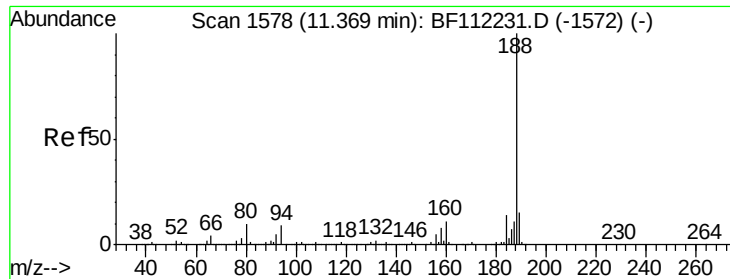
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1577

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

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PB117100BL

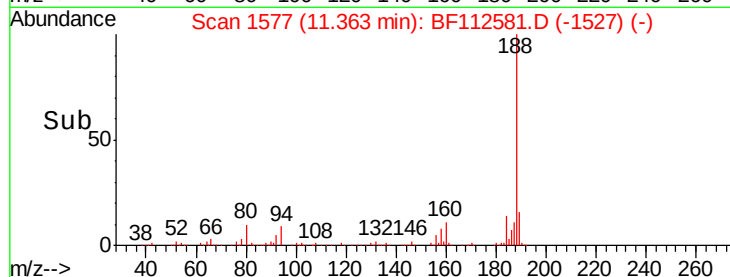
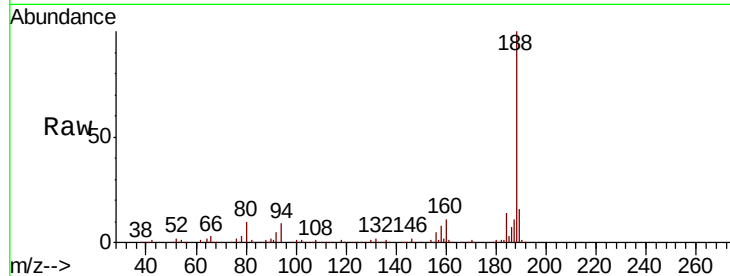
Tgt Ion:188 Resp: 508530

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

80 9.8 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

11.36

600000

500000

400000

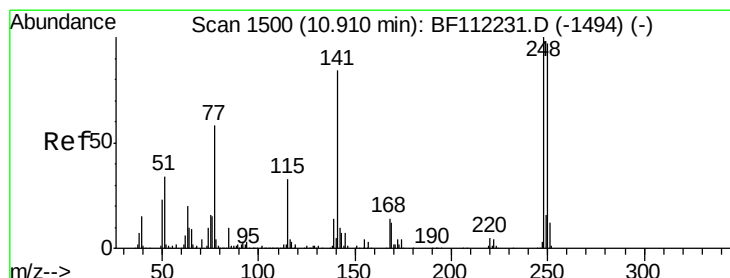
300000

200000

100000

0

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.386 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.24 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

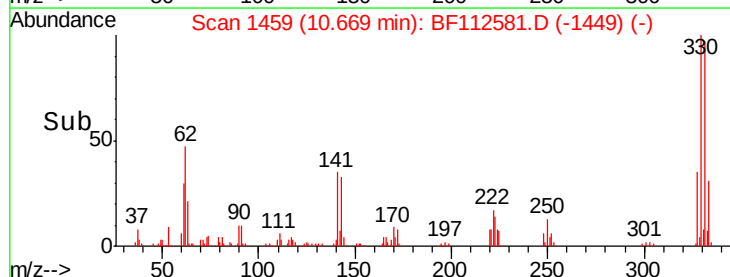
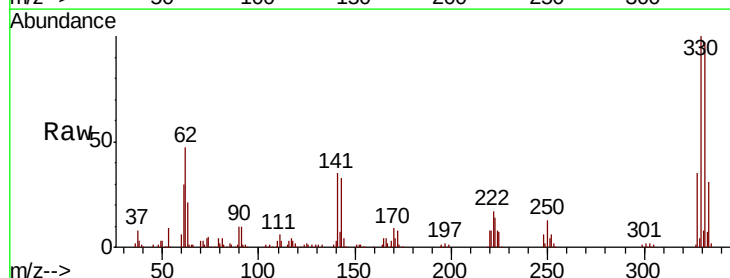
Tgt Ion:248 Resp: 14271

Ion Ratio Lower Upper

248 100

250 195.0 79.7 119.5#

141 540.2 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

100000

80000

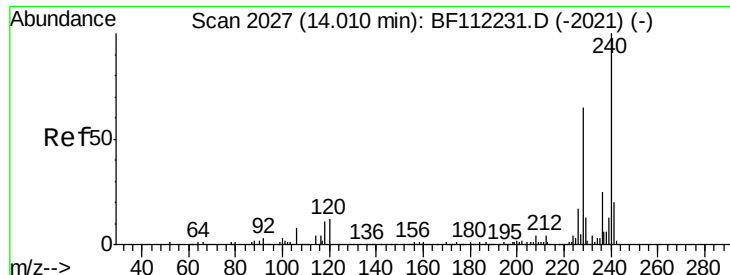
60000

40000

20000

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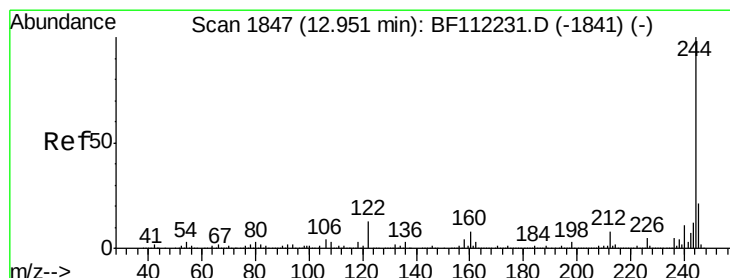
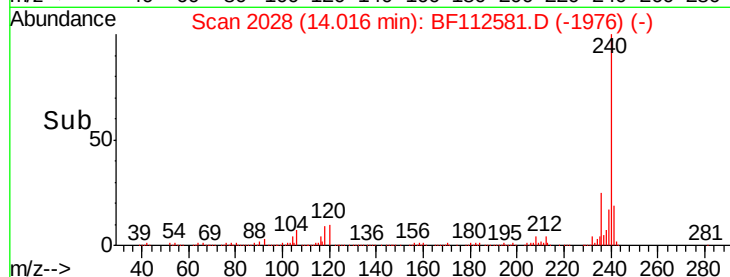
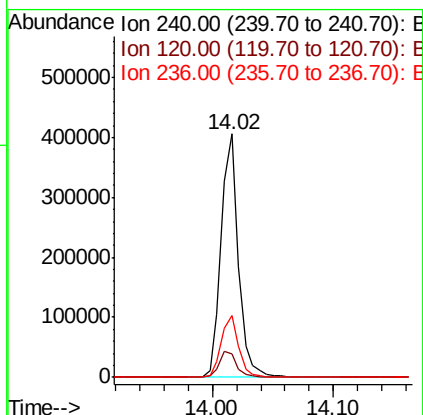
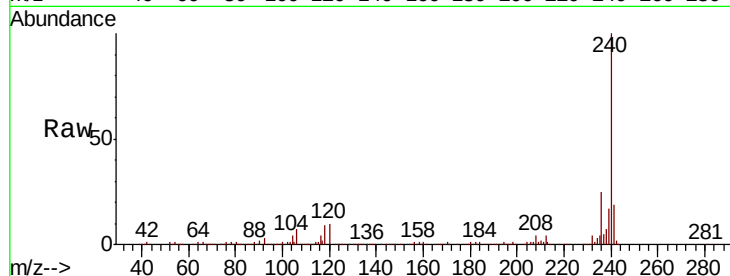
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112581.D
Acq: 15 Feb 2019 16:21

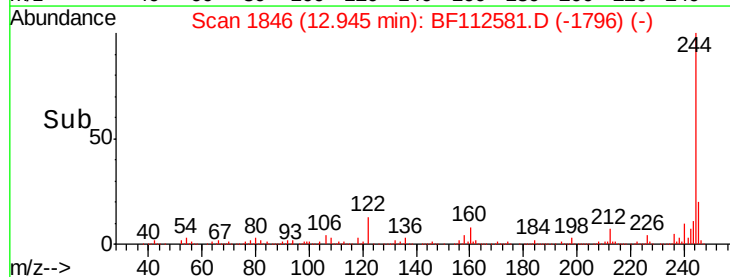
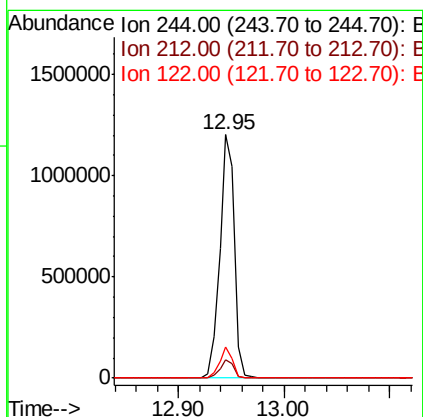
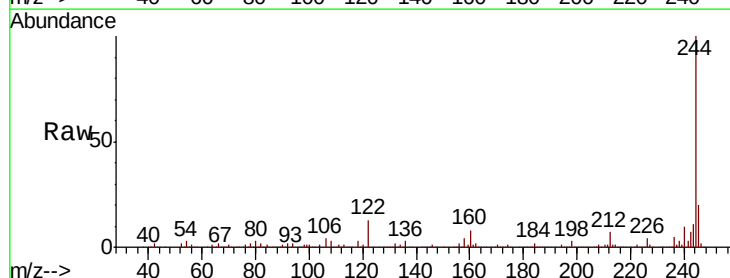
Instrument :
BNA_F
ClientSampleId :
PB117100BL

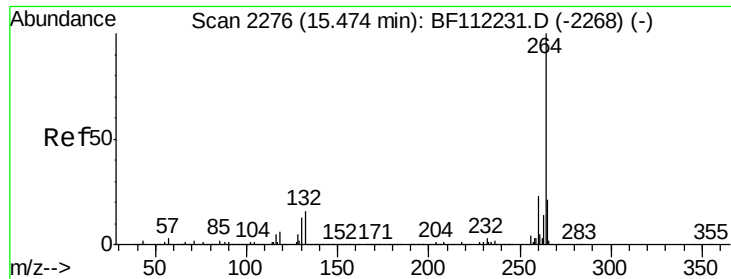
Tgt Ion:240 Resp: 400979
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 54.921 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112581.D
Acq: 15 Feb 2019 16:21

Tgt Ion:244 Resp: 1169258
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.6 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112581.D
Acq: 15 Feb 2019 16:21

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tgt Ion: 264 Resp: 309461
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.2
265 21.2 17.0 25.4

