

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112367.D
 Acq On : 1 Feb 2019 22:27
 Operator : JU/SJ
 Sample : PB116745BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BL

Quant Time: Feb 01 23:23:10 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

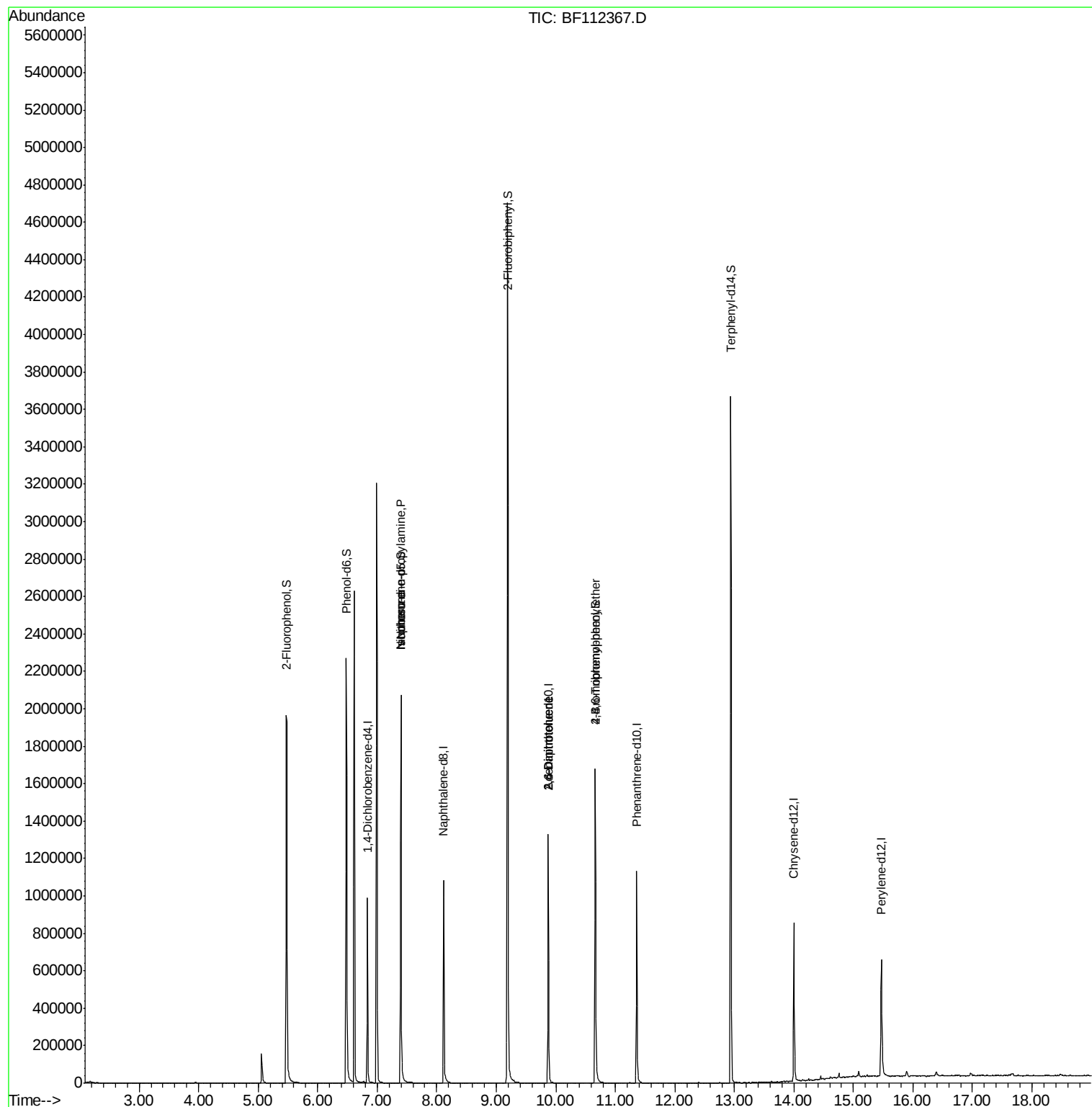
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	158709	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	606560	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	290855	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	506758	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	338474	20.00	ng	0.00
87) Perylene-d12	15.47	264	334472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	639574	85.60	ng	0.00
7) Phenol-d6	6.48	99	796953	76.76	ng	-0.01
23) Nitrobenzene-d5	7.40	82	750945	71.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	231534	68.39	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1576569	76.66	ng	-0.01
79) Terphenyl-d14	12.94	244	1221789	67.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	100021	13.971	ng	# 75
25) Isophorone	7.40	82	750941	45.472	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	36516	7.215	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	36510	5.667	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	13413	2.250	ng	# 1

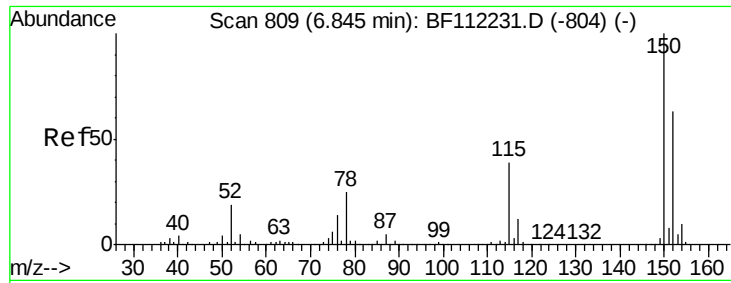
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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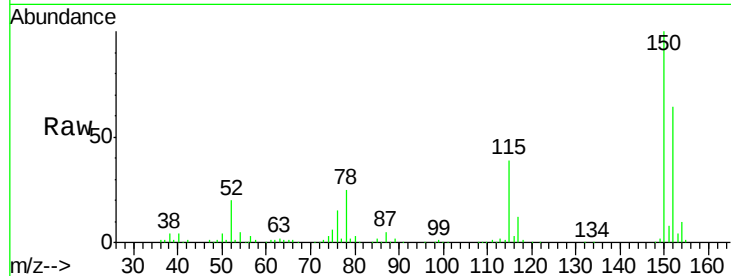


#1

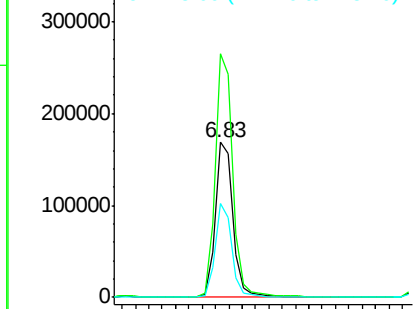
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112367.D
Acq: 1 Feb 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB116745BL

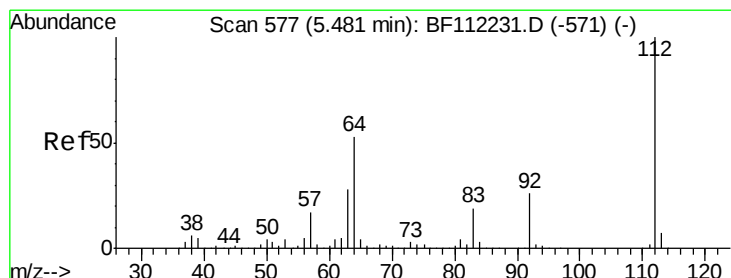
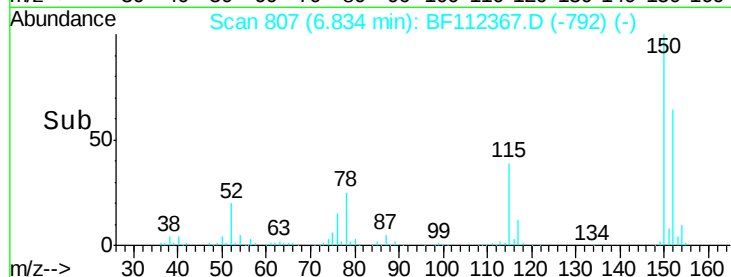
Tgt Ion:152 Resp: 158709
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 61.0 45.5 68.3



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



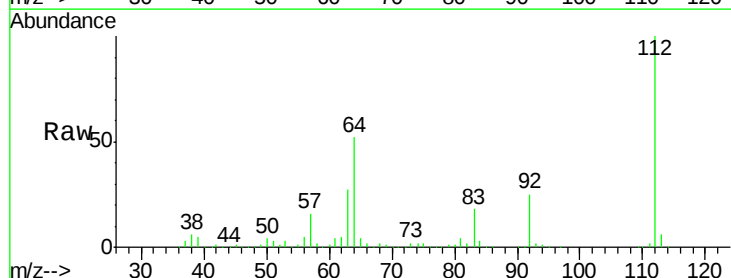
Time-->



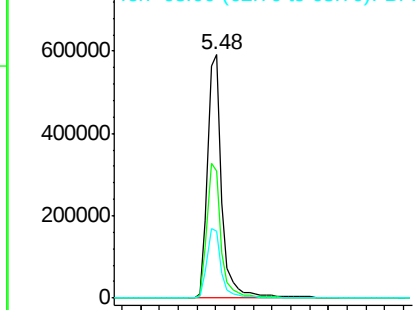
#5

2-Fluorophenol
Concen: 85.597 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112367.D
Acq: 1 Feb 2019 22:27

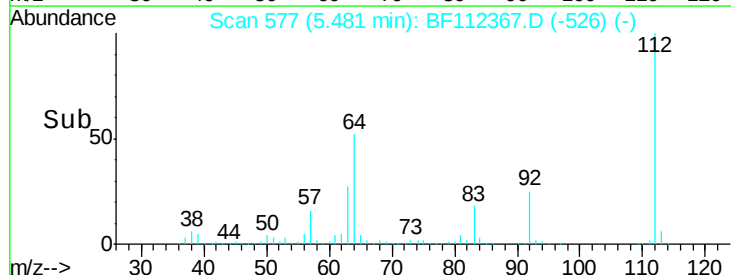
Tgt Ion:112 Resp: 639574
Ion Ratio Lower Upper
112 100
64 52.1 45.7 68.5
63 27.5 23.6 35.4



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



Time-->





#7

Phenol-d6

Concen: 76.758 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB116745BL

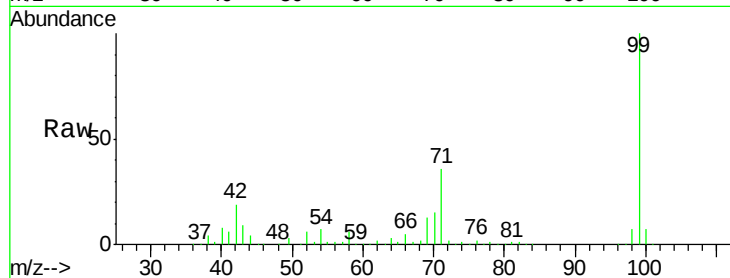
Tgt Ion: 99 Resp: 796953

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

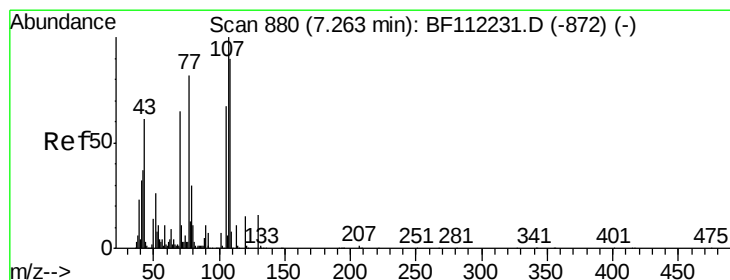
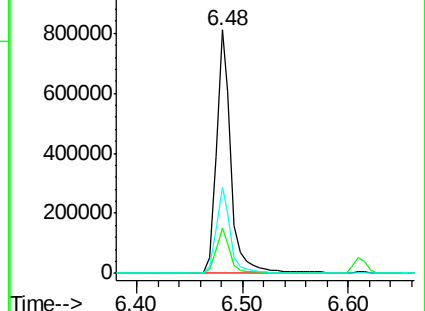
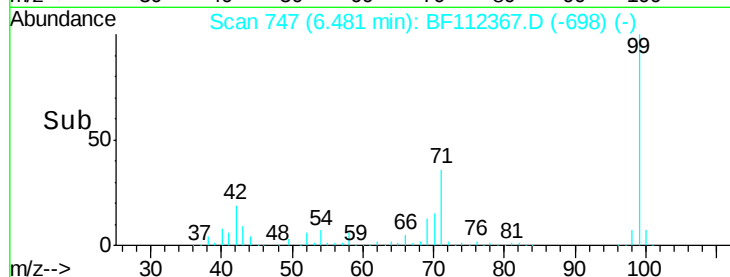
71 35.7 26.9 40.3



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: 13.971 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

Tgt Ion: 70 Resp: 100021

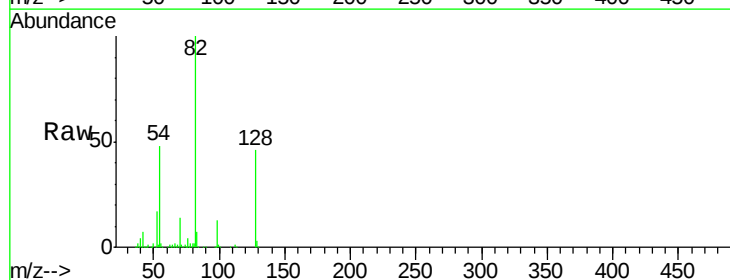
Ion Ratio Lower Upper

70 100

42 46.6 47.6 71.4#

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

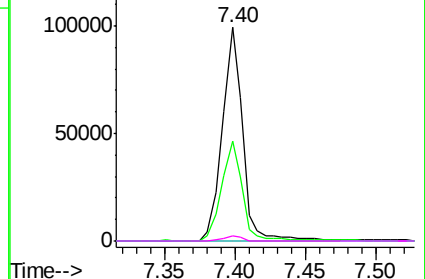
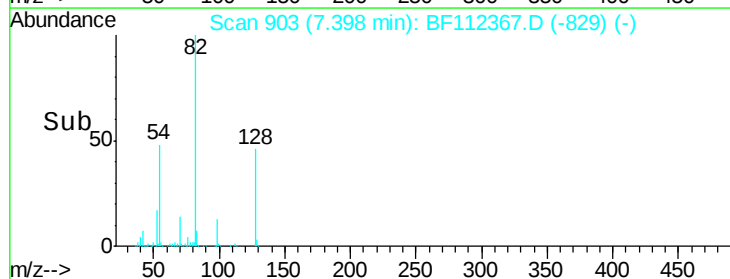


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF112367.D

Acq: 1 Feb 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB116745BL

Tgt Ion: 136 Resp: 606560

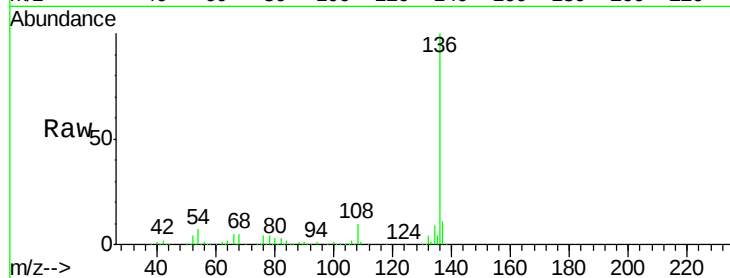
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 5.2 5.1 7.7

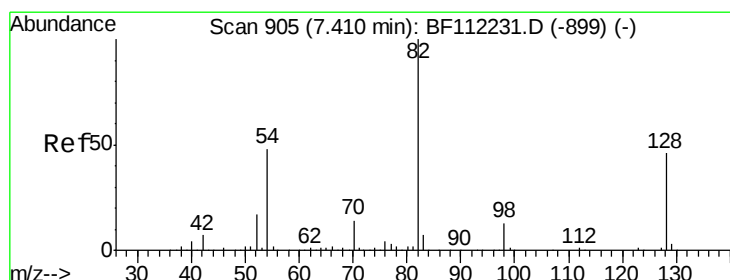
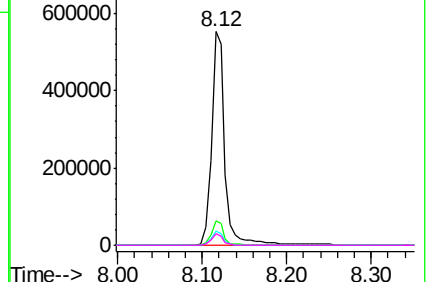
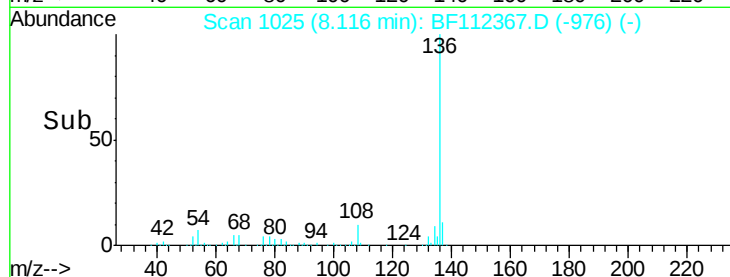


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.336 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

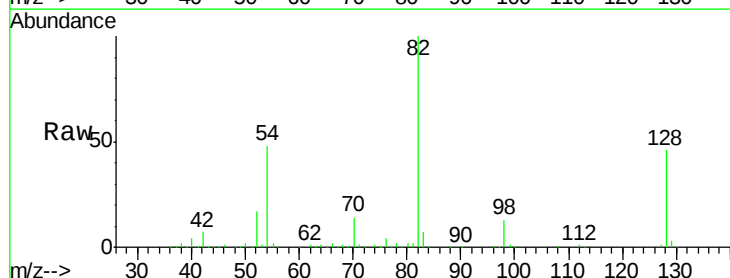
Tgt Ion: 82 Resp: 750945

Ion Ratio Lower Upper

82 100

128 46.0 37.8 56.8

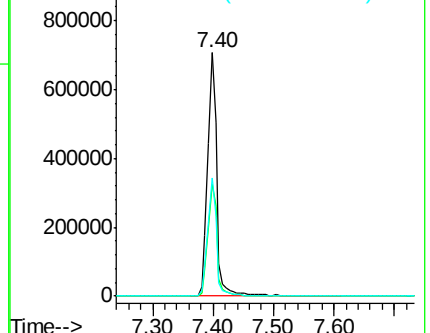
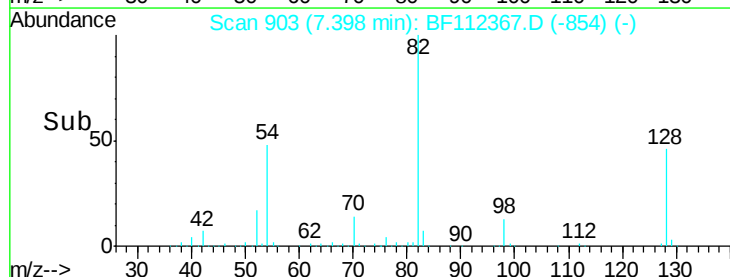
54 48.3 39.7 59.5



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: 45.472 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB116745BL

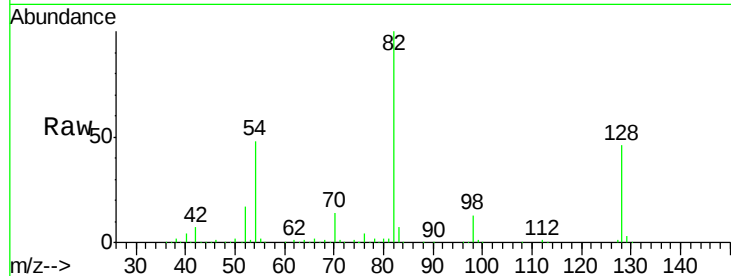
Tgt Ion: 82 Resp: 750941

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#

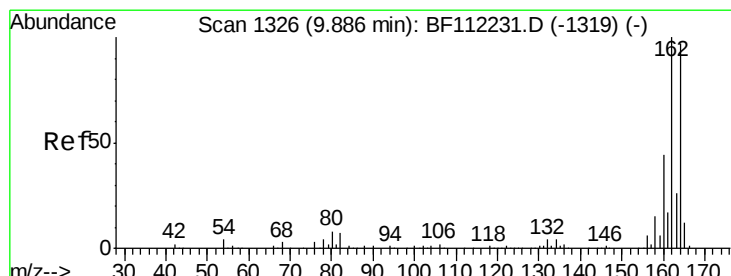
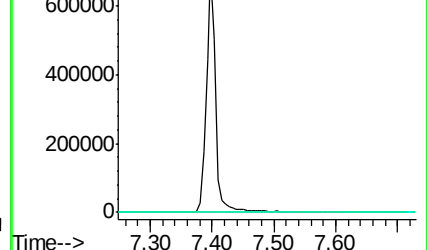
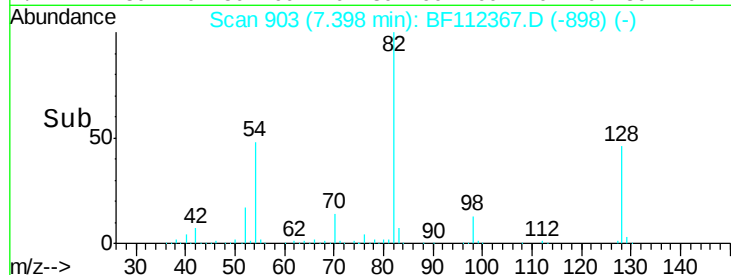


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

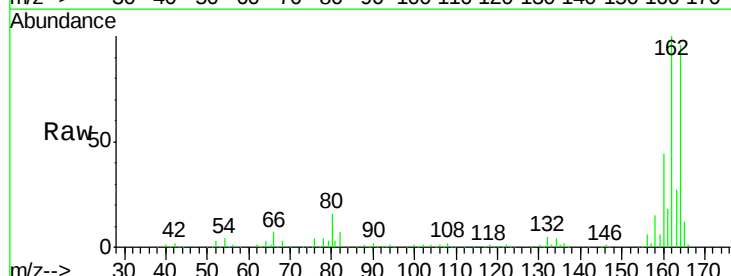
Tgt Ion: 164 Resp: 290855

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.4

160 45.6 36.2 54.4

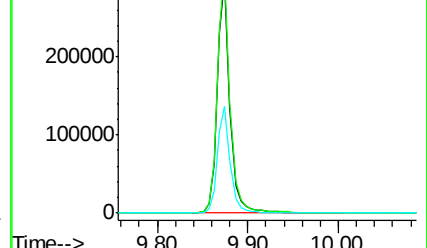
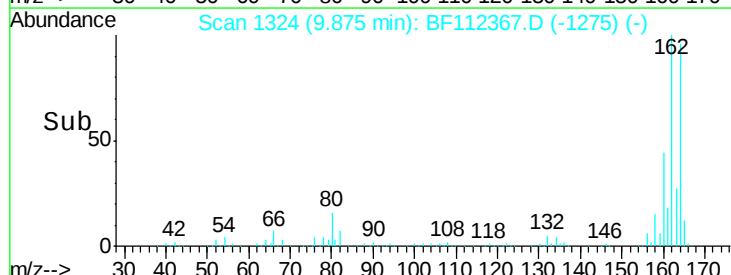


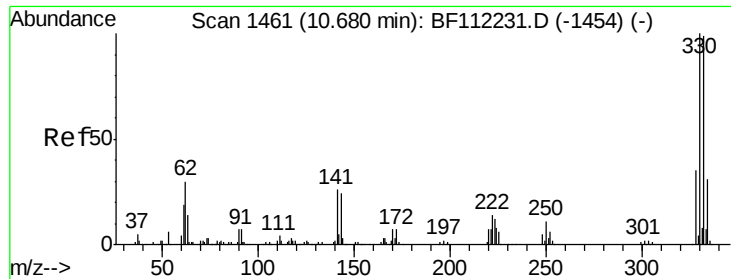
Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->





#42

2,4,6-Tribromophenol

Concen: 68.390 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

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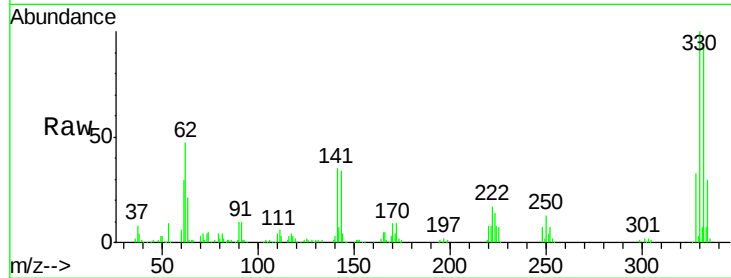
Tgt Ion:330 Resp: 231534

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

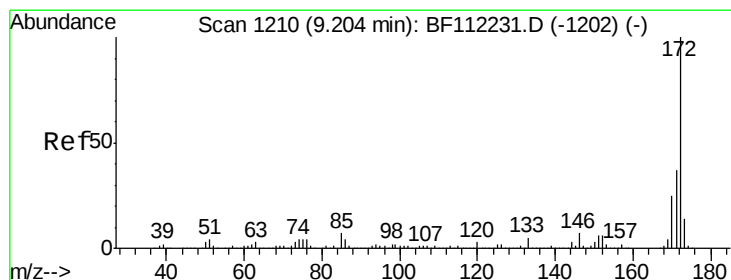
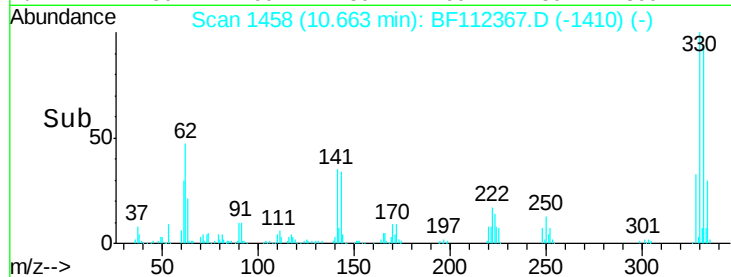
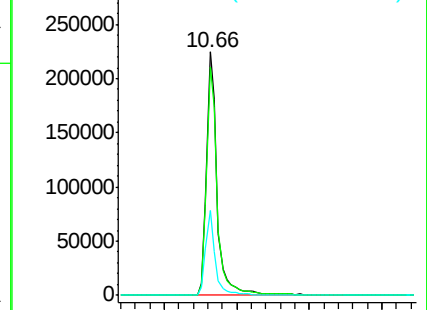
141 31.9 24.3 36.5



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: 76.664 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

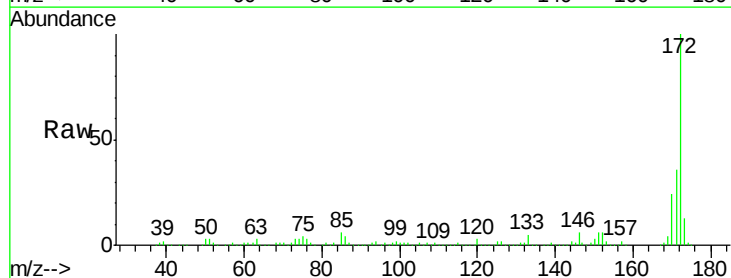
Tgt Ion:172 Resp: 1576569

Ion Ratio Lower Upper

172 100

171 35.8 30.5 45.7

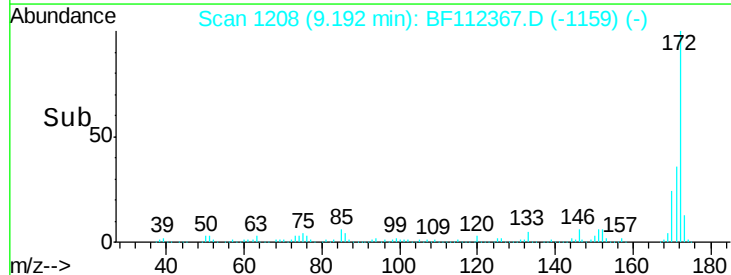
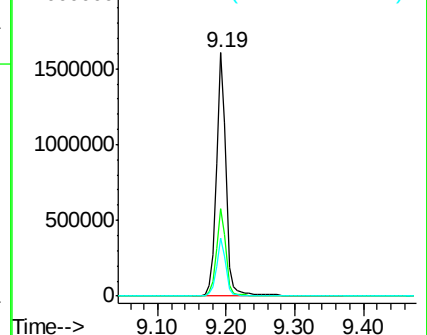
170 23.9 20.2 30.4

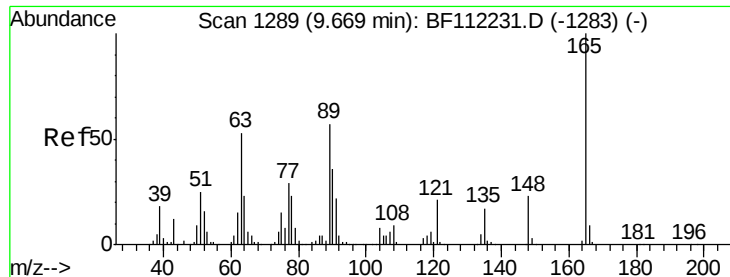


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.215 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

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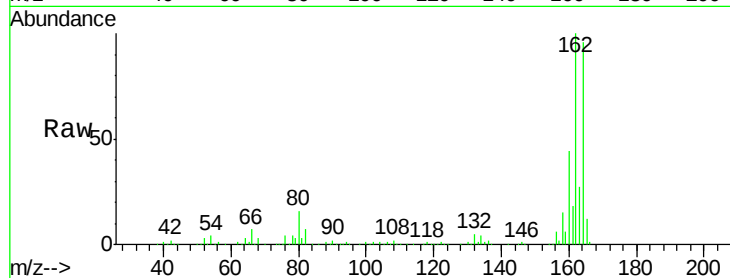
Tgt Ion:165 Resp: 36516

Ion Ratio Lower Upper

165 100

63 1.3 33.8 50.8#

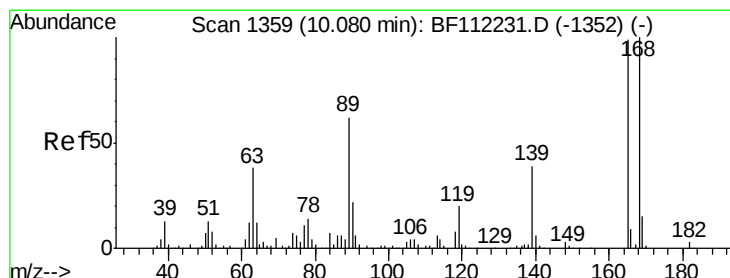
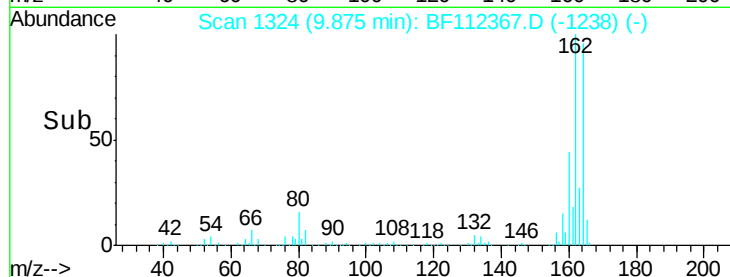
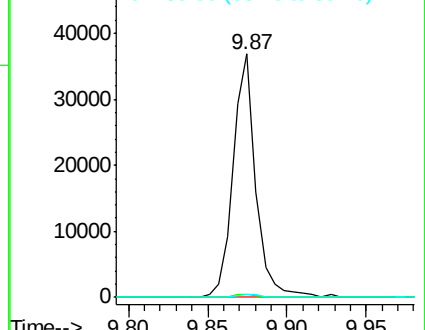
89 1.5 36.9 55.3#



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: 5.667 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

Tgt Ion:165 Resp: 36510

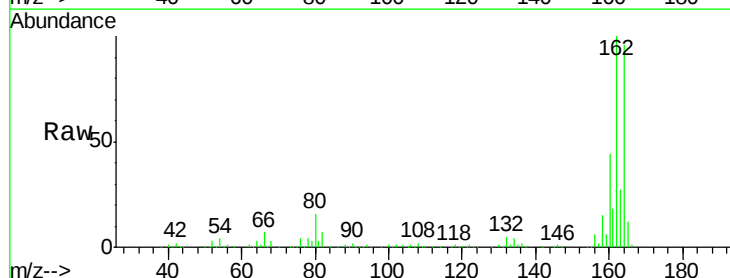
Ion Ratio Lower Upper

165 100

63 1.3 27.9 41.9#

89 1.5 47.9 71.9#

182 0.0 2.2 3.4#

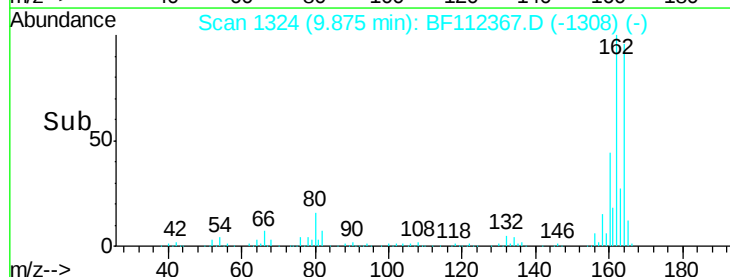
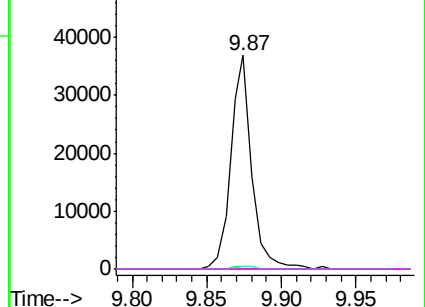


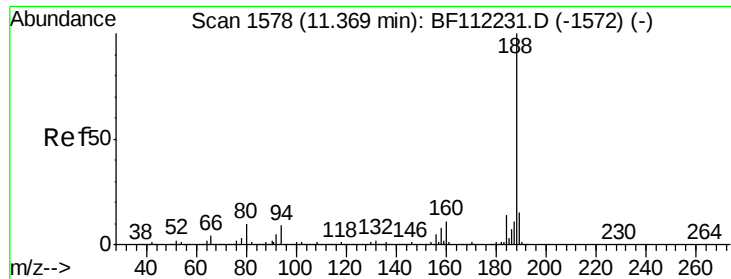
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

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PB116745BL

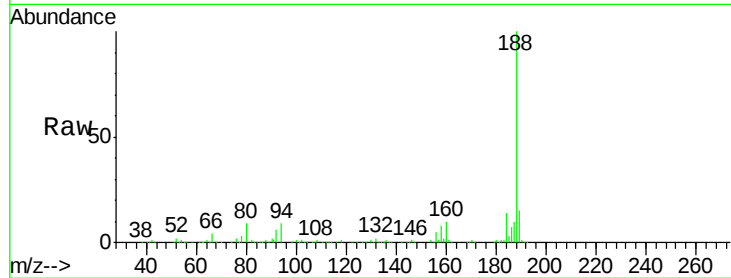
Tgt Ion:188 Resp: 506758

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

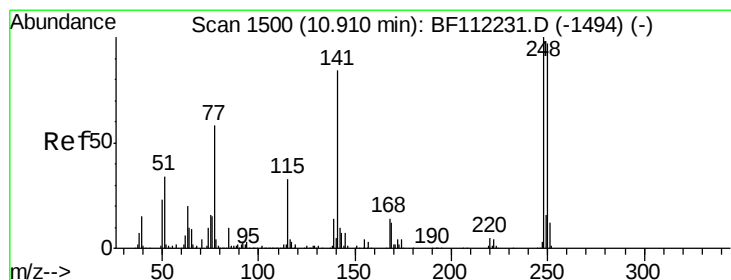
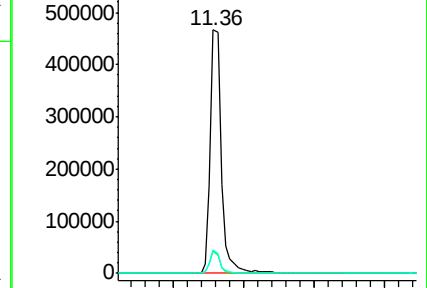
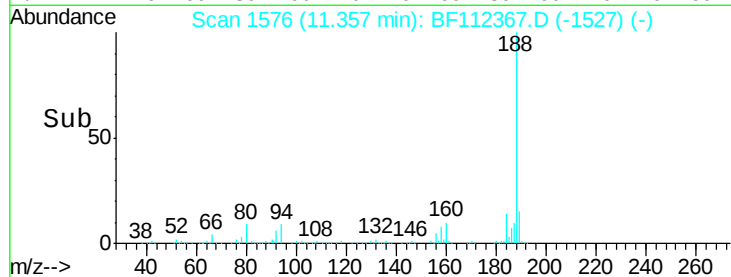
80 9.4 8.9 13.3



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: 2.250 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

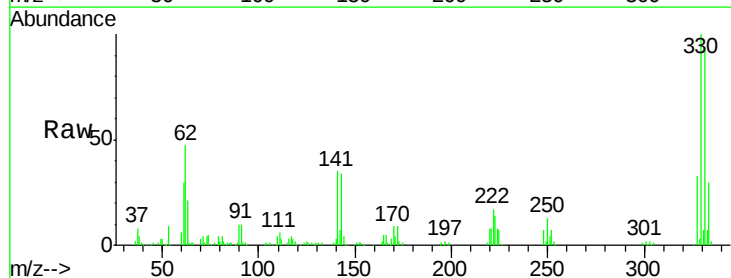
Tgt Ion:248 Resp: 13413

Ion Ratio Lower Upper

248 100

250 199.8 79.7 119.5#

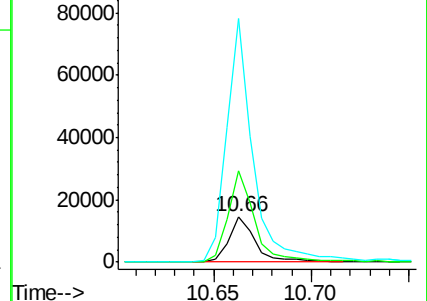
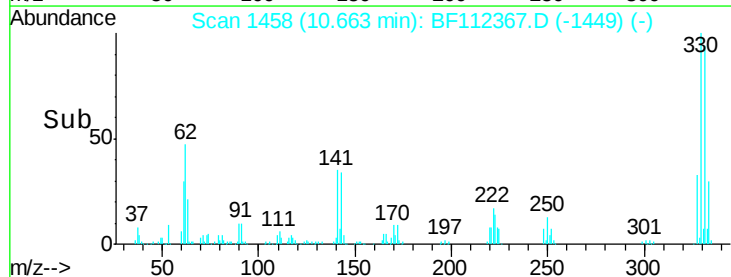
141 535.0 60.3 90.5#

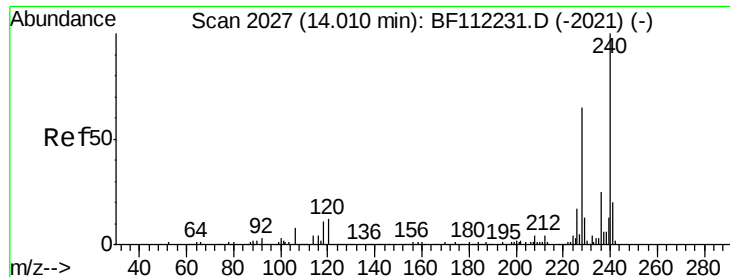


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

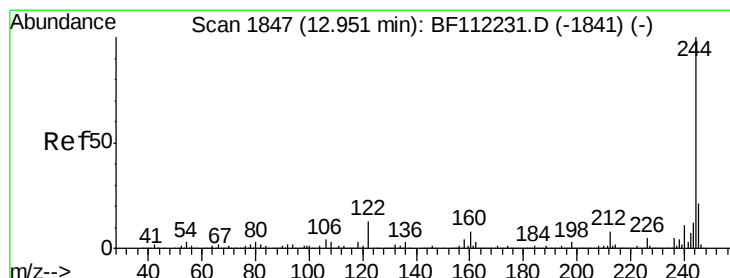
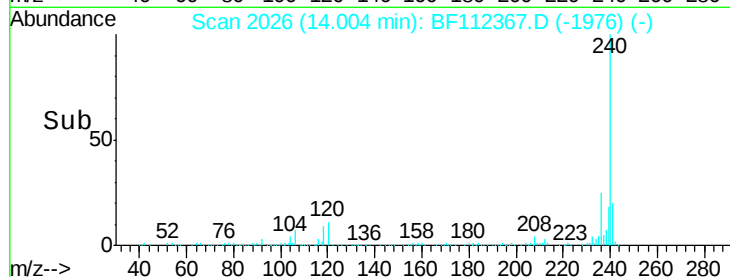
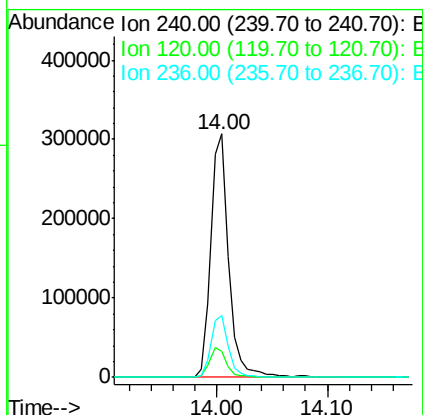
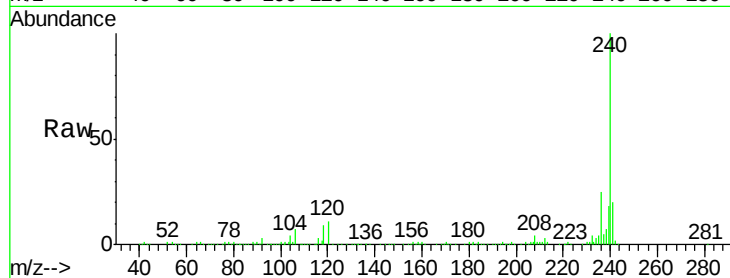




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112367.D
Acq: 1 Feb 2019 22:27

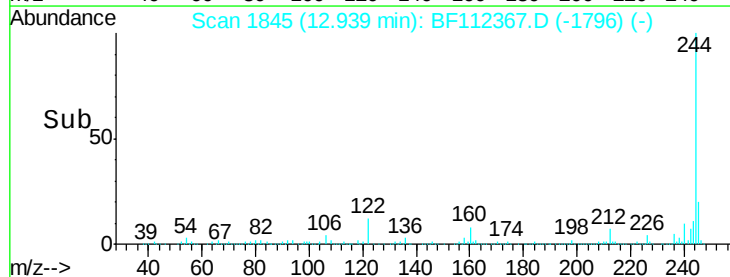
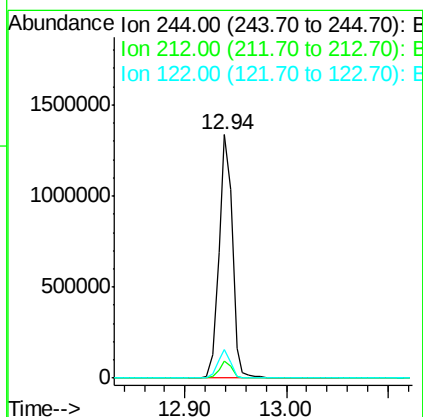
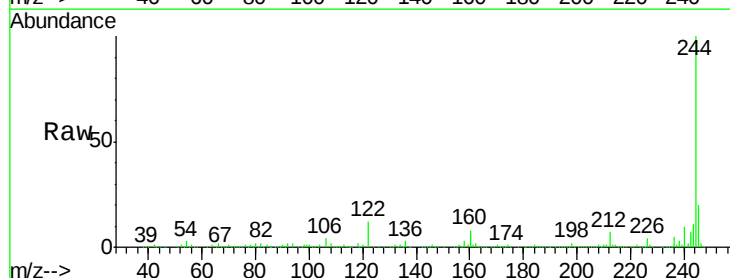
Instrument :
BNA_F
ClientSampleId :
PB116745BL

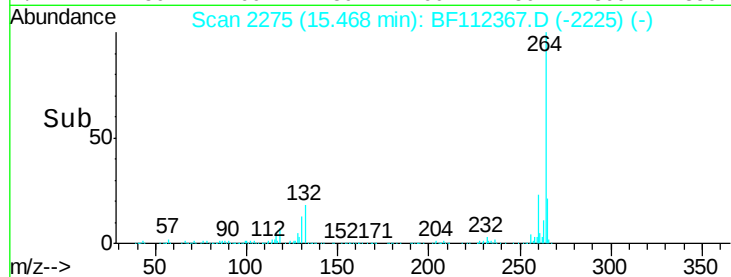
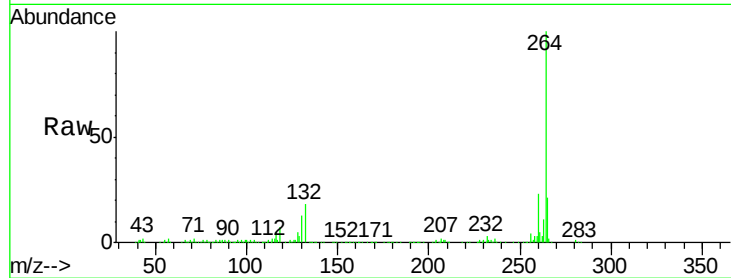
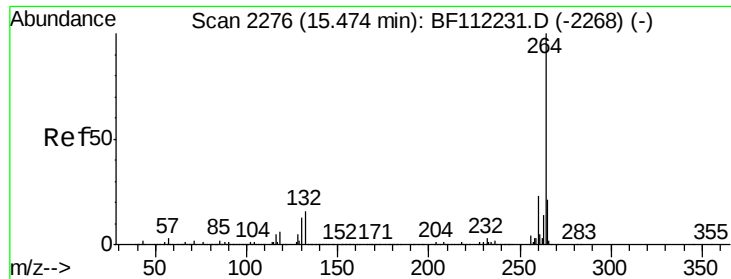
Tgt Ion:240 Resp: 338474
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 67.987 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112367.D
Acq: 1 Feb 2019 22:27

Tgt Ion:244 Resp: 1221789
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.8 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112367.D
Acq: 1 Feb 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB116745BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.3	17.0	25.4

