

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112682.D
 Acq On : 22 Feb 2019 23:22
 Operator : JU/SJ
 Sample : K1567-01RE 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1RE

Quant Time: Feb 23 01:32:38 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

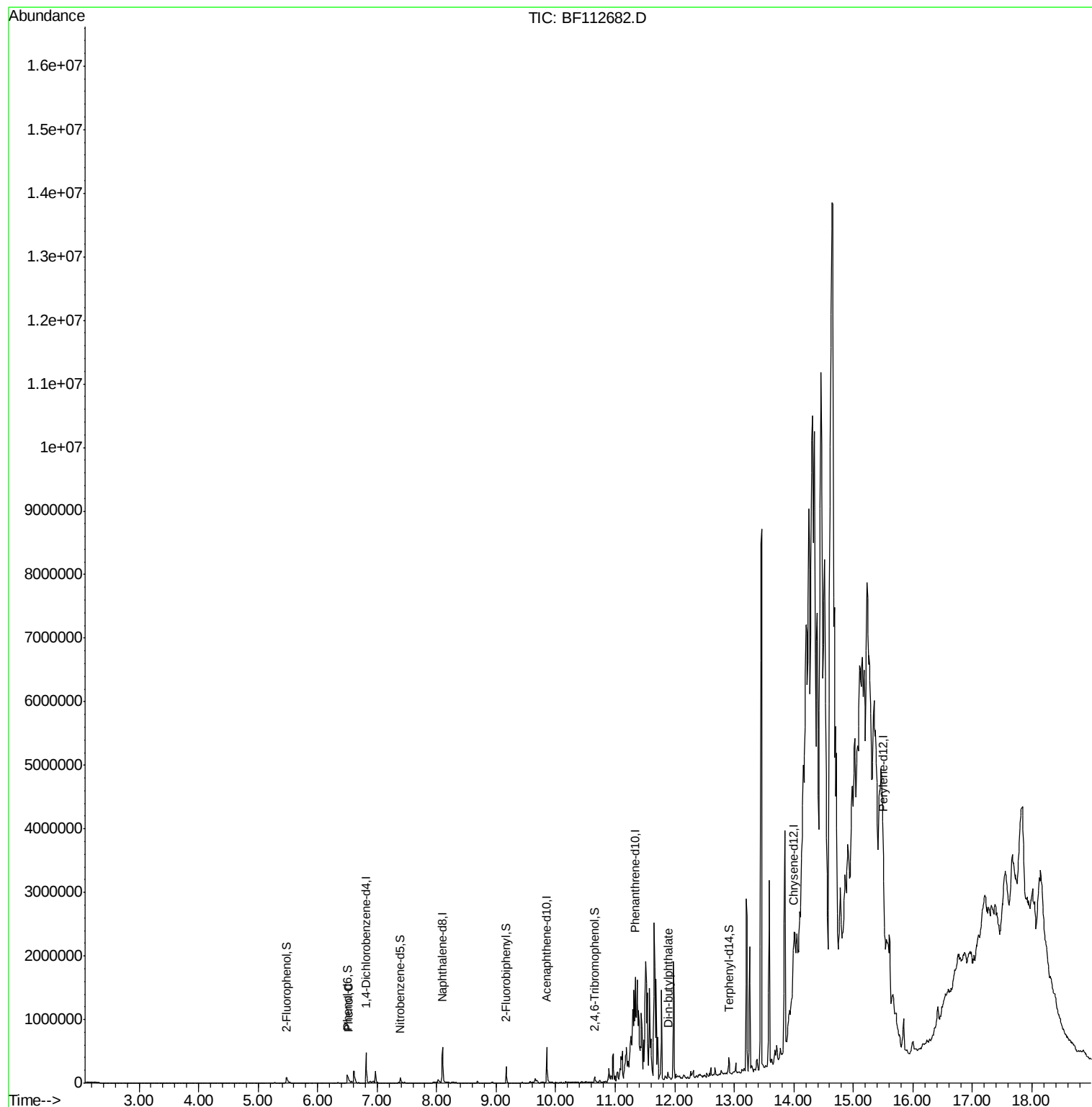
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74469	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	286781	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	114258	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	171912	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	163080	20.00	ng	-0.02
87) Perylene-d12	15.51	264	145473	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	55248	15.76	ng	0.00
7) Phenol-d6	6.50	99	76896	15.78	ng	0.00
23) Nitrobenzene-d5	7.39	82	44829	9.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	14786	11.12	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	90150	11.16	ng	-0.04
79) Terphenyl-d14	12.91	244	71582	8.27	ng	-0.04
Target Compounds						
10) Phenol	6.52	94	27389	5.124	ng	79
74) Di-n-butylphthalate	11.89	149	53610	4.918	ng	100

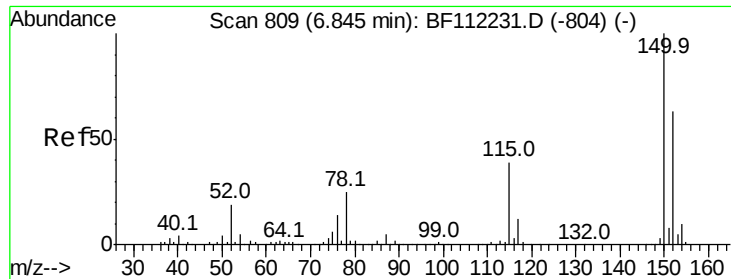
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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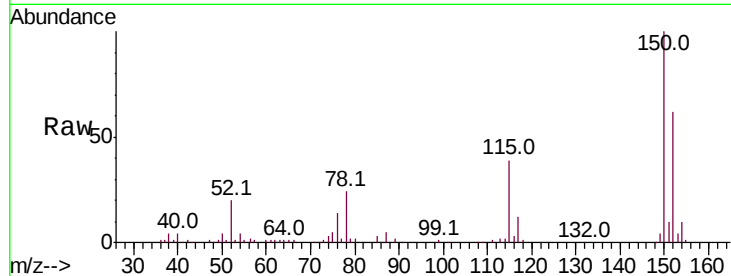


#1

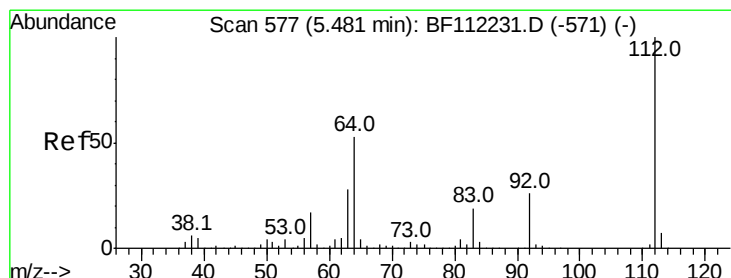
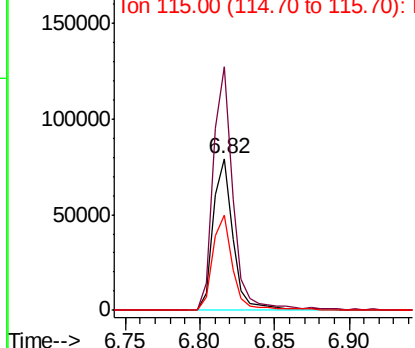
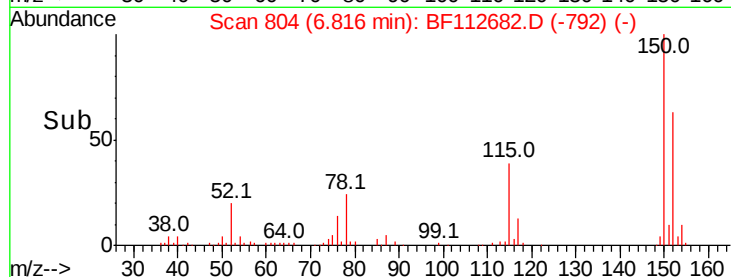
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

Tot Ion:152 Resp: 74469
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.0
115 62.9 45.5 68.3



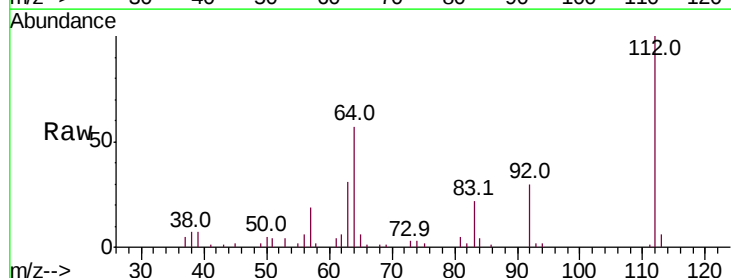
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



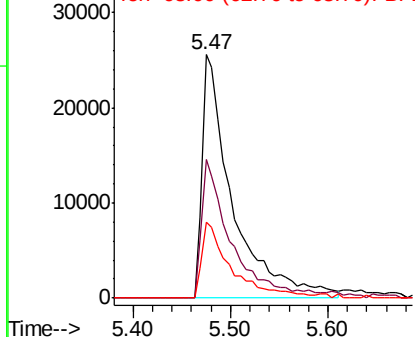
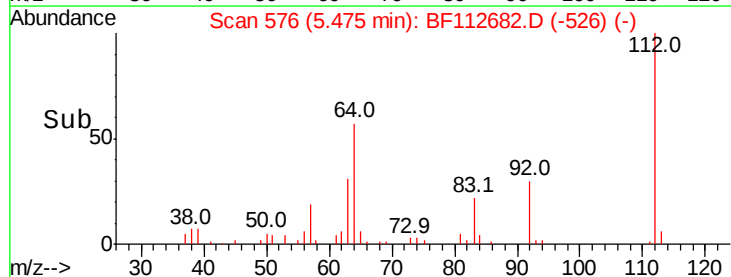
#5

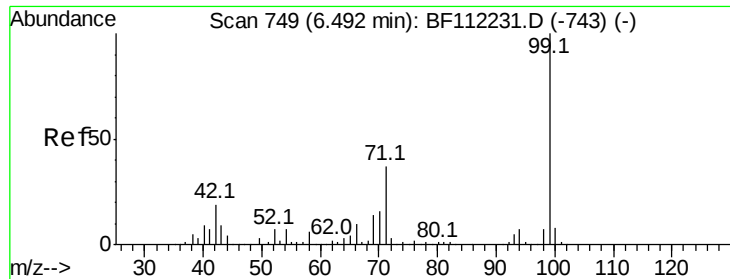
2-Fluorophenol
Concen: 15.758 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Tgt Ion:112 Resp: 55248
Ion Ratio Lower Upper
112 100
64 56.9 45.7 68.5
63 31.2 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: 15.784 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

BNA_F

ClientSampleId :

COMP-1RE

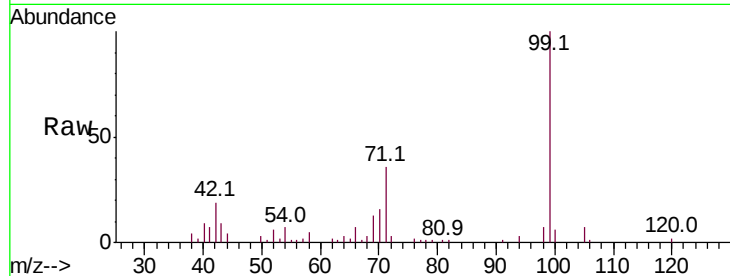
Tot Ion: 99 Resp: 76896

Ion Ratio Lower Upper

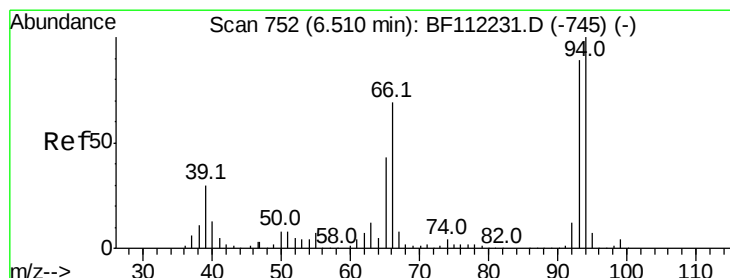
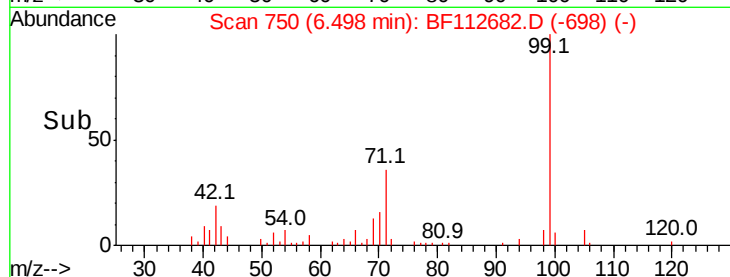
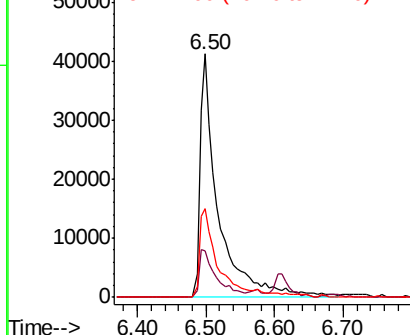
99 100

42 19.1 15.1 22.7

71 36.2 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



#10

Phenol

Concen: 5.124 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

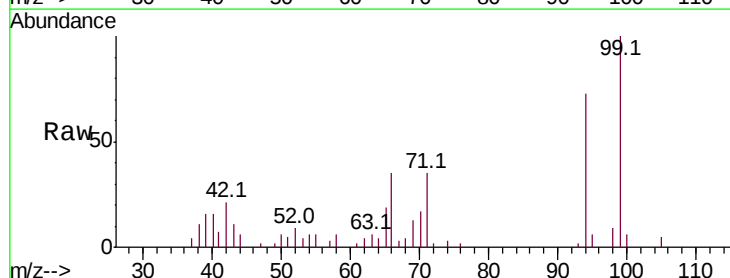
Tgt Ion: 94 Resp: 27389

Ion Ratio Lower Upper

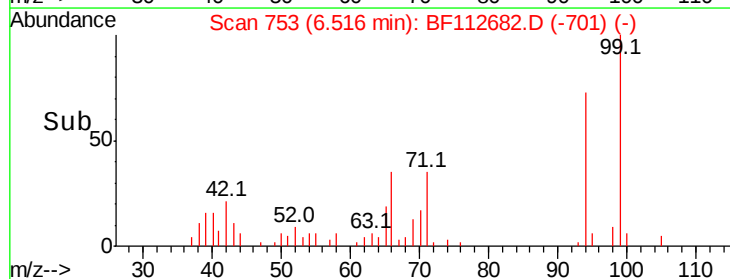
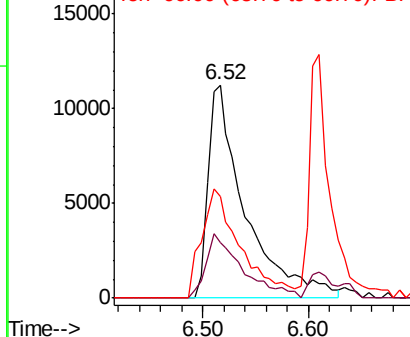
94 100

65 26.1 20.3 60.3

66 47.5 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

BNA_F

ClientSampleId :

COMP-1RE

Tot Ion:136 Resp: 286781

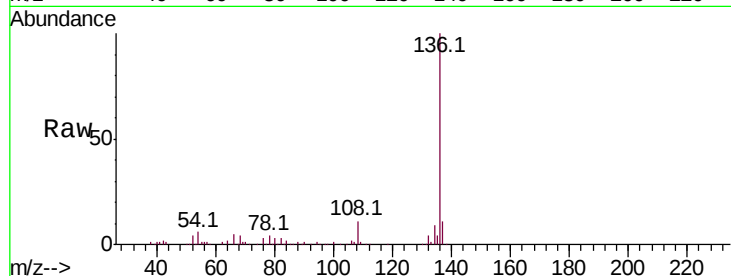
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.9 5.9 8.9#

68 4.5 5.1 7.7#

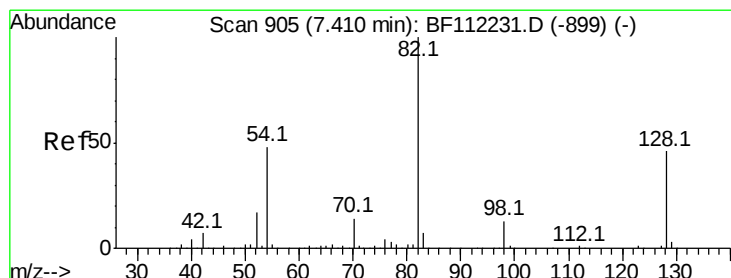
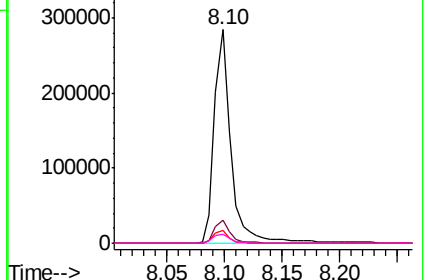
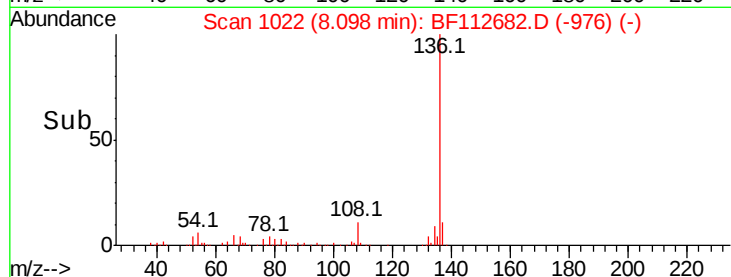


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.007 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

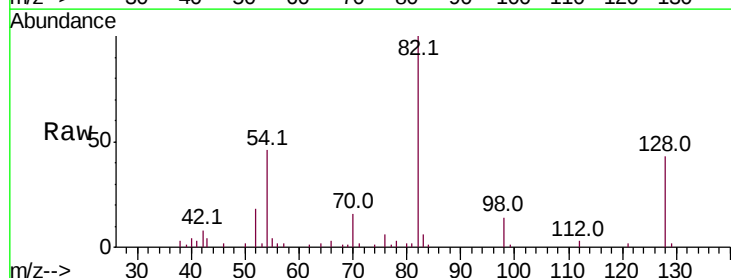
Tgt Ion: 82 Resp: 44829

Ion Ratio Lower Upper

82 100

128 42.9 37.8 56.8

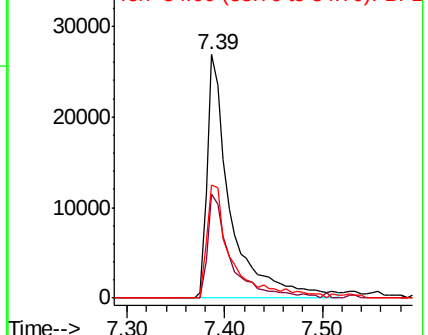
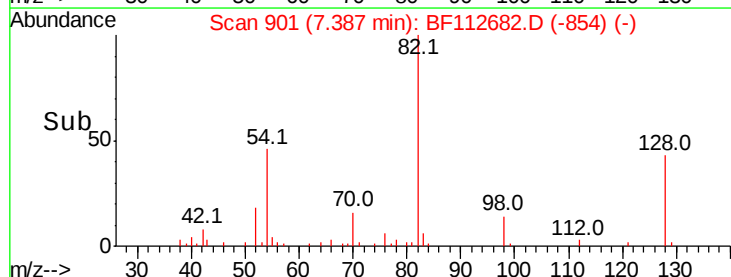
54 46.4 39.7 59.5

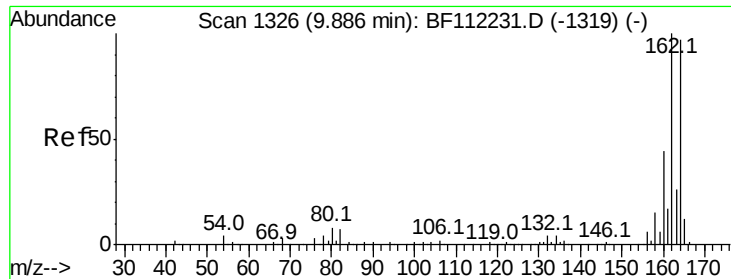


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

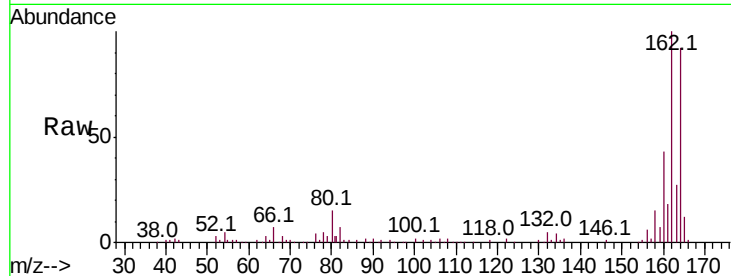




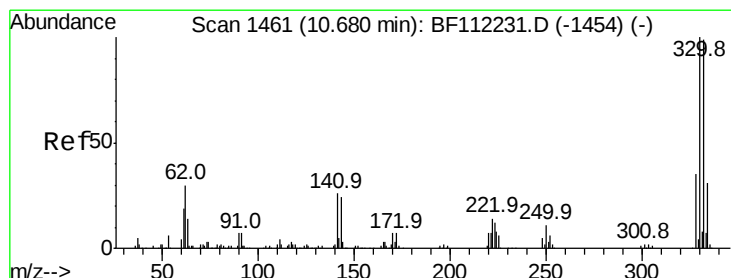
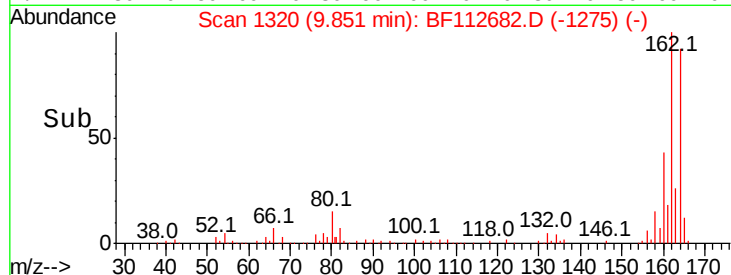
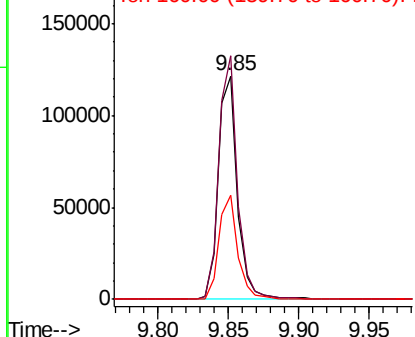
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

Tot Ion:164 Resp: 114258
Ion Ratio Lower Upper
164 100
162 109.1 82.2 123.4
160 46.6 36.2 54.4

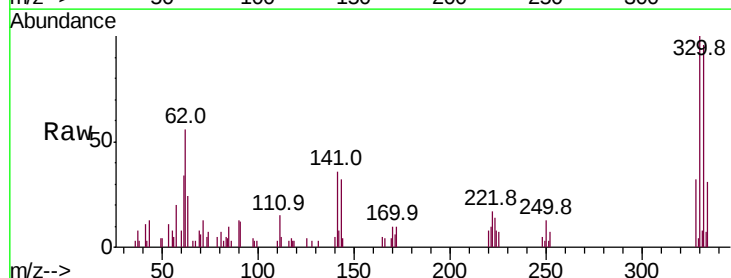


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

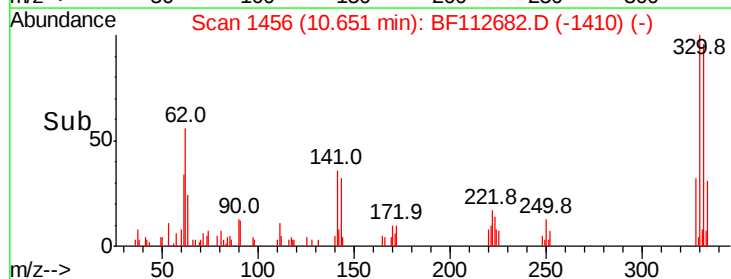
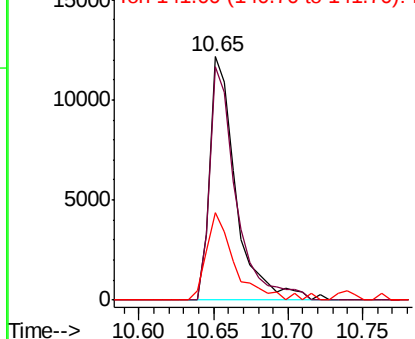


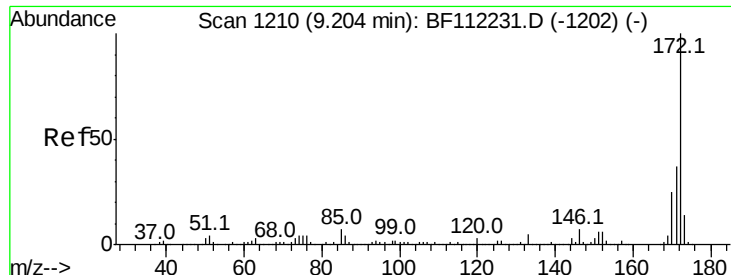
#42
2,4,6-Tribromophenol
Concen: 11.118 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.03 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Tgt Ion:330 Resp: 14786
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 37.3 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

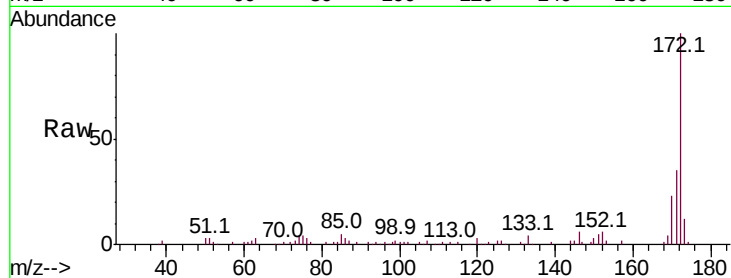




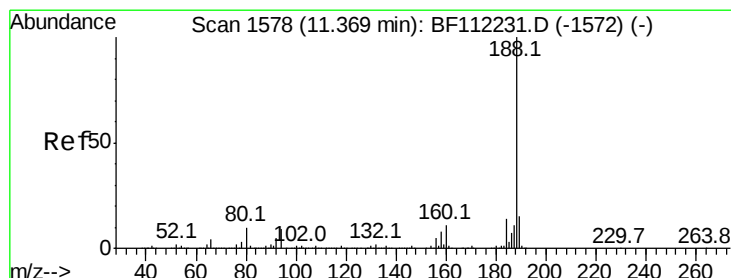
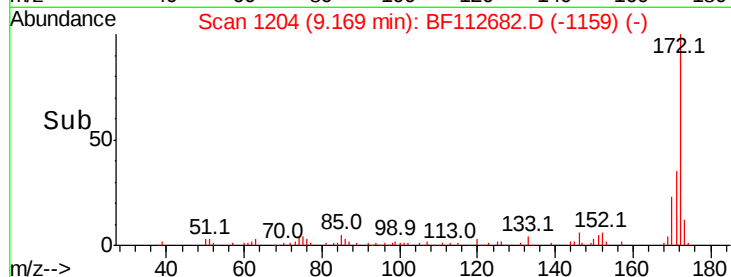
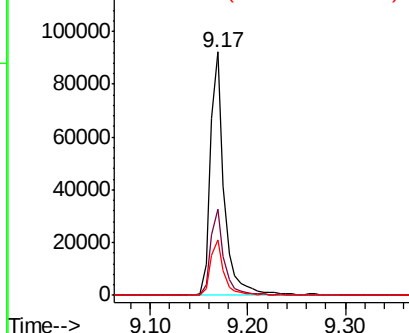
#45
 2-Fluorobiphenyl
 Concen: 11.159 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112682.D
 Acq: 22 Feb 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1RE

Tot Ion:172 Resp: 90150
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.5 45.7
 170 22.6 20.2 30.4

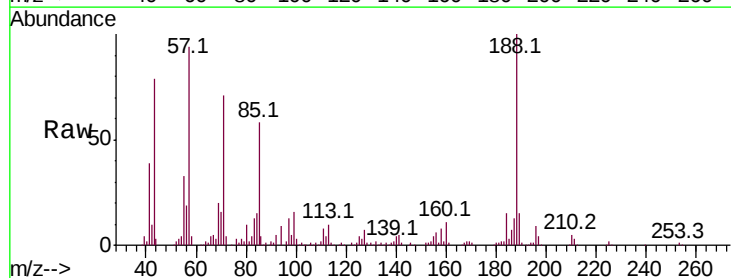


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

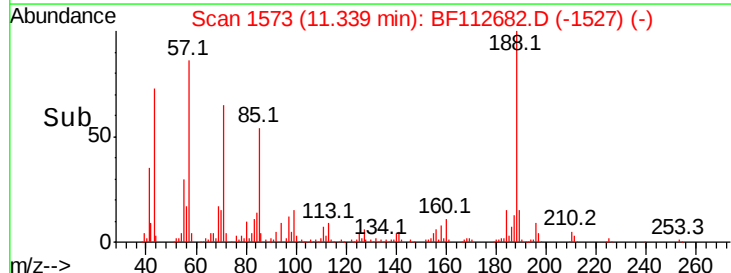
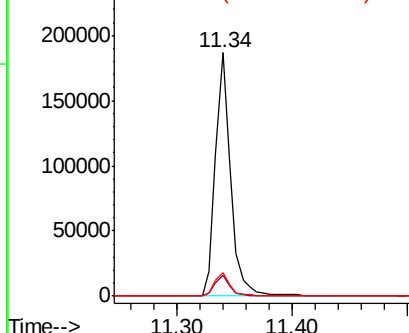


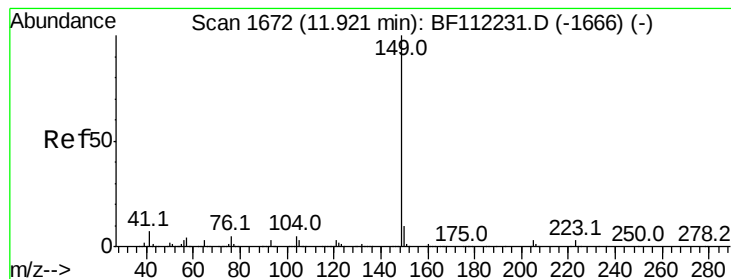
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112682.D
 Acq: 22 Feb 2019 23:22

Tgt Ion:188 Resp: 171912
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.2 12.2
 80 9.6 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





#74

Di-n-butylphthalate

Concen: 4.918 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.04 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

BNA_F

ClientSampleId :

COMP-IRE

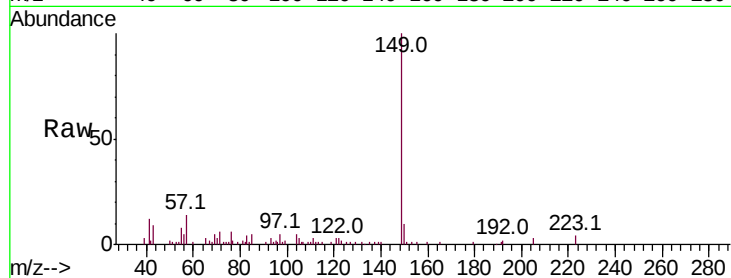
Tot Ion:149 Resp: 53610

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

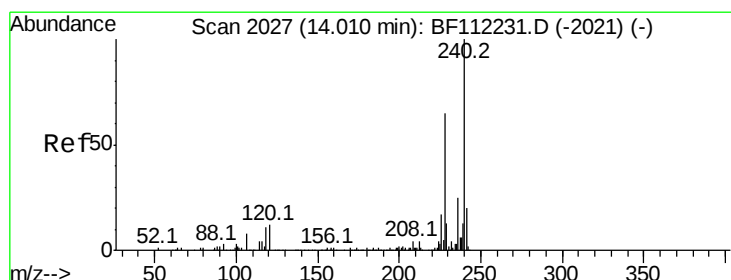
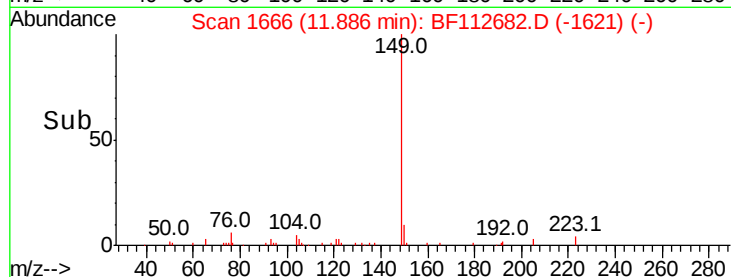
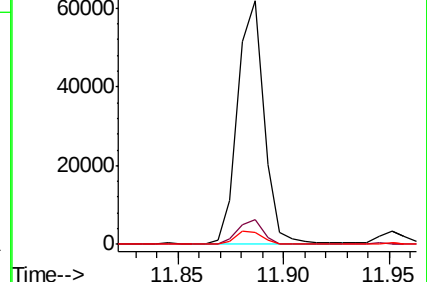
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

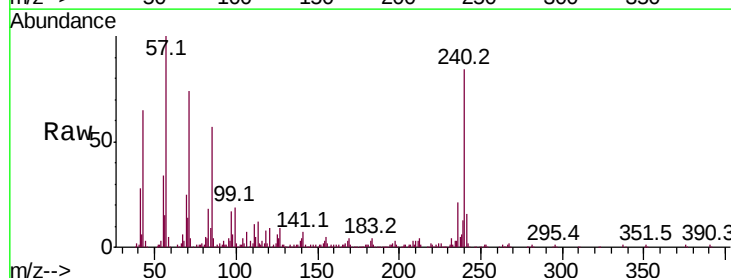
Tgt Ion:240 Resp: 163080

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

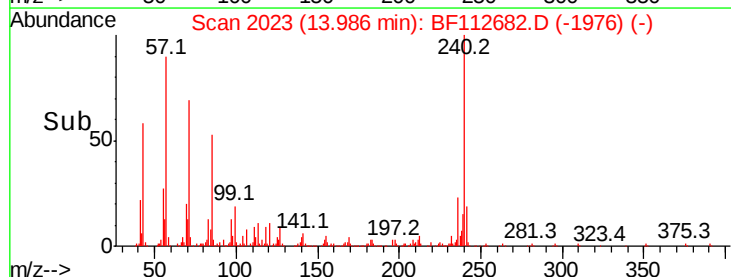
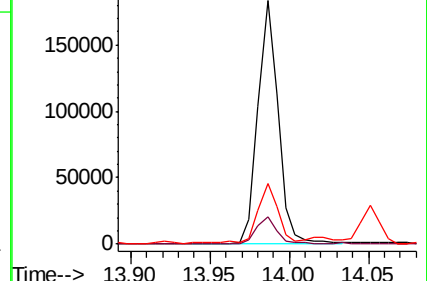
236 25.0 20.7 31.1

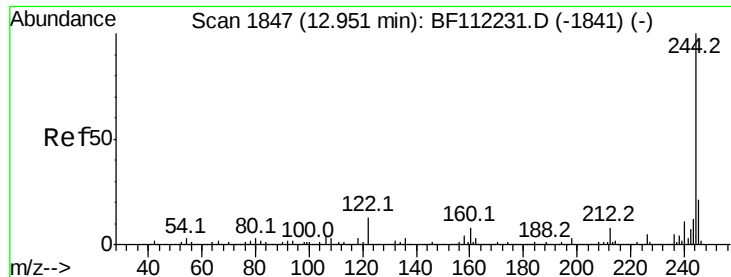


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.267 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

BNA_F

ClientSampleId :

COMP-IRE

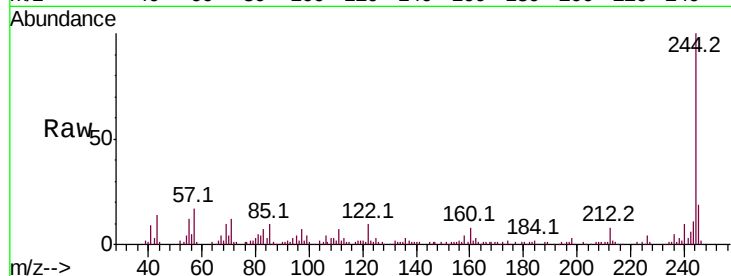
Tot Ion:244 Resp: 71582

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

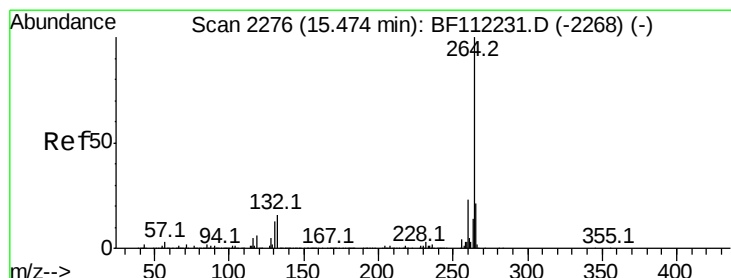
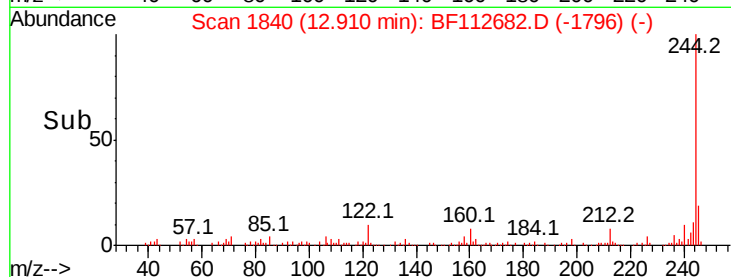
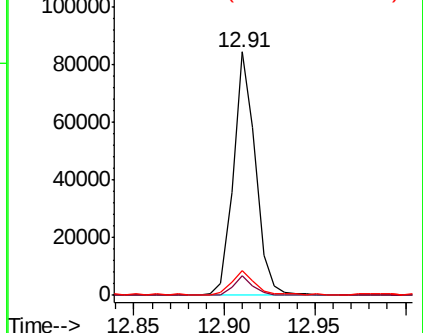
122 10.1 9.8 14.6



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: 15.51 min Scan# 2282

Delta R.T. 0.04 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

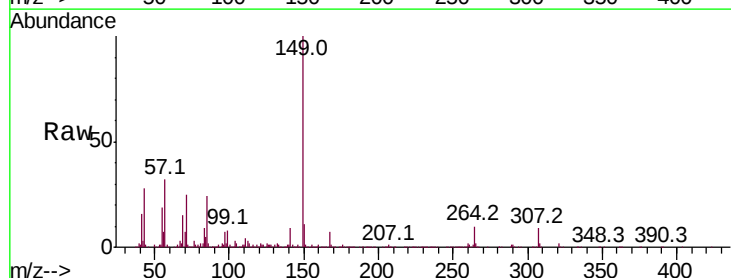
Tgt Ion:264 Resp: 145473

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 21.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

