

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112442.D
 Acq On : 7 Feb 2019 17:06
 Operator : JU/SJ
 Sample : K1401-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Quant Time: Feb 09 03:36:08 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

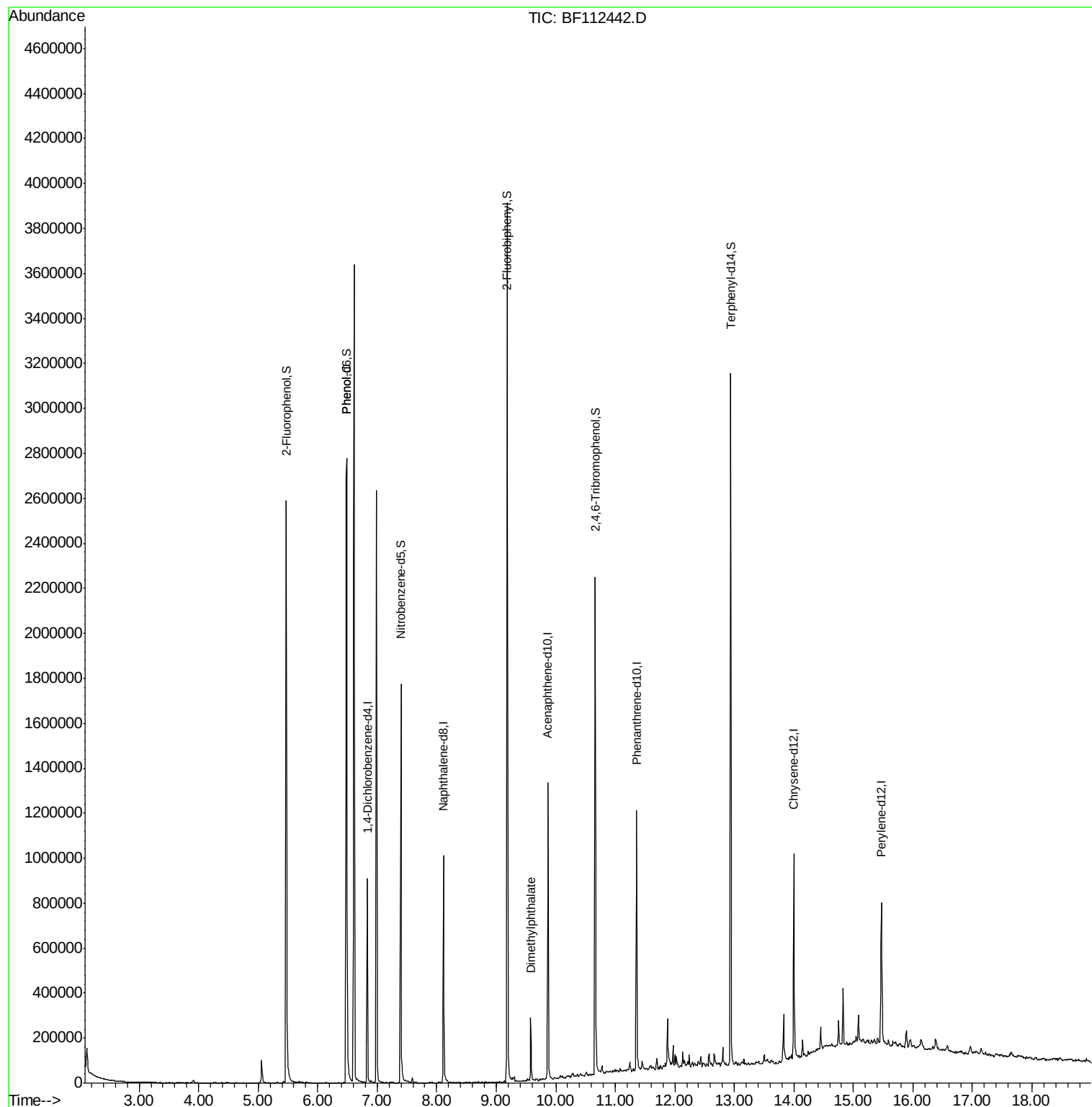
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	140384	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	542681	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	249724	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	417962	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	316297	20.00	ng	-0.01
87) Perylene-d12	15.47	264	304167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	840865	127.23	ng	0.00
7) Phenol-d6	6.49	99	1060856	115.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	648015	68.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	284863	98.00	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1261535	71.45	ng	-0.02
79) Terphenyl-d14	12.94	244	973889	57.99	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	69704	6.918	ng	87
50) Dimethylphthalate	9.58	163	120576	6.215	ng	99

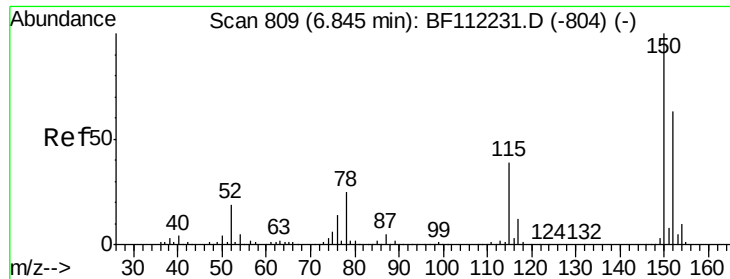
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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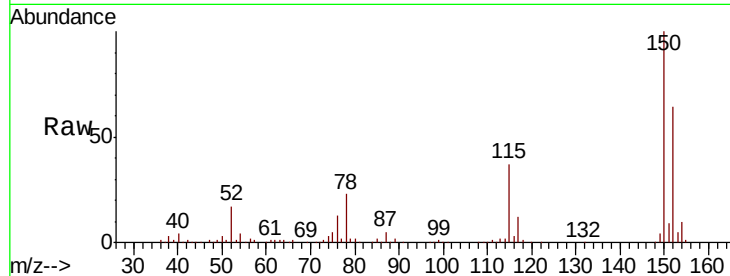


#1

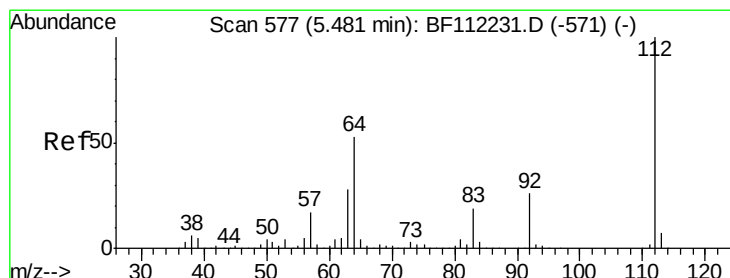
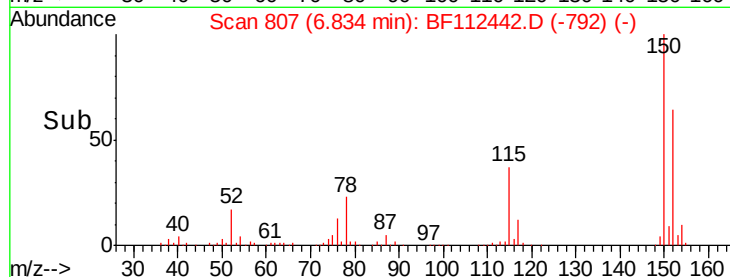
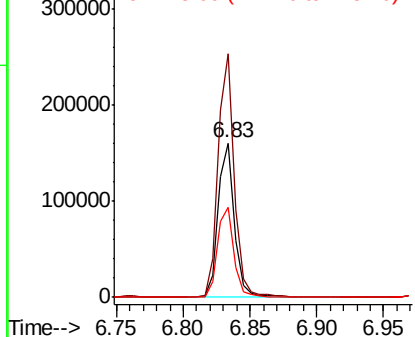
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112442.D
 Acq: 7 Feb 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.4	191.0
115	58.3	45.5	68.3



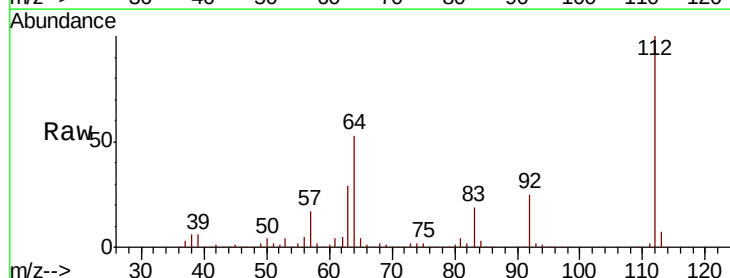
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



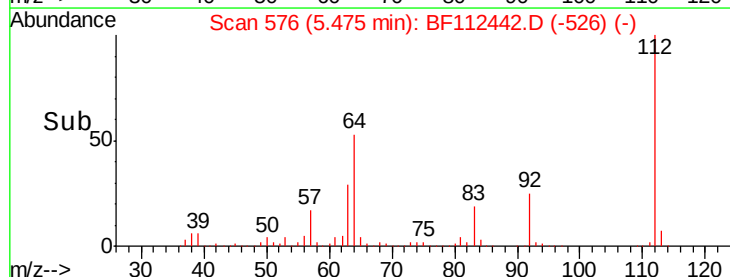
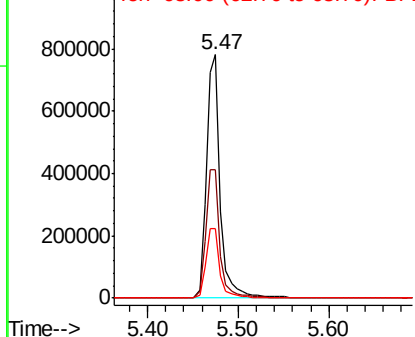
#5

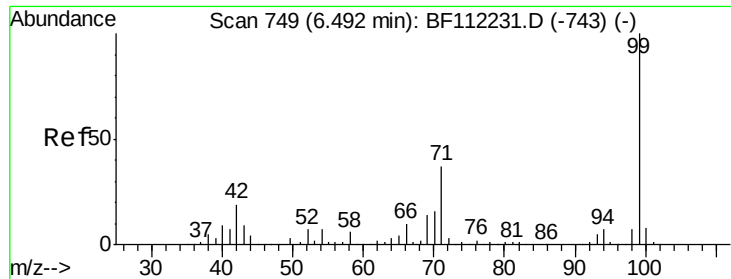
2-Fluorophenol
 Concen: 127.226 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112442.D
 Acq: 7 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	45.7	68.5
63	28.7	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: 115.513 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112442.D

Acq: 7 Feb 2019 17:06

Instrument :

BNA_F

ClientSampleID :

RT-3425

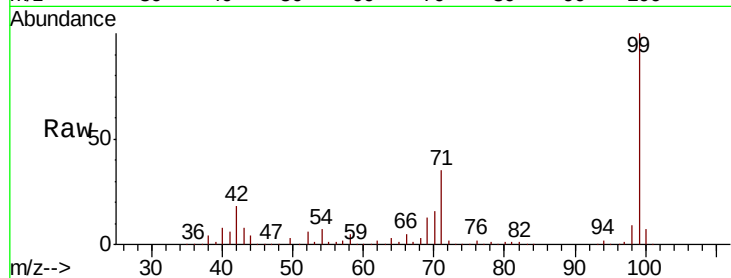
Tot Ion: 99 Resp: 1060856

Ion Ratio Lower Upper

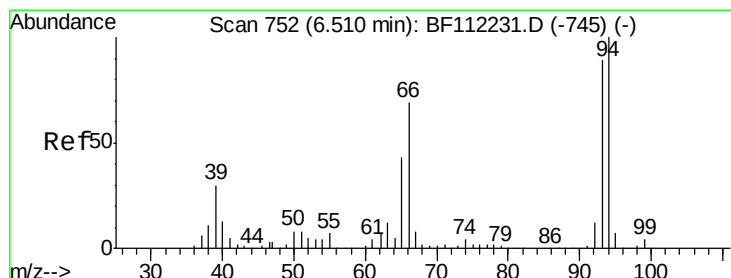
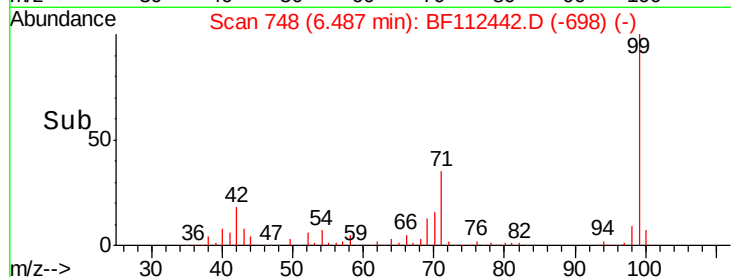
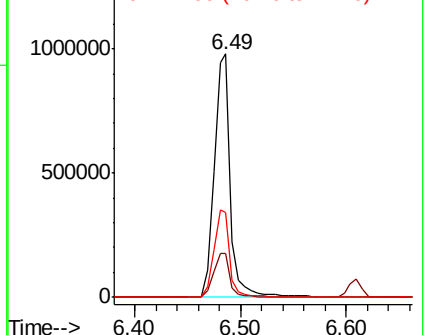
99 100

42 18.2 15.1 22.7

71 35.1 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: 6.918 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112442.D

Acq: 7 Feb 2019 17:06

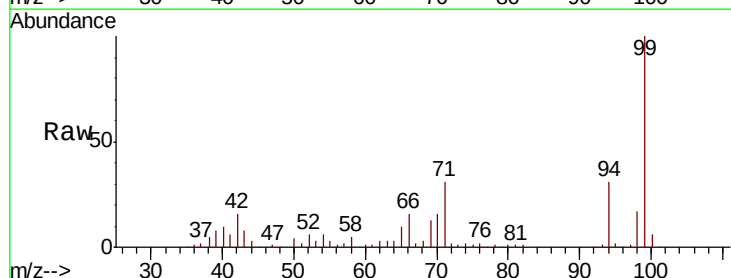
Tgt Ion: 94 Resp: 69704

Ion Ratio Lower Upper

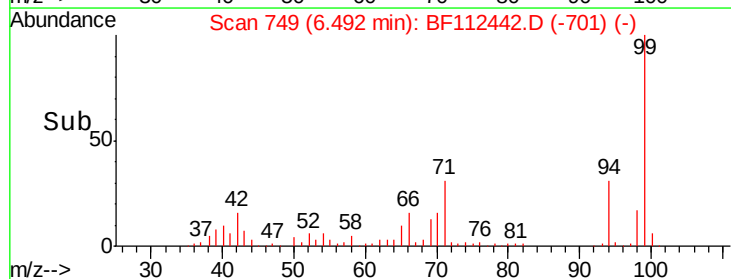
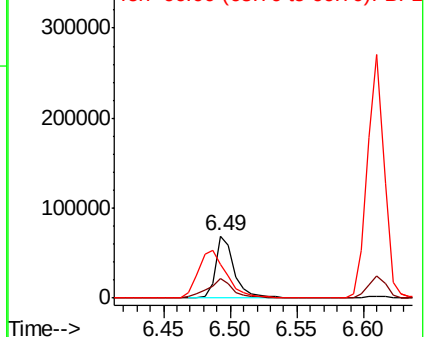
94 100

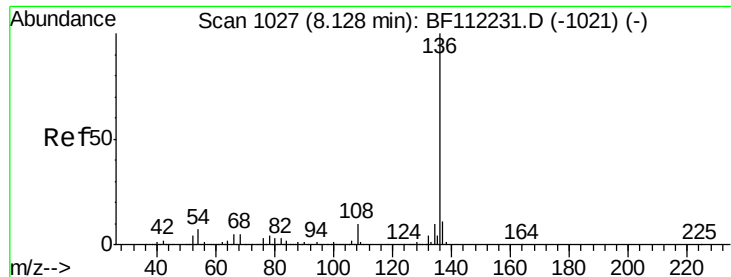
65 31.2 20.3 60.3

66 53.4 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

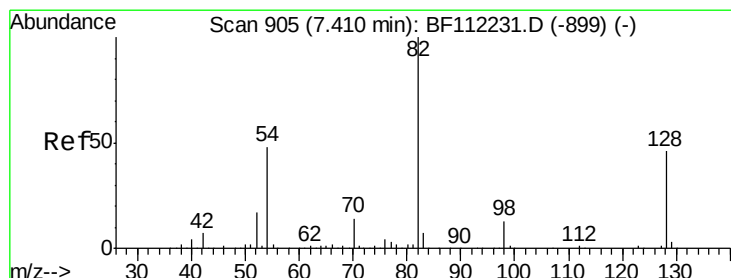
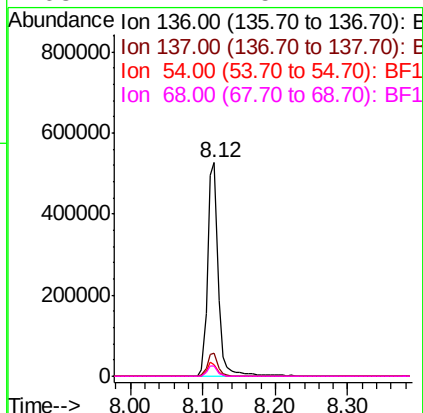
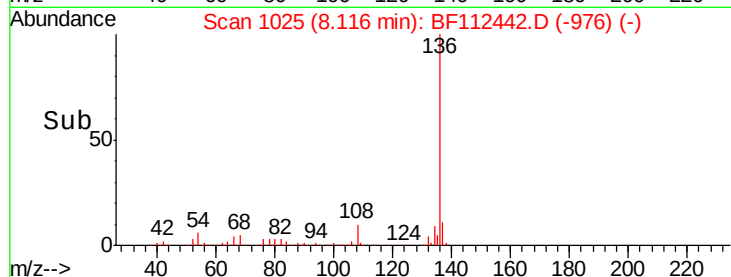
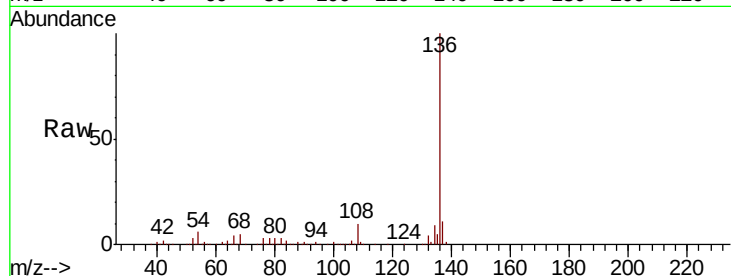




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112442.D
Acq: 7 Feb 2019 17:06

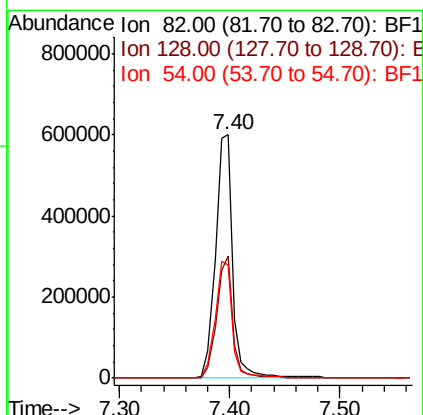
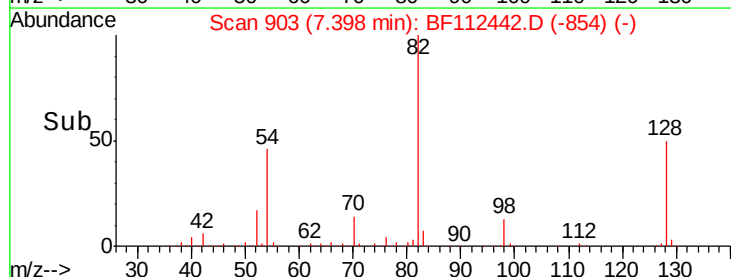
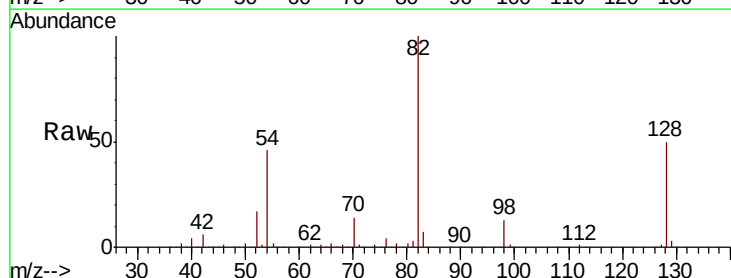
Instrument :
BNA_F
ClientSampleId :
RT-3425

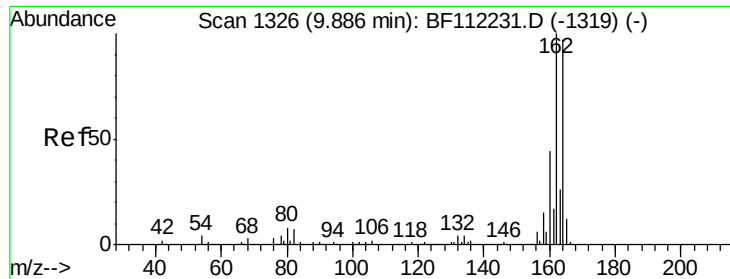
Tot Ion:136	Resp:	542681
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	5.6	5.9 8.9#
68	4.7	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 68.804 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112442.D
Acq: 7 Feb 2019 17:06

Tgt Ion: 82	Resp:	648015
Ion	Ratio	Lower Upper
82	100	
128	50.2	37.8 56.8
54	46.3	39.7 59.5

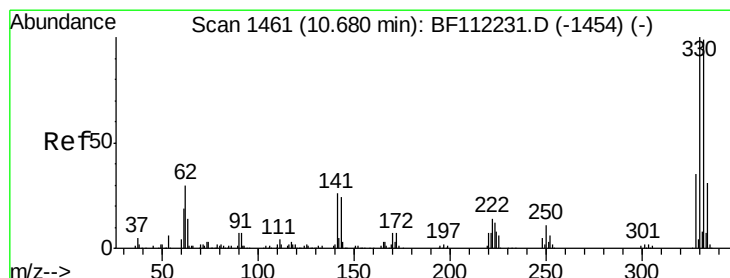
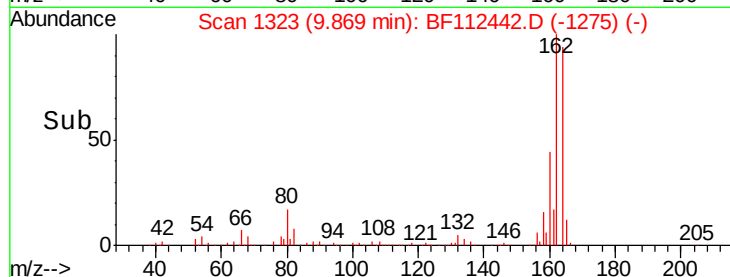
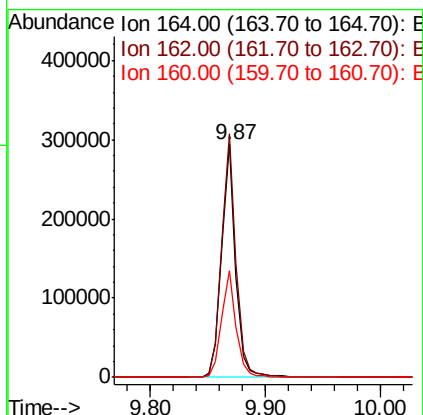
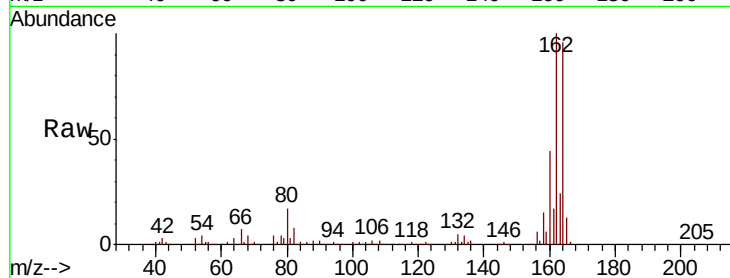




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112442.D
 Acq: 7 Feb 2019 17:06

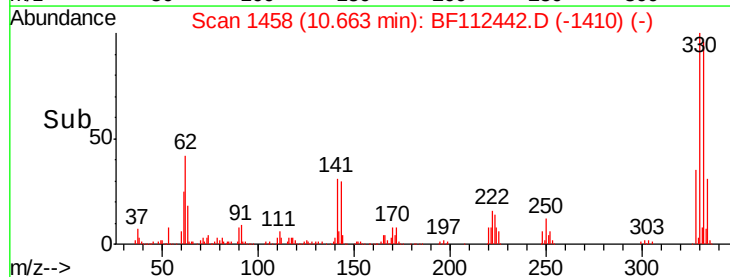
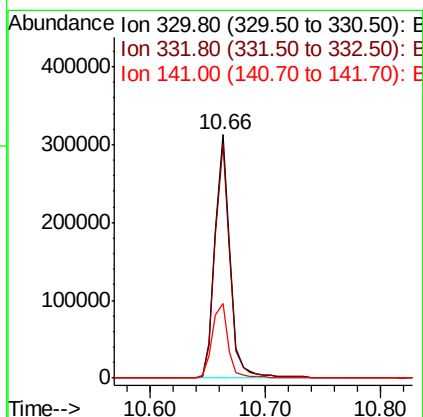
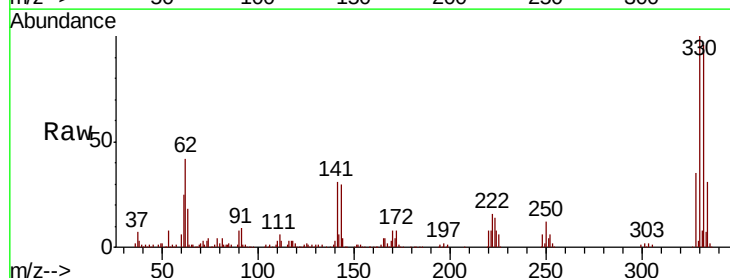
Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

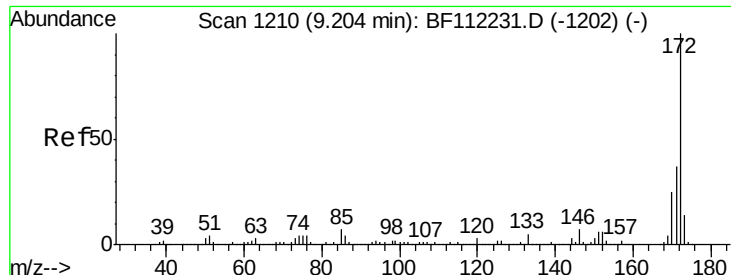
Tot Ion:164 Resp: 249724
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.2 123.4
 160 45.9 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 98.002 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112442.D
 Acq: 7 Feb 2019 17:06

Tgt Ion:330 Resp: 284863
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 33.2 24.3 36.5

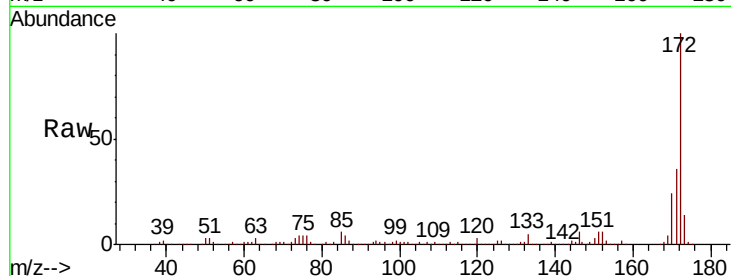




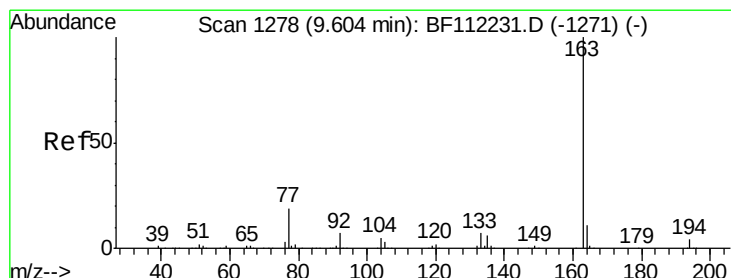
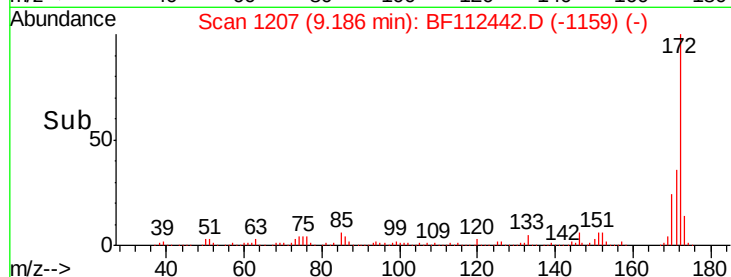
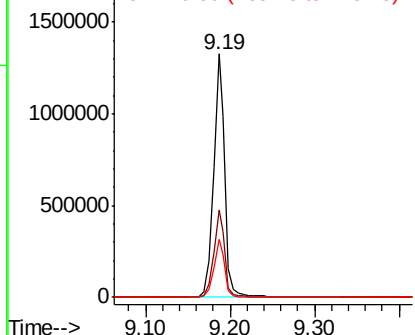
#45
2-Fluorobiphenyl
Concen: 71.448 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112442.D
Acq: 7 Feb 2019 17:06

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion:172 Resp: 1261535
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 23.8 20.2 30.4

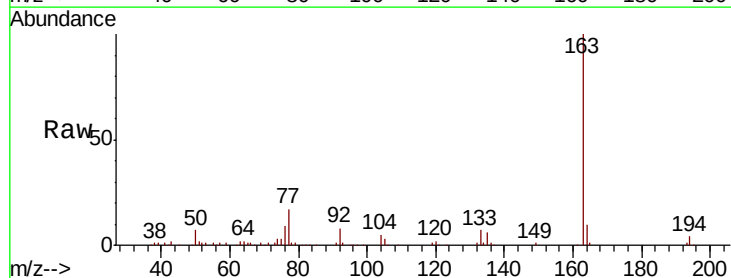


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

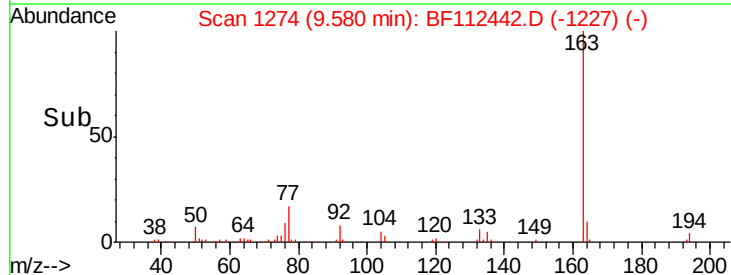
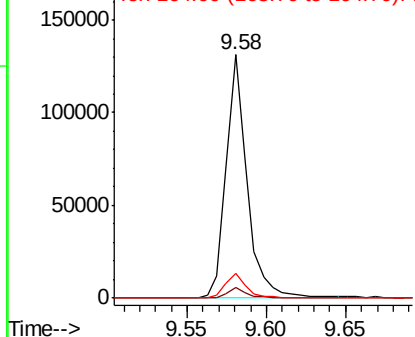


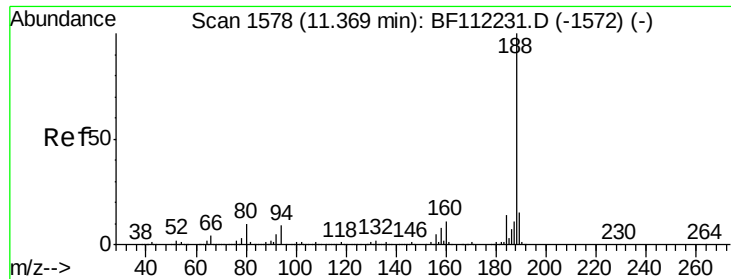
#50
Dimethylphthalate
Concen: 6.215 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112442.D
Acq: 7 Feb 2019 17:06

Tgt Ion:163 Resp: 120576
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112442.D

Acq: 7 Feb 2019 17:06

Instrument :

BNA_F

ClientSampleId :

RT-3425

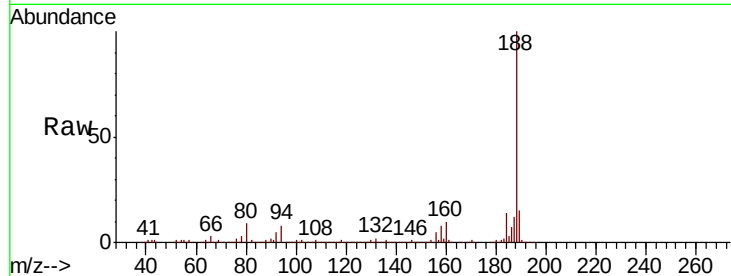
Tot Ion:188 Resp: 417962

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

80 8.8 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

600000

500000

400000

300000

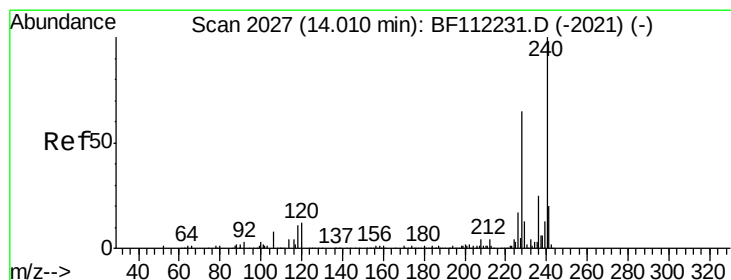
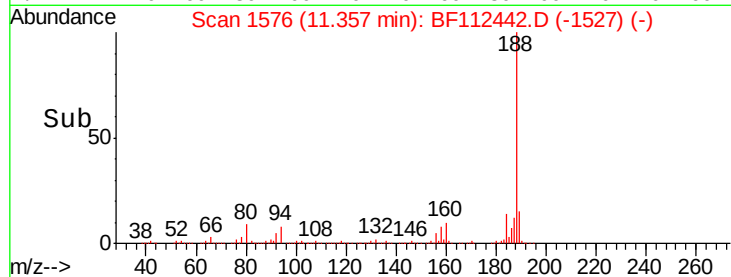
200000

100000

0

11.30 11.35 11.40 11.45

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112442.D

Acq: 7 Feb 2019 17:06

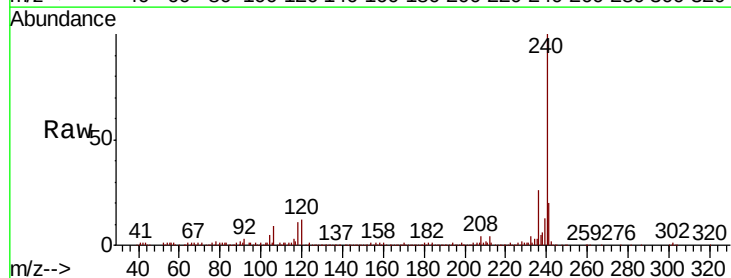
Tgt Ion:240 Resp: 316297

Ion Ratio Lower Upper

240 100

120 12.4 9.0 13.6

236 25.7 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

400000

300000

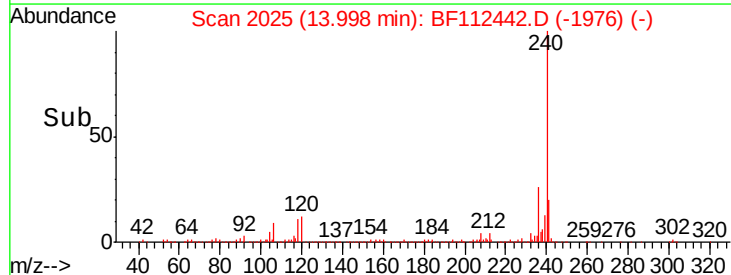
200000

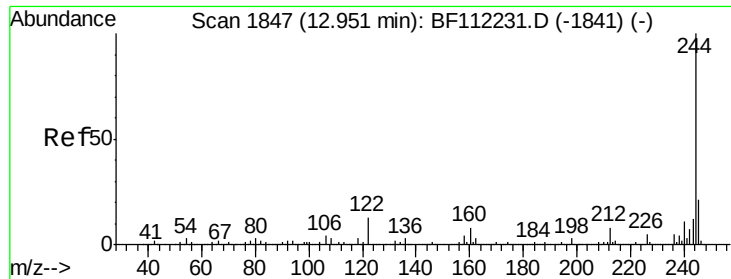
100000

0

14.00 14.10

Time-->





#79

Terphenyl-d14

Concen: 57.992 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112442.D

Acq: 7 Feb 2019 17:06

Instrument :

BNA_F

ClientSampleId :

RT-3425

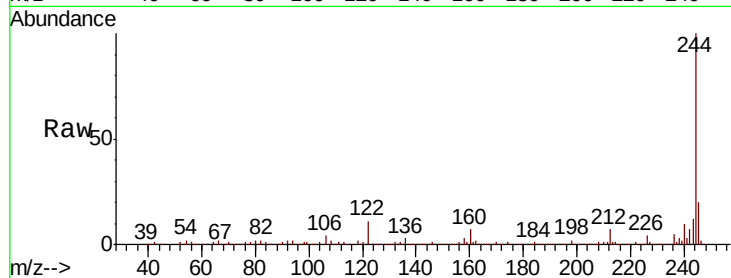
Tot Ion:244 Resp: 973889

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

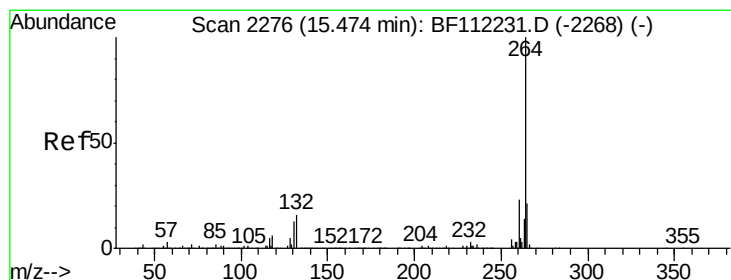
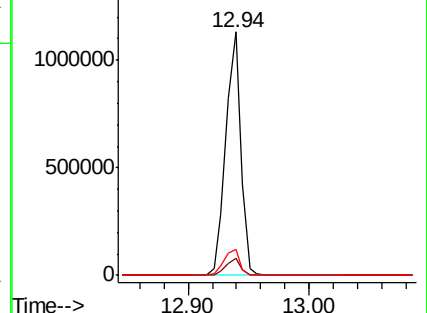
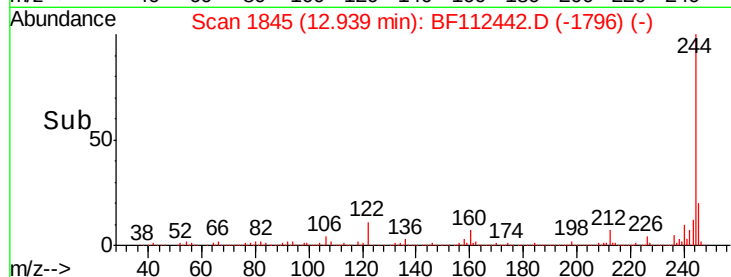
122 10.5 9.8 14.6



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: BF112442.D

Acq: 7 Feb 2019 17:06

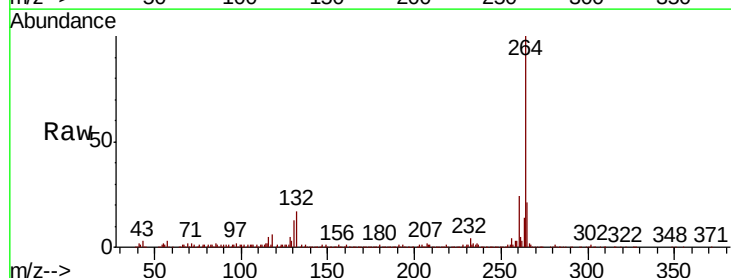
Tgt Ion:264 Resp: 304167

Ion Ratio Lower Upper

264 100

260 23.7 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

