

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112361.D
 Acq On : 1 Feb 2019 19:41
 Operator : JU/SJ
 Sample : K1307-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 013019-SIDI-E-U-B

Quant Time: Feb 02 00:06:32 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

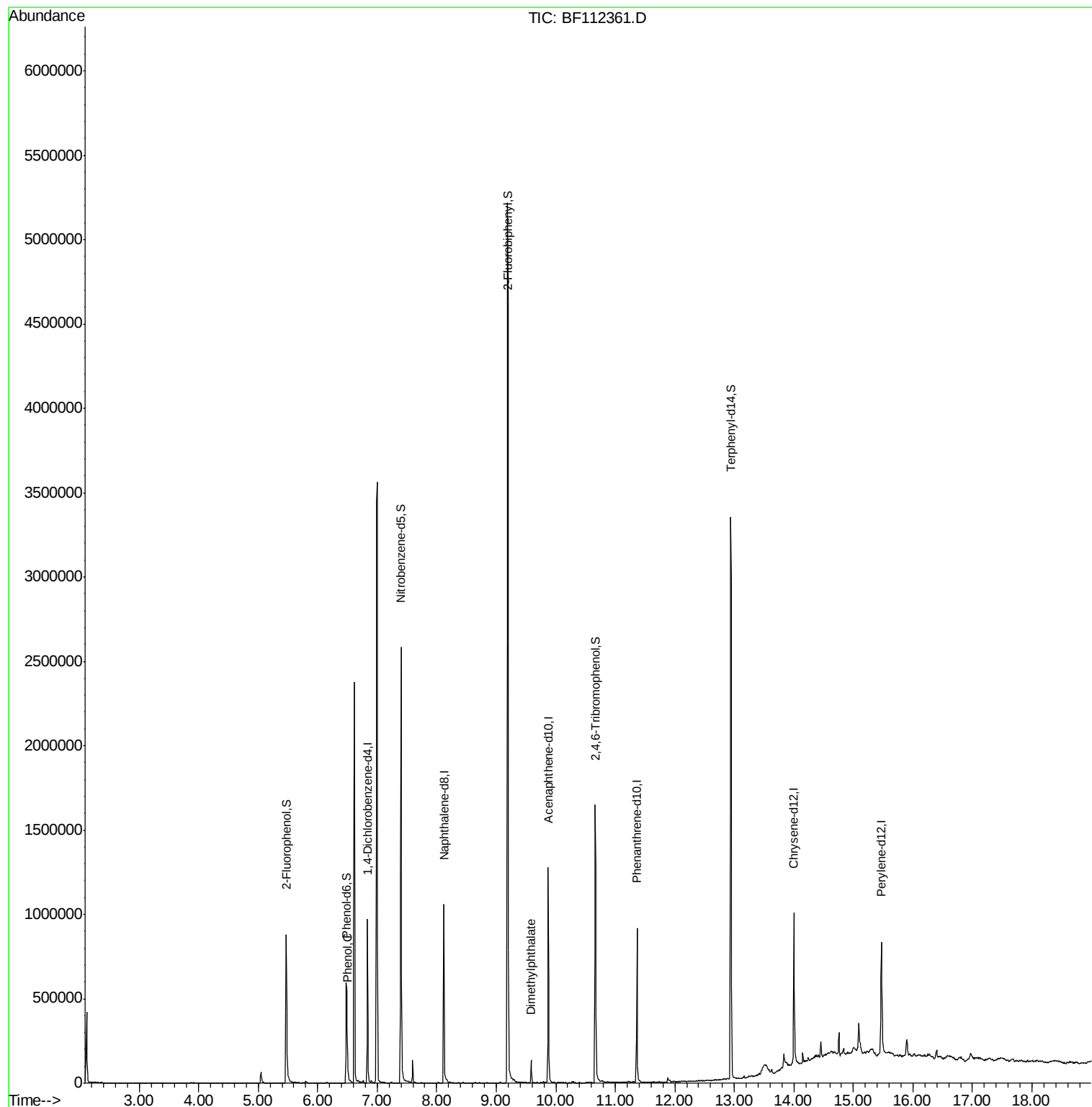
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162886	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	580883	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	259793	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	383207	20.00	ng	0.00
76) Chrysene-d12	14.00	240	320016	20.00	ng	0.00
87) Perylene-d12	15.47	264	300297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	312966	40.81	ng	0.00
7) Phenol-d6	6.48	99	234767	22.03	ng	-0.01
23) Nitrobenzene-d5	7.40	82	917210	90.98	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	230436	76.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1773182	96.53	ng	-0.01
79) Terphenyl-d14	12.94	244	1158800	68.20	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	52501	4.491	ng	79
50) Dimethylphthalate	9.59	163	63864	3.164	ng	99

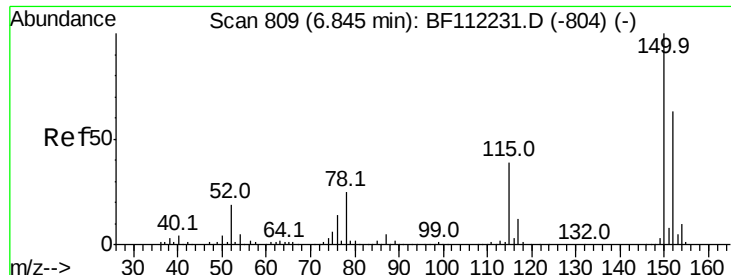
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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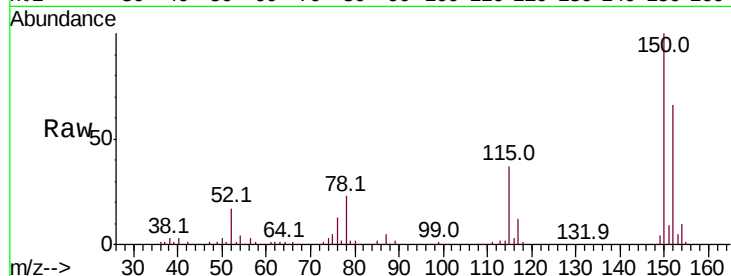


#1

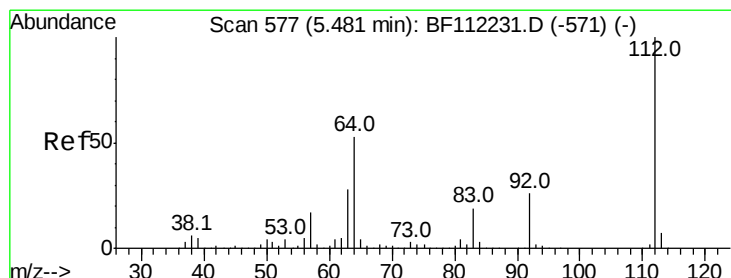
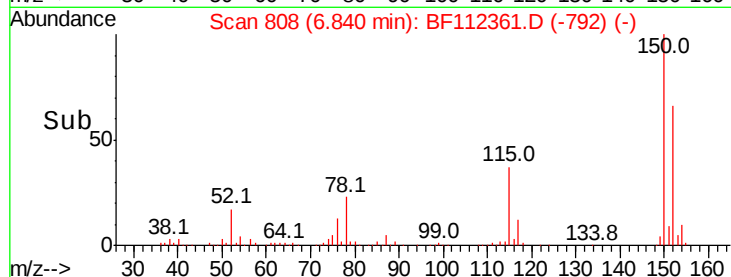
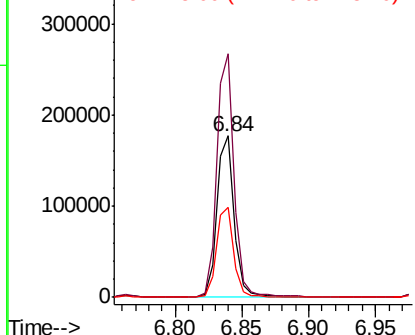
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

Tot Ion:152 Resp: 162886
Ion Ratio Lower Upper
152 100
150 150.8 127.4 191.0
115 55.7 45.5 68.3



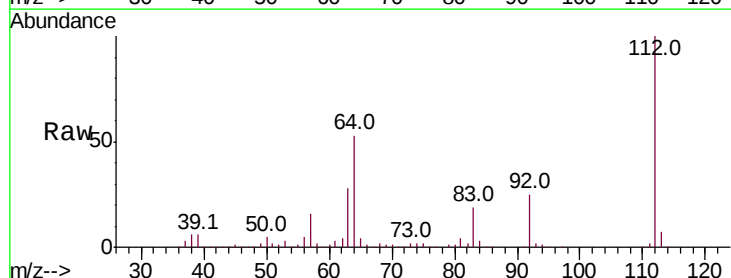
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



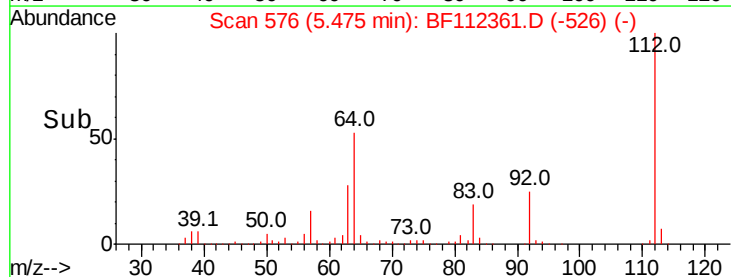
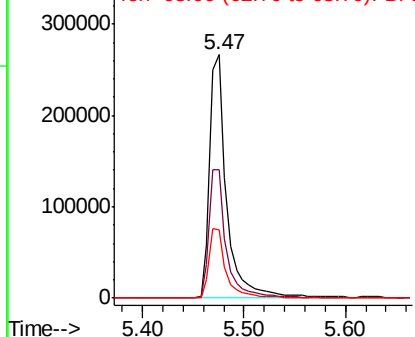
#5

2-Fluorophenol
Concen: 40.811 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:112 Resp: 312966
Ion Ratio Lower Upper
112 100
64 52.9 45.7 68.5
63 27.8 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: 22.032 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-B

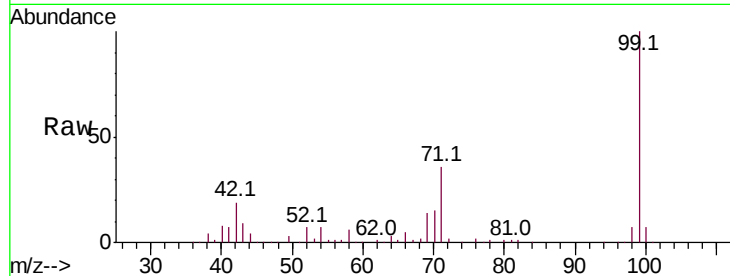
Tot Ion: 99 Resp: 234767

Ion Ratio Lower Upper

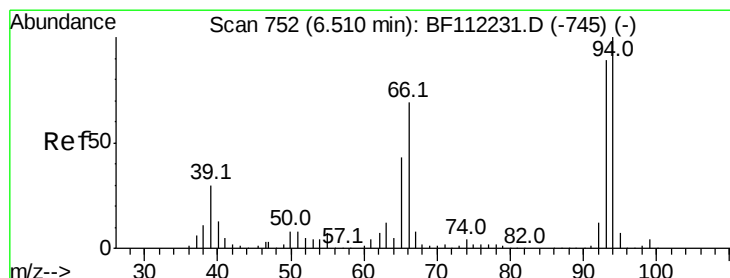
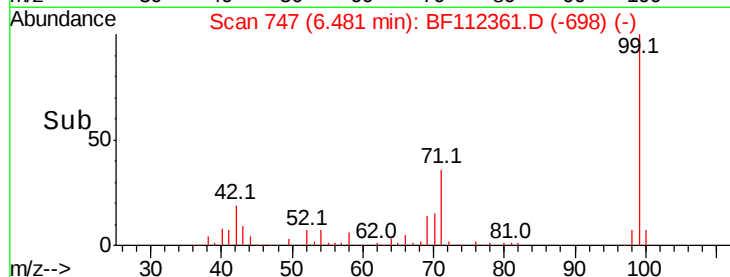
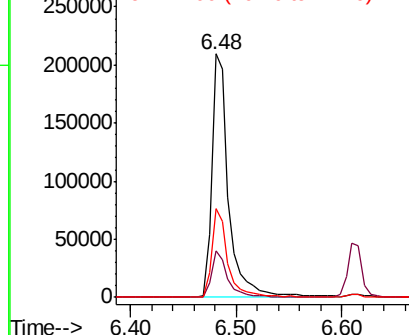
99 100

42 19.0 15.1 22.7

71 36.3 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



#10

Phenol

Concen: 4.491 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

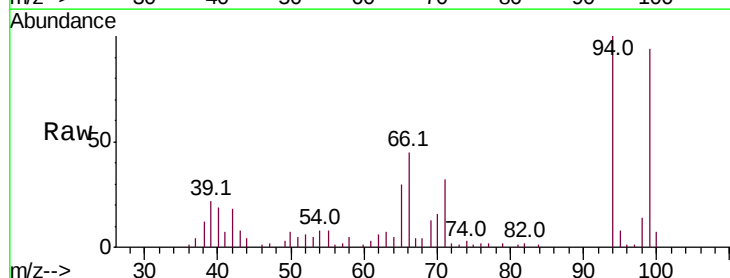
Tgt Ion: 94 Resp: 52501

Ion Ratio Lower Upper

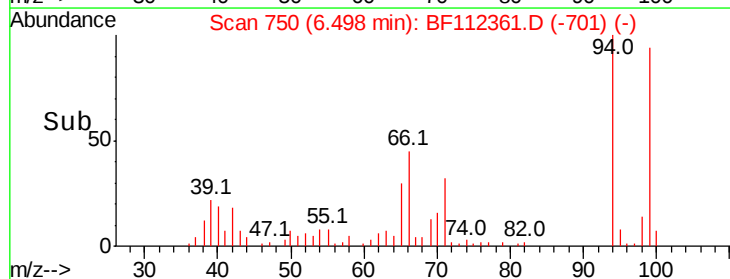
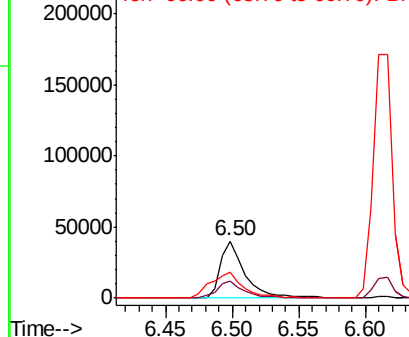
94 100

65 29.8 20.3 60.3

66 44.6 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# 1026

Delta R.T. -0.01 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-B

Tot Ion:136 Resp: 580883

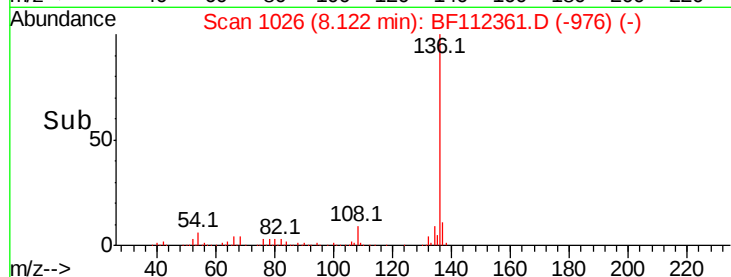
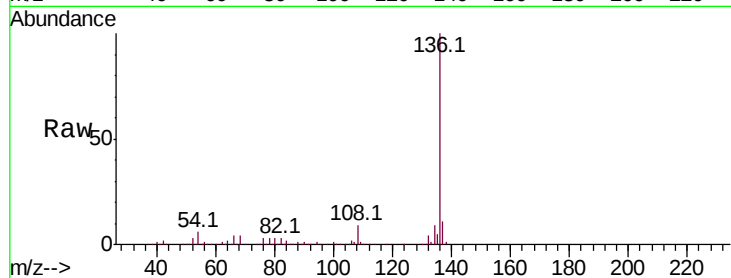
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.7 5.9 8.9#

68 4.5 5.1 7.7#

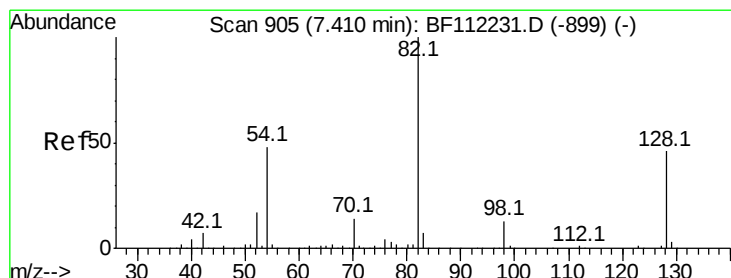
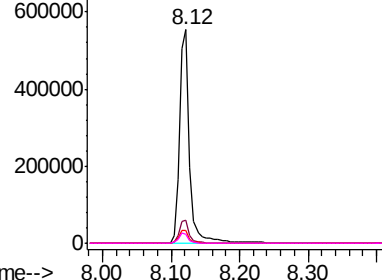


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.981 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

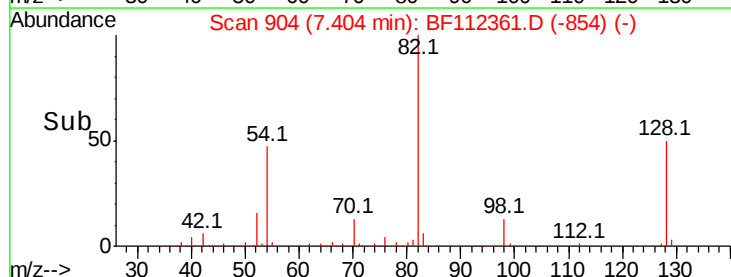
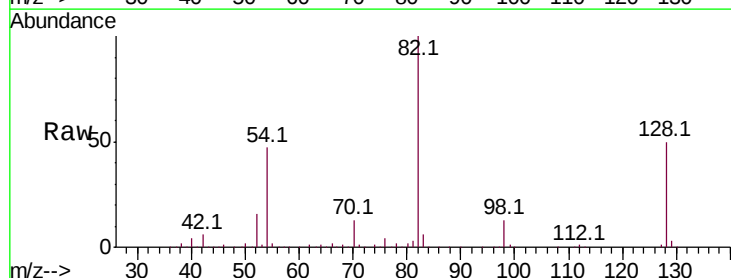
Tgt Ion: 82 Resp: 917210

Ion Ratio Lower Upper

82 100

128 49.6 37.8 56.8

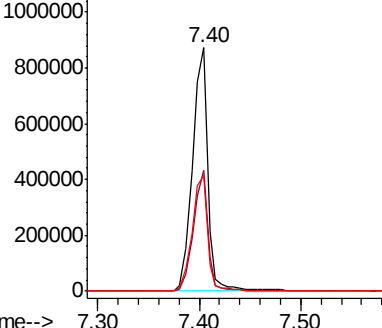
54 47.3 39.7 59.5

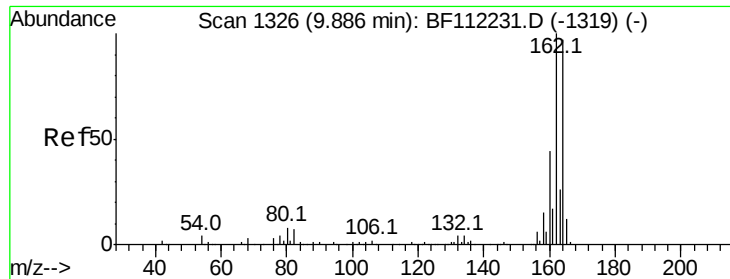


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

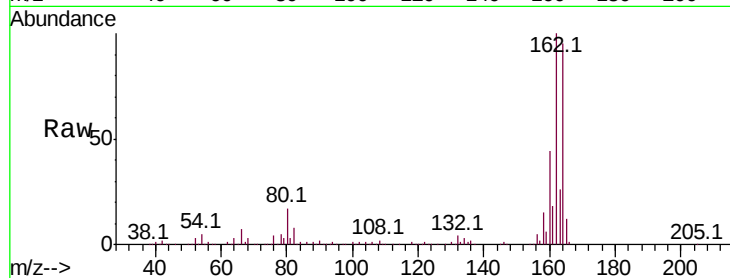




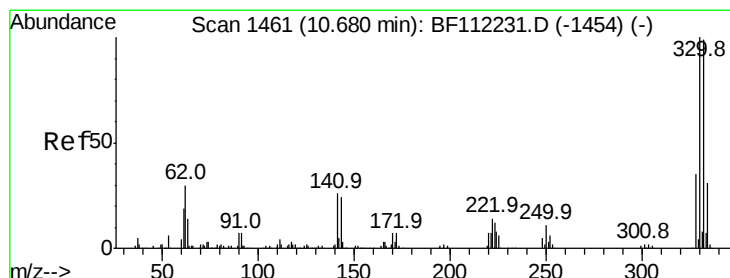
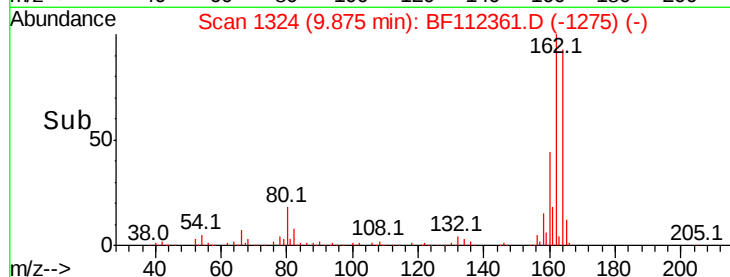
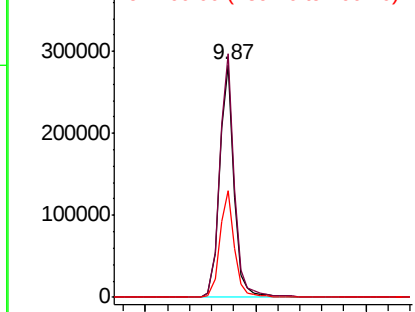
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112361.D
 Acq: 1 Feb 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :
 013019-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	46.0	36.2	54.4

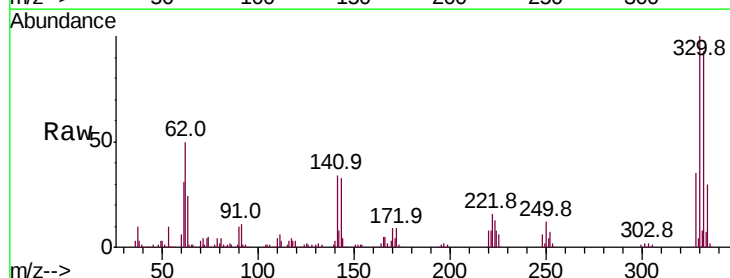


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

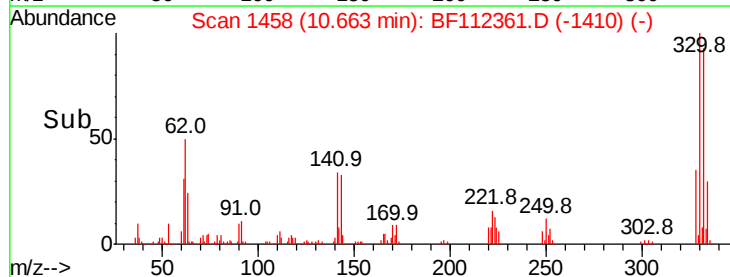
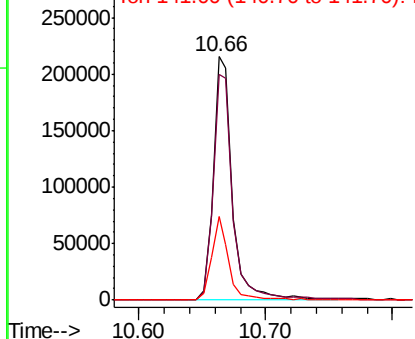


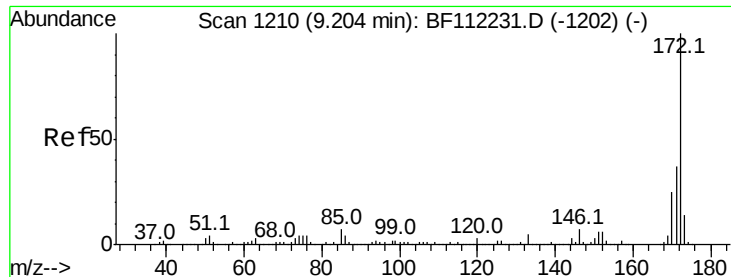
#42
 2,4,6-Tribromophenol
 Concen: 76.204 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112361.D
 Acq: 1 Feb 2019 19:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	31.6	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

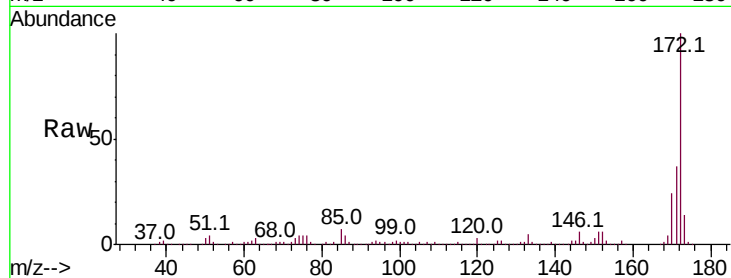




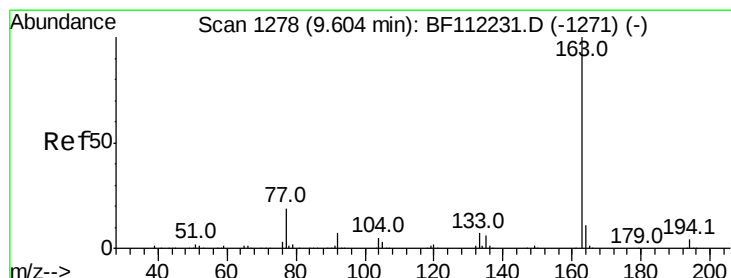
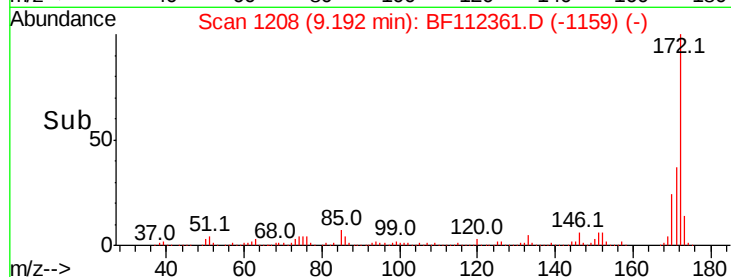
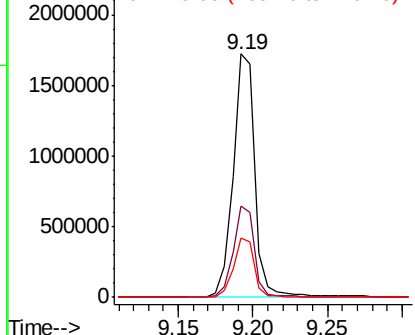
#45
2-Fluorobiphenyl
Concen: 96.534 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

Tot Ion:172 Resp: 1773182
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 24.1 20.2 30.4

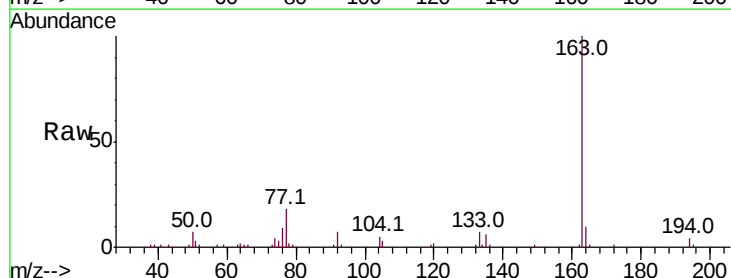


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

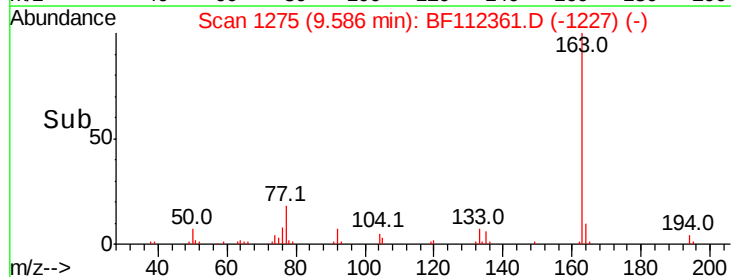
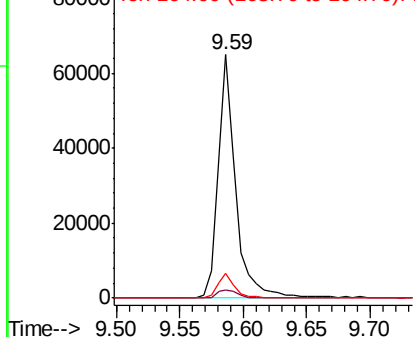


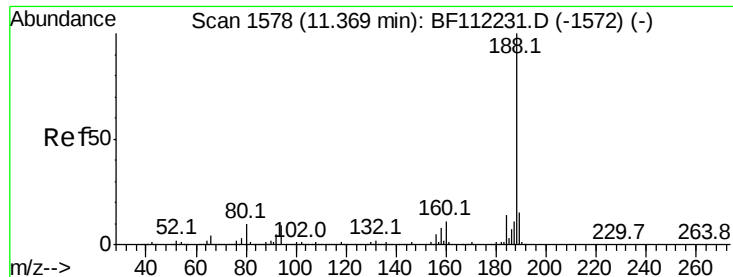
#50
Dimethylphthalate
Concen: 3.164 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:163 Resp: 63864
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.3 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

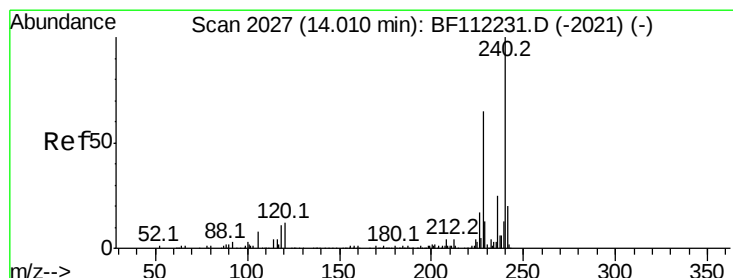
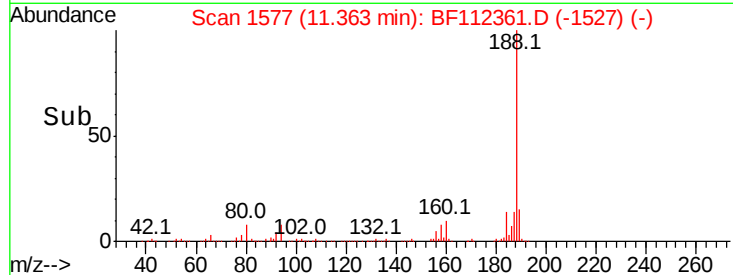
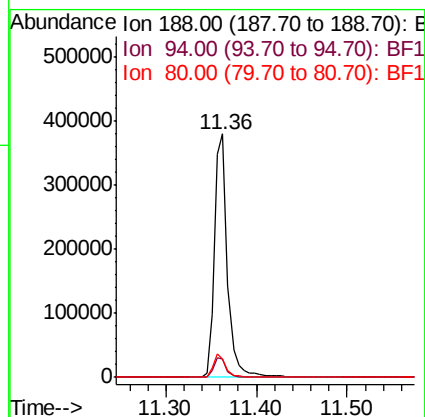
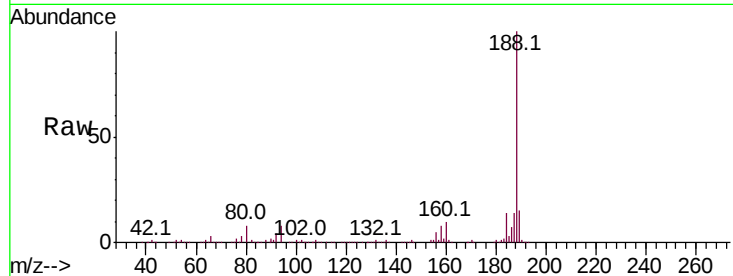




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

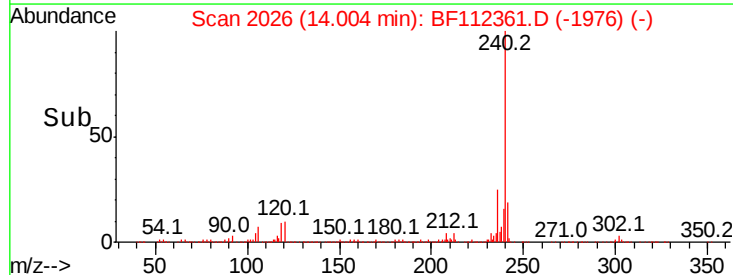
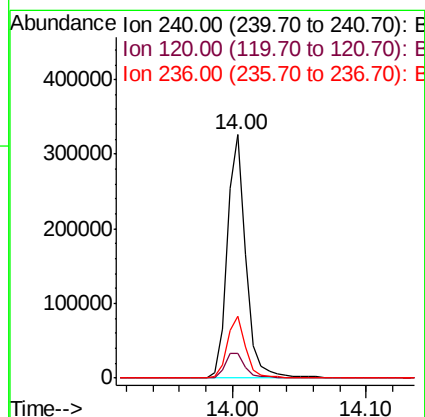
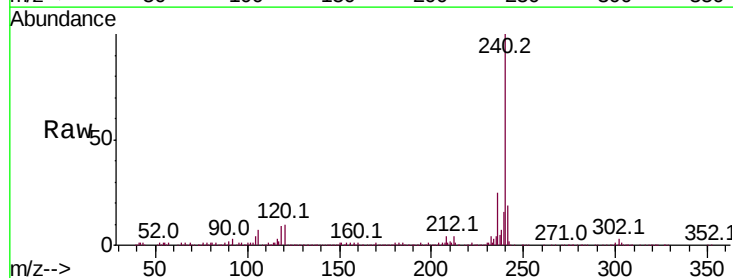
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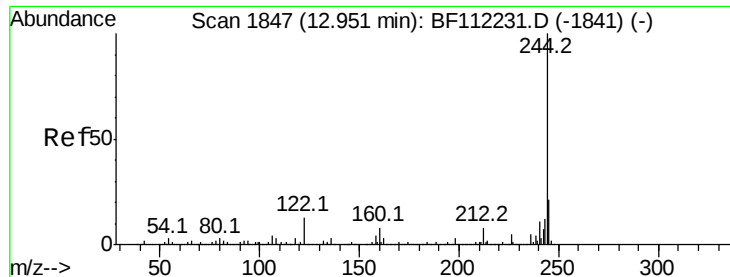
Tot Ion:188 Resp: 383207
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 7.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:240 Resp: 320016
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 68.201 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-B

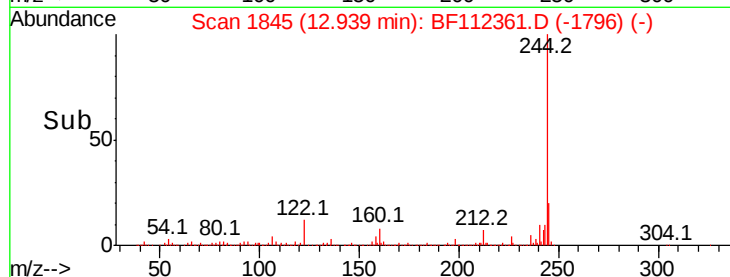
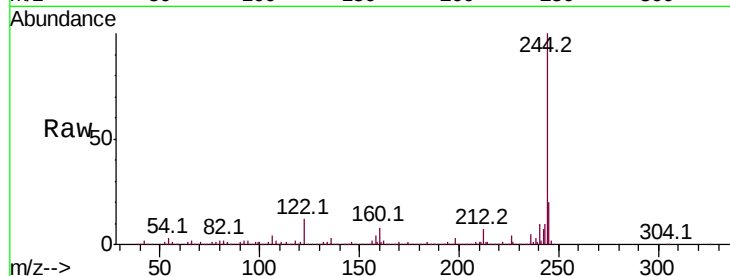
Tot Ion:244 Resp: 1158800

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.0	9.8	14.6

244 100

212 7.0 5.9 8.9

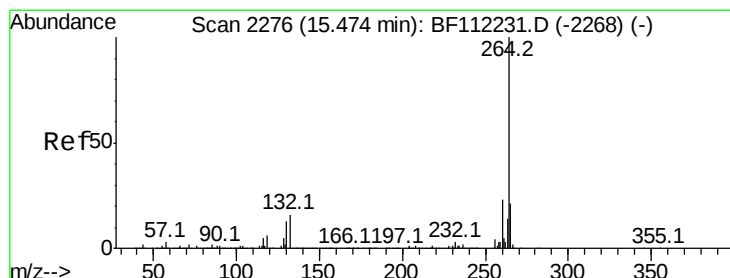
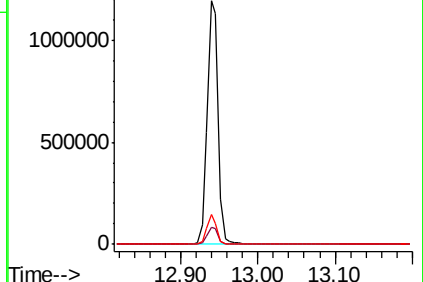
122 12.0 9.8 14.6



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: BF112361.D

Acq: 1 Feb 2019 19:41

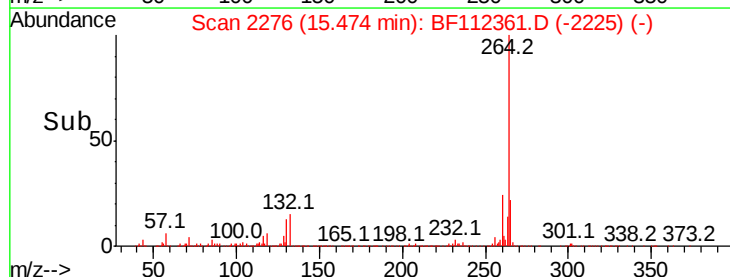
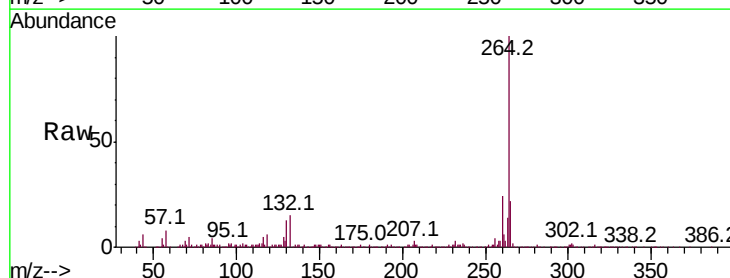
Tgt Ion:264 Resp: 300297

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.0	17.0	25.4

264 100

260 23.8 18.2 27.2

265 22.0 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

