

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117231.D
 Acq On : 24 Sep 2019 22:20
 Operator : JU
 Sample : K4668-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-092319

Quant Time: Sep 25 07:55:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

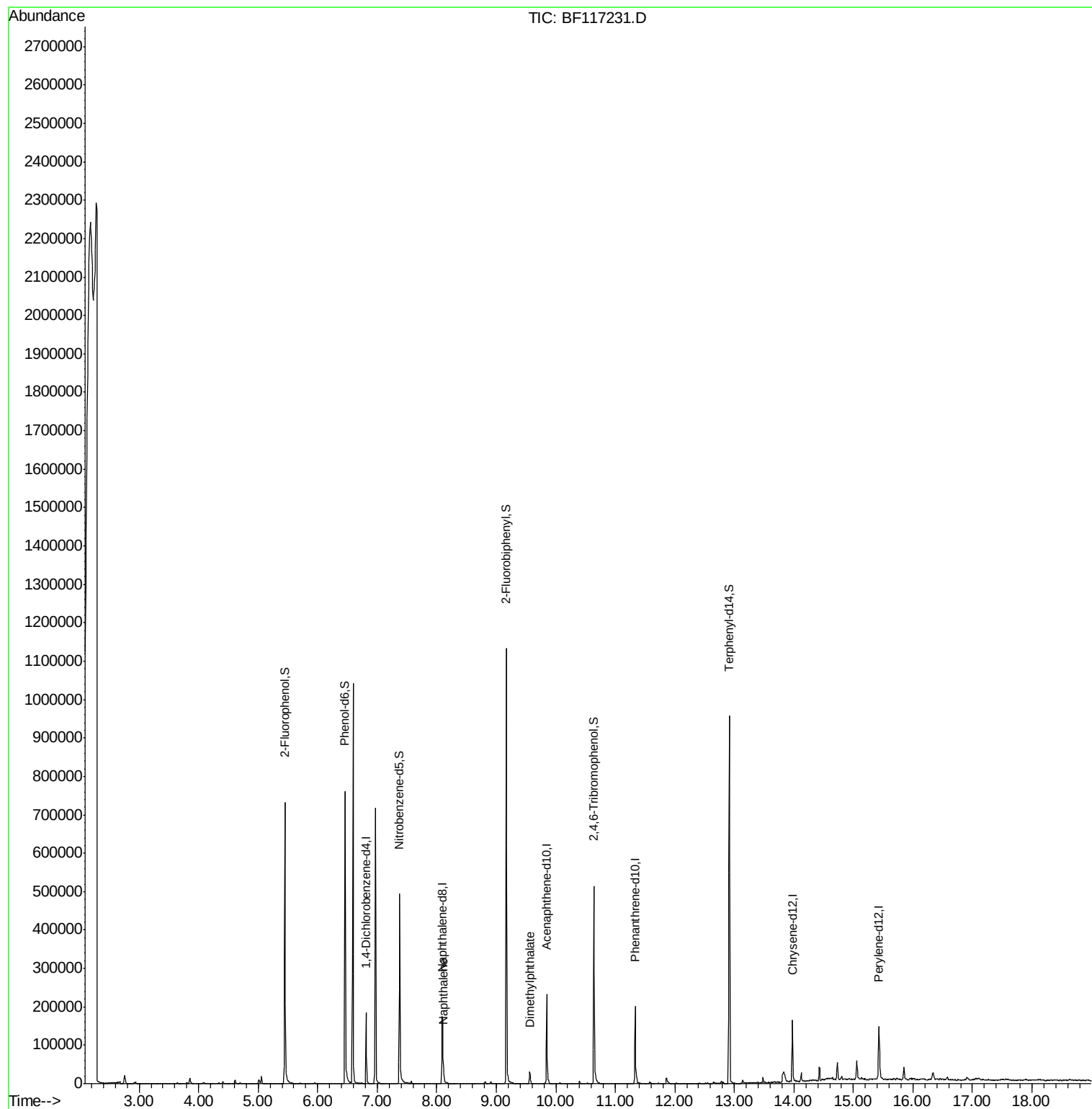
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	27649	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	107028	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	54085	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	79078	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59648	20.00	ng	0.00
87) Perylene-d12	15.43	264	56600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	233230	131.70	ng	0.01
7) Phenol-d6	6.46	99	297051	129.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	192396	94.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	62027	137.22	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	342432	99.00	ng	0.00
79) Terphenyl-d14	12.92	244	303809	95.21	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	13936	2.707	ng	95
50) Dimethylphthalate	9.56	163	15903	4.153	ng	99

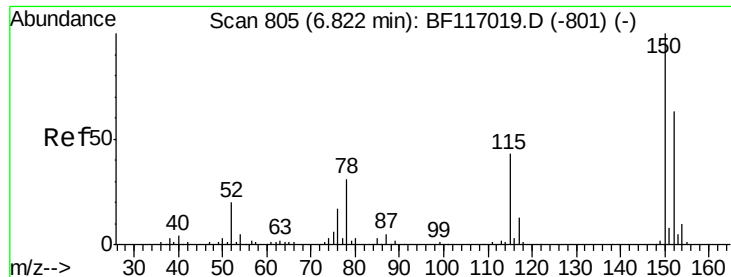
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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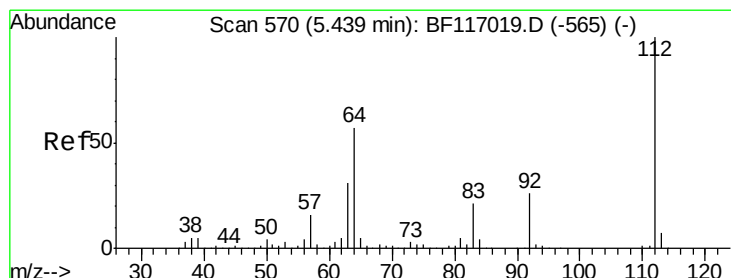
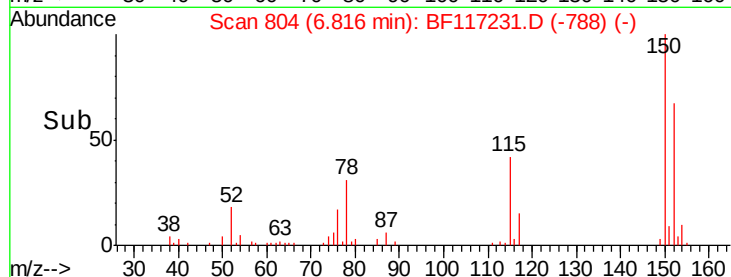
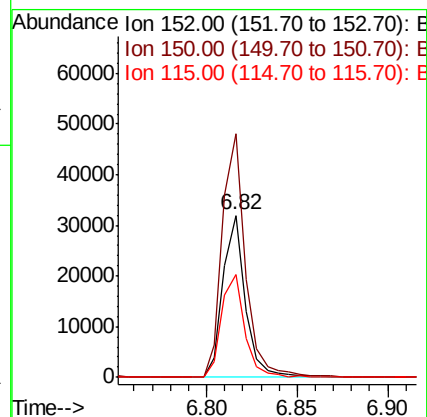
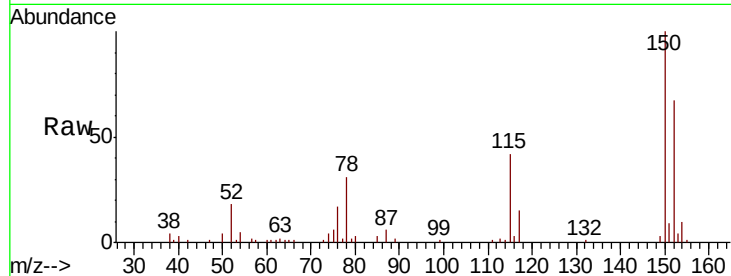


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SU-03-092319

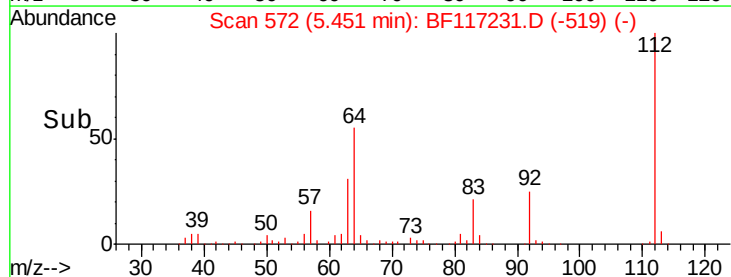
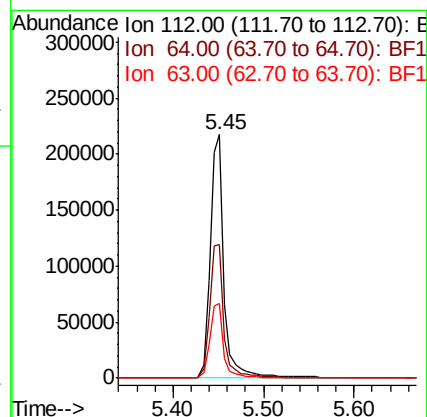
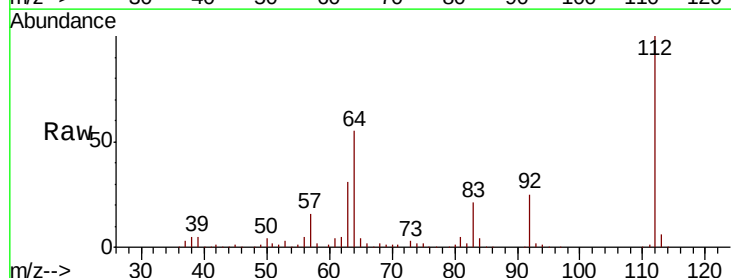
Tot Ion:152 Resp: 27649
Ion Ratio Lower Upper
152 100
150 150.1 127.5 191.3
115 63.4 55.0 82.4

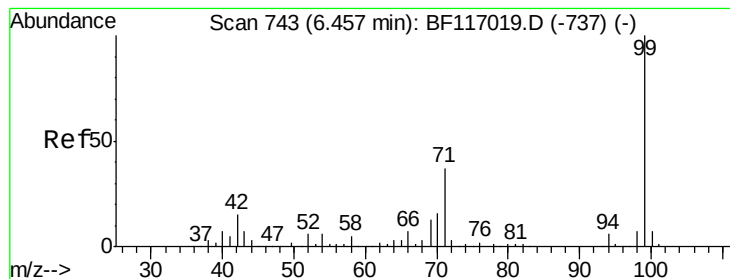


#5

2-Fluorophenol
Concen: 131.697 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

Tgt Ion:112 Resp: 233230
Ion Ratio Lower Upper
112 100
64 55.1 45.7 68.5
63 30.7 24.9 37.3





#7

Phenol-d6

Concen: 129.790 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117231.D

Acq: 24 Sep 2019 22:20

Instrument :

BNA_F

ClientSampleId :

SU-03-092319

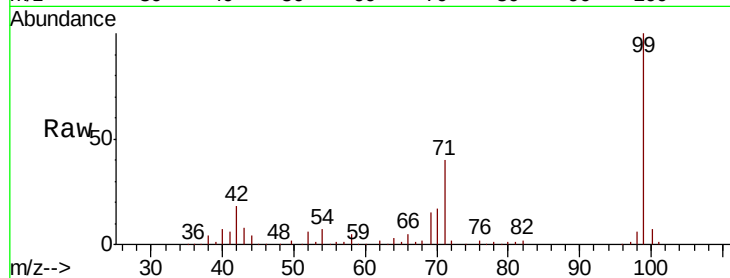
Tot Ion: 99 Resp: 297051

Ion Ratio Lower Upper

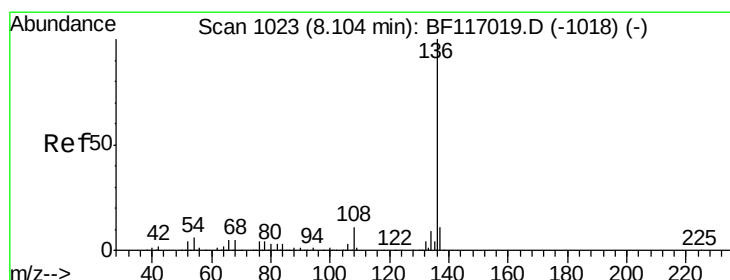
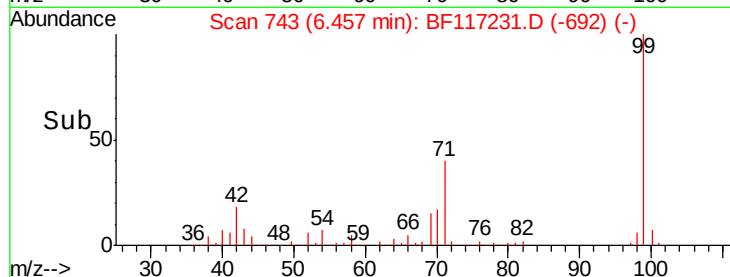
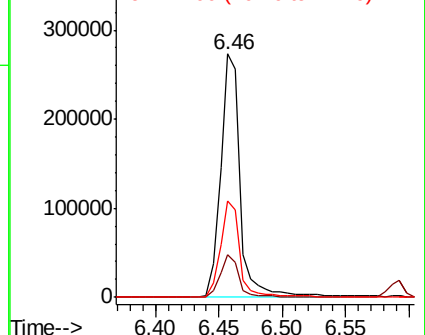
99 100

42 17.5 12.2 18.2

71 39.6 29.8 44.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117231.D

Acq: 24 Sep 2019 22:20

Tgt Ion: 136 Resp: 107028

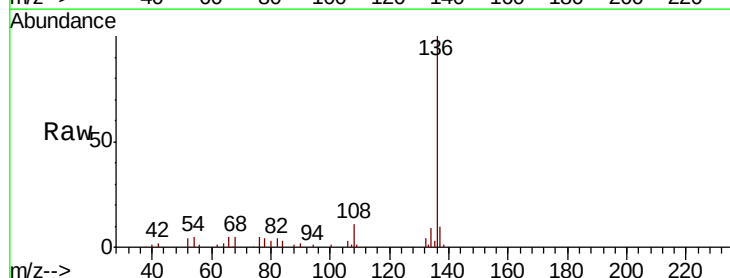
Ion Ratio Lower Upper

136 100

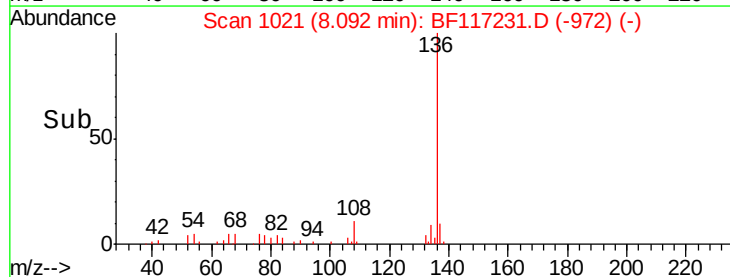
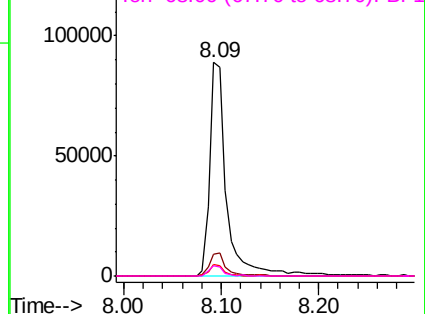
137 10.3 9.0 13.4

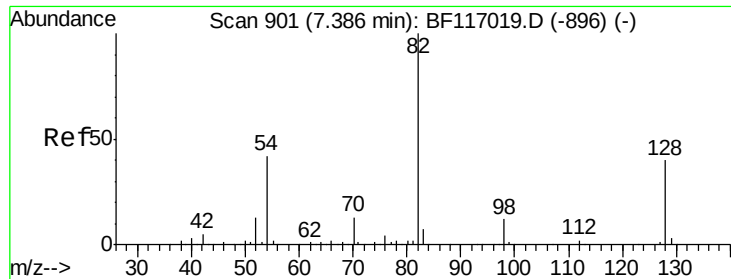
54 5.5 4.5 6.7

68 4.9 4.0 6.0



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

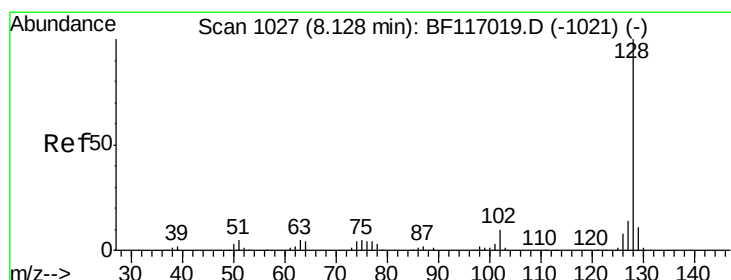
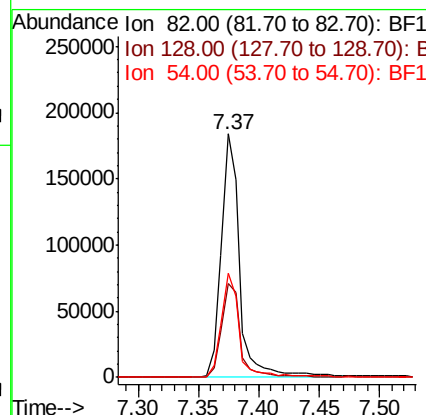
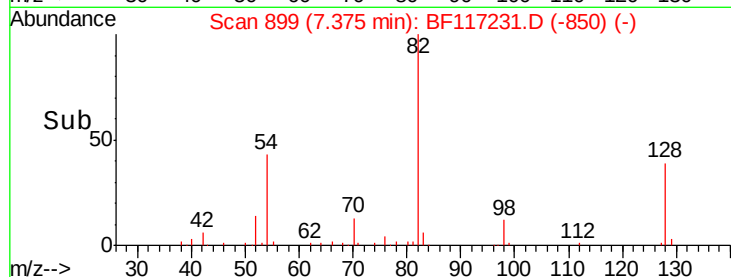
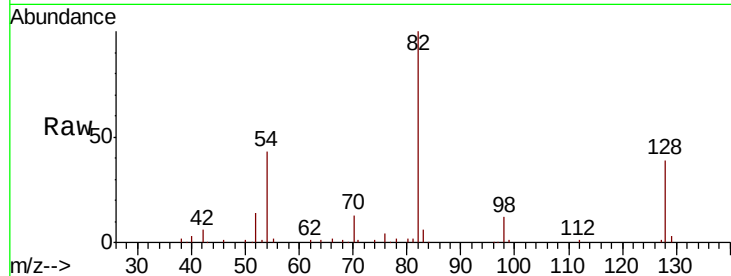




#23
Nitrobenzene-d5
Concen: 94.451 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

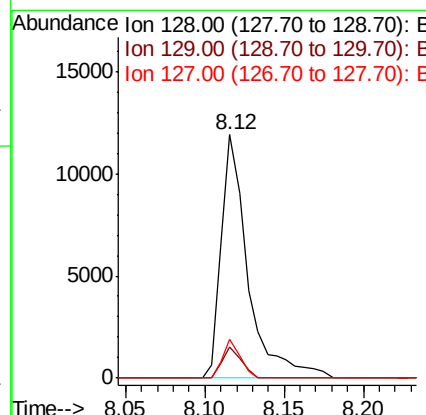
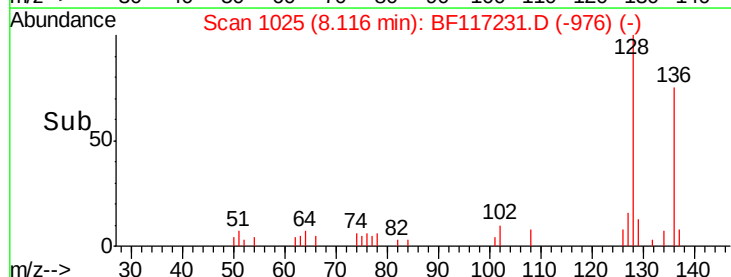
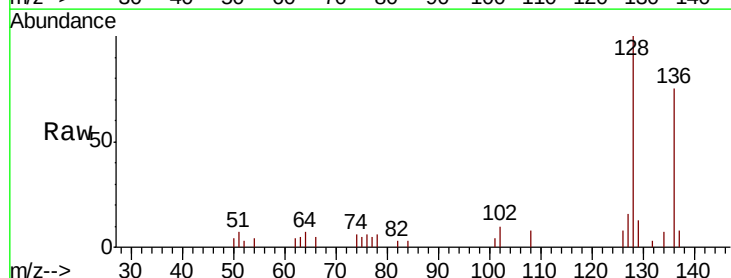
Instrument :
BNA_F
ClientSampleId :
SU-03-092319

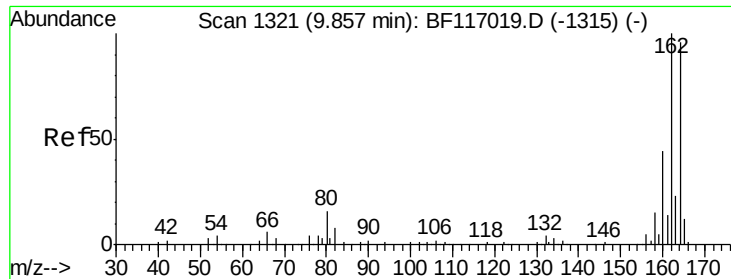
Tot Ion	82	Resp	192396
Ion Ratio	Lower	Upper	
82	100		
128	38.6	32.3	48.5
54	42.9	33.3	49.9



#31
Naphthalene
Concen: 2.707 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

Tgt Ion	128	Resp	13936
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.0	13.4
127	15.8	10.8	16.2

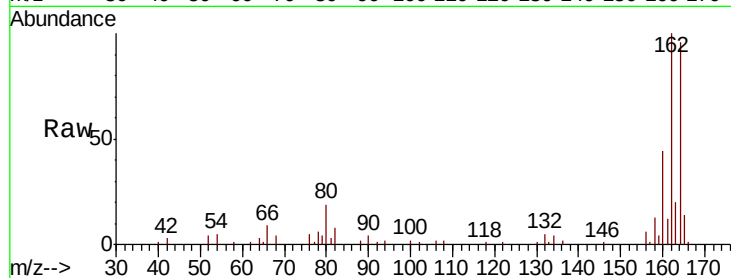




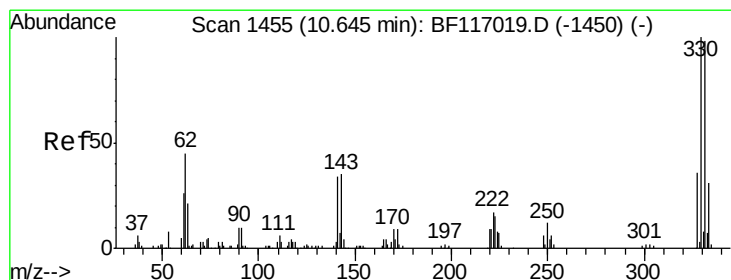
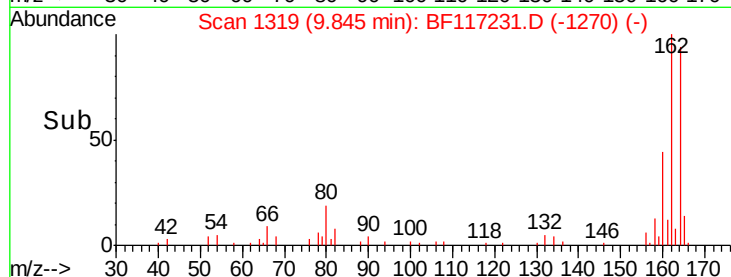
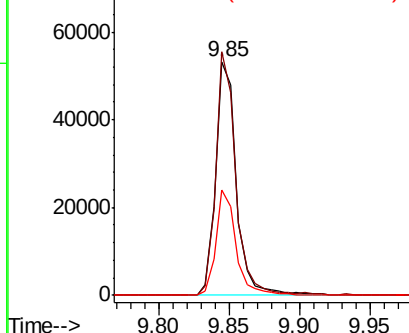
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

Instrument :
BNA_F
ClientSampleId :
SU-03-092319

Tot Ion:164 Resp: 54085
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.2
160 45.4 36.4 54.6

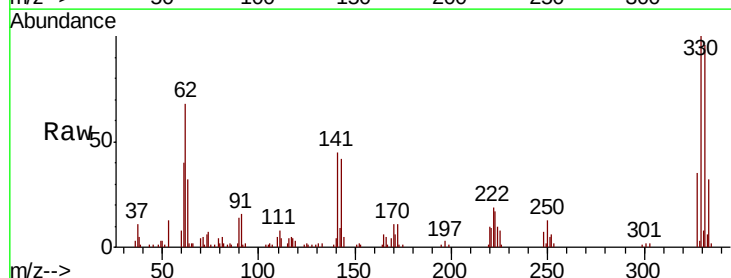


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

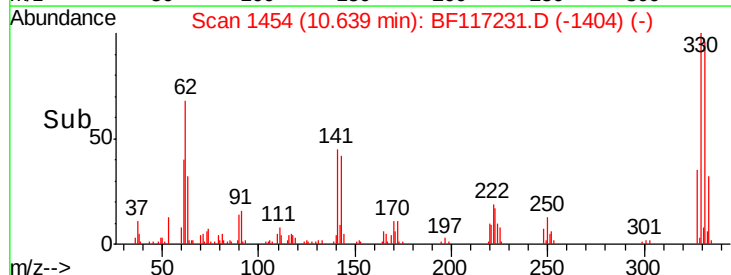
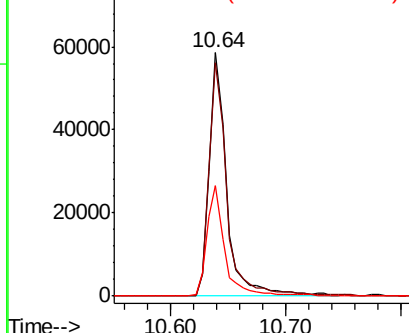


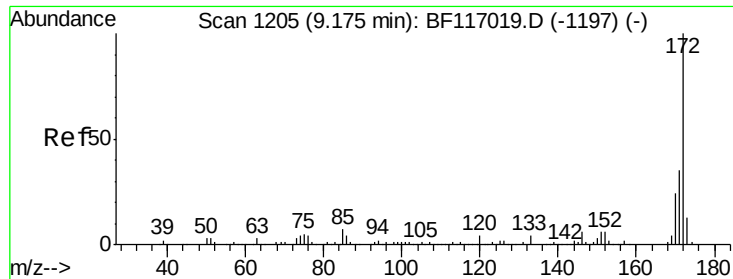
#42
2,4,6-Tribromophenol
Concen: 137.220 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

Tgt Ion:330 Resp: 62027
Ion Ratio Lower Upper
330 100
332 98.3 78.0 117.0
141 46.2 35.8 53.6



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

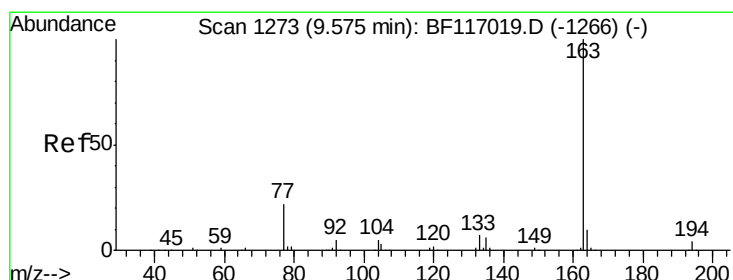
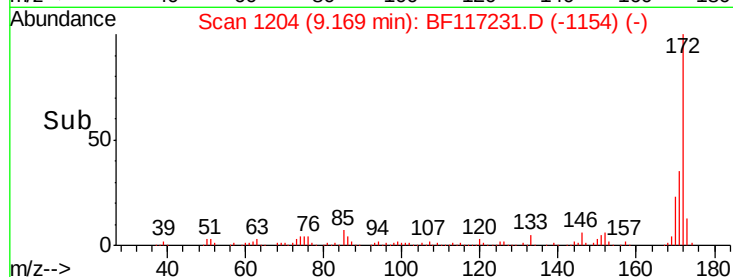
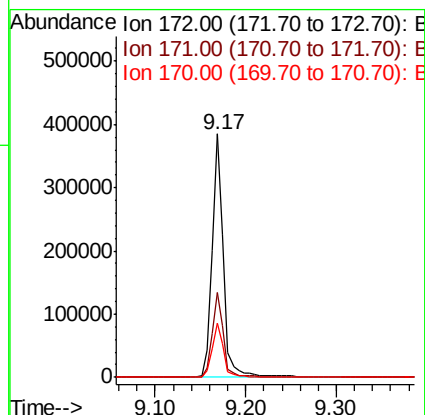
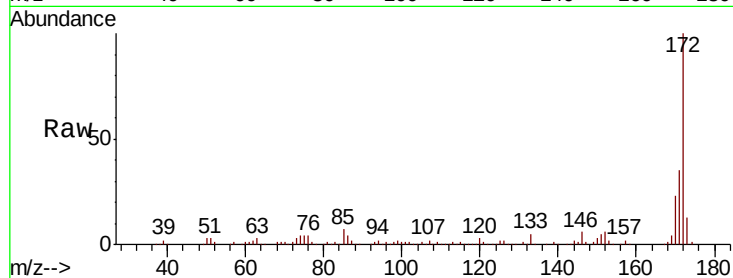




#45
2-Fluorobiphenyl
Concen: 98.996 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

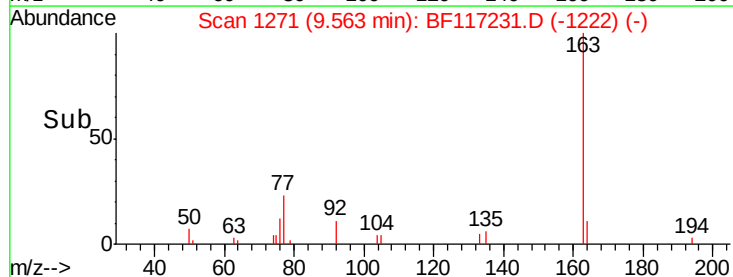
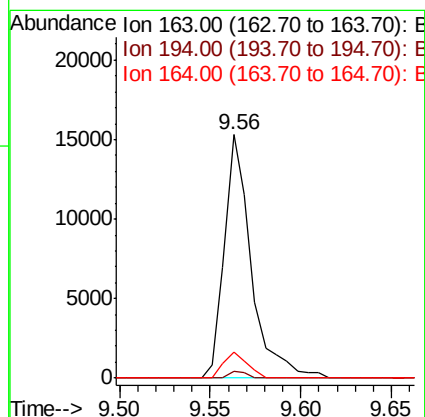
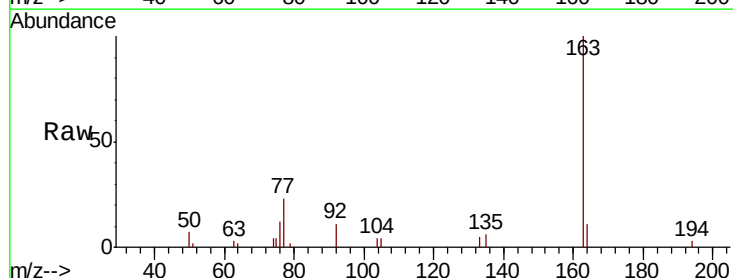
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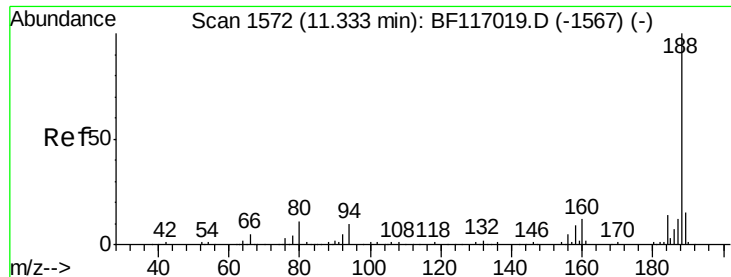
Tot Ion:172 Resp: 342432
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 22.5 18.9 28.3



#50
Dimethylphthalate
Concen: 4.153 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

Tgt Ion:163 Resp: 15903
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.6 8.2 12.4

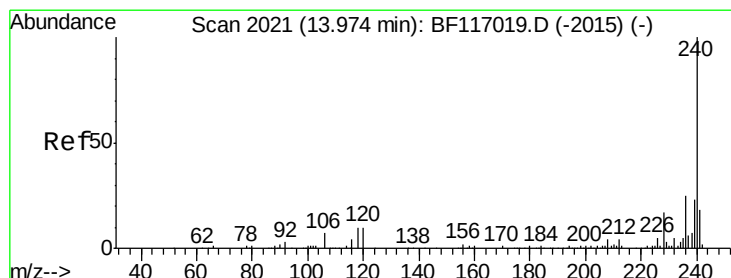
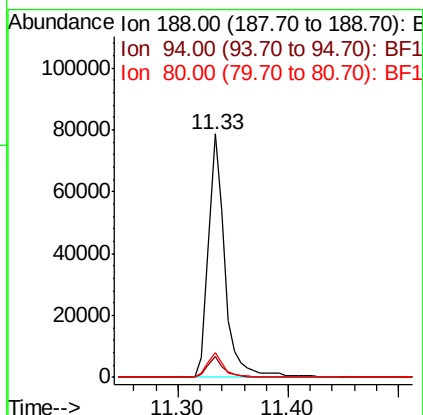
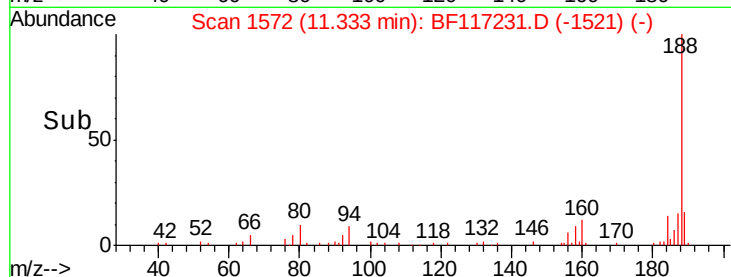
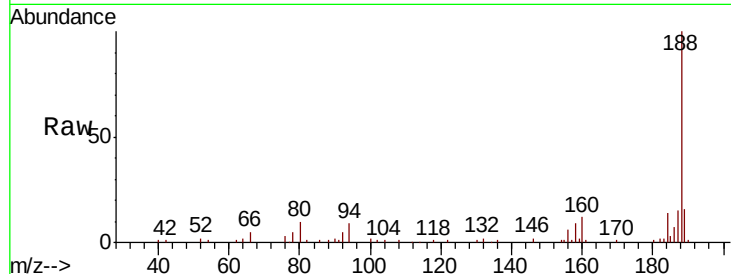




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

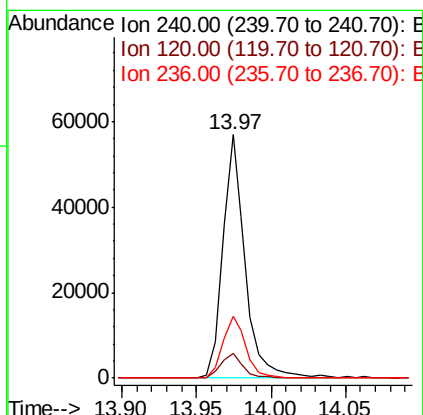
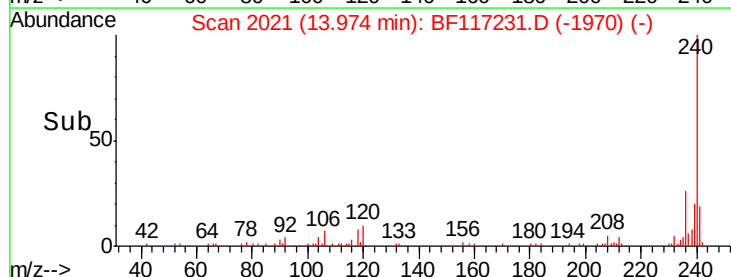
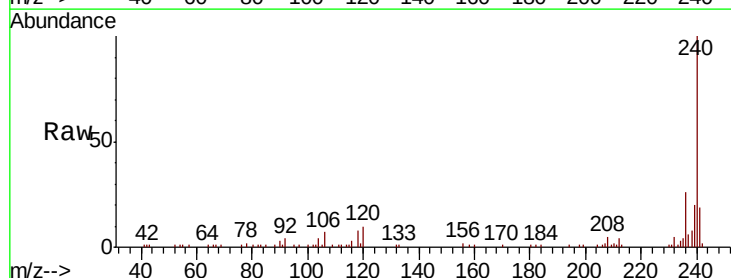
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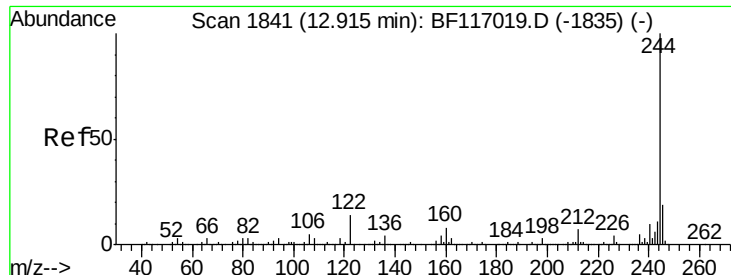
Tot Ion:188 Resp: 79078
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 10.1 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117231.D
Acq: 24 Sep 2019 22:20

Tgt Ion:240 Resp: 59648
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 25.6 20.3 30.5





#79

Terphenyl-d14

Concen: 95.206 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117231.D

Acq: 24 Sep 2019 22:20

Instrument :

BNA_F

ClientSampleId :

SU-03-092319

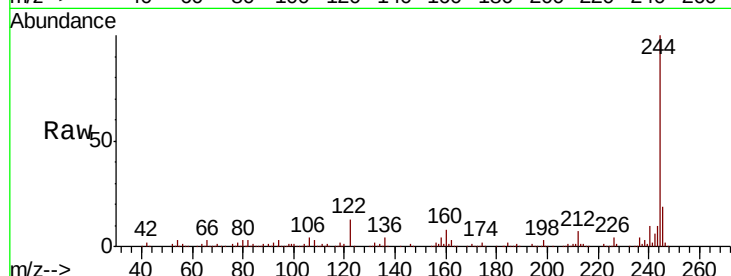
Tot Ion:244 Resp: 303809

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

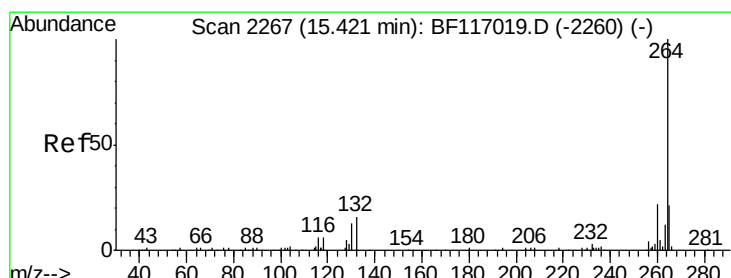
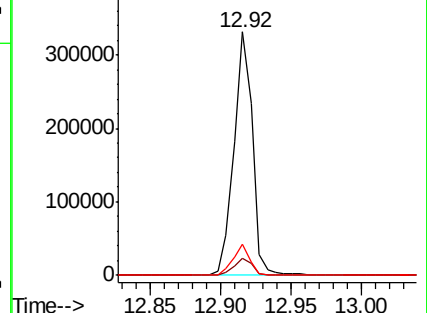
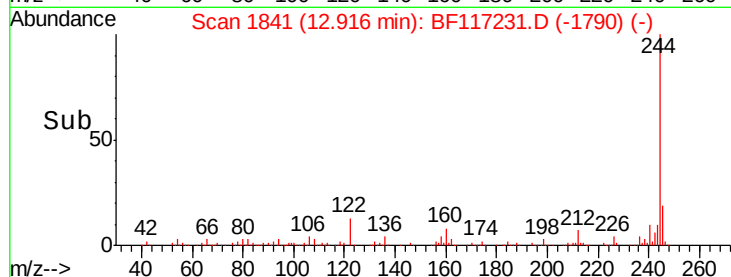
122 12.9 11.3 16.9



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: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF117231.D

Acq: 24 Sep 2019 22:20

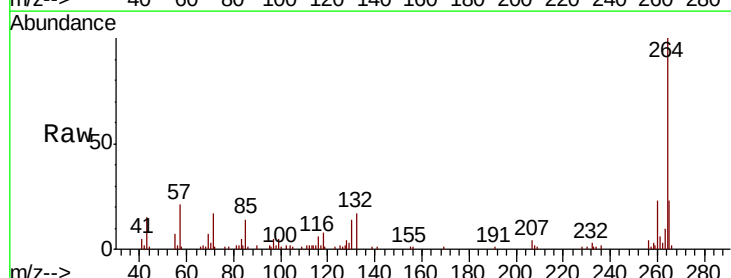
Tgt Ion:264 Resp: 56600

Ion Ratio Lower Upper

264 100

260 23.0 17.6 26.4

265 22.5 16.6 24.8



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

