

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120862.D
 Acq On : 14 Jul 2020 15:47
 Operator : JU/CG
 Sample : L3283-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Quant Time: Jul 14 16:45:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

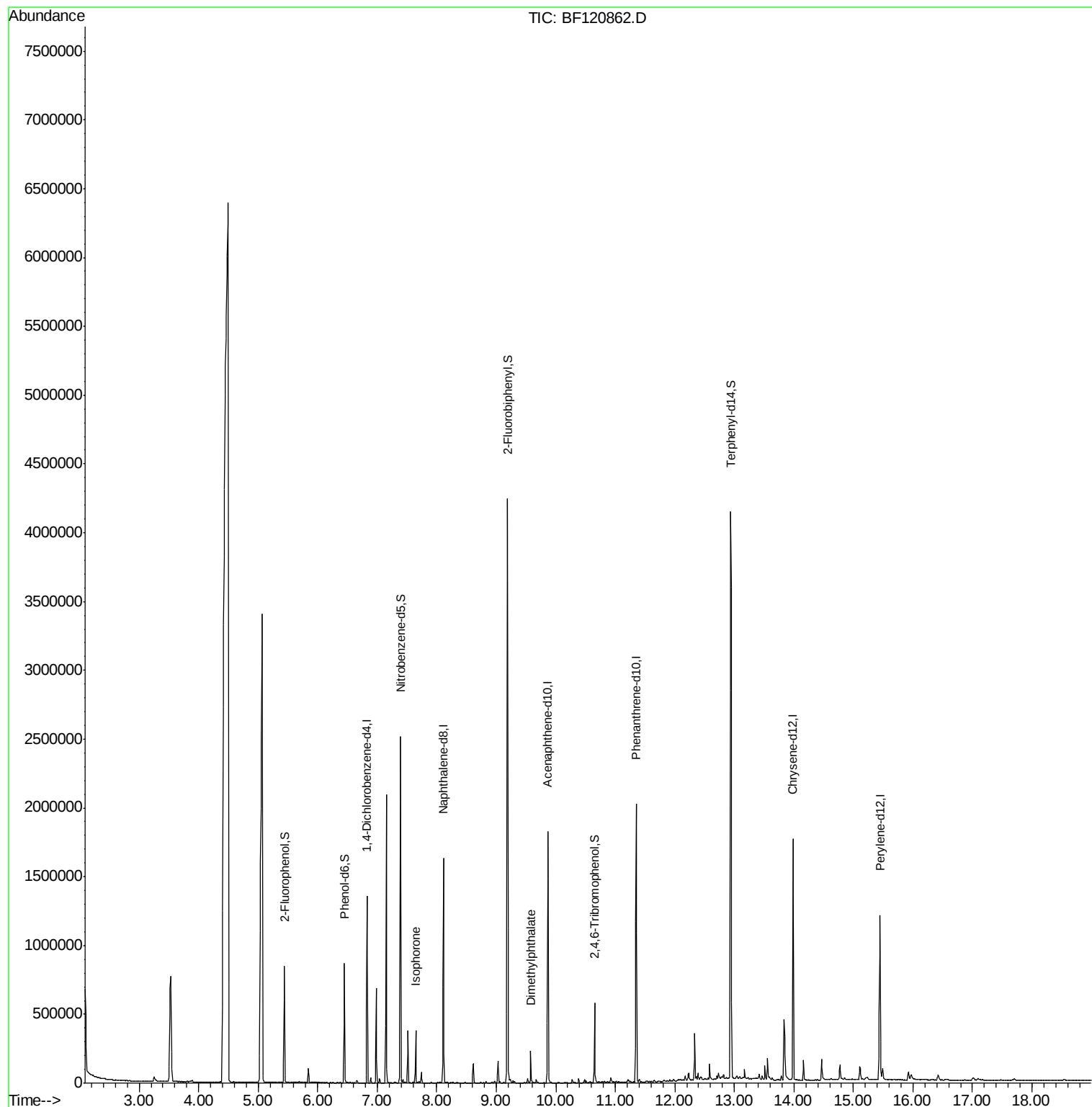
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	181362	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	706087	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	363061	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	695506	20.00	ng	0.00
76) Chrysene-d12	13.99	240	574989	20.00	ng	-0.02
86) Perylene-d12	15.44	264	520806	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	217490	18.51	ng	0.00
7) Phenol-d6	6.45	99	271342	18.08	ng	-0.02
23) Nitrobenzene-d5	7.39	82	799991	65.64	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	61619	16.89	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1435167	59.81	ng	0.00
79) Terphenyl-d14	12.94	244	1485426	50.58	ng	0.00
Target Compounds						
25) Isophorone	7.65	82	135485	5.155	ng	98
50) Dimethylphthalate	9.58	163	86722	3.274	ng	98

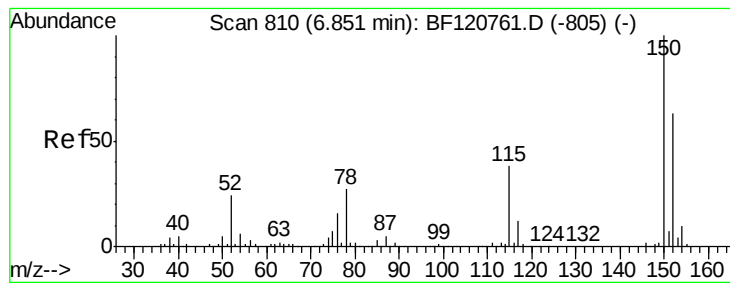
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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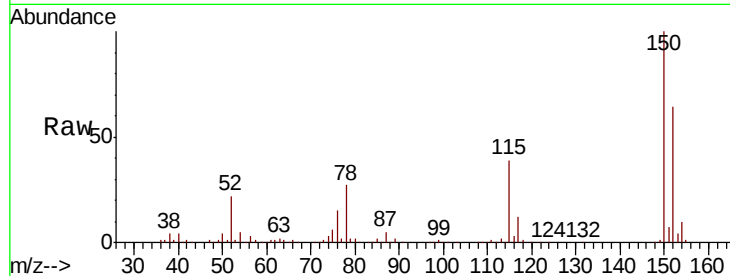


#1

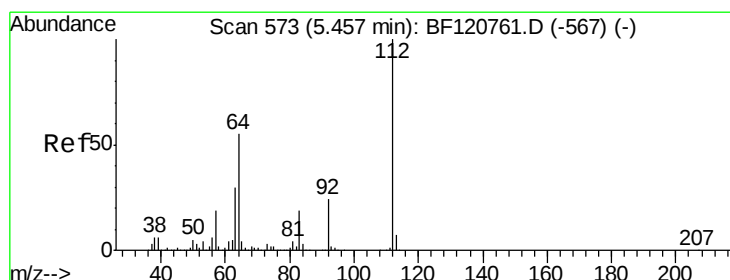
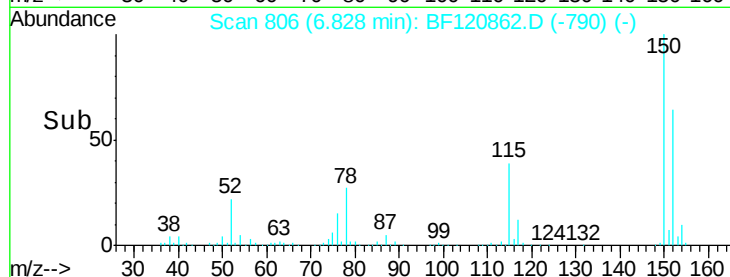
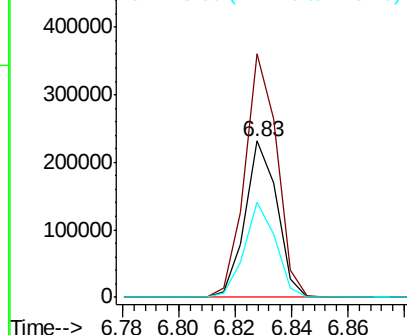
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF120862.D
 Acq: 14 Jul 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.1	189.1
115	60.7	48.5	72.7



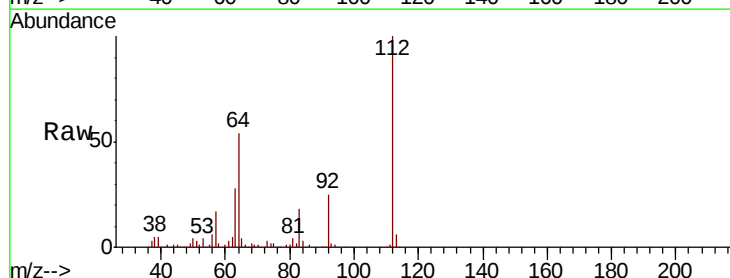
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



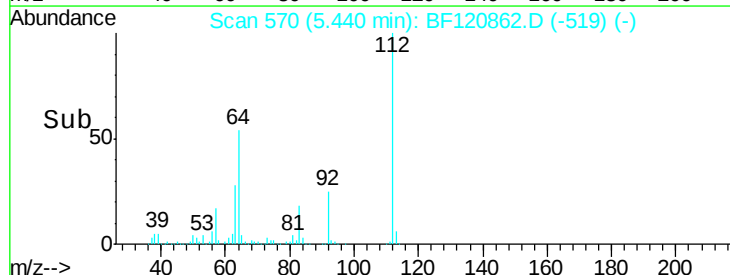
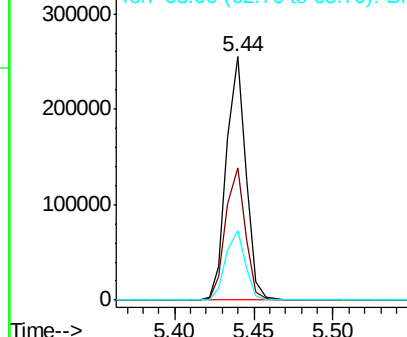
#5

2-Fluorophenol
 Concen: 18.512 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF120862.D
 Acq: 14 Jul 2020 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.8	65.6
63	28.5	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





#7

Phenol-d6

Concen: 18.085 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF120862.D

Acq: 14 Jul 2020 15:47

Instrument :

BNA_F

ClientSampleId :

T-3

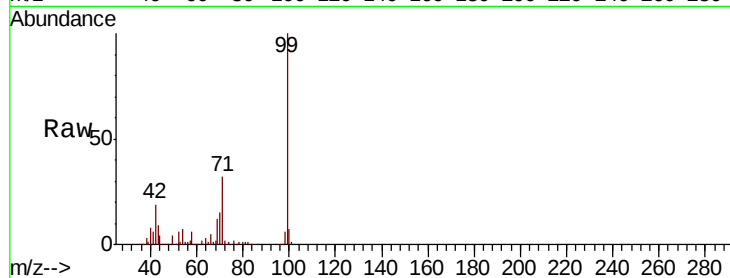
Tot Ion: 99 Resp: 271342

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

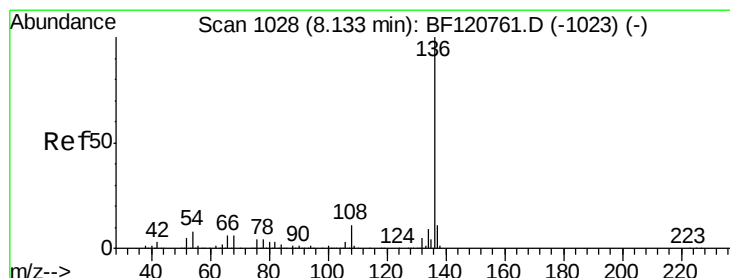
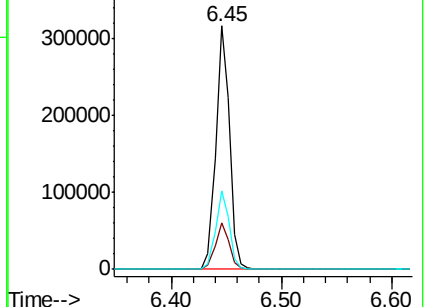
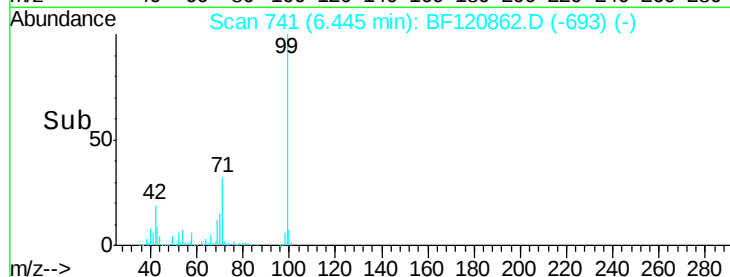
71 32.2 25.9 38.9



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF120862.D

Acq: 14 Jul 2020 15:47

Tgt Ion: 136 Resp: 706087

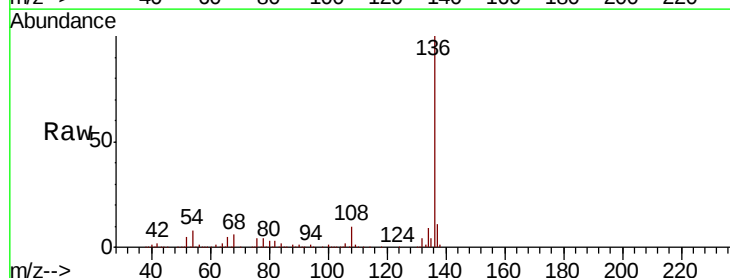
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.0 6.2 9.4

68 6.1 4.7 7.1

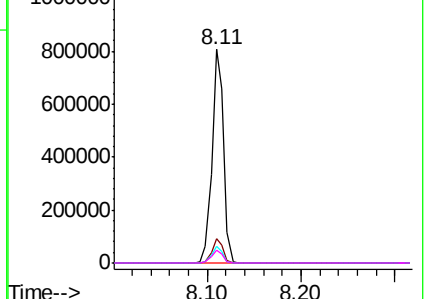
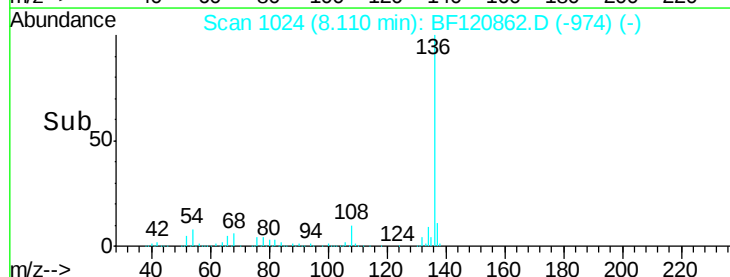


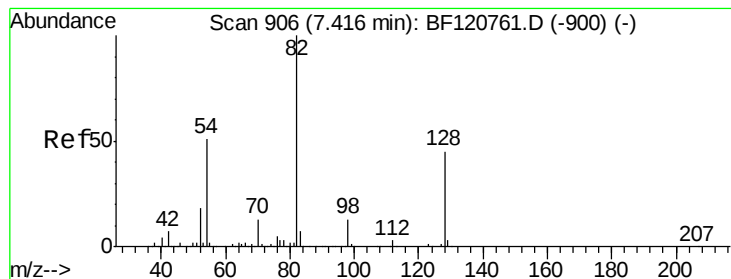
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.643 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF120862.D

Acq: 14 Jul 2020 15:47

Instrument :

BNA_F

ClientSampleId :

T-3

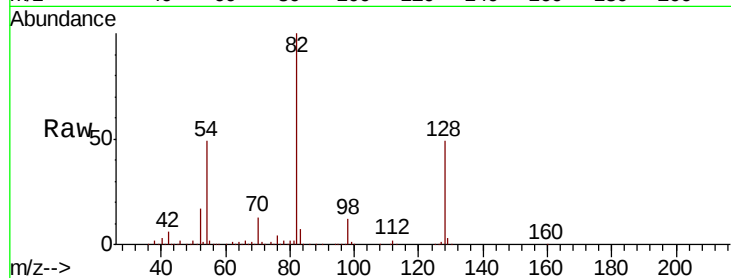
Tot Ion: 82 Resp: 799991

Ion Ratio Lower Upper

82 100

128 48.6 35.7 53.5

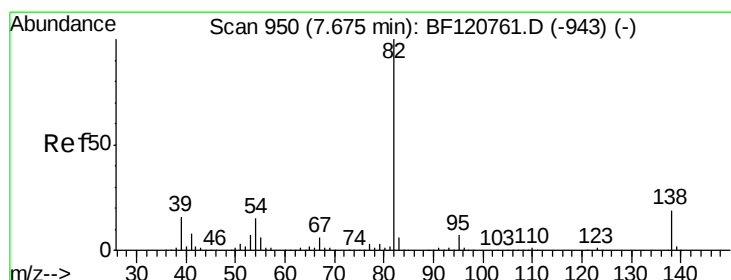
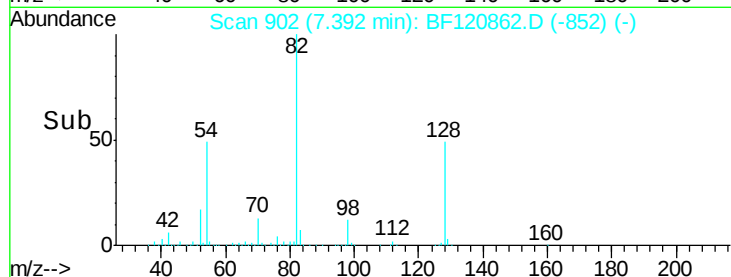
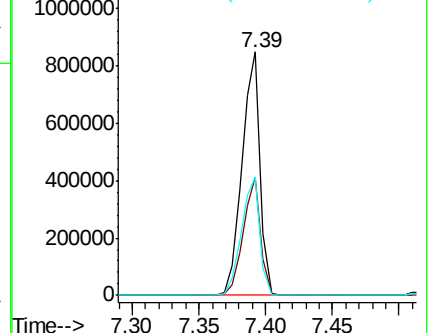
54 48.7 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 5.155 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF120862.D

Acq: 14 Jul 2020 15:47

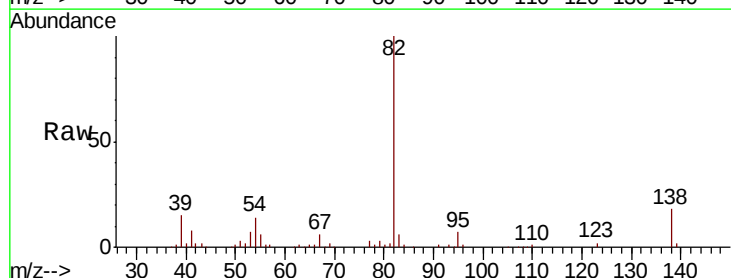
Tgt Ion: 82 Resp: 135485

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

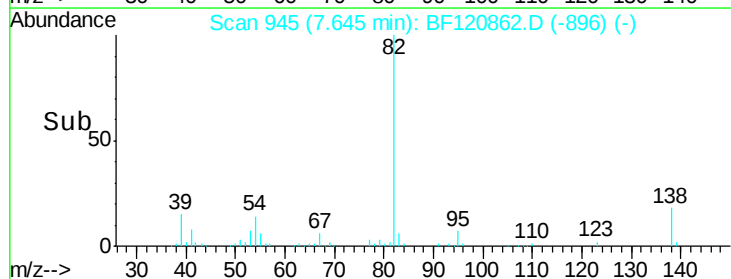
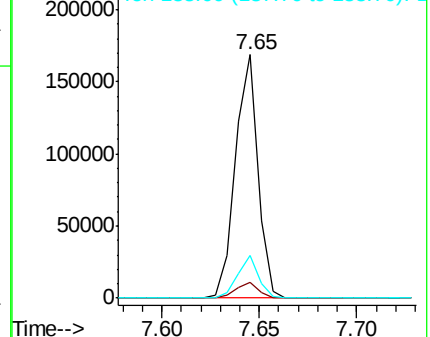
138 17.7 15.0 22.4

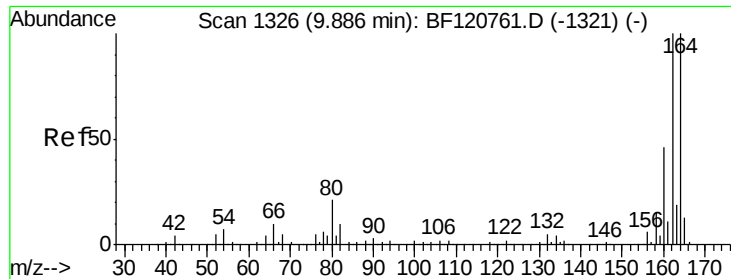


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

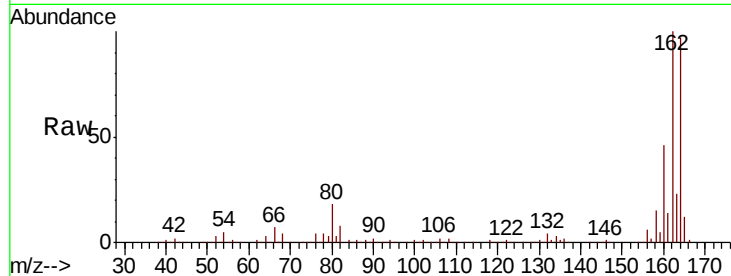




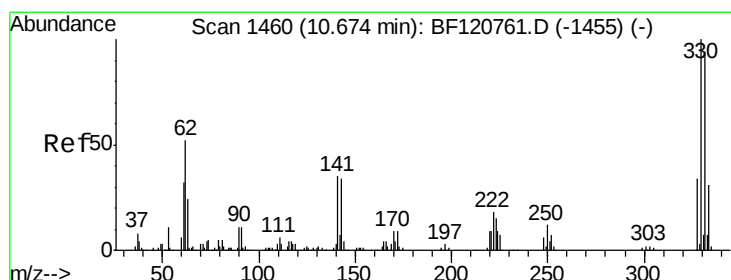
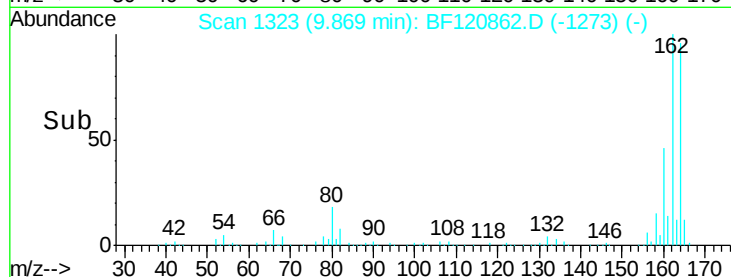
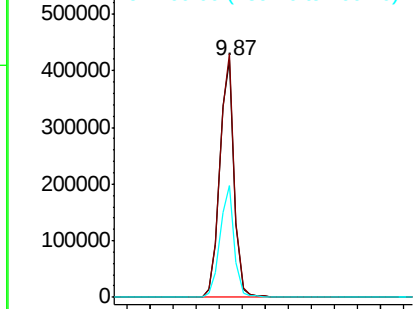
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120862.D
Acq: 14 Jul 2020 15:47

Instrument :
BNA_F
ClientSampled :
T-3

Tot Ion:164 Resp: 363061
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 46.9 36.9 55.3

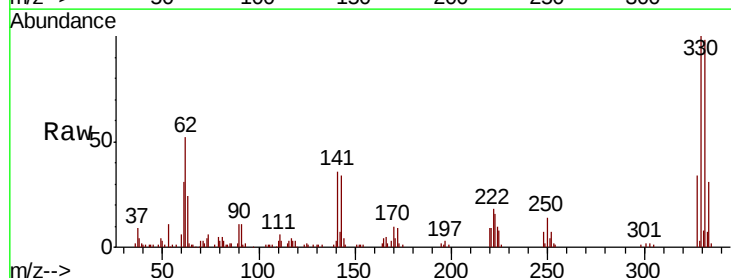


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

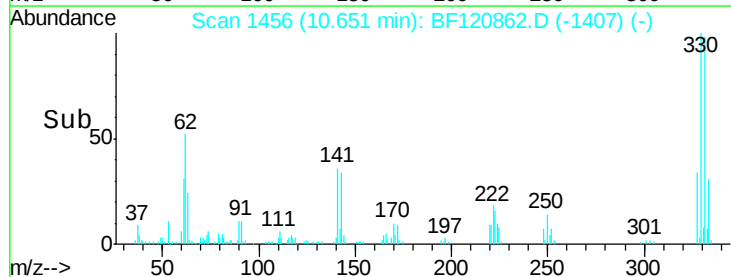
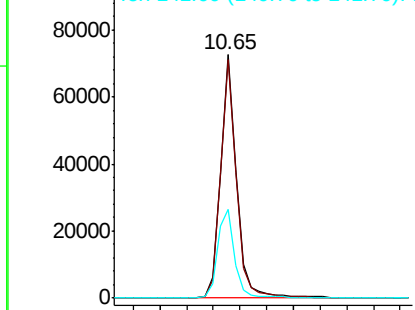


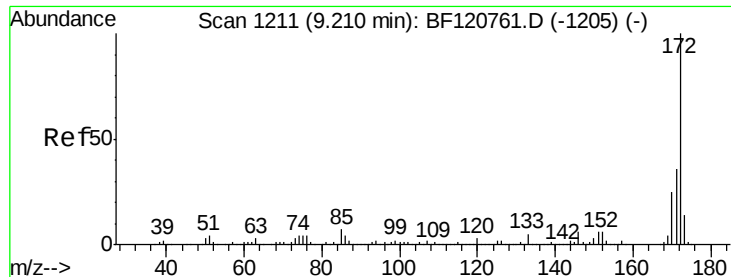
#42
2,4,6-Tribromophenol
Concen: 16.894 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF120862.D
Acq: 14 Jul 2020 15:47

Tgt Ion:330 Resp: 61619
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 38.9 29.7 44.5



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

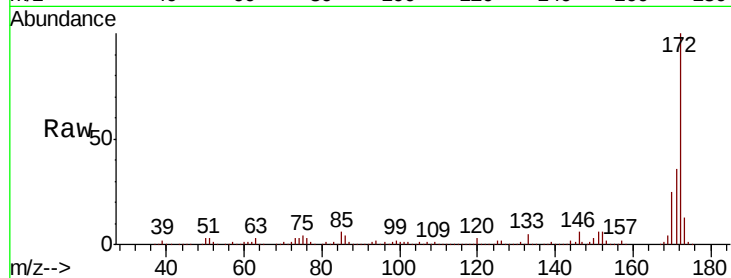




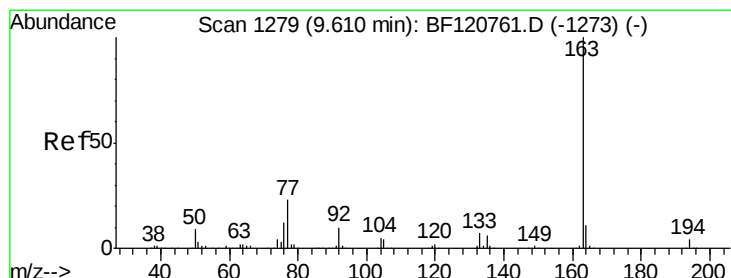
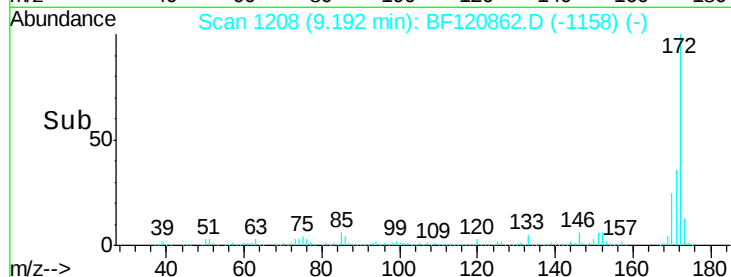
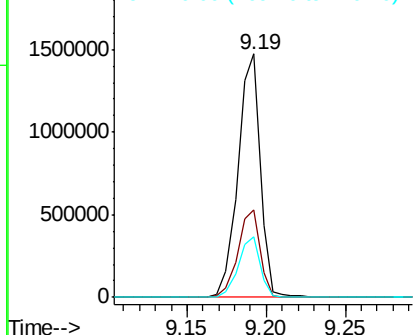
#45
2-Fluorobiphenyl
Concen: 59.806 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120862.D
Acq: 14 Jul 2020 15:47

Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 1435167
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.8 19.8 29.6

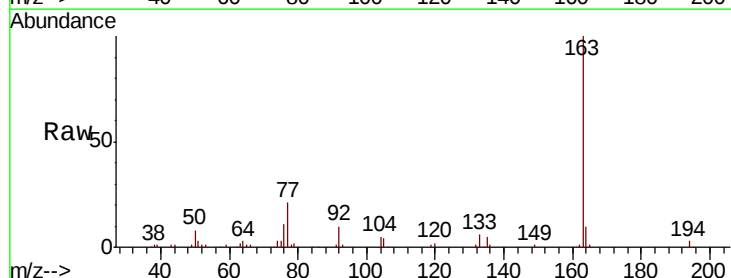


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

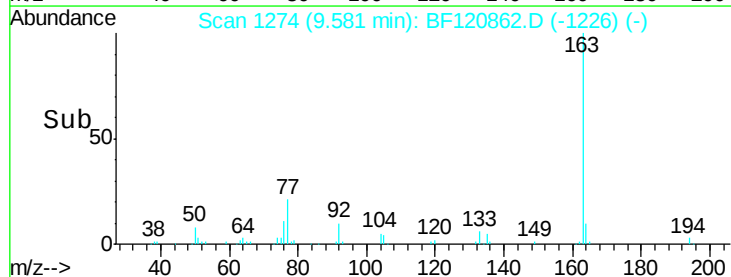
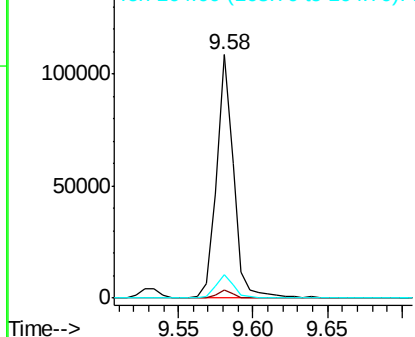


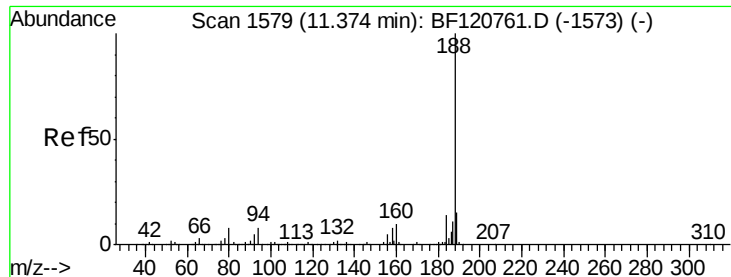
#50
Dimethylphthalate
Concen: 3.274 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120862.D
Acq: 14 Jul 2020 15:47

Tgt Ion:163 Resp: 86722
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 9.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

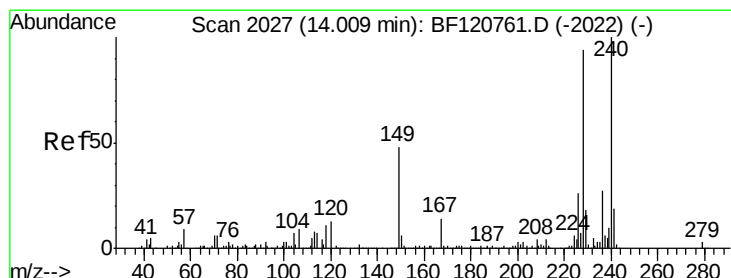
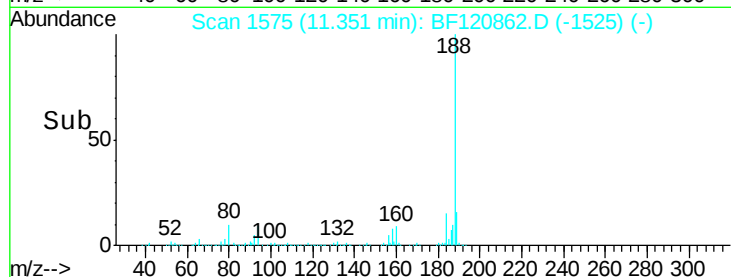
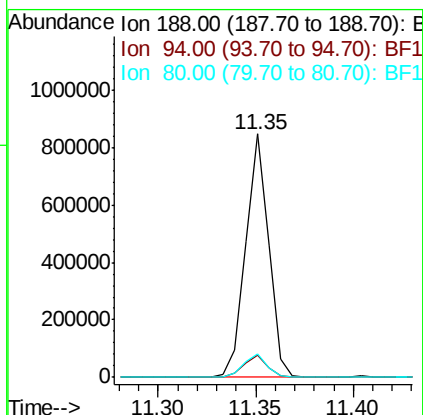
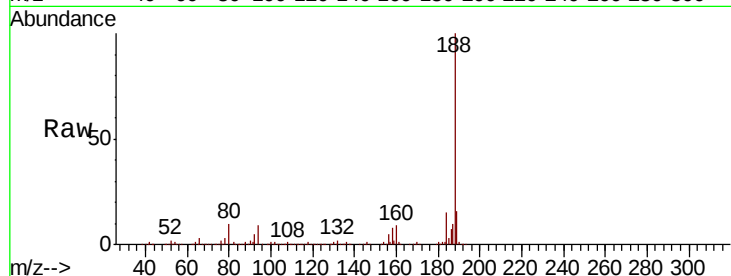




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120862.D
Acq: 14 Jul 2020 15:47

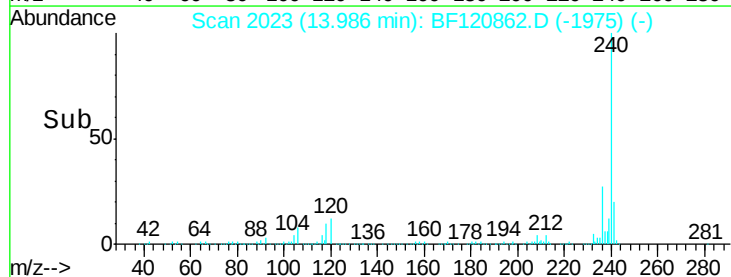
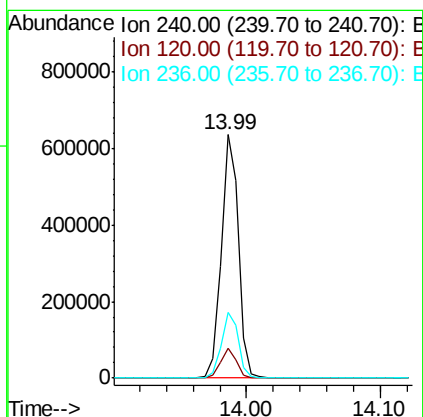
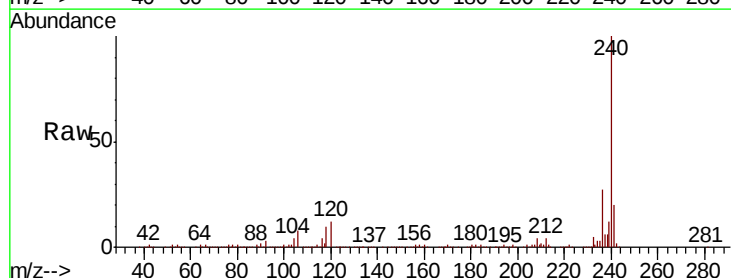
Instrument :
BNA_F
ClientSampled :
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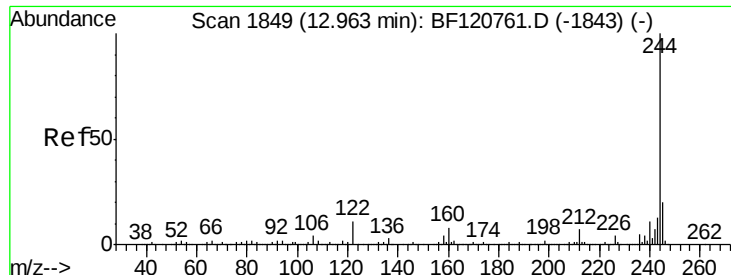
Tot Ion:188 Resp: 695506
Ion Ratio Lower Upper
188 100
94 9.3 6.6 9.8
80 9.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF120862.D
Acq: 14 Jul 2020 15:47

Tgt Ion:240 Resp: 574989
Ion Ratio Lower Upper
240 100
120 12.3 10.3 15.5
236 26.9 21.4 32.2





#79

Terphenyl-d14

Concen: 50.580 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF120862.D

Acq: 14 Jul 2020 15:47

Instrument :

BNA_F

ClientSampleId :

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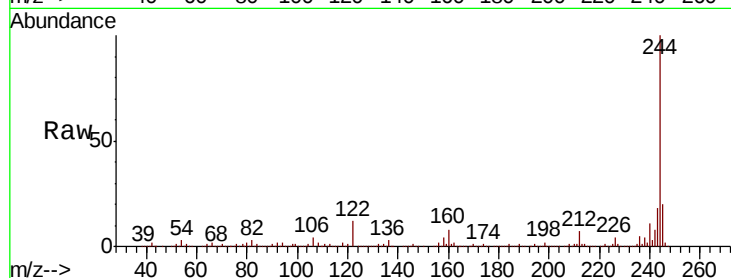
Tot Ion:244 Resp: 1485426

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

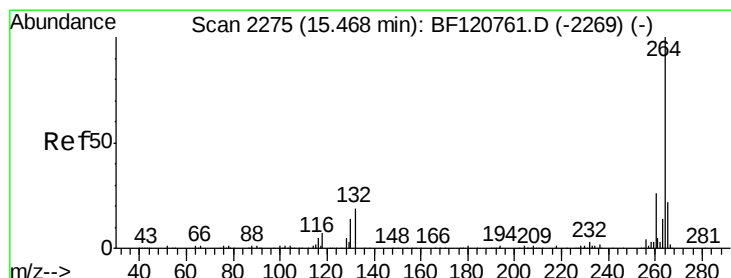
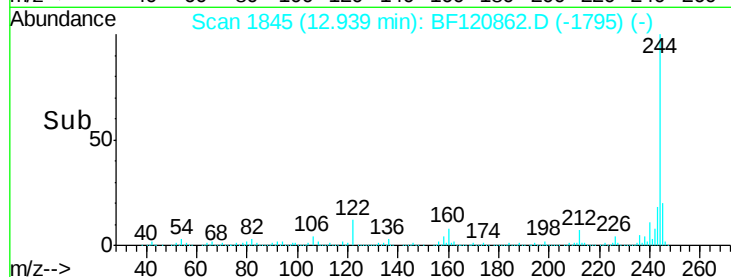
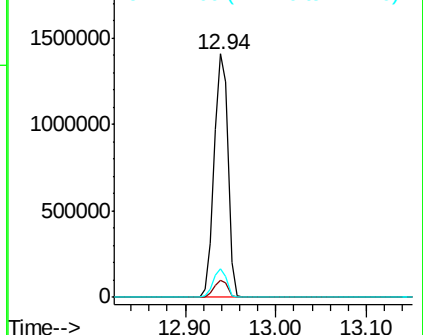
122 11.8 9.0 13.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF120862.D

Acq: 14 Jul 2020 15:47

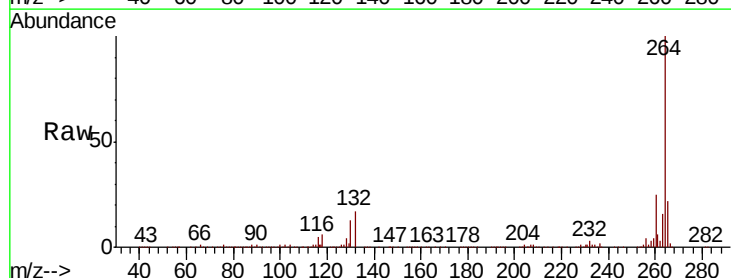
Tgt Ion:264 Resp: 520806

Ion Ratio Lower Upper

264 100

260 24.9 20.6 30.8

265 21.8 17.6 26.4



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

