

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120797.D
 Acq On : 7 Jul 2020 19:52
 Operator : JU/CG
 Sample : L3204-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WF-COMP

Quant Time: Jul 08 03:22:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

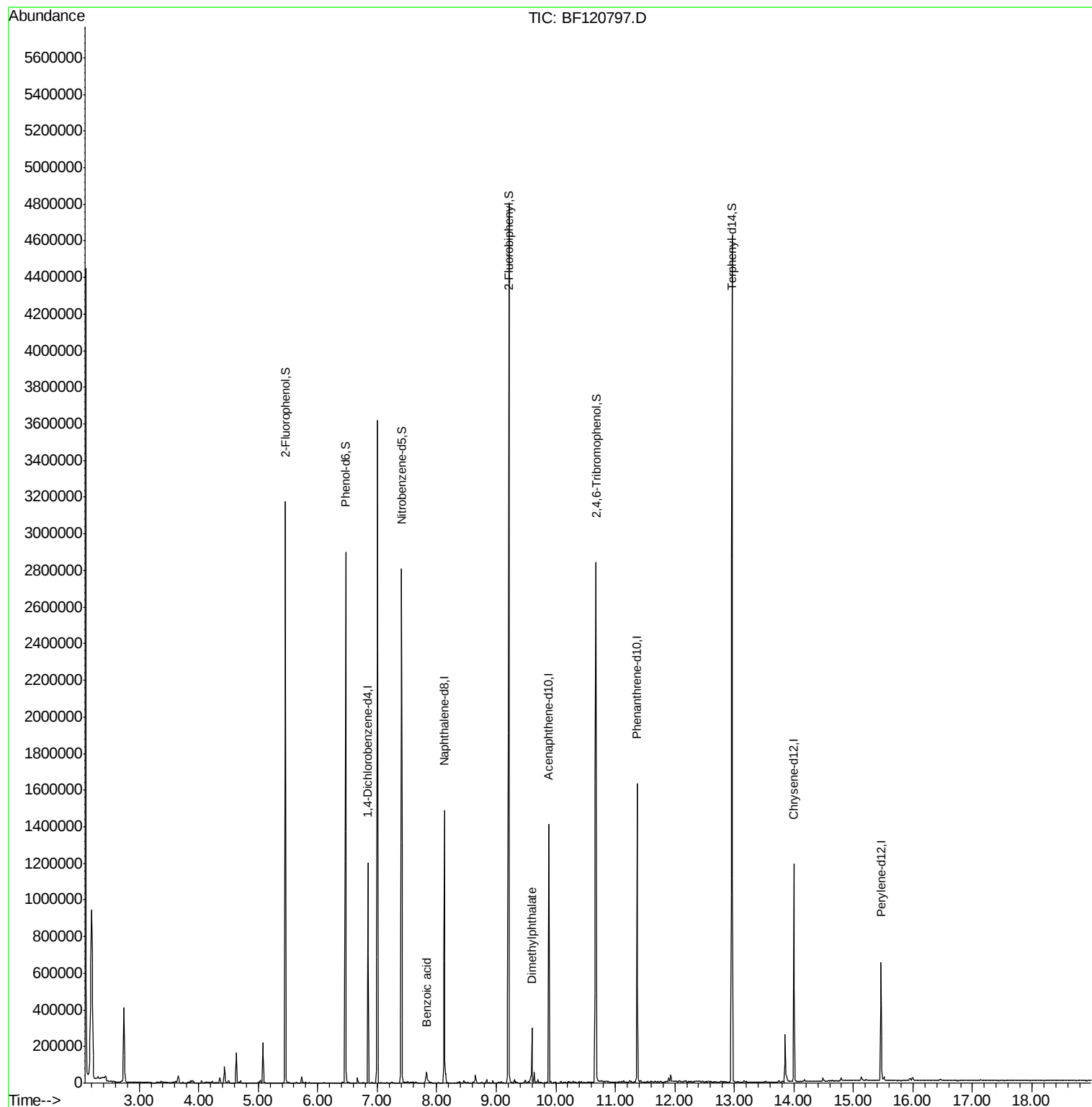
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149284	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	564370	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	284939	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	513775	20.00	ng	0.00
76) Chrysene-d12	14.00	240	344514	20.00	ng	0.00
86) Perylene-d12	15.46	264	281391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	969962	100.30	ng	0.00
7) Phenol-d6	6.47	99	1013801	82.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	908850	93.30	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	390816	136.52	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1530704	81.28	ng	0.00
79) Terphenyl-d14	12.96	244	1838768	104.50	ng	0.00
Target Compounds						
32) Benzoic acid	7.83	122	17865m	6.972	ng	Qvalue 97
50) Dimethylphthalate	9.60	163	97742	4.702	ng	

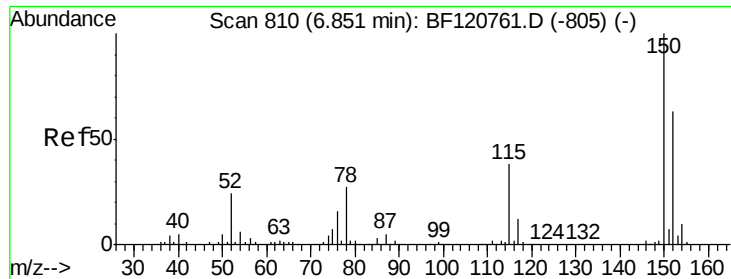
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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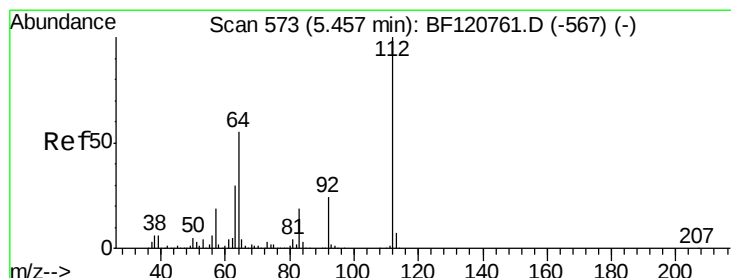
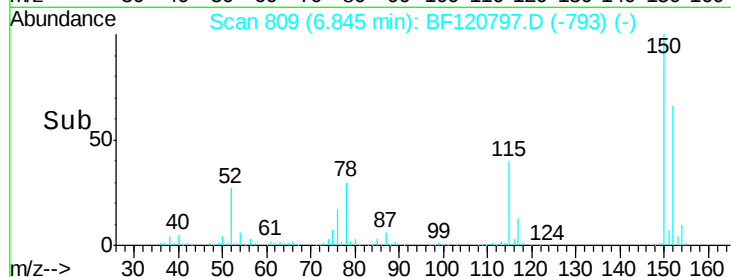
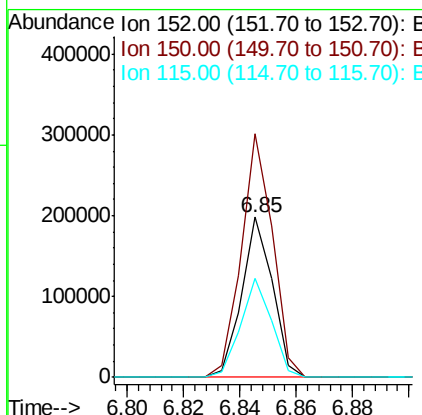
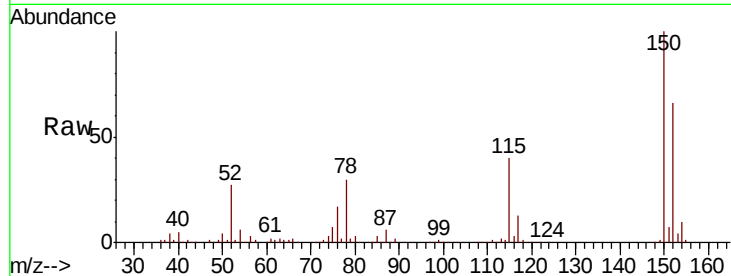




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120797.D
 Acq: 7 Jul 2020 19:52

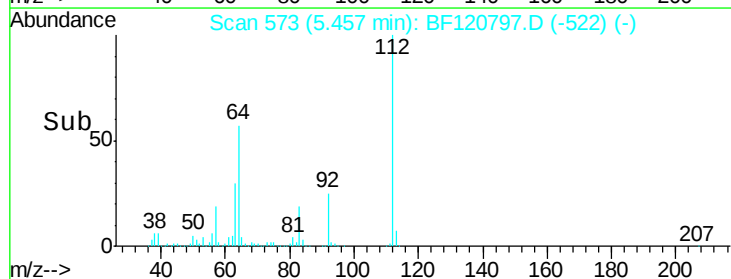
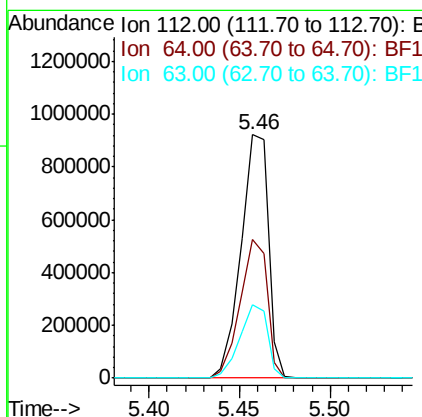
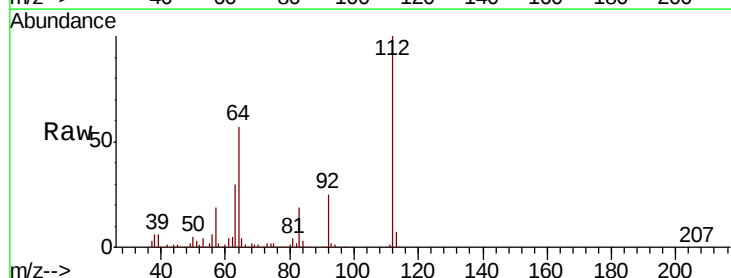
Instrument :
 BNA_F
 ClientSampleId :
 WF-COMP

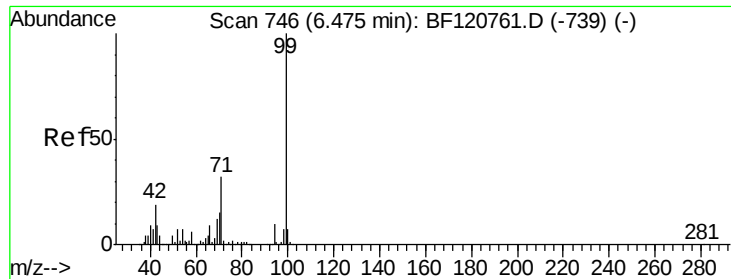
Tot Ion:152 Resp: 149284
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.1 189.1
 115 61.5 48.5 72.7



#5
 2-Fluorophenol
 Concen: 100.297 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF120797.D
 Acq: 7 Jul 2020 19:52

Tgt Ion:112 Resp: 969962
 Ion Ratio Lower Upper
 112 100
 64 57.1 43.8 65.6
 63 30.0 23.6 35.4





#7

Phenol-d6

Concen: 82.089 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120797.D

Acq: 7 Jul 2020 19:52

Instrument :

BNA_F

ClientSampleId :

WF-COMP

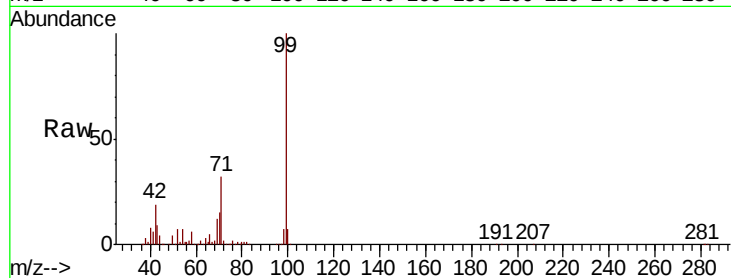
Tot Ion: 99 Resp: 1013801

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

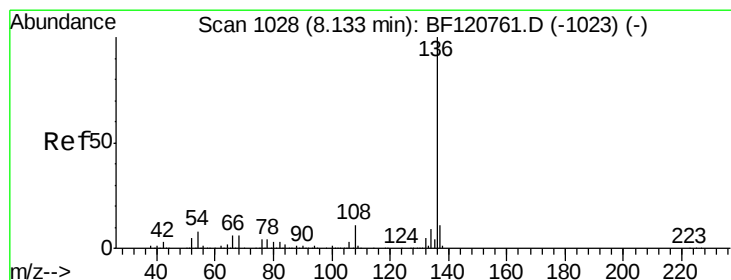
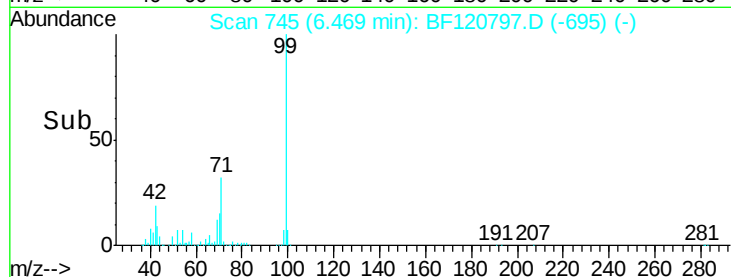
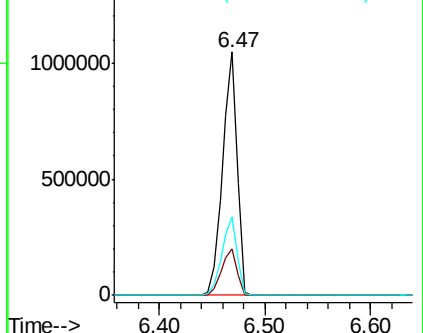
71 32.4 25.9 38.9



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120797.D

Acq: 7 Jul 2020 19:52

Tgt Ion: 136 Resp: 564370

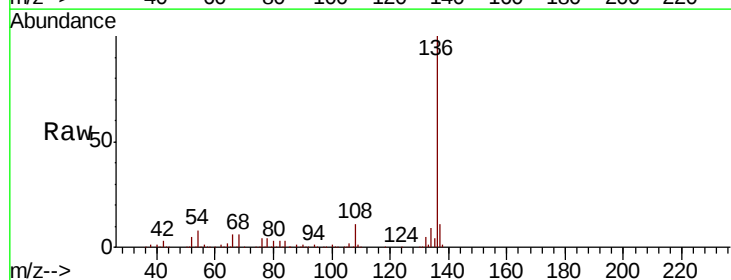
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.3 6.2 9.4

68 5.9 4.7 7.1

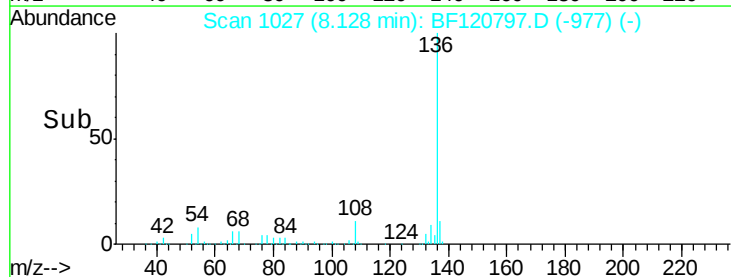
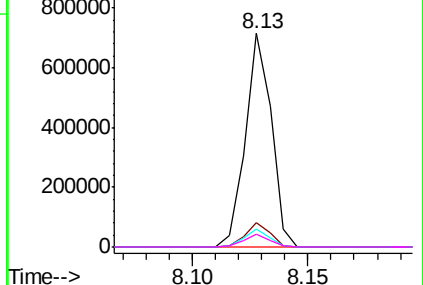


Abundance Ion 136.00 (135.70 to 136.70): E

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

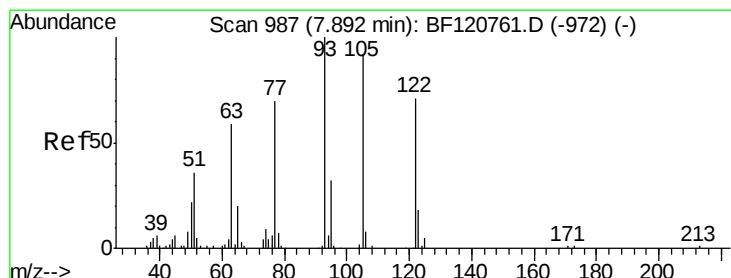
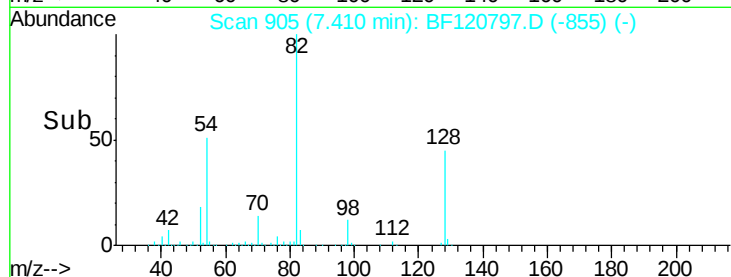
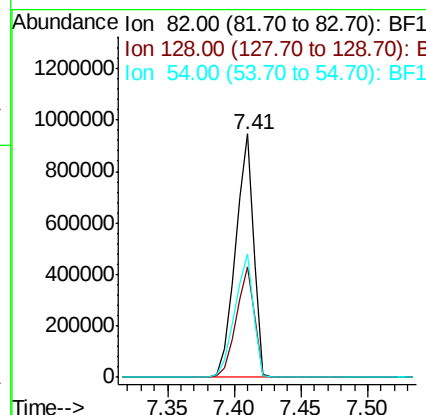
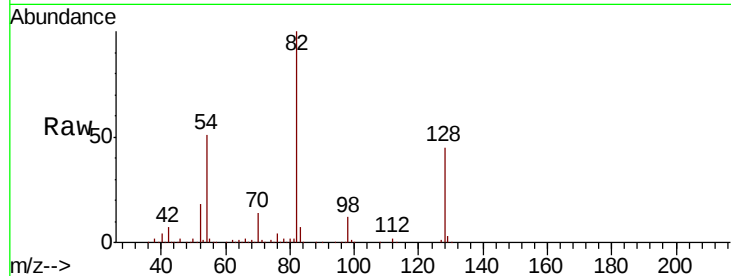




#23
 Nitrobenzene-d5
 Concen: 93.302 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120797.D
 Acq: 7 Jul 2020 19:52

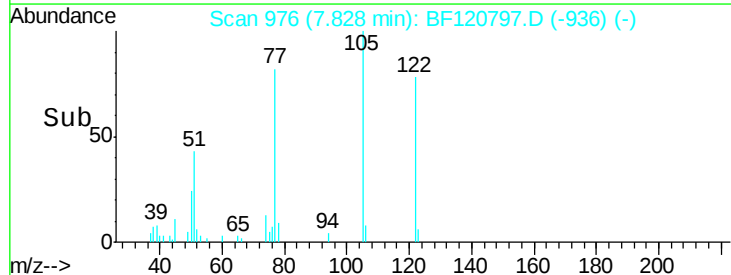
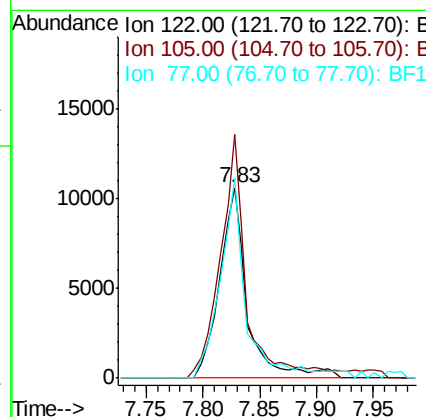
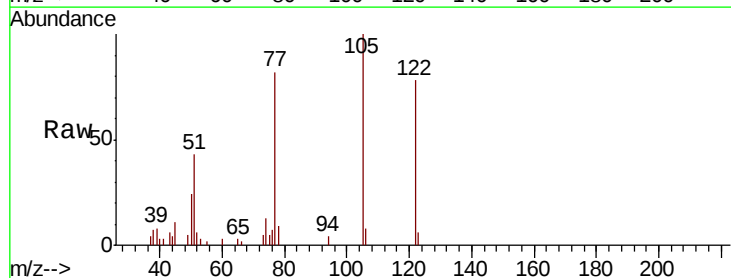
Instrument :
 BNA_F
 ClientSampleId :
 WF-COMP

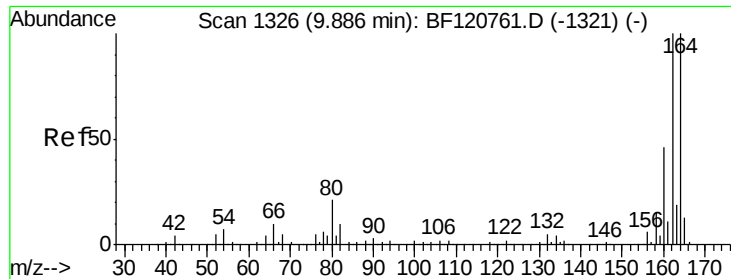
Tot Ion	82	Resp	908850
Ion Ratio	Lower	Upper	
82	100		
128	45.4	35.7	53.5
54	50.8	40.9	61.3



#32
 Benzoic acid
 Concen: 6.972 ng m
 RT: 7.83 min Scan# 976
 Delta R.T. -0.06 min
 Lab File: BF120797.D
 Acq: 7 Jul 2020 19:52

Tgt Ion	122	Resp	17865
Ion Ratio	Lower	Upper	
122	100		
105	128.1	105.8	145.8
77	105.3	77.3	117.3

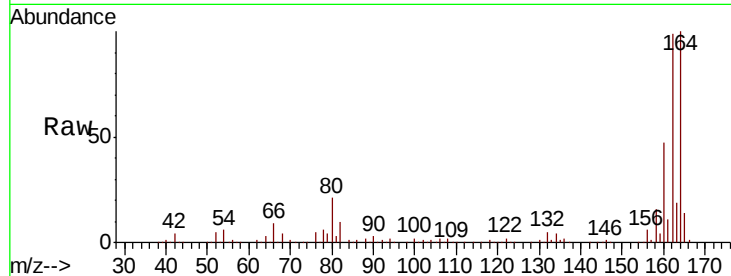




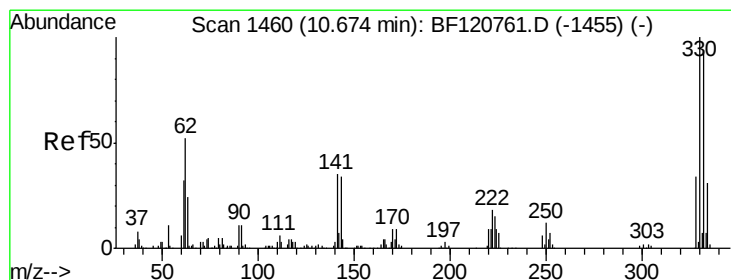
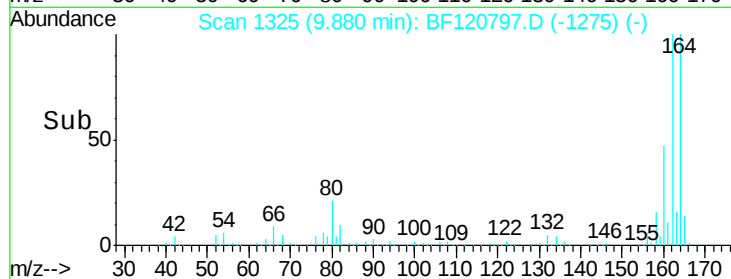
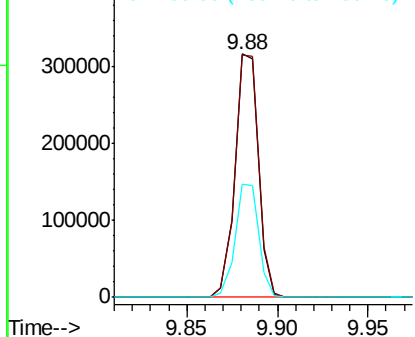
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF120797.D
Acq: 7 Jul 2020 19:52

Instrument :
BNA_F
ClientSampleId :
WF-COMP

Tot Ion:164 Resp: 284939
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 46.6 36.9 55.3

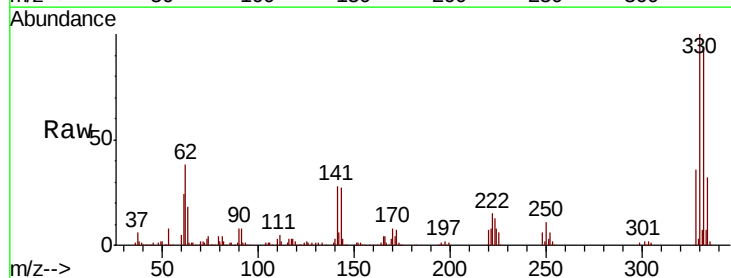


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

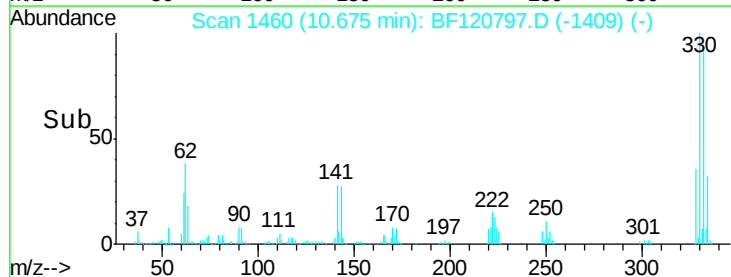
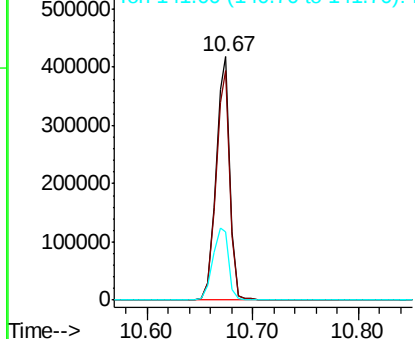


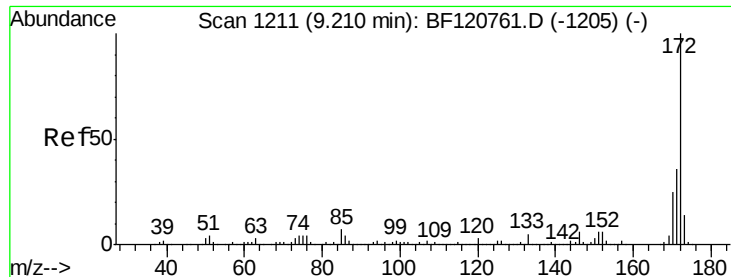
#42
2,4,6-Tribromophenol
Concen: 136.524 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120797.D
Acq: 7 Jul 2020 19:52

Tgt Ion:330 Resp: 390816
Ion Ratio Lower Upper
330 100
332 94.8 75.8 113.6
141 34.3 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

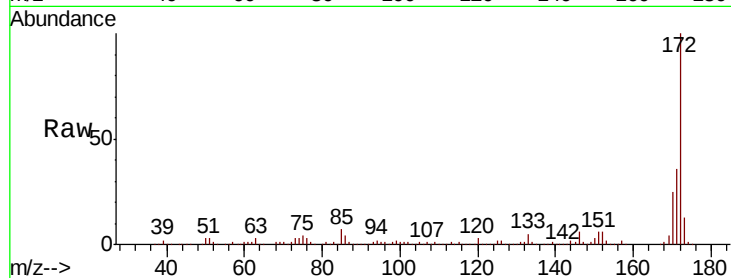




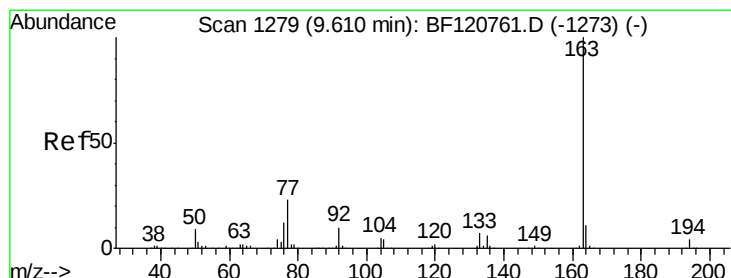
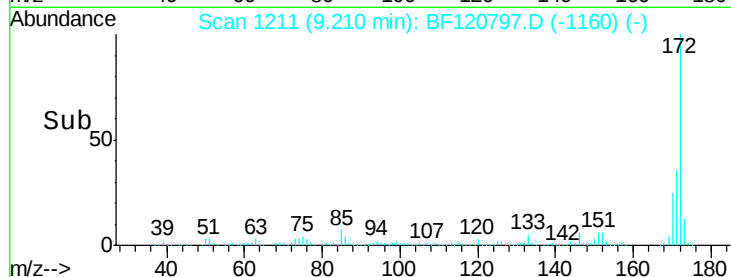
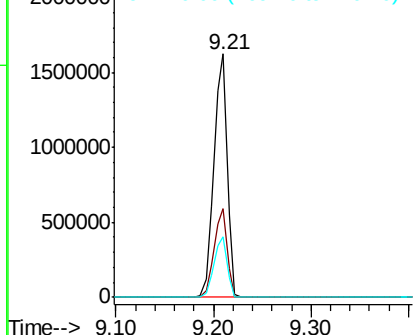
#45
2-Fluorobiphenyl
Concen: 81.276 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120797.D
Acq: 7 Jul 2020 19:52

Instrument :
BNA_F
ClientSampleId :
WF-COMP

Tot Ion:172 Resp: 1530704
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 25.1 19.8 29.6

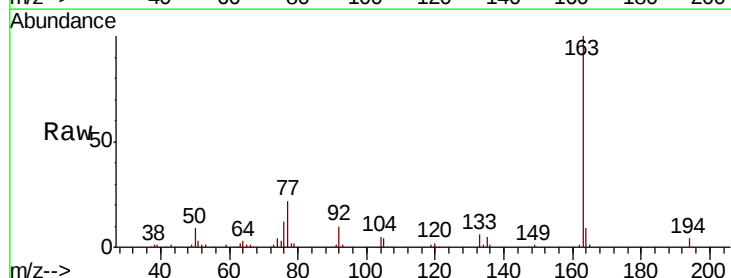


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

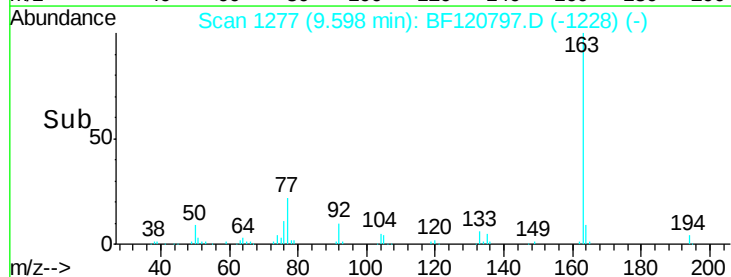
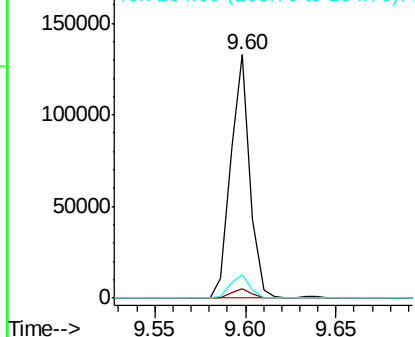


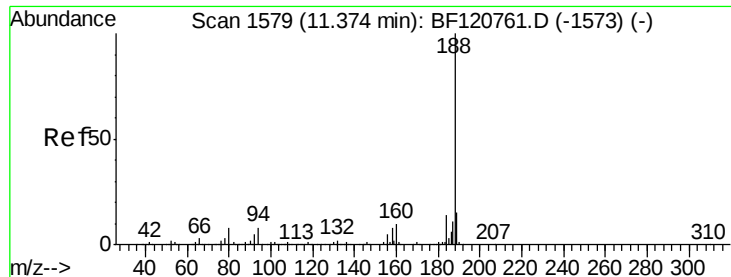
#50
Dimethylphthalate
Concen: 4.702 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120797.D
Acq: 7 Jul 2020 19:52

Tgt Ion:163 Resp: 97742
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.4 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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120797.D

Acq: 7 Jul 2020 19:52

Instrument :

BNA_F

ClientSampleId :

WF-COMP

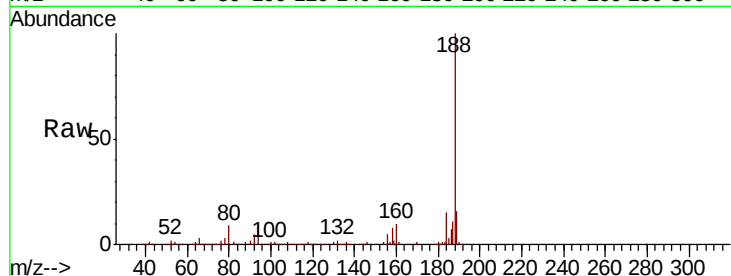
Tot Ion:188 Resp: 513775

Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

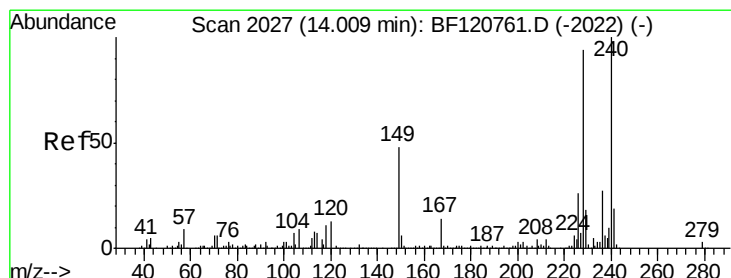
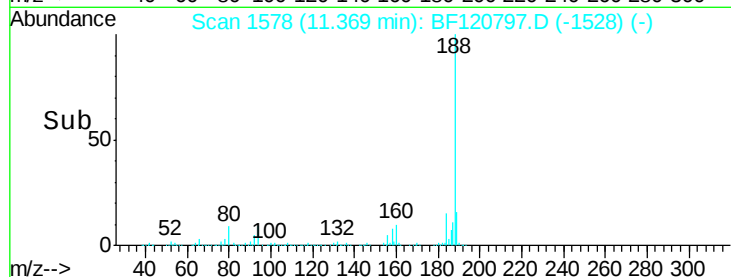
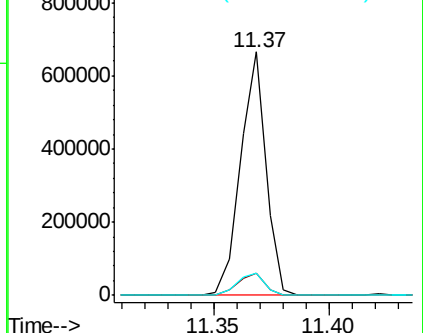
80 9.2 6.6 10.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120797.D

Acq: 7 Jul 2020 19:52

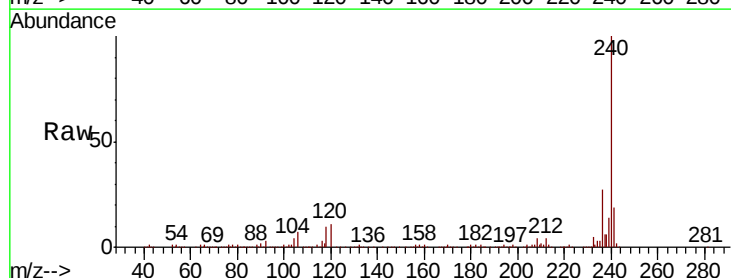
Tgt Ion:240 Resp: 344514

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

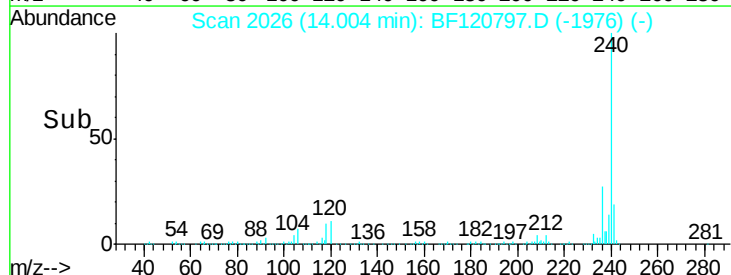
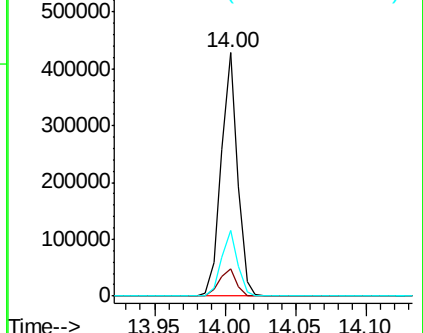
236 27.2 21.4 32.2

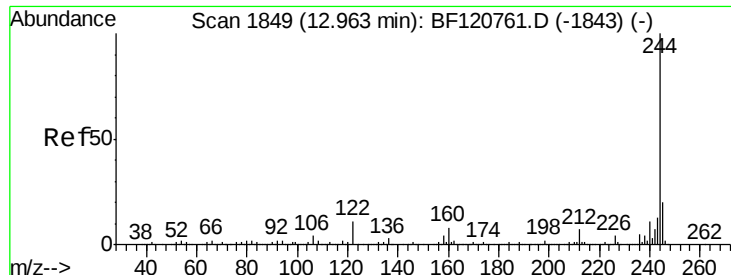


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.498 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120797.D

Acq: 7 Jul 2020 19:52

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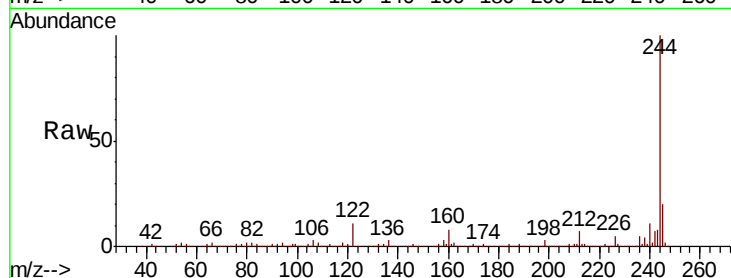
Tot Ion:244 Resp: 1838768

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

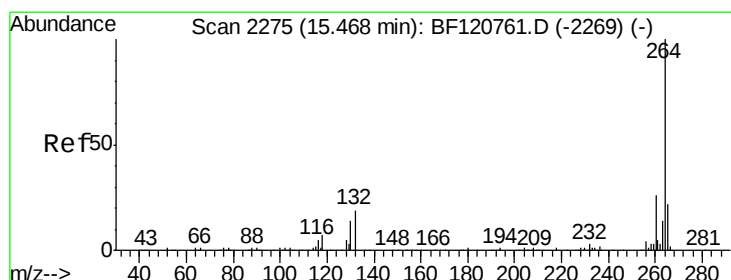
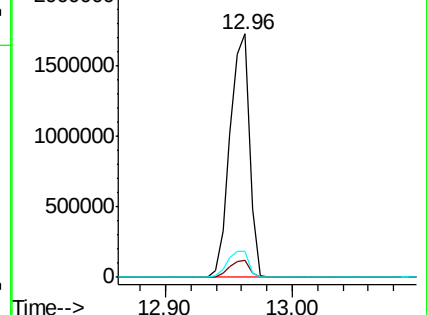
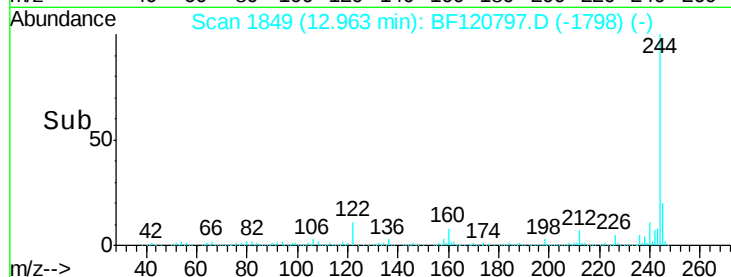
122 10.7 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF120797.D

Acq: 7 Jul 2020 19:52

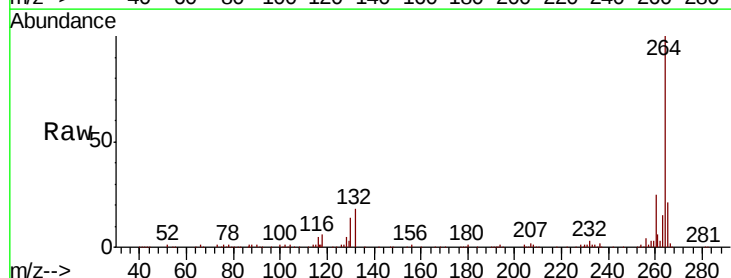
Tgt Ion:264 Resp: 281391

Ion Ratio Lower Upper

264 100

260 24.8 20.6 30.8

265 21.1 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

