

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120837.D
 Acq On : 10 Jul 2020 18:07
 Operator : JU/CG
 Sample : L3255-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-31

Quant Time: Jul 10 18:58:37 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

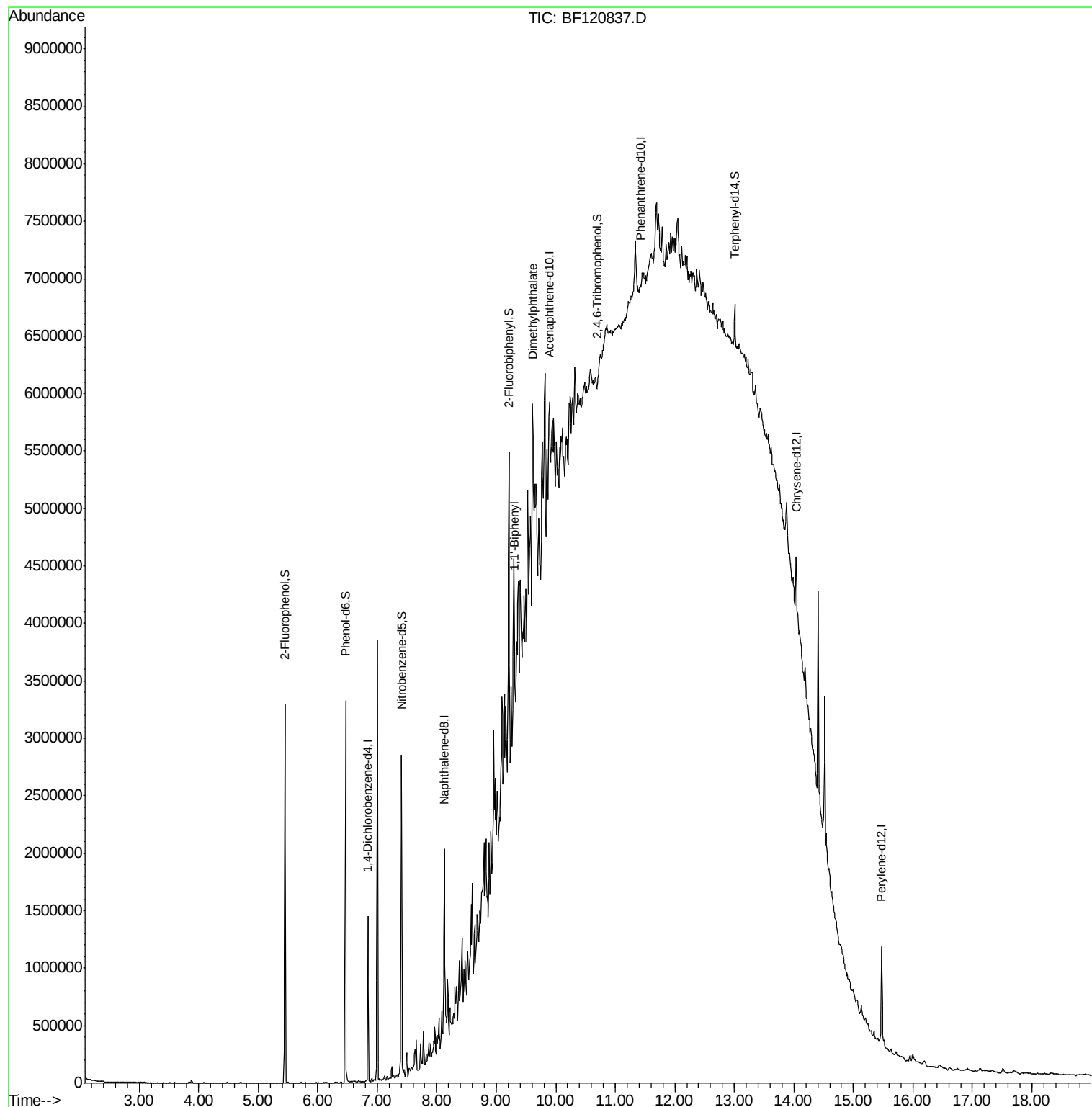
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	192189	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	679231	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	170137	20.00	ng	0.01
64) Phenanthrene-d10	11.42	188	125530	20.00	ng	0.05
76) Chrysene-d12	14.04	240	273064	20.00	ng	0.03
86) Perylene-d12	15.47	264	388794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	984460	79.07	ng	0.00
7) Phenol-d6	6.47	99	1302909	81.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	903327	77.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	124503	72.84	ng	0.02
45) 2-Fluorobiphenyl	9.22	172	1218122	108.32	ng	0.00
79) Terphenyl-d14	13.00	244	565164	40.52	ng	0.04
Target Compounds						
46) 1,1'-Biphenyl	9.31	154	38642	2.816	ng	94
50) Dimethylphthalate	9.60	163	117058	9.432	ng	# 62

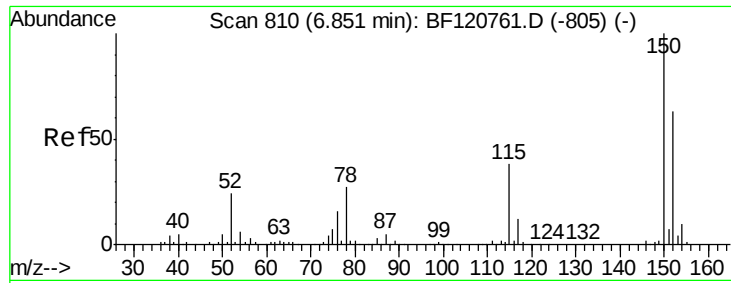
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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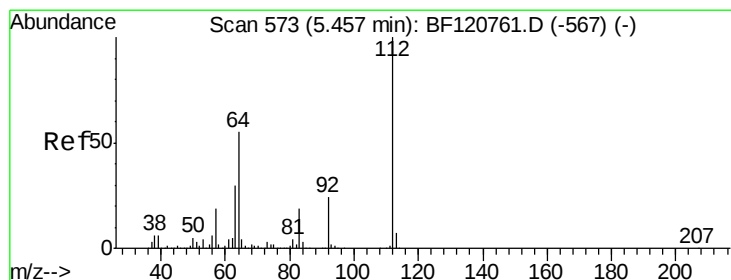
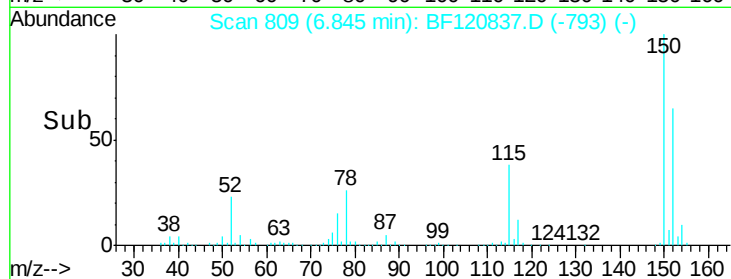
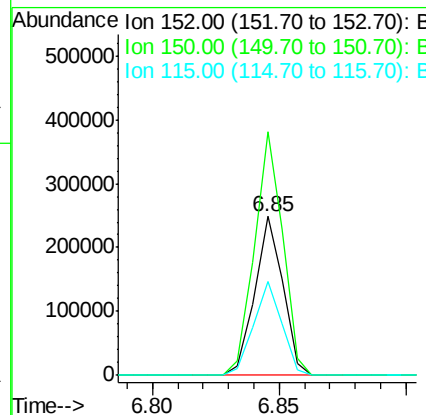
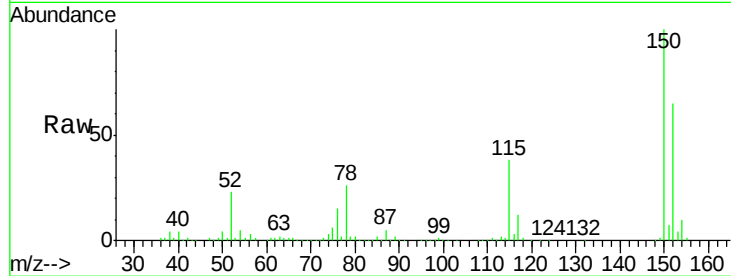


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120837.D
Acq: 10 Jul 2020 18:07

Instrument :
BNA_F
ClientSampleId :
CHRT-31

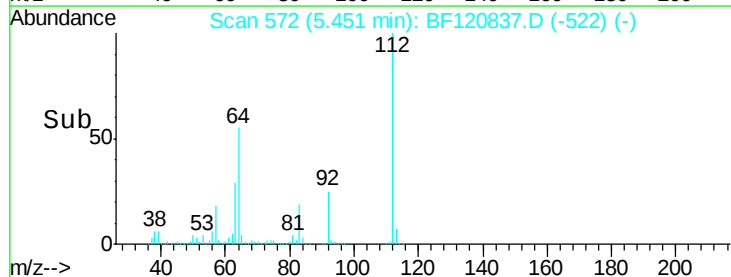
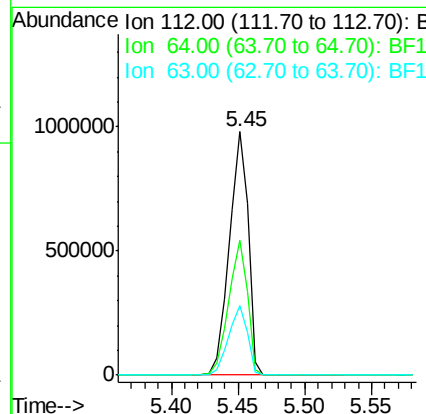
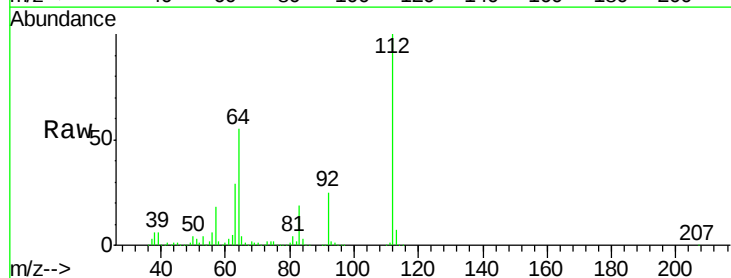
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.1	189.1
115	58.9	48.5	72.7

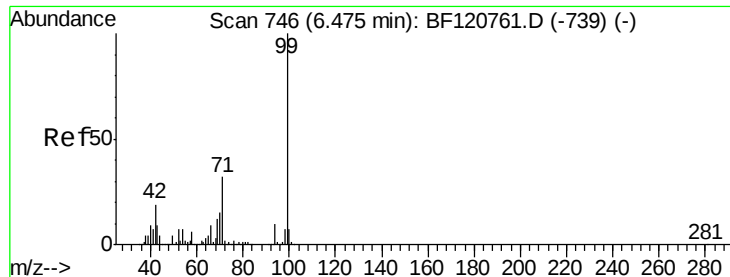


#5

2-Fluorophenol
Concen: 79.071 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF120837.D
Acq: 10 Jul 2020 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.8	65.6
63	28.6	23.6	35.4





#7

Phenol-d6

Concen: 81.946 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CHRT-31

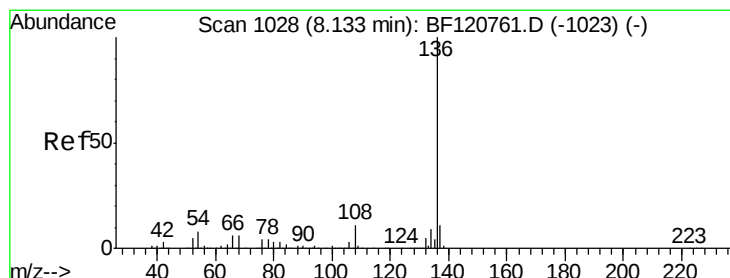
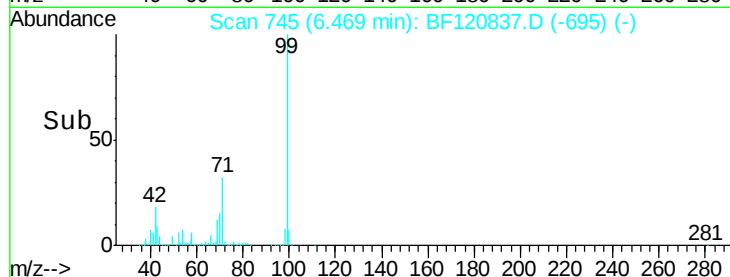
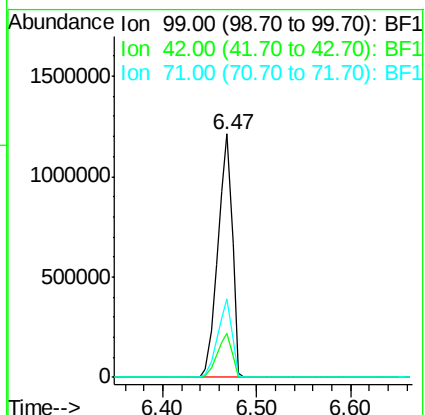
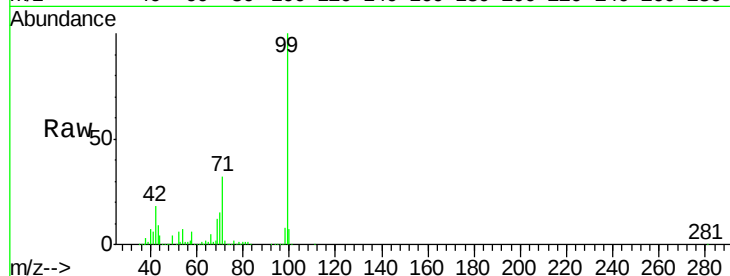
Tot Ion: 99 Resp: 1302909

Ion Ratio Lower Upper

99 100

42 18.0 15.4 23.0

71 32.4 25.9 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

Tgt Ion: 136 Resp: 679231

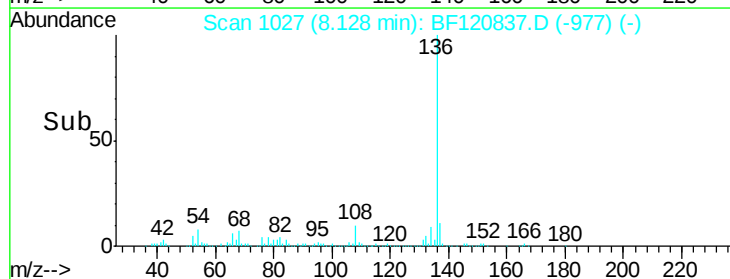
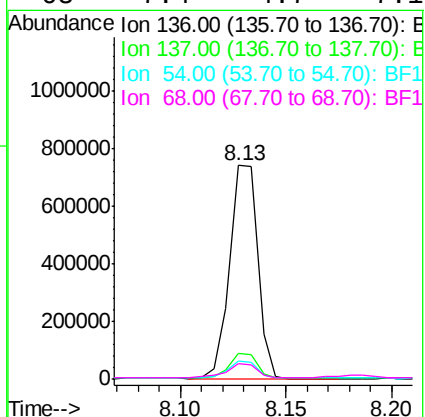
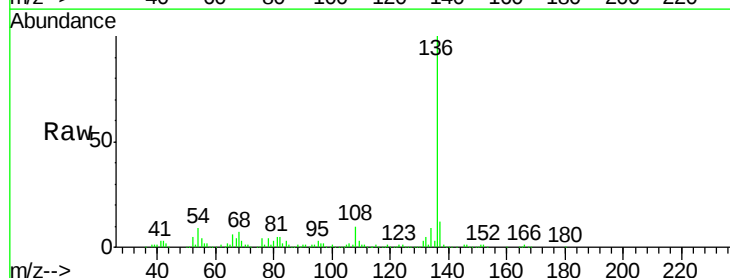
Ion Ratio Lower Upper

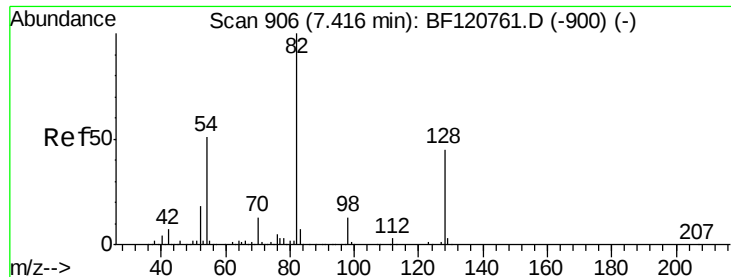
136 100

137 11.8 9.0 13.6

54 8.7 6.2 9.4

68 7.4 4.7 7.1#

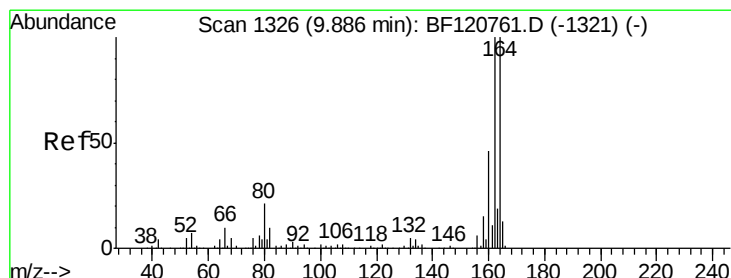
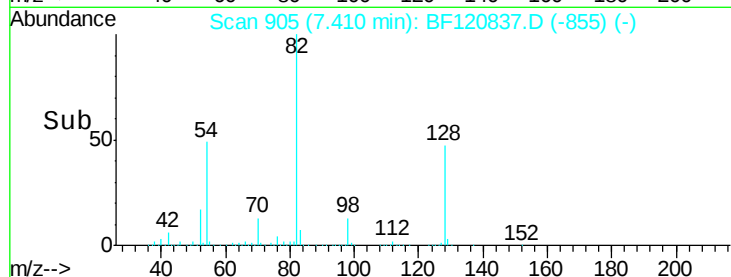
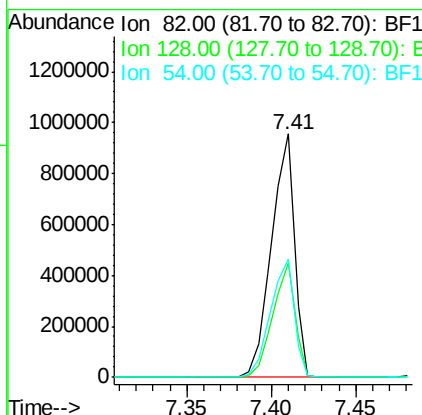
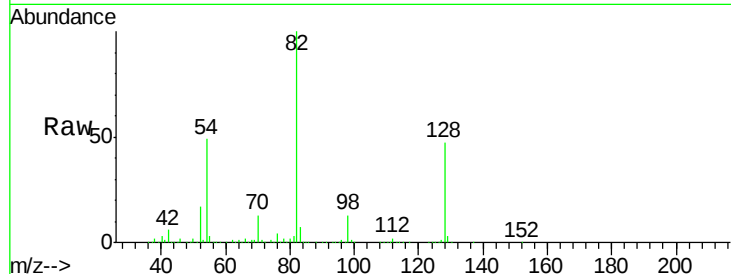




#23
 Nitrobenzene-d5
 Concen: 77.053 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120837.D
 Acq: 10 Jul 2020 18:07

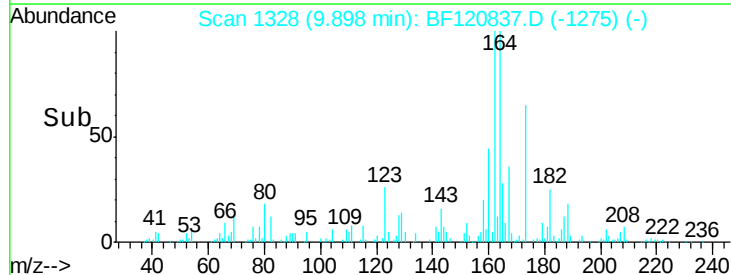
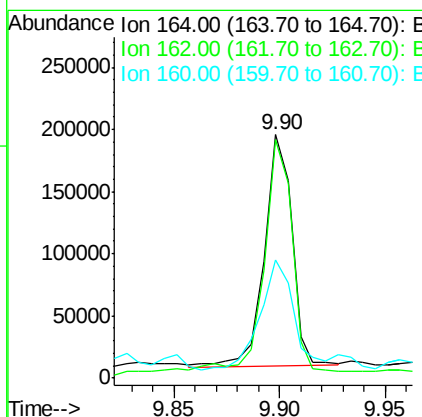
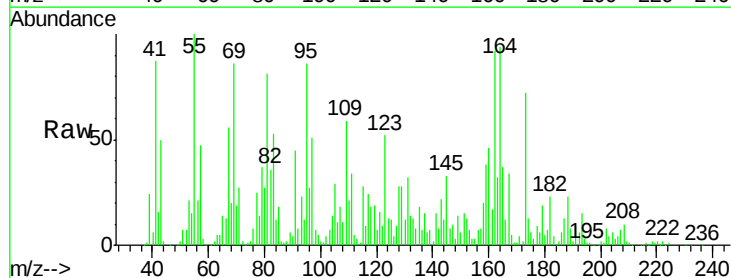
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-31

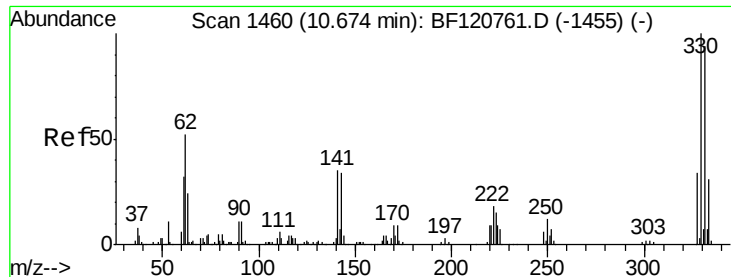
Tot Ion	82	Resp	903327
Ion Ratio	100	Lower	Upper
128	47.1	35.7	53.5
54	48.8	40.9	61.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF120837.D
 Acq: 10 Jul 2020 18:07

Tgt Ion	164	Resp	170137
Ion Ratio	100	Lower	Upper
162	98.0	80.2	120.2
160	48.7	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 72.840 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.02 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CHRT-31

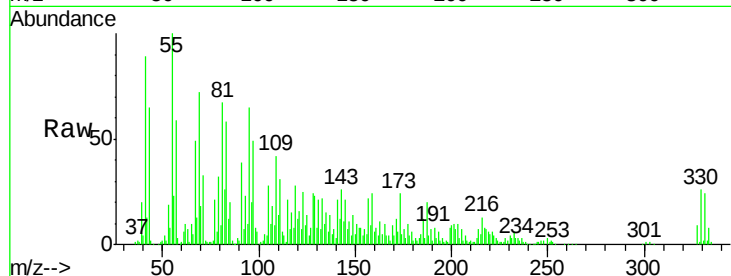
Tot Ion:330 Resp: 124503

Ion Ratio Lower Upper

330 100

332 95.4 75.8 113.6

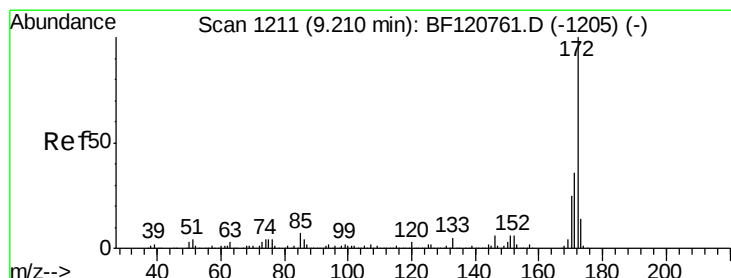
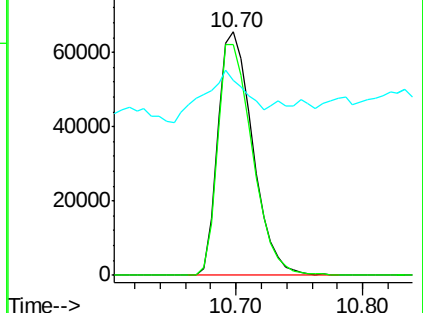
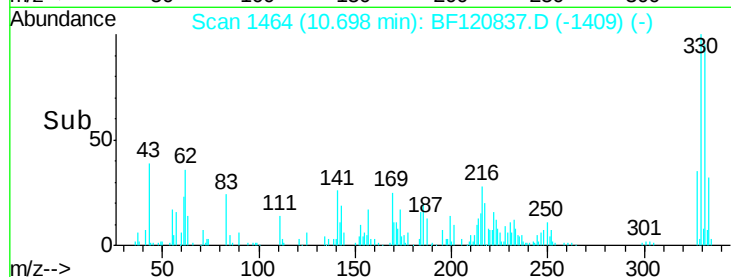
141 25.8 29.7 44.5#



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: 108.322 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

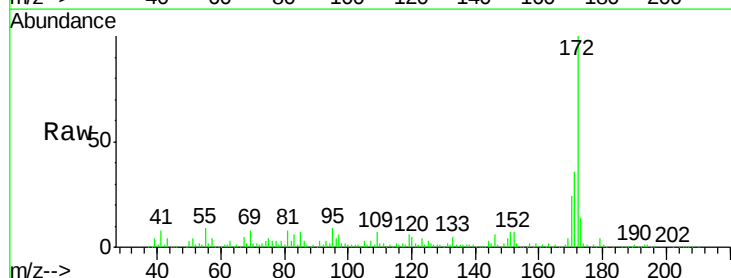
Tgt Ion:172 Resp: 1218122

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

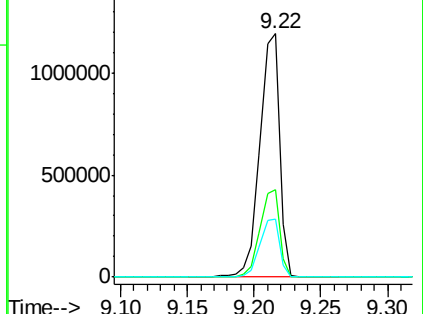
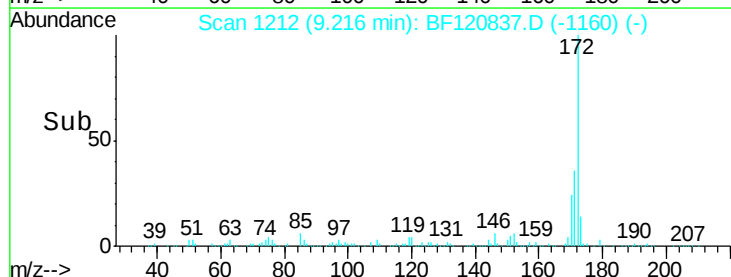
170 24.1 19.8 29.6

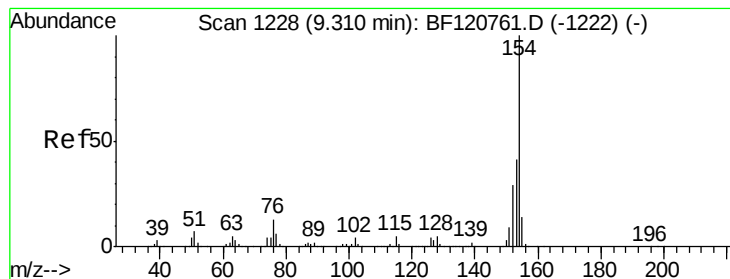


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 2.816 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CHRT-31

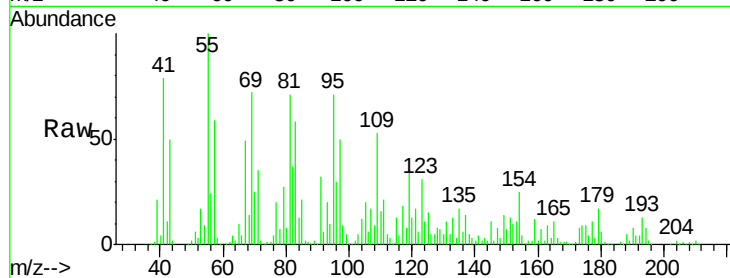
Tot Ion:154 Resp: 38642

Ion Ratio Lower Upper

154 100

153 44.1 20.7 60.7

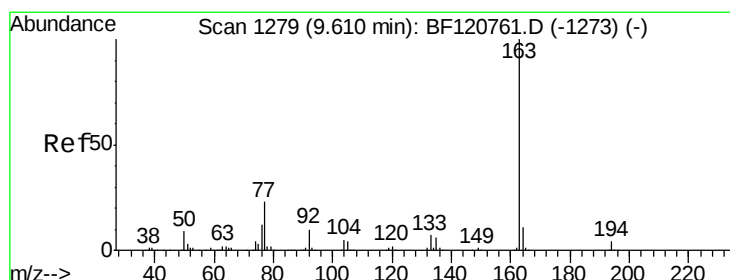
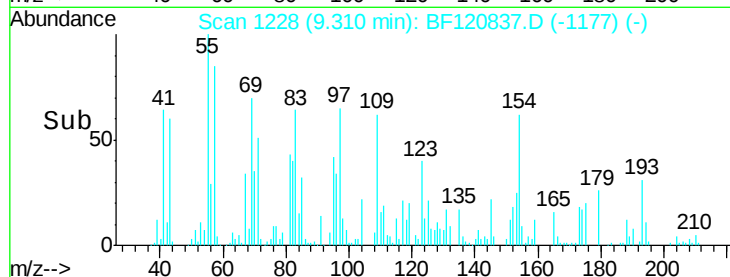
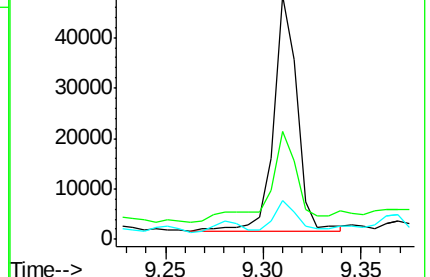
76 15.7 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#50

Dimethylphthalate

Concen: 9.432 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

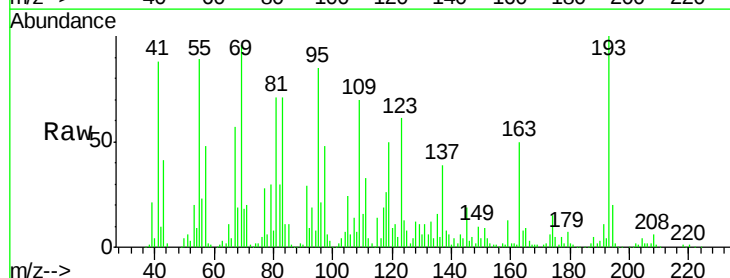
Tgt Ion:163 Resp: 117058

Ion Ratio Lower Upper

163 100

194 39.4 2.9 4.3#

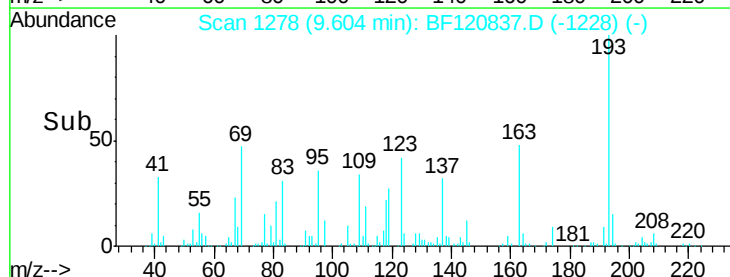
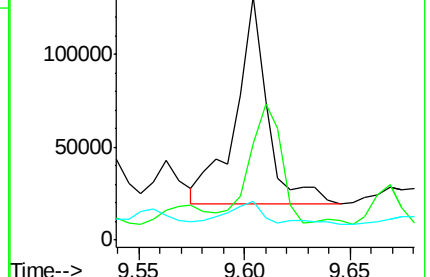
164 16.0 8.5 12.7#

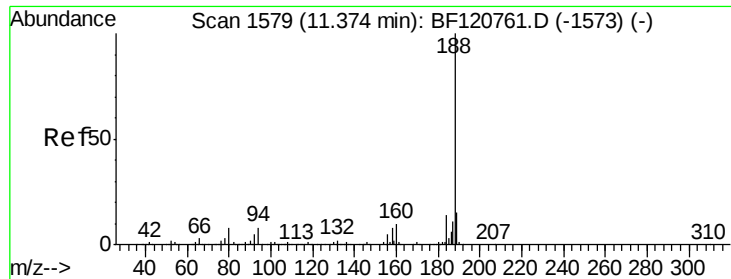


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.42 min Scan# 1587

Delta R.T. 0.05 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CHRT-31

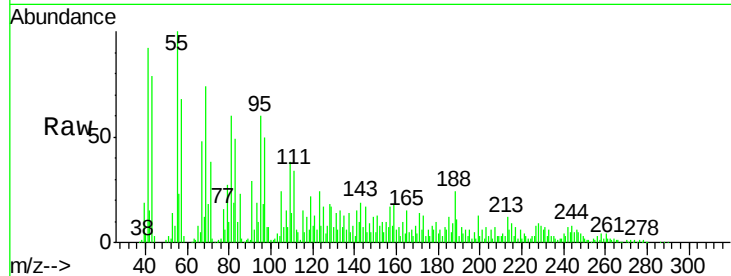
Tot Ion:188 Resp: 125530

Ion Ratio Lower Upper

188 100

94 40.2 6.6 9.8#

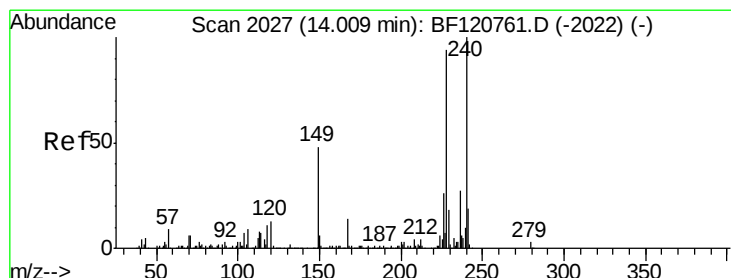
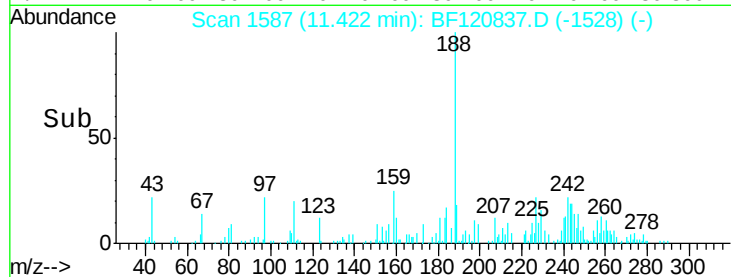
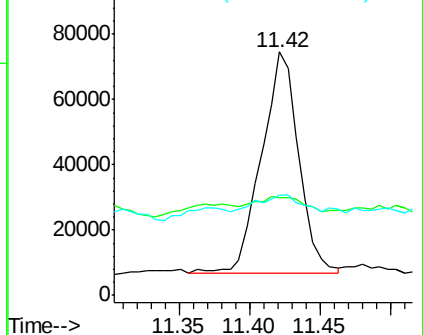
80 41.3 6.6 10.0#



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: 14.04 min Scan# 2032

Delta R.T. 0.03 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

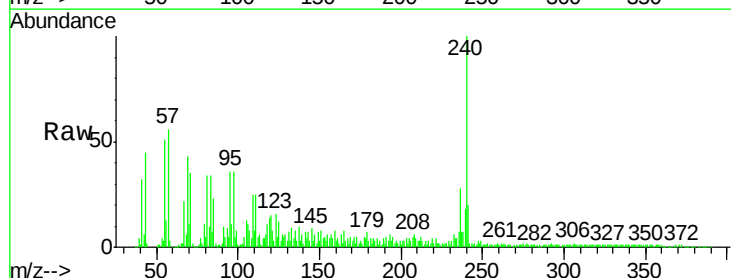
Tgt Ion:240 Resp: 273064

Ion Ratio Lower Upper

240 100

120 14.6 10.3 15.5

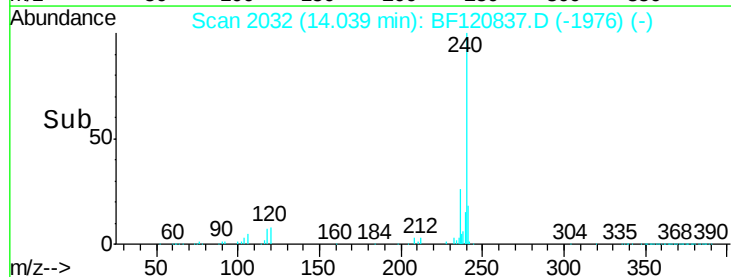
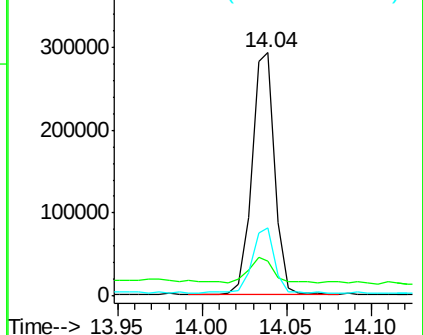
236 27.9 21.4 32.2

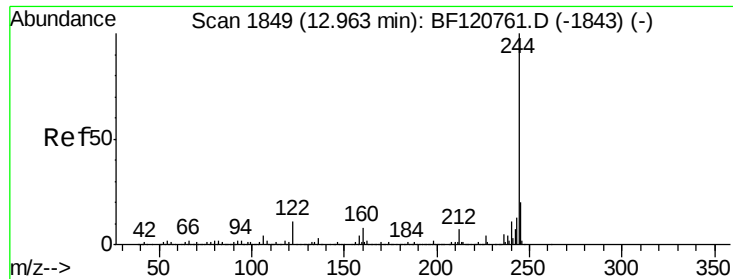


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 40.523 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.04 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CHRT-31

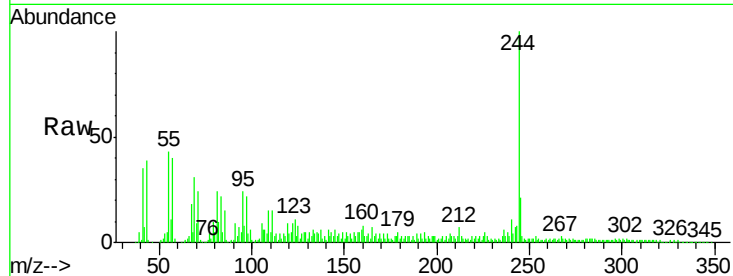
Tot Ion:244 Resp: 565164

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

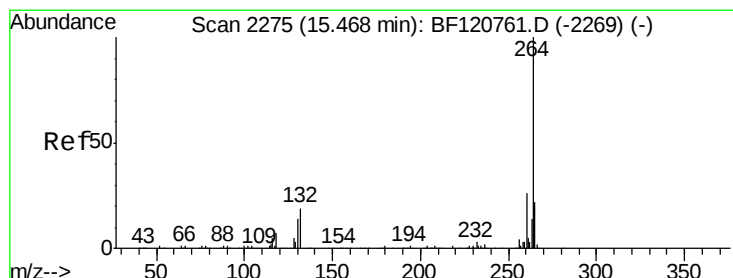
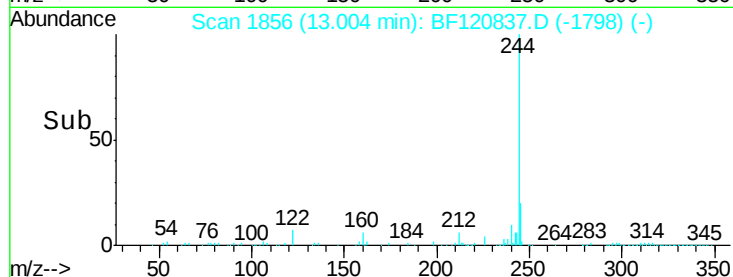
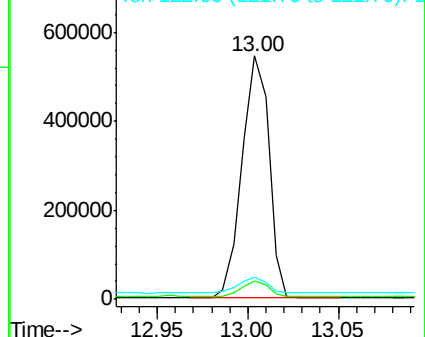
122 9.1 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF120837.D

Acq: 10 Jul 2020 18:07

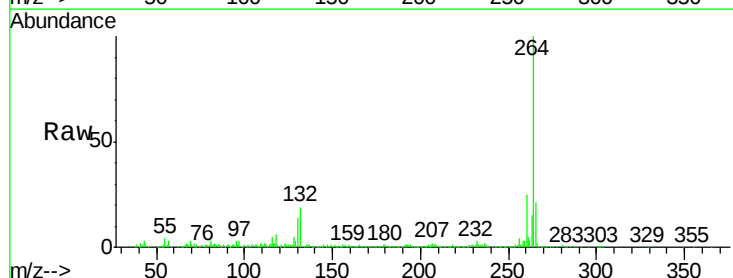
Tgt Ion:264 Resp: 388794

Ion Ratio Lower Upper

264 100

260 25.1 20.6 30.8

265 20.9 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

