

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118728.D
 Acq On : 29 Jan 2020 13:46
 Operator : CG/JU
 Sample : L1289-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-29-30-COMP

Quant Time: Jan 30 00:23:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

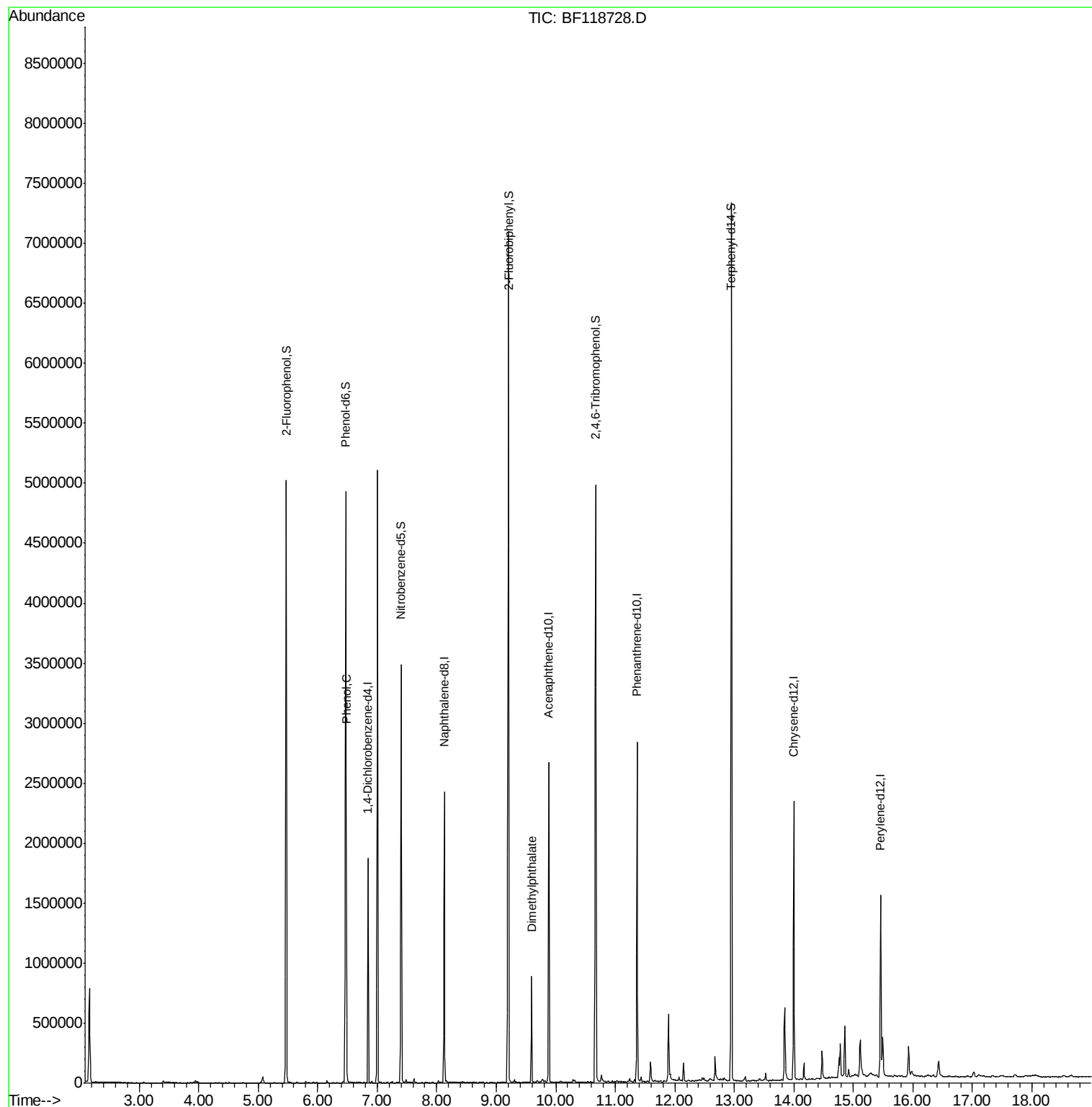
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	289814	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1085891	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	611890	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1130571	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	793052	20.00	ng	-0.02
87) Perylene-d12	15.46	264	722418	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1522705	97.58	ng	0.00
7) Phenol-d6	6.47	99	1884854	92.93	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1211023	62.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	694279	98.10	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2354413	63.24	ng	-0.02
79) Terphenyl-d14	12.95	244	2687965	73.93	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	111215	4.812	ng	96
50) Dimethylphthalate	9.59	163	358172	8.985	ng	99

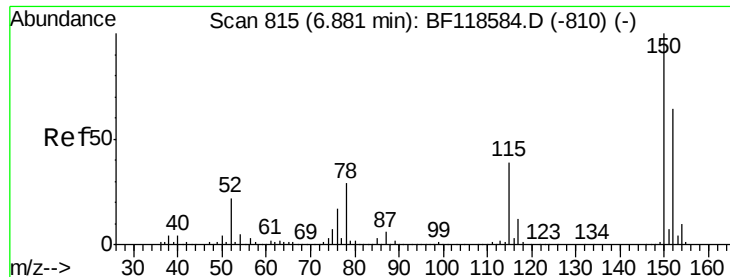
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

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Acq: 29 Jan 2020 13:46

Instrument :

BNA_F

ClientSampleId :

TP-29-30-COMP

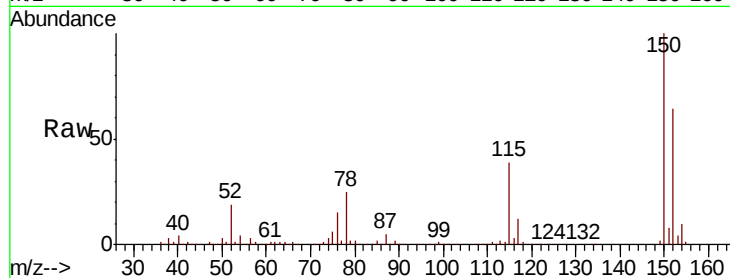
Tot Ion:152 Resp: 289814

Ion Ratio Lower Upper

152 100

150 156.8 123.7 185.5

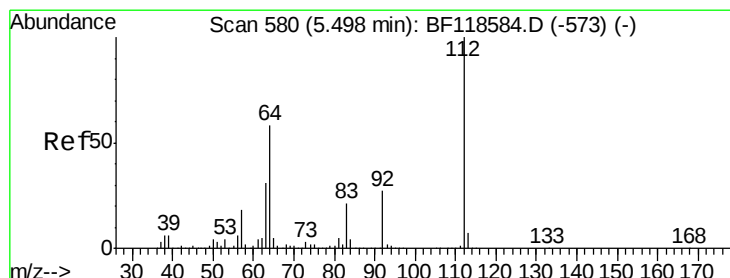
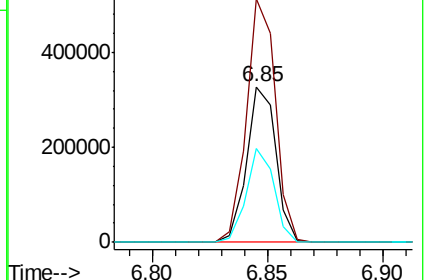
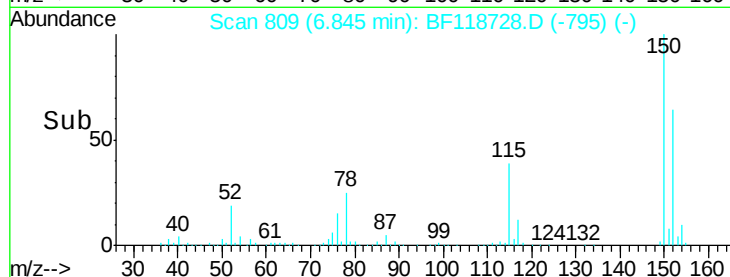
115 60.7 45.1 67.7



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: 97.582 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

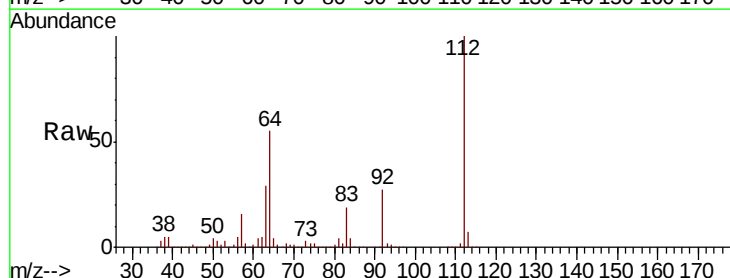
Tgt Ion:112 Resp: 1522705

Ion Ratio Lower Upper

112 100

64 55.0 42.4 63.6

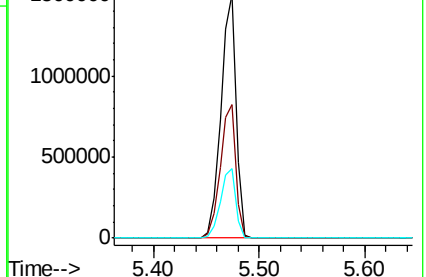
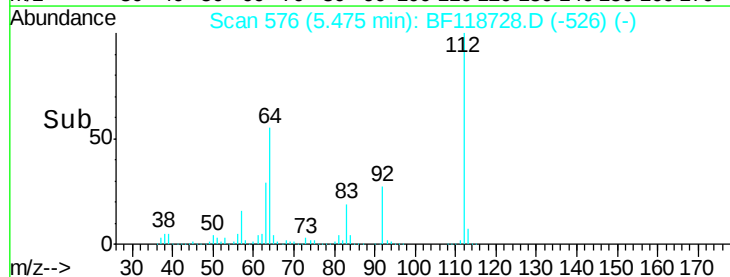
63 28.8 21.7 32.5

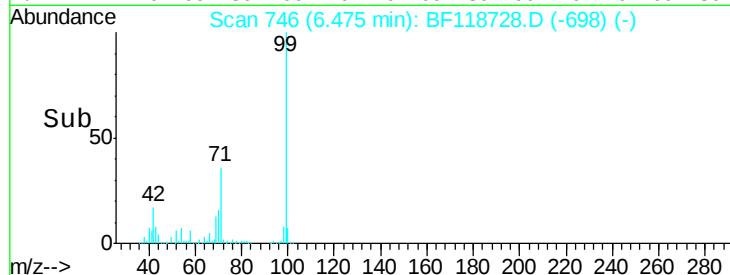
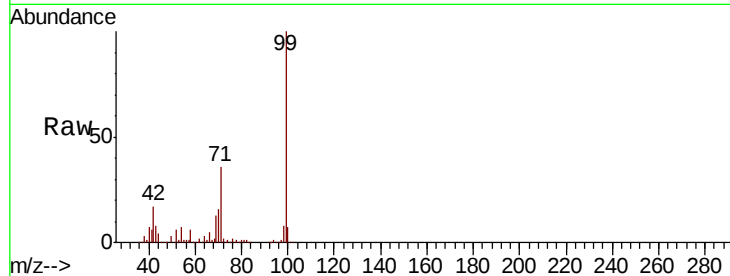
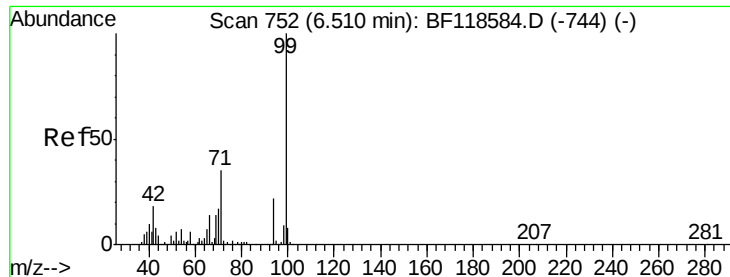


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.933 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

Instrument :

BNA_F

ClientSampleId :

TP-29-30-COMP

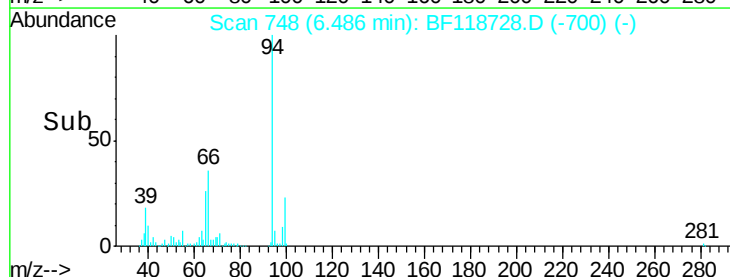
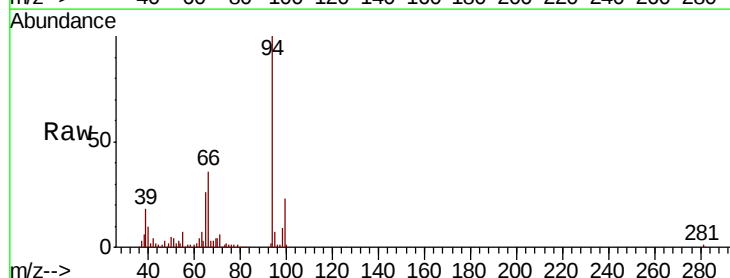
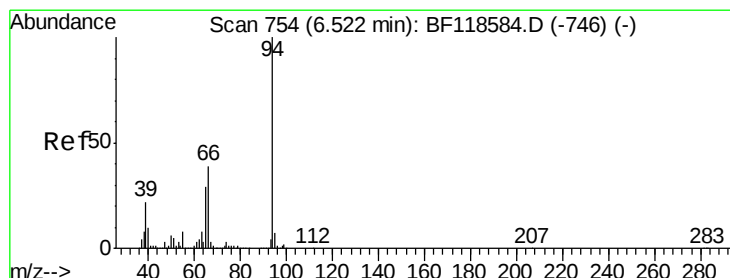
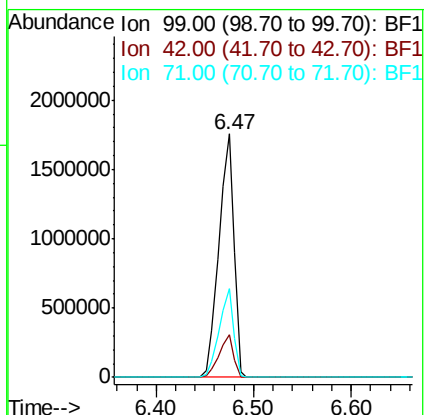
Tot Ion: 99 Resp: 1884854

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

71 36.5 28.4 42.6



#10

Phenol

Concen: 4.812 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

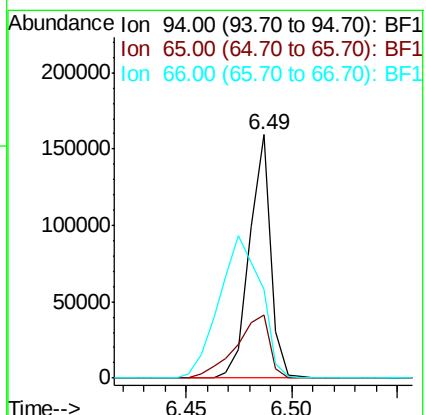
Tgt Ion: 94 Resp: 111215

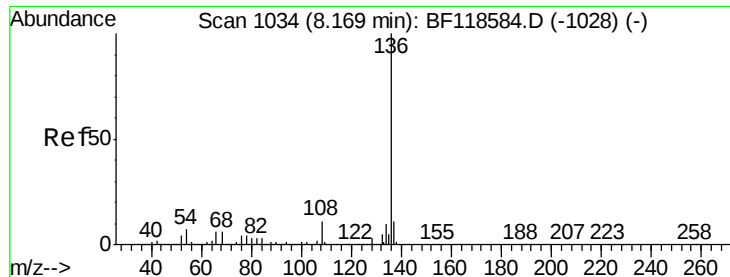
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 36.3 19.1 59.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

Instrument :

BNA_F

ClientSampleId :

TP-29-30-COMP

Tot Ion:136 Resp: 1085891

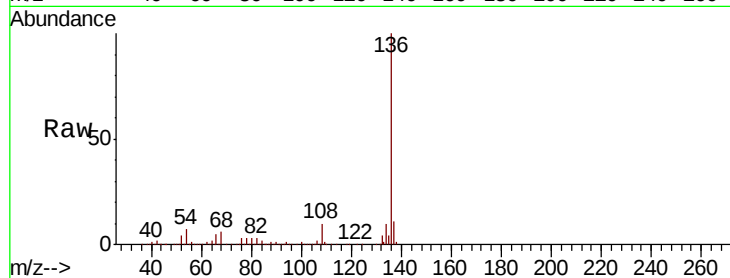
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 5.1 7.7

68 6.0 4.3 6.5

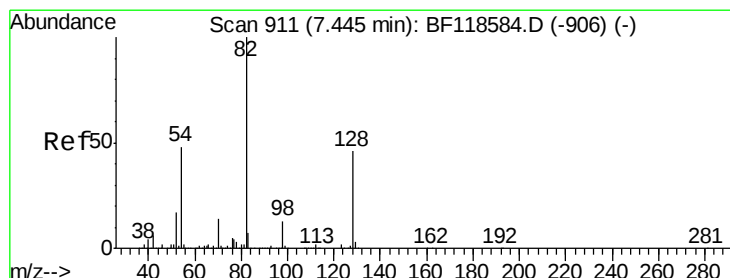
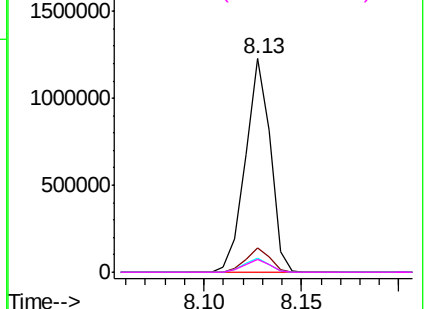
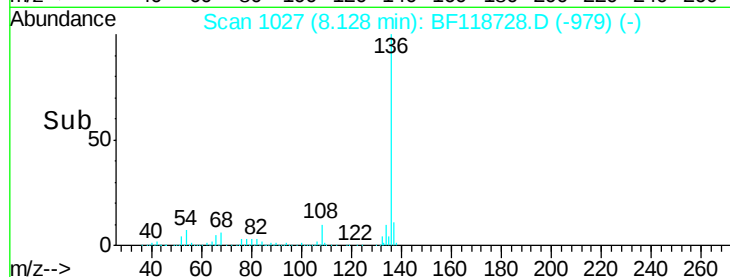


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.380 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

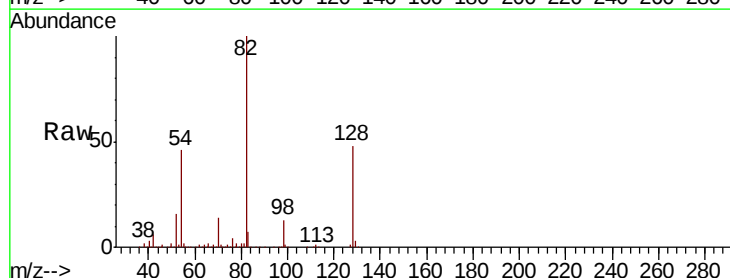
Tgt Ion: 82 Resp: 1211023

Ion Ratio Lower Upper

82 100

128 48.2 38.2 57.2

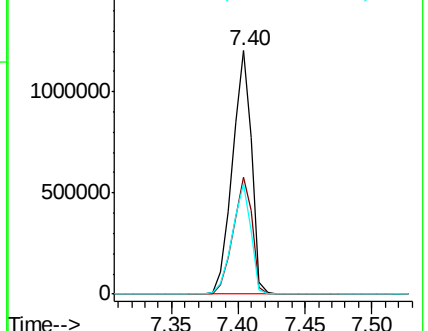
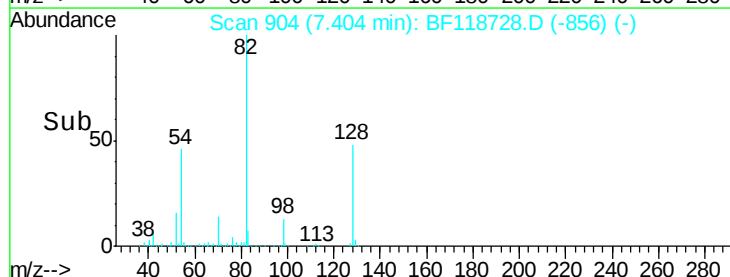
54 45.6 36.1 54.1

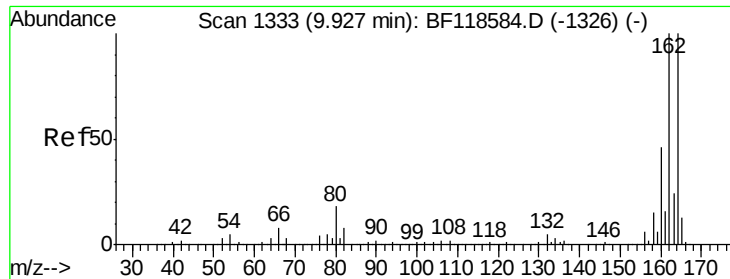


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

Instrument :

BNA_F

ClientSampleId :

TP-29-30-COMP

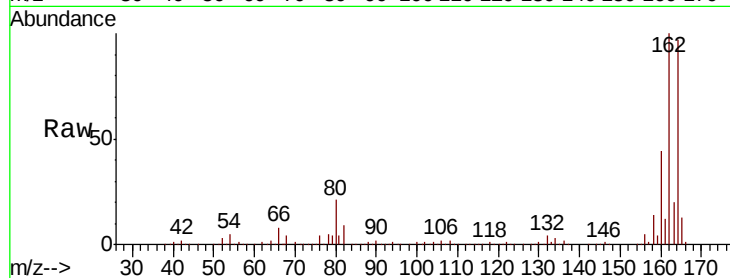
Tot Ion:164 Resp: 611890

Ion Ratio Lower Upper

164 100

162 103.1 80.8 121.2

160 45.0 35.4 53.0



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

800000

600000

400000

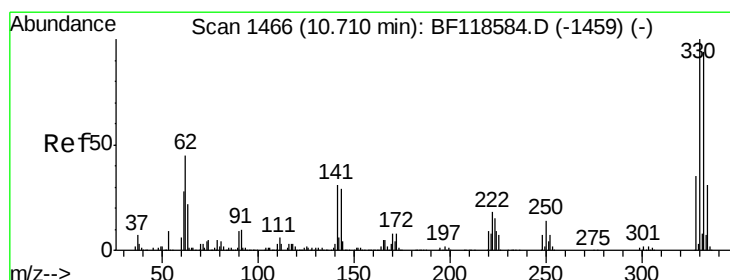
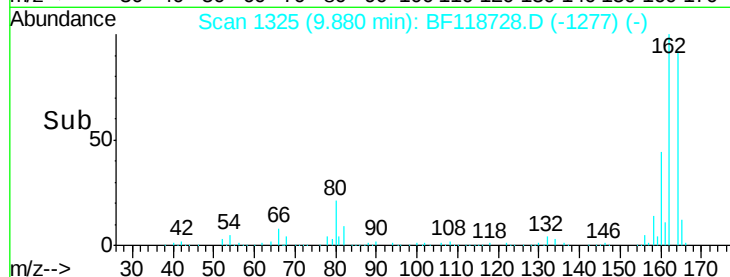
200000

0

9.88

9.80 9.85 9.90 9.95

Time-->



#42

2,4,6-Tribromophenol

Concen: 98.100 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

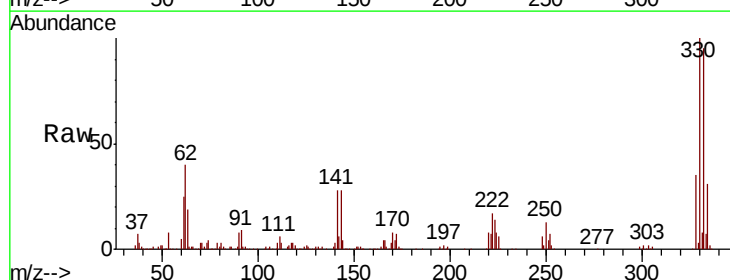
Tgt Ion:330 Resp: 694279

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 26.8 22.2 33.2



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

1000000

800000

600000

400000

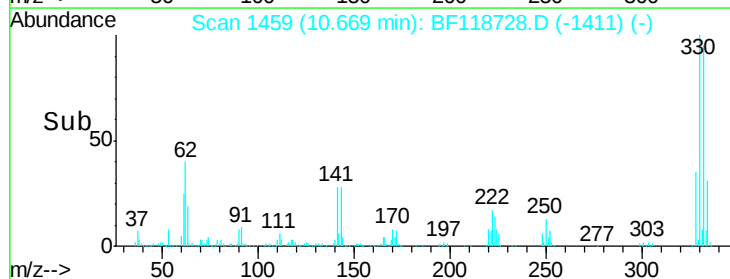
200000

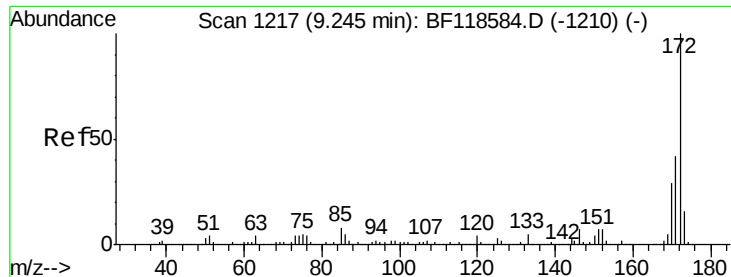
0

10.67

10.60 10.70 10.80

Time-->

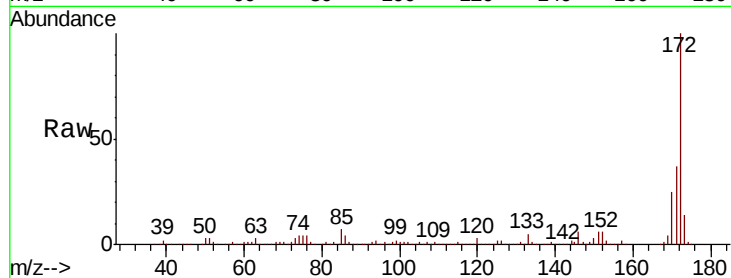




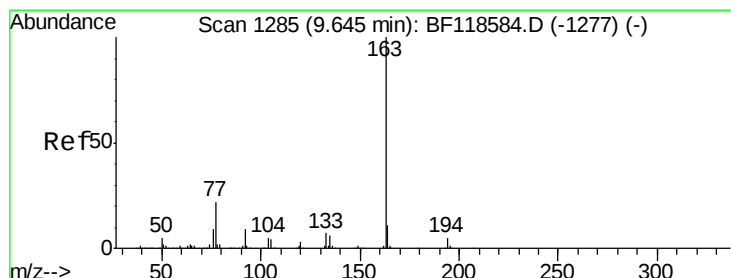
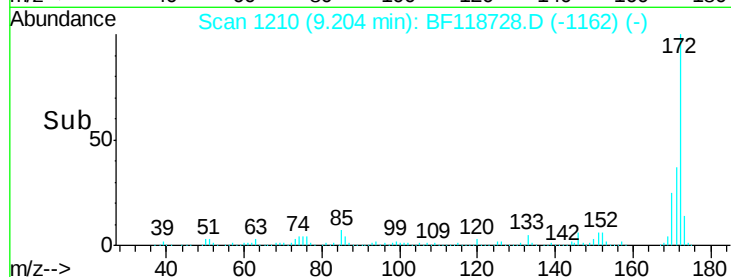
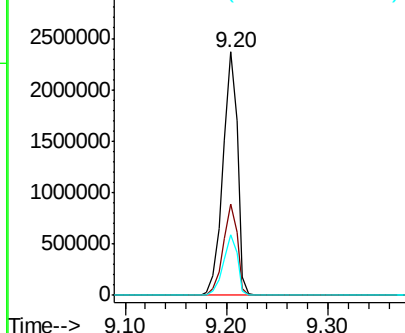
#45
2-Fluorobiphenyl
Concen: 63.243 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Instrument :
BNA_F
ClientSampleId :
TP-29-30-COMP

Tot Ion:172 Resp: 2354413
Ion Ratio Lower Upper
172 100
171 37.4 31.0 46.4
170 24.7 20.7 31.1

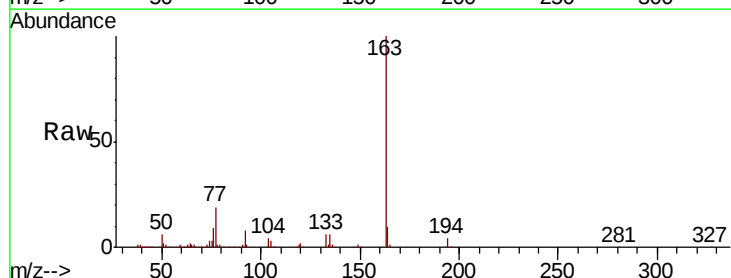


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

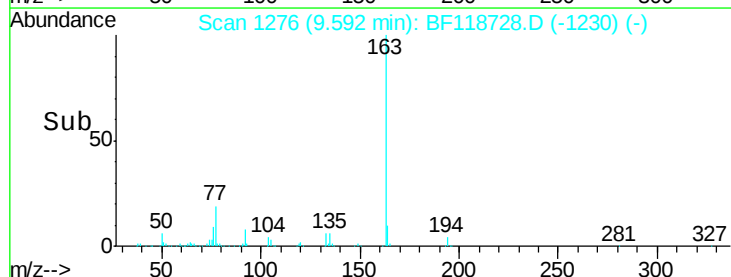
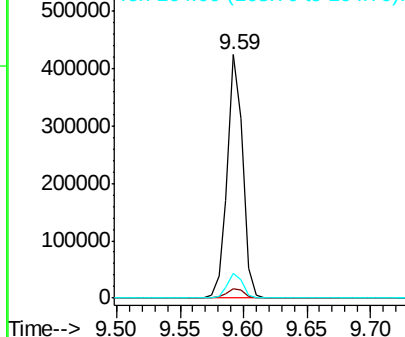


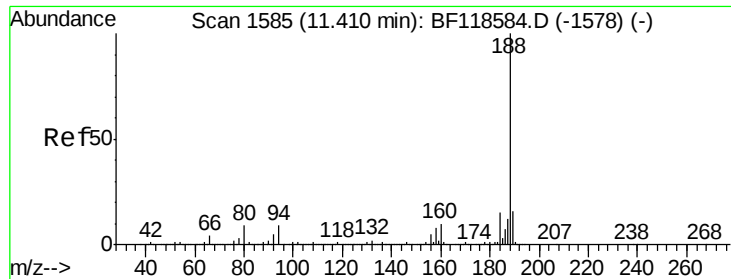
#50
Dimethylphthalate
Concen: 8.985 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Tgt Ion:163 Resp: 358172
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.4 8.2 12.2



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

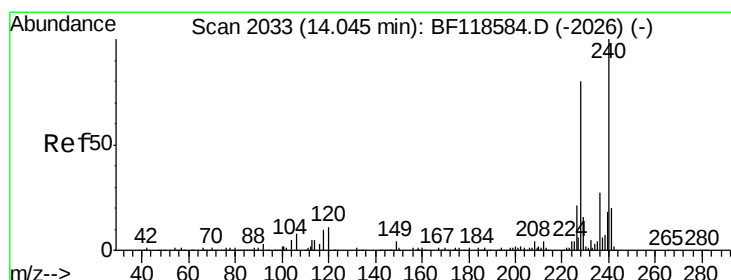
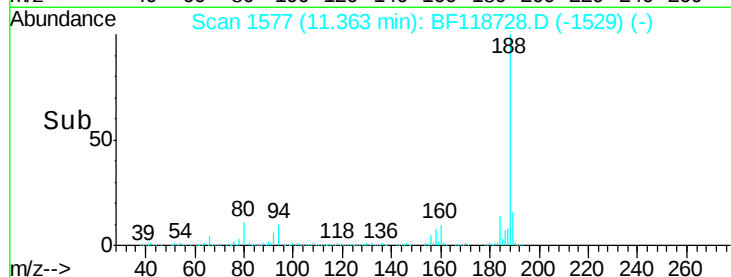
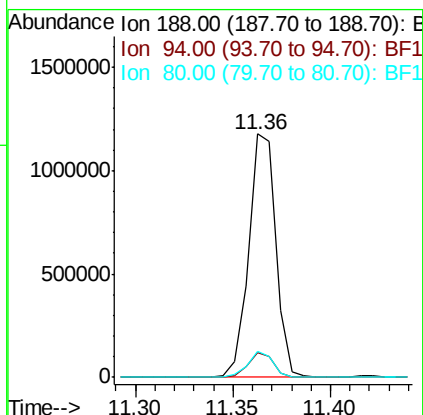
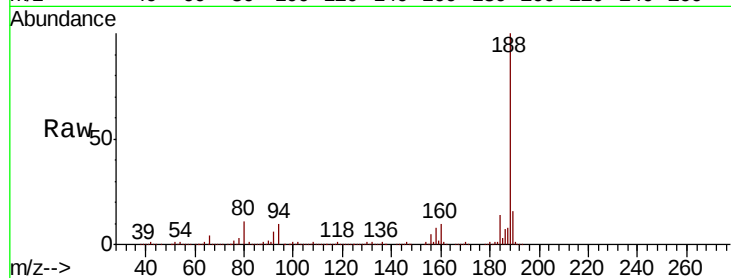




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

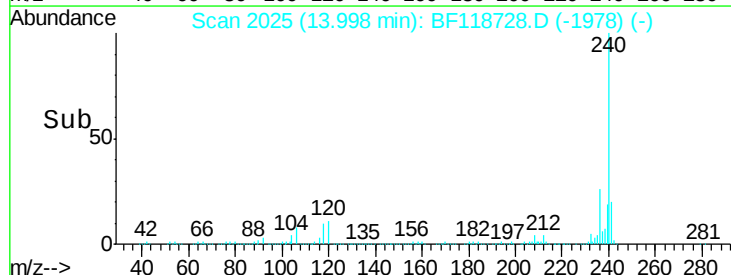
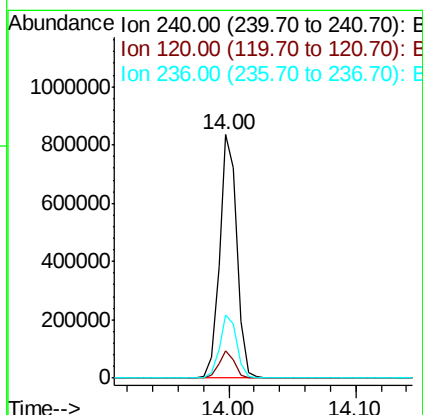
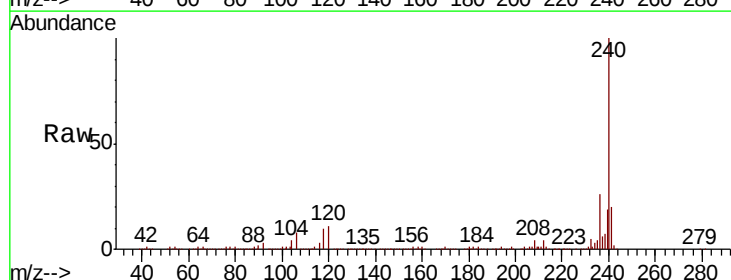
Instrument :
BNA_F
ClientSampleId :
TP-29-30-COMP

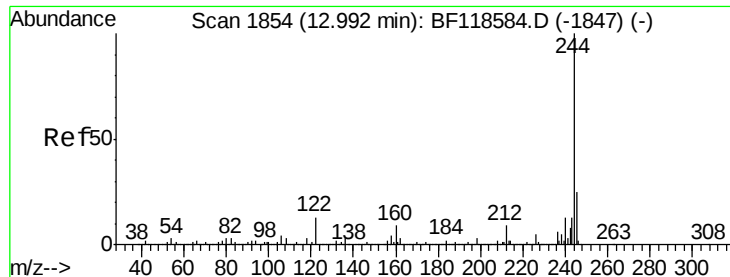
Tot Ion:188 Resp: 1130571
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118728.D
Acq: 29 Jan 2020 13:46

Tgt Ion:240 Resp: 793052
Ion Ratio Lower Upper
240 100
120 11.4 7.6 11.4#
236 25.7 21.0 31.4





#79

Terphenyl-d14

Concen: 73.926 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

Instrument :

BNA_F

ClientSampleId :

TP-29-30-COMP

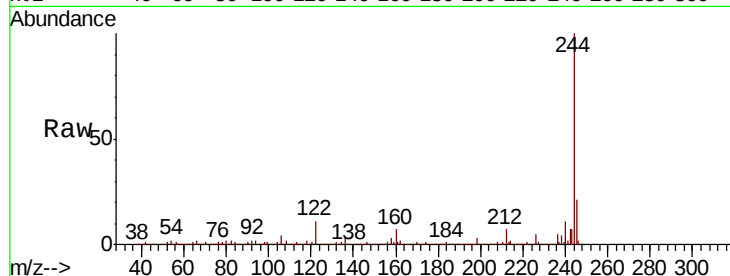
Tot Ion:244 Resp: 2687965

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

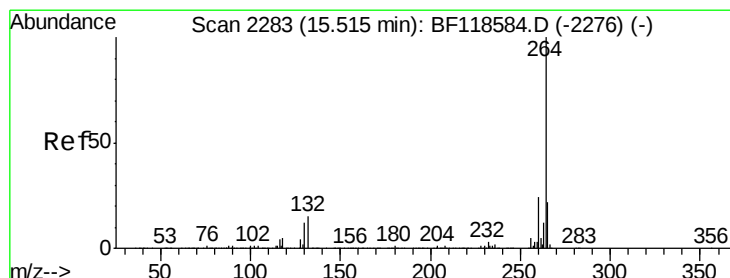
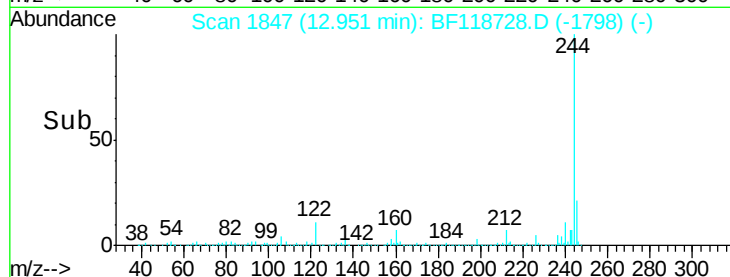
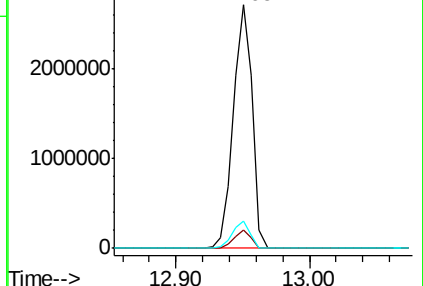
122 11.2 9.2 13.8



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF118728.D

Acq: 29 Jan 2020 13:46

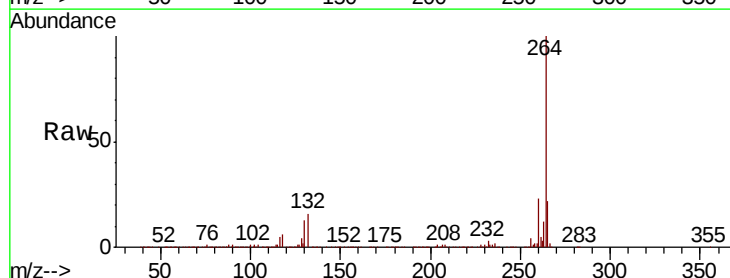
Tgt Ion:264 Resp: 722418

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 17.0 25.6



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

