

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118783.D
 Acq On : 31 Jan 2020 15:50
 Operator : CG/JU
 Sample : L1325-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Jan 31 22:45:53 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

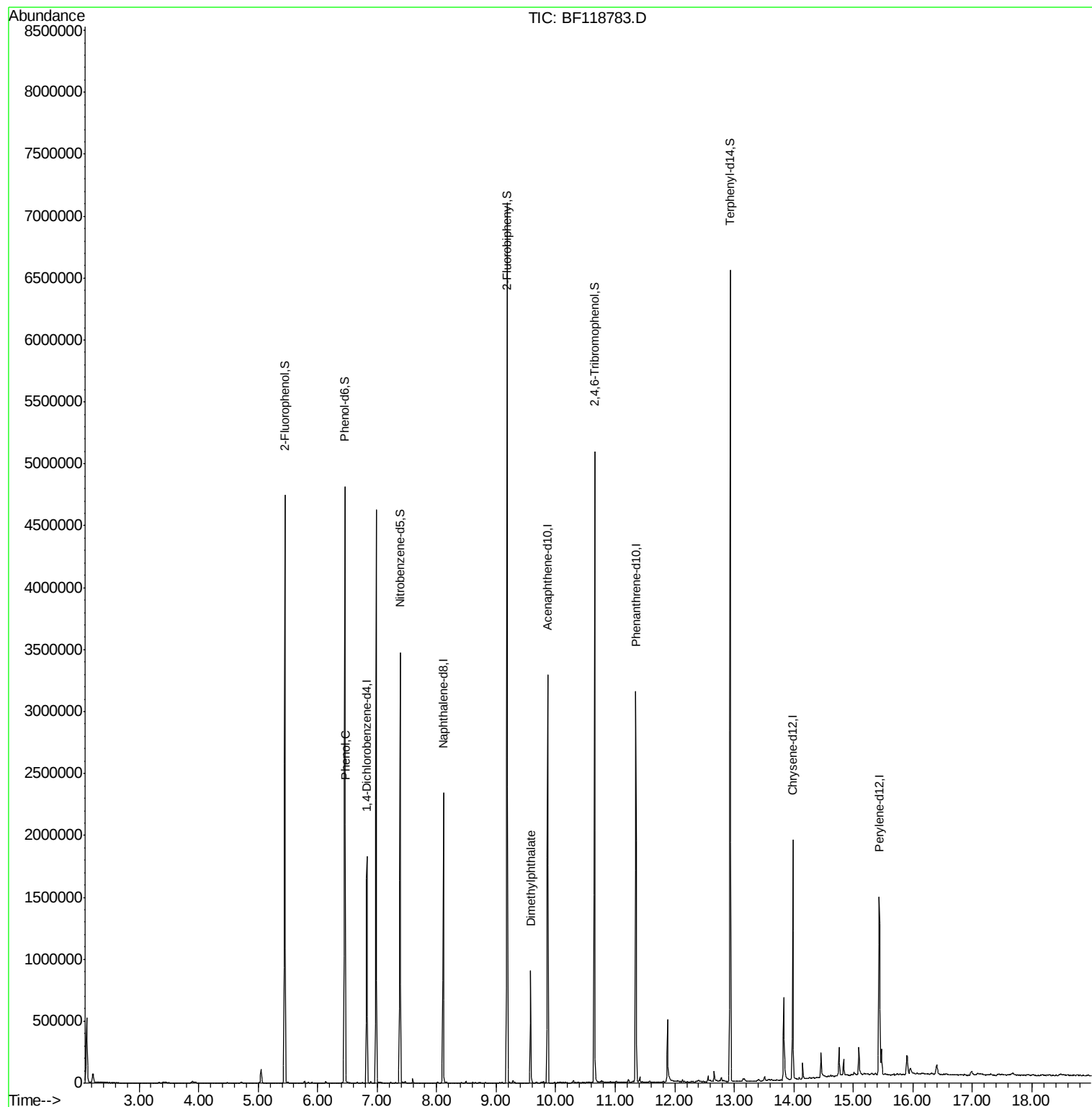
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	289894	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1103808	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	620936	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1107549	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	619916	20.00	ng	-0.04
87) Perylene-d12	15.43	264	688309	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1473006	94.37	ng	-0.03
7) Phenol-d6	6.46	99	1844906	90.94	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1189686	60.29	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	670084	93.30	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2306355	61.05	ng	-0.04
79) Terphenyl-d14	12.93	244	2462508	86.64	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	92085	3.983	ng	93
50) Dimethylphthalate	9.57	163	330938	8.180	ng	99

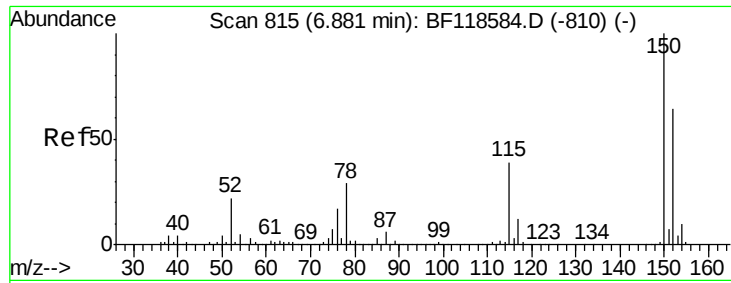
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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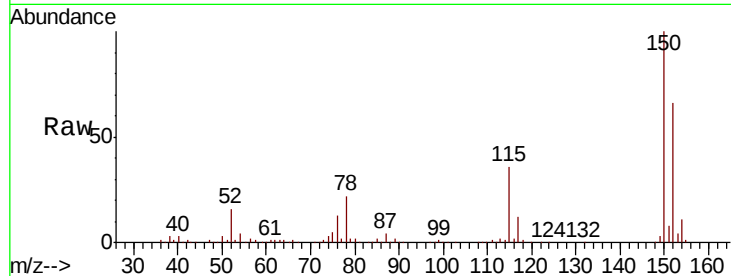


#1

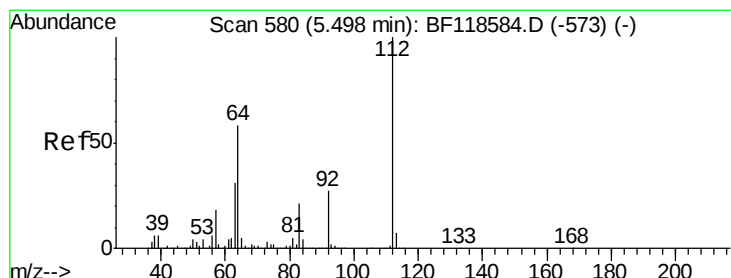
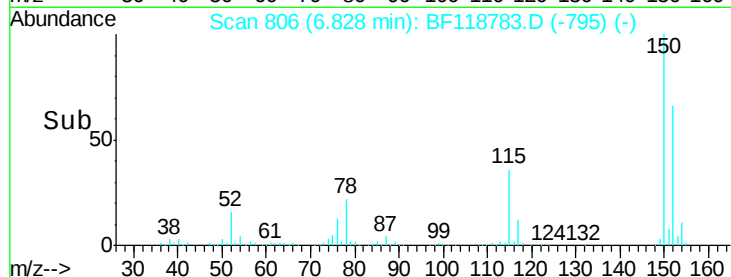
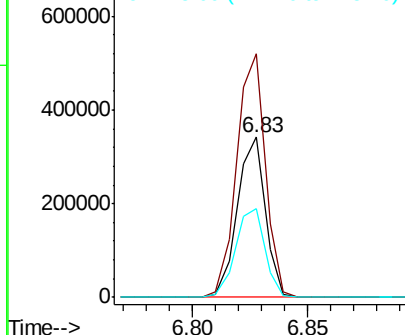
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118783.D
Acq: 31 Jan 2020 15:50

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tot Ion:152 Resp: 289894
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 55.5 45.1 67.7



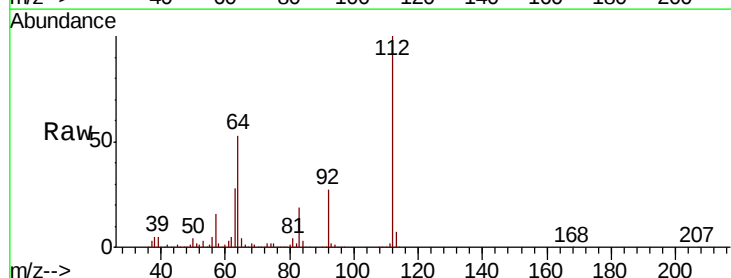
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



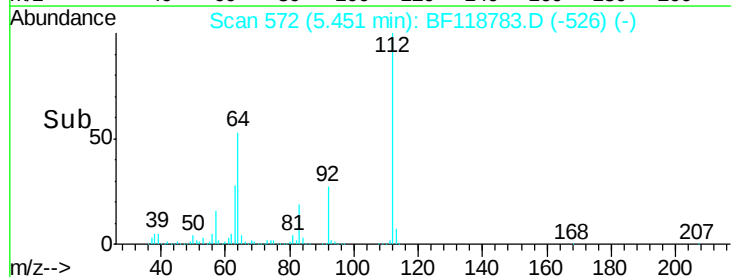
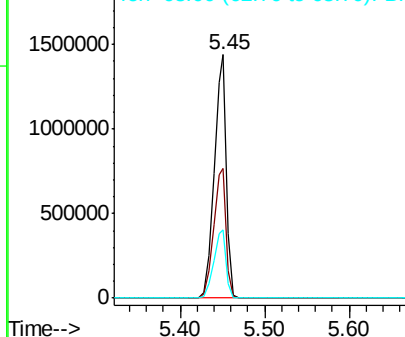
#5

2-Fluorophenol
Concen: 94.371 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118783.D
Acq: 31 Jan 2020 15:50

Tgt Ion:112 Resp: 1473006
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 28.1 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: 90.939 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

Instrument :

BNA_F

ClientSampleId :

VNJ-232

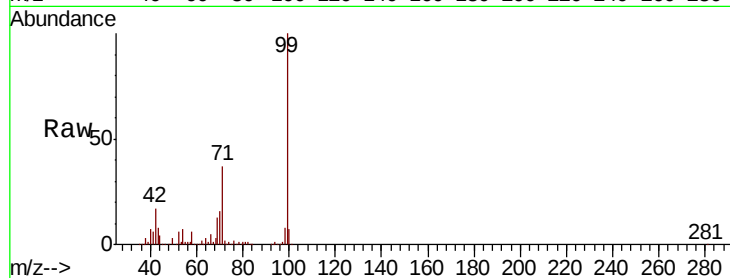
Tot Ion: 99 Resp: 1844906

Ion Ratio Lower Upper

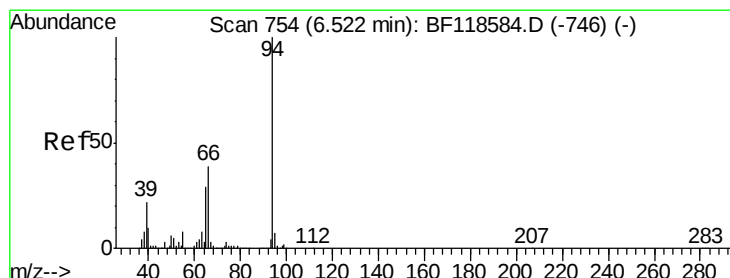
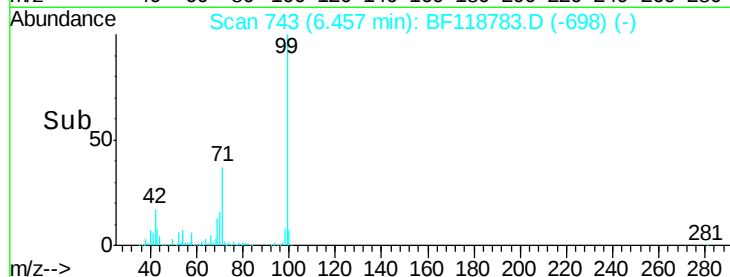
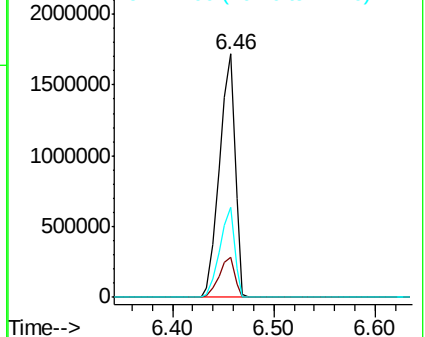
99 100

42 16.7 13.1 19.7

71 36.8 28.4 42.6



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



#10

Phenol

Concen: 3.983 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

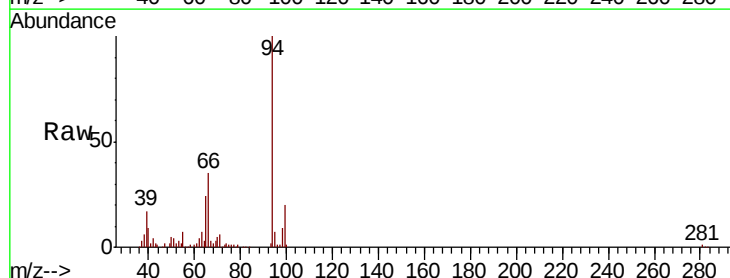
Tgt Ion: 94 Resp: 92085

Ion Ratio Lower Upper

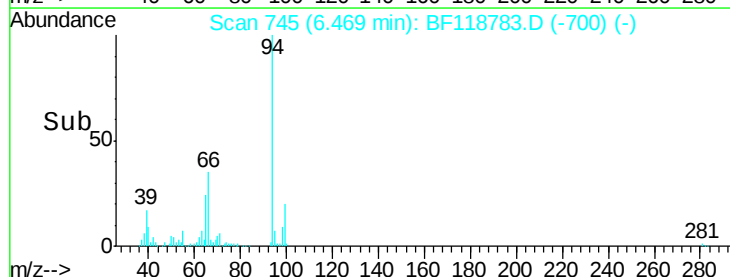
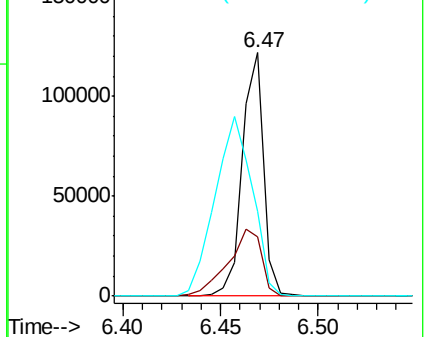
94 100

65 24.2 7.9 47.9

66 34.8 19.1 59.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

Instrument :

BNA_F

ClientSampleId :

VNJ-232

Tot Ion:136 Resp: 1103808

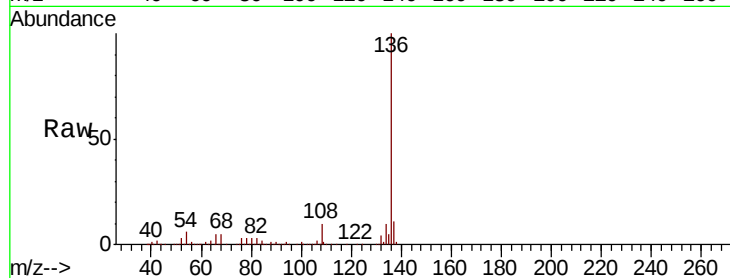
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 5.1 7.7

68 5.4 4.3 6.5

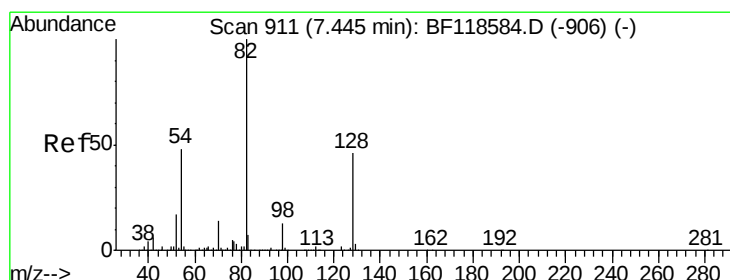
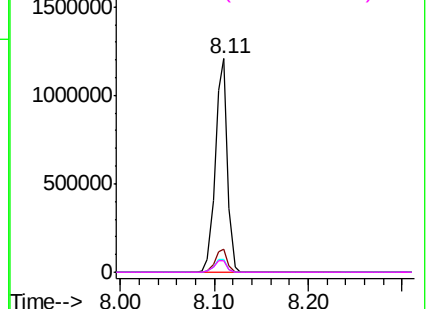
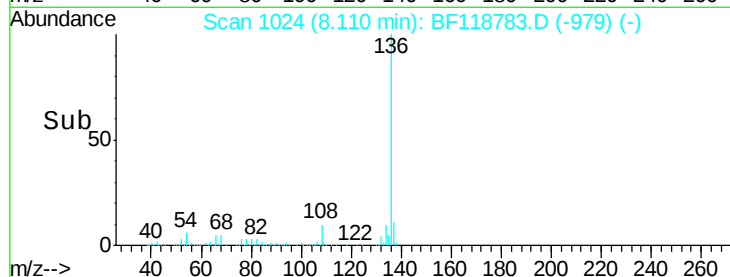


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.286 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

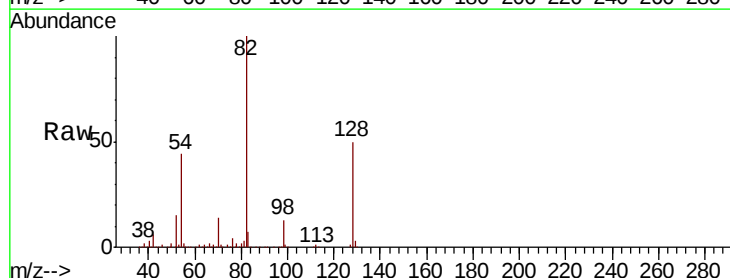
Tgt Ion: 82 Resp: 1189686

Ion Ratio Lower Upper

82 100

128 50.1 38.2 57.2

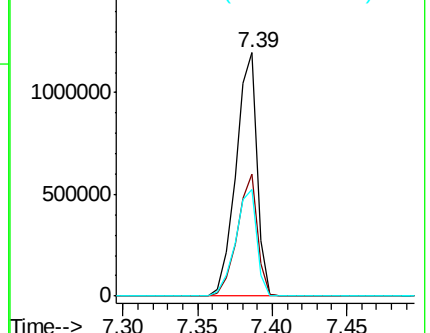
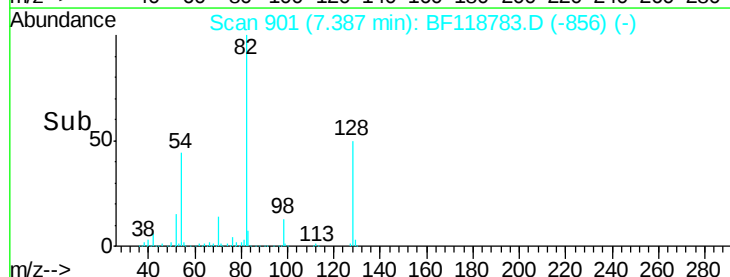
54 43.8 36.1 54.1

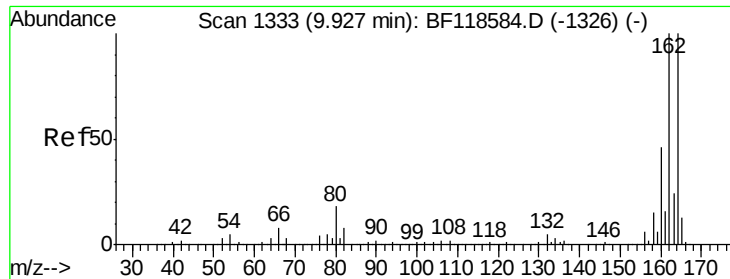


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.86 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

Instrument :

BNA_F

ClientSampleId :

VNJ-232

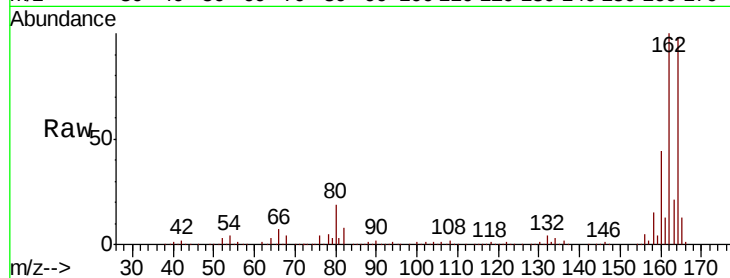
Tot Ion:164 Resp: 620936

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

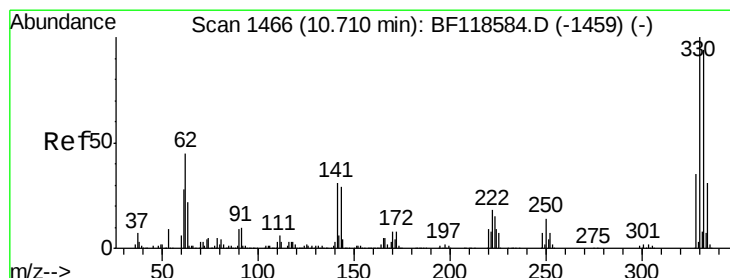
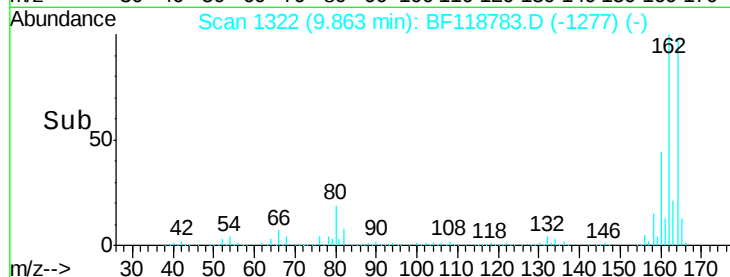
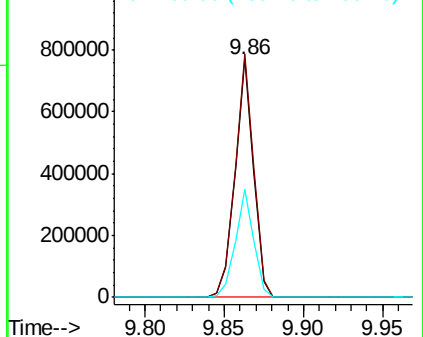
160 45.1 35.4 53.0



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



#42

2,4,6-Tribromophenol

Concen: 93.302 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

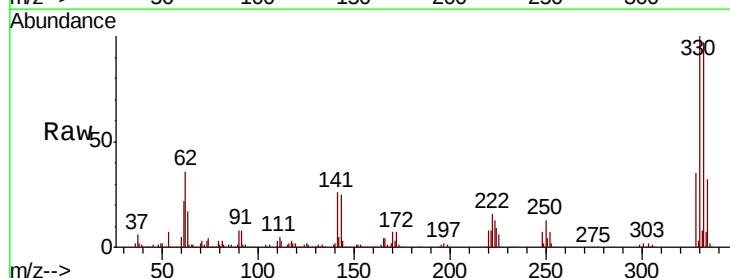
Tgt Ion:330 Resp: 670084

Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

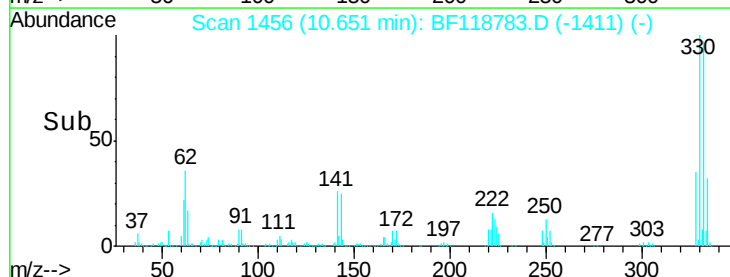
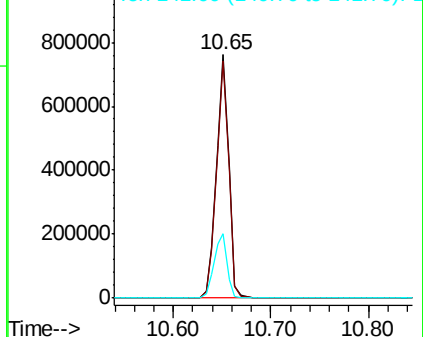
141 27.9 22.2 33.2

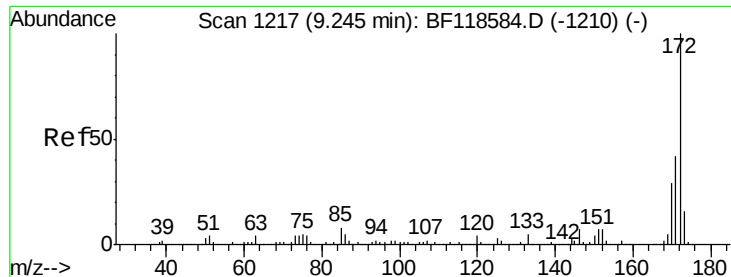


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



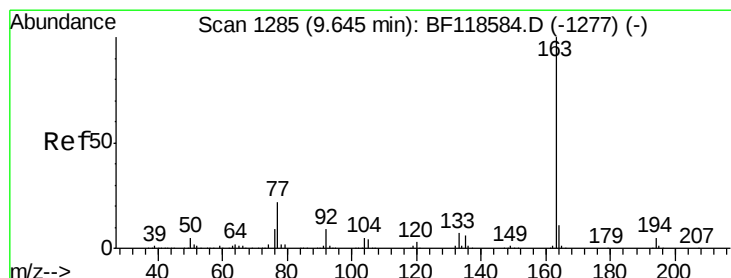
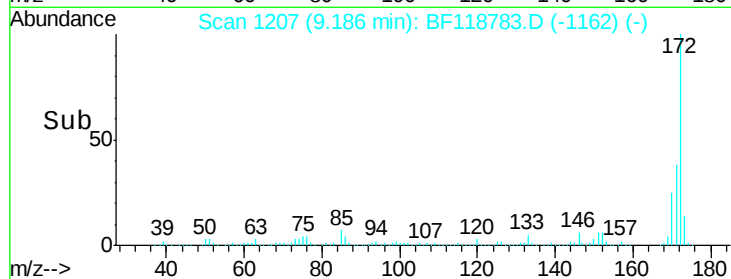
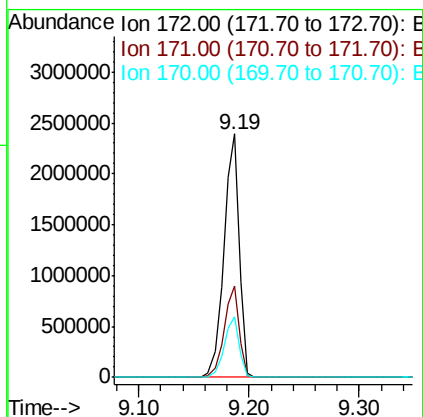
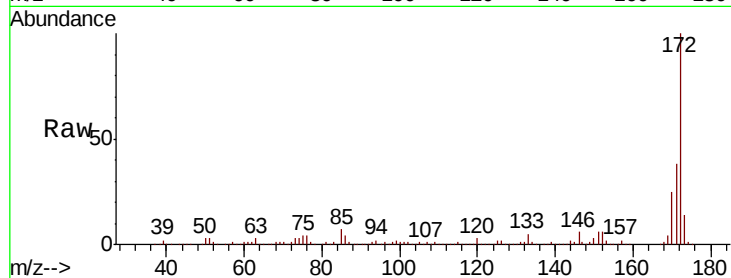


#45
 2-Fluorobiphenyl
 Concen: 61.049 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF118783.D
 Acq: 31 Jan 2020 15:50

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Tot Ion:172 Resp: 2306355

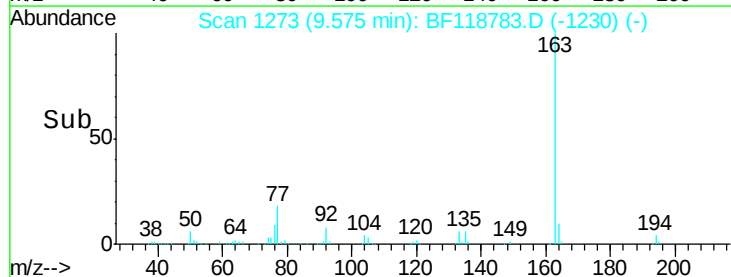
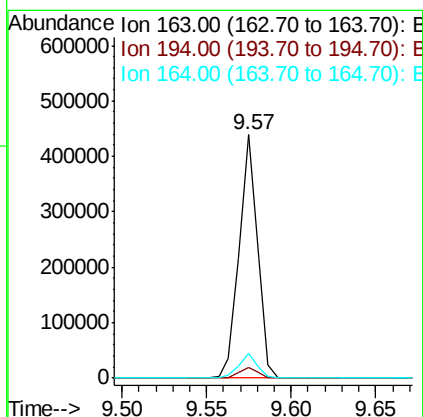
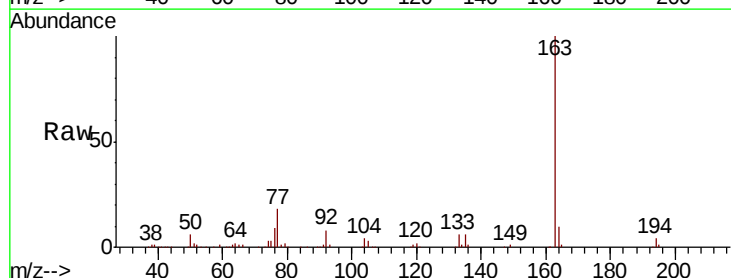
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.1	20.7	31.1

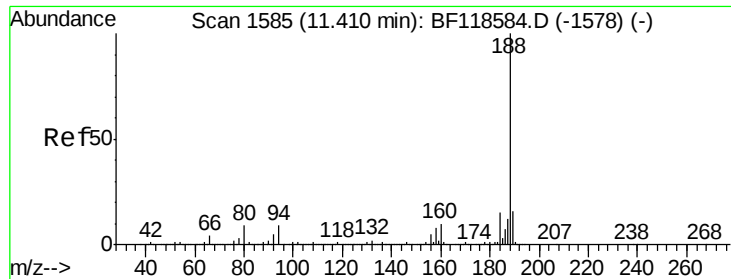


#50
 Dimethylphthalate
 Concen: 8.180 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.05 min
 Lab File: BF118783.D
 Acq: 31 Jan 2020 15:50

Tgt Ion:163 Resp: 330938

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.1	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

Instrument :

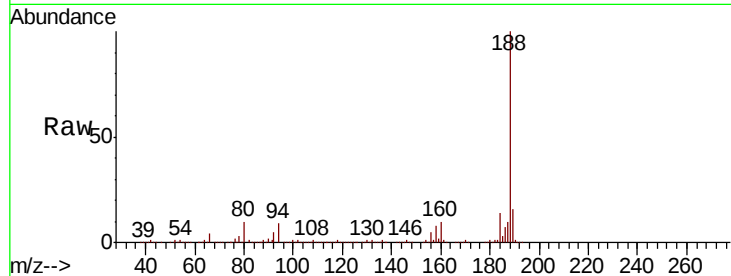
BNA_F

ClientSampleId :

VNJ-232

Tot Ion:188 Resp: 1107549

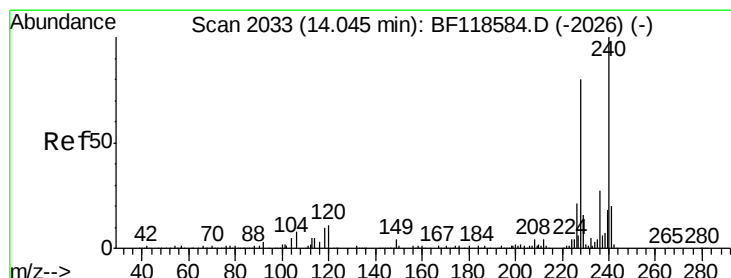
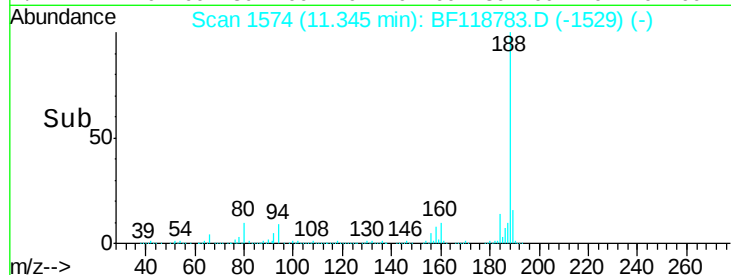
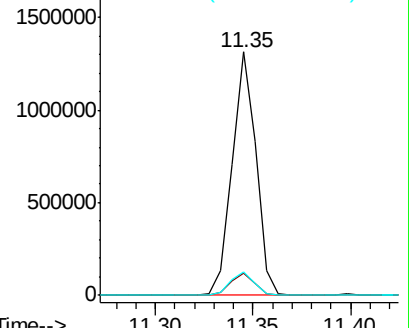
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.9	7.8	11.8



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: 13.98 min Scan# 2022

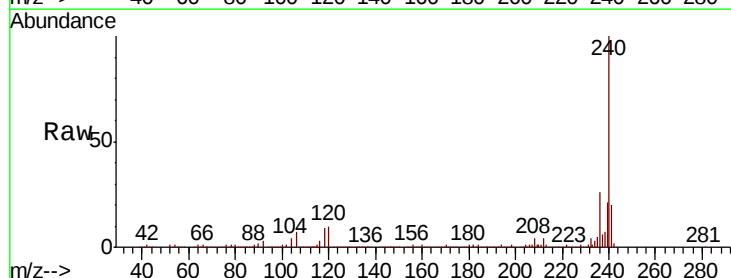
Delta R.T. -0.04 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

Tgt Ion:240 Resp: 619916

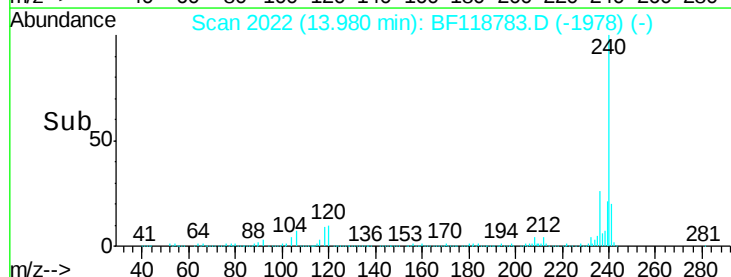
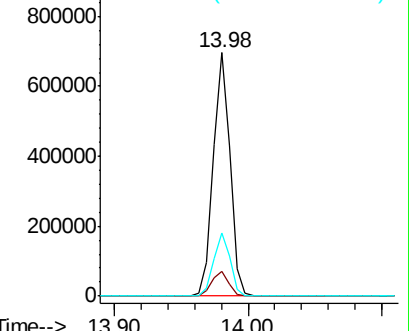
Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.6	11.4
236	26.1	21.0	31.4

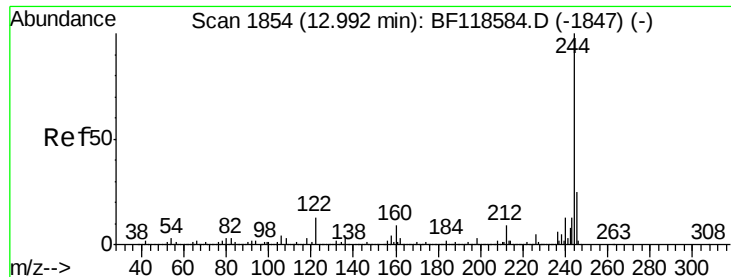


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.640 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

Instrument :

BNA_F

ClientSampleId :

VNJ-232

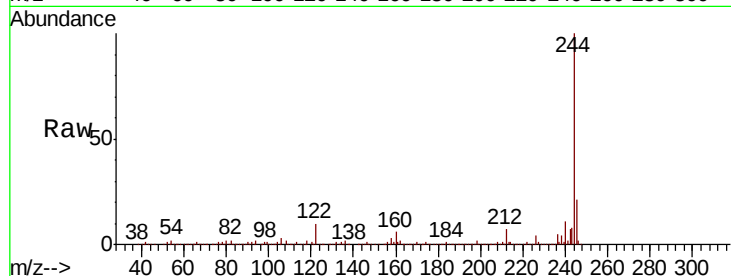
Tot Ion:244 Resp: 2462508

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

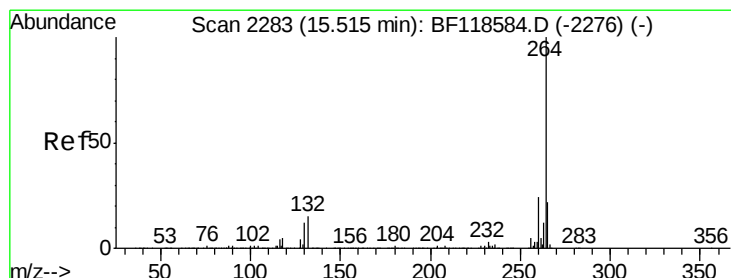
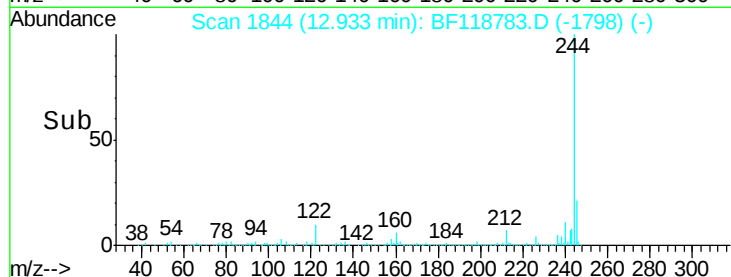
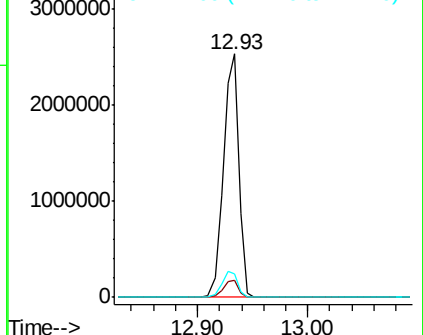
122 9.8 9.2 13.8



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: 15.43 min Scan# 2269

Delta R.T. -0.05 min

Lab File: BF118783.D

Acq: 31 Jan 2020 15:50

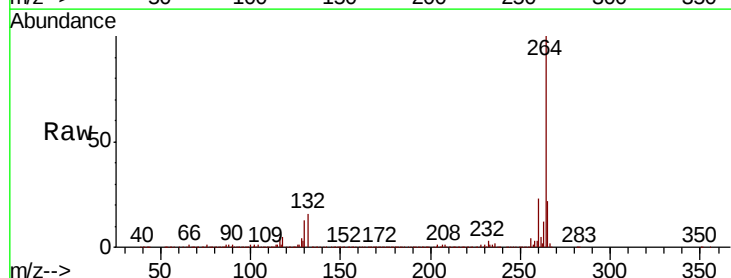
Tgt Ion:264 Resp: 688309

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.3 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

