

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114464.D
 Acq On : 21 May 2019 18:57
 Operator : JU/SJ
 Sample : K2956-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM5210

Quant Time: May 22 06:47:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

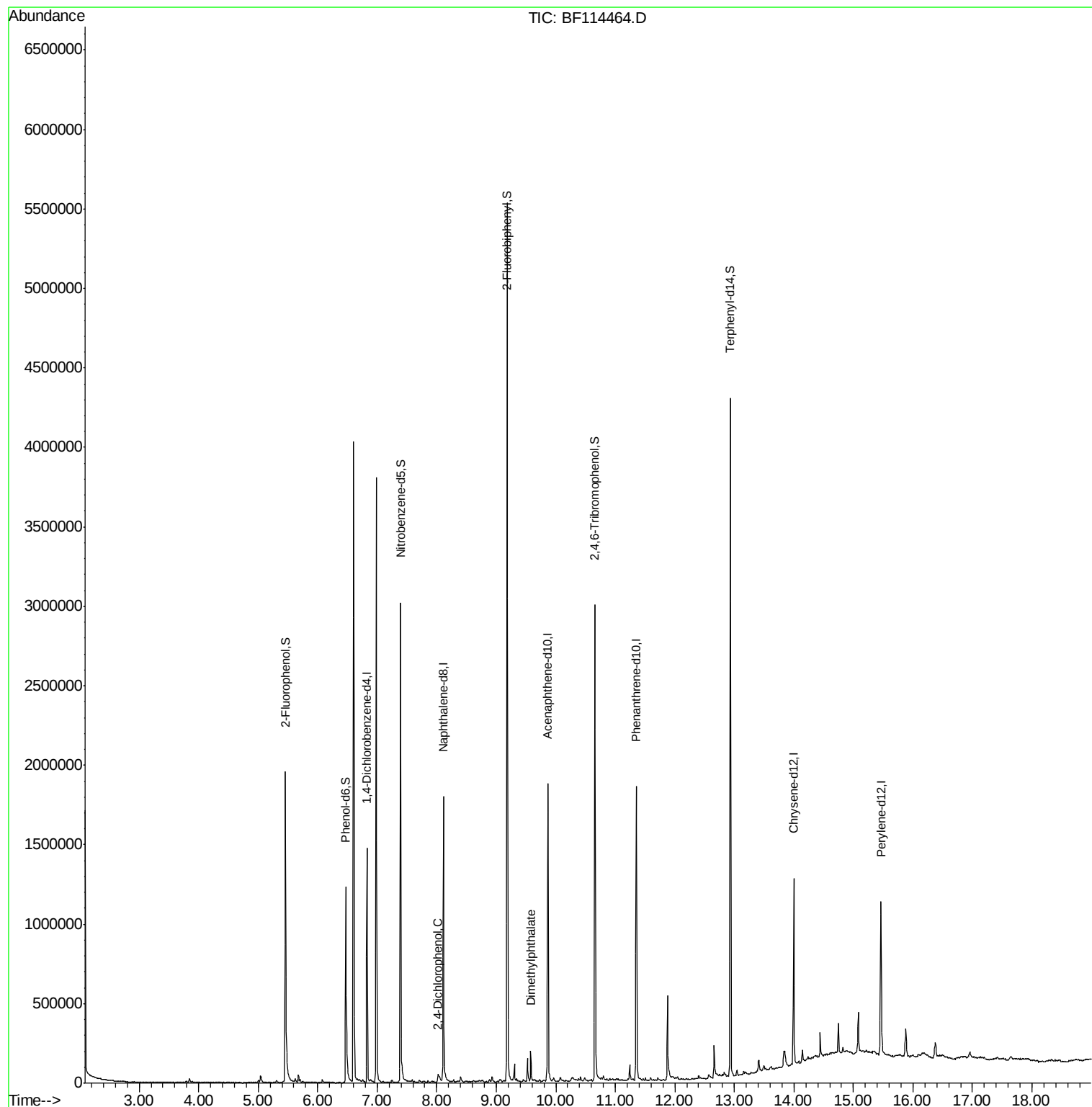
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	206401	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	816515	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	384385	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	706201	20.00	ng	0.00
76) Chrysene-d12	14.00	240	415671	20.00	ng	0.00
87) Perylene-d12	15.46	264	433199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	622204	48.51	ng	-0.01
7) Phenol-d6	6.47	99	526205	34.69	ng	-0.02
23) Nitrobenzene-d5	7.39	82	949928	65.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	361922	91.07	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1683587	66.25	ng	0.00
79) Terphenyl-d14	12.93	244	1415329	70.19	ng	0.00
Target Compounds						
29) 2,4-Dichlorophenol	8.02	162	24009	2.135	ng	Qvalue 88
50) Dimethylphthalate	9.58	163	81460	2.887	ng	98

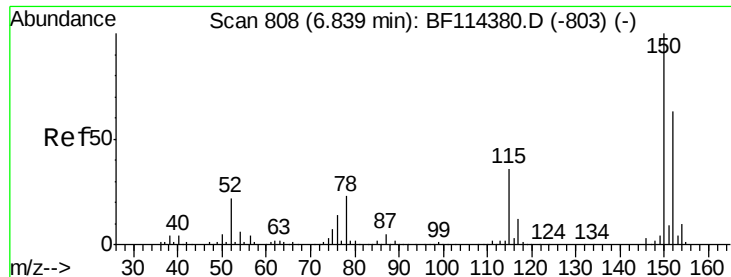
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 22 06:47:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
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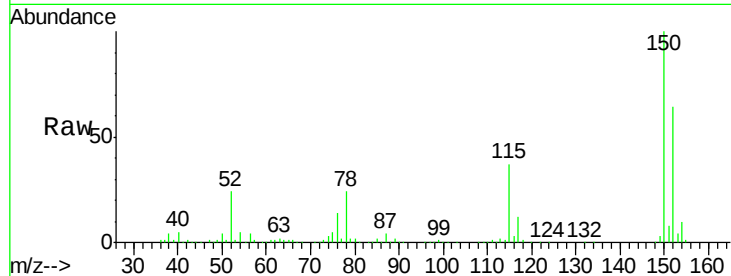


#1

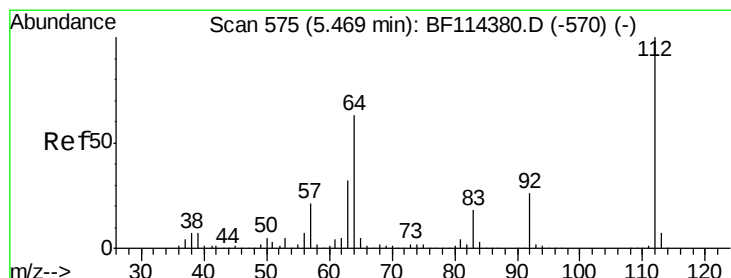
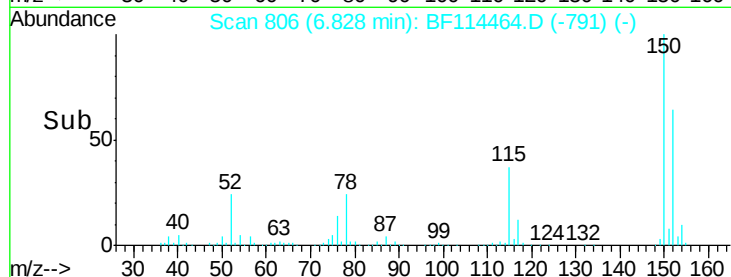
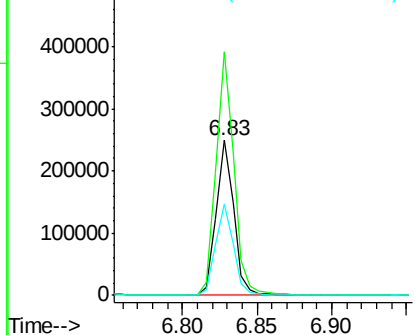
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114464.D
Acq: 21 May 2019 18:57

Instrument :
BNA_F
ClientSampleId :
FM5210

Tgt Ion:152 Resp: 206401
Ion Ratio Lower Upper
152 100
150 157.0 124.3 186.5
115 58.8 49.1 73.7



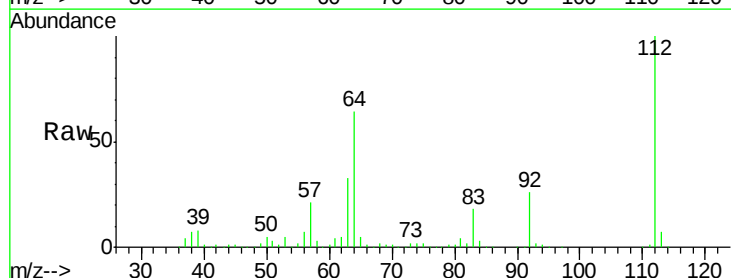
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



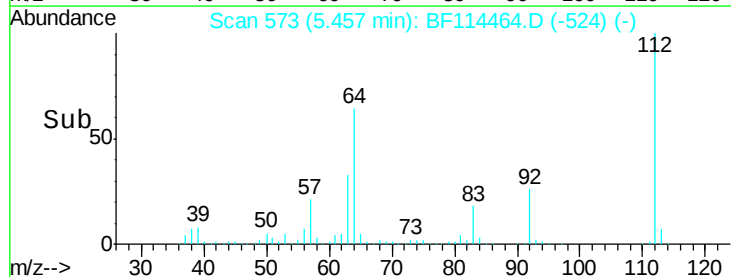
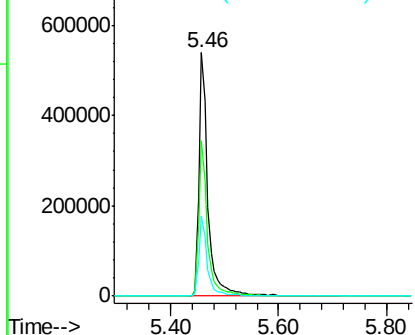
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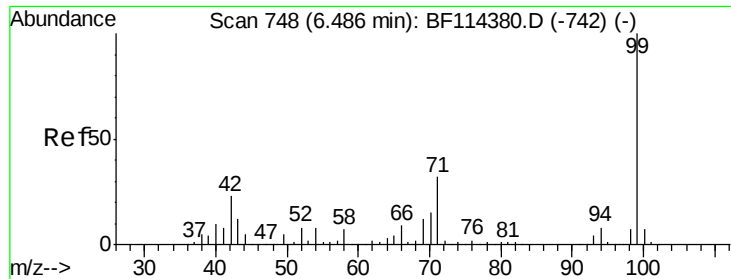
2-Fluorophenol
Concen: 48.512 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114464.D
Acq: 21 May 2019 18:57

Tgt Ion:112 Resp: 622204
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.6
63 32.6 24.6 37.0



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: 34.688 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114464.D

Acq: 21 May 2019 18:57

Instrument :

BNA_F

ClientSampleId :

FM5210

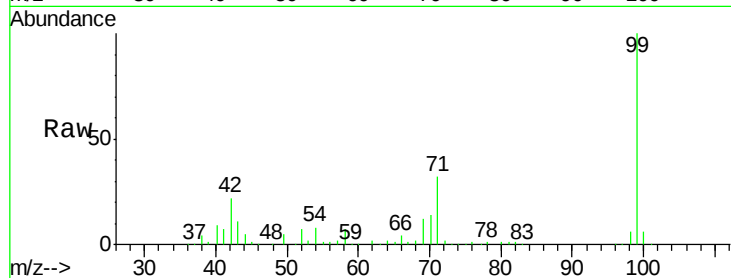
Tgt Ion: 99 Resp: 526205

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

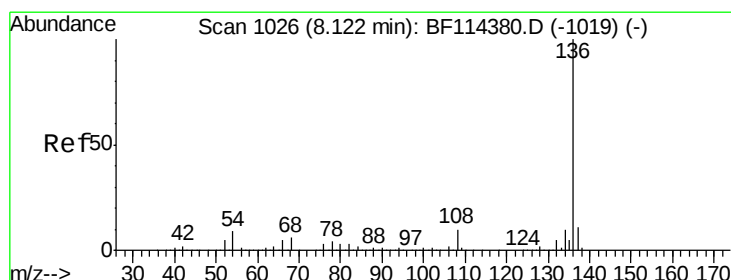
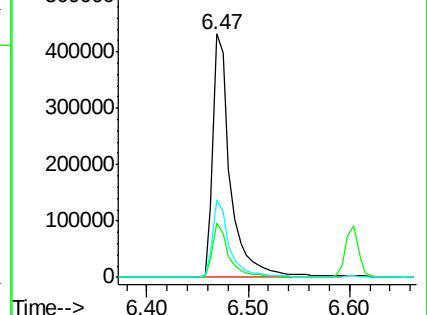
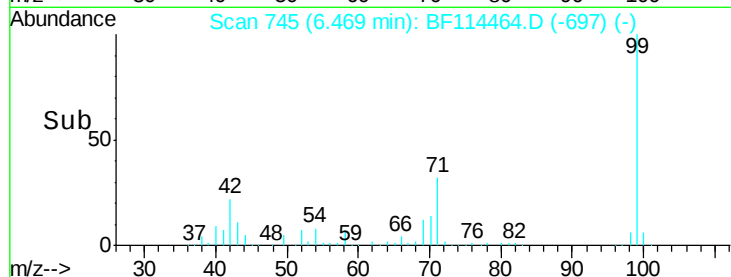
71 31.5 26.2 39.2



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: BF114464.D

Acq: 21 May 2019 18:57

Tgt Ion: 136 Resp: 816515

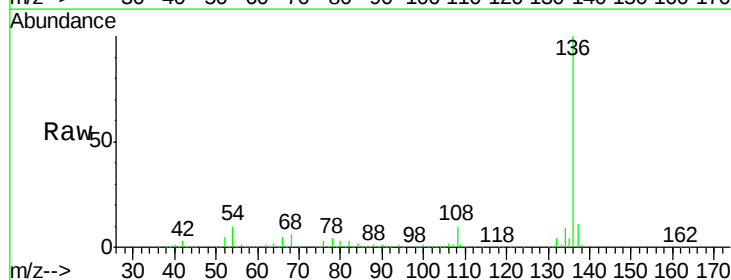
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.8 7.8 11.8

68 6.1 5.1 7.7

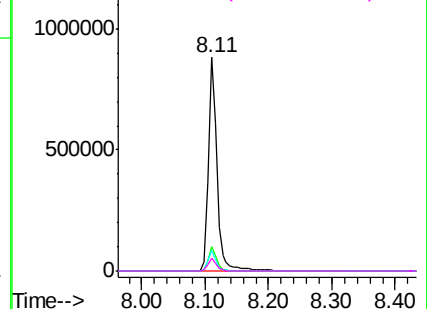
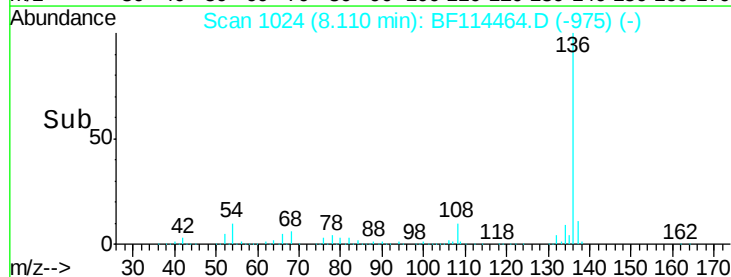


Abundance Ion 136.00 (135.70 to 136.70): E

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

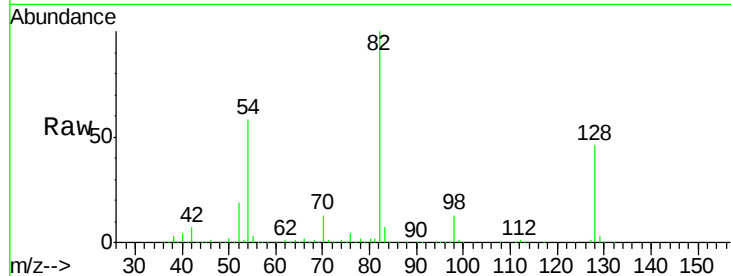




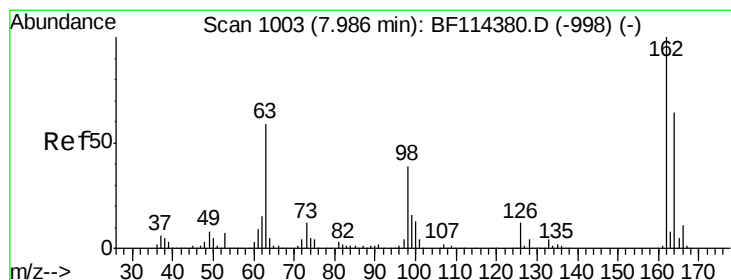
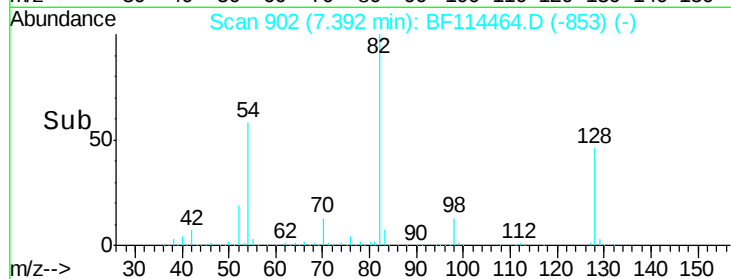
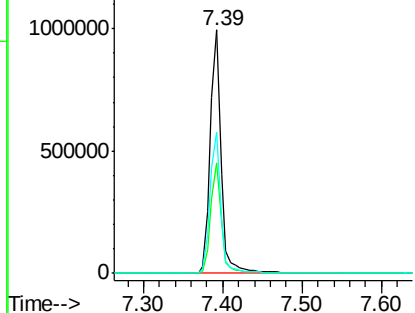
#23
 Nitrobenzene-d5
 Concen: 65.290 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114464.D
 Acq: 21 May 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 FM5210

Tgt Ion: 82 Resp: 949928
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.5 53.3
 54 58.0 48.5 72.7

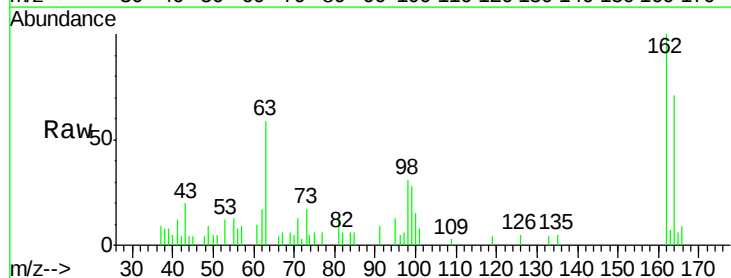


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

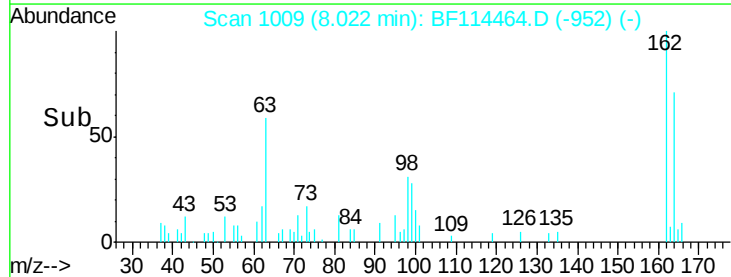
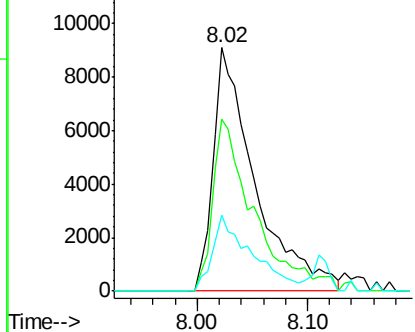


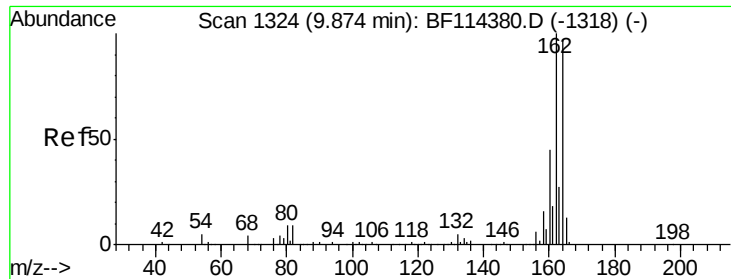
#29
 2,4-Dichlorophenol
 Concen: 2.135 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.04 min
 Lab File: BF114464.D
 Acq: 21 May 2019 18:57

Tgt Ion: 162 Resp: 24009
 Ion Ratio Lower Upper
 162 100
 164 70.7 43.6 83.6
 98 31.1 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): BF1
 Ion 164.00 (163.70 to 164.70): BF1
 Ion 98.00 (97.70 to 98.70): BF1

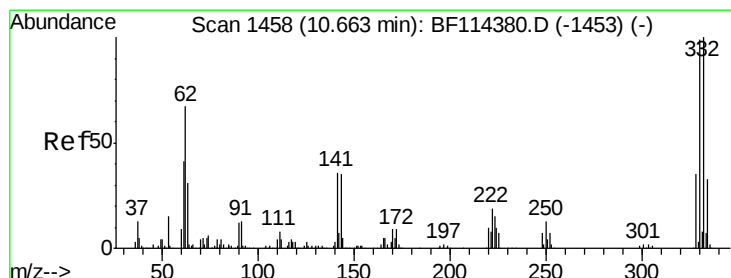
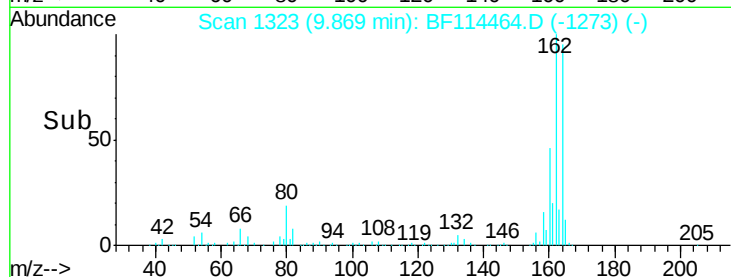
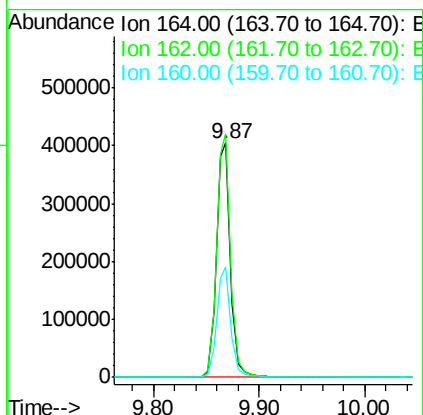
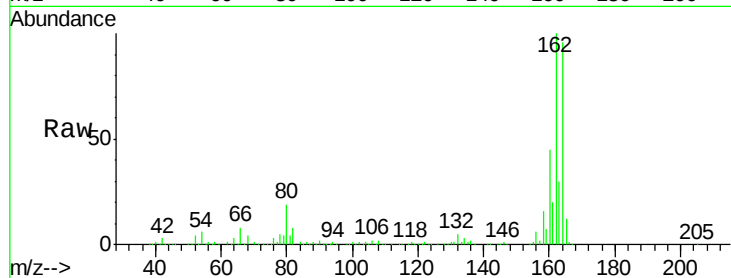




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114464.D
Acq: 21 May 2019 18:57

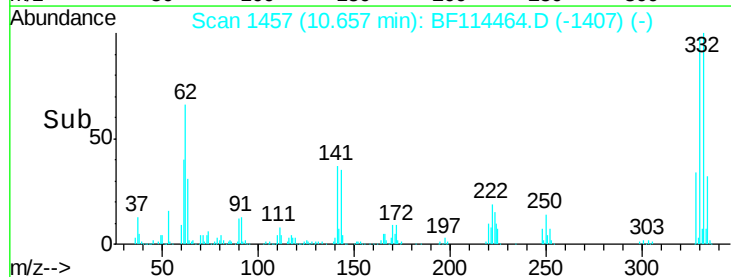
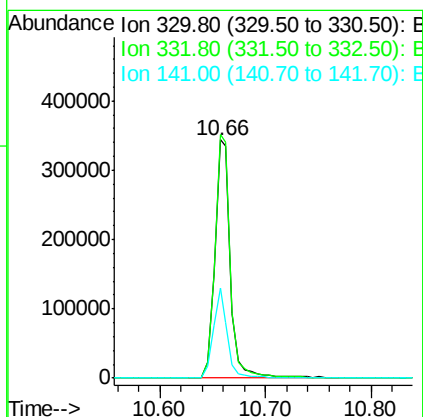
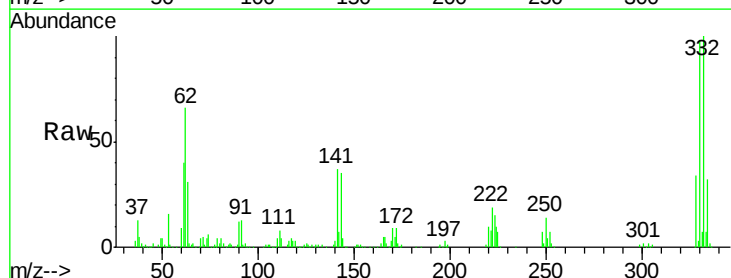
Instrument :
BNA_F
ClientSampleId :
FM5210

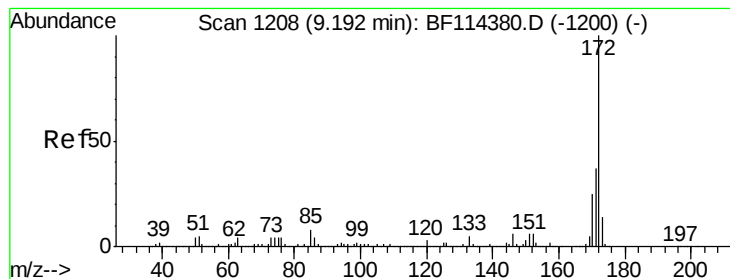
Tgt Ion:164 Resp: 384385
Ion Ratio Lower Upper
164 100
162 103.9 80.6 120.8
160 47.2 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 91.075 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF114464.D
Acq: 21 May 2019 18:57

Tgt Ion:330 Resp: 361922
Ion Ratio Lower Upper
330 100
332 101.1 81.4 122.2
141 34.0 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 66.254 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114464.D

Acq: 21 May 2019 18:57

Instrument :

BNA_F

ClientSampled :

FM5210

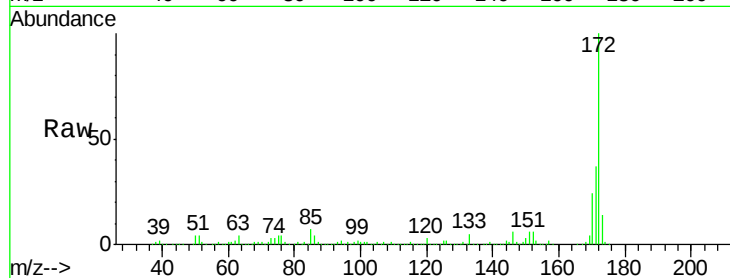
Tgt Ion:172 Resp: 1683587

Ion Ratio Lower Upper

172 100

171 36.5 30.7 46.1

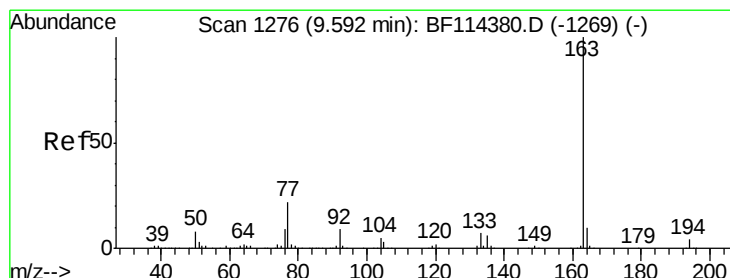
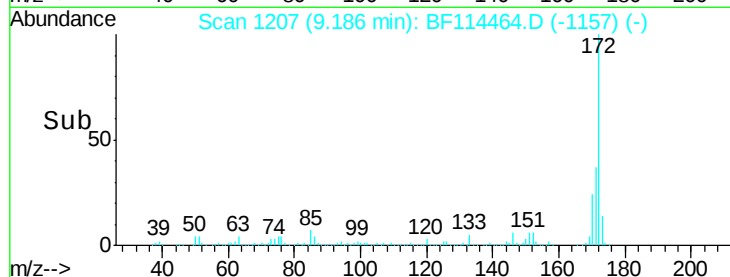
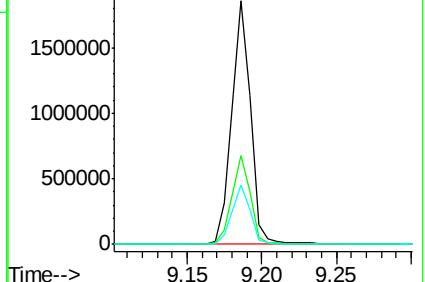
170 24.1 20.5 30.7



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: 2.887 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114464.D

Acq: 21 May 2019 18:57

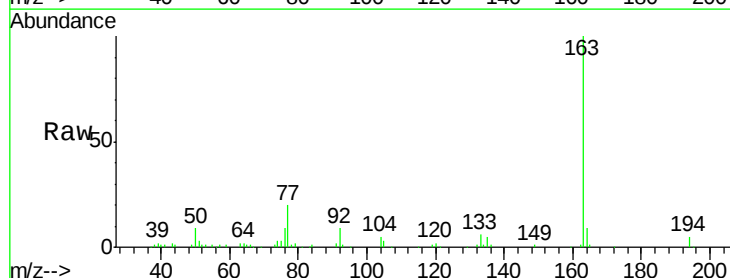
Tgt Ion:163 Resp: 81460

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

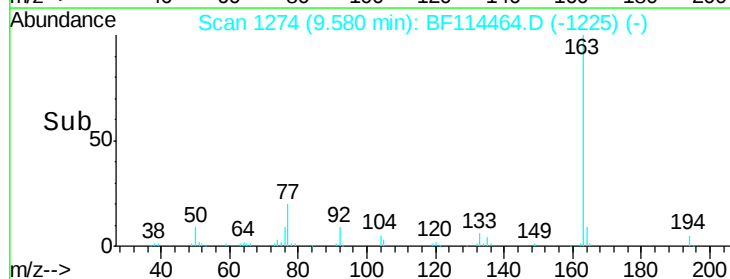
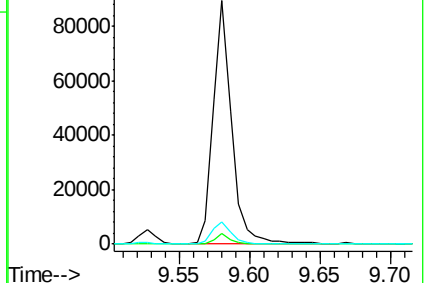
164 9.2 8.2 12.2

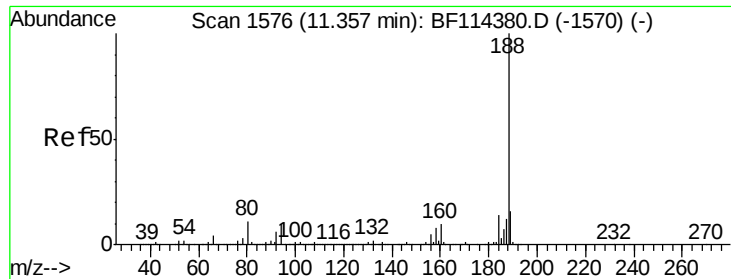


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

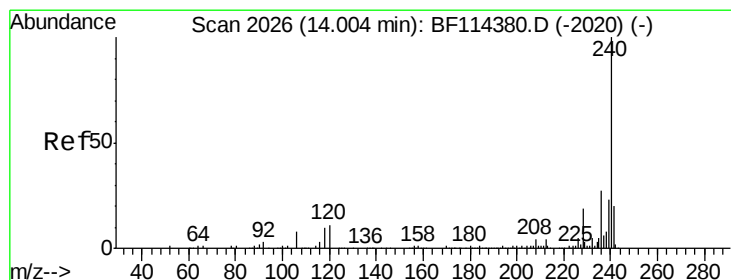
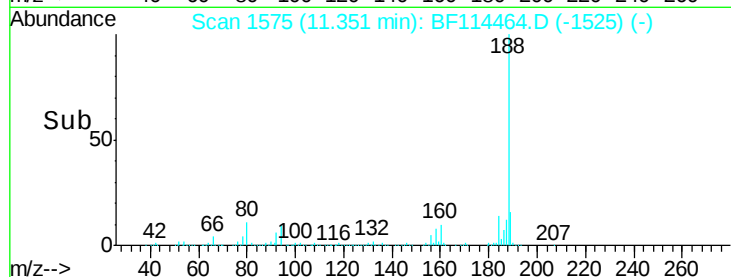
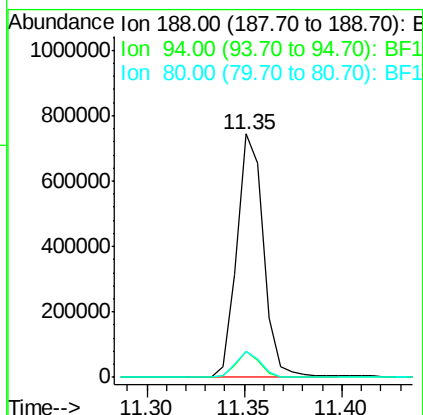
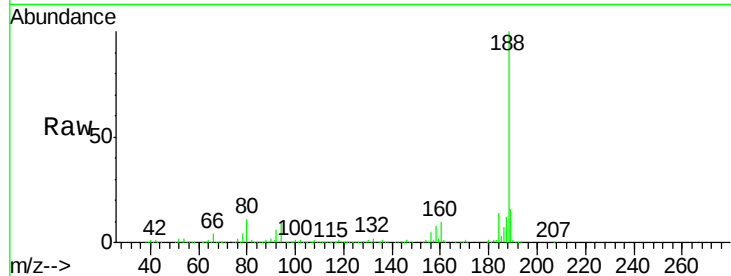




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114464.D
Acq: 21 May 2019 18:57

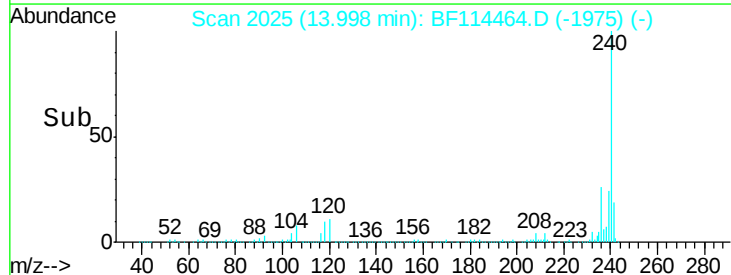
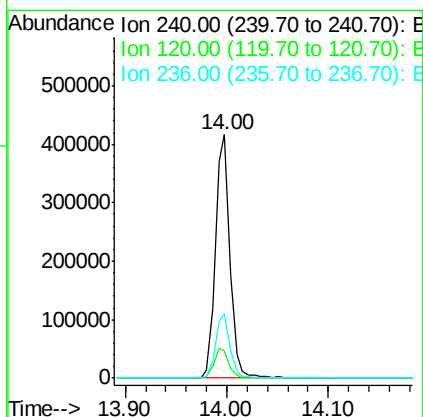
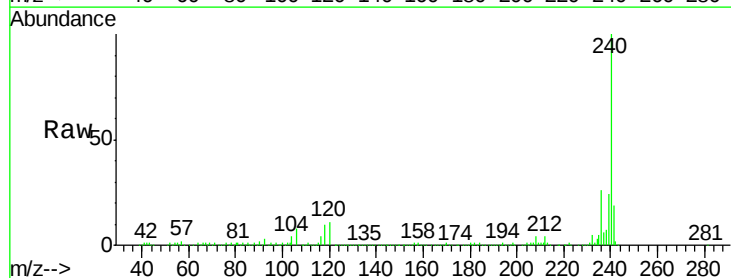
Instrument :
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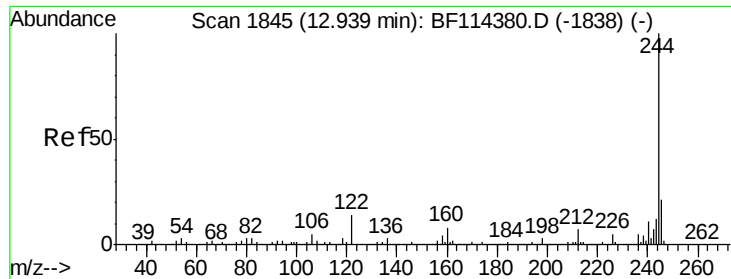
Tgt Ion:188 Resp: 706201
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 10.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114464.D
Acq: 21 May 2019 18:57

Tgt Ion:240 Resp: 415671
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 70.190 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114464.D

Acq: 21 May 2019 18:57

Instrument :

BNA_F

ClientSampleId :

FM5210

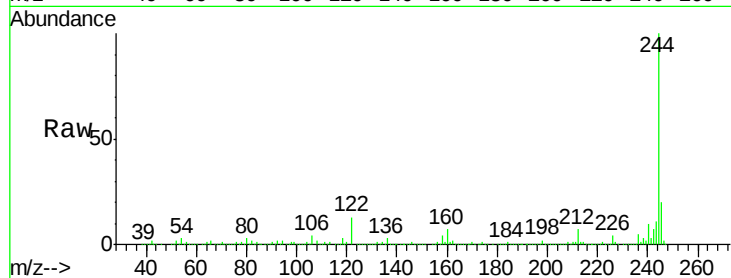
Tgt Ion:244 Resp: 1415329

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

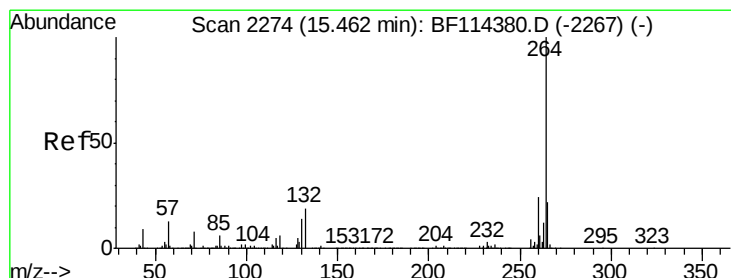
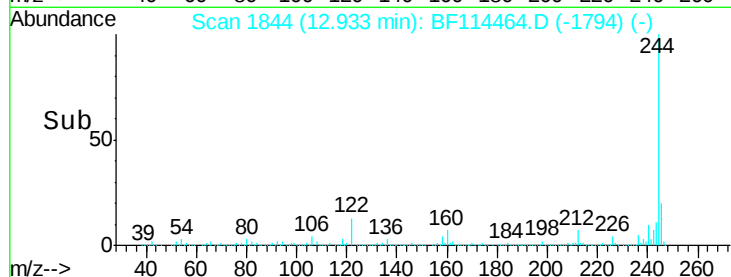
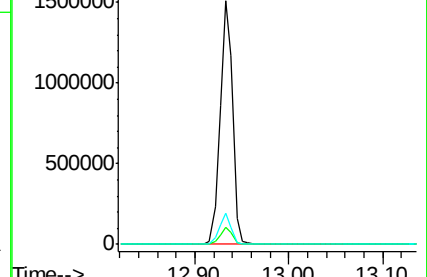
122 13.0 9.4 14.2



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# 2274

Delta R.T. 0.00 min

Lab File: BF114464.D

Acq: 21 May 2019 18:57

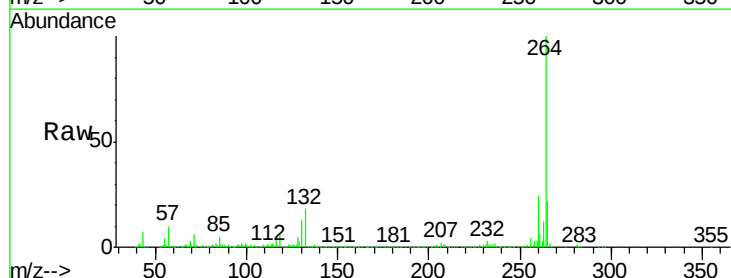
Tgt Ion:264 Resp: 433199

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.0 16.9 25.3



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

