

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120386.D
 Acq On : 21 May 2020 17:36
 Operator : MA/SJ
 Sample : L2722-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: May 22 01:40:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 14:56:56 2020
 Response via : Initial Calibration

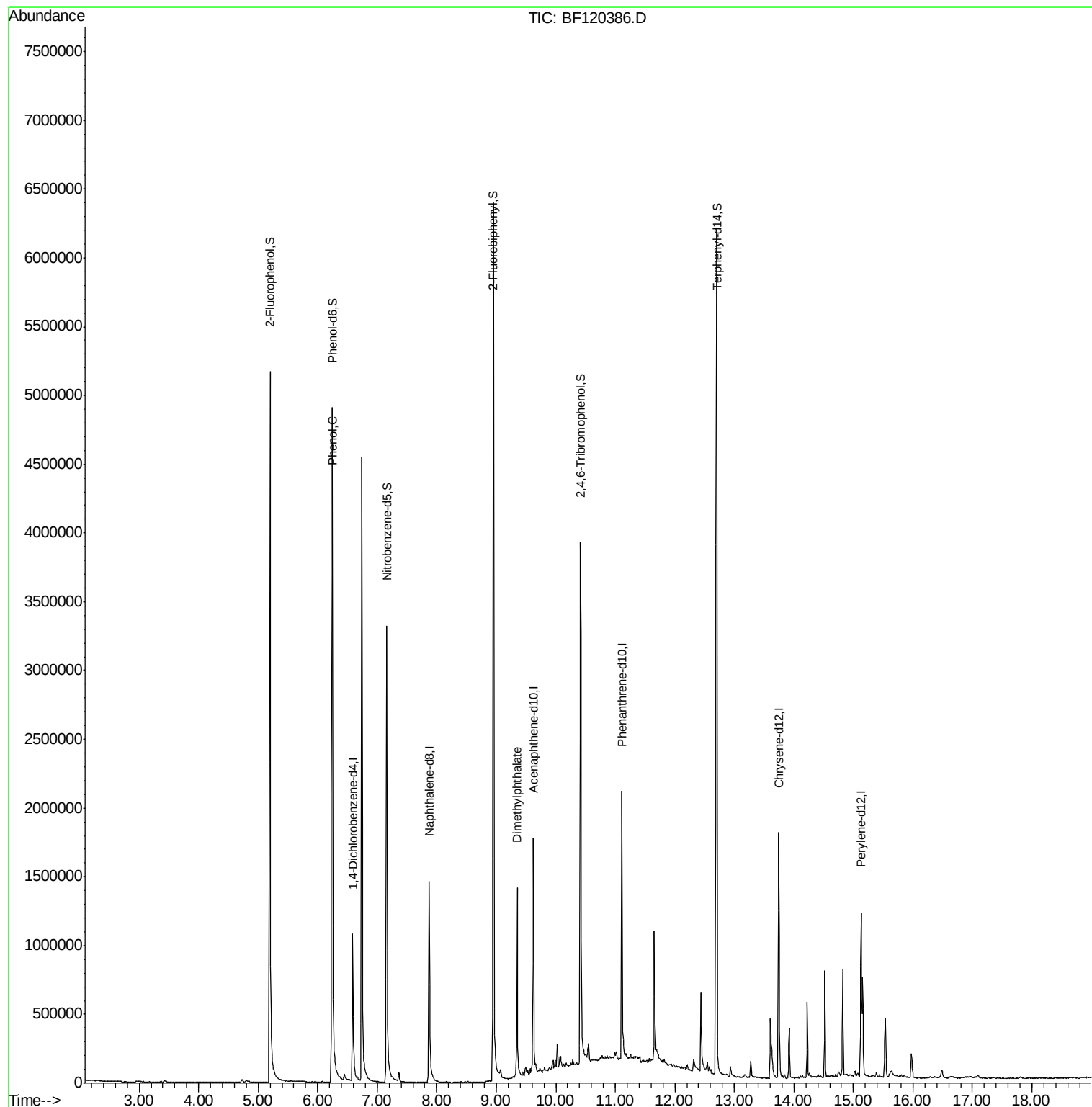
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	236782	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	951962	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	425329	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	867373	20.00	ng	0.00
76) Chrysene-d12	13.74	240	639589	20.00	ng	0.00
87) Perylene-d12	15.13	264	558174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1796282	147.61	ng	0.00
7) Phenol-d6	6.25	99	2486304	161.56	ng	0.00
23) Nitrobenzene-d5	7.16	82	1430927	102.91	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	576709	166.30	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2772570	133.92	ng	0.00
79) Terphenyl-d14	12.70	244	2661661	91.94	ng	0.00
Target Compounds						
10) Phenol	6.26	94	41676	2.320	ng	88
50) Dimethylphthalate	9.35	163	615188	22.881	ng	99

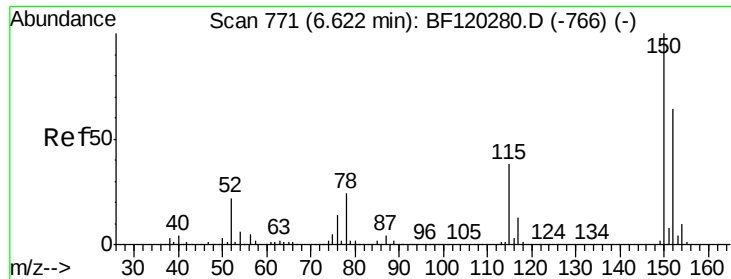
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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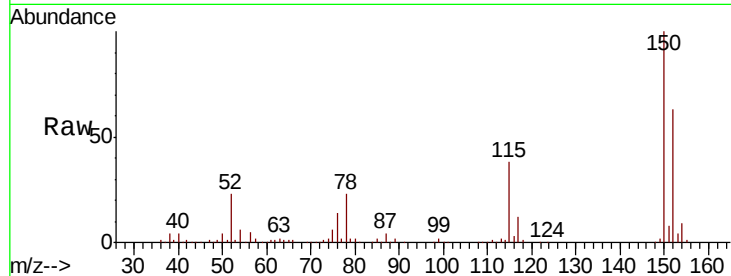


#1

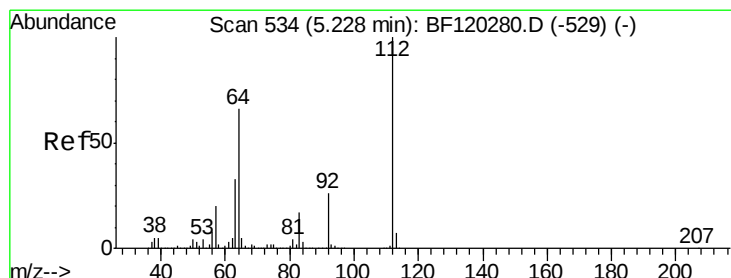
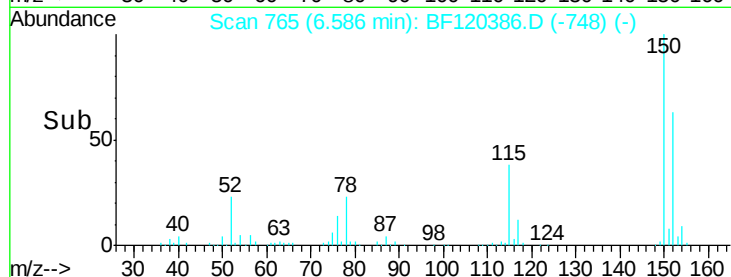
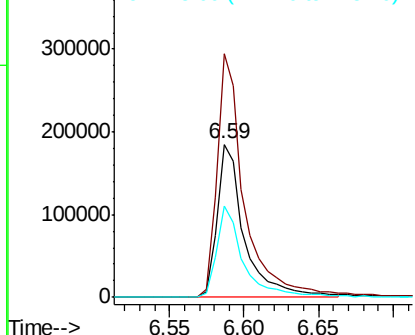
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120386.D
Acq: 21 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 236782
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 59.8 47.9 71.9



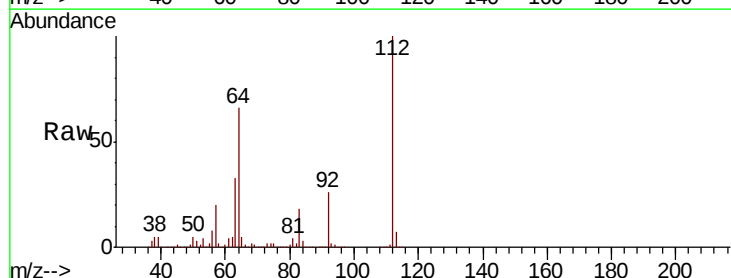
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



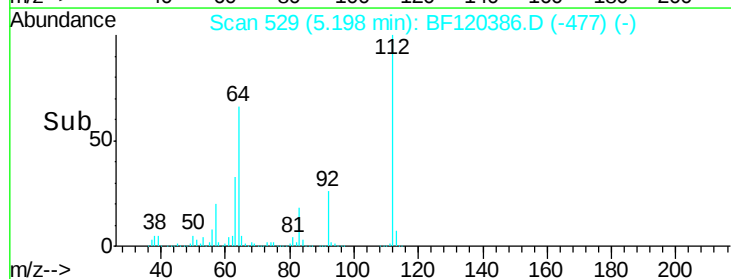
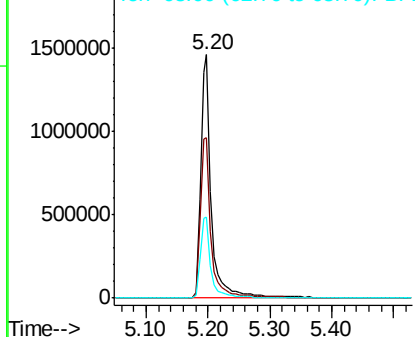
#5

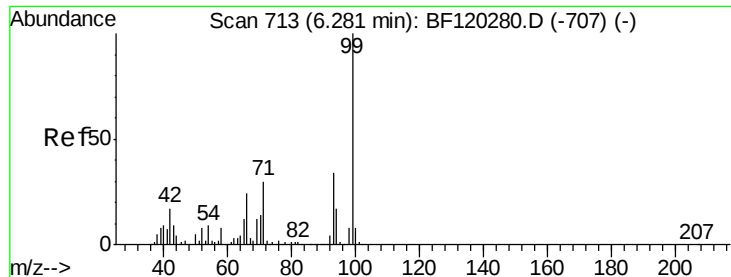
2-Fluorophenol
Concen: 147.606 ng
RT: 5.20 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF120386.D
Acq: 21 May 2020 17:36

Tgt Ion:112 Resp: 1796282
Ion Ratio Lower Upper
112 100
64 66.0 52.7 79.1
63 33.0 26.2 39.4



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: 161.559 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

Instrument :

BNA_F

ClientSampleId :

COMP-1

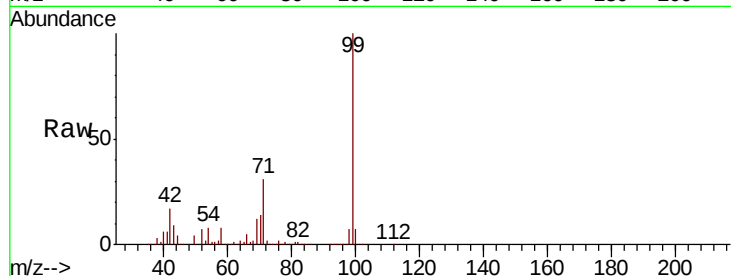
Tot Ion: 99 Resp: 2486304

Ion Ratio Lower Upper

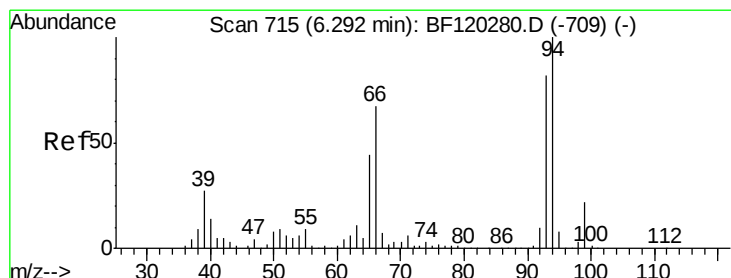
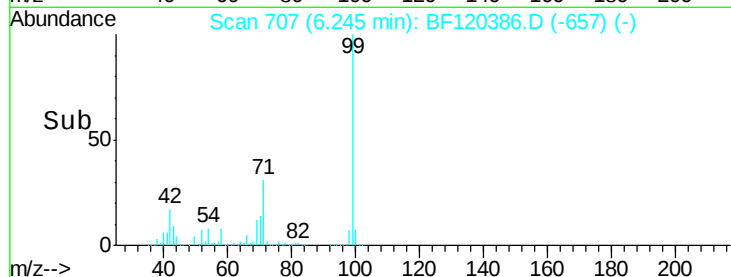
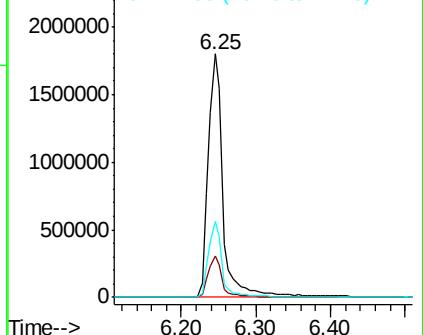
99 100

42 17.0 13.6 20.4

71 31.3 24.2 36.4



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: 2.320 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

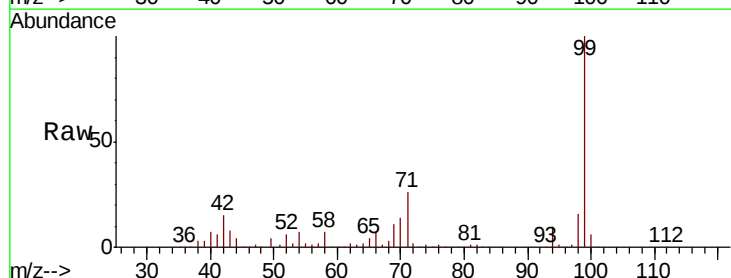
Tgt Ion: 94 Resp: 41676

Ion Ratio Lower Upper

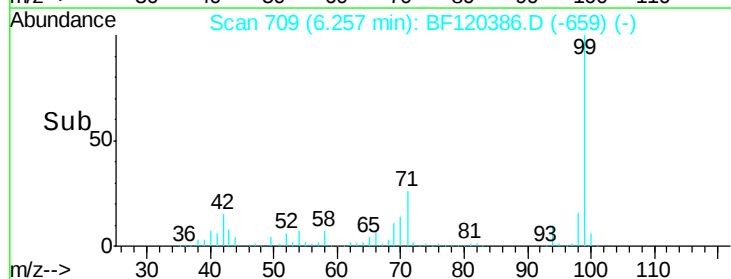
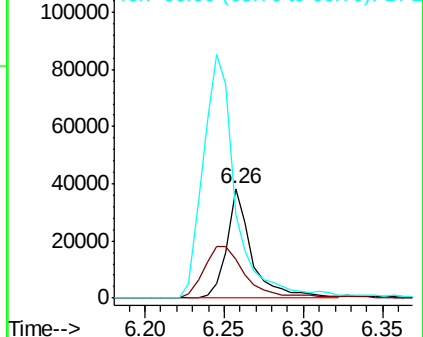
94 100

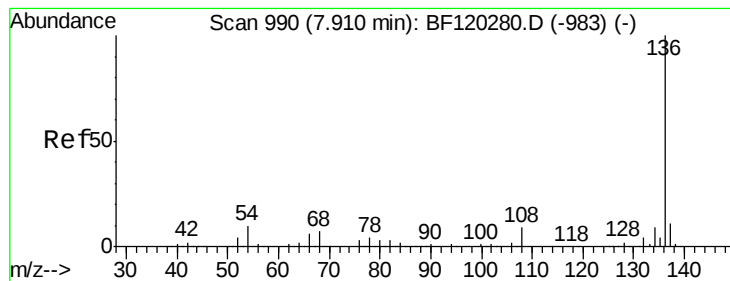
65 36.0 24.1 64.1

66 76.3 47.5 87.5



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

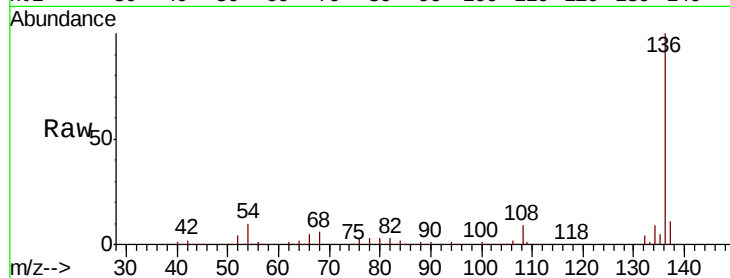




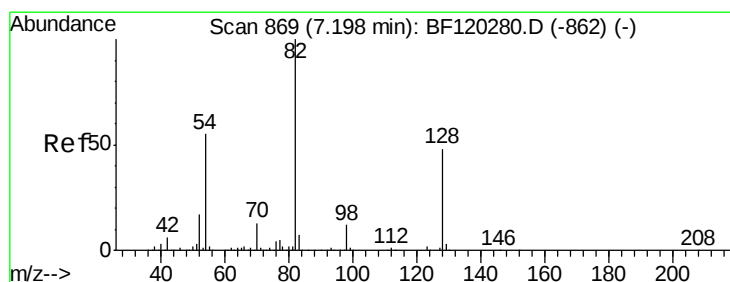
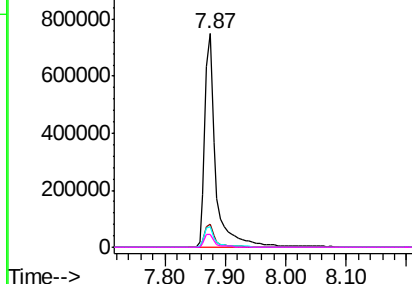
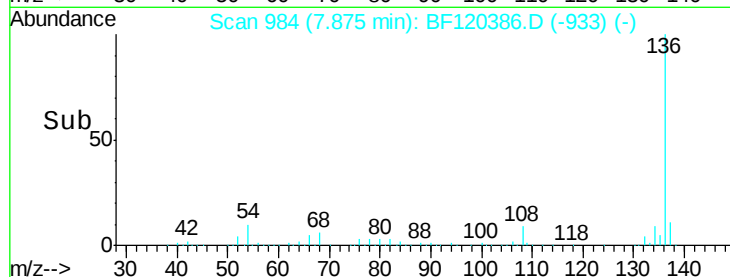
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF120386.D
Acq: 21 May 2020 17:36

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:136	Resp:	951962
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	9.8	7.9 11.9
68	6.0	5.4 8.2

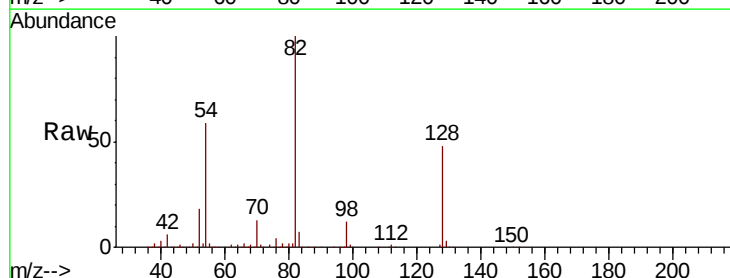


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

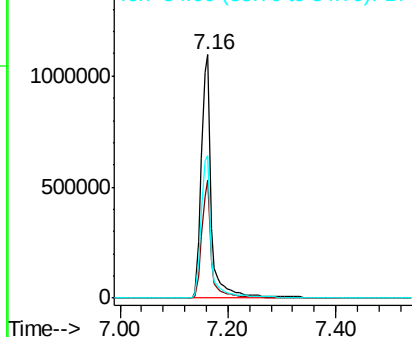
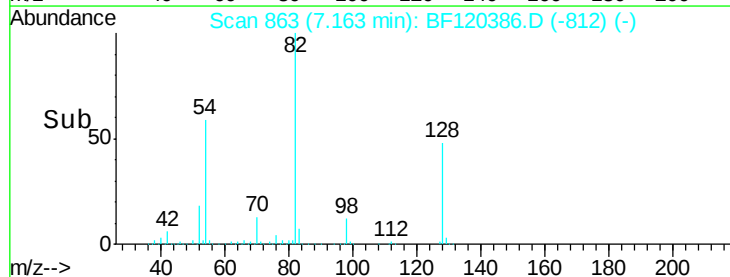


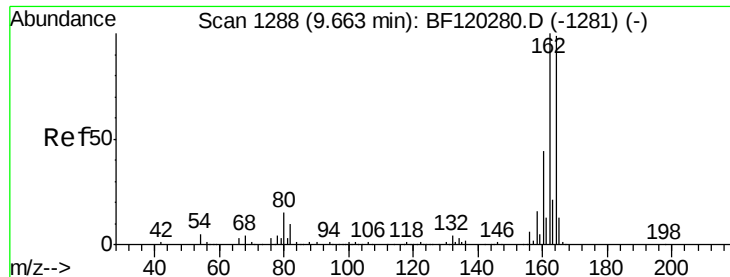
#23
Nitrobenzene-d5
Concen: 102.914 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF120386.D
Acq: 21 May 2020 17:36

Tgt Ion: 82	Resp:	1430927
Ion Ratio	Lower	Upper
82	100	
128	48.4	38.3 57.5
54	58.8	43.9 65.9



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: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

Instrument :

BNA_F

ClientSampleId :

COMP-1

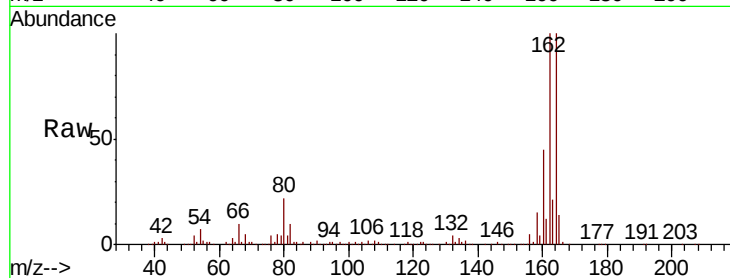
Tot Ion:164 Resp: 425329

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

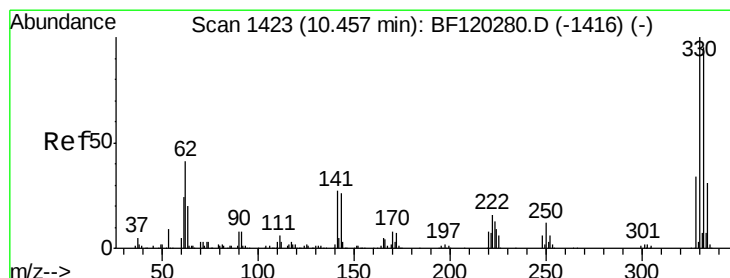
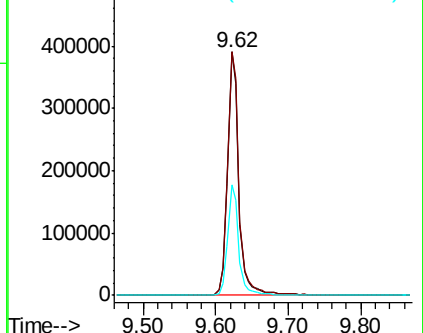
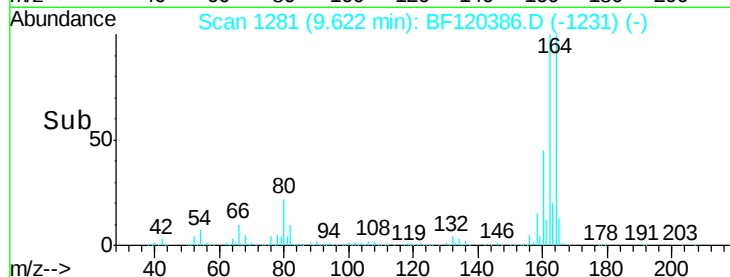
160 45.4 35.8 53.6



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: 166.299 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

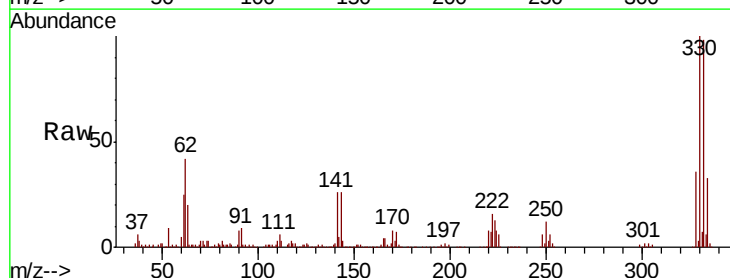
Tgt Ion:330 Resp: 576709

Ion Ratio Lower Upper

330 100

332 96.1 76.5 114.7

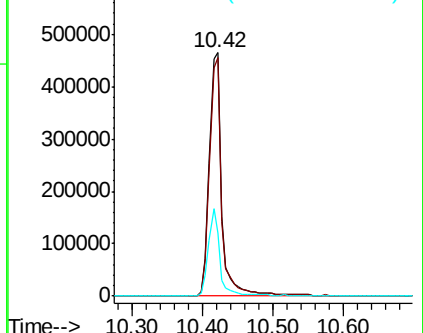
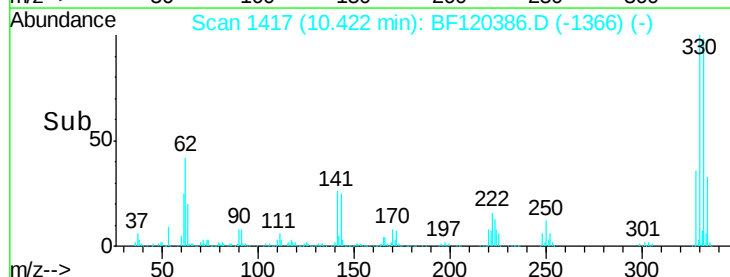
141 32.3 25.4 38.0

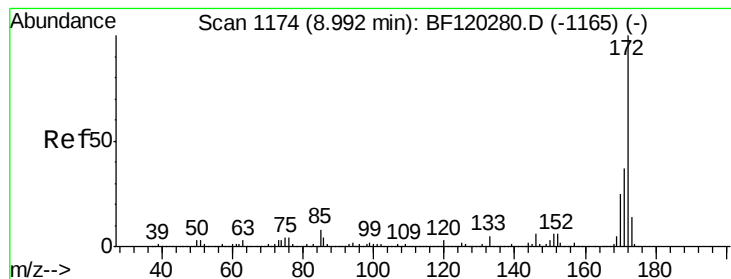


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 133.924 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

Instrument :

BNA_F

ClientSampleId :

COMP-1

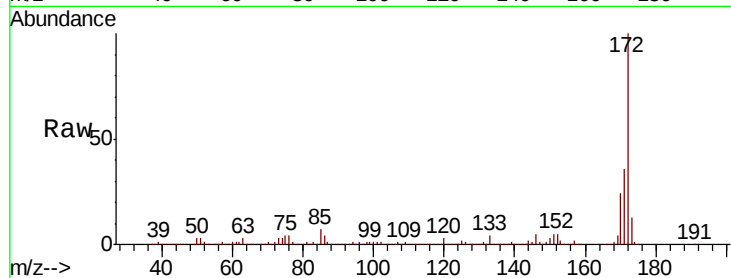
Tot Ion:172 Resp: 2772570

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

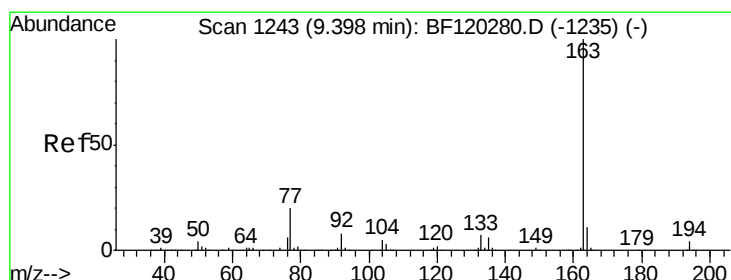
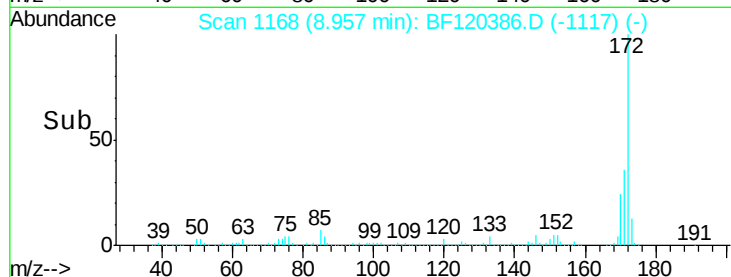
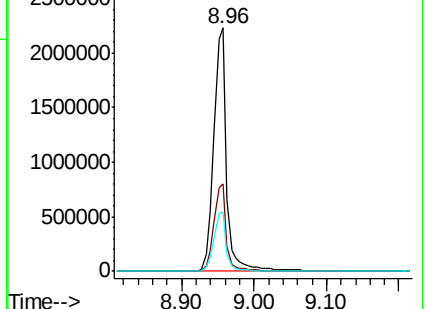
170 24.1 19.9 29.9



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: 22.881 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.02 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

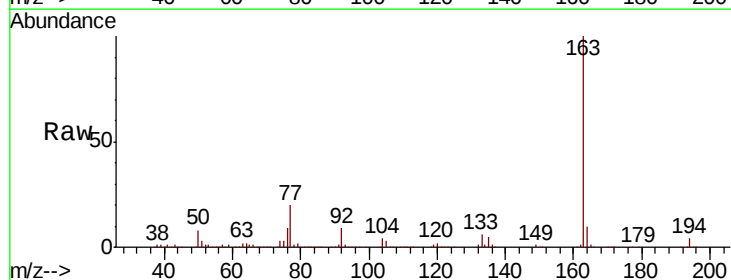
Tgt Ion:163 Resp: 615188

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

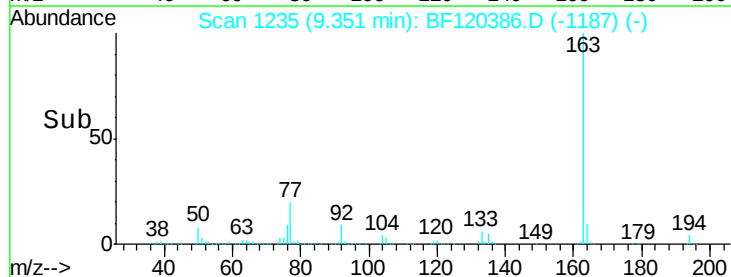
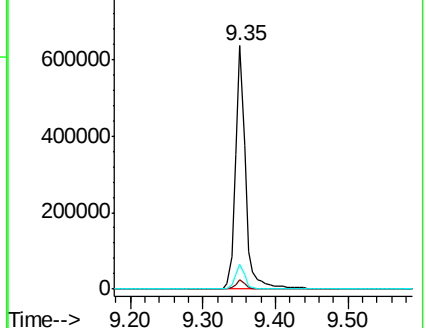
164 10.2 8.6 12.8

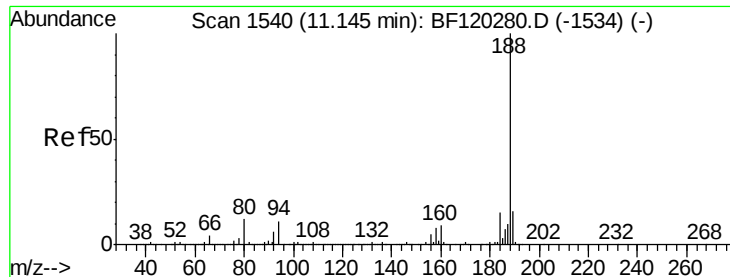


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

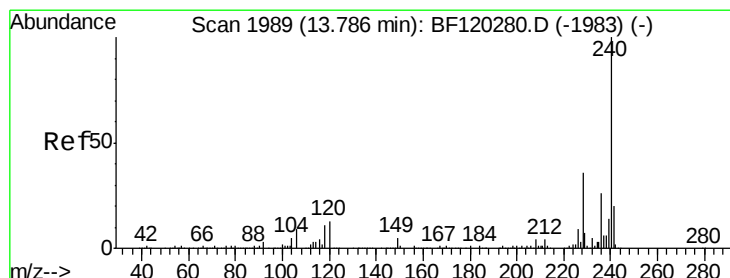
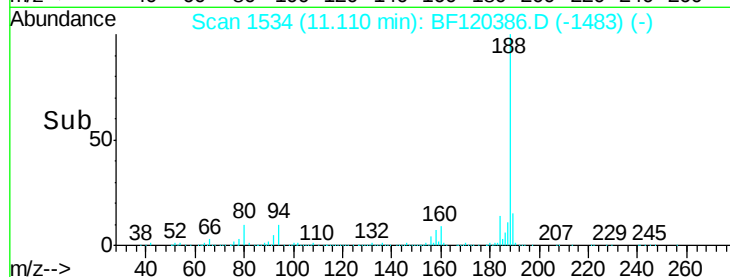
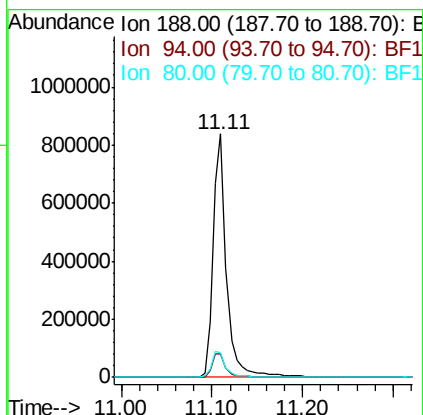
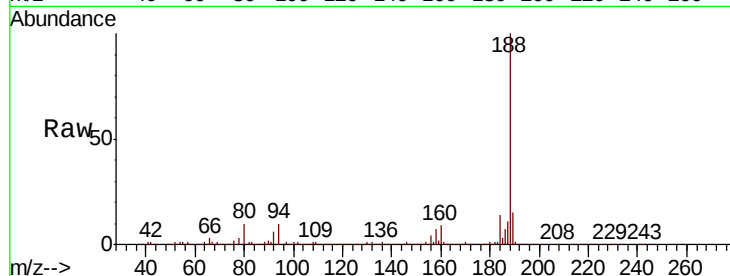




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120386.D
Acq: 21 May 2020 17:36

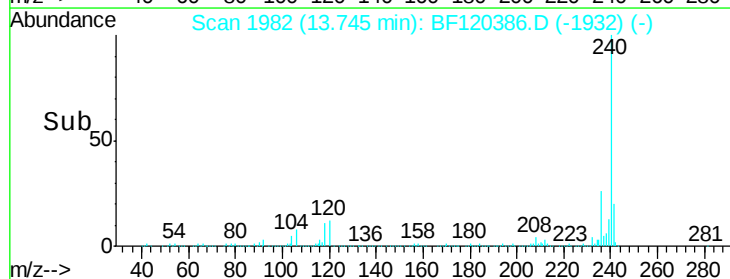
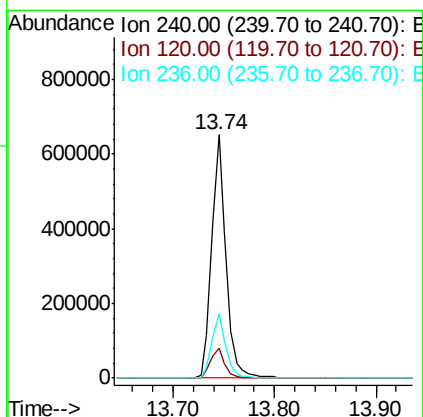
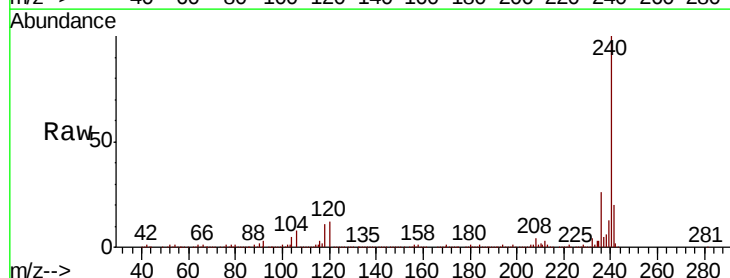
Instrument :
BNA_F
ClientSampled :
COMP-1

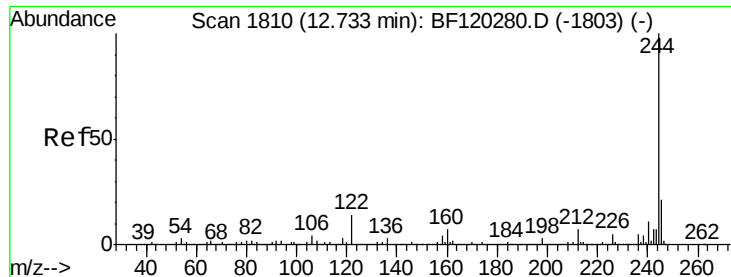
Tot Ion:188 Resp: 867373
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120386.D
Acq: 21 May 2020 17:36

Tgt Ion:240 Resp: 639589
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 26.5 21.0 31.6





#79

Terphenyl-d14

Concen: 91.937 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

Instrument :

BNA_F

ClientSampleId :

COMP-1

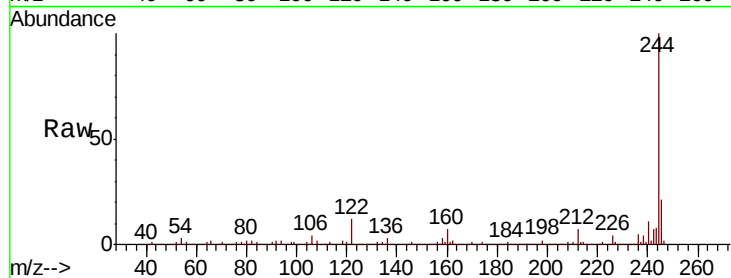
Tot Ion:244 Resp: 2661661

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

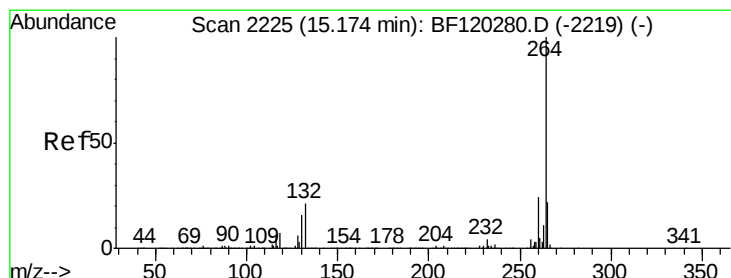
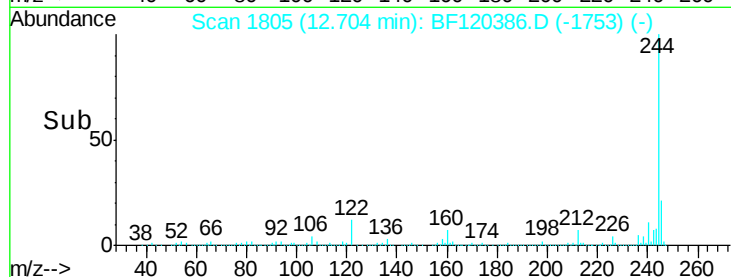
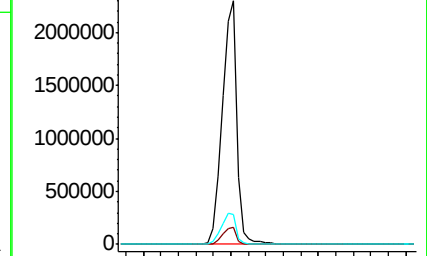
122 12.4 10.8 16.2



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: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF120386.D

Acq: 21 May 2020 17:36

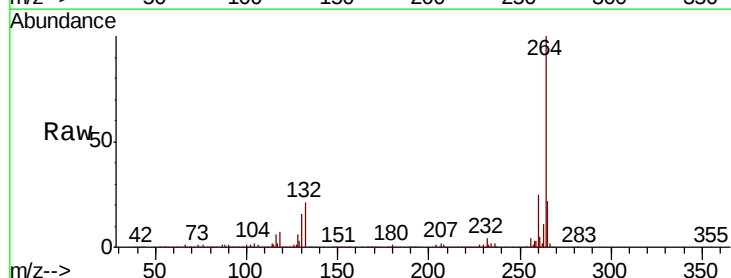
Tgt Ion:264 Resp: 558174

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 21.8 17.5 26.3



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

