

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120221.D
 Acq On : 27 Apr 2020 16:16
 Operator : MA/SJ
 Sample : L2422-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCK-ISLAND-ROLLOFF

Quant Time: Apr 27 16:55:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

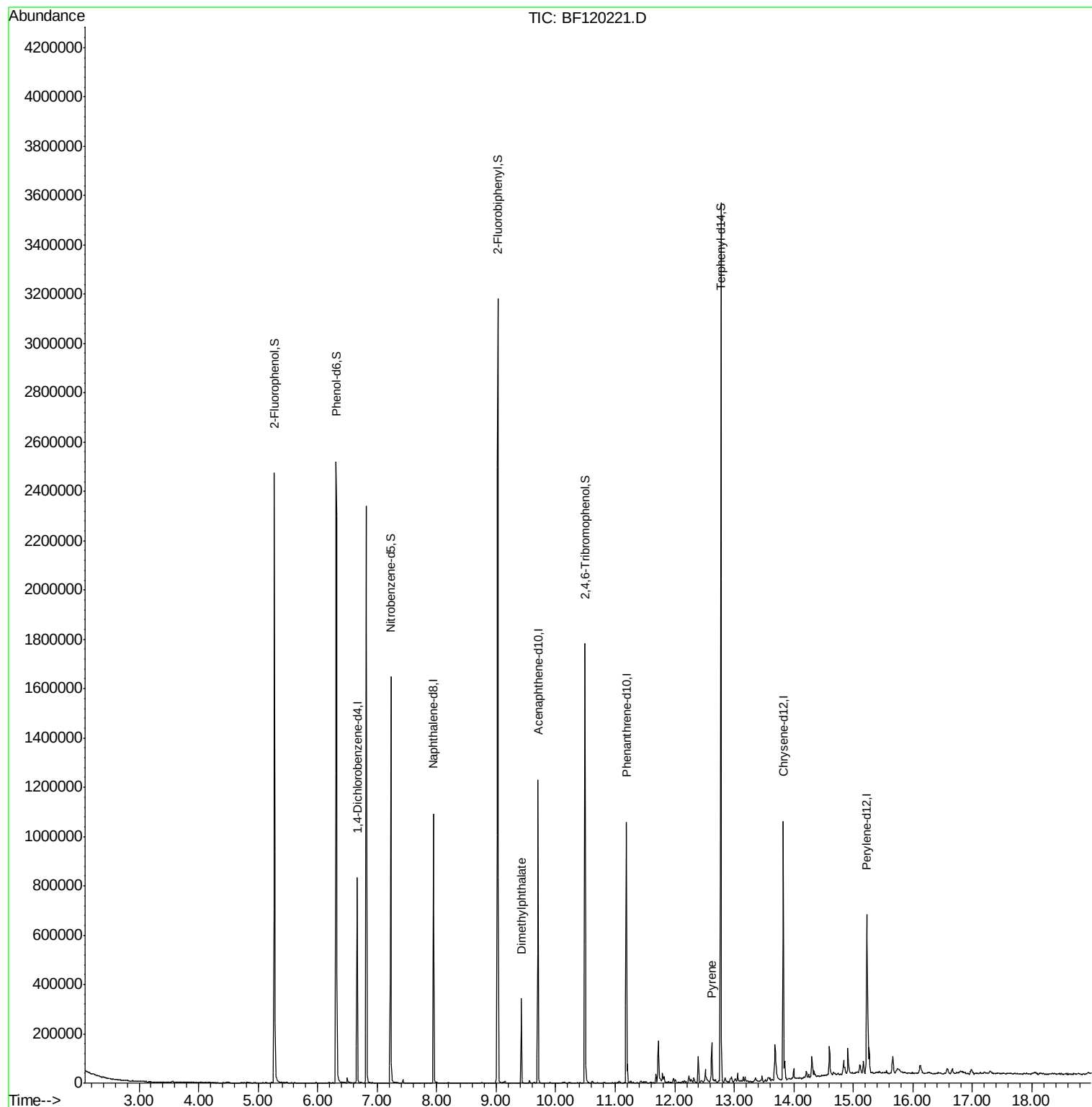
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	120267	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	456396	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	238068	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	407501	20.00	ng	0.00
76) Chrysene-d12	13.82	240	326183	20.00	ng	-0.02
87) Perylene-d12	15.23	264	277027	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	644776	92.65	ng	0.00
7) Phenol-d6	6.31	99	867521	96.74	ng	-0.02
23) Nitrobenzene-d5	7.23	82	488319	55.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	208761	71.62	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	972232	57.98	ng	0.00
79) Terphenyl-d14	12.77	244	1217150	62.79	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.42	163	121904	6.620	ng	99
78) Pyrene	12.62	202	65497	2.382	ng	96

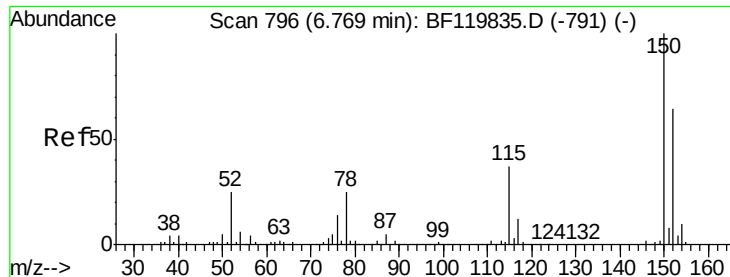
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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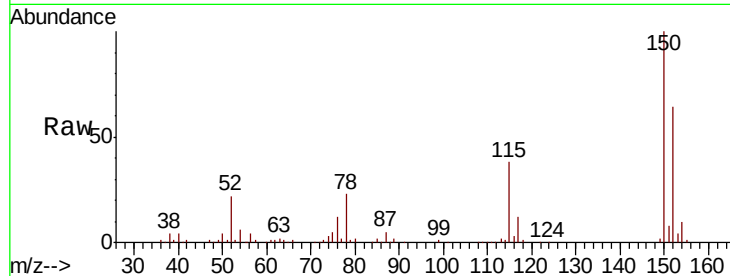


#1

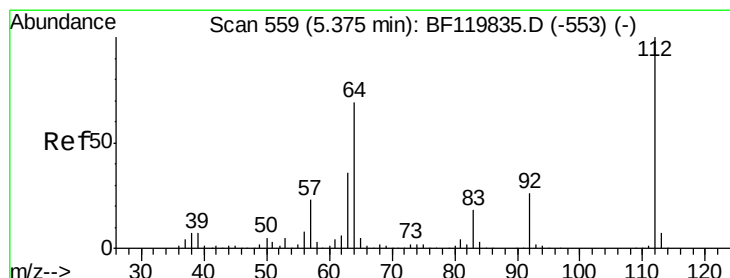
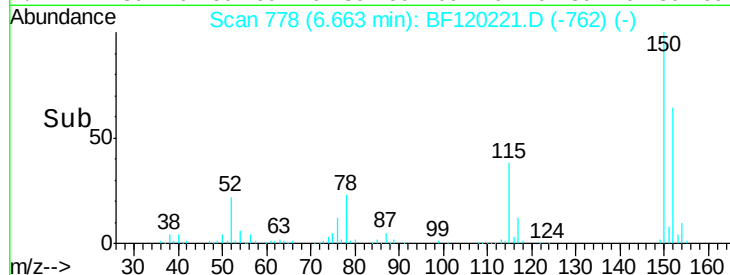
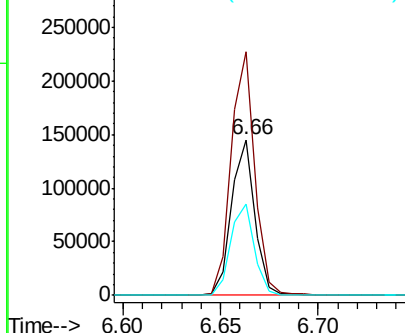
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120221.D
Acq: 27 Apr 2020 16:16

Instrument :
BNA_F
ClientSampleId :
DUCK-ISLAND-ROLLOFF

Tot Ion:152 Resp: 120267
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 58.7 49.6 74.4



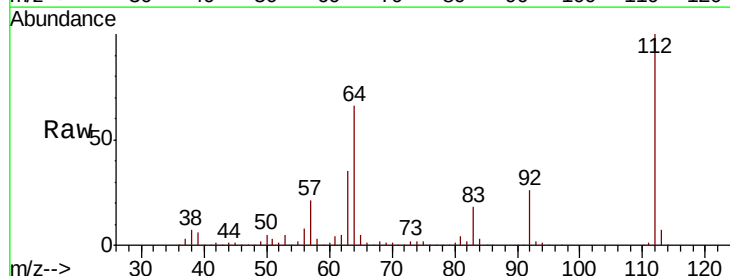
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



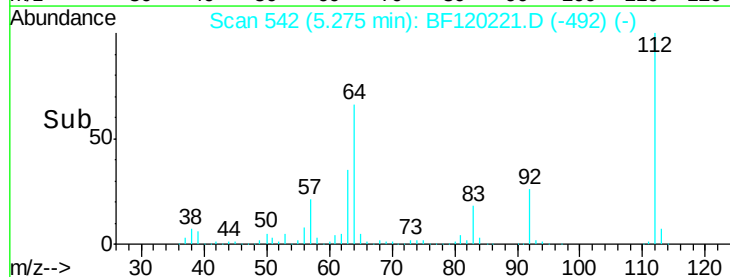
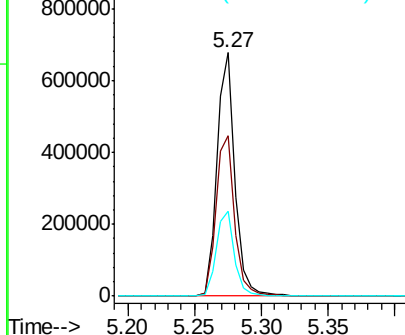
#5

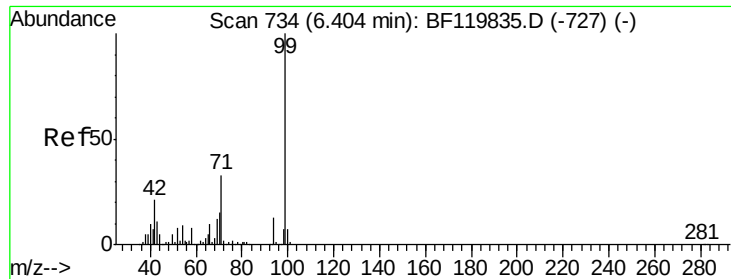
2-Fluorophenol
Concen: 92.651 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120221.D
Acq: 27 Apr 2020 16:16

Tgt Ion:112 Resp: 644776
Ion Ratio Lower Upper
112 100
64 66.1 56.7 85.1
63 35.0 29.5 44.3



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: 96.744 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

Instrument :

BNA_F

ClientSampleId :

DUCK-ISLAND-ROLLOFF

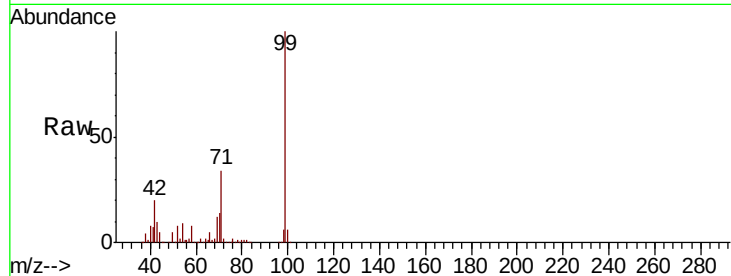
Tot Ion: 99 Resp: 867521

Ion Ratio Lower Upper

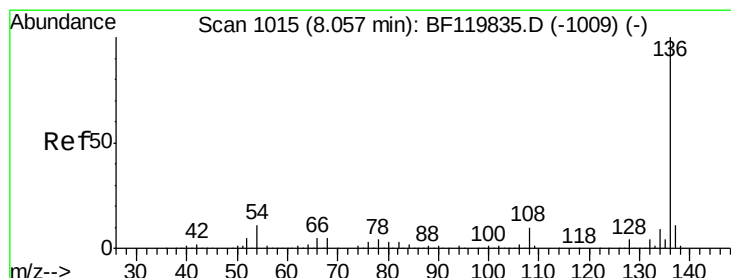
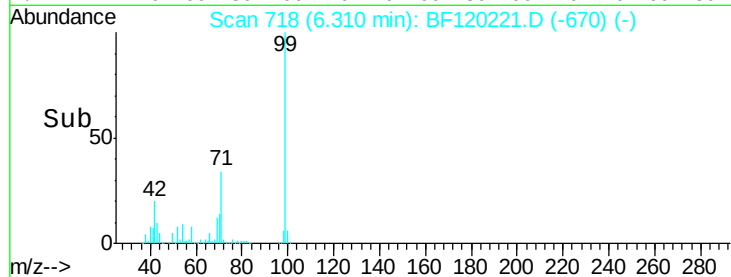
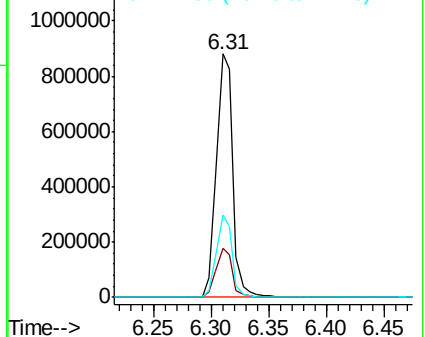
99 100

42 20.4 16.6 24.8

71 33.8 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

Tgt Ion: 136 Resp: 456396

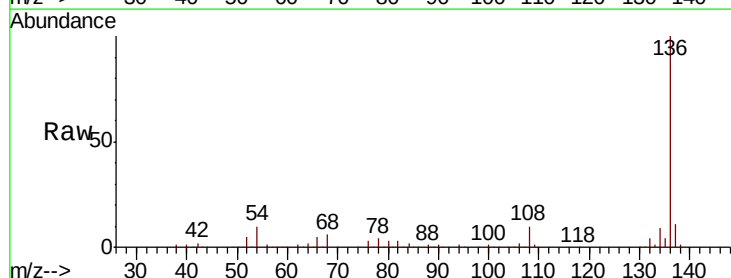
Ion Ratio Lower Upper

136 100

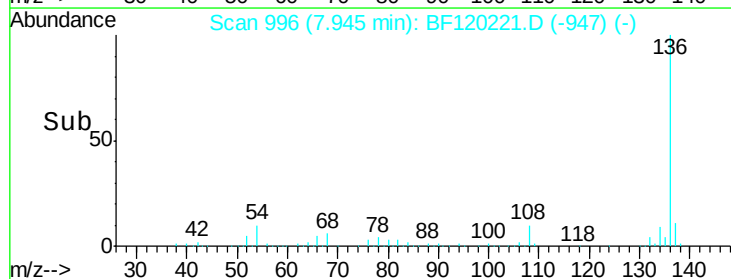
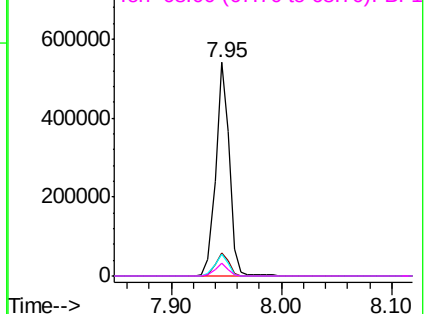
137 10.7 8.7 13.1

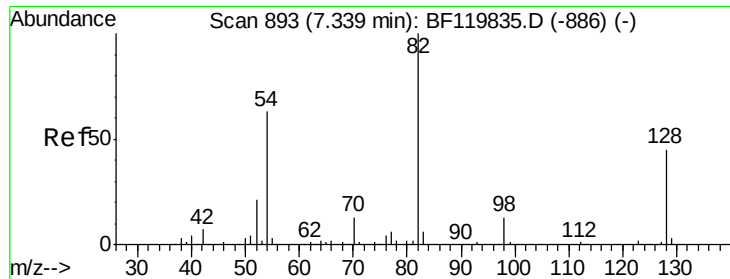
54 10.3 9.1 13.7

68 6.0 4.6 6.8



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

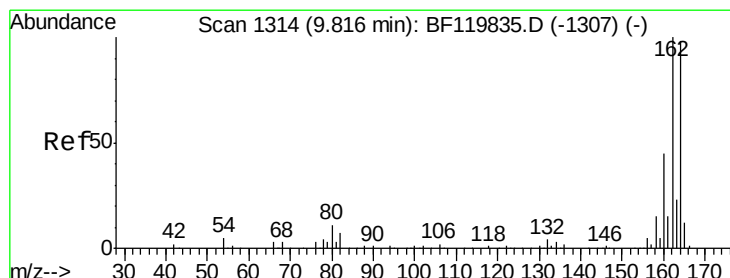
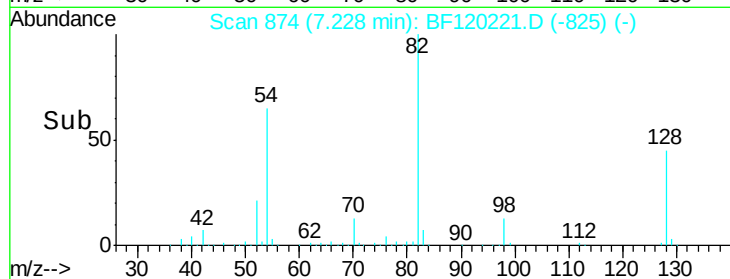
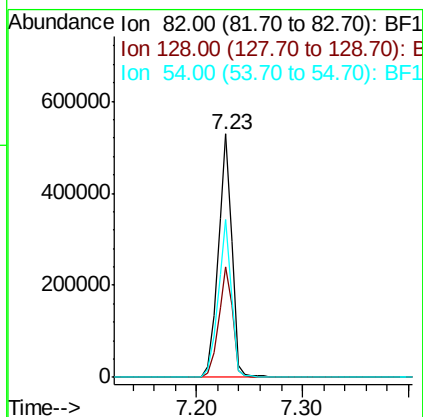
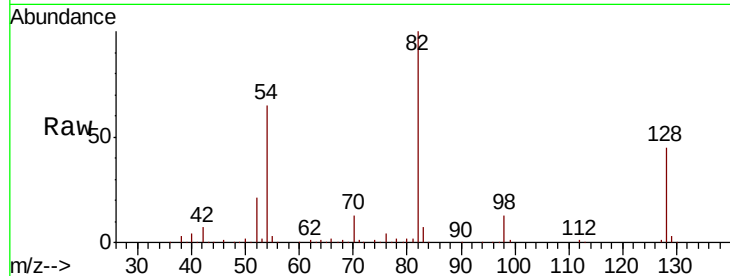




#23
Nitrobenzene-d5
Concen: 55.352 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120221.D
Acq: 27 Apr 2020 16:16

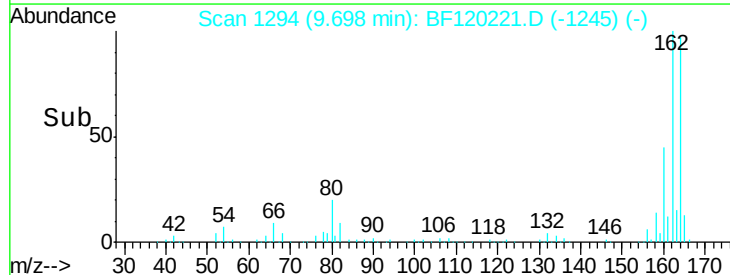
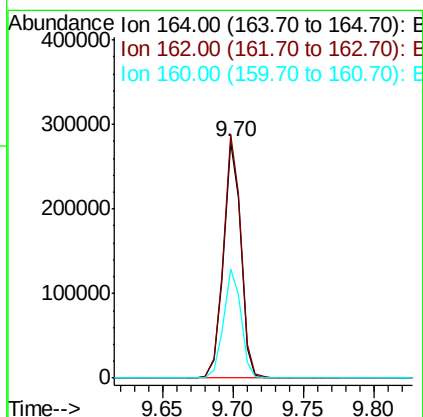
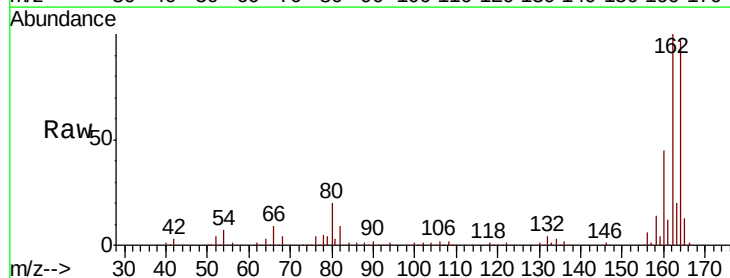
Instrument :
BNA_F
ClientSampleId :
DUCK-ISLAND-ROLLOFF

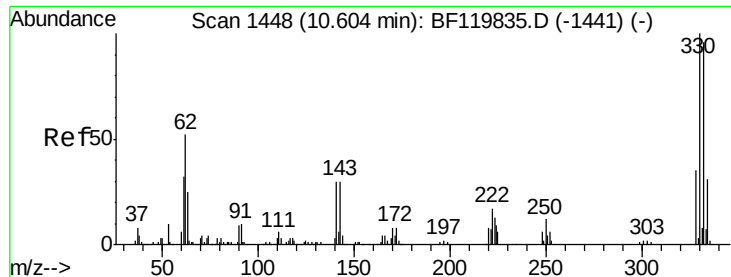
Tot Ion: 82 Resp: 488319
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 64.6 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120221.D
Acq: 27 Apr 2020 16:16

Tgt Ion: 164 Resp: 238068
Ion Ratio Lower Upper
164 100
162 102.9 80.6 121.0
160 46.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 71.622 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

Instrument :

BNA_F

ClientSampleId :

DUCK-ISLAND-ROLLOFF

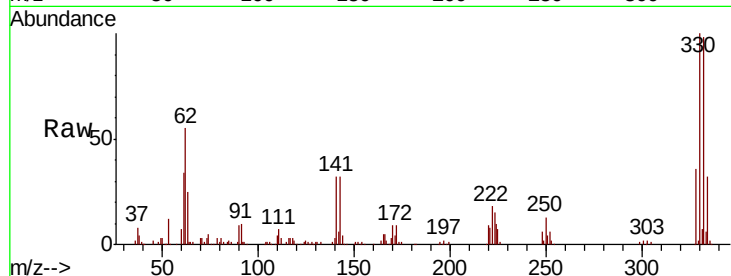
Tot Ion:330 Resp: 208761

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

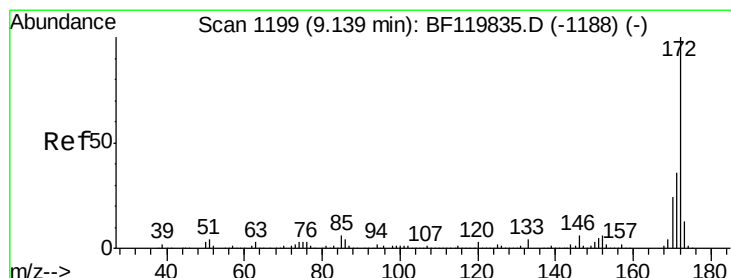
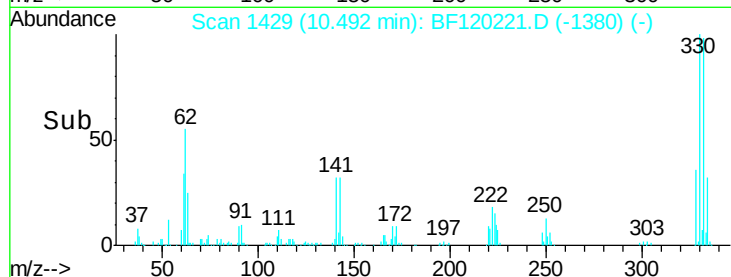
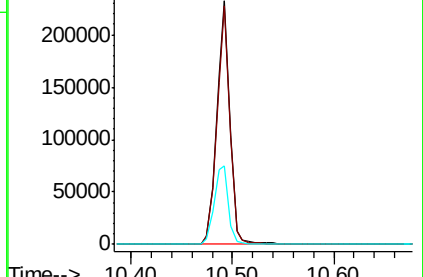
141 35.1 25.4 38.0



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: 57.982 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

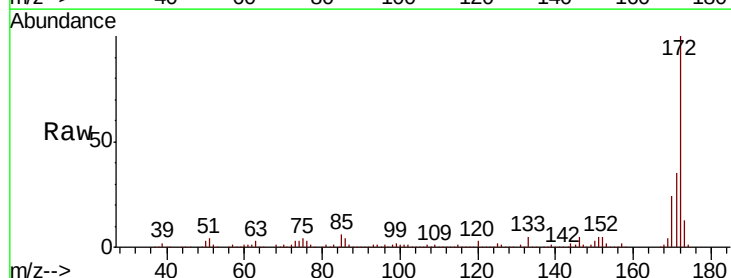
Tgt Ion:172 Resp: 972232

Ion Ratio Lower Upper

172 100

171 35.3 29.6 44.4

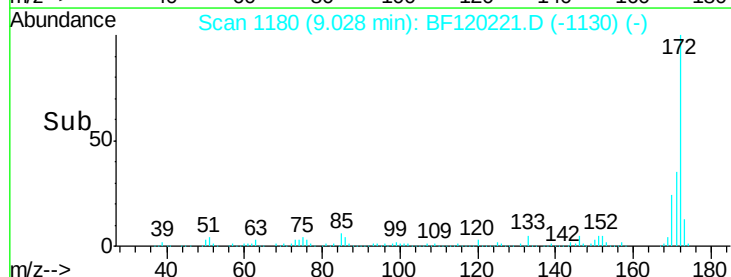
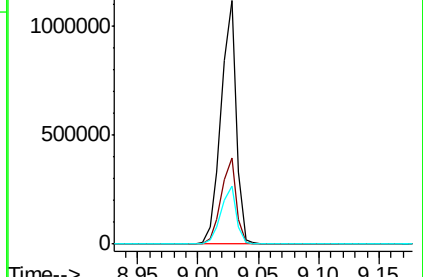
170 23.9 20.2 30.2

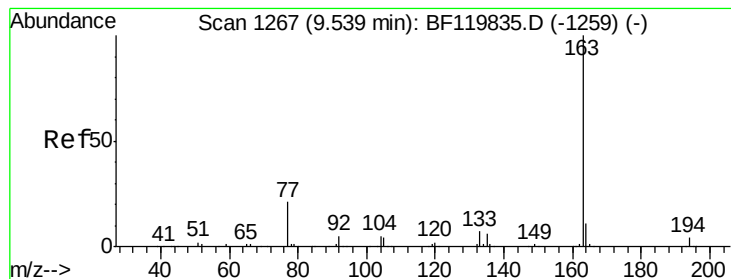


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.620 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

Instrument :

BNA_F

ClientSampleId :

DUCK-ISLAND-ROLLOFF

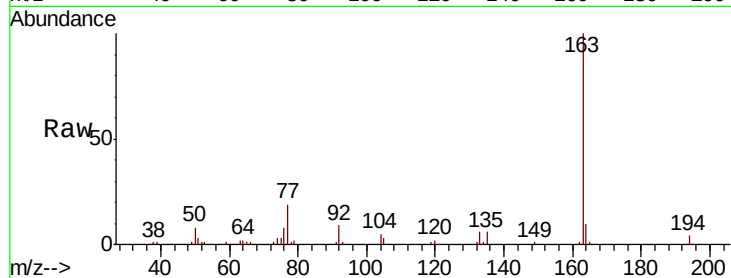
Tot Ion:163 Resp: 121904

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.9 8.2 12.2

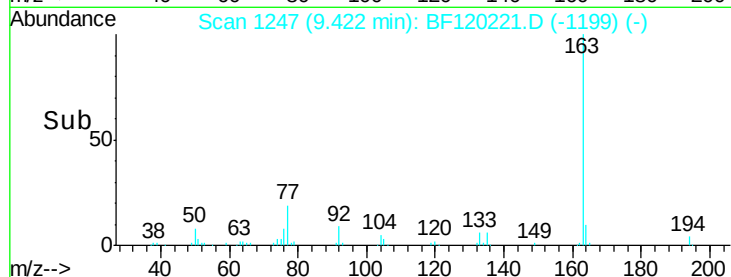


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

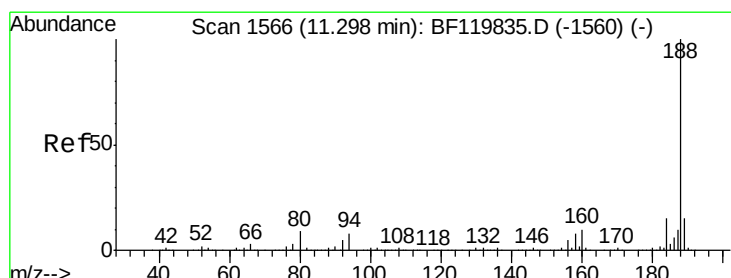
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

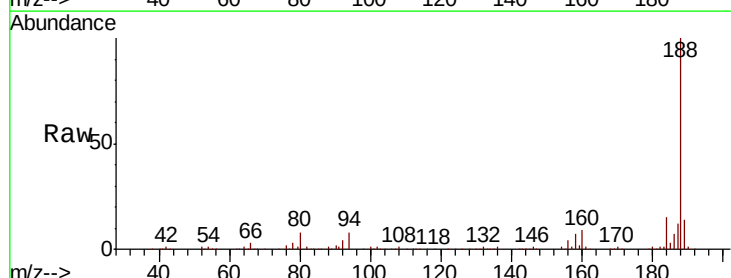
Tgt Ion:188 Resp: 407501

Ion Ratio Lower Upper

188 100

94 7.5 7.5 11.3

80 8.4 9.0 13.4#

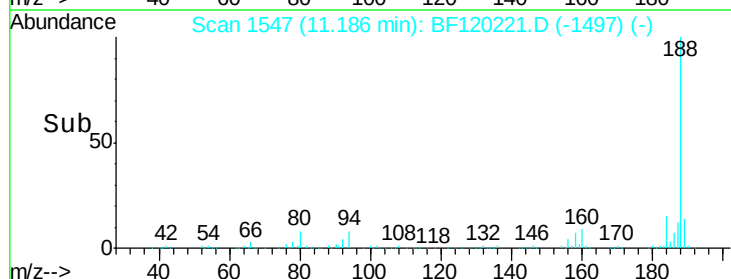


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

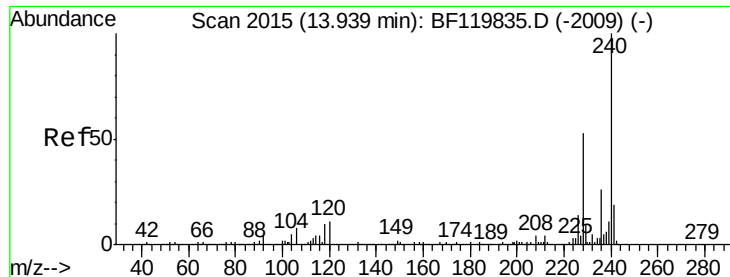
Ion 80.00 (79.70 to 80.70): BF1

Time-->



Abundance

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

Instrument :

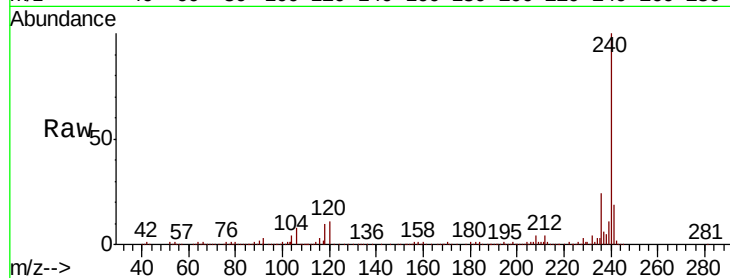
BNA_F

ClientSampleId :

DUCK-ISLAND-ROLLOFF

Tot Ion:240 Resp: 326183

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.6	15.8
236	24.5	20.2	30.2

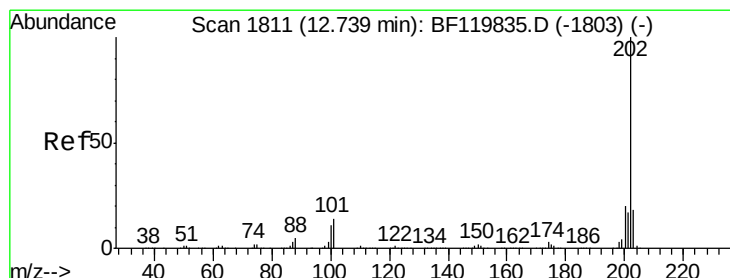
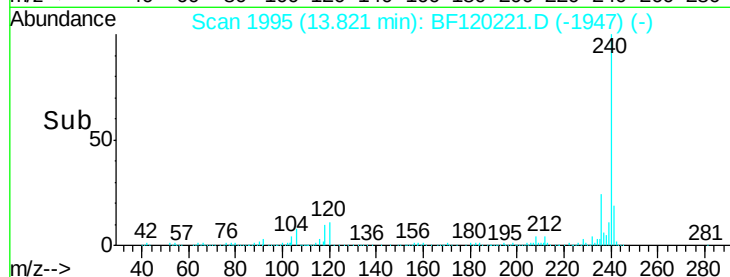
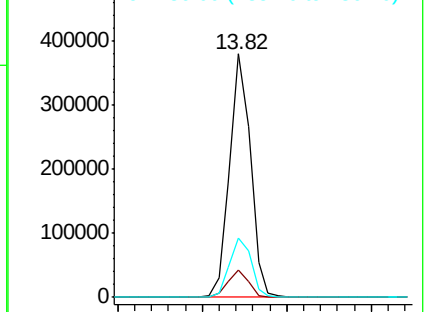


Abundance

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



#78

Pyrene

Concen: 2.382 ng

RT: 12.62 min Scan# 1791

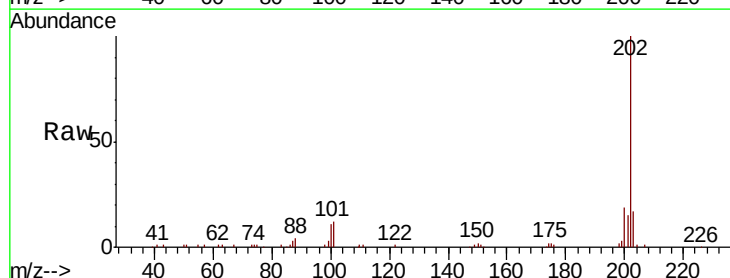
Delta R.T. -0.02 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

Tgt Ion:202 Resp: 65497

Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.8	25.2
203	17.3	15.1	22.7

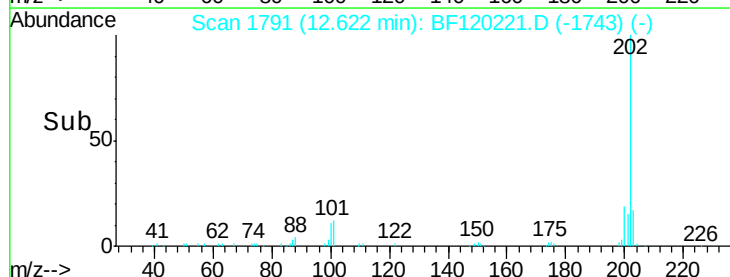
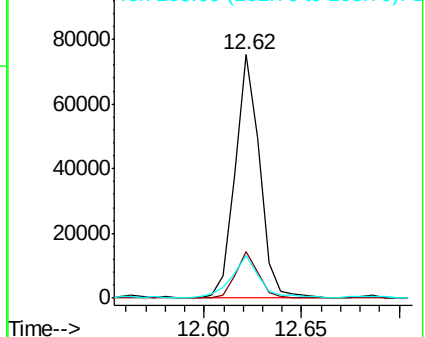


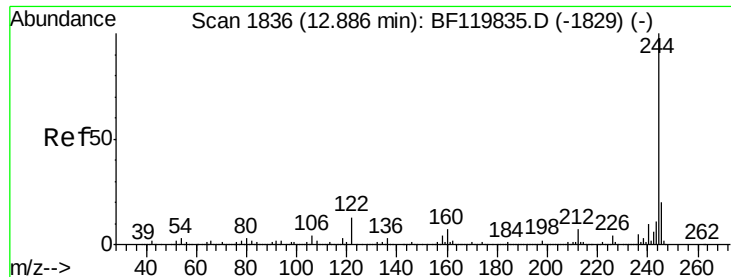
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.788 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

Instrument :

BNA_F

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DUCK-ISLAND-ROLLOFF

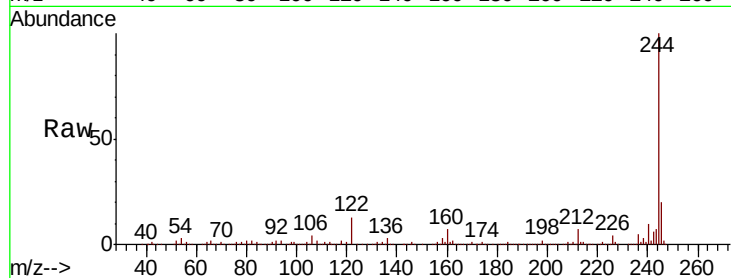
Tot Ion:244 Resp: 1217150

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

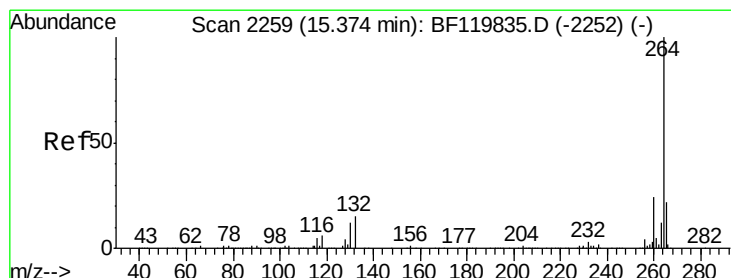
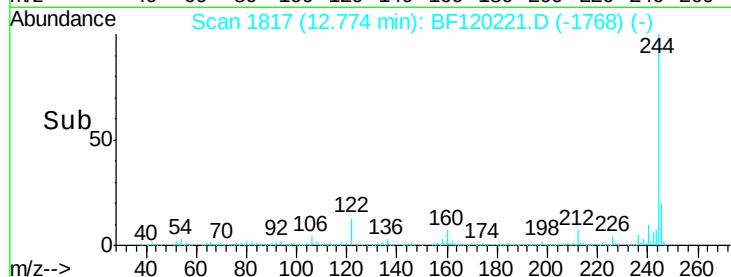
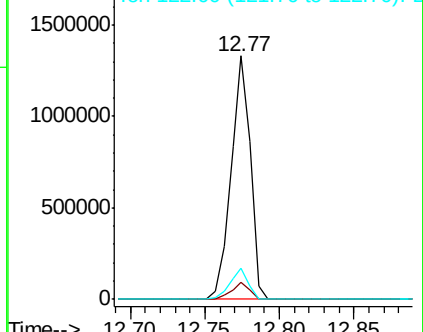
122 12.6 10.3 15.5



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF120221.D

Acq: 27 Apr 2020 16:16

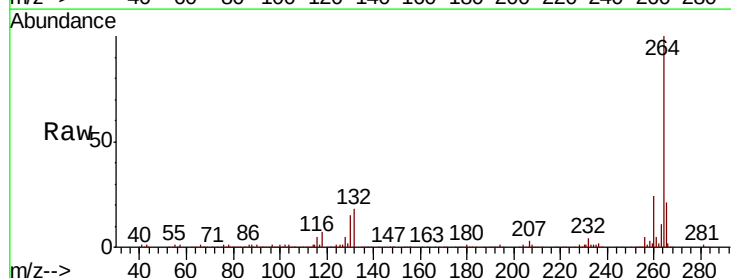
Tgt Ion:264 Resp: 277027

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.3 17.7 26.5



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

