

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121739.D
 Acq On : 29 Sep 2020 19:23
 Operator : JU/CG
 Sample : L3867-07 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092820

Quant Time: Sep 30 01:00:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

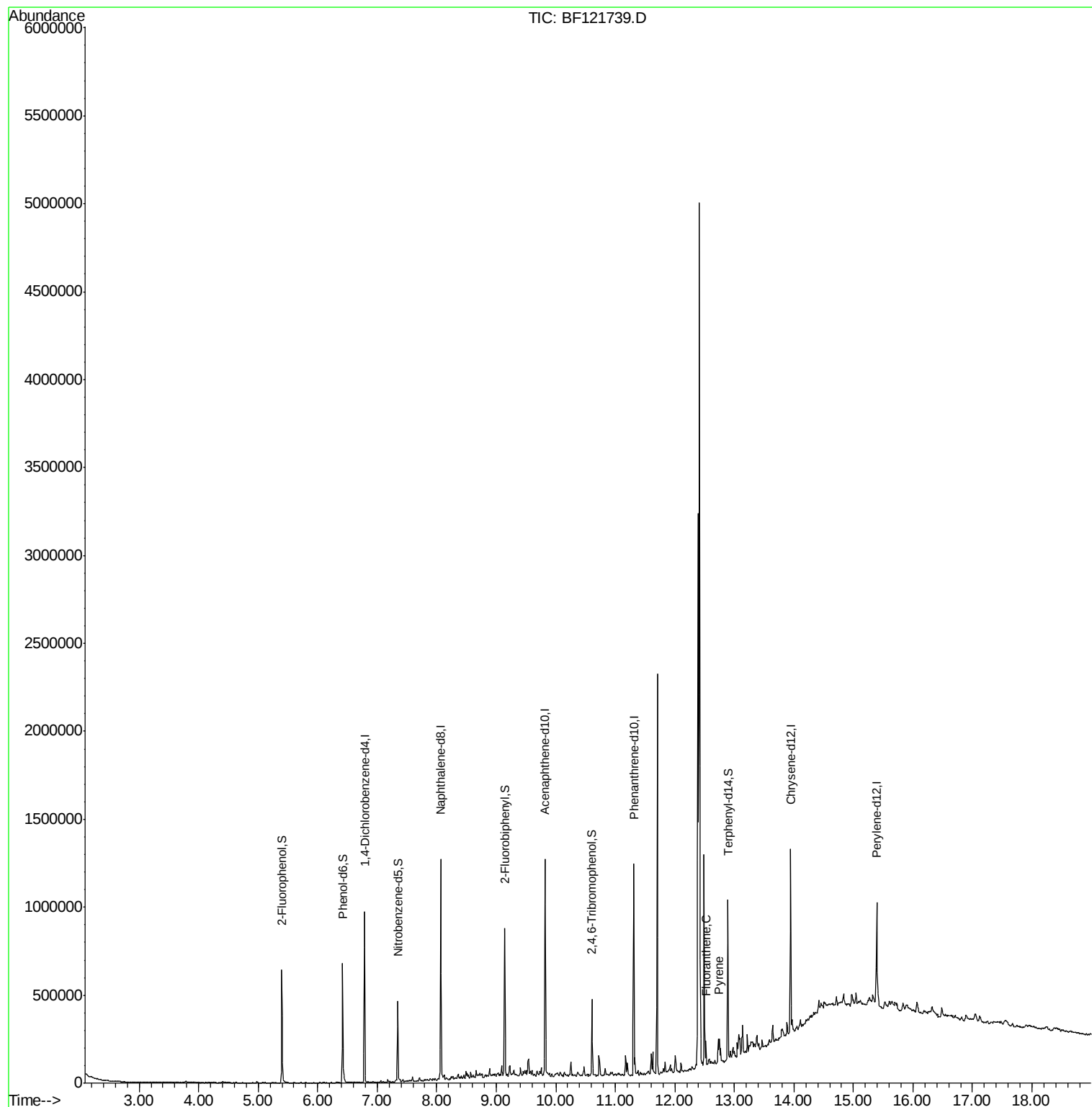
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	133102	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	494344	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	234583	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	413319	20.00	ng	0.00
76) Chrysene-d12	13.94	240	328912	20.00	ng	0.00
86) Perylene-d12	15.39	264	249577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	173246	19.34	ng	0.00
7) Phenol-d6	6.42	99	222174	18.91	ng	-0.01
23) Nitrobenzene-d5	7.35	82	131575	14.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	49241	16.89	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	260834	16.84	ng	0.00
79) Terphenyl-d14	12.89	244	259730	16.00	ng	0.00
Target Compounds						
75) Fluoranthene	12.52	202	54778	2.279	ng	99
78) Pyrene	12.75	202	55913	2.327	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

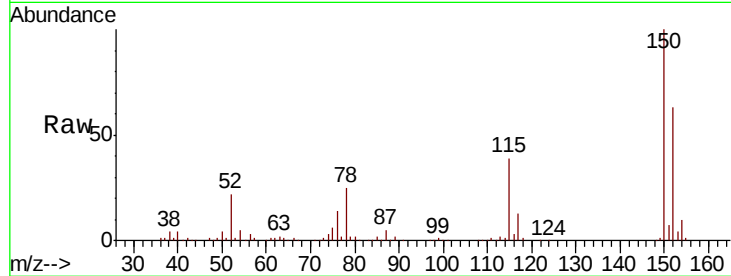
Tot Ion:152 Resp: 133102

Ion Ratio Lower Upper

152 100

150 158.4 125.8 188.8

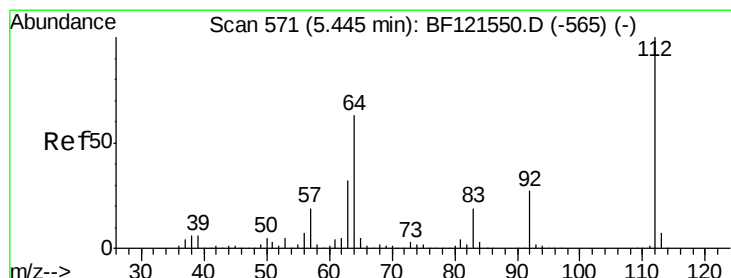
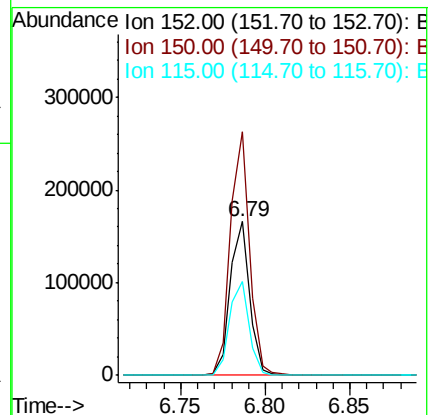
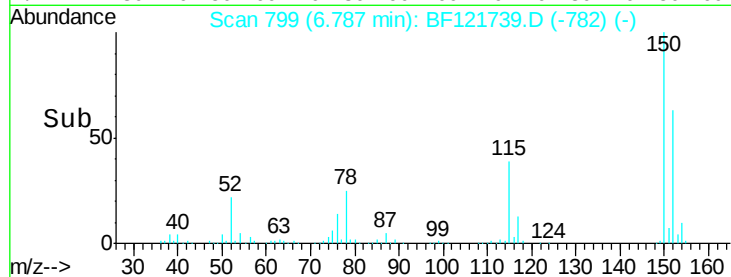
115 61.1 49.6 74.4



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: 19.343 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

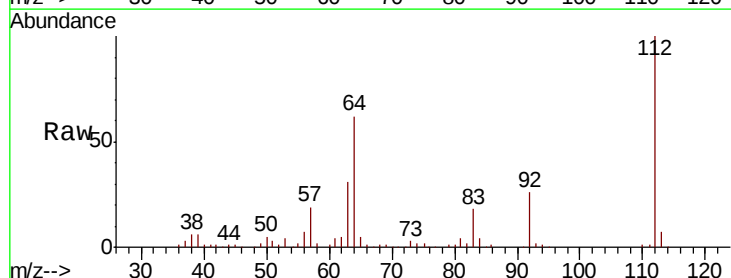
Tgt Ion:112 Resp: 173246

Ion Ratio Lower Upper

112 100

64 62.3 51.2 76.8

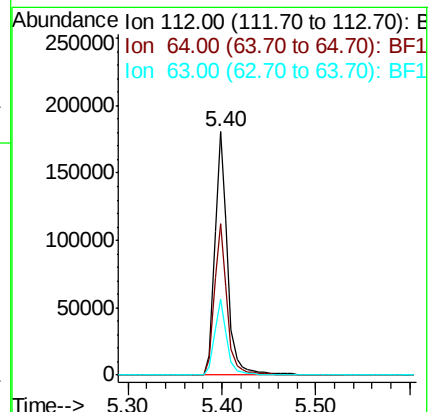
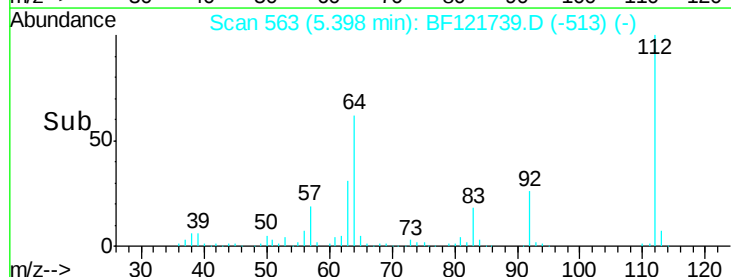
63 31.1 25.9 38.9

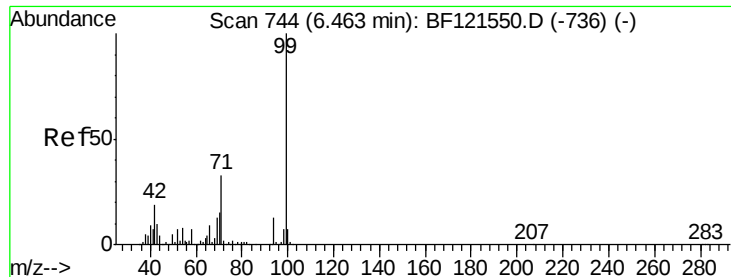


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.908 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

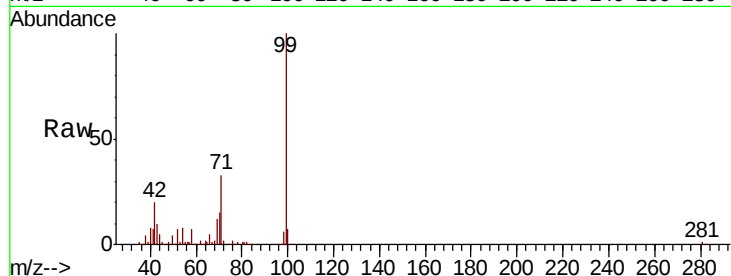
Tot Ion: 99 Resp: 222174

Ion Ratio Lower Upper

99 100

42 20.3 16.5 24.7

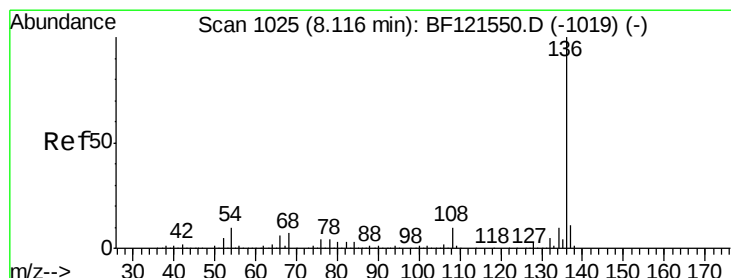
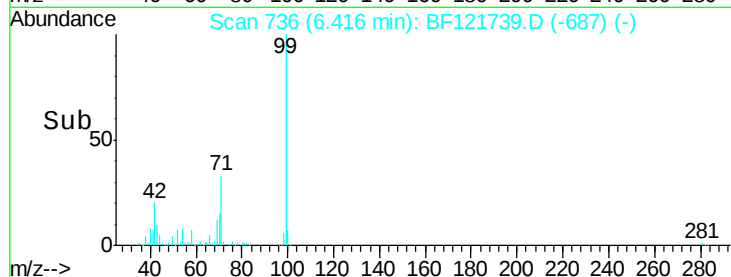
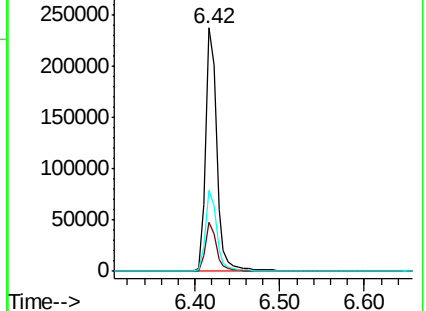
71 33.2 27.8 41.6



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

Tgt Ion: 136 Resp: 494344

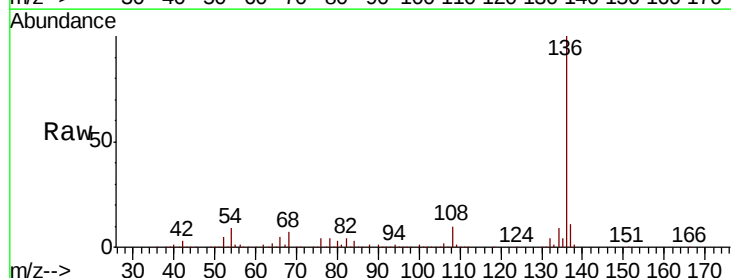
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.4 7.8 11.8

68 6.6 5.6 8.4

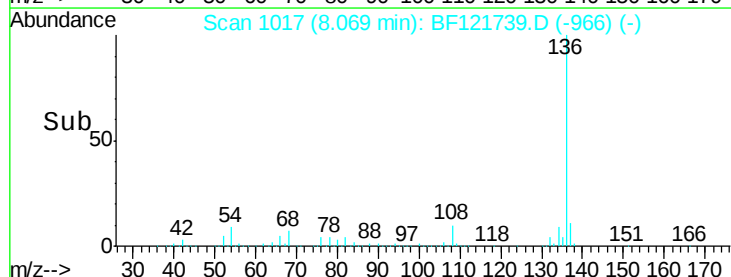
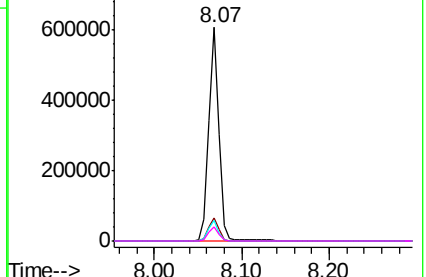


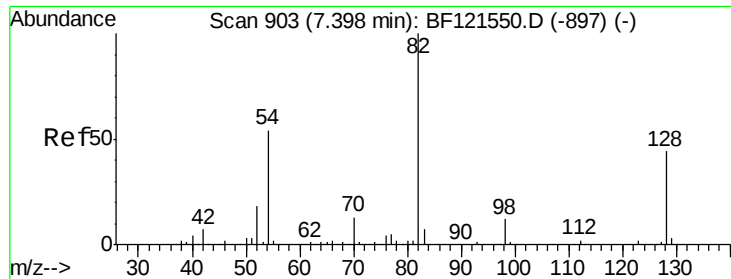
Abundance Ion 136.00 (135.70 to 136.70): E

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

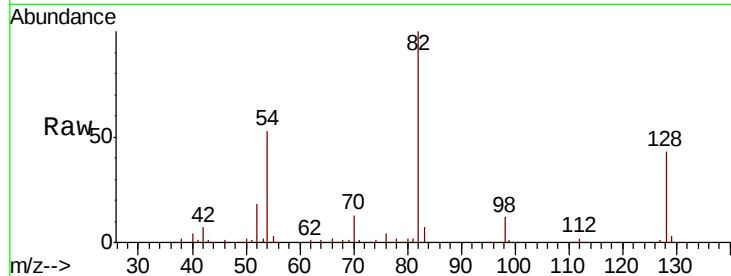




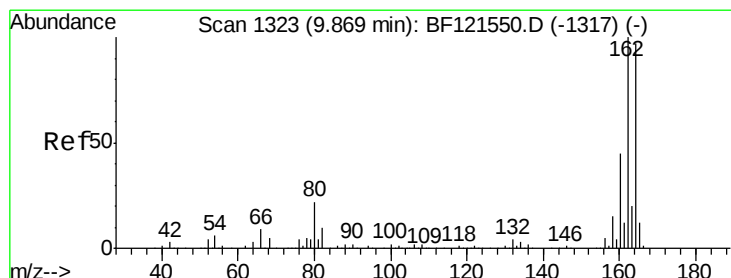
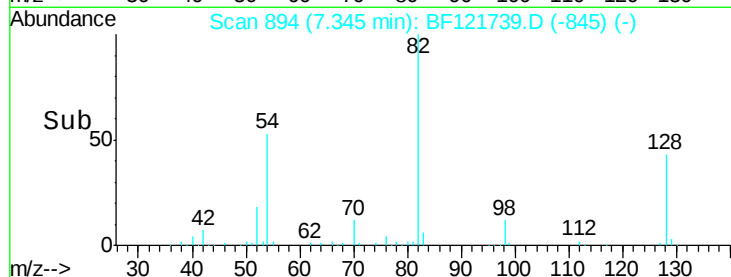
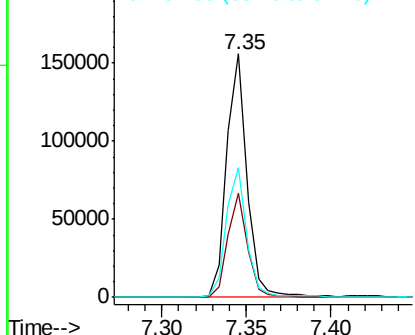
#23
 Nitrobenzene-d5
 Concen: 14.291 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121739.D
 Acq: 29 Sep 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092820

Tot Ion	82	Resp	131575
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.0	52.4
54	53.2	42.5	63.7

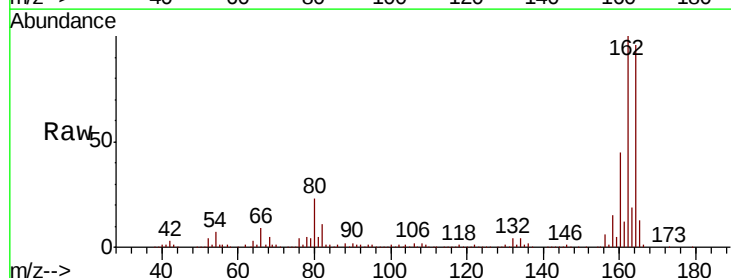


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

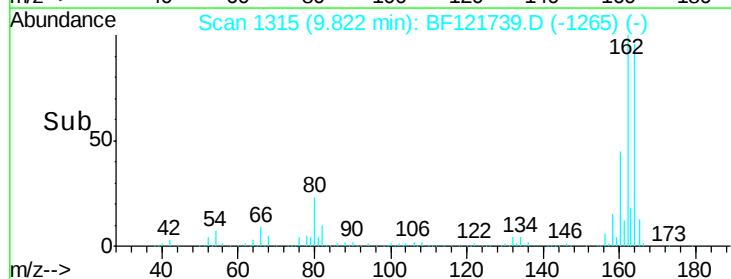
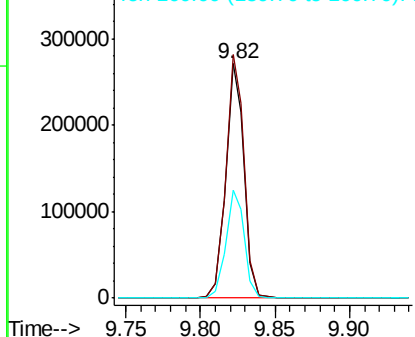


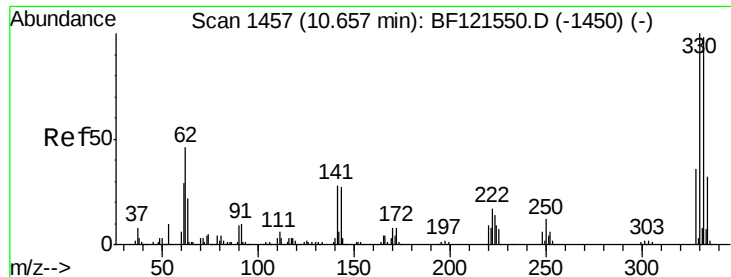
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF121739.D
 Acq: 29 Sep 2020 19:23

Tgt Ion	164	Resp	234583
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.6	121.0
160	46.3	36.9	55.3



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: 16.889 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

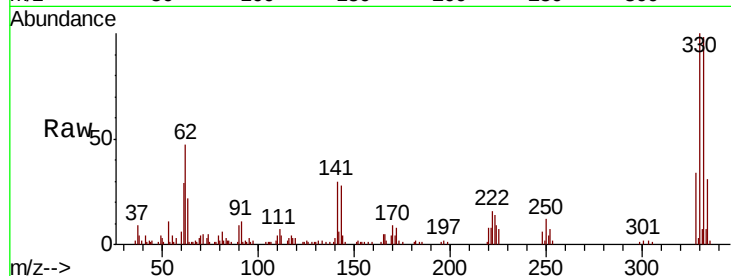
Tot Ion:330 Resp: 49241

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

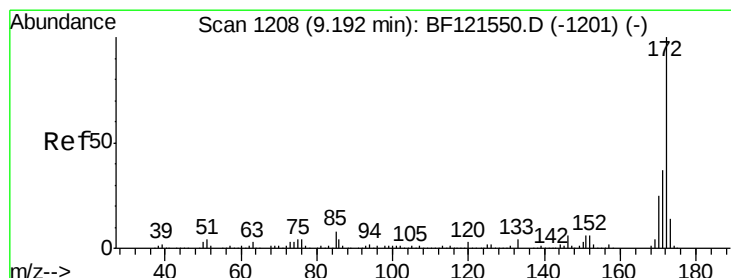
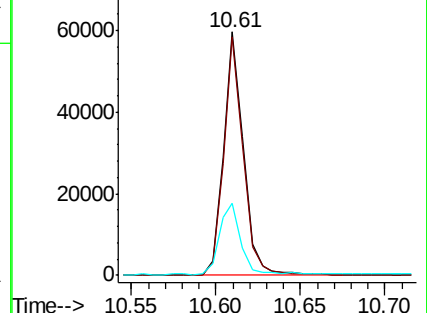
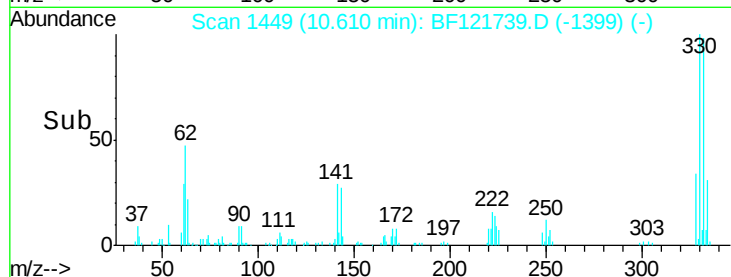
141 33.3 22.9 34.3



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: 16.840 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

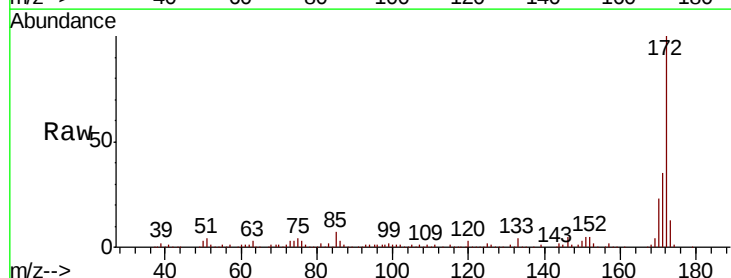
Tgt Ion:172 Resp: 260834

Ion Ratio Lower Upper

172 100

171 35.0 29.2 43.8

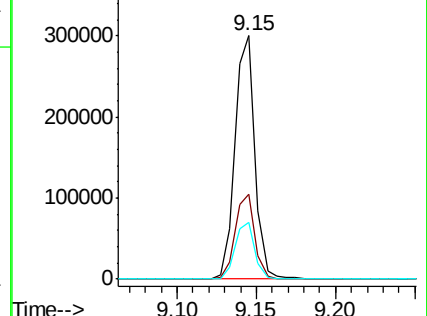
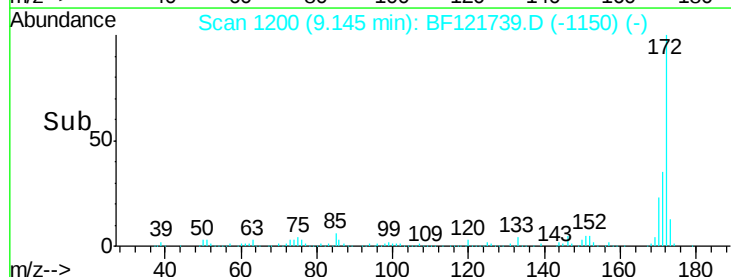
170 23.3 19.7 29.5

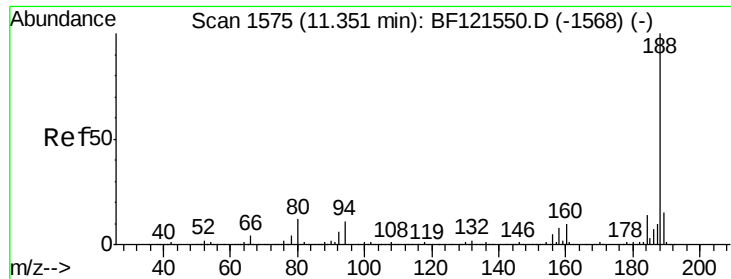


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

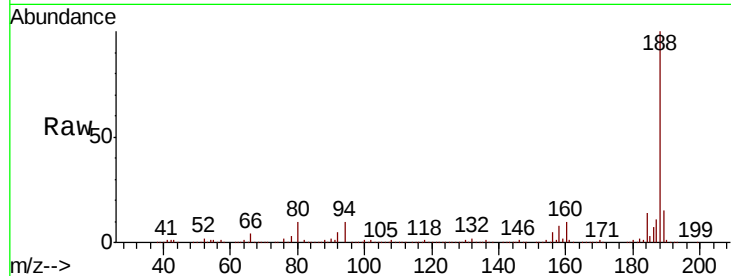
Tot Ion:188 Resp: 413319

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

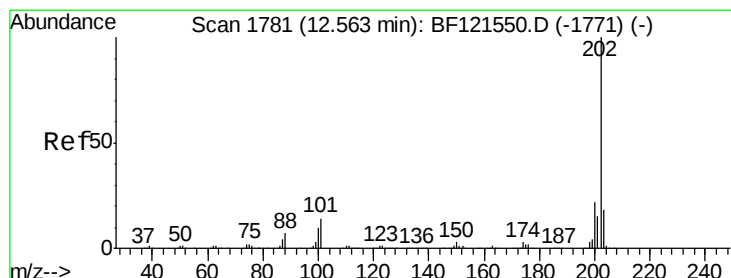
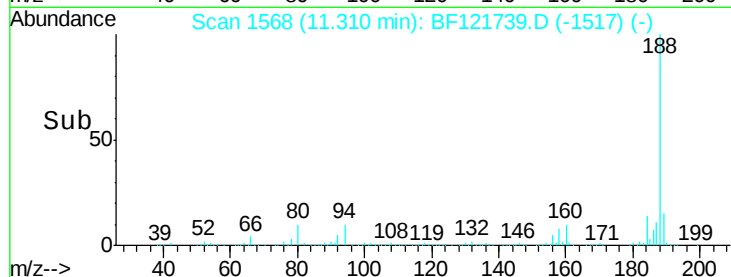
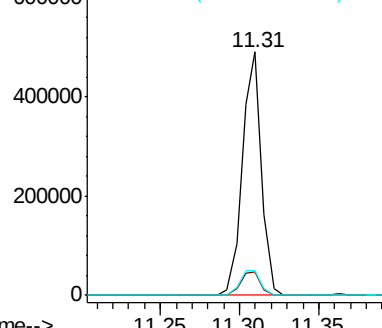
80 10.4 8.9 13.3



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



#75

Fluoranthene

Concen: 2.279 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

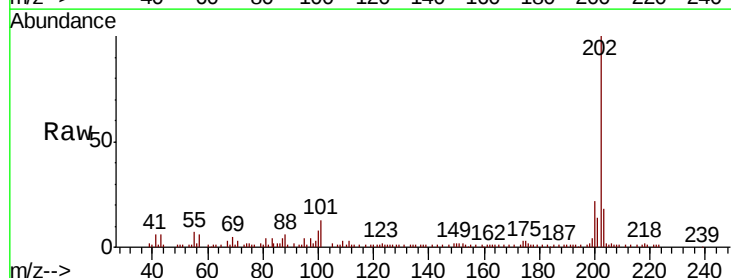
Tgt Ion:202 Resp: 54778

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.0

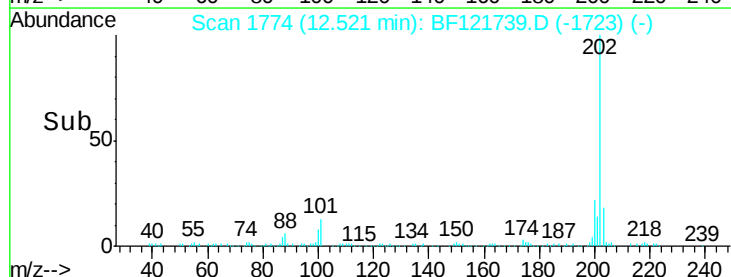
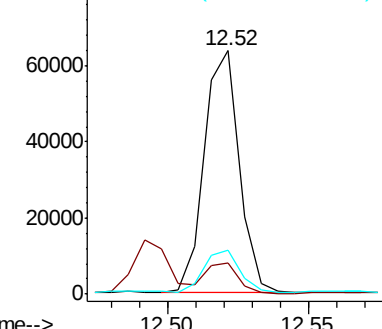
203 18.0 0.0 38.0

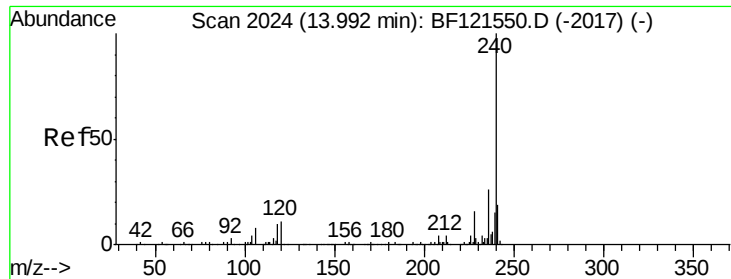


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

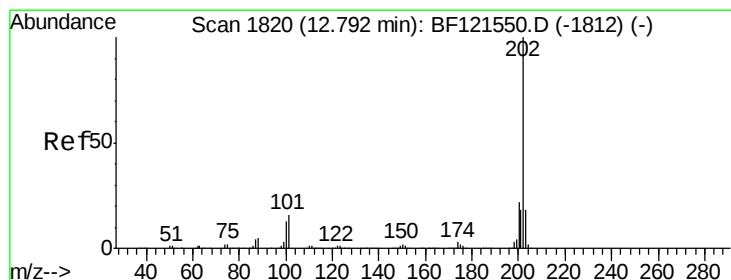
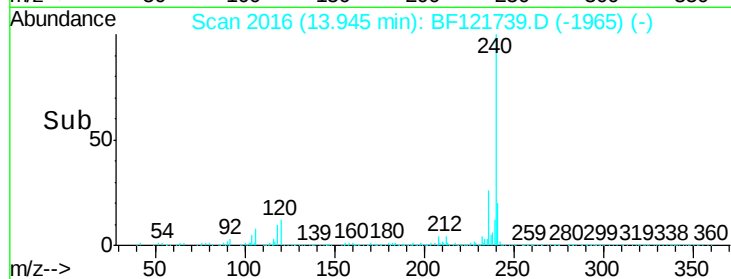
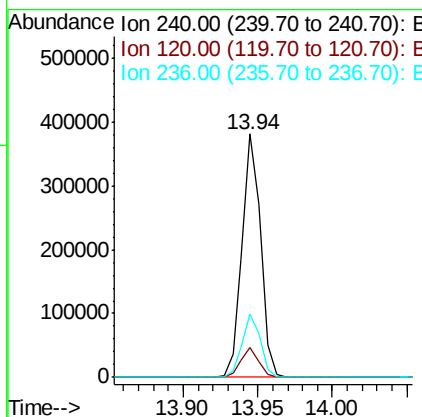
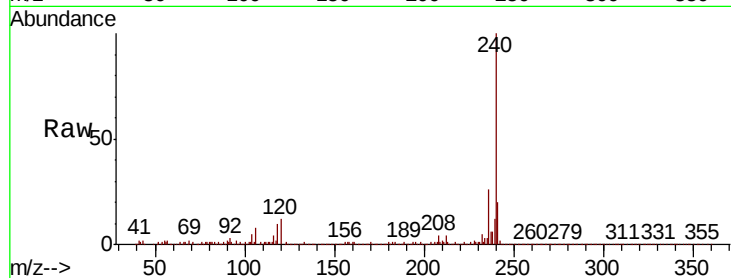




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF121739.D
Acq: 29 Sep 2020 19:23

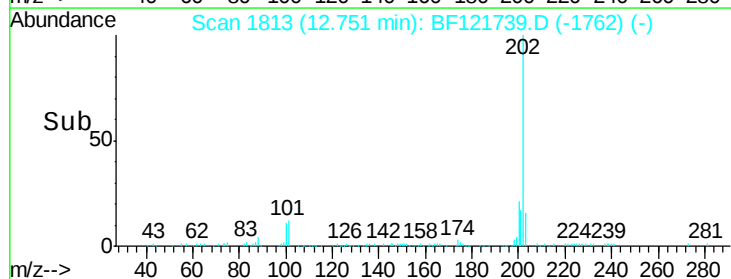
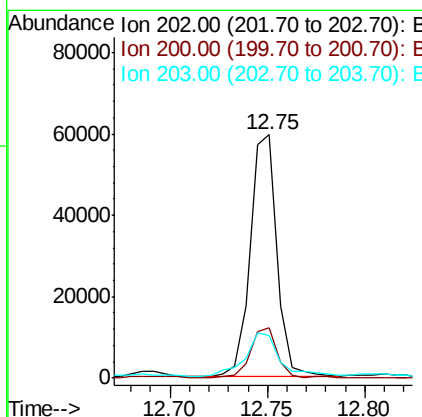
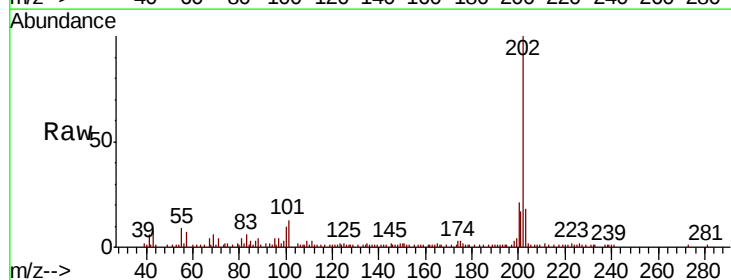
Instrument :
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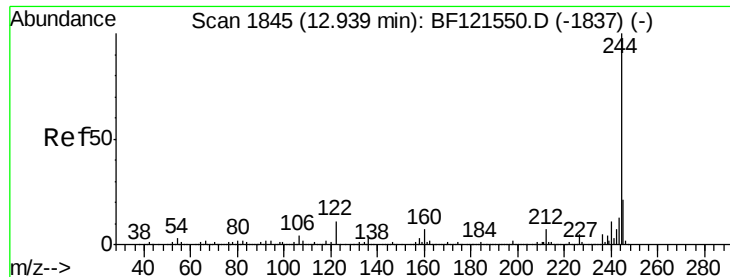
Tot Ion:240 Resp: 328912
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.4
236 25.7 20.4 30.6



#78
Pyrene
Concen: 2.327 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF121739.D
Acq: 29 Sep 2020 19:23

Tgt Ion:202 Resp: 55913
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.8 14.5 21.7





#79

Terphenyl-d14

Concen: 15.998 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

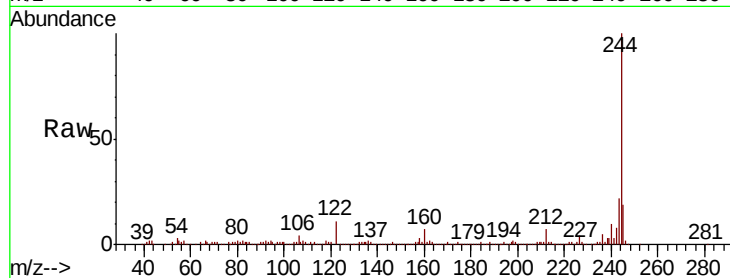
Tot Ion:244 Resp: 259730

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

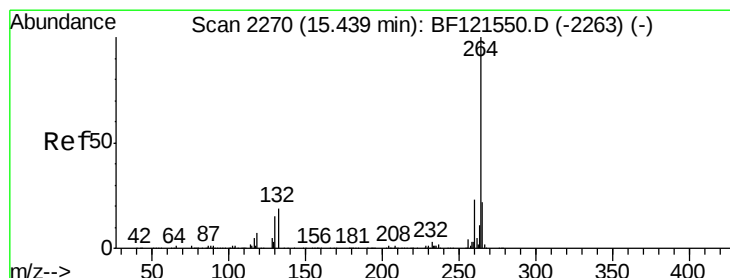
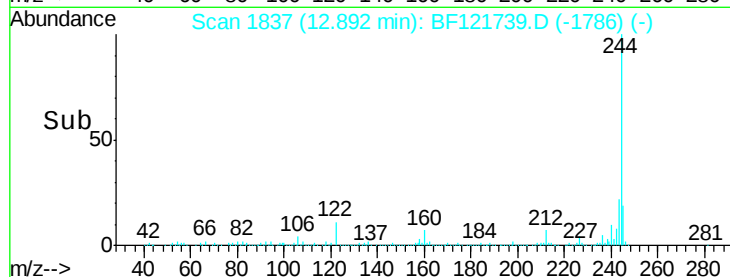
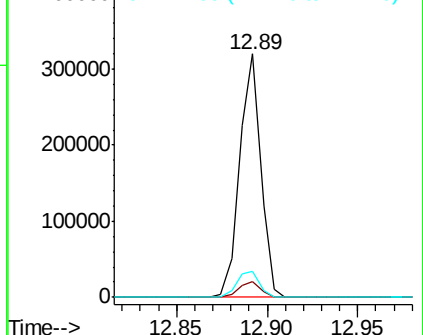
122 10.8 9.0 13.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF121739.D

Acq: 29 Sep 2020 19:23

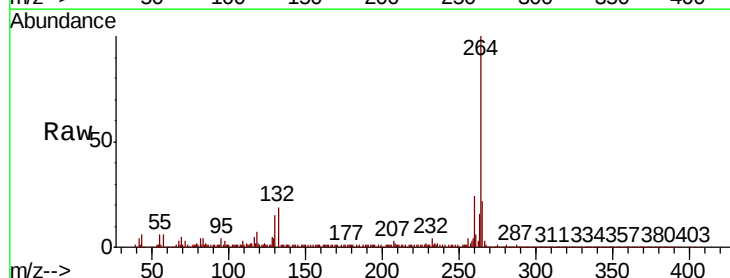
Tgt Ion:264 Resp: 249577

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 17.3 25.9



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

