

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002681.D
 Acq On : 08 Jul 2020 18:35
 Operator : CG/JU
 Sample : L3203-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-20

Quant Time: Jul 08 19:11:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

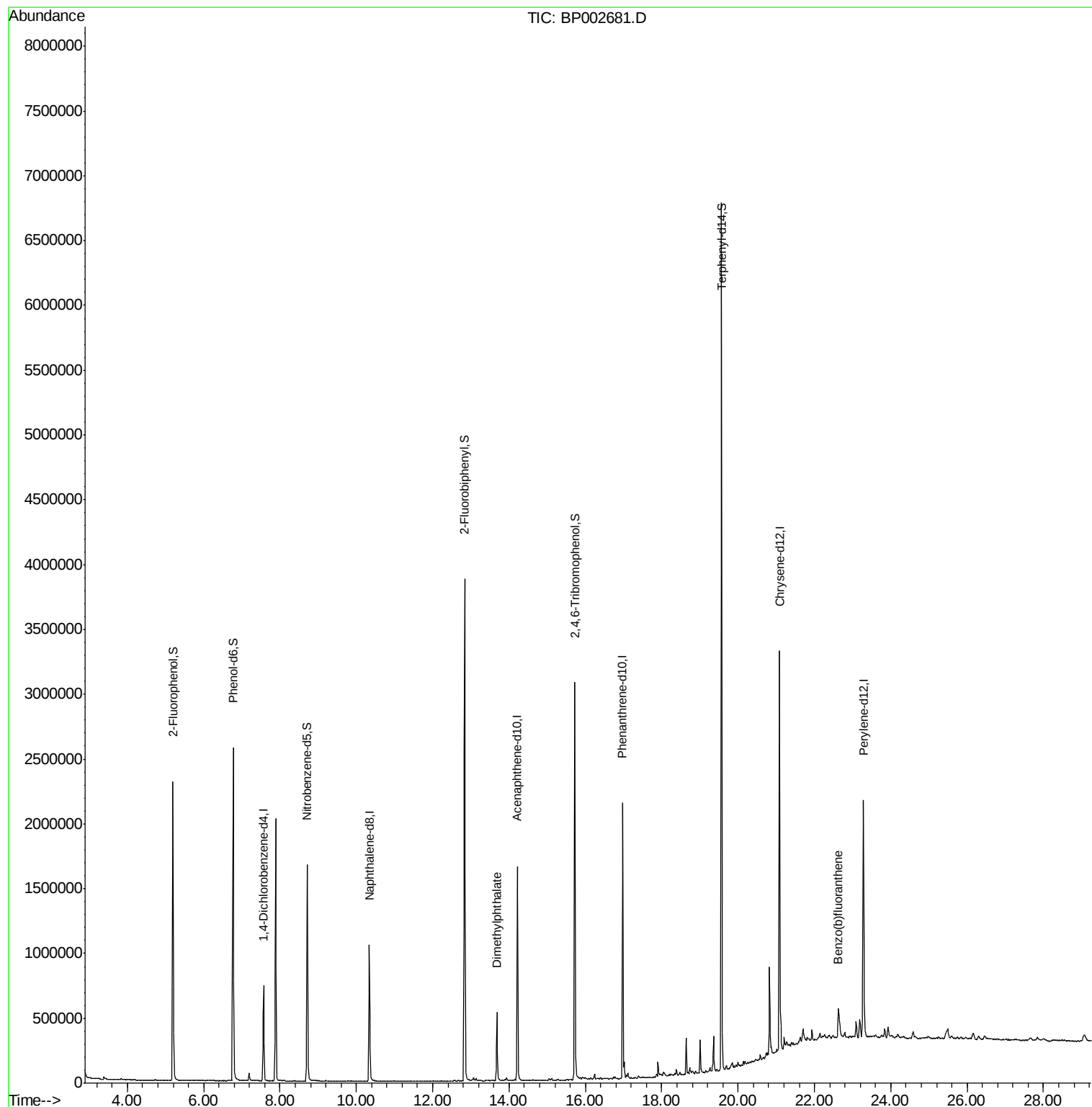
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	204739	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	879228	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	561423	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1247987	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1389413	20.00	ng	0.00
86) Perylene-d12	23.28	264	1237978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1097568	90.76	ng	0.00
7) Phenol-d6	6.77	99	1631047	96.64	ng	0.00
23) Nitrobenzene-d5	8.71	82	1009516	59.16	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	579515	84.87	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2148652	56.33	ng	0.00
79) Terphenyl-d14	19.57	244	3372300	52.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.68	163	358769	8.136	ng	99
88) Benzo(b)fluoranthene	22.62	252	167930	2.126	ng	# 97

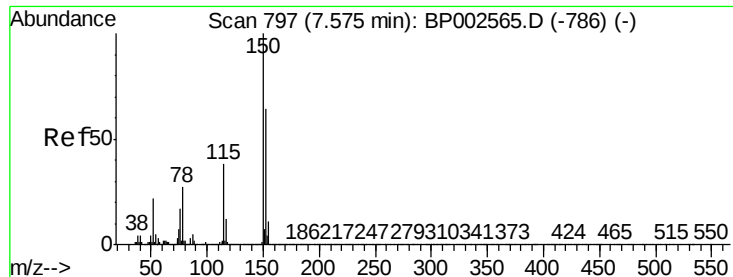
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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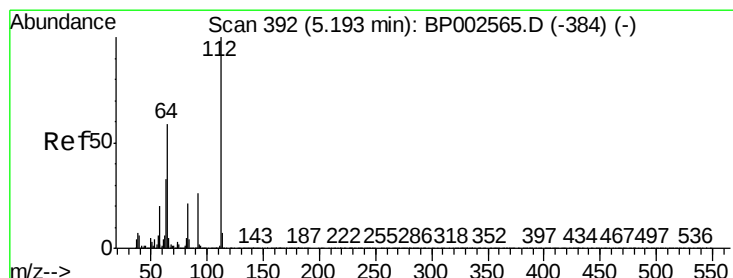
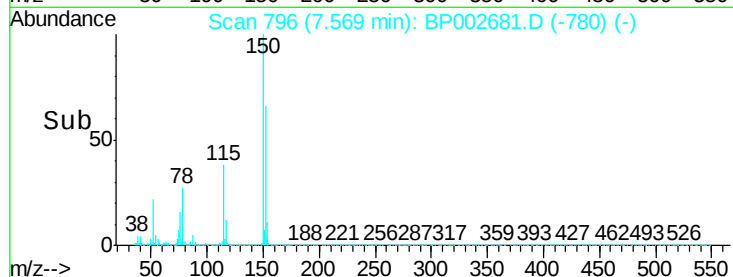
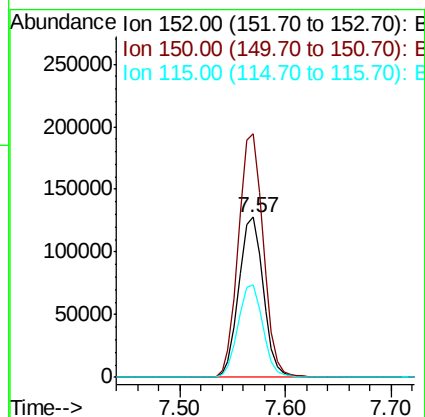
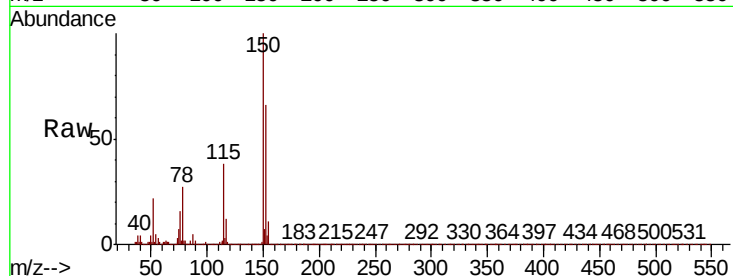


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002681.D
Acq: 08 Jul 2020 18:35

Instrument :
BNA_P
ClientSampleId :
RO-20

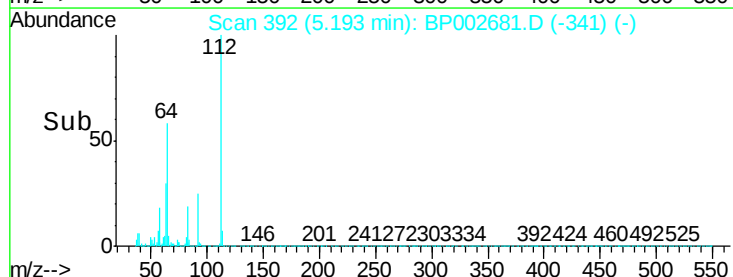
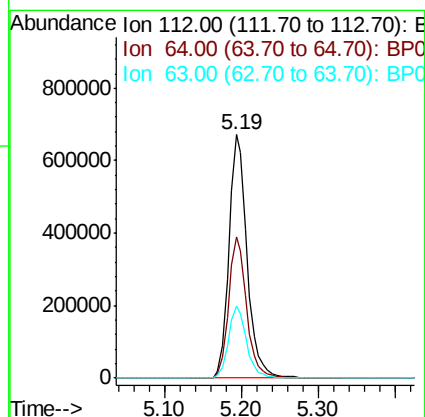
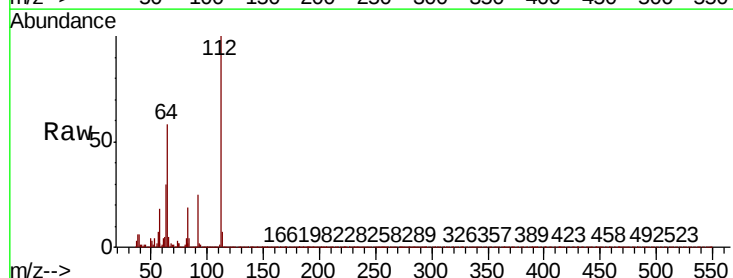
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.2	186.2
115	57.4	47.1	70.7

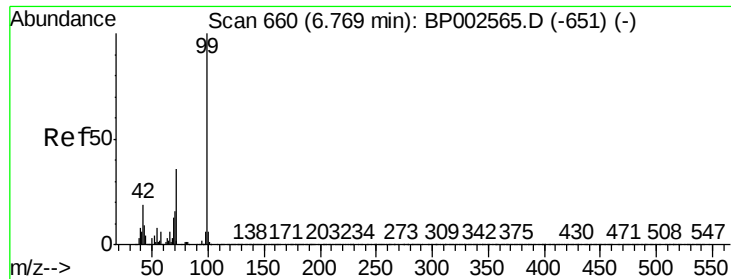


#5

2-Fluorophenol
Concen: 90.765 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002681.D
Acq: 08 Jul 2020 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.0	70.6
63	29.8	26.1	39.1





#7

Phenol-d6

Concen: 96.638 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

Instrument :

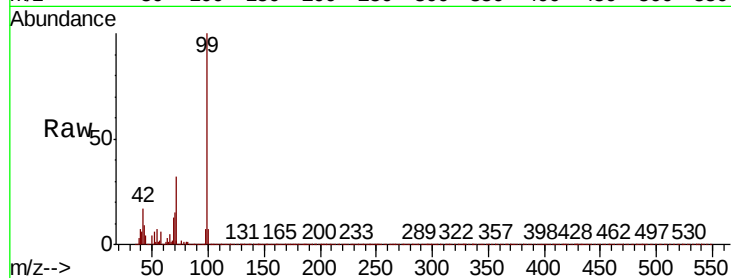
BNA_P

ClientSampleId :

RO-20

Tot Ion: 99 Resp: 1631047

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	32.1	28.9	43.3

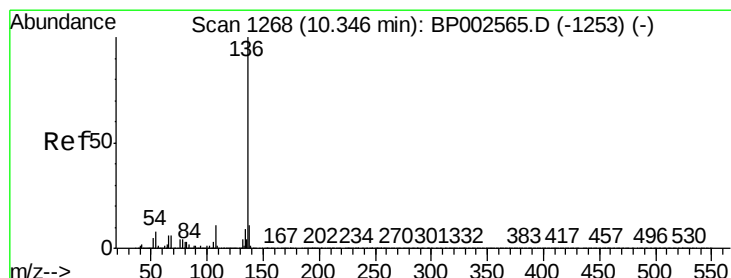
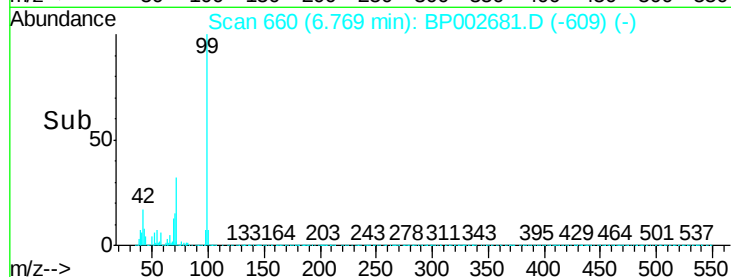
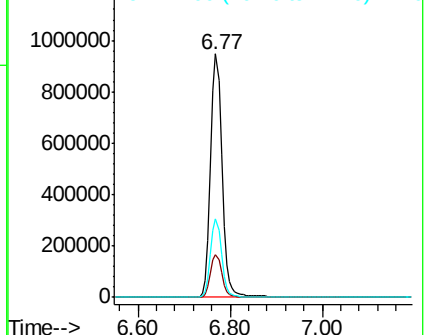


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

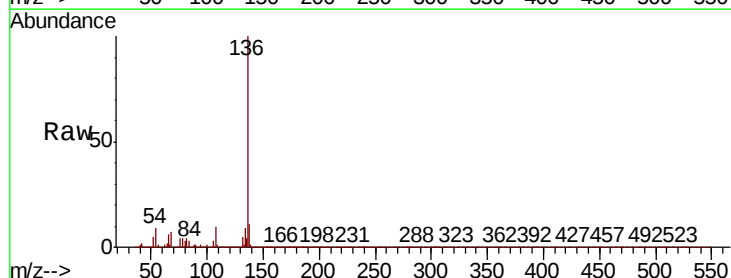
Delta R.T. -0.01 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

Tgt Ion: 136 Resp: 879228

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	6.4	9.6
68	7.0	5.1	7.7



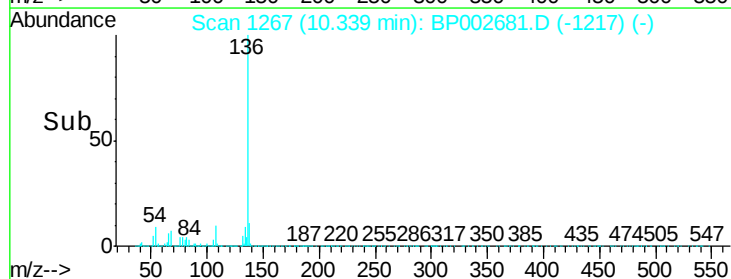
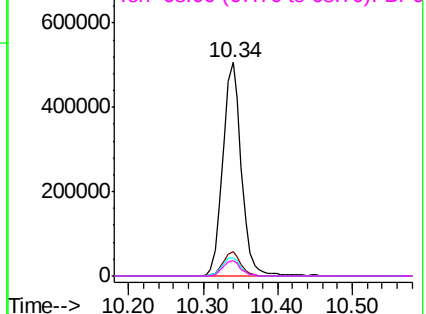
Abundance

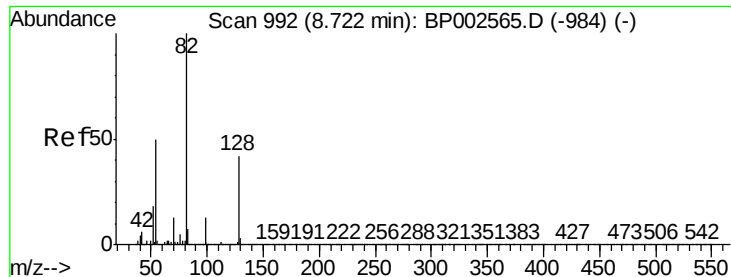
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

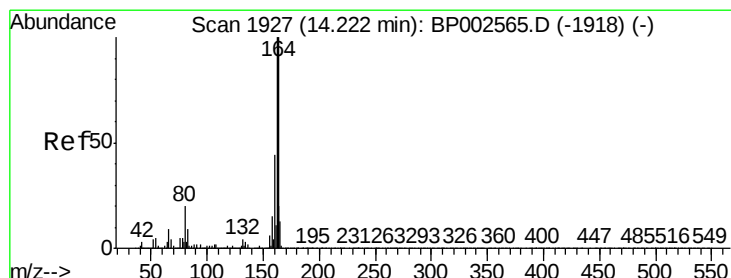
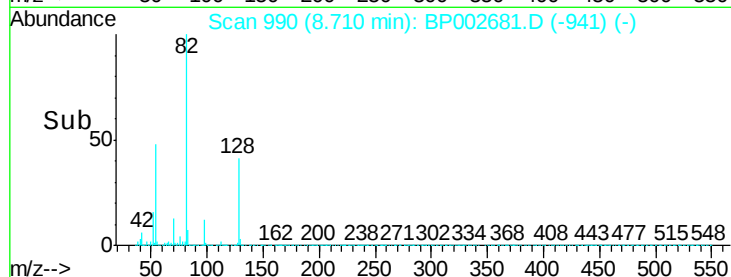
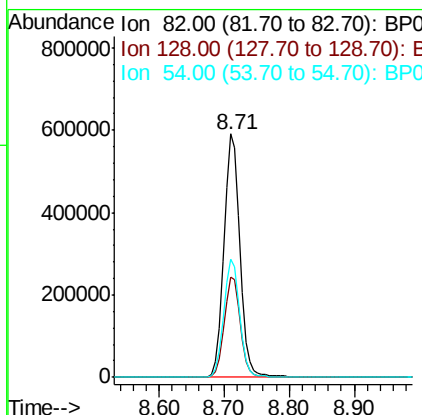
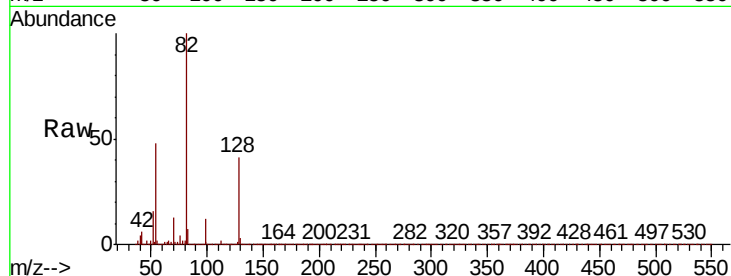




#23
Nitrobenzene-d5
Concen: 59.161 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002681.D
Acq: 08 Jul 2020 18:35

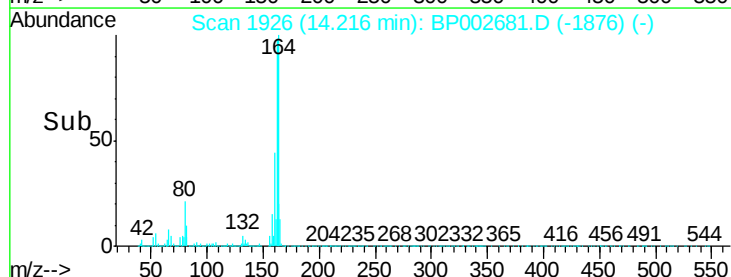
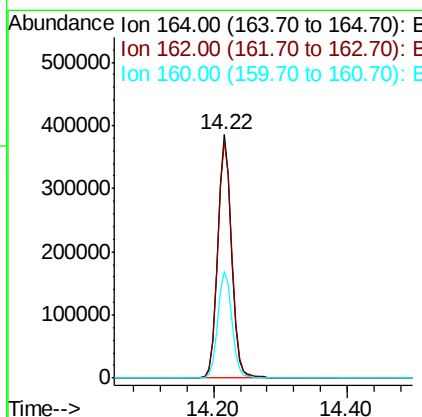
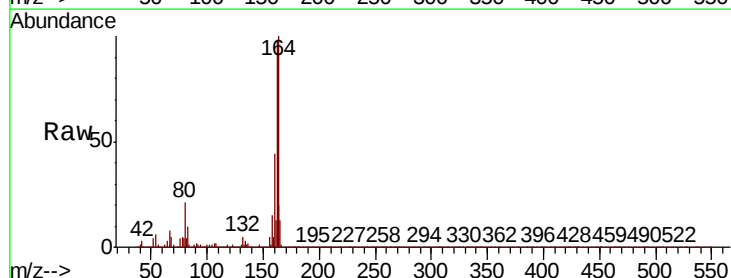
Instrument :
BNA_P
ClientSampleId :
RO-20

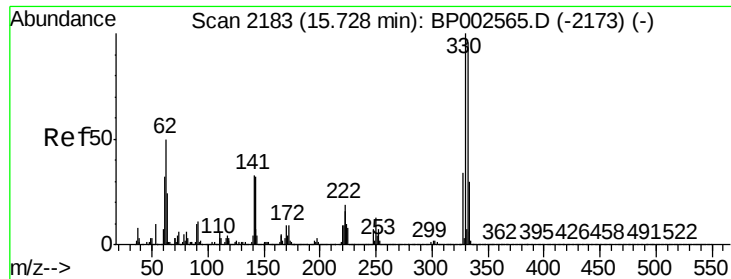
Tot Ion: 82 Resp: 1009516
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.2
54 48.5 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002681.D
Acq: 08 Jul 2020 18:35

Tgt Ion:164 Resp: 561423
Ion Ratio Lower Upper
164 100
162 97.6 80.3 120.5
160 43.9 35.0 52.6

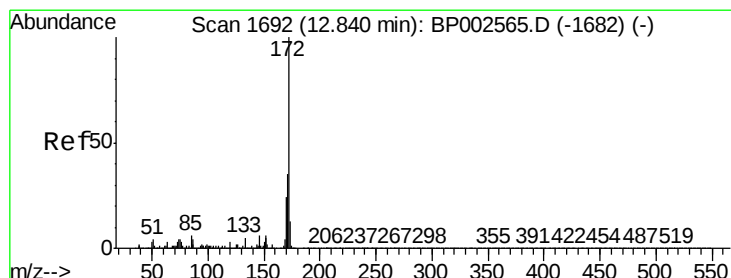
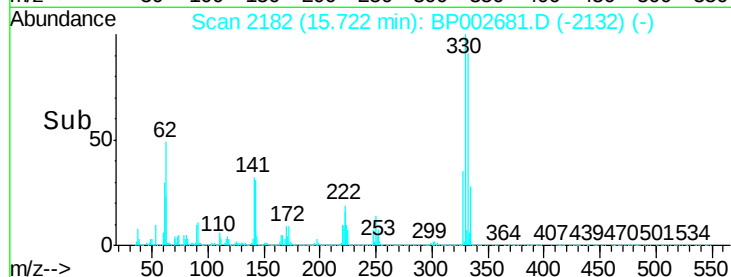
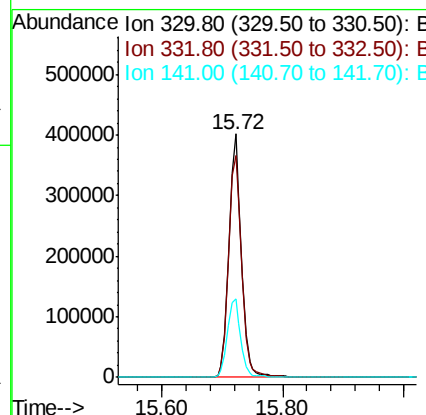
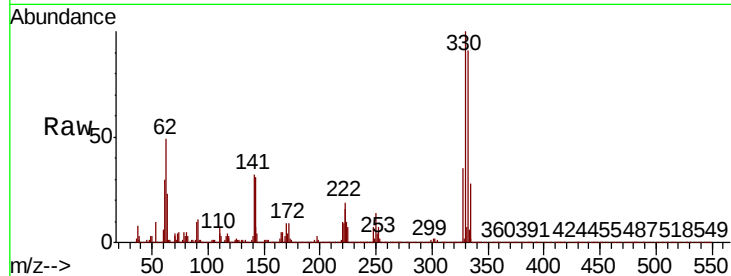




#42
 2,4,6-Tribromophenol
 Concen: 84.867 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002681.D
 Acq: 08 Jul 2020 18:35

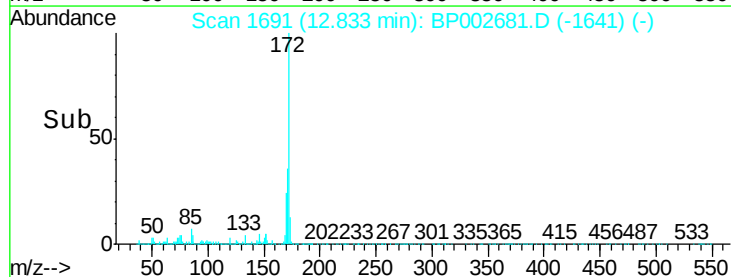
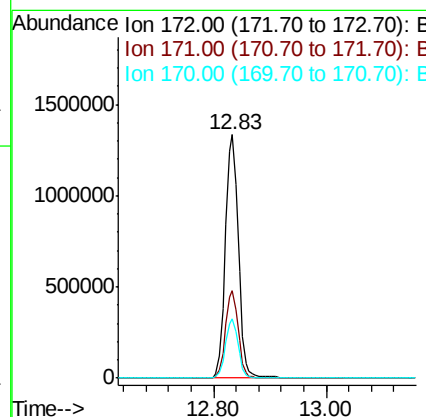
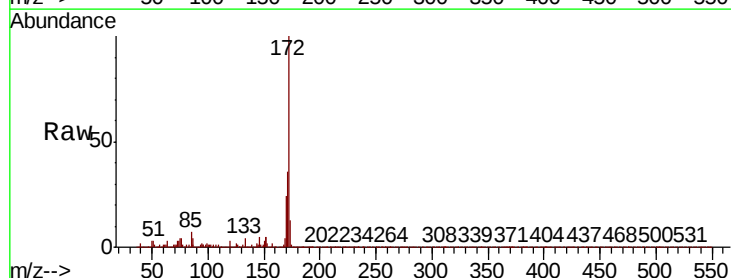
Instrument :
 BNA_P
 ClientSampled :
 RO-20

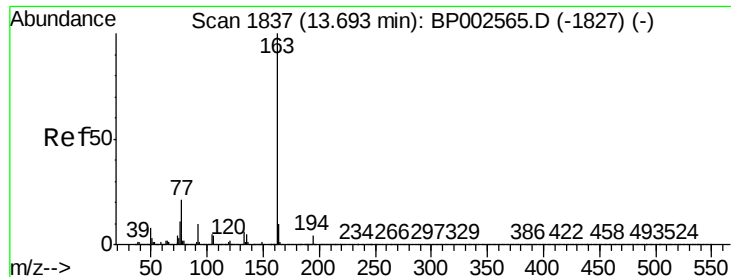
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.7	116.5
141	34.5	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 56.329 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002681.D
 Acq: 08 Jul 2020 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.0	42.0
170	24.2	19.0	28.4





#50

Dimethylphthalate

Concen: 8.136 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

Instrument :

BNA_P

ClientSampleId :

RO-20

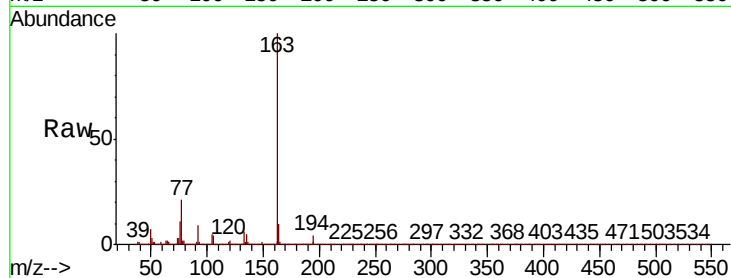
Tot Ion:163 Resp: 358769

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

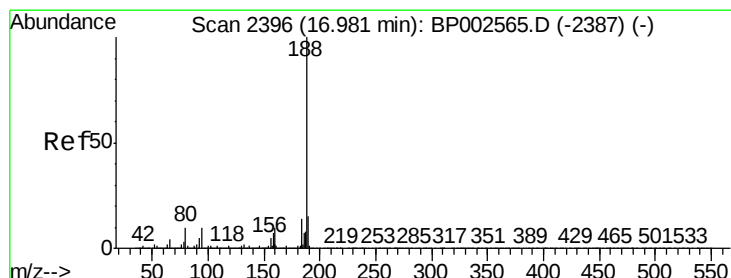
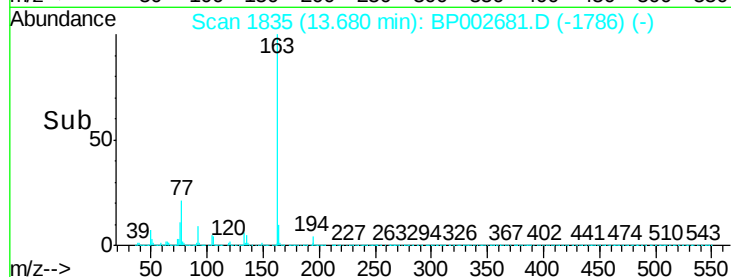
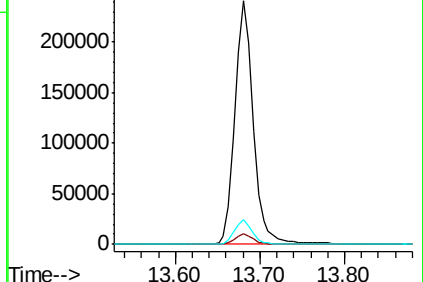
164 10.0 8.2 12.4



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: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

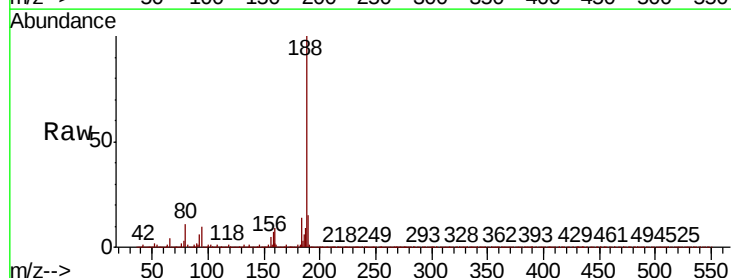
Tgt Ion:188 Resp: 1247987

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.6

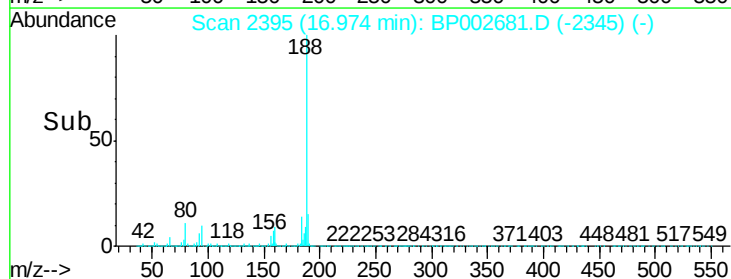
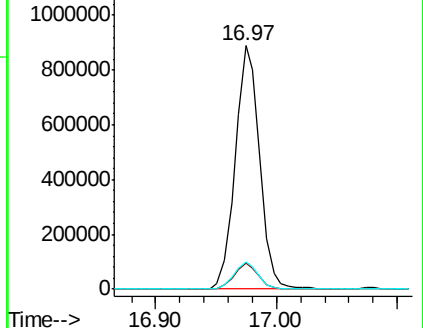
80 11.1 8.2 12.4

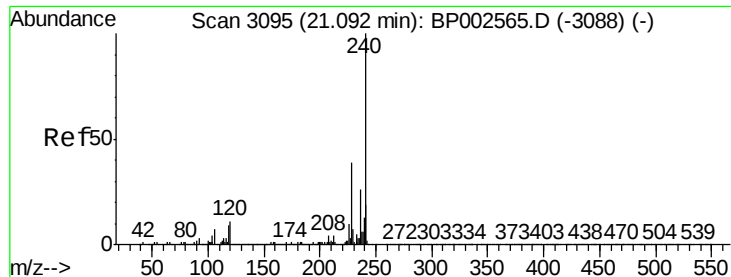


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

Instrument :

BNA_P

ClientSampleId :

RO-20

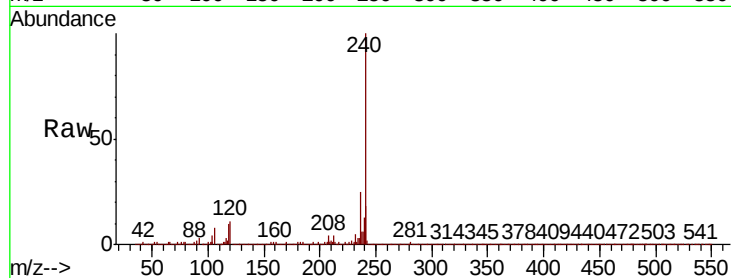
Tot Ion:240 Resp: 1389413

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

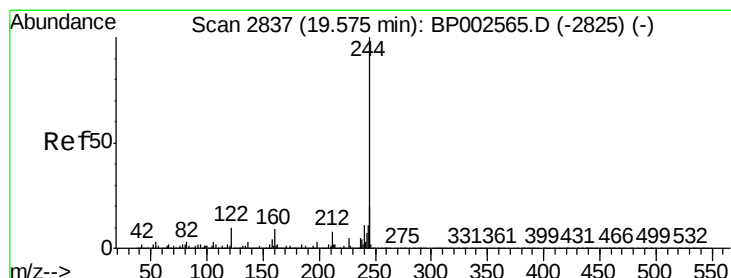
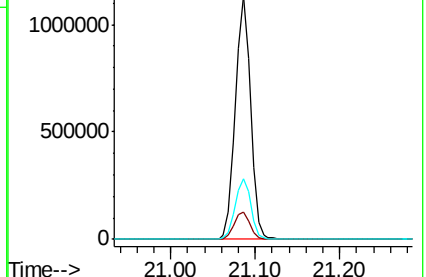
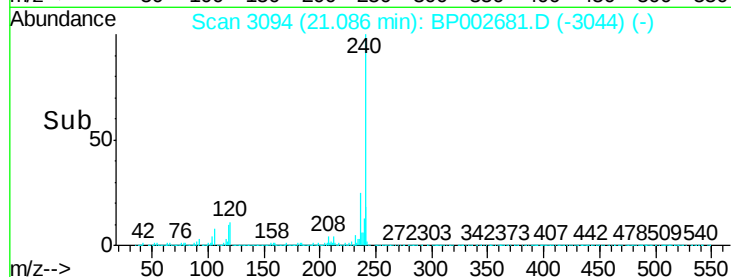
236 25.1 20.8 31.2



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



#79

Terphenyl-d14

Concen: 52.389 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

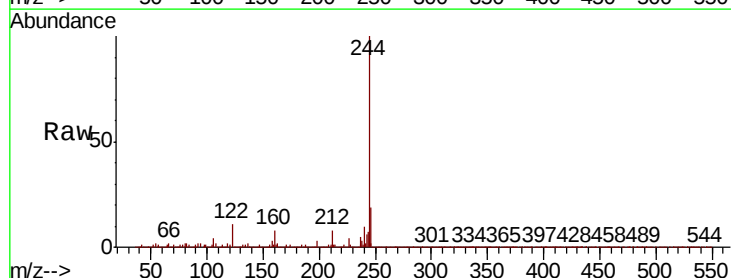
Tgt Ion:244 Resp: 3372300

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

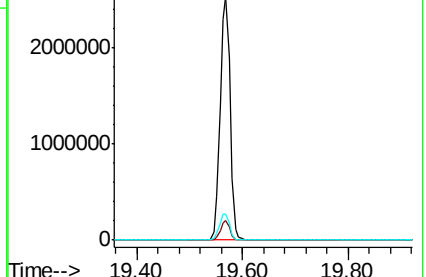
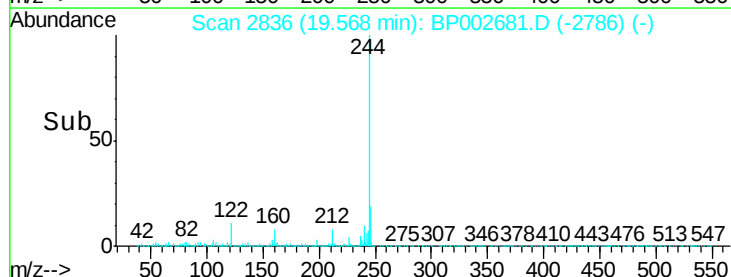
122 10.8 7.9 11.9

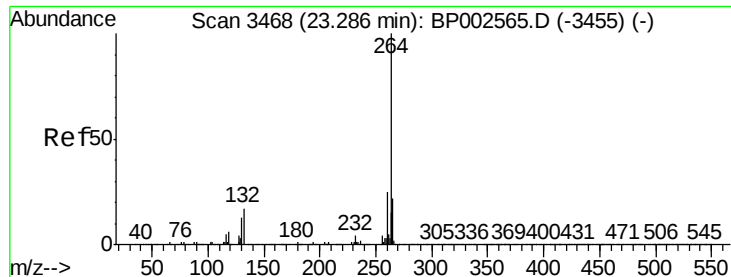


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

Instrument :

BNA_P

ClientSampleId :

RO-20

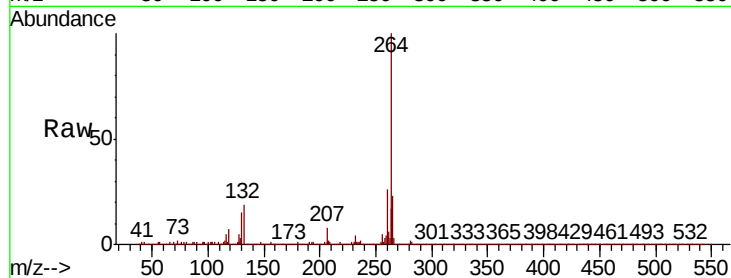
Tot Ion:264 Resp: 1237978

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.7	29.5
265	22.5	17.6	26.4

264 100

260 26.2 19.7 29.5

265 22.5 17.6 26.4

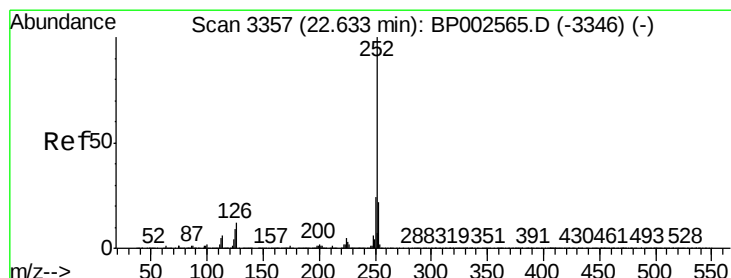
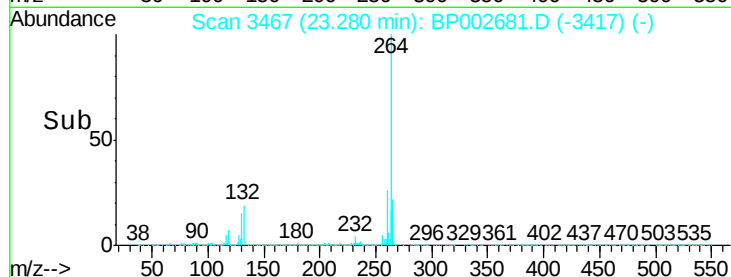
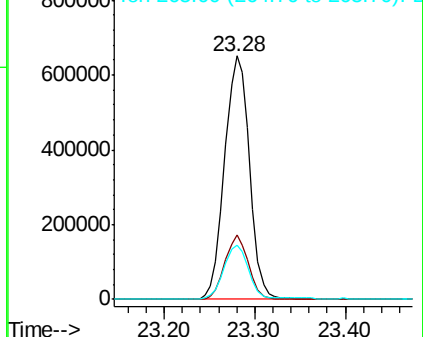


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.126 ng

RT: 22.62 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BP002681.D

Acq: 08 Jul 2020 18:35

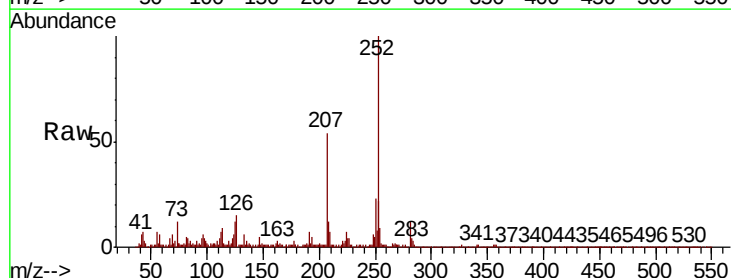
Tgt Ion:252 Resp: 167930

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	12.5	7.4	11.2

252 100

253 21.6 17.7 26.5

125 12.5 7.4 11.2#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

