

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000551.D
 Acq On : 07 Oct 2019 18:32
 Operator : JU
 Sample : K5213-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-4(5-10)

Quant Time: Oct 08 06:21:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

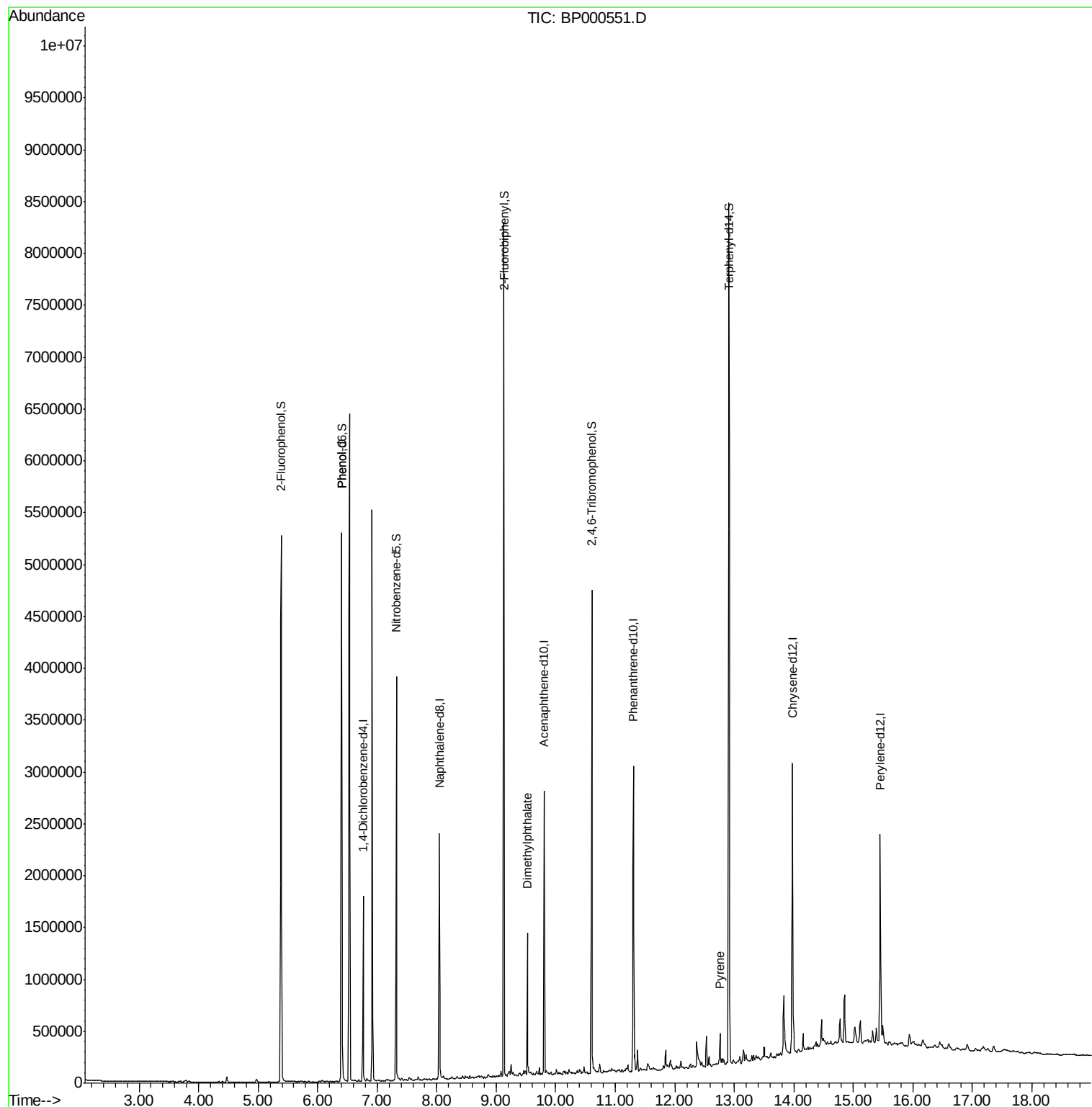
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	276225	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	992482	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	556000	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	1001706	20.00	ng	0.00
76) Chrysene-d12	13.97	240	847702	20.00	ng	0.00
87) Perylene-d12	15.45	264	942876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1692589	98.50	ng	0.00
7) Phenol-d6	6.40	99	2206184	106.54	ng	0.00
23) Nitrobenzene-d5	7.32	82	1177379	72.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	595909	100.58	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2456701	71.49	ng	0.00
79) Terphenyl-d14	12.91	244	2827916	67.54	ng	0.00
Target Compounds						
10) Phenol	6.41	94	85450	4.030	ng	87
50) Dimethylphthalate	9.52	163	480788	12.445	ng	100
78) Pyrene	12.76	202	127010	2.172	ng	99

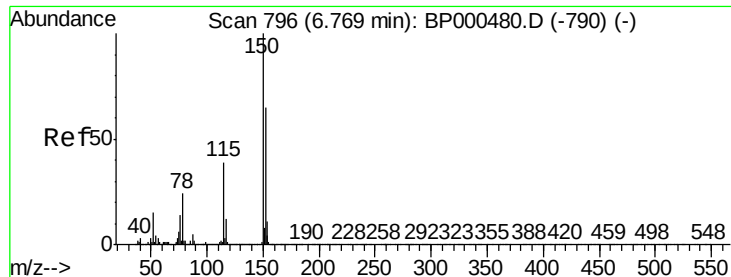
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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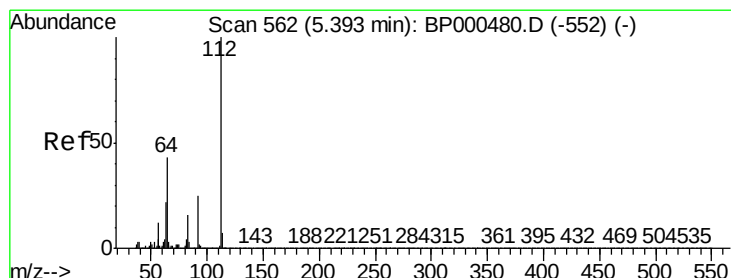
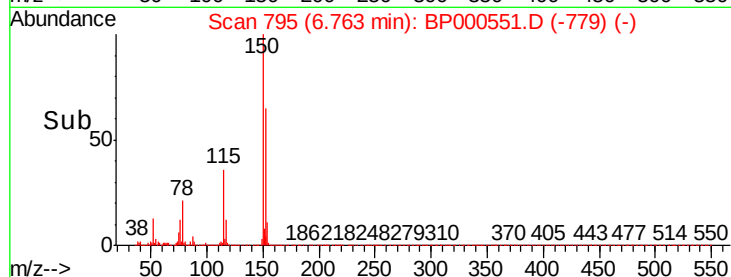
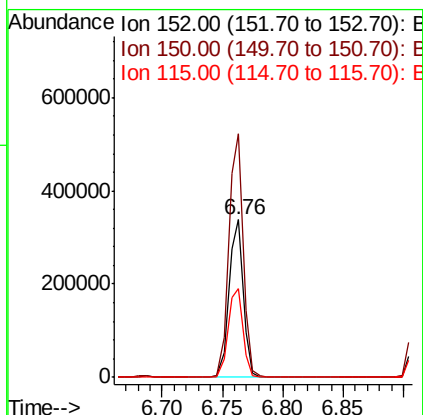
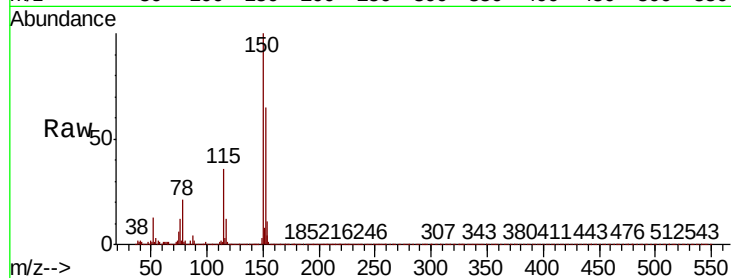


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Instrument :
BNA_P
ClientSampleId :
S-4(5-10)

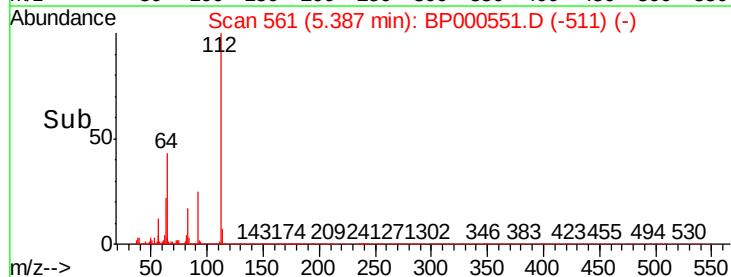
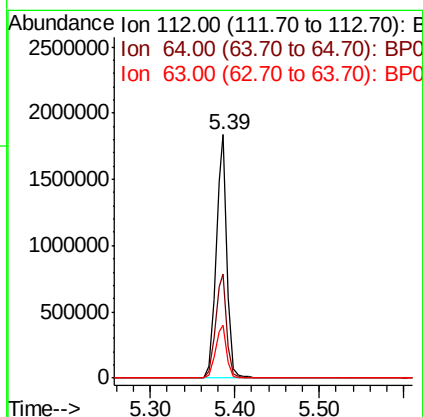
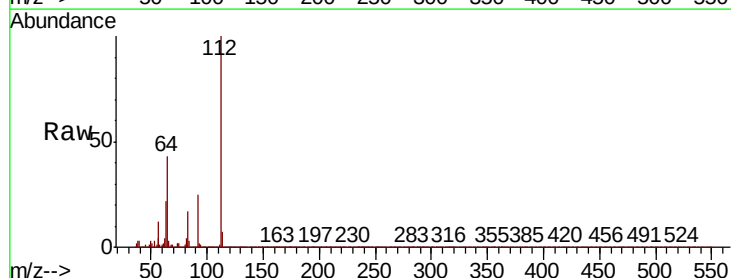
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	56.4	48.7	73.1

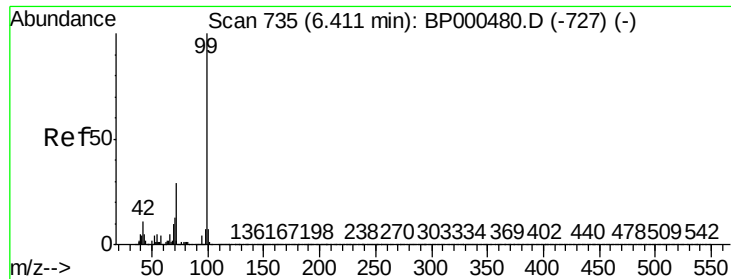


#5

2-Fluorophenol
Concen: 98.497 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.0	34.2	51.4
63	21.9	17.9	26.9





#7

Phenol-d6

Concen: 106.540 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

Instrument :

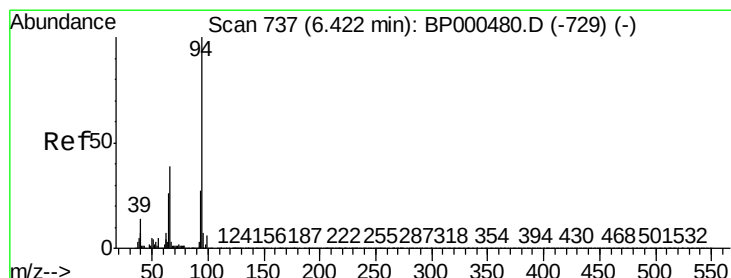
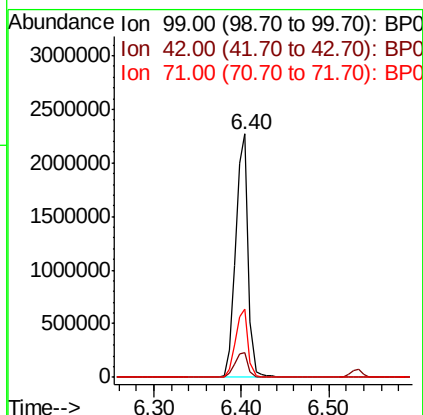
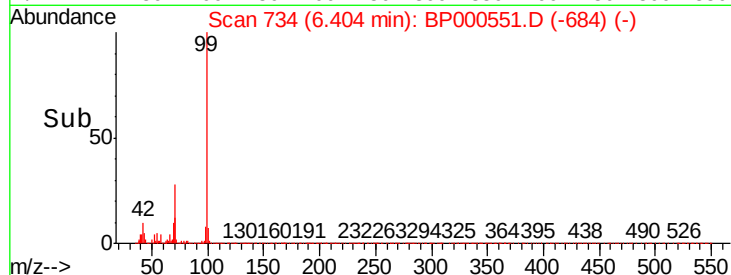
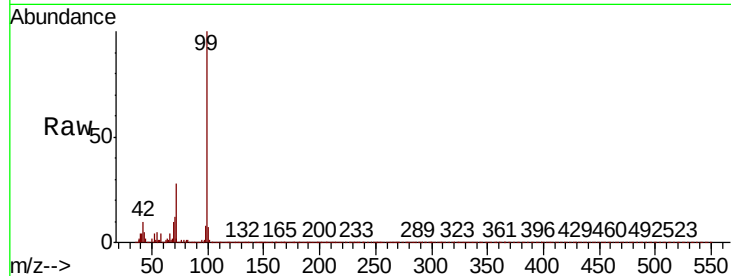
BNA_P

ClientSampleId :

S-4(5-10)

Tot Ion: 99 Resp: 2206184

Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.6	12.8
71	28.1	23.0	34.4



#10

Phenol

Concen: 4.030 ng

RT: 6.41 min Scan# 735

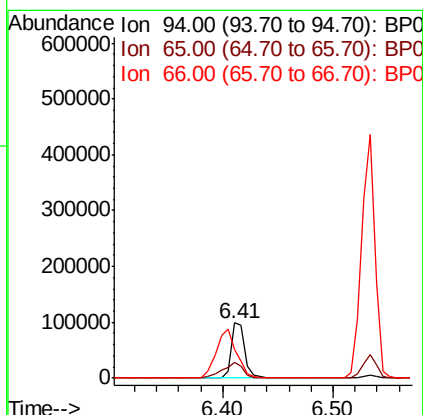
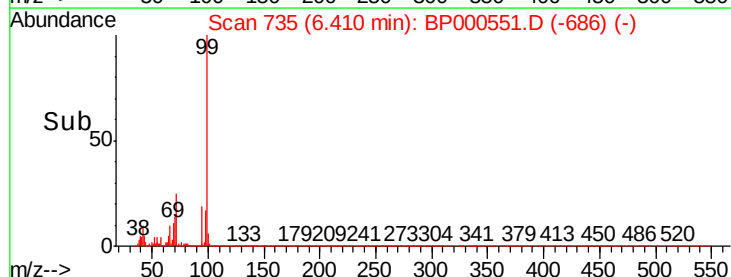
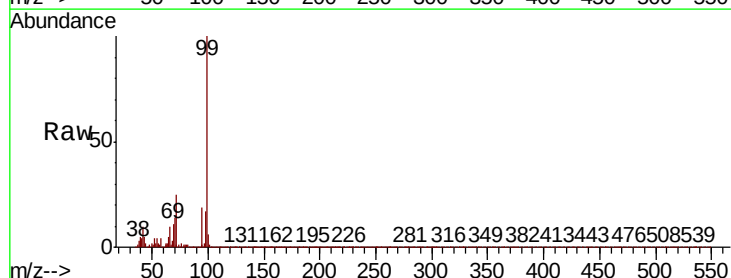
Delta R.T. -0.01 min

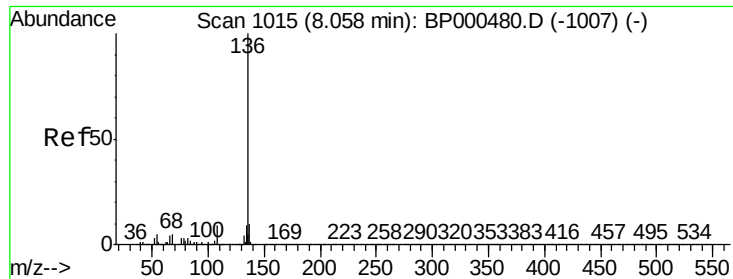
Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

Tgt Ion: 94 Resp: 85450

Ion	Ratio	Lower	Upper
94	100		
65	27.9	5.9	45.9
66	50.8	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

Instrument :

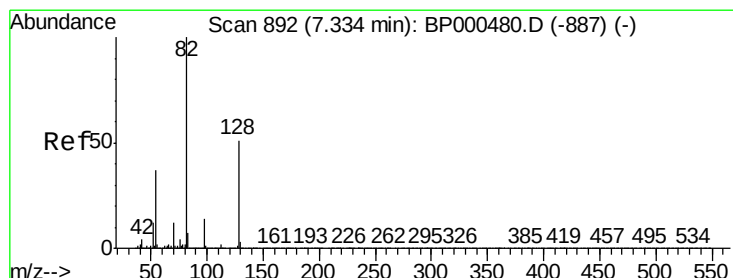
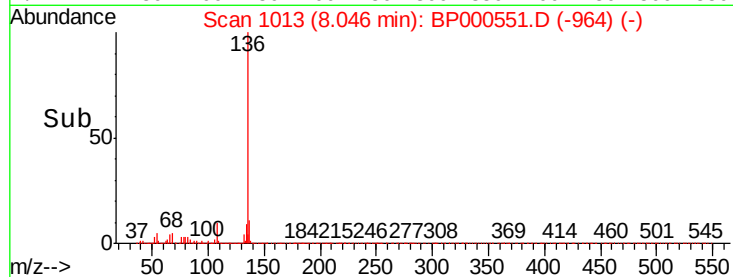
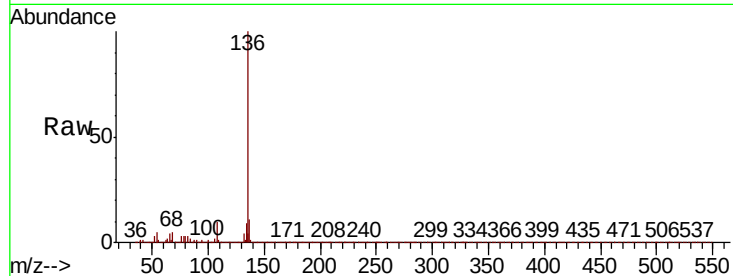
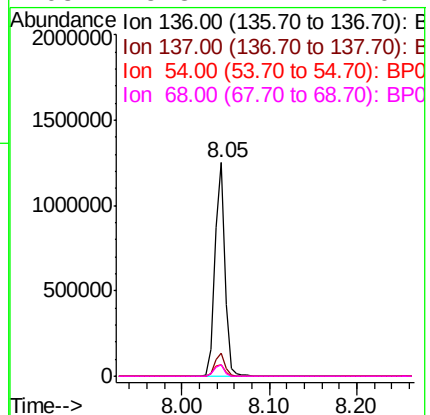
BNA_P

ClientSampleId :

S-4(5-10)

Tot Ion:136 Resp: 992482

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	5.3	4.1	6.1
68	5.3	4.1	6.1



#23

Nitrobenzene-d5

Concen: 72.454 ng

RT: 7.32 min Scan# 890

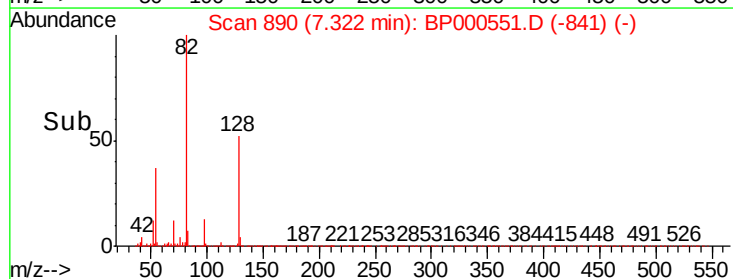
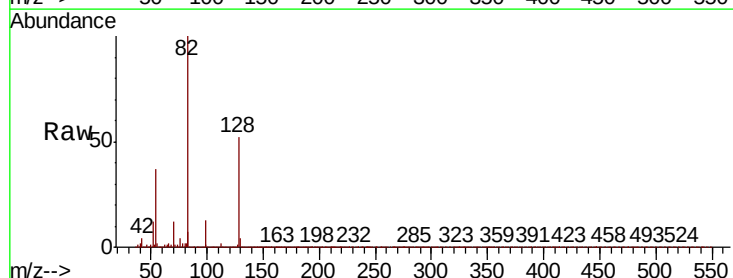
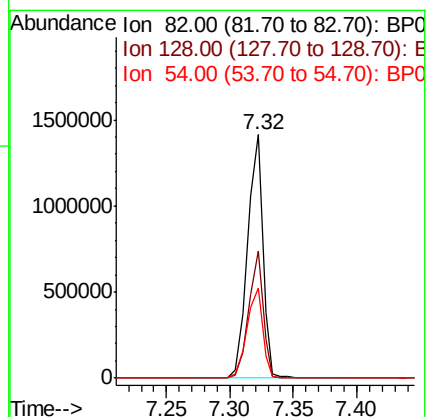
Delta R.T. -0.01 min

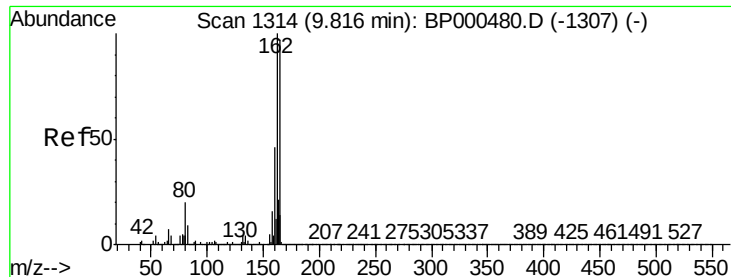
Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

Tgt Ion: 82 Resp: 1177379

Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.9	61.3
54	37.2	29.4	44.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

Instrument :

BNA_P

ClientSampleId :

S-4(5-10)

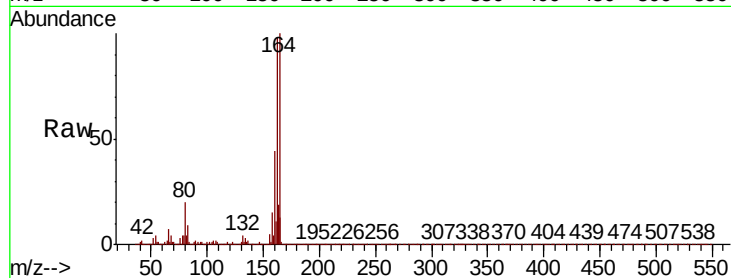
Tot Ion:164 Resp: 556000

Ion Ratio Lower Upper

164 100

162 98.2 82.2 123.2

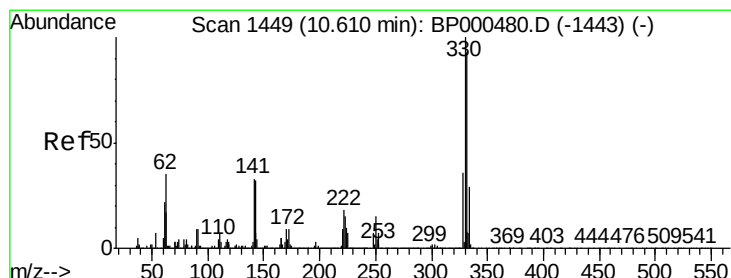
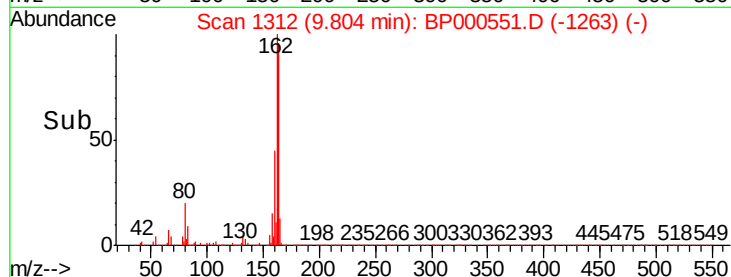
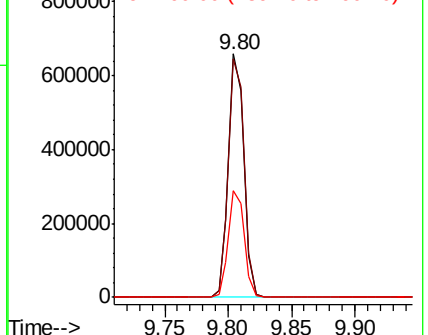
160 43.7 37.6 56.4



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: 100.578 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

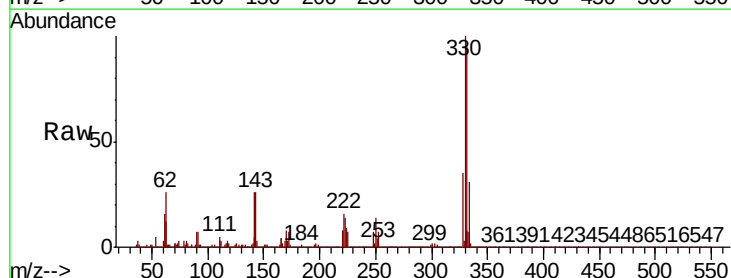
Tgt Ion:330 Resp: 595909

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

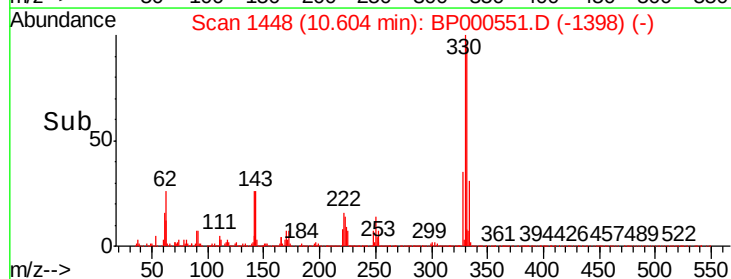
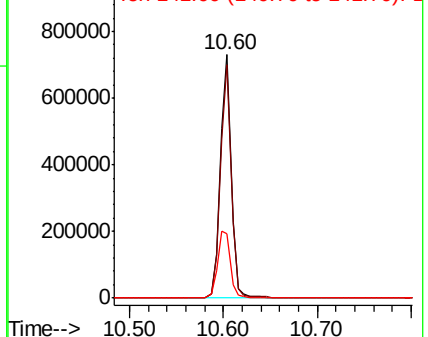
141 32.2 26.0 39.0

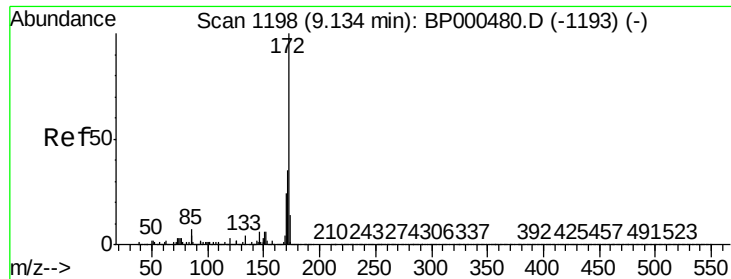


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

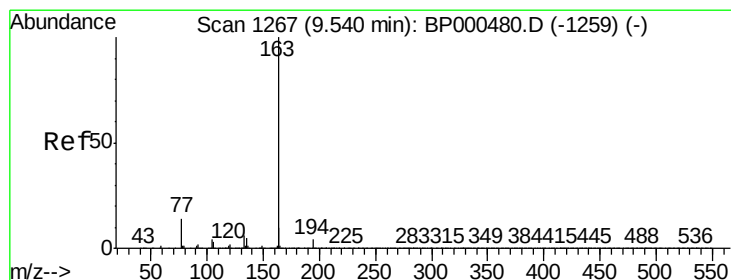
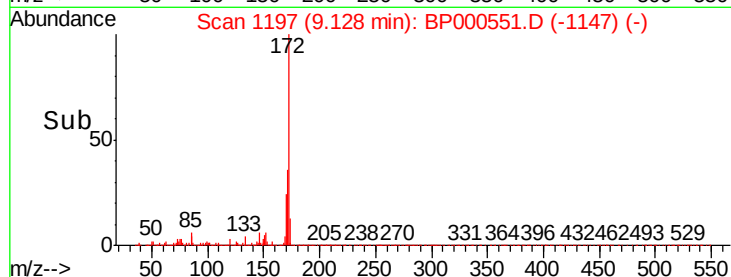
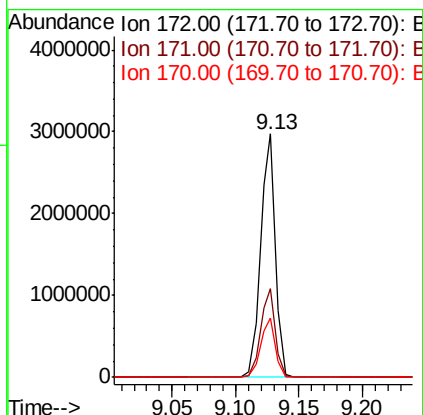
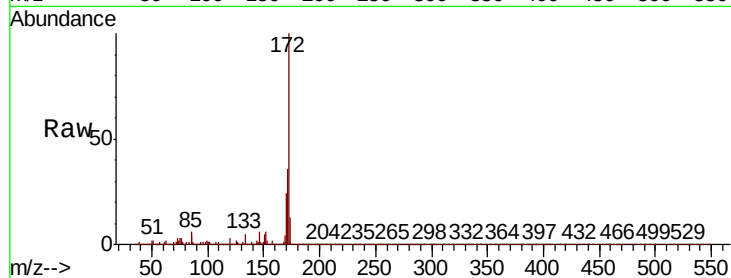




#45
2-Fluorobiphenyl
Concen: 71.492 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

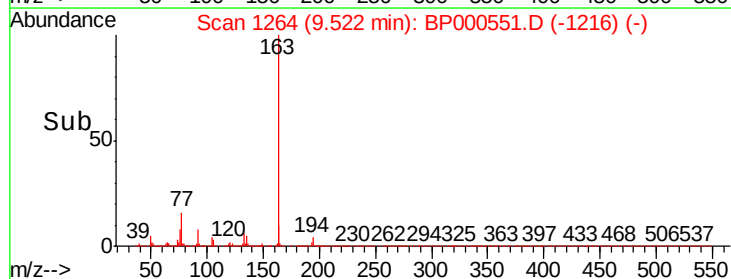
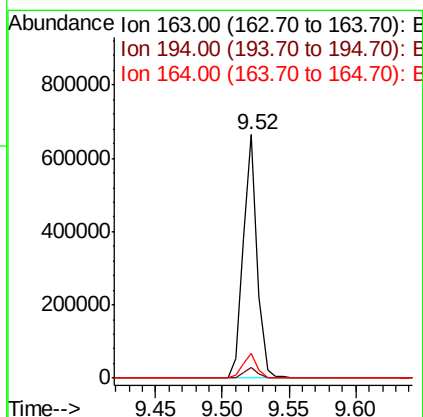
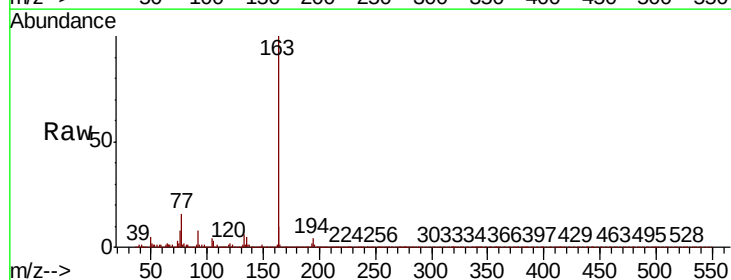
Instrument :
BNA_P
ClientSampleId :
S-4(5-10)

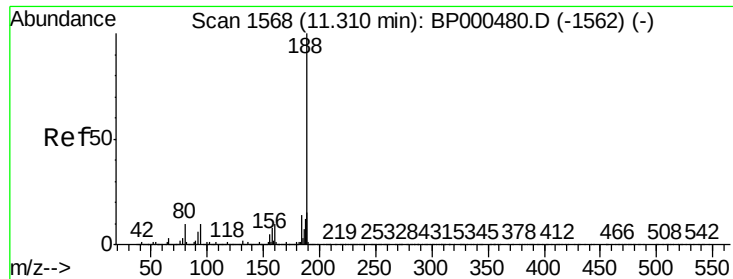
Tot Ion:172 Resp: 2456701
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.5 19.1 28.7



#50
Dimethylphthalate
Concen: 12.445 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion:163 Resp: 480788
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.1 8.0 12.0

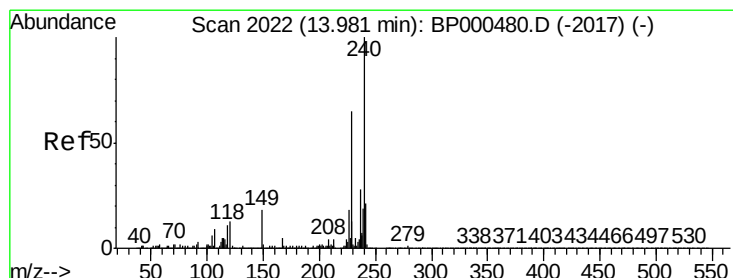
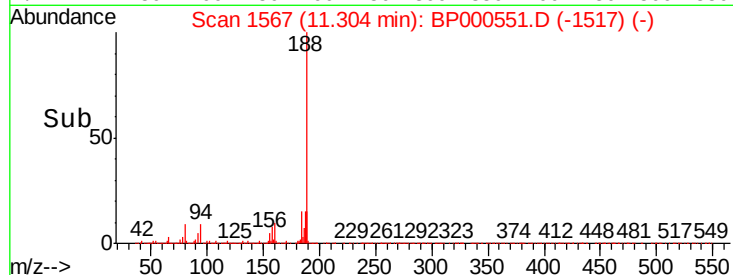
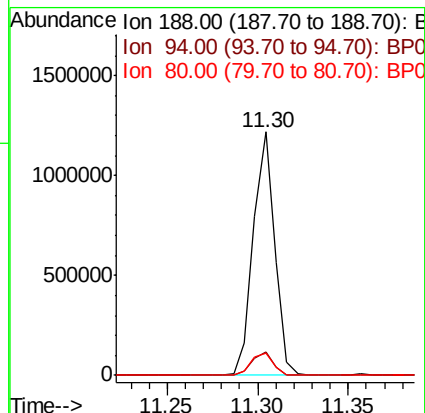
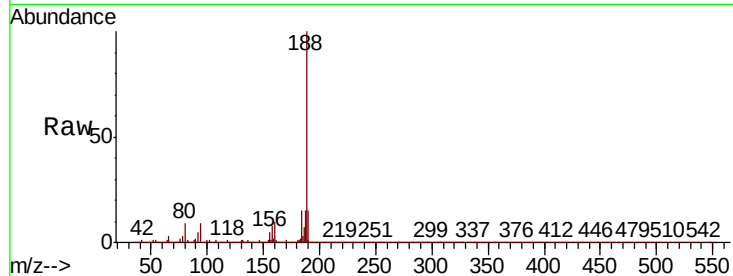




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

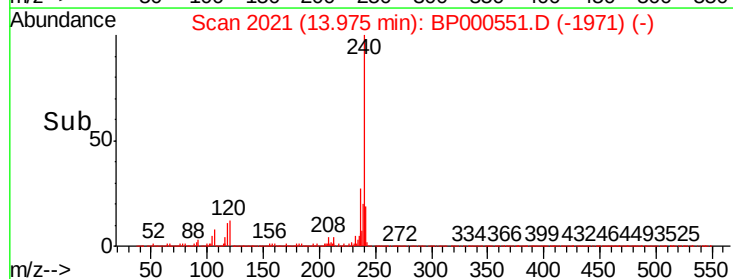
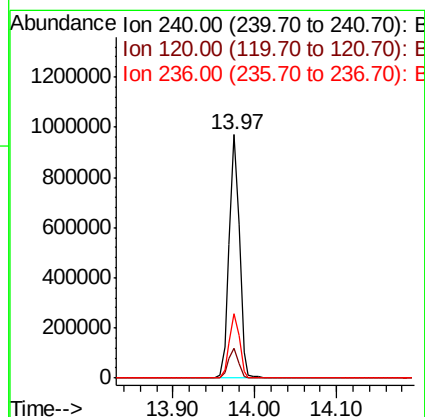
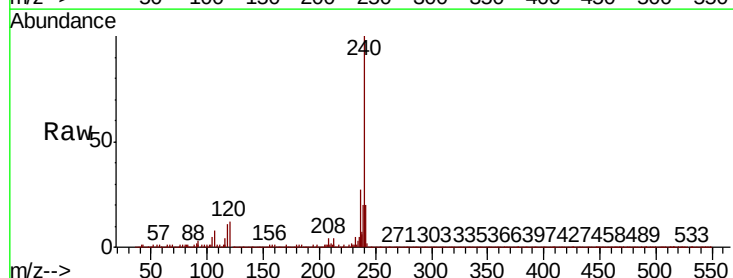
Instrument :
BNA_P
ClientSampleId :
S-4(5-10)

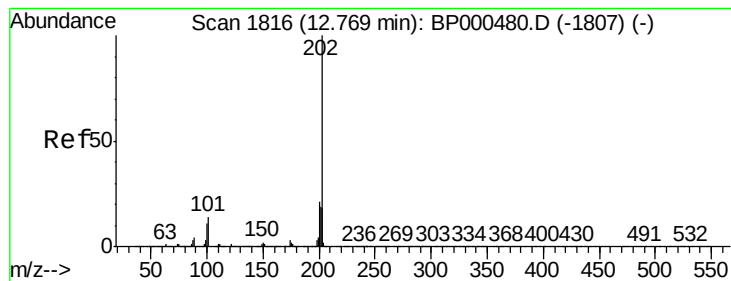
Tot Ion:188 Resp: 1001706
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Tgt Ion:240 Resp: 847702
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 26.5 22.7 34.1





#78

Pvrene

Concen: 2.172 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

Instrument :

BNA_P

ClientSampleId :

S-4(5-10)

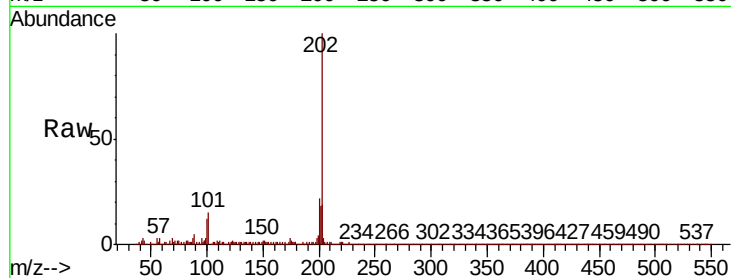
Tot Ion:202 Resp: 127010

Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

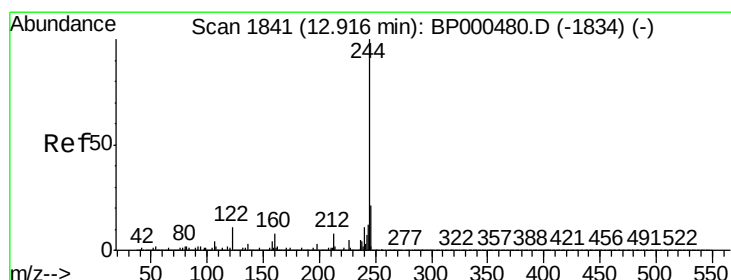
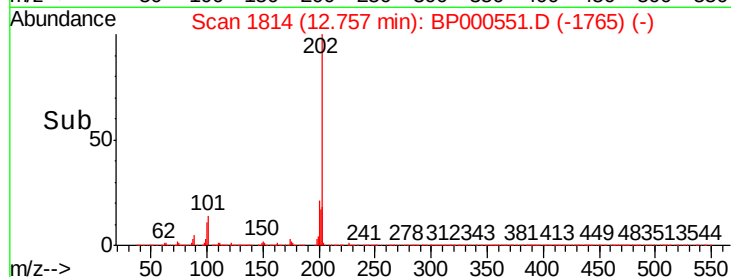
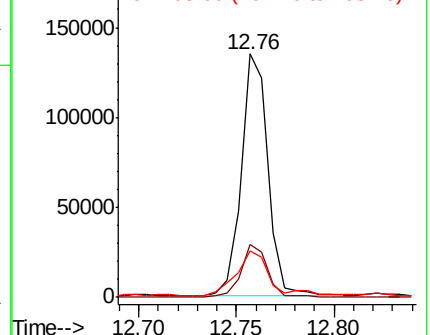
203 19.2 14.6 21.8



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: 67.544 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP000551.D

Acq: 07 Oct 2019 18:32

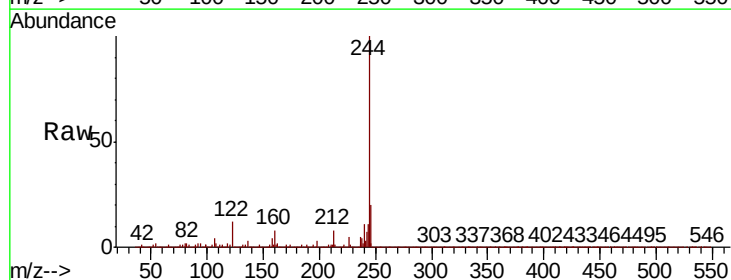
Tgt Ion:244 Resp: 2827916

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

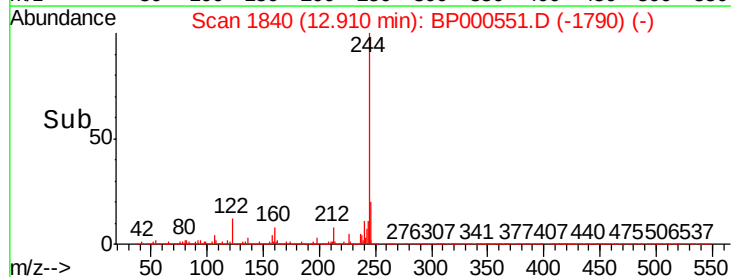
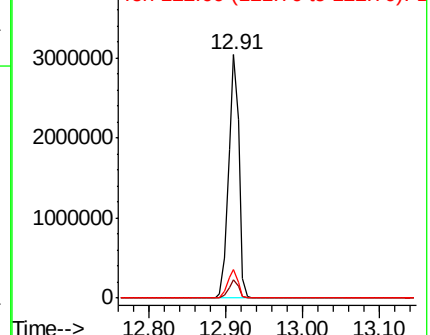
122 12.0 8.9 13.3

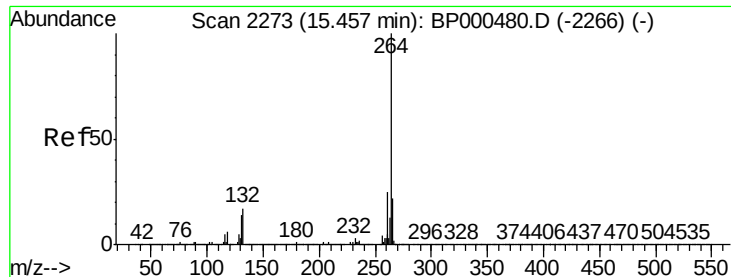


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000551.D
Acq: 07 Oct 2019 18:32

Instrument :
BNA_P
ClientSampled :
S-4(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.3	30.5
265	22.2	18.0	27.0

