

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000547.D
 Acq On : 07 Oct 2019 16:55
 Operator : JU
 Sample : K5213-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1(0-5)

Quant Time: Oct 07 17:33:02 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

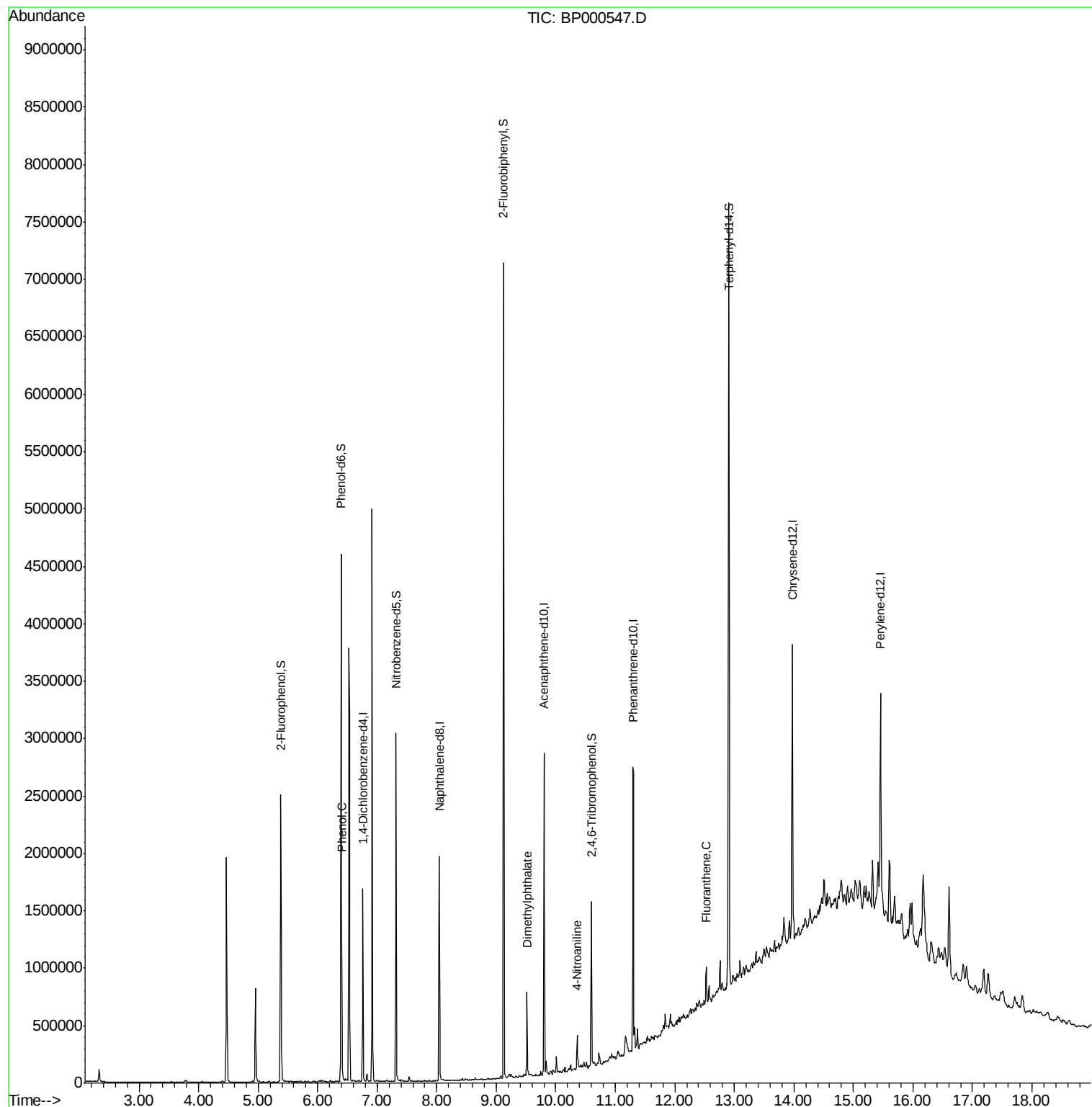
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	253253	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	920712	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	507801	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	936732	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	822482	20.00	ng	0.00
87) Perylene-d12	15.46	264	919558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	748669	47.52	ng	-0.01
7) Phenol-d6	6.40	99	1672978	88.12	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1033946	68.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	163523	30.22	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2132388	67.94	ng	-0.01
79) Terphenyl-d14	12.91	244	2386690	58.75	ng	0.00
Target Compounds						
10) Phenol	6.41	94	81026	4.168	ng	91
50) Dimethylphthalate	9.52	163	309597	8.774	ng	99
62) 4-Nitroaniline	10.36	138	44916	5.297	ng	95
75) Fluoranthene	12.53	202	122038	2.310	ng	99

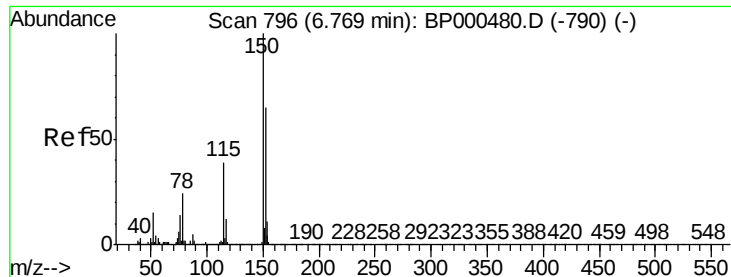
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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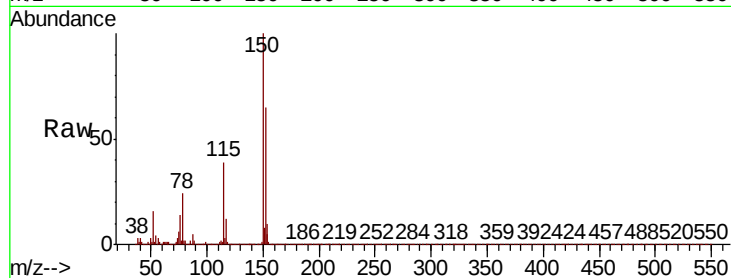


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

Instrument :
BNA_P
ClientSampleId :
S-1(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.1	186.1
115	60.3	48.7	73.1

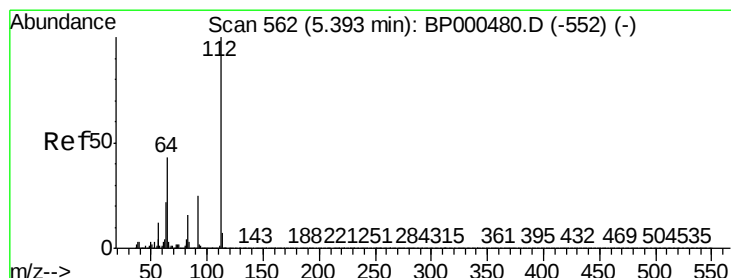
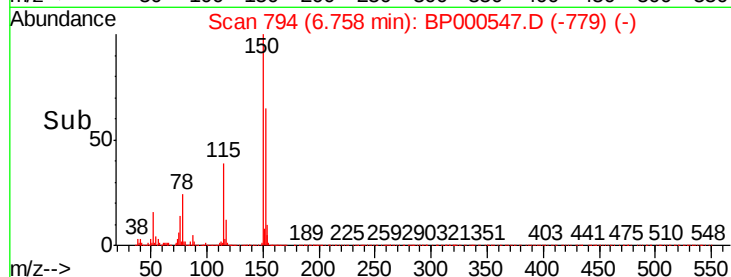
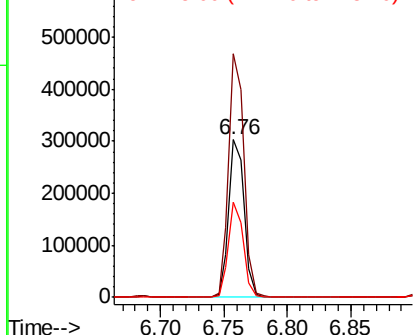


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

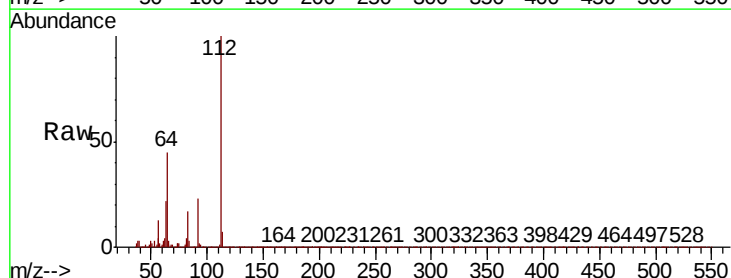
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.519 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	34.2	51.4
63	22.4	17.9	26.9

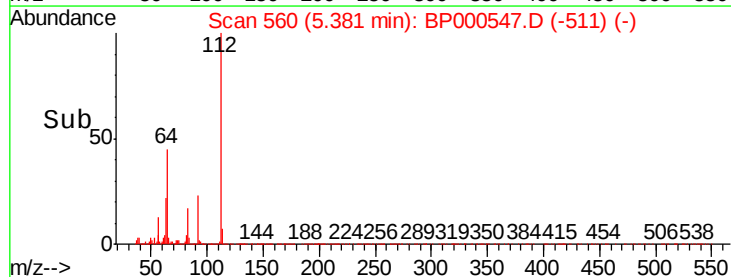
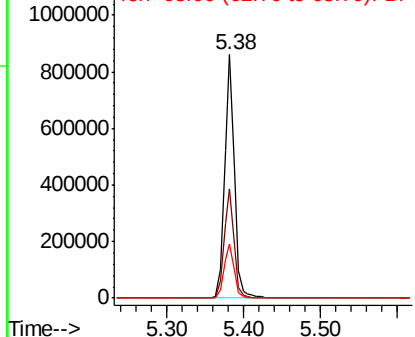


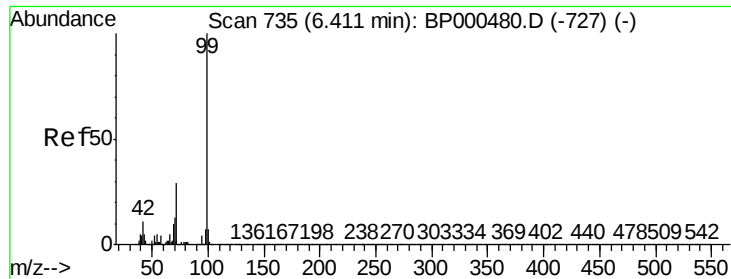
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 88.119 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000547.D

Acq: 07 Oct 2019 16:55

Instrument :

BNA_P

ClientSampleId :

S-1(0-5)

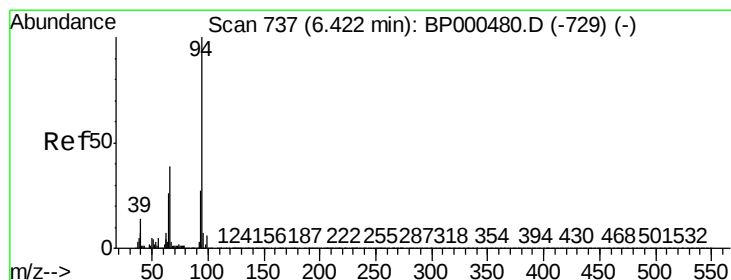
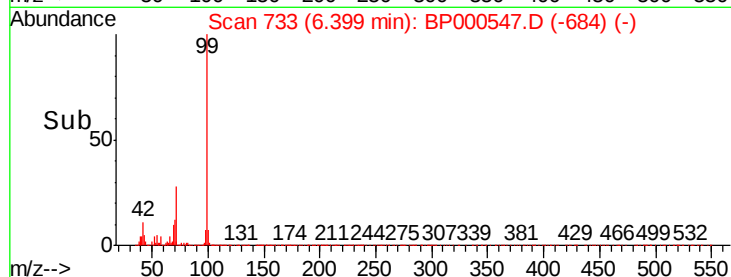
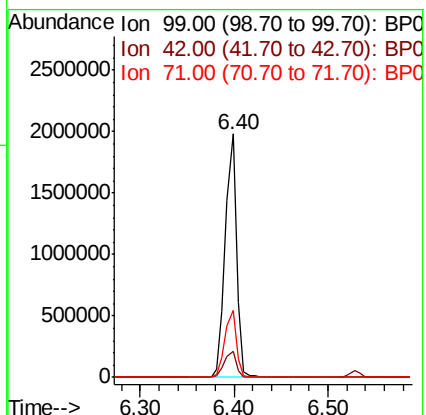
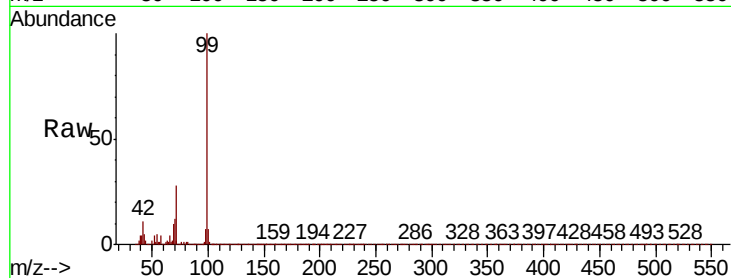
Tot Ion: 99 Resp: 1672978

Ion Ratio Lower Upper

99 100

42 10.6 8.6 12.8

71 27.7 23.0 34.4



#10

Phenol

Concen: 4.168 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000547.D

Acq: 07 Oct 2019 16:55

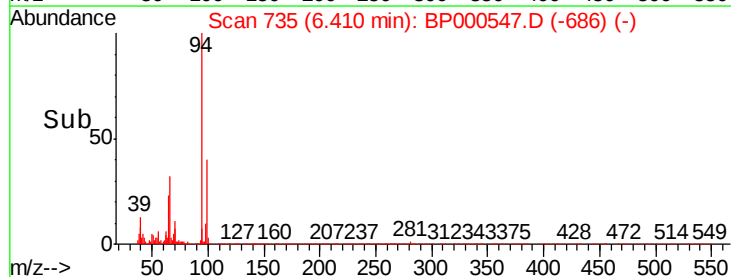
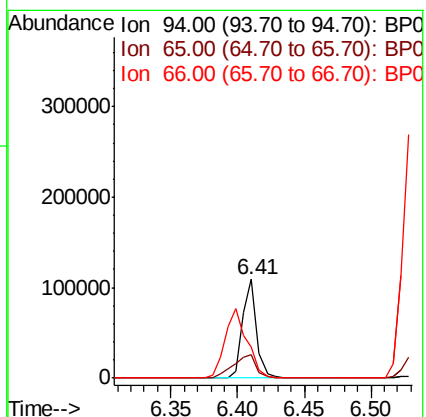
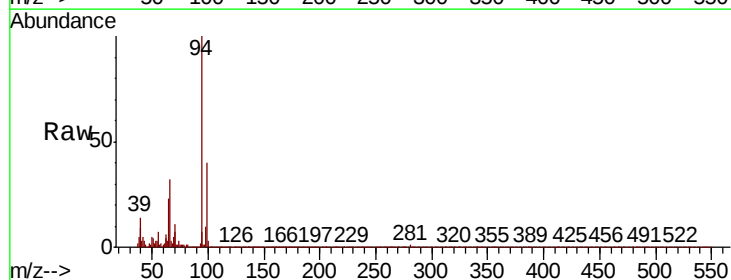
Tgt Ion: 94 Resp: 81026

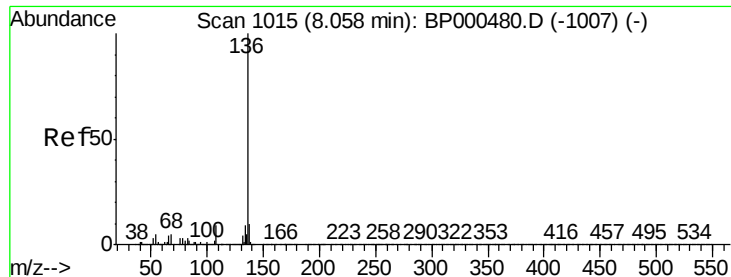
Ion Ratio Lower Upper

94 100

65 23.2 5.9 45.9

66 31.9 18.8 58.8

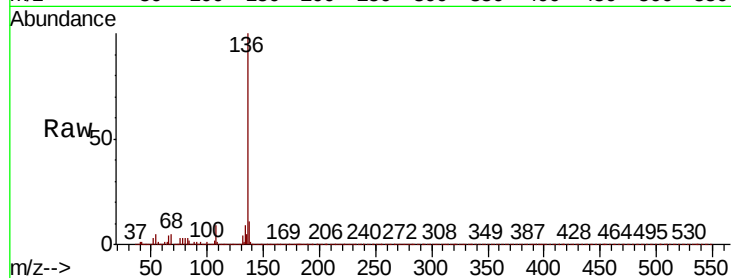




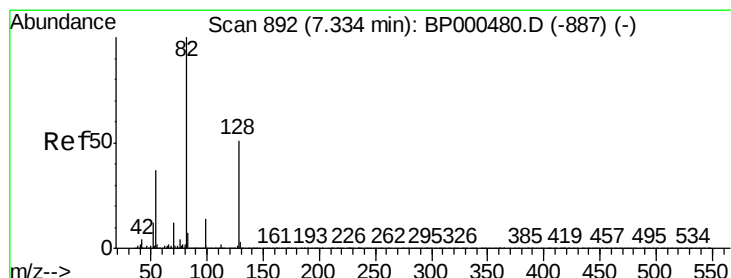
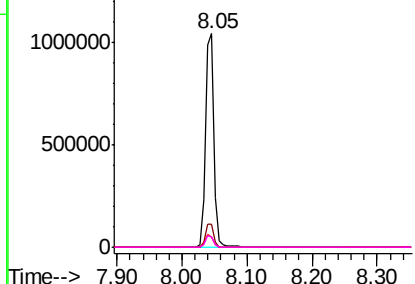
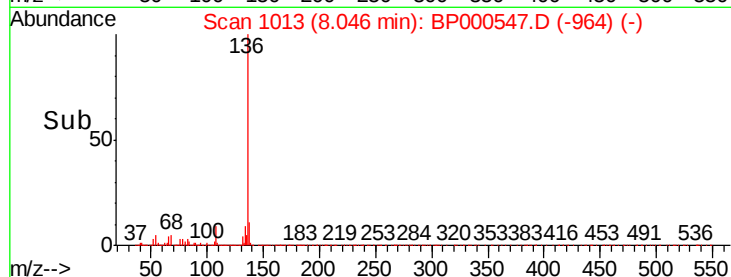
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

Instrument :
BNA_P
ClientSampleId :
S-1(0-5)

Tot Ion:136	Resp:	920712
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.2	12.4
54 5.1	4.1	6.1
68 5.0	4.1	6.1

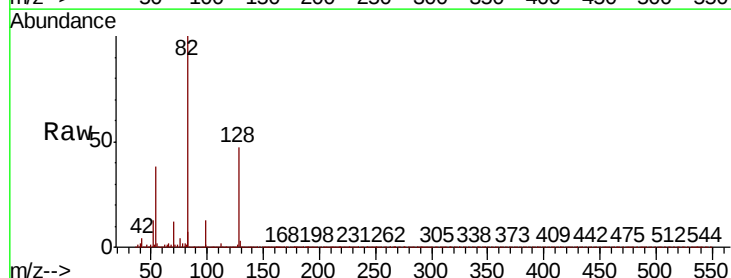


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

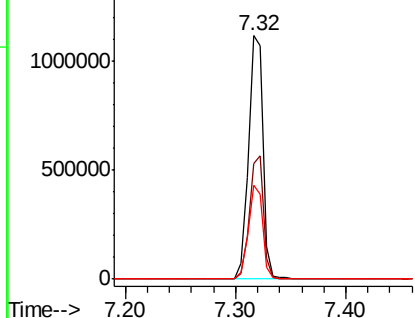
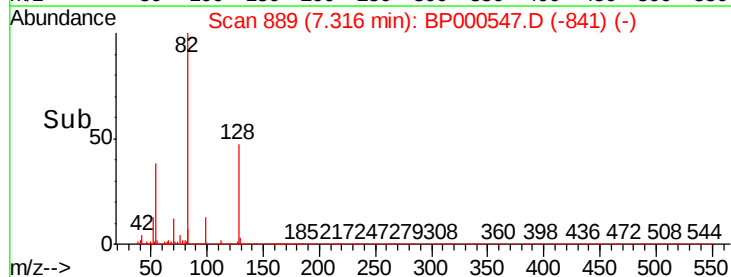


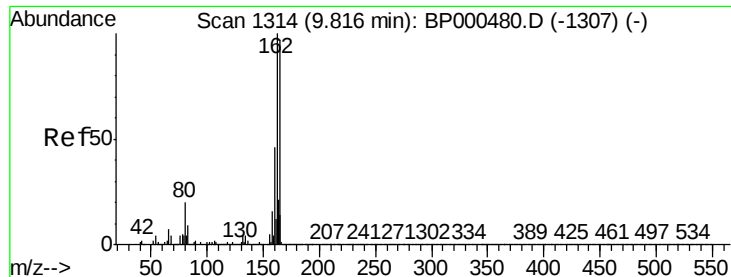
#23
Nitrobenzene-d5
Concen: 68.587 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

Tgt Ion: 82	Resp: 1033946
Ion Ratio	Lower Upper
82 100	
128 47.5	40.9 61.3
54 38.4	29.4 44.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

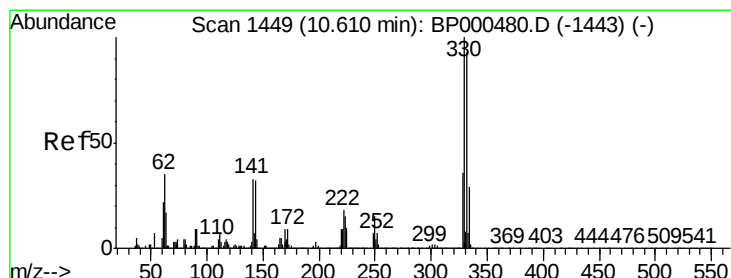
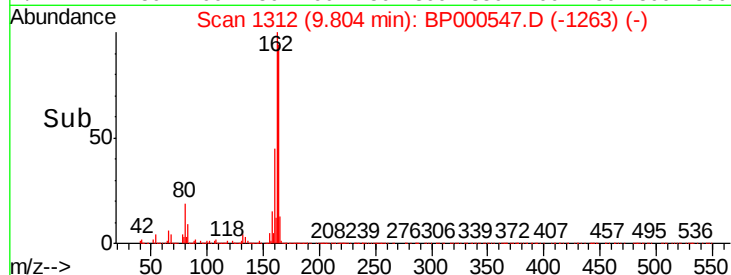
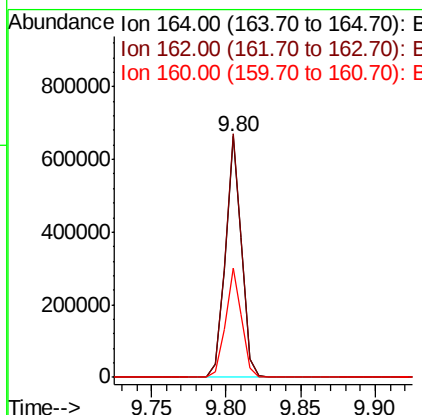
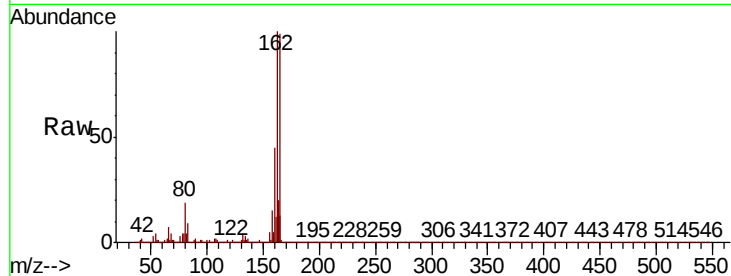




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

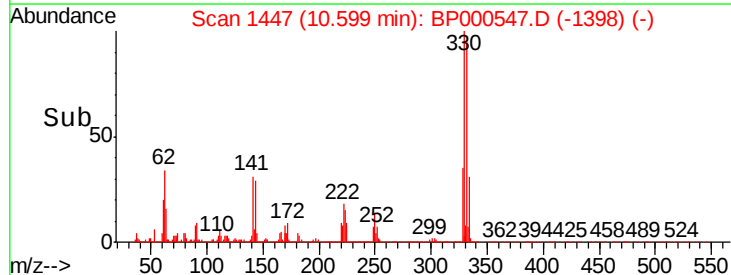
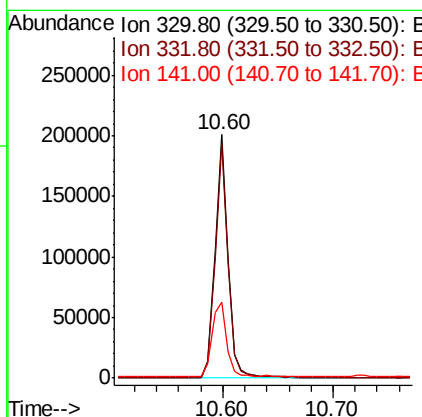
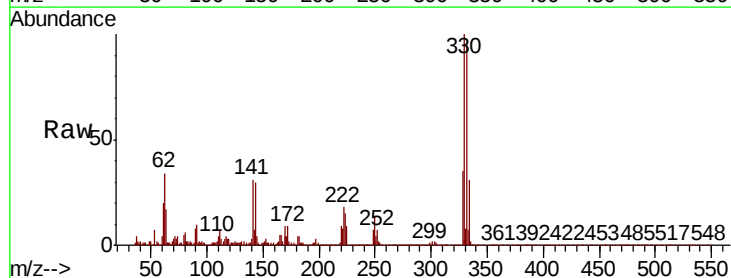
Instrument :
BNA_P
ClientSampleId :
S-1(0-5)

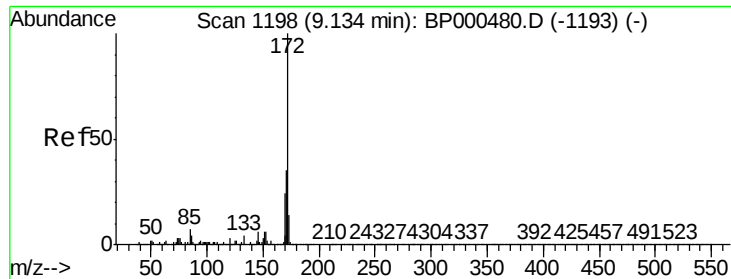
Tot Ion:164 Resp: 507801
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 45.5 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 30.219 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

Tgt Ion:330 Resp: 163523
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 34.5 26.0 39.0

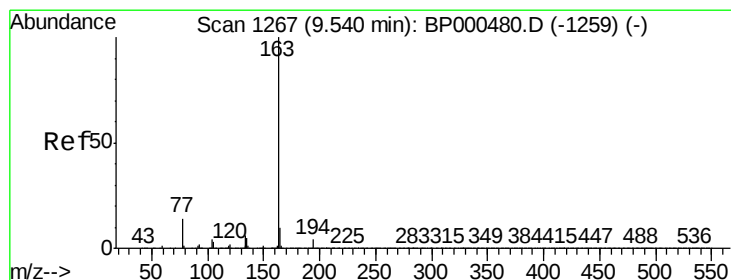
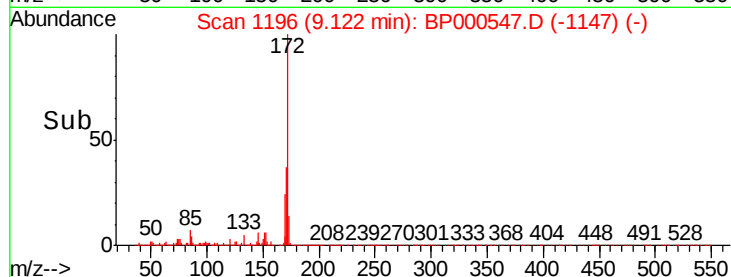
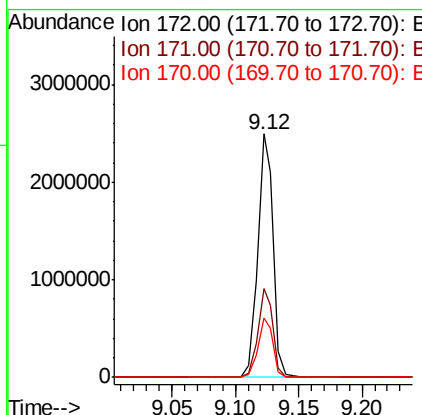
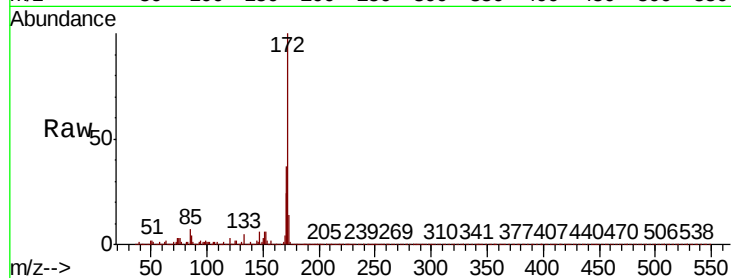




#45
2-Fluorobiphenyl
Concen: 67.944 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

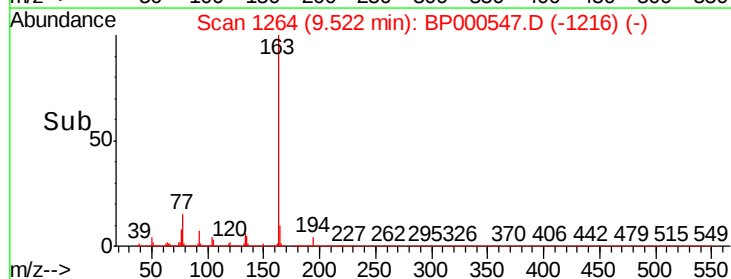
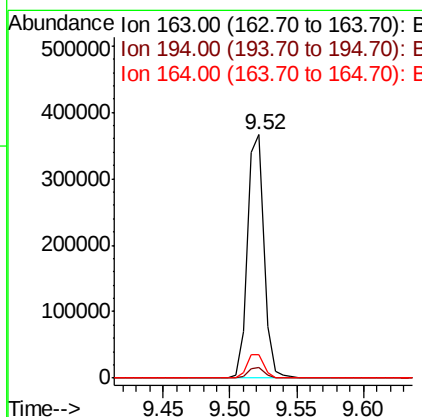
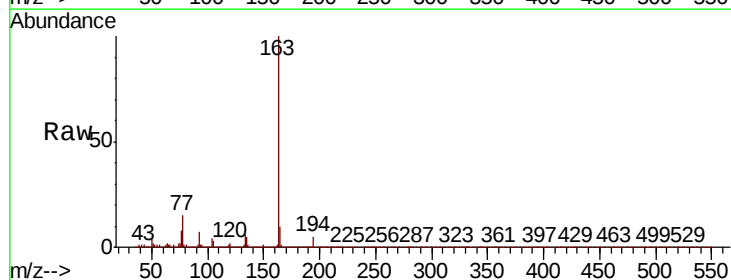
Instrument :
BNA_P
ClientSampleId :
S-1(0-5)

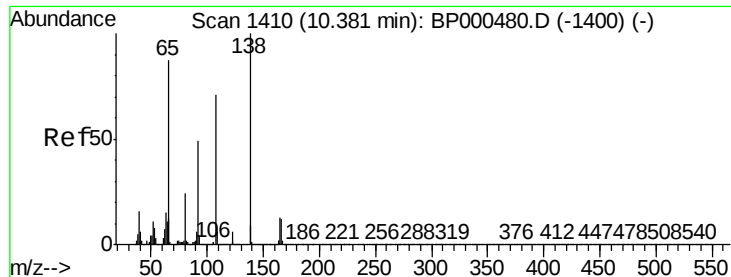
Tot Ion:172 Resp: 2132388
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 24.4 19.1 28.7



#50
Dimethylphthalate
Concen: 8.774 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000547.D
Acq: 07 Oct 2019 16:55

Tgt Ion:163 Resp: 309597
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.7 8.0 12.0





#62

4-Nitroaniline

Concen: 5.297 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BP000547.D

Acq: 07 Oct 2019 16:55

Instrument :

BNA_P

ClientSampleId :

S-1(0-5)

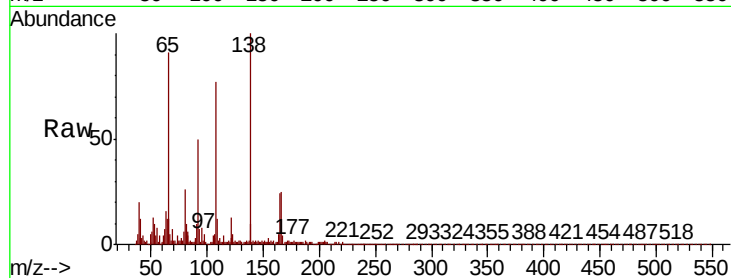
Tot Ion:138 Resp: 44916

Ion Ratio Lower Upper

138 100

92 49.8 28.7 68.7

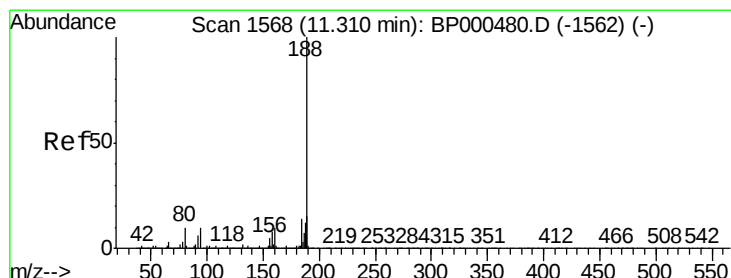
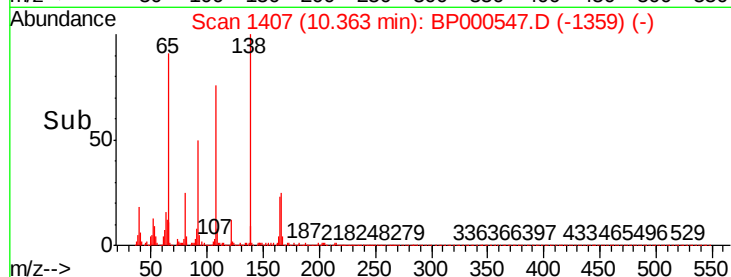
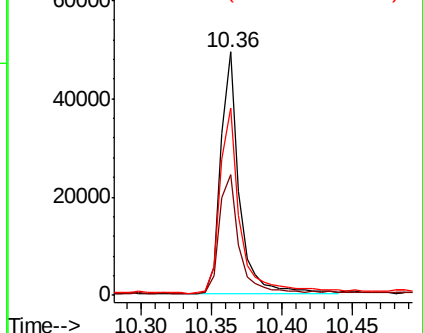
108 76.9 50.6 90.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BP000547.D

Acq: 07 Oct 2019 16:55

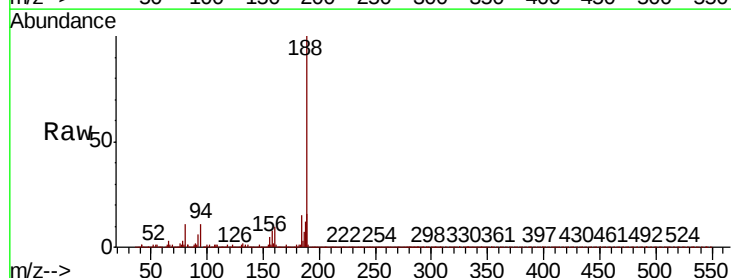
Tgt Ion:188 Resp: 936732

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

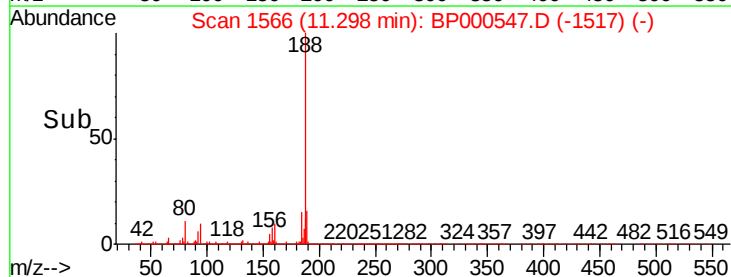
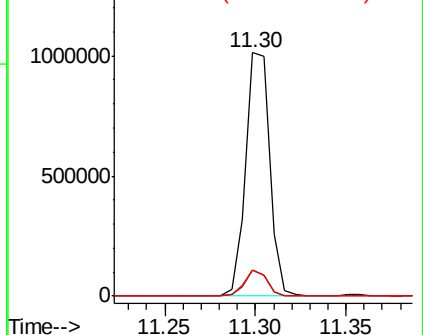
80 10.9 8.3 12.5

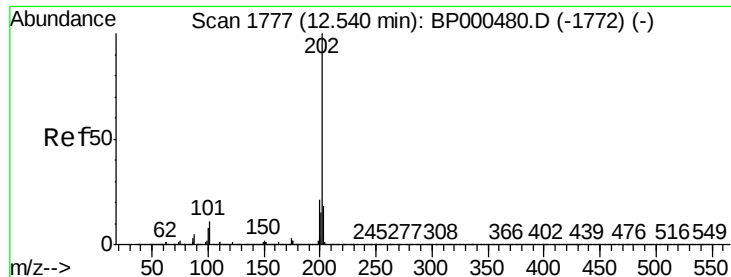


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#75

Fluoranthene

Concen: 2.310 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000547.D

Acq: 07 Oct 2019 16:55

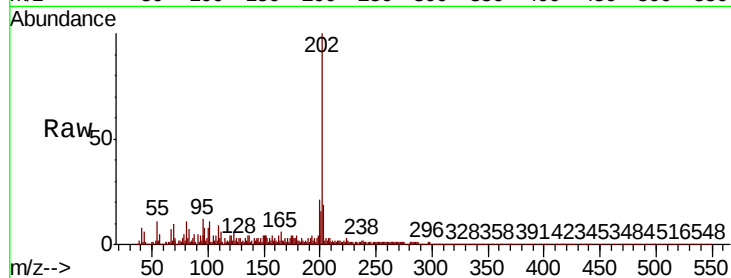
Instrument :

BNA_P

ClientSampleId :

S-1(0-5)

Tot Ion:	202	Resp:	122038
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.3
203	18.8	0.0	38.1



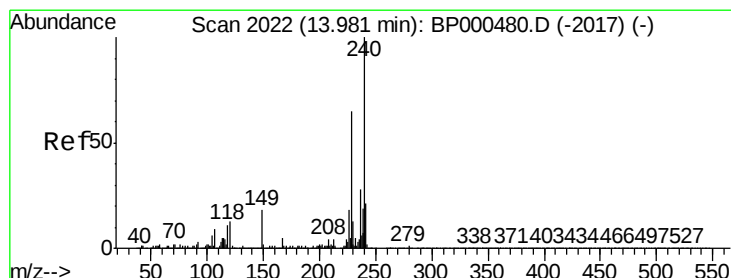
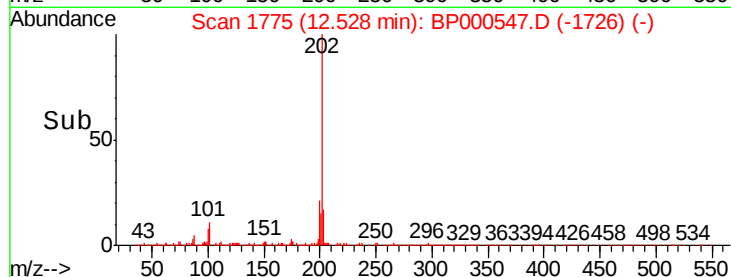
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.53

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

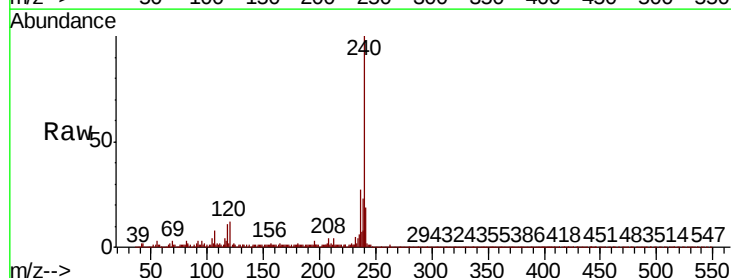
RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BP000547.D

Acq: 07 Oct 2019 16:55

Tgt Ion:	240	Resp:	822482
Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.1	15.1
236	27.3	22.7	34.1



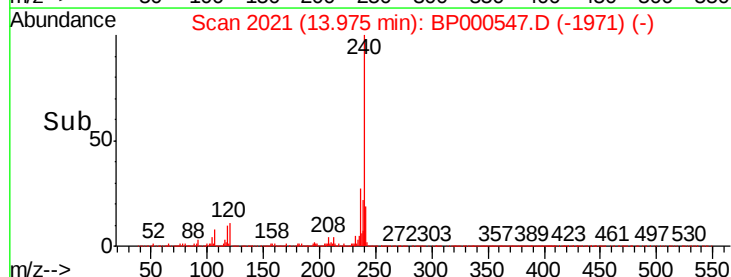
Abundance Ion 240.00 (239.70 to 240.70): E

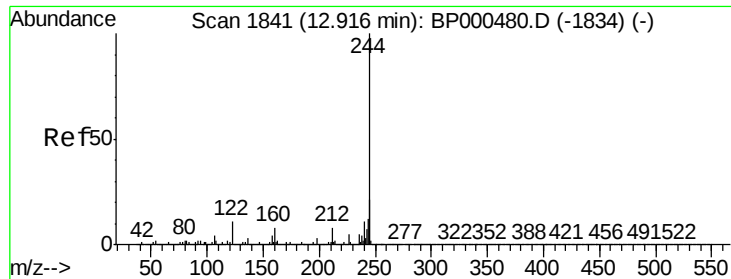
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.97

Time-->

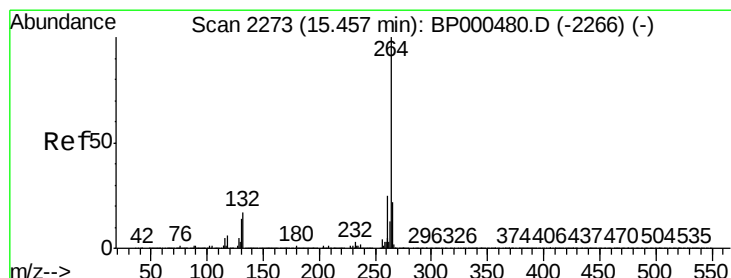
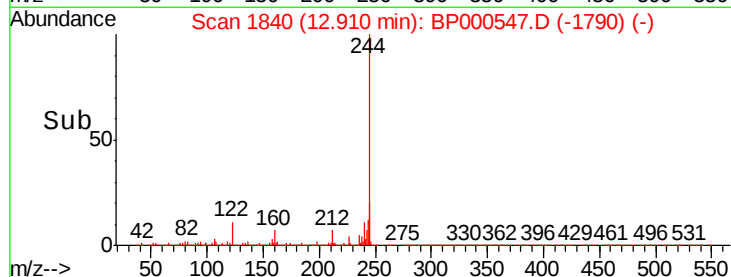
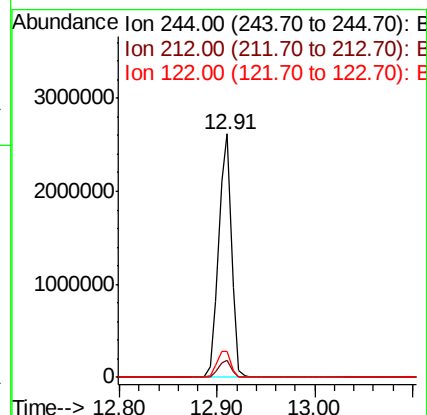
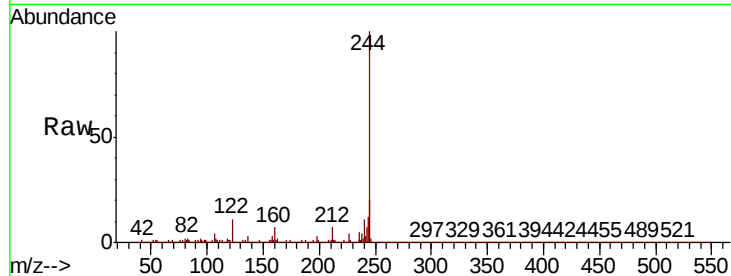




#79
 Terphenyl-d14
 Concen: 58.754 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BP000547.D
 Acq: 07 Oct 2019 16:55

Instrument :
 BNA_P
 ClientSampleId :
 S-1(0-5)

Tot Ion:244 Resp: 2386690
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.8 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BP000547.D
 Acq: 07 Oct 2019 16:55

Tgt Ion:264 Resp: 919558
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.3 30.5
 265 21.8 18.0 27.0

