

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000550.D
 Acq On : 07 Oct 2019 18:07
 Operator : JU
 Sample : K5213-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 08 06:16:55 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

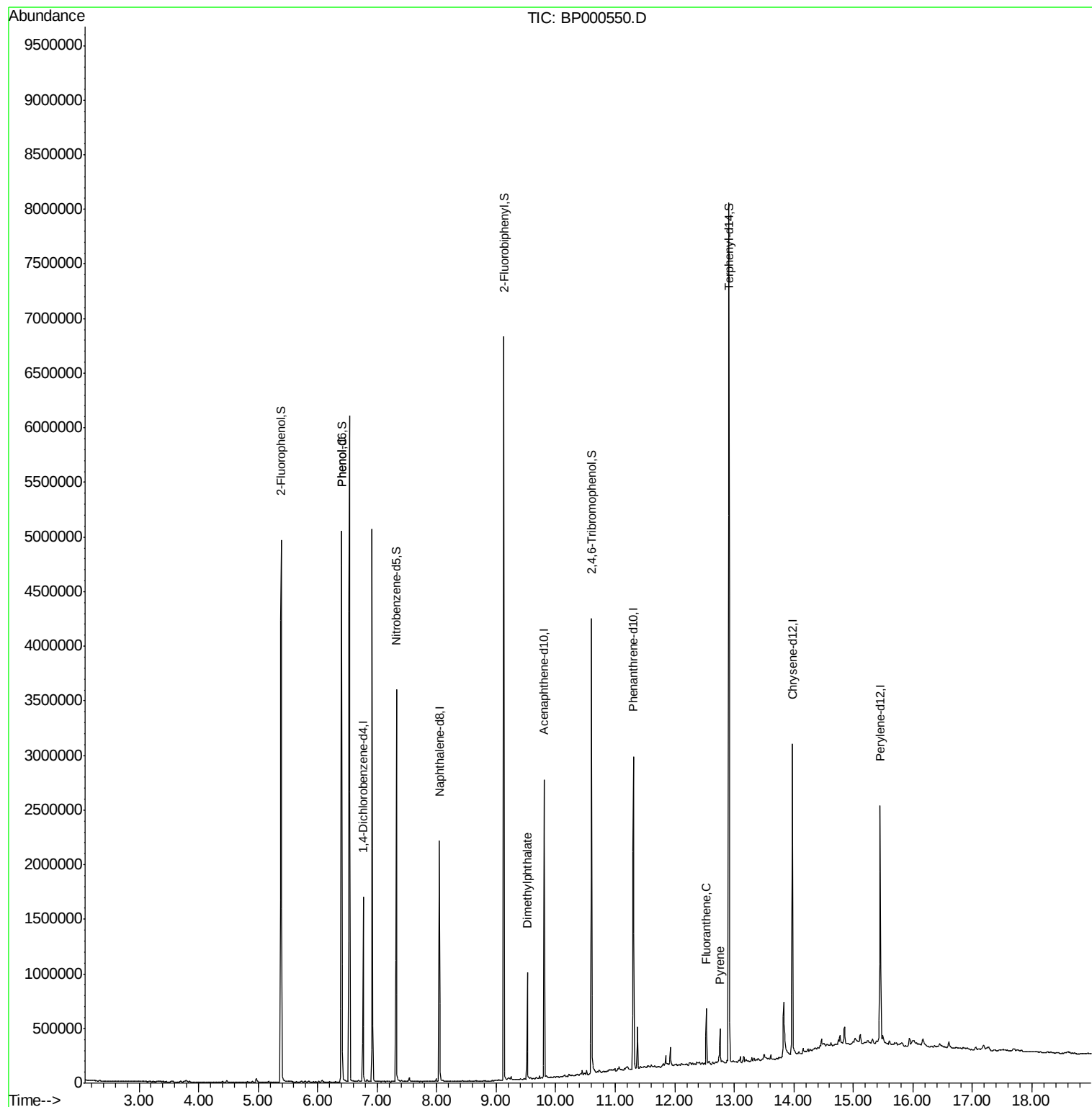
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	267052	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	968629	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	531199	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	981158	20.00	ng	0.00
76) Chrysene-d12	13.97	240	859422	20.00	ng	0.00
87) Perylene-d12	15.45	264	973255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1589784	95.69	ng	0.00
7) Phenol-d6	6.40	99	2114899	105.64	ng	0.00
23) Nitrobenzene-d5	7.32	82	1132548	71.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	527130	93.12	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2169320	66.08	ng	0.00
79) Terphenyl-d14	12.91	244	2535637	59.74	ng	0.00
Target Compounds						
10) Phenol	6.41	94	92012	4.489	ng	97
50) Dimethylphthalate	9.52	163	386377	10.468	ng	100
75) Fluoranthene	12.53	202	187436	3.387	ng	99
78) Pyrene	12.76	202	128880	2.174	ng	99

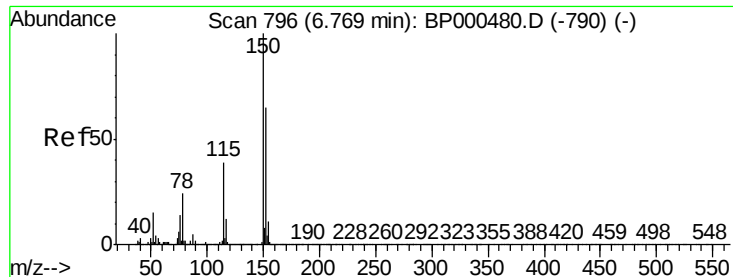
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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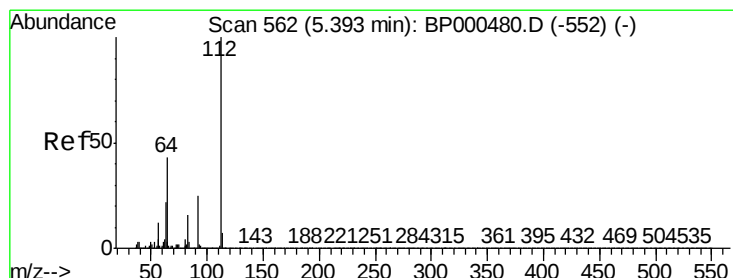
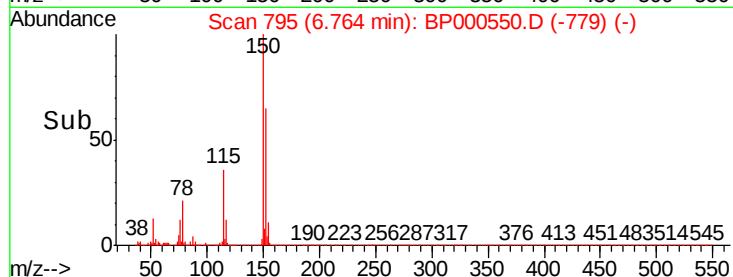
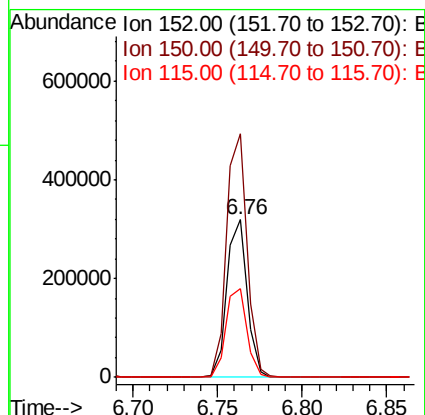
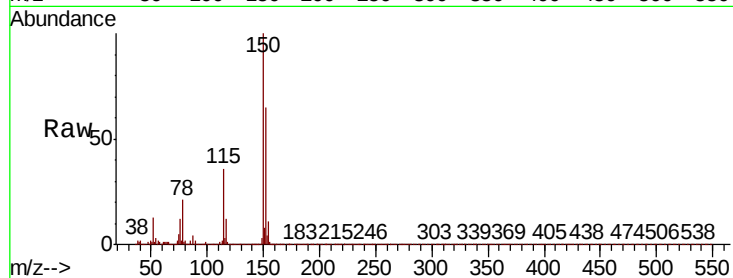


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Instrument :
BNA_P
ClientSampleId :

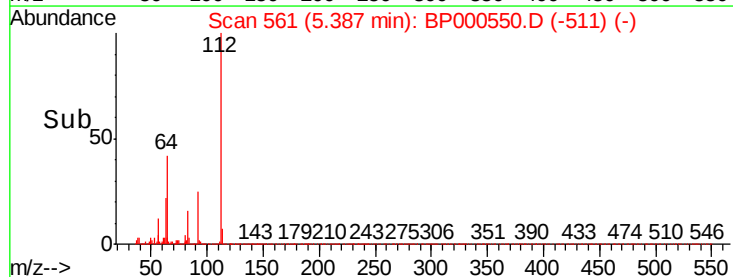
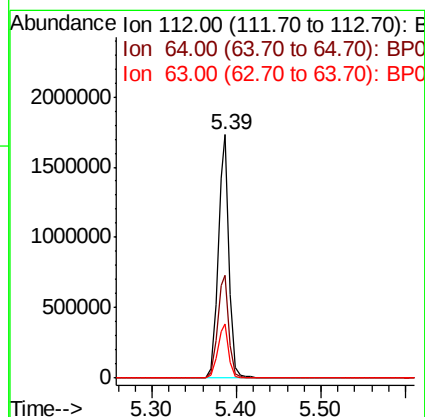
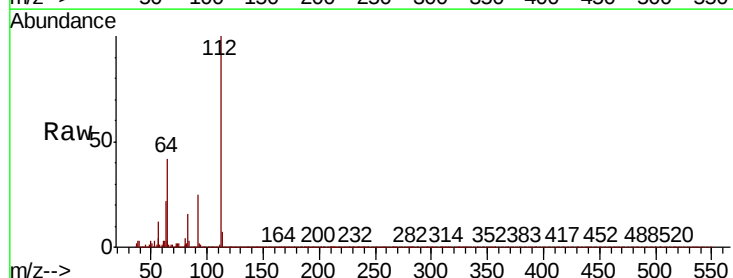
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.1	186.1
115	56.0	48.7	73.1

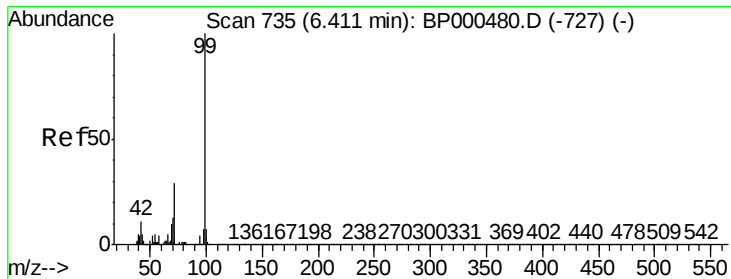


#5

2-Fluorophenol
Concen: 95.693 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.5	34.2	51.4
63	22.0	17.9	26.9





#7

Phenol-d6

Concen: 105.640 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

Instrument :

BNA_P

ClientSampled :

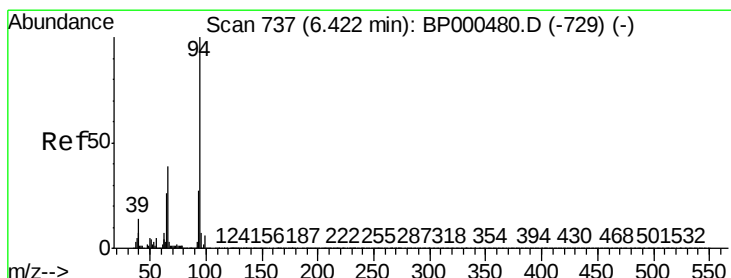
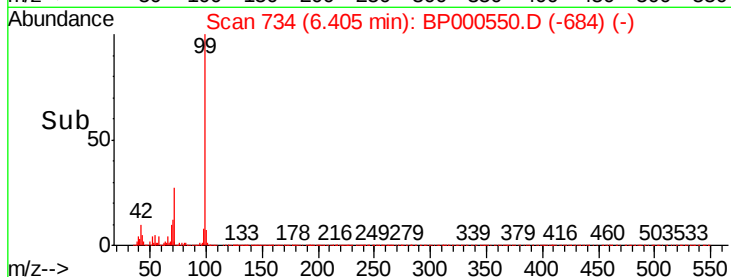
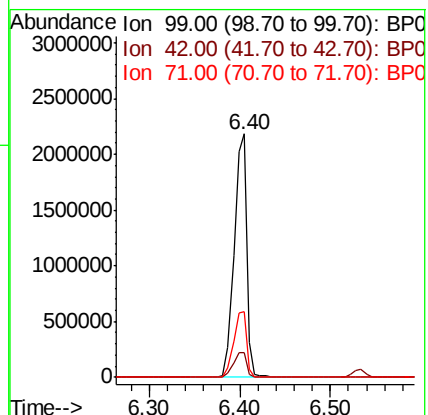
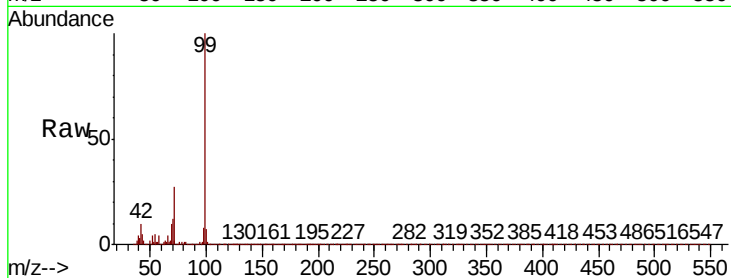
Tot Ion: 99 Resp: 2114899

Ion Ratio Lower Upper

99 100

42 9.9 8.6 12.8

71 27.1 23.0 34.4



#10

Phenol

Concen: 4.489 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

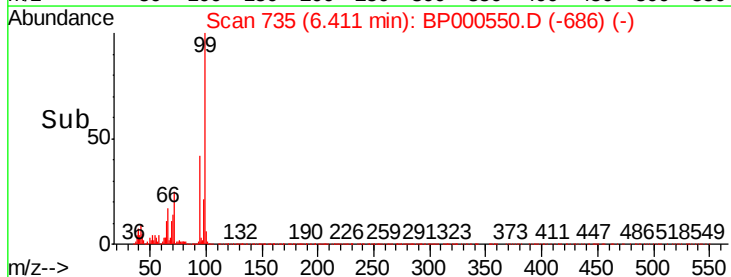
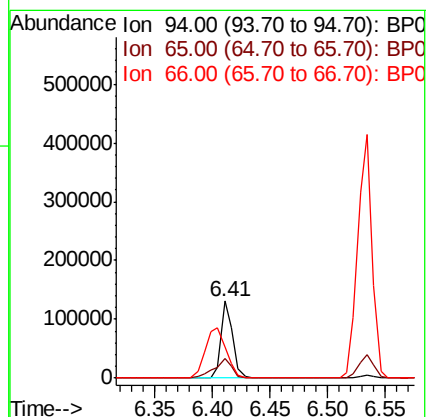
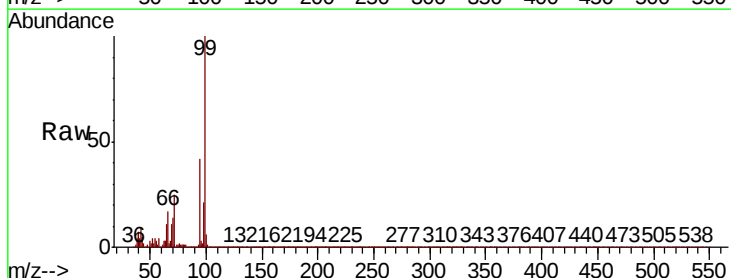
Tgt Ion: 94 Resp: 92012

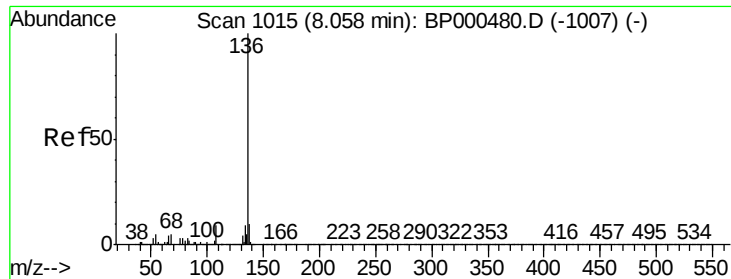
Ion Ratio Lower Upper

94 100

65 26.1 5.9 45.9

66 41.3 18.8 58.8

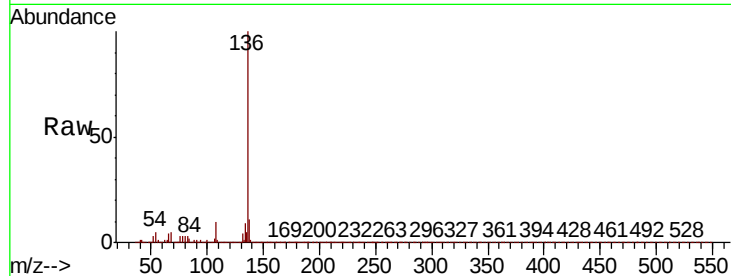




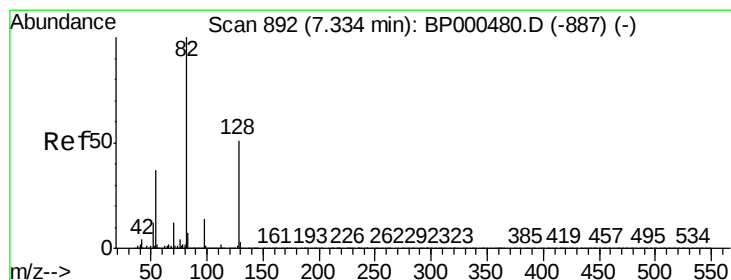
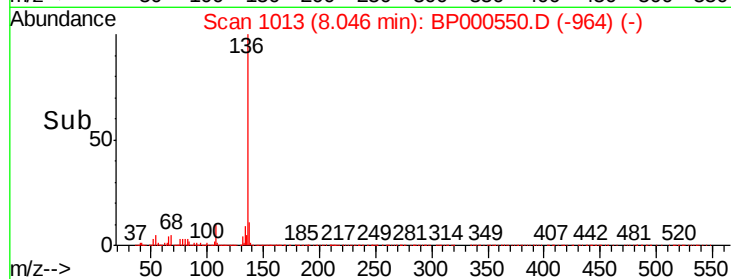
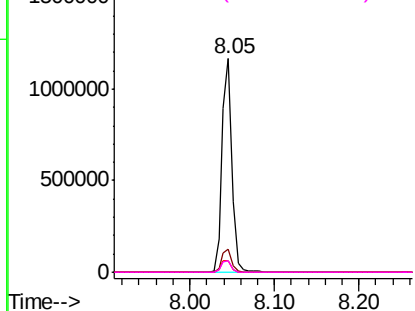
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	968629
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.2 12.4
54	5.4	4.1 6.1
68	5.2	4.1 6.1

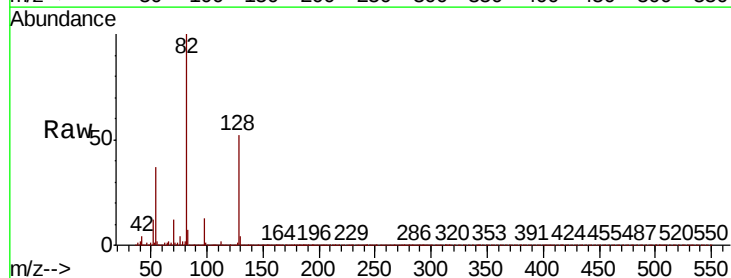


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

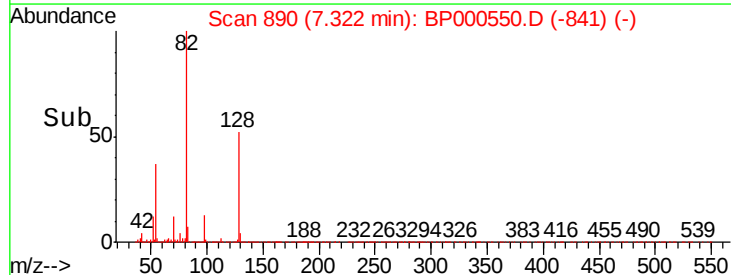
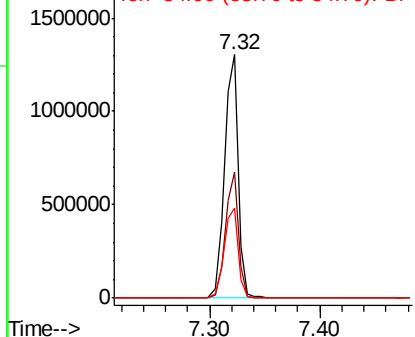


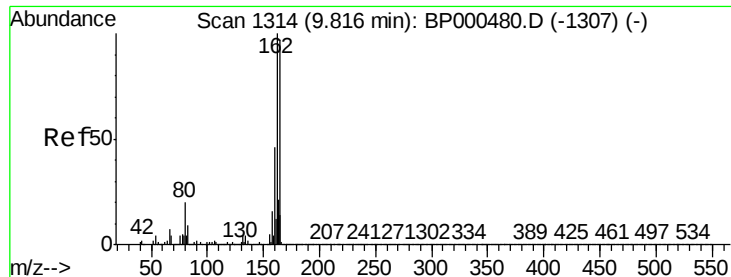
#23
Nitrobenzene-d5
Concen: 71.411 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion: 82	Resp:	1132548
Ion	Ratio	Lower Upper
82	100	
128	51.9	40.9 61.3
54	37.0	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

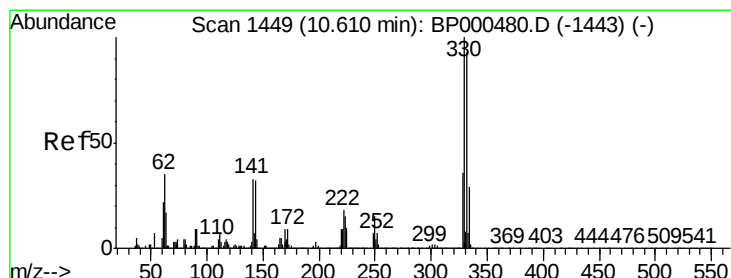
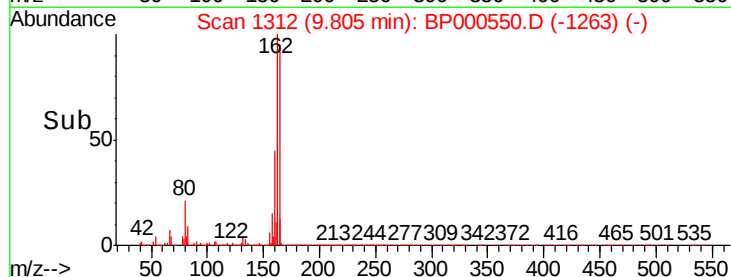
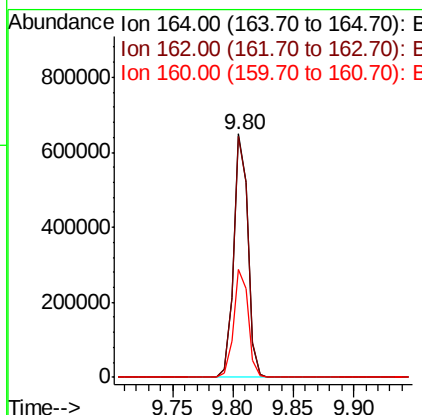
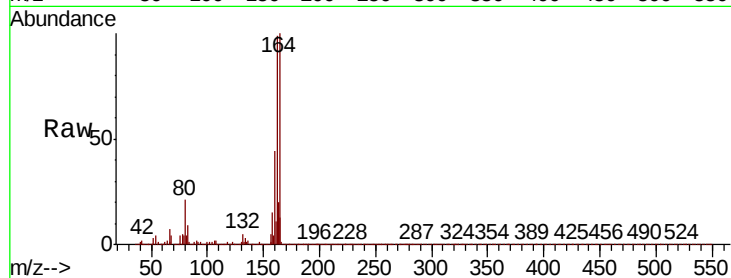




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

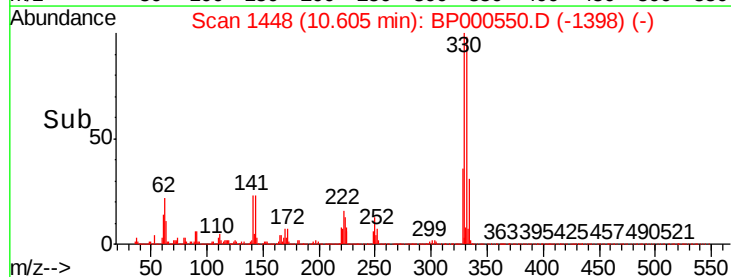
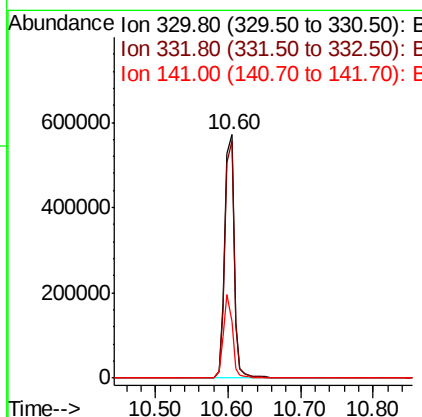
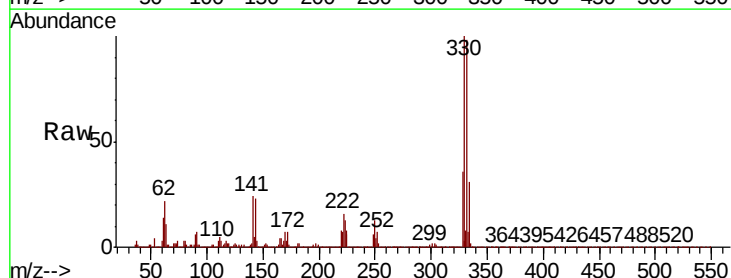
Instrument :
BNA_P
ClientSampleId :

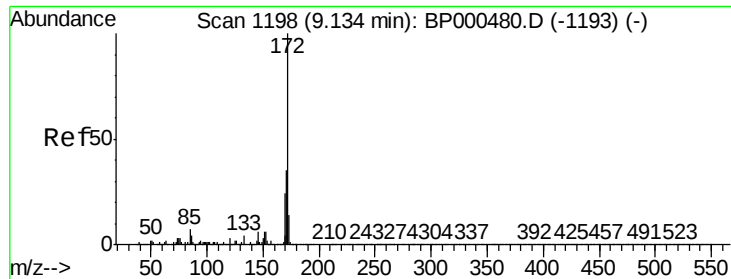
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.2	123.2
160	44.4	37.6	56.4



#42
2,4,6-Tribromophenol
Concen: 93.123 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	32.3	26.0	39.0

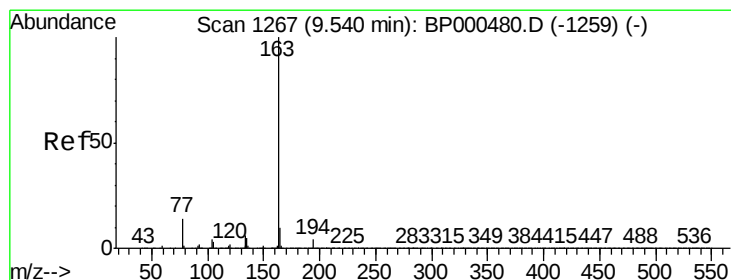
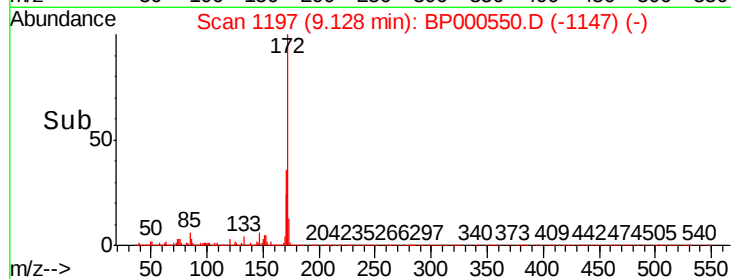
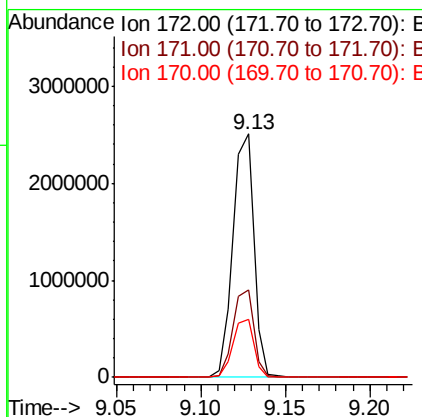
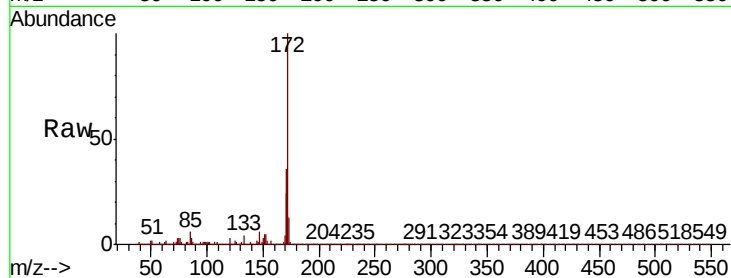




#45
2-Fluorobiphenyl
Concen: 66.076 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

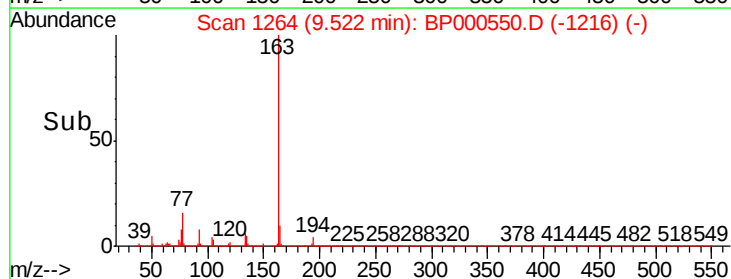
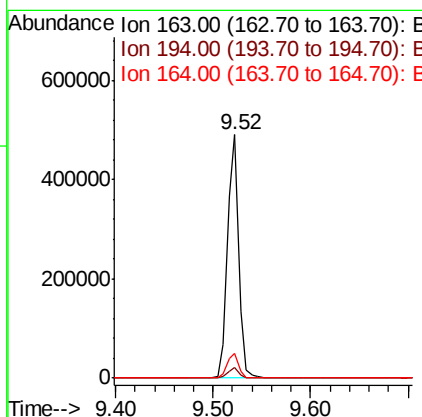
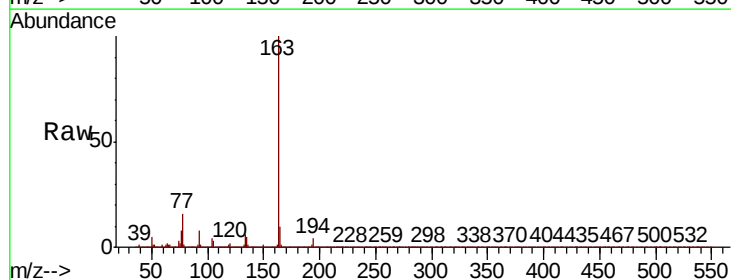
Instrument :
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ClientSampleId :

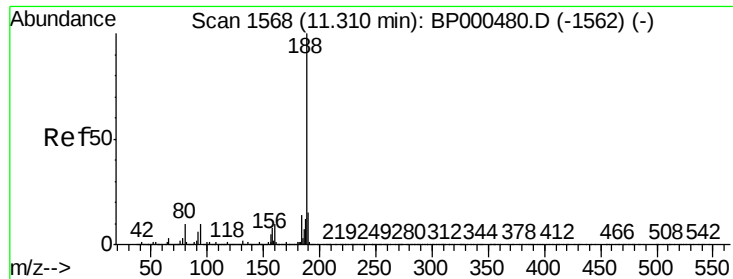
Tot Ion:172 Resp: 2169320
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.0 19.1 28.7



#50
Dimethylphthalate
Concen: 10.468 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion:163 Resp: 386377
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 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: BP000550.D

Acq: 07 Oct 2019 18:07

Instrument :

BNA_P

ClientSampleId :

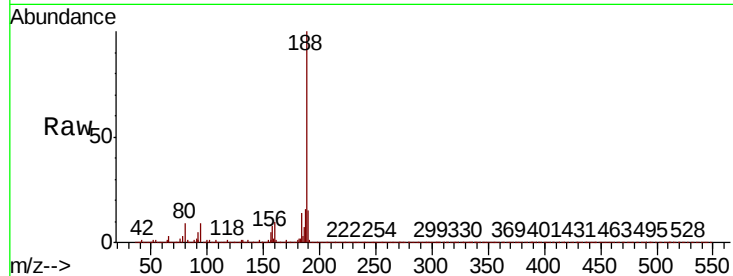
Tot Ion:188 Resp: 981158

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

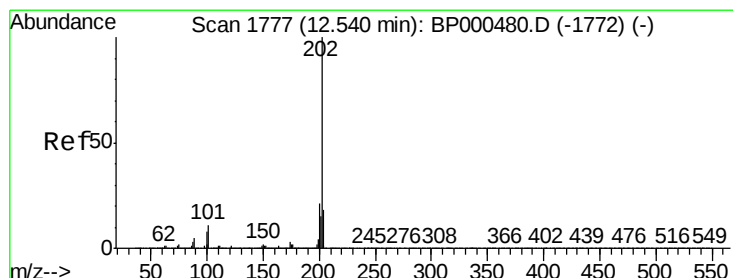
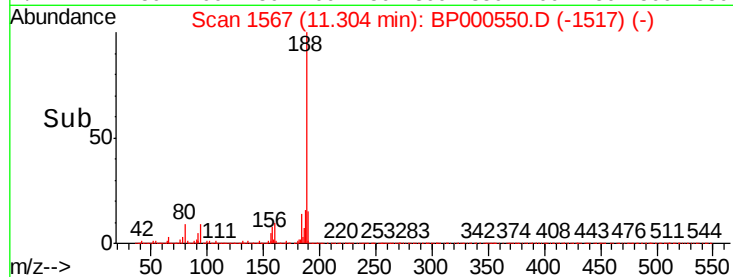
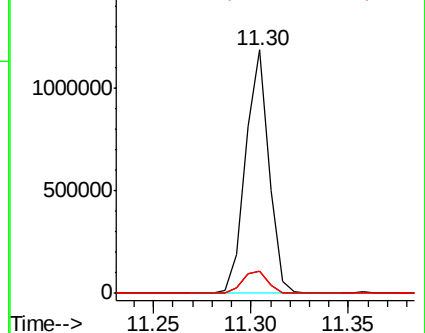
80 9.3 8.3 12.5



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: 3.387 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

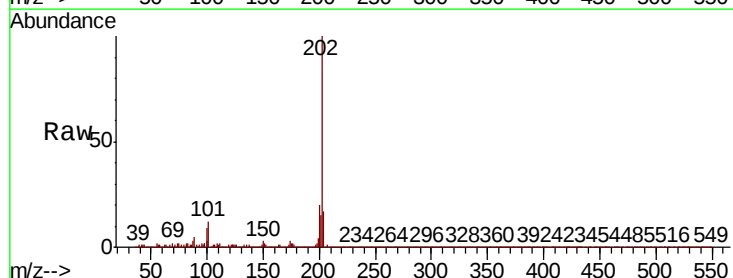
Tgt Ion:202 Resp: 187436

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

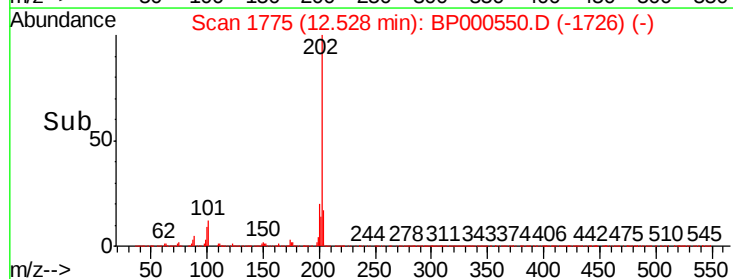
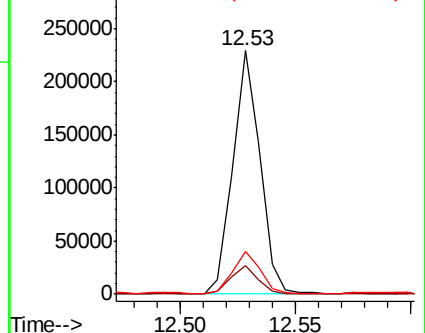
203 17.4 0.0 38.1

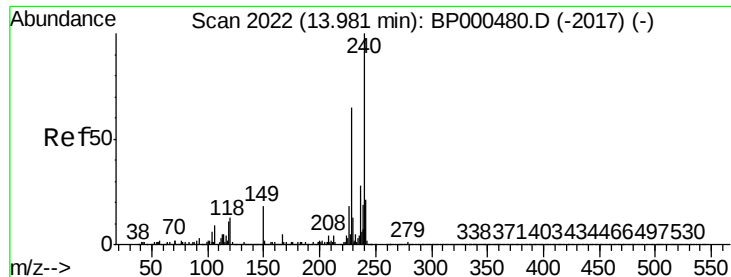


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

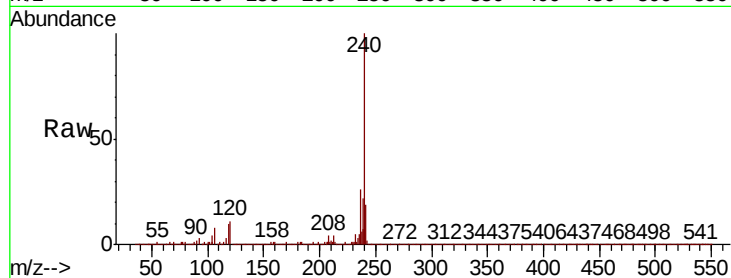




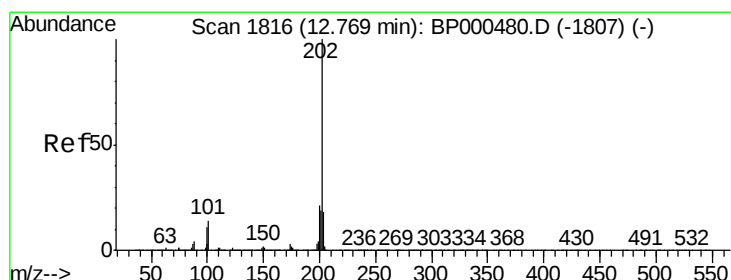
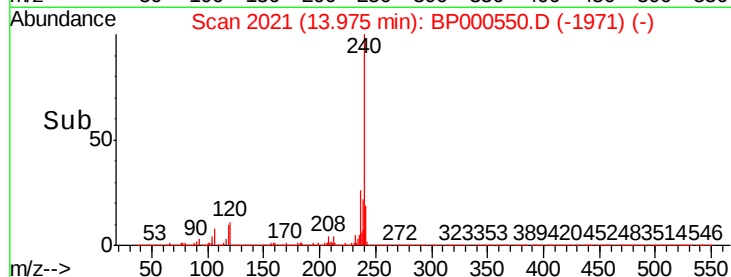
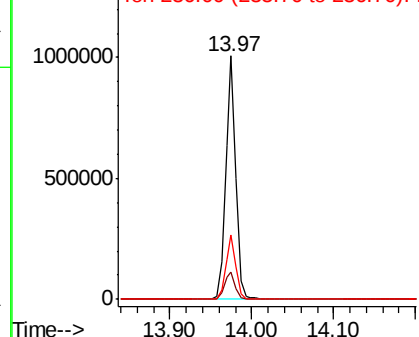
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:240 Resp: 859422
Ion Ratio Lower Upper
240 100
120 11.5 10.1 15.1
236 26.3 22.7 34.1

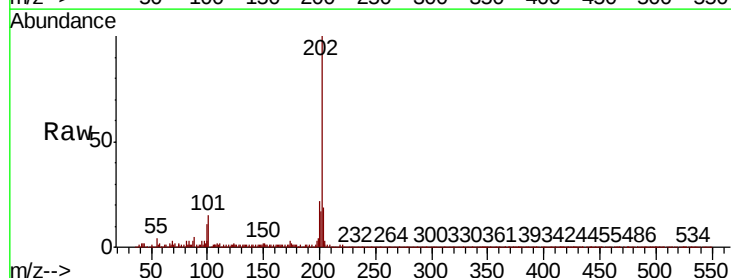


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

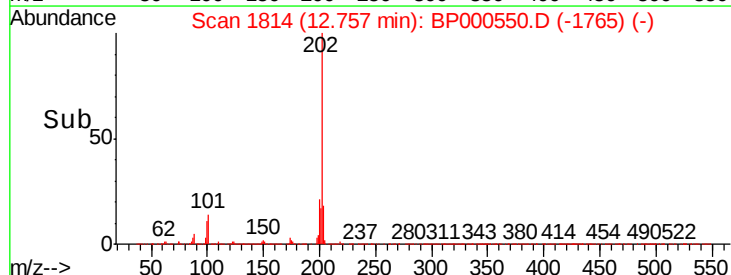
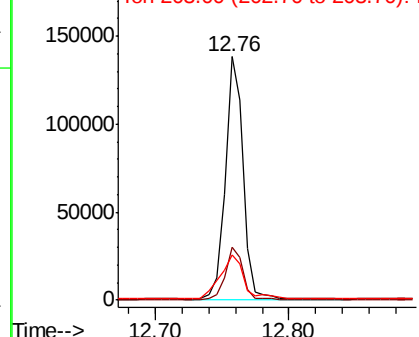


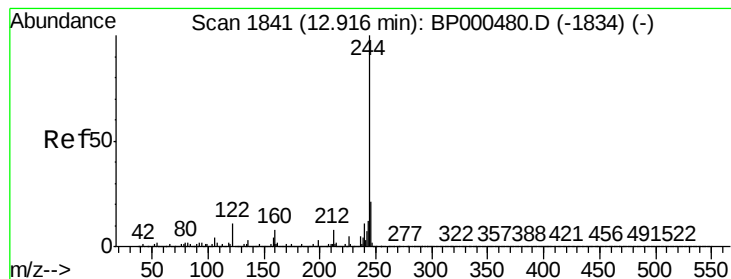
#78
Pyrene
Concen: 2.174 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000550.D
Acq: 07 Oct 2019 18:07

Tgt Ion:202 Resp: 128880
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.6 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: 59.737 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

Instrument :

BNA_P

ClientSampleId :

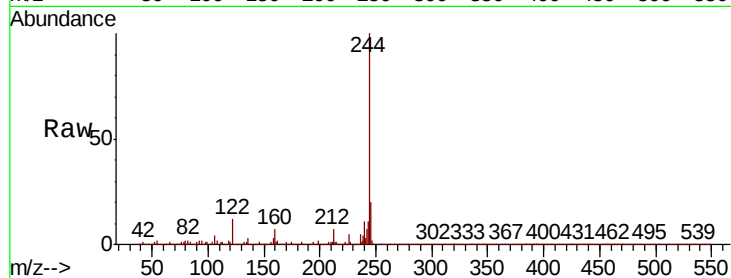
Tot Ion:244 Resp: 2535637

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.8 8.9 13.3

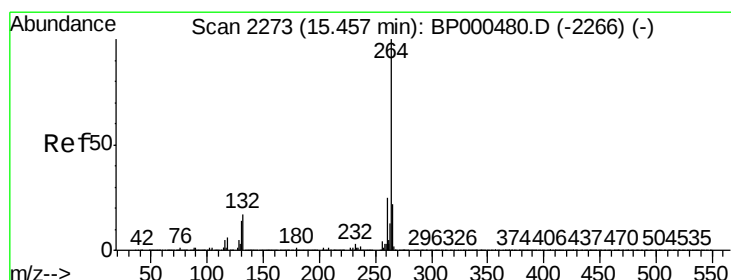
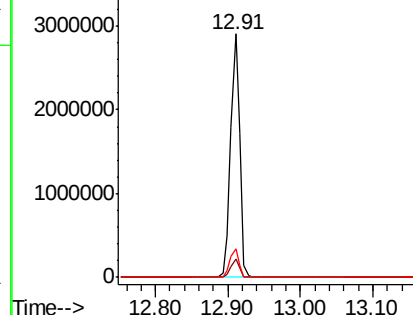
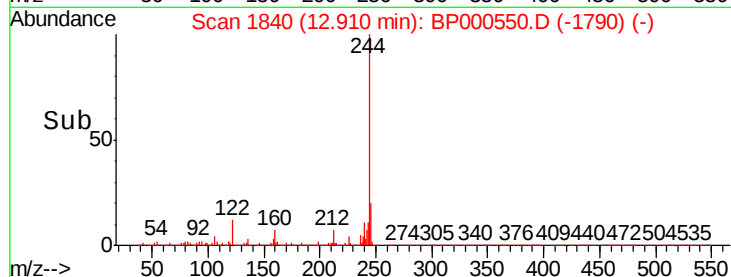


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BP000550.D

Acq: 07 Oct 2019 18:07

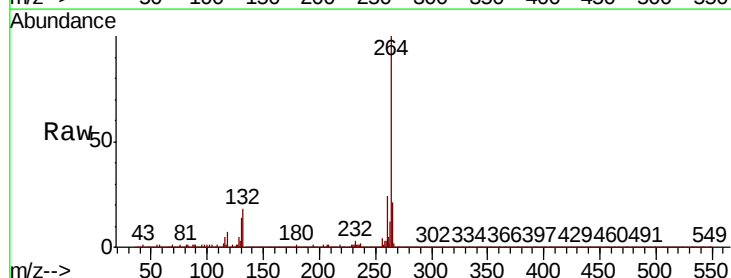
Tgt Ion:264 Resp: 973255

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 21.4 18.0 27.0



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

