

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101420\
 Data File : BP003617.D
 Acq On : 14 Oct 2020 20:40
 Operator : CG/JU
 Sample : L4331-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SHELL-L15-L14

Quant Time: Oct 15 01:03:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:03:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

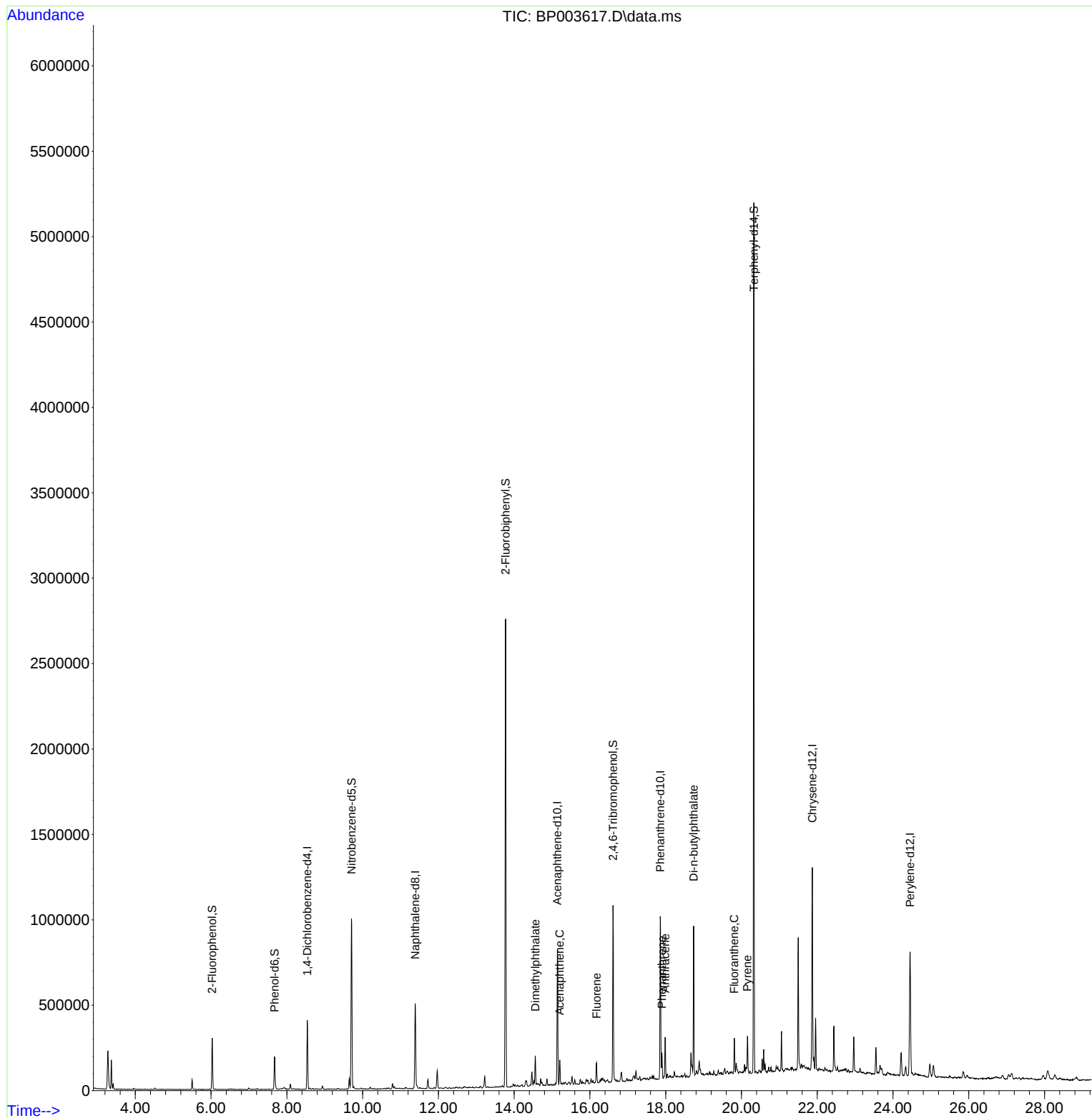
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	105323	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	395117	20.00	ng	# 0.00
39) Acenaphthene-d10	15.140	164	264359	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	571042	20.00	ng	0.00
76) Chrysene-d12	21.869	240	594295	20.00	ng	#-0.01
86) Perylene-d12	24.451	264	620032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	121529	19.84	ng	0.00
7) Phenol-d6	7.675	99	102712	11.51	ng	0.00
23) Nitrobenzene-d5	9.705	82	582820	68.39	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	205572	58.33	ng	0.00
45) 2-Fluorobiphenyl	13.775	172	1416994	70.32	ng	0.00
79) Terphenyl-d14	20.328	244	2166933	65.97	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.557	163	107167	4.94	ng	99
52) Acenaphthene	15.204	154	49736	3.08	ng	96
58) Fluorene	16.175	166	48089	2.37	ng	95
71) Phenanthrene	17.898	178	84054	2.65	ng	99
72) Anthracene	17.986	178	140194	4.53	ng	98
74) Di-n-butylphthalate	18.739	149	541668	15.91	ng	# 98
75) Fluoranthene	19.810	202	123819	3.15	ng	98
78) Pyrene	20.157	202	129051	3.27	ng	99

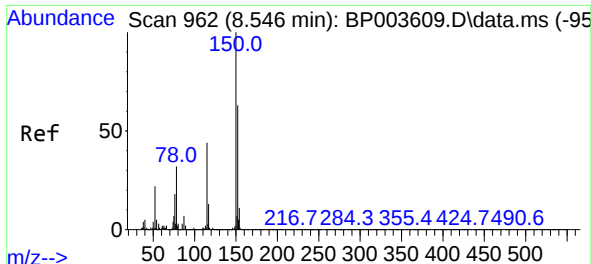
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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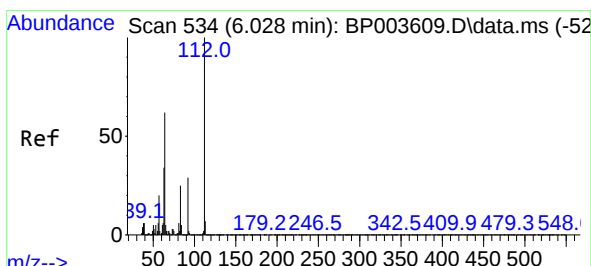
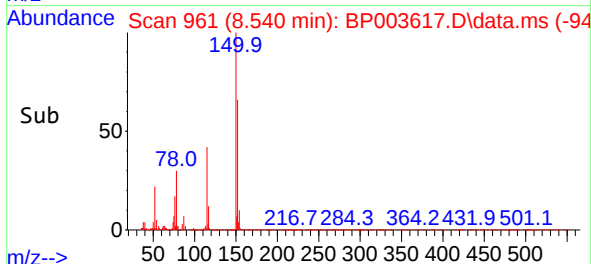
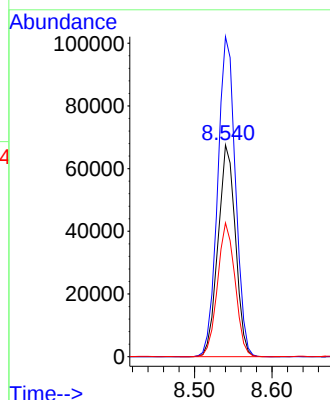
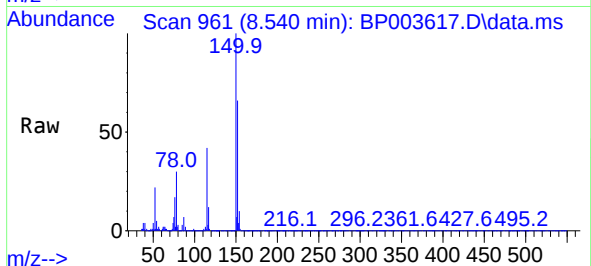




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

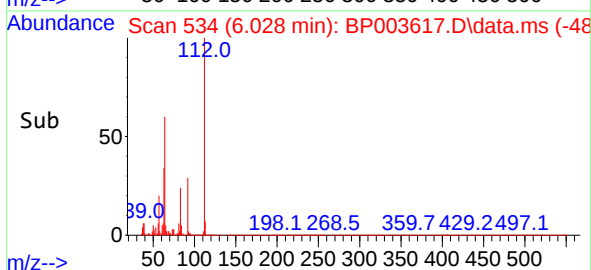
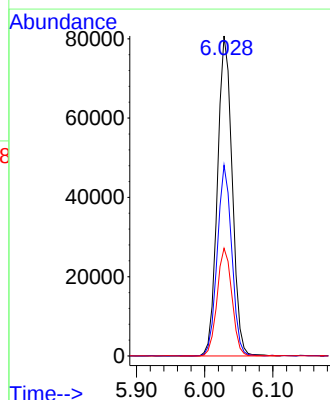
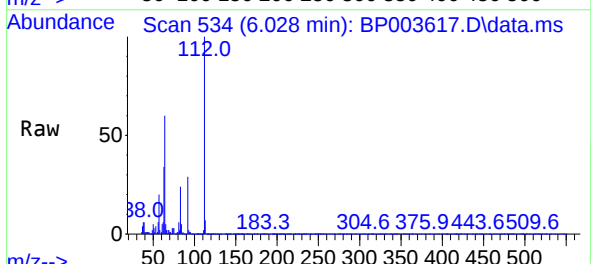
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

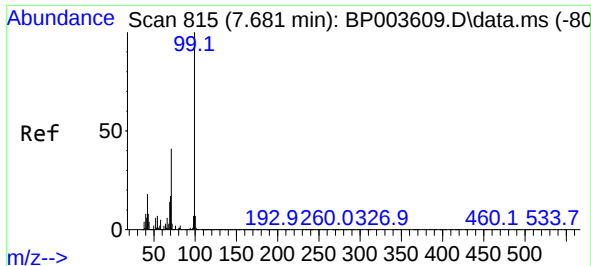
Tgt Ion:152 Resp: 105323
Ion Ratio Lower Upper
152 100
150 151.1 123.8 185.6
115 63.1 43.8 65.6



#5
2-Fluorophenol
Concen: 19.84 ng
RT: 6.028 min Scan# 534
Delta R.T. 0.000 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:112 Resp: 121529
Ion Ratio Lower Upper
112 100
64 59.6 32.8 49.2#
63 33.7 17.0 25.4#

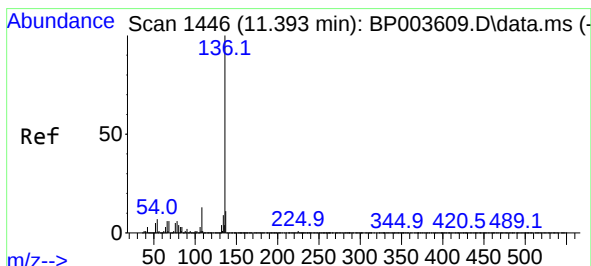
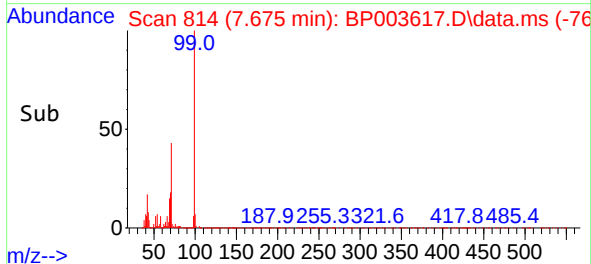
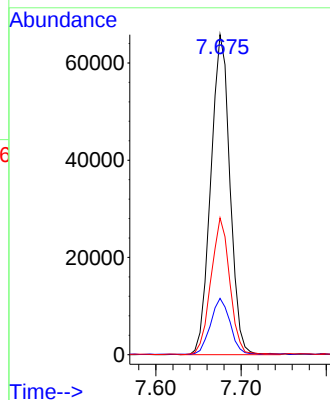
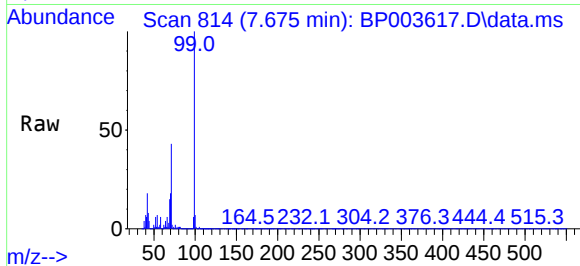




#7
Phenol-d6
Concen: 11.51 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

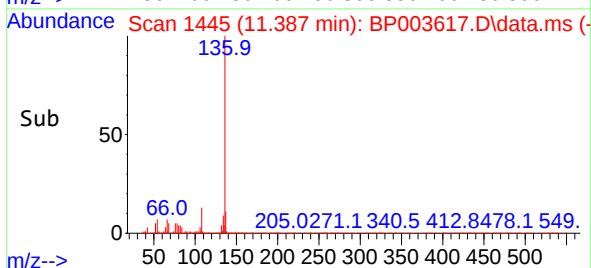
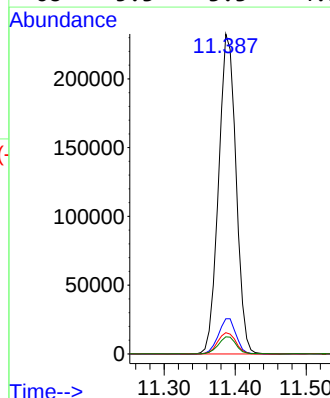
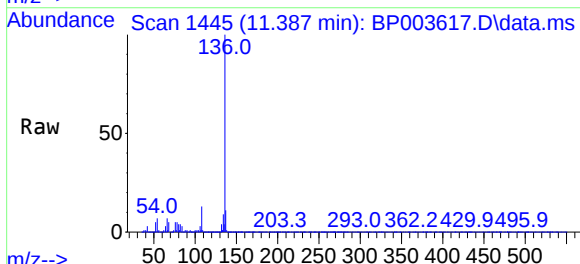
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

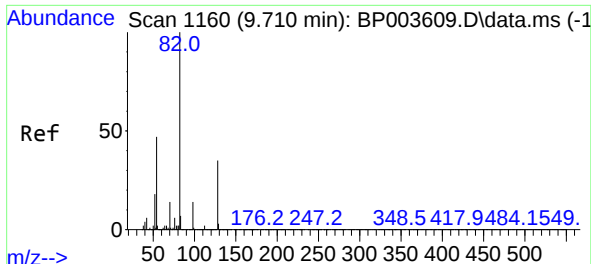
Tgt Ion: 99 Resp: 102712
Ion Ratio Lower Upper
99 100
42 17.6 8.6 13.0#
71 42.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion: 136 Resp: 395117
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.7 3.6 5.4#
68 5.3 3.3 4.9#

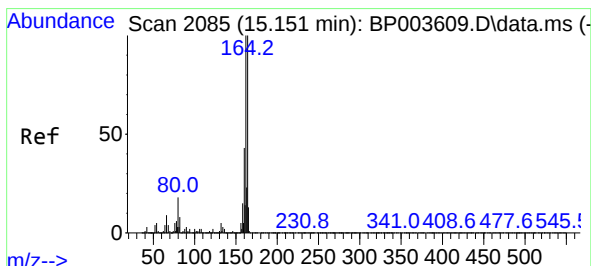
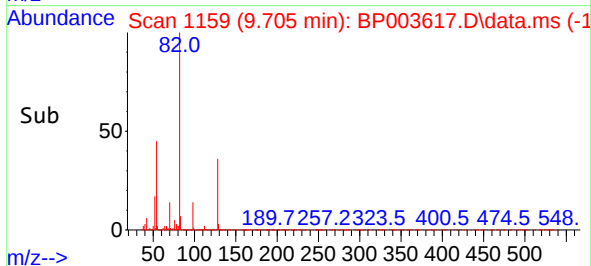
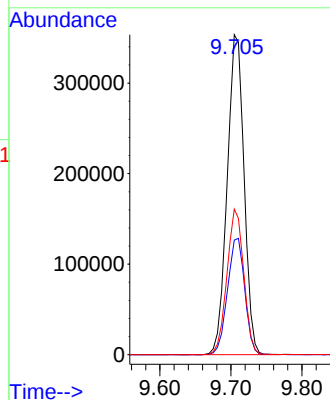
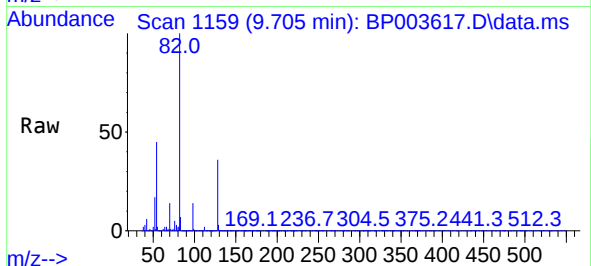




#23
Nitrobenzene-d5
Concen: 68.39 ng
RT: 9.705 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

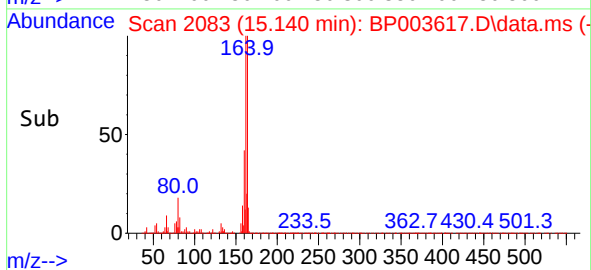
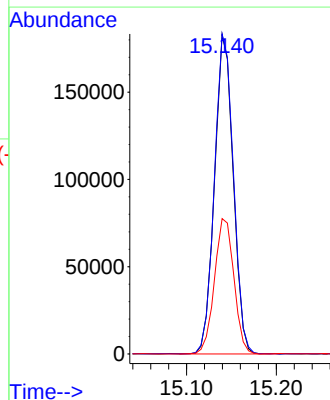
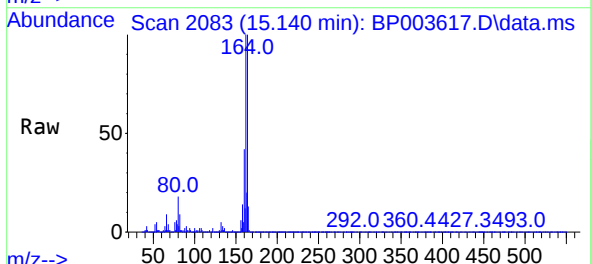
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

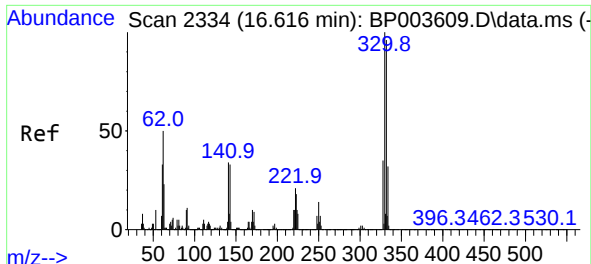
Tgt Ion: 82 Resp: 582820
Ion Ratio Lower Upper
82 100
128 35.8 45.6 68.4#
54 45.5 30.1 45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.140 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion: 164 Resp: 264359
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 42.4 36.1 54.1

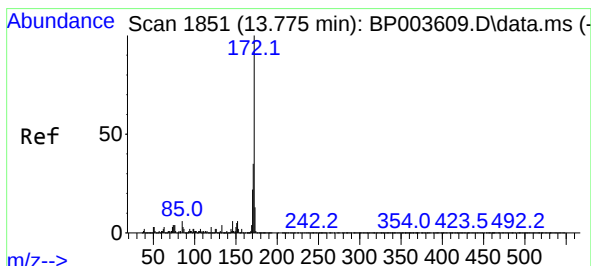
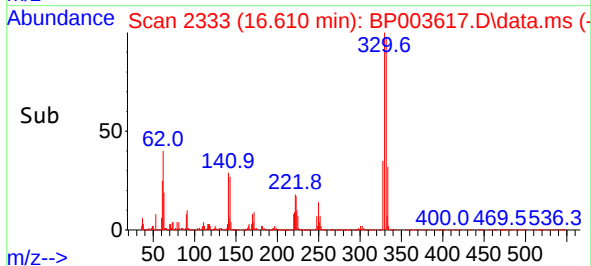
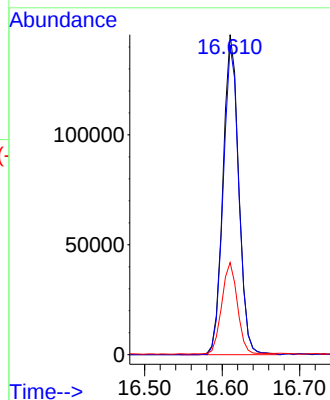
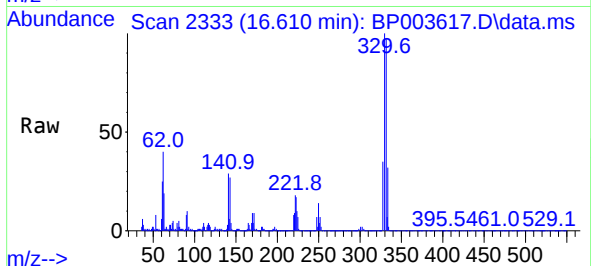




#42
2,4,6-Tribromophenol
Concen: 58.33 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

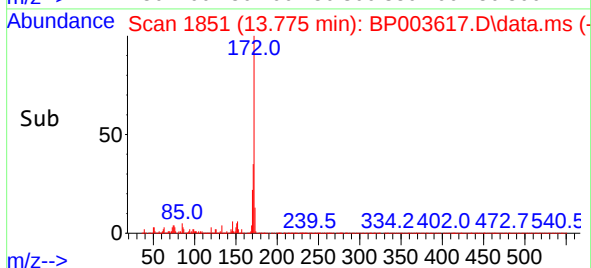
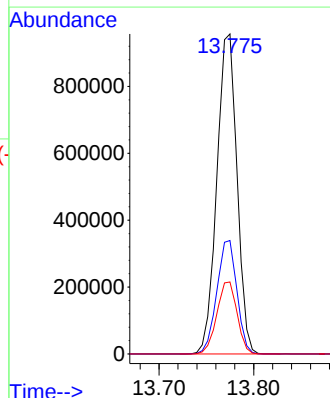
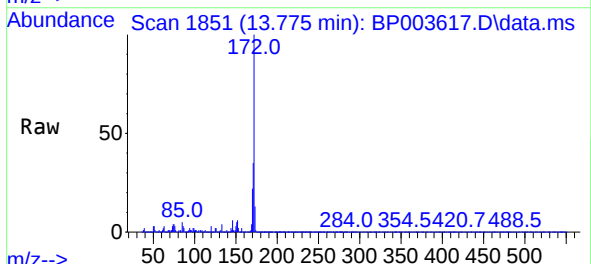
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

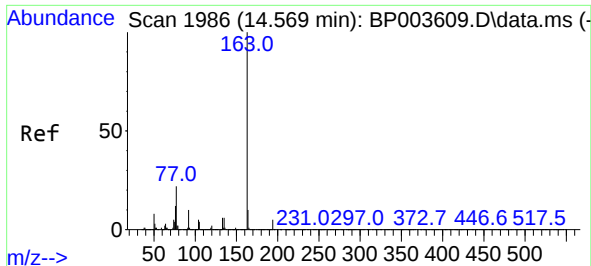
Tgt Ion:330 Resp: 205572
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 70.32 ng
RT: 13.775 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:172 Resp: 1416994
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.5 19.2 28.8

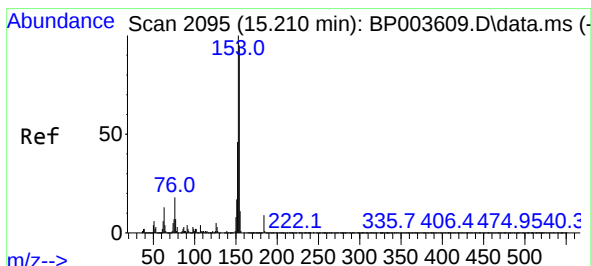
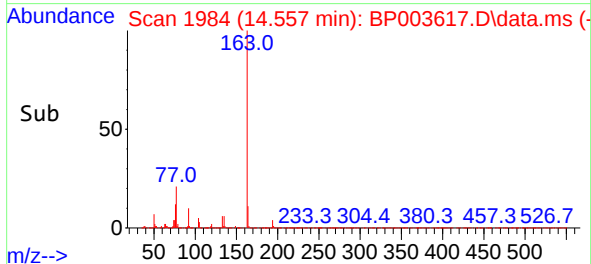
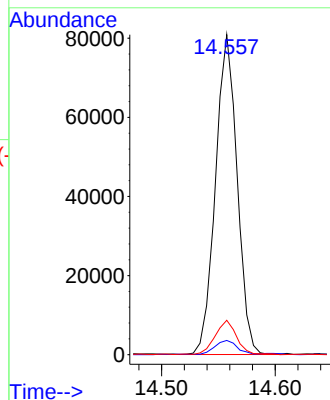
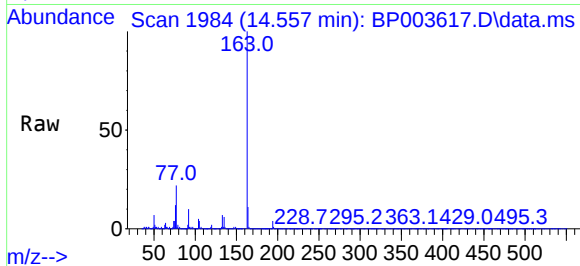




#50
Dimethylphthalate
Concen: 4.94 ng
RT: 14.557 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

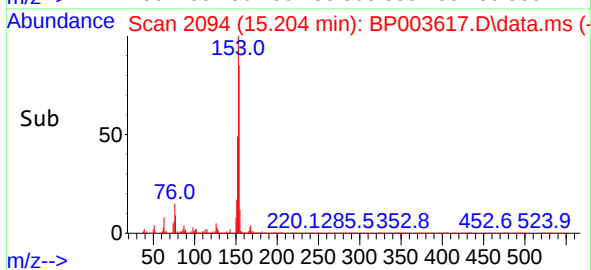
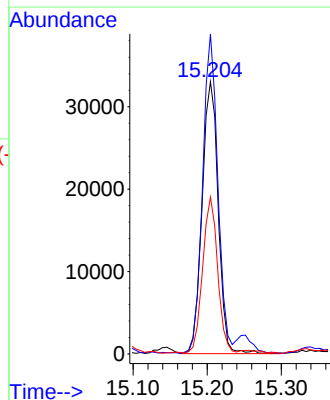
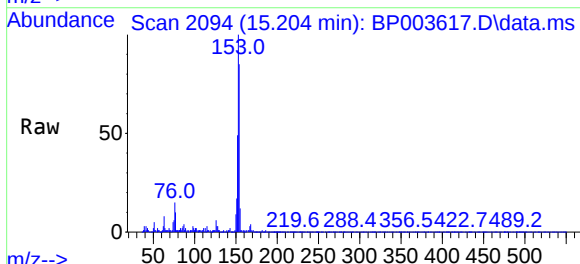
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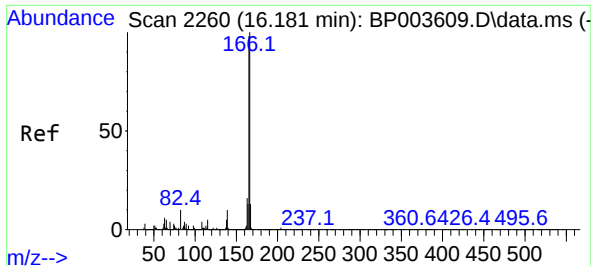
Tgt Ion:163 Resp: 107167
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.8 8.2 12.2



#52
Acenaphthene
Concen: 3.08 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:154 Resp: 49736
Ion Ratio Lower Upper
154 100
153 117.5 91.0 136.6
152 57.6 43.0 64.6

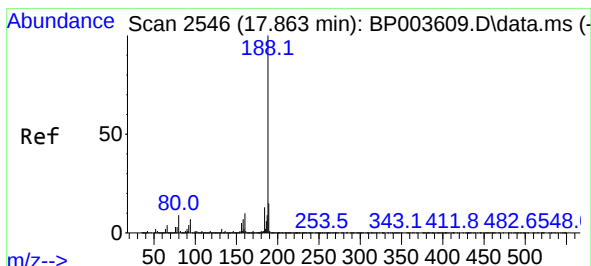
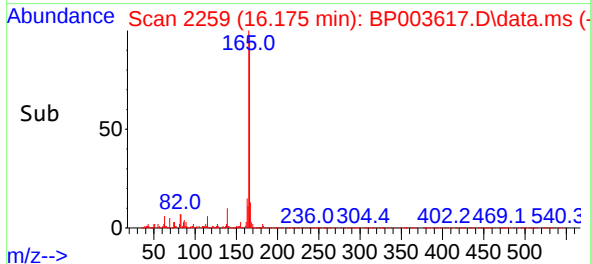
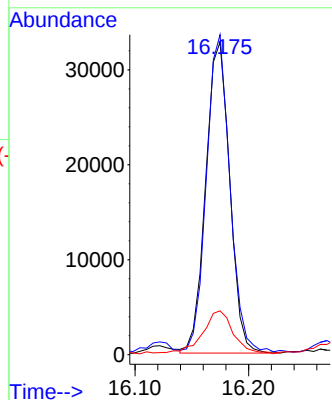
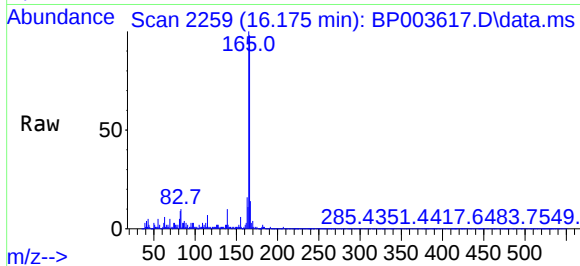




#58
Fluorene
Concen: 2.37 ng
RT: 16.175 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

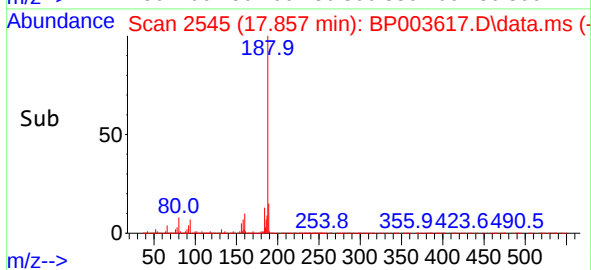
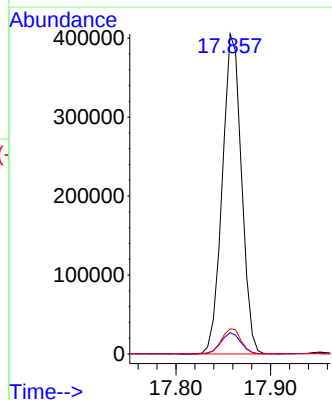
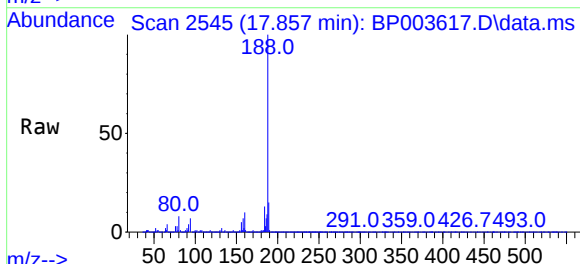
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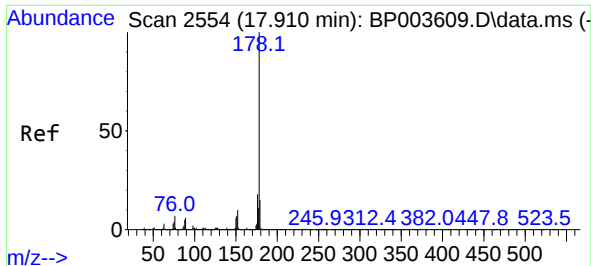
Tgt Ion:	166	Resp:	48089
Ion Ratio	Lower	Upper	
166	100		
165	102.4	77.8	116.8
167	14.0	11.0	16.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:	188	Resp:	571042
Ion Ratio	Lower	Upper	
188	100		
94	6.7	6.2	9.2
80	7.9	6.2	9.2

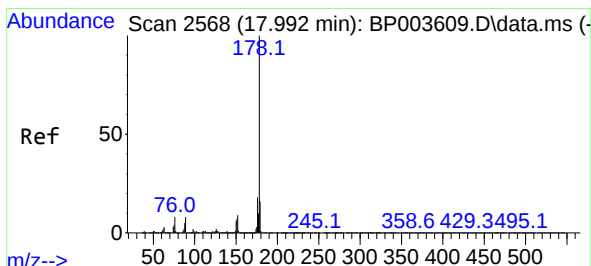
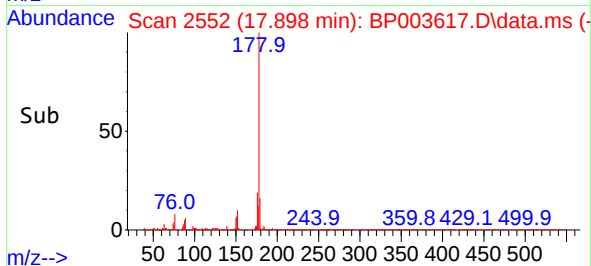
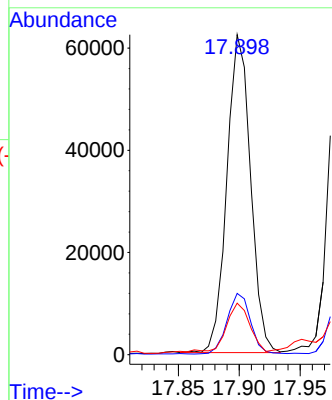
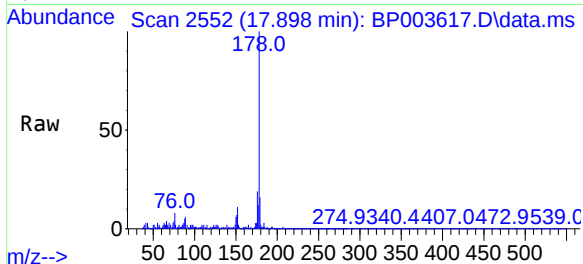




#71
Phenanthrene
Concen: 2.65 ng
RT: 17.898 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

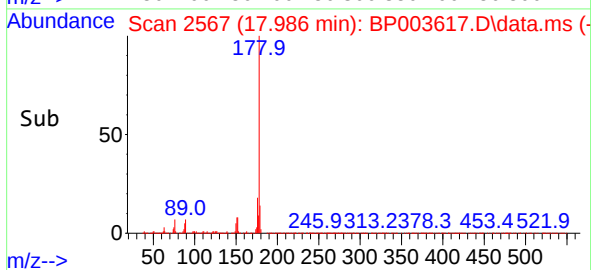
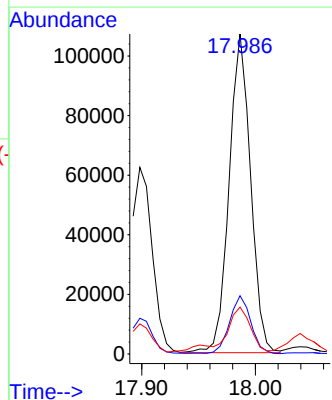
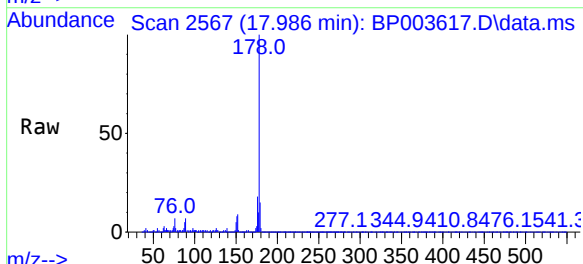
Instrument :
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SHELL-L15-L14

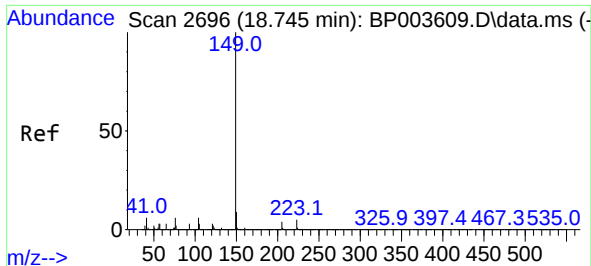
Tgt Ion:178 Resp: 84054
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.1 12.5 18.7



#72
Anthracene
Concen: 4.53 ng
RT: 17.986 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:178 Resp: 140194
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 14.6 12.5 18.7

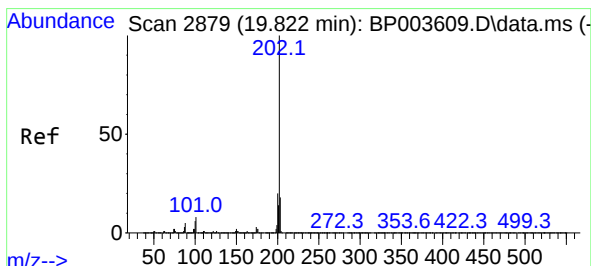
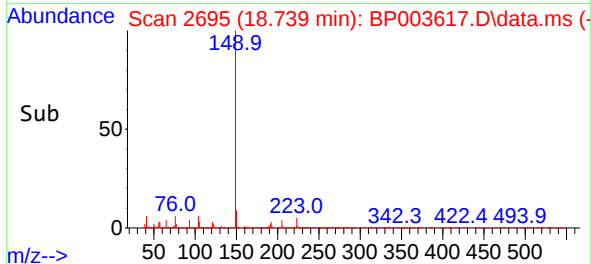
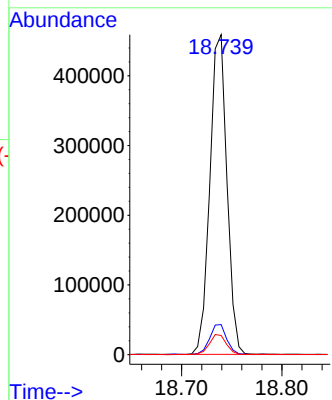
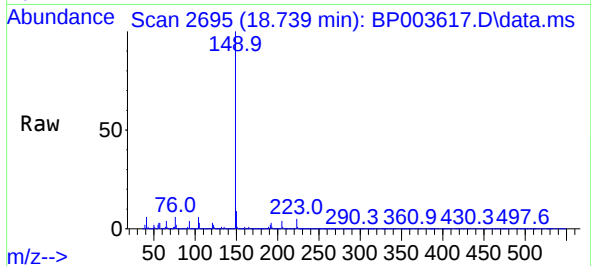




#74
Di-n-butylphthalate
Concen: 15.91 ng
RT: 18.739 min Scan# 2695
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

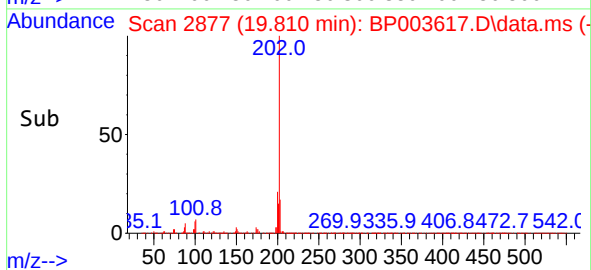
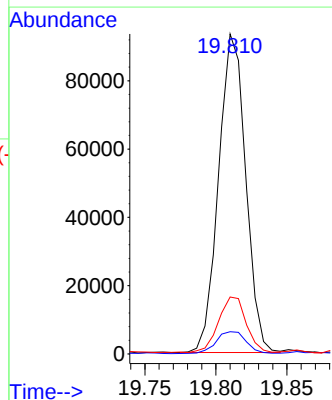
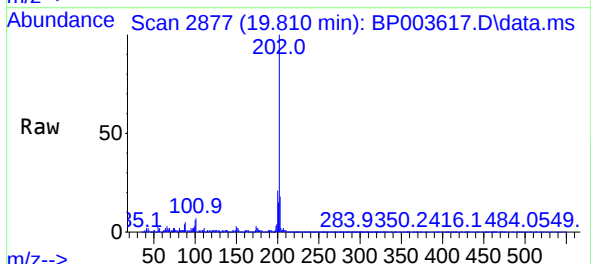
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

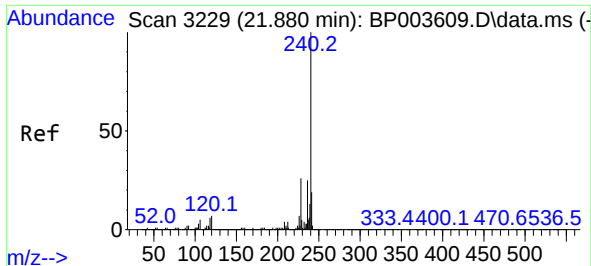
Tgt Ion:149	Resp:	541668
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.3 10.9
104	6.0	3.4 5.0#



#75
Fluoranthene
Concen: 3.15 ng
RT: 19.810 min Scan# 2877
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:202	Resp:	123819
Ion Ratio	Lower	Upper
202	100	
101	7.0	0.0 29.4
203	17.8	0.0 37.8

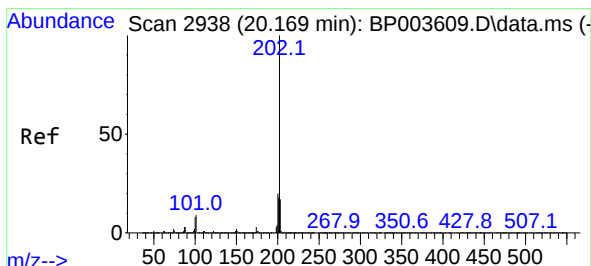
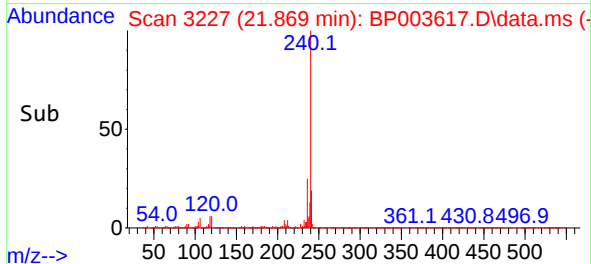
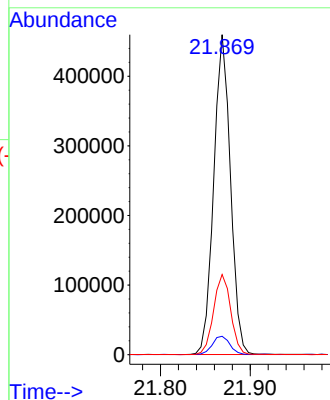
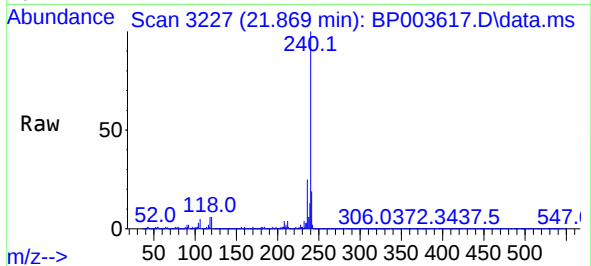




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.869 min Scan# 3227
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

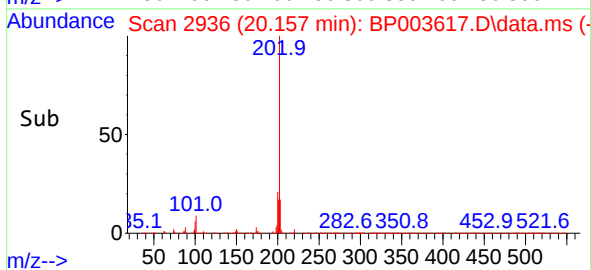
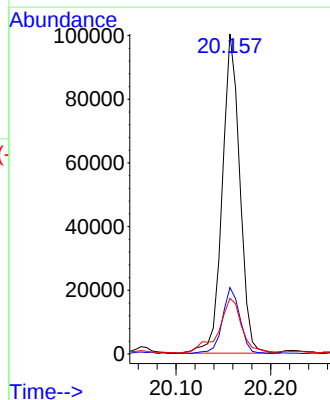
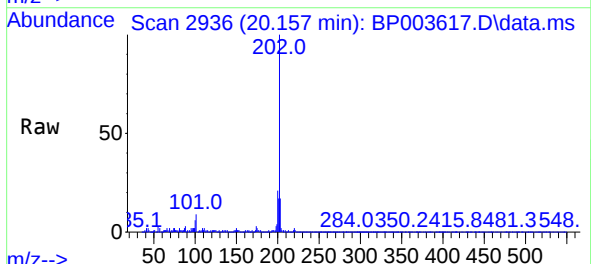
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

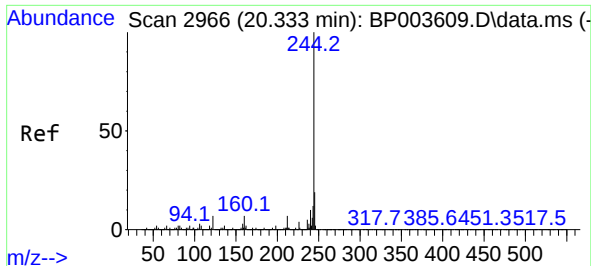
Tgt Ion:240 Resp: 594295
Ion Ratio Lower Upper
240 100
120 5.8 7.8 11.6#
236 25.0 20.8 31.2



#78
Pyrene
Concen: 3.27 ng
RT: 20.157 min Scan# 2936
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:202 Resp: 129051
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.4 14.2 21.2

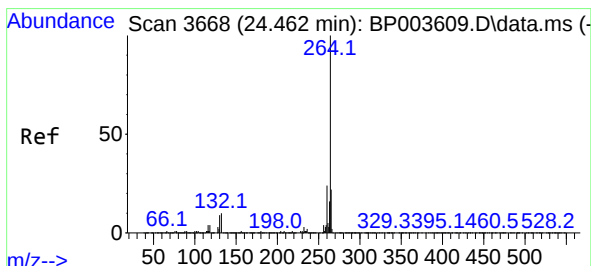
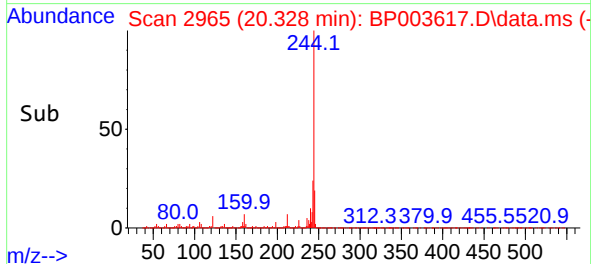
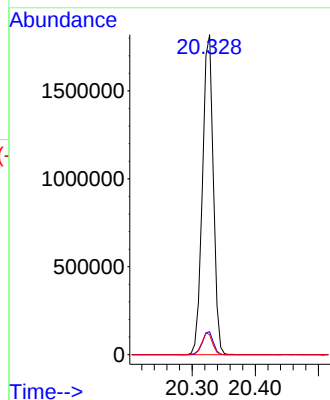
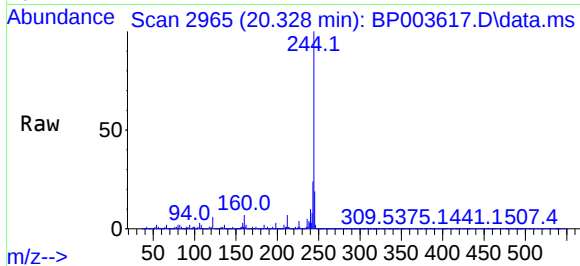




#79
Terphenyl-d14
Concen: 65.97 ng
RT: 20.328 min Scan# 2965
Delta R.T. -0.006 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14

Tgt Ion:244 Resp: 2166933
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 6.3 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.451 min Scan# 3666
Delta R.T. -0.012 min
Lab File: BP003617.D
Acq: 14 Oct 2020 20:40

Tgt Ion:264 Resp: 620032
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.6 17.4 26.2

