

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006142.D
 Acq On : 08 Jul 2021 16:27
 Operator : CG/JU
 Sample : M2963-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-2B-COMP

Quant Time: Jul 08 16:54:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

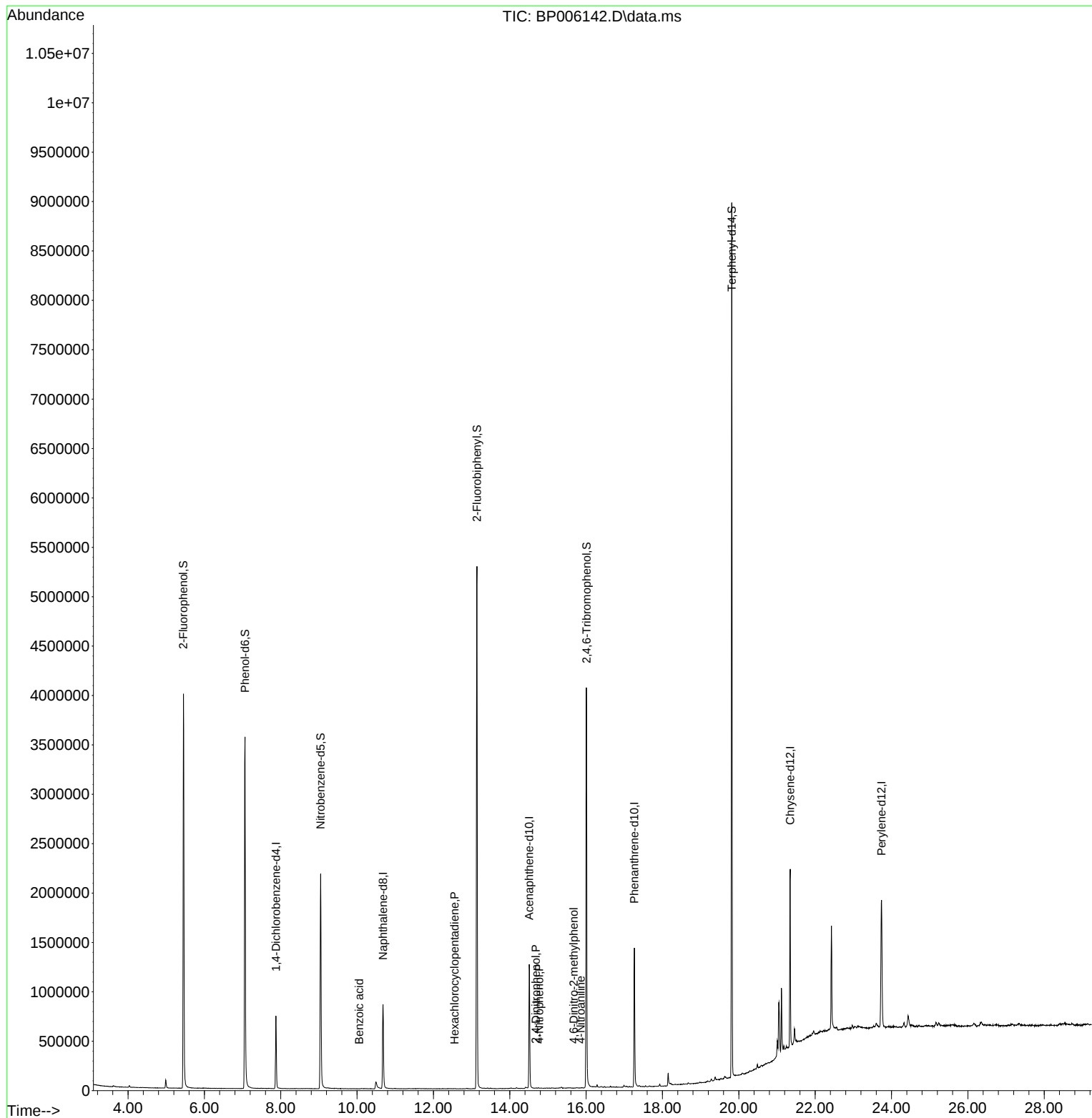
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	216759	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	823921	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	457942	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	871200	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	827746	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	955159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1951699	154.927	ng	0.00
7) Phenol-d6	7.063	99	2302555	138.182	ng	0.00
23) Nitrobenzene-d5	9.046	82	1314353	100.764	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	802395	147.172	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	2814376	90.855	ng	0.00
79) Terphenyl-d14	19.816	244	3669690	87.409	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	22	6.905	ng	# 1
41) Hexachlorocyclopentadiene	12.551	237	13	8.705	ng	89
54) 2,4-Dinitrophenol	14.687	184	12	8.882	ng	# 1
56) 4-Nitrophenol	14.769	139	19	7.128	ng	# 1
62) 4-Nitroaniline	15.857	138	41	2.964	ng	81
65) 4,6-Dinitro-2-methylph...	15.675	198	23	4.423	ng	# 1

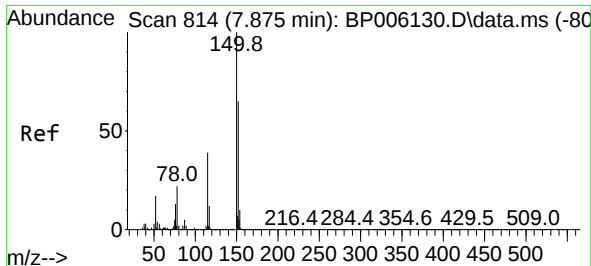
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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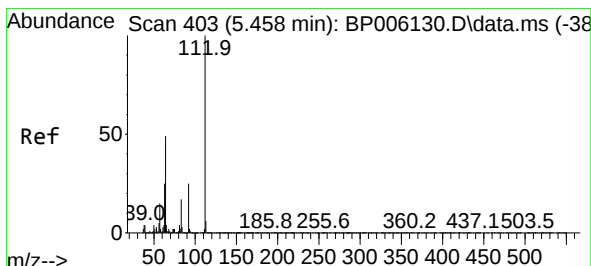
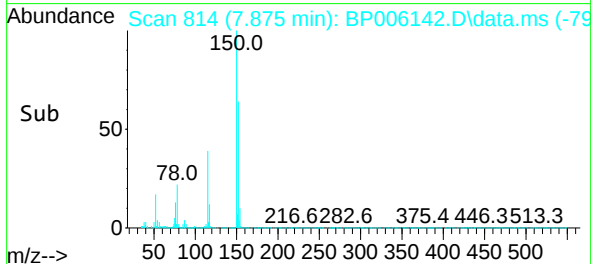
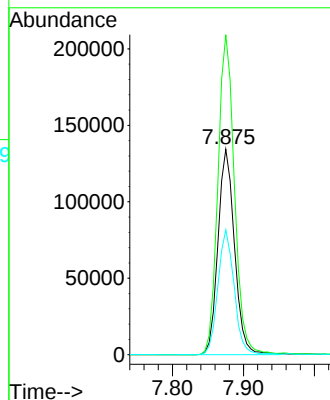
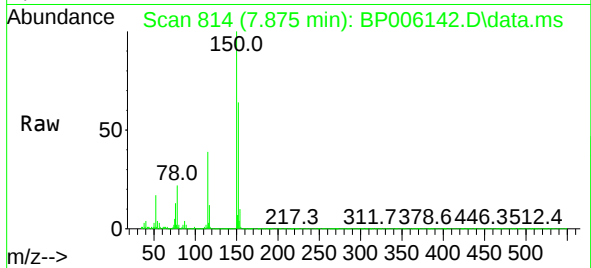




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

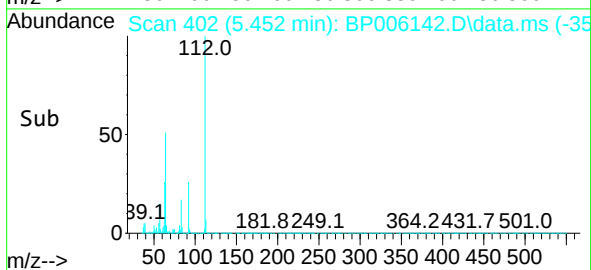
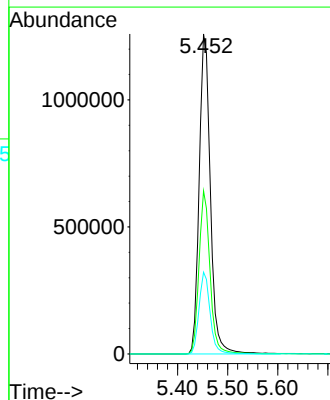
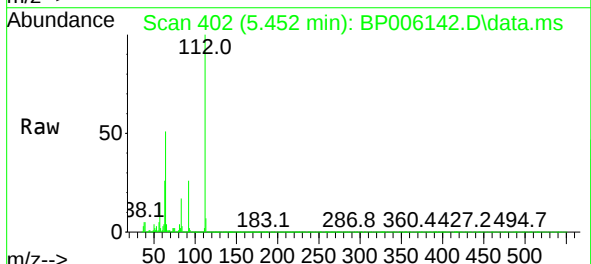
Instrument :
BNA_P
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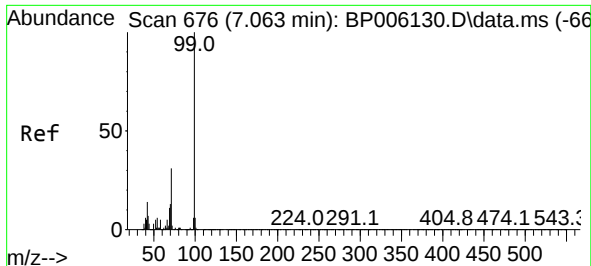
Tgt Ion:152 Resp: 216759
Ion Ratio Lower Upper
152 100
150 155.7 125.6 188.4
115 60.8 48.5 72.7



#5
2-Fluorophenol
Concen: 154.927 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:112 Resp: 1951699
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 25.5 23.8 35.8

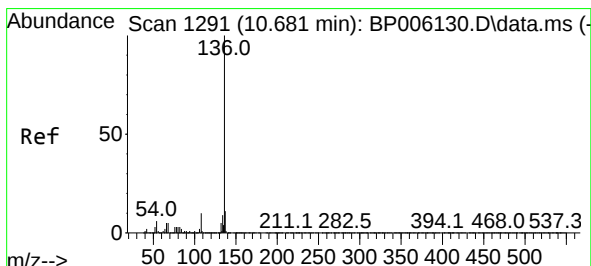
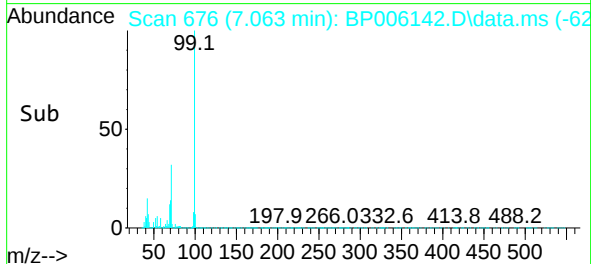
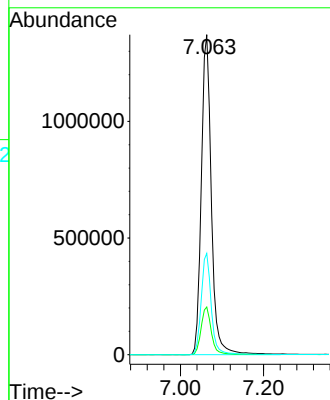
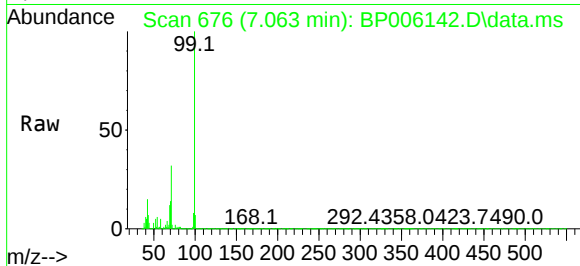




#7
Phenol-d6
Concen: 138.182 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

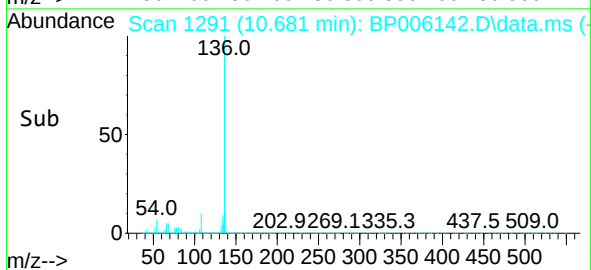
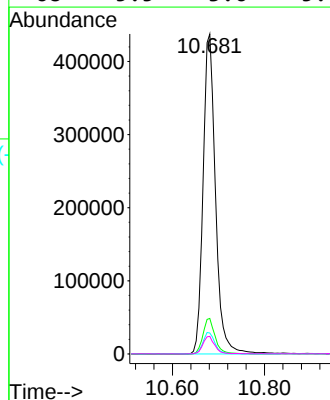
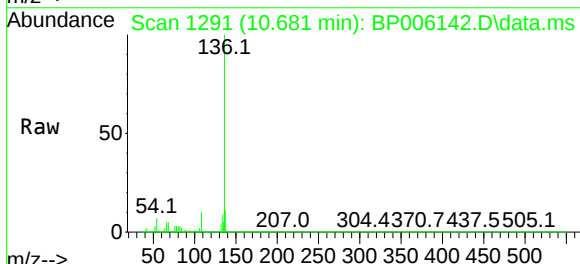
Instrument :
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ClientSampleId :
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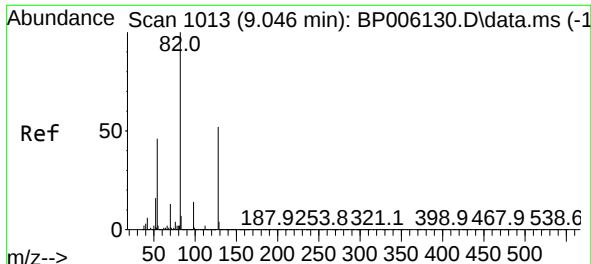
Tgt Ion: 99 Resp: 2302555
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 31.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion: 136 Resp: 823921
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.6 4.6 6.8
68 5.5 3.6 5.4#

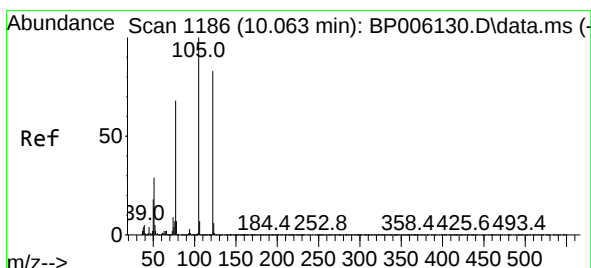
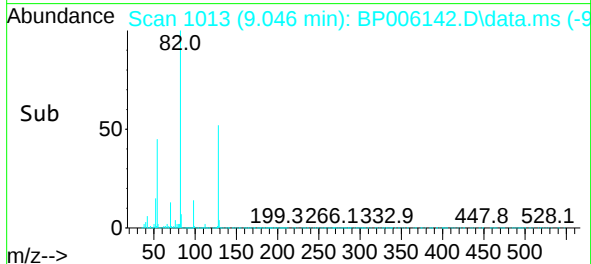
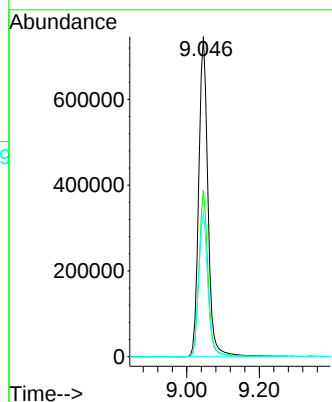
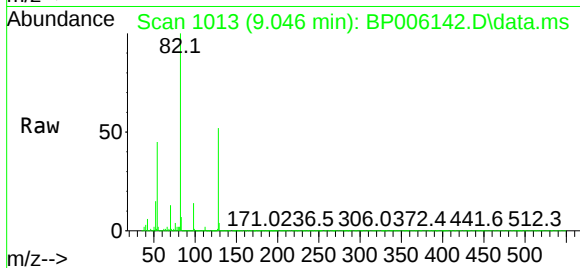




#23
Nitrobenzene-d5
Concen: 100.764 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

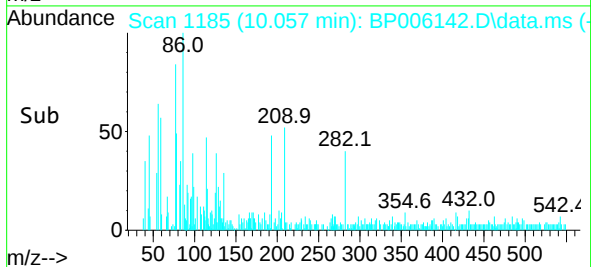
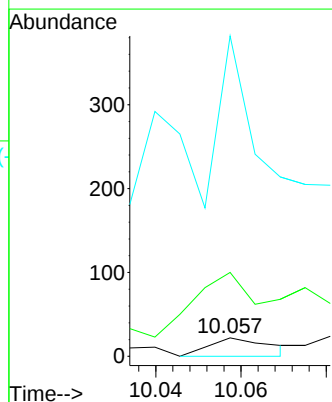
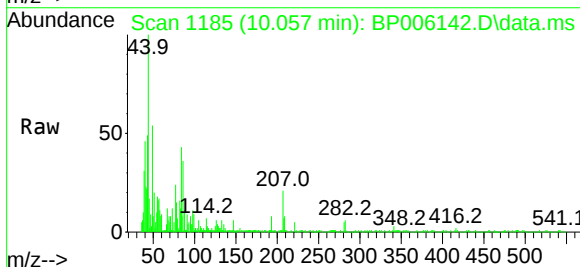
Instrument :
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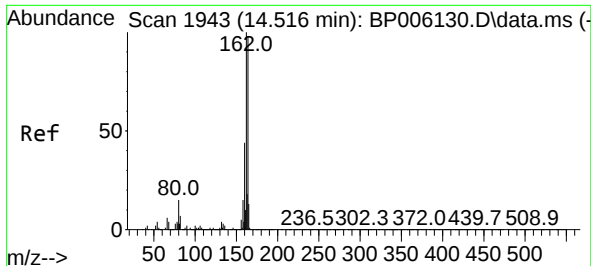
Tgt Ion: 82 Resp: 1314353
Ion Ratio Lower Upper
82 100
128 52.1 35.7 53.5
54 45.1 35.0 52.4



#32
Benzoic acid
Concen: 6.905 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:122 Resp: 22
Ion Ratio Lower Upper
122 100
105 531.8 103.2 143.2#
77 1736.4 76.2 116.2#

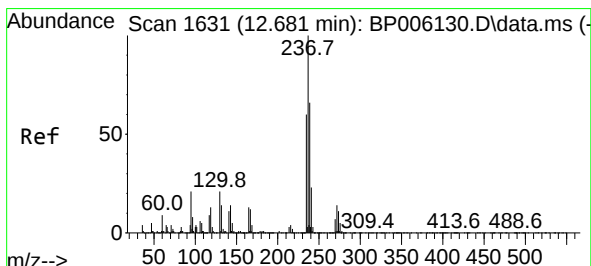
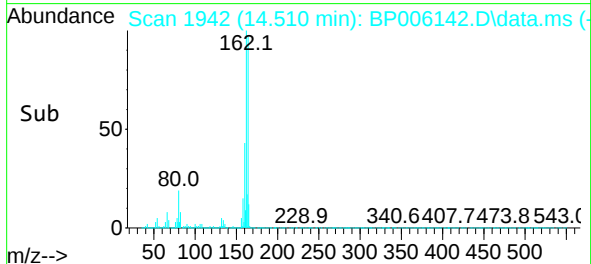
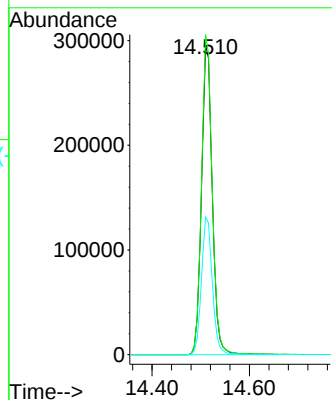
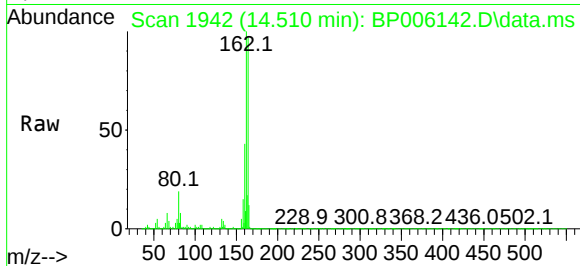




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

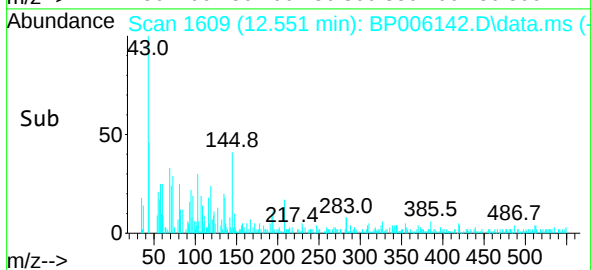
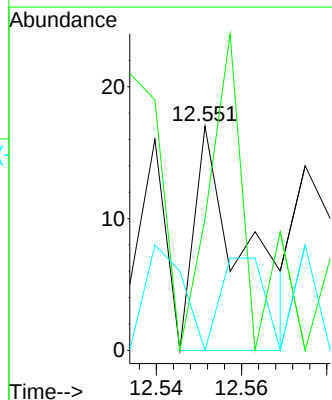
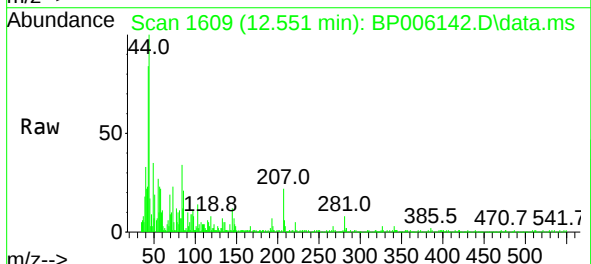
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ClientSampleId :
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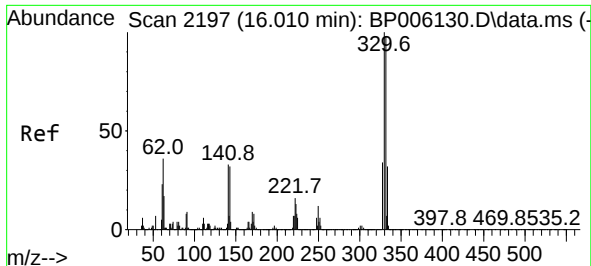
Tgt Ion:164 Resp: 457942
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 44.5 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.705 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.130 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 58.8 44.5 84.5
272 0.0 0.0 32.5

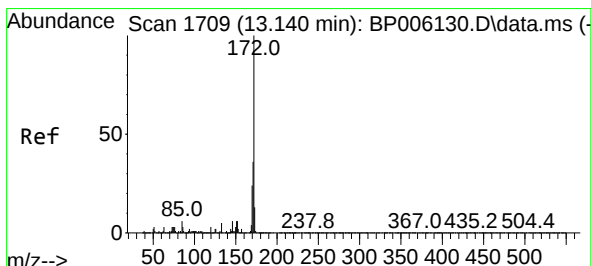
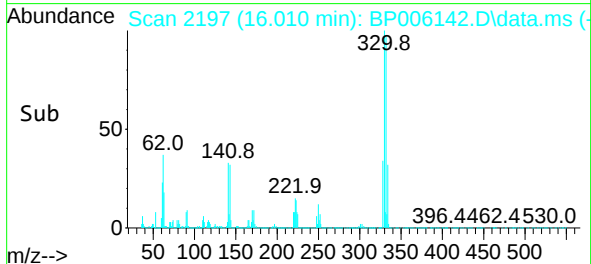
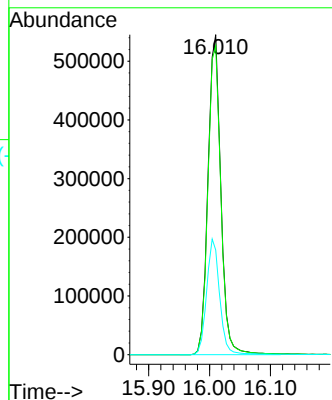
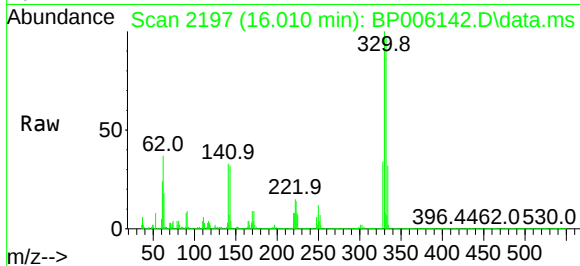




#42
2,4,6-Tribromophenol
Concen: 147.172 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

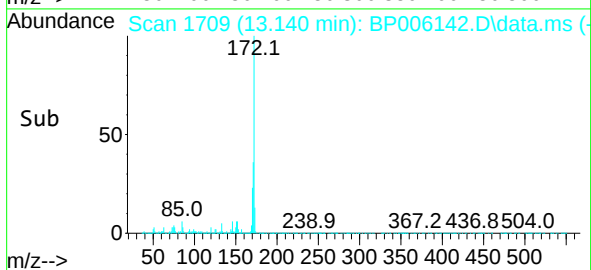
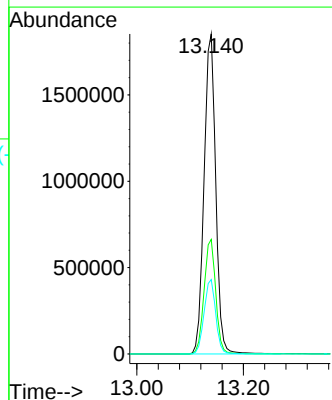
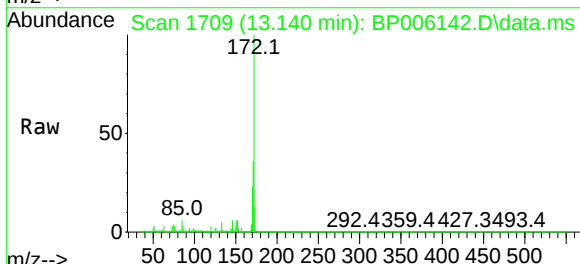
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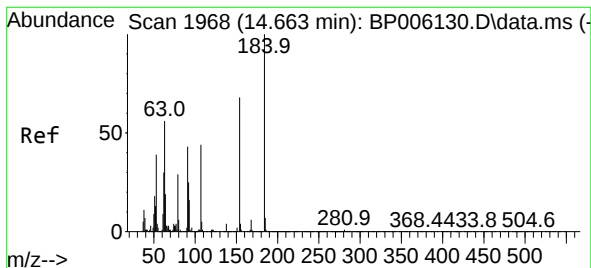
Tgt Ion:330 Resp: 802395
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 36.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 90.855 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:172 Resp: 2814376
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.2 18.6 27.8

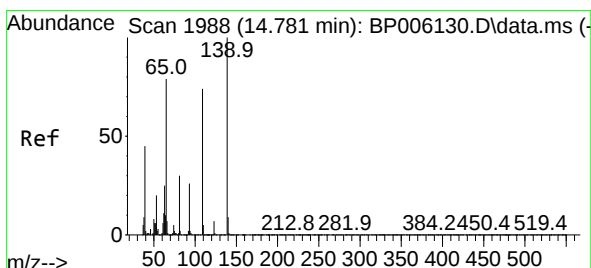
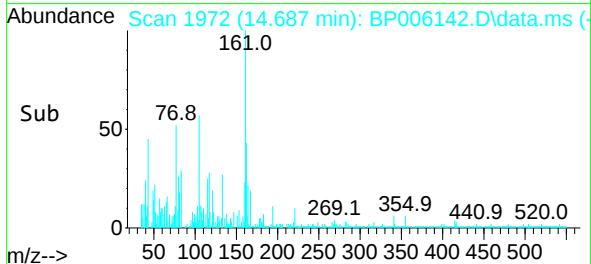
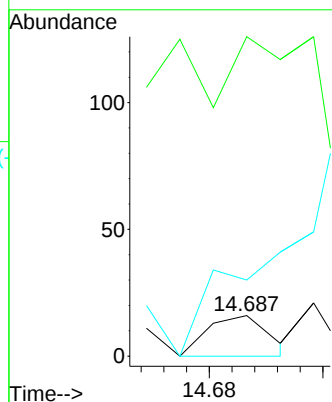
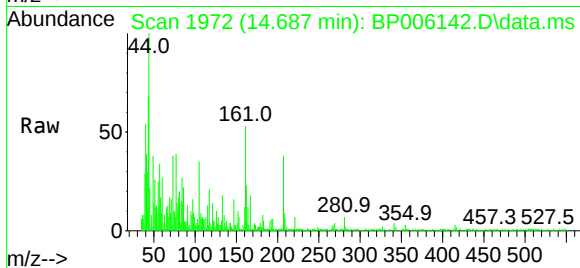




#54
2,4-Dinitrophenol
Concen: 8.882 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.024 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

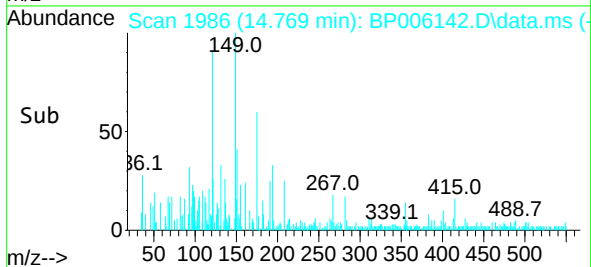
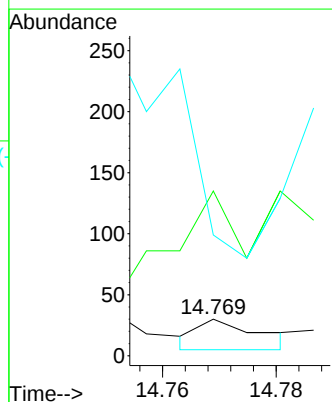
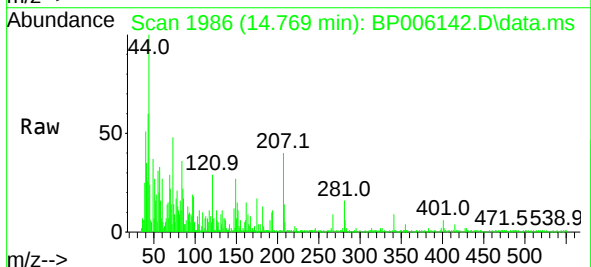
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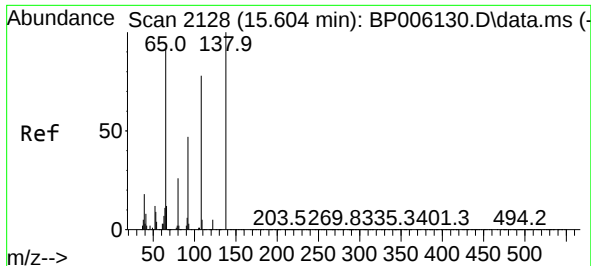
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 787.5 47.0 70.6#
154 187.5 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.128 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 450.0 72.3 112.3#
65 330.0 72.5 112.5#

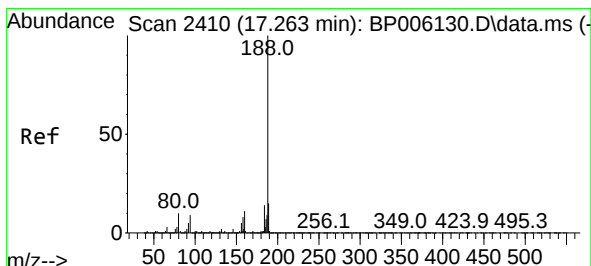
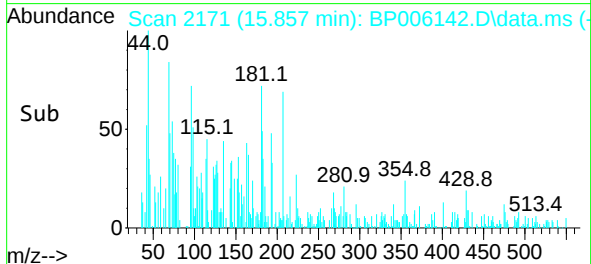
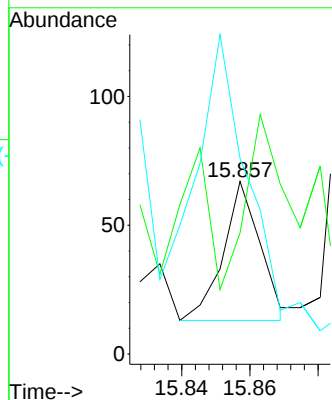
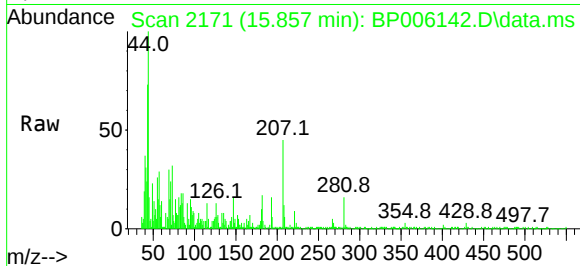




#62
4-Nitroaniline
Concen: 2.964 ng
RT: 15.857 min Scan# 2171
Delta R.T. 0.253 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

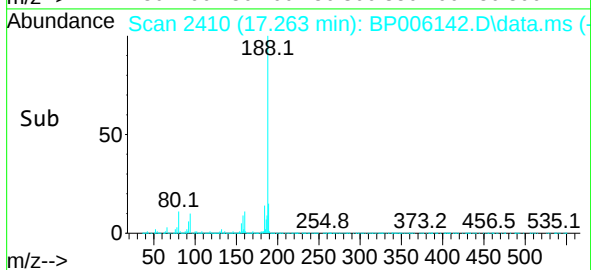
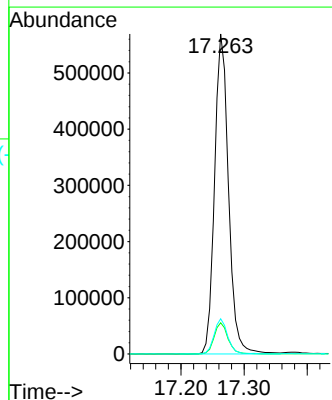
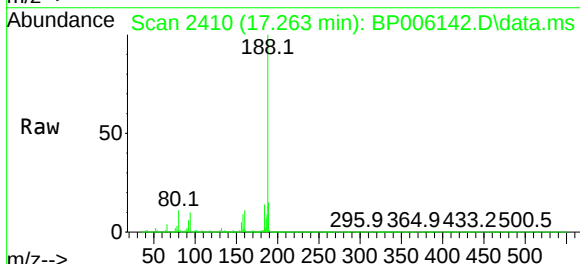
Instrument :
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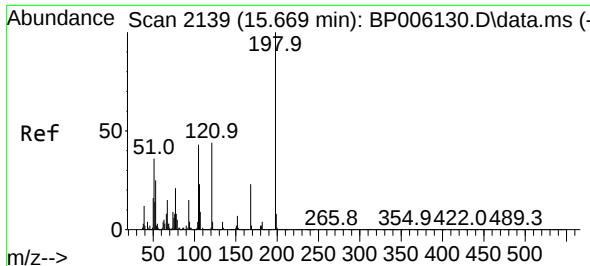
Tgt Ion:138 Resp: 41
Ion Ratio Lower Upper
138 100
92 70.1 31.2 71.2
108 113.4 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:188 Resp: 871200
Ion Ratio Lower Upper
188 100
94 9.8 5.6 8.4#
80 11.0 6.3 9.5#

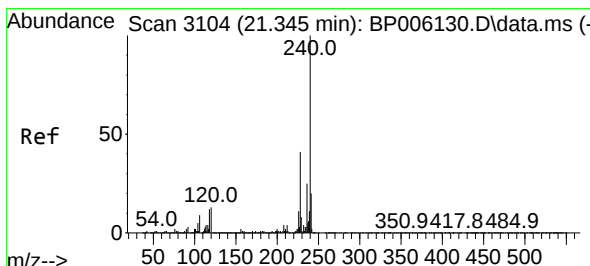
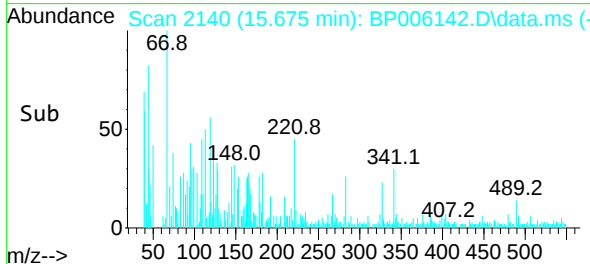
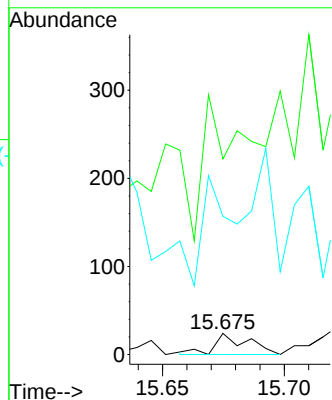
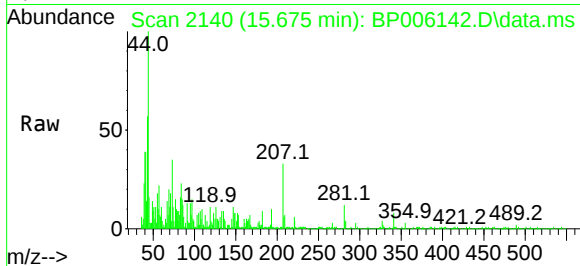




#65
4,6-Dinitro-2-methylphenol
Concen: 4.423 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

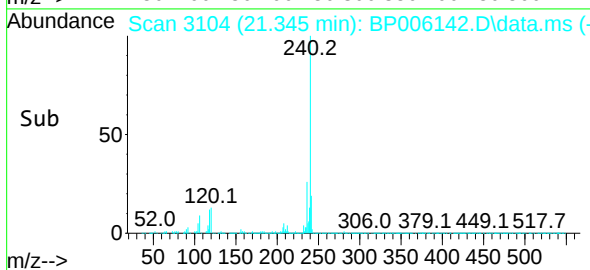
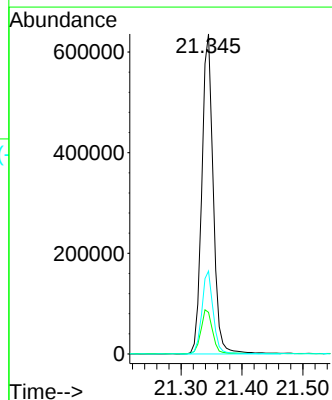
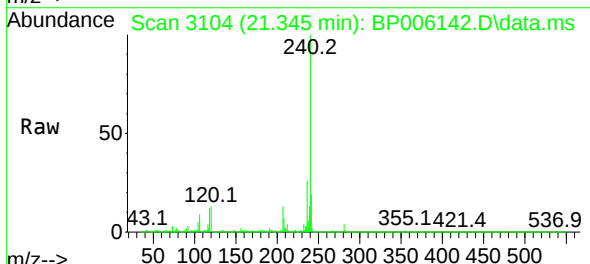
Instrument :
BNA_P
ClientSampleId :
MH-2B-COMP

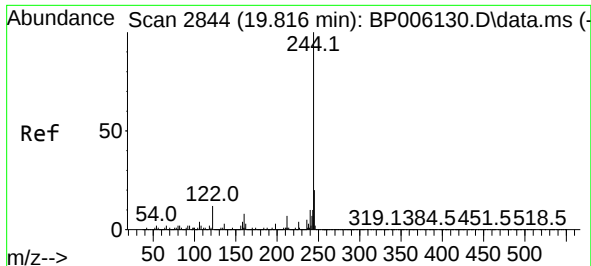
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 925.0 14.0 54.0#
105 654.2 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:240 Resp: 827746
Ion Ratio Lower Upper
240 100
120 13.0 6.5 9.7#
236 25.9 20.6 31.0

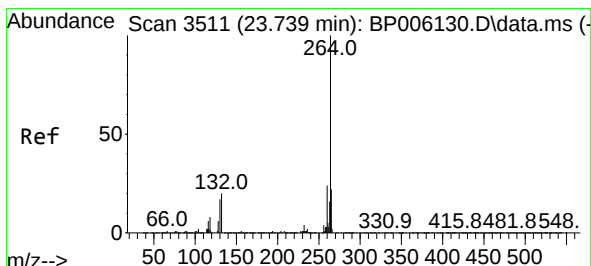
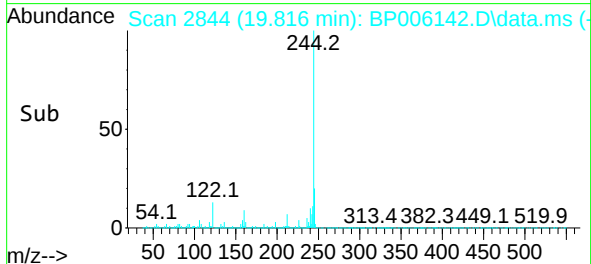
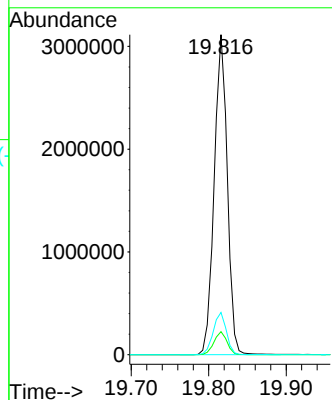
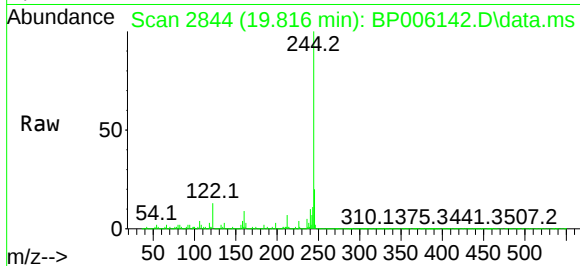




#79
Terphenyl-d14
Concen: 87.409 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Instrument :
BNA_P
ClientSampleId :
MH-2B-COMP

Tgt Ion:244 Resp: 3669690
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.2 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP006142.D
Acq: 08 Jul 2021 16:27

Tgt Ion:264 Resp: 955159
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.5 17.6 26.4

