

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006176.D
 Acq On : 09 Jul 2021 23:48
 Operator : CG/JU
 Sample : M2969-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB07

Quant Time: Jul 10 01:14:43 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)

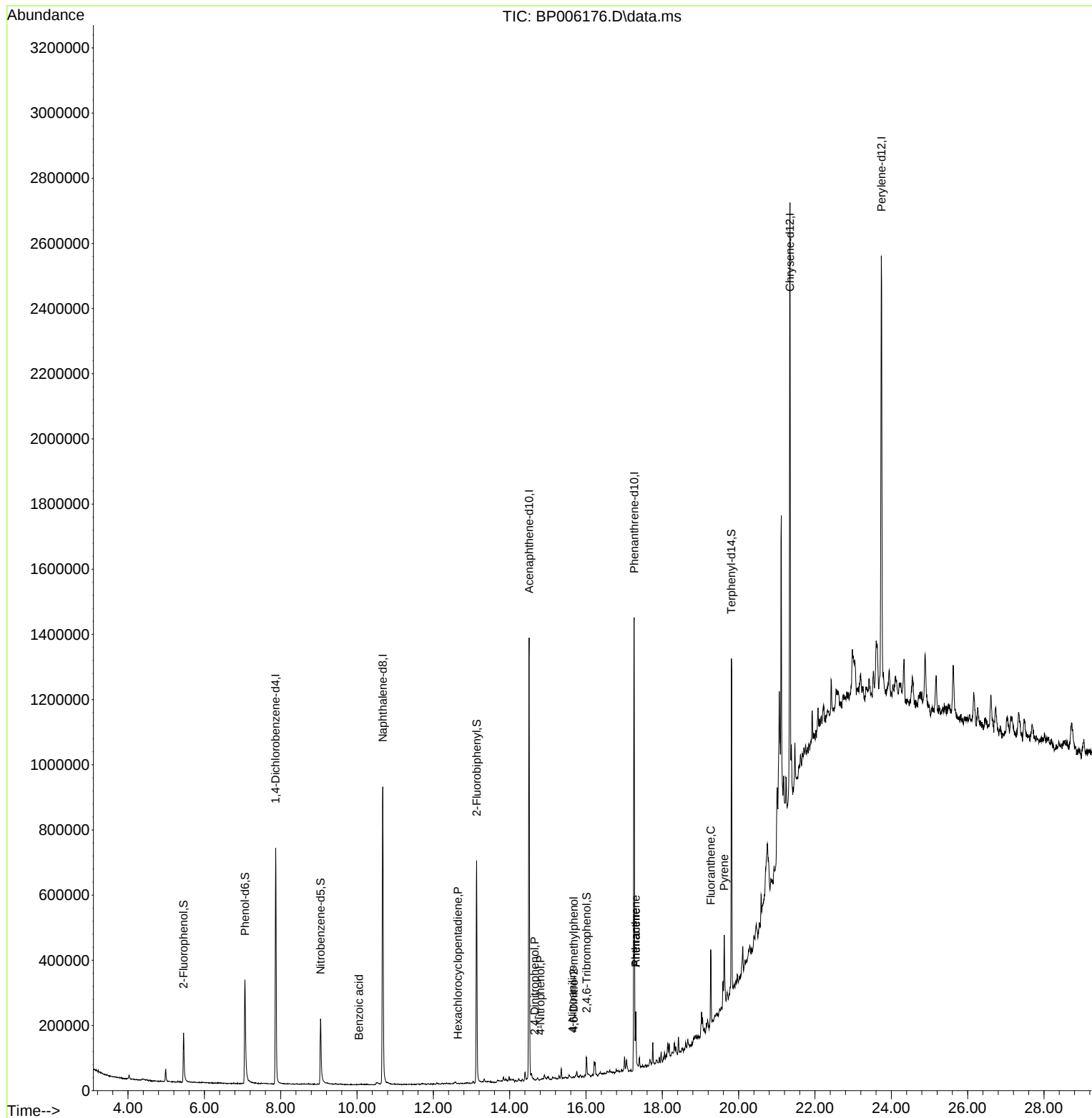
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	220547	20.00	ng	0.00
21) Naphthalene-d8	10.675	136	858463	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	471554	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	856646	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	821734	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	962189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	97899	7.64	ng	0.00
7) Phenol-d6	7.063	99	280007	16.52	ng	0.00
23) Nitrobenzene-d5	9.046	82	154667	11.38	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	12893	2.30	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	371263	11.64	ng	0.00
79) Terphenyl-d14	19.810	244	462955	11.11	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.052	122	24	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.645	237	13	8.70	ng	85
54) 2,4-Dinitrophenol	14.651	184	20	8.88	ng	# 1
56) 4-Nitrophenol	14.804	139	262	7.16	ng	# 34
62) 4-Nitroaniline	15.651	138	59	2.97	ng	89
65) 4,6-Dinitro-2-methylph...	15.681	198	9	4.42	ng	# 1
71) Phenanthrene	17.304	178	97951	2.02	ng	99
72) Anthracene	17.304	178	97951	2.07	ng	99
75) Fluoranthene	19.269	202	128230	2.42	ng	94
78) Pyrene	19.622	202	118842	2.14	ng	98

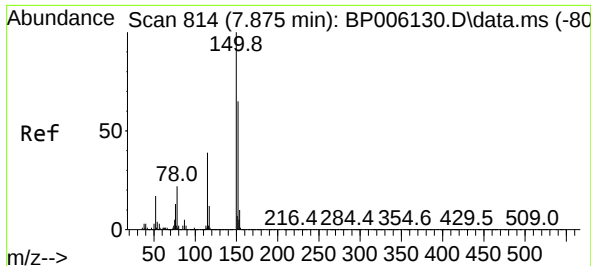
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
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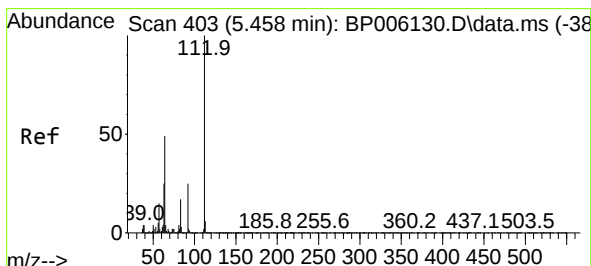
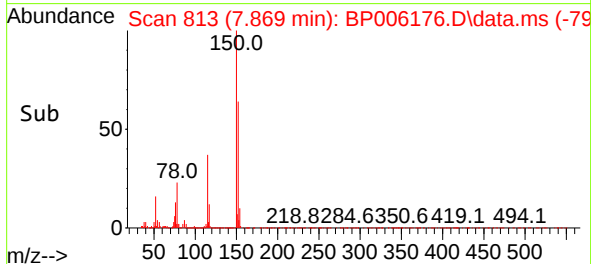
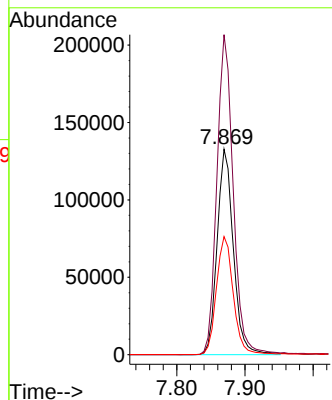
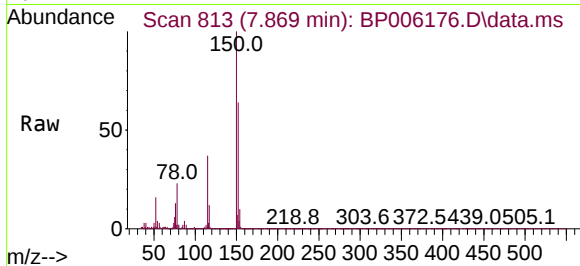




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

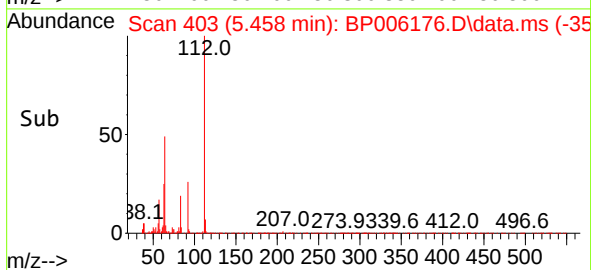
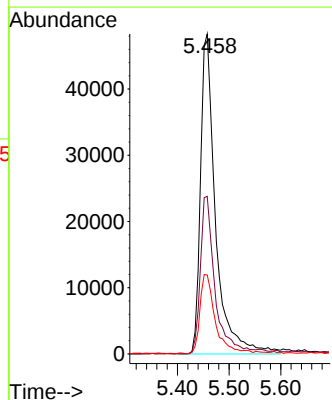
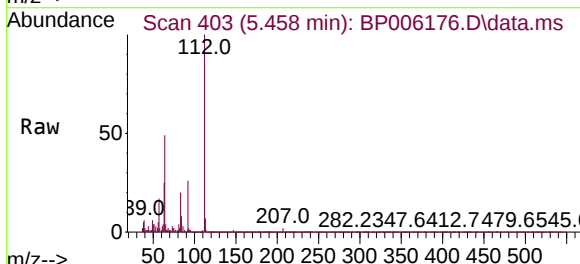
Instrument :
BNA_P
ClientSampleId :
SB07

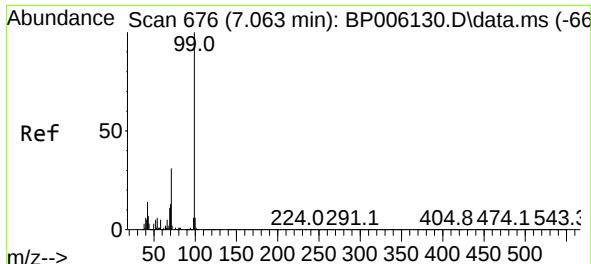
Tgt Ion:152 Resp: 220547
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 57.5 48.5 72.7



#5
2-Fluorophenol
Concen: 7.64 ng
RT: 5.458 min Scan# 403
Delta R.T. 0.000 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion:112 Resp: 97899
Ion Ratio Lower Upper
112 100
64 49.2 41.4 62.2
63 24.7 23.8 35.8

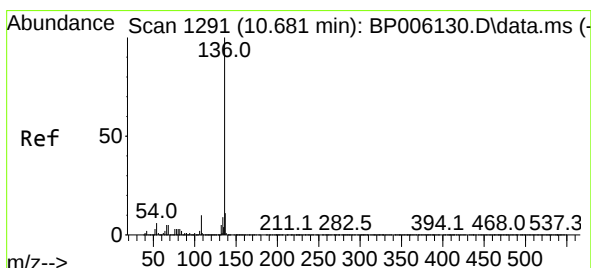
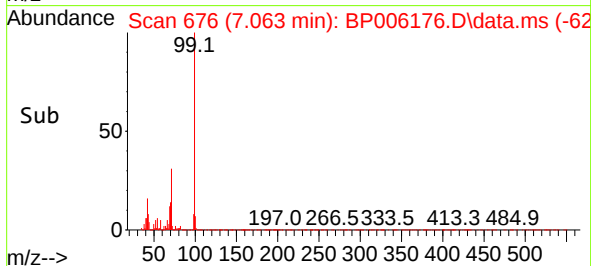
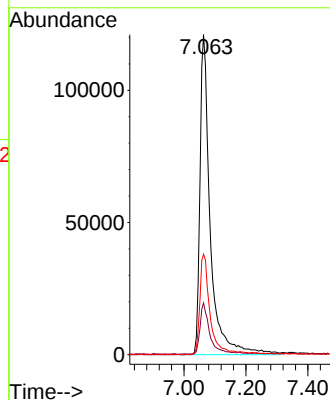
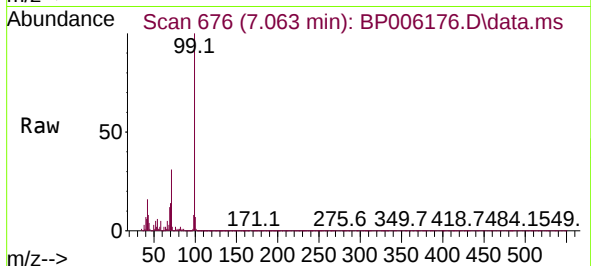




#7
Phenol-d6
Concen: 16.52 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

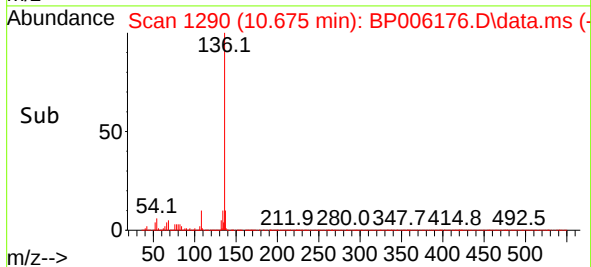
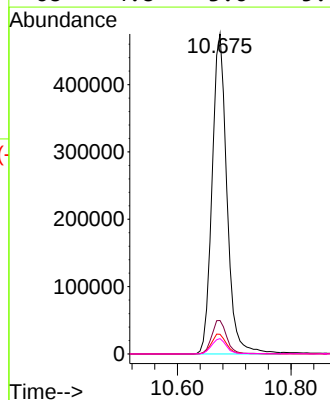
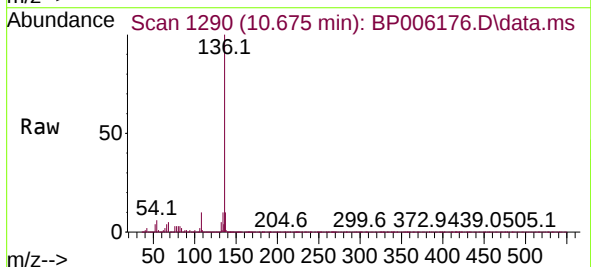
Instrument :
BNA_P
ClientSampleId :
SB07

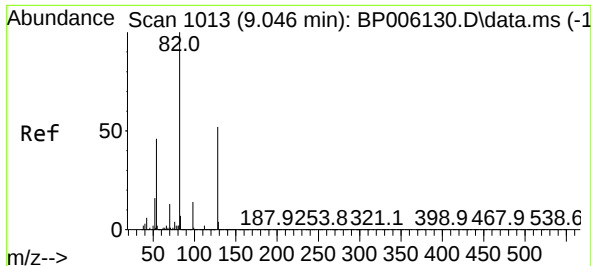
Tgt Ion: 99 Resp: 280007
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.0
71 31.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion: 136 Resp: 858463
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.1 4.6 6.8
68 4.8 3.6 5.4

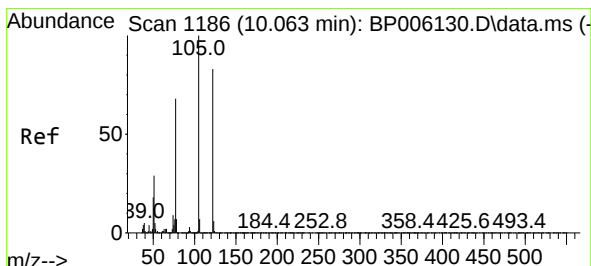
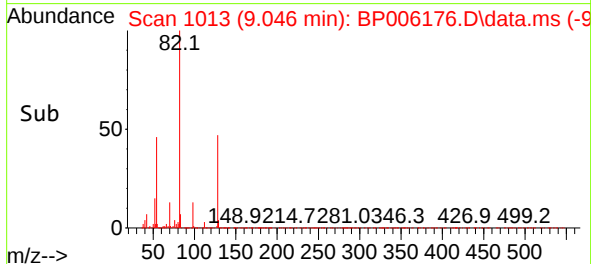
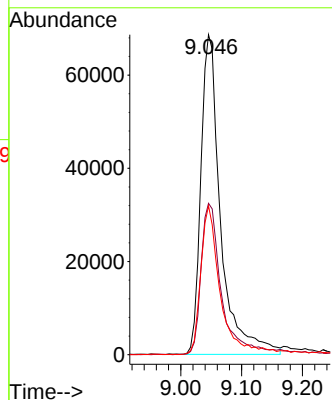
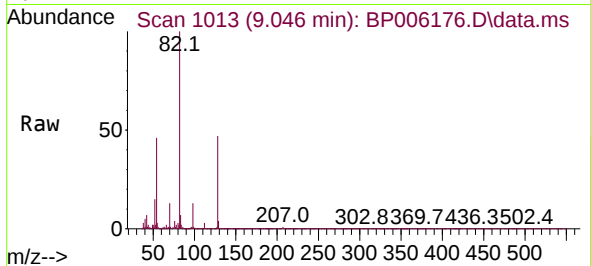




#23
Nitrobenzene-d5
Concen: 11.38 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

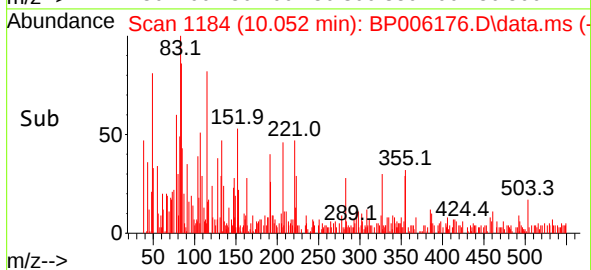
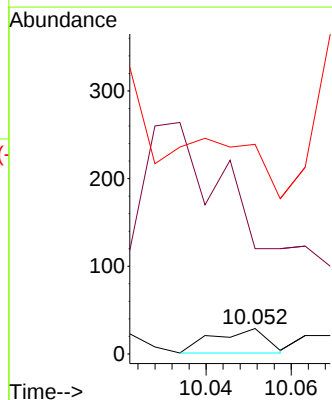
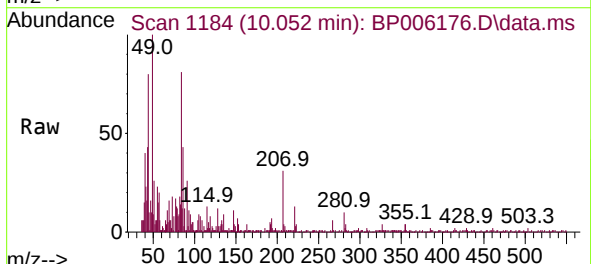
Instrument :
BNA_P
ClientSampleId :
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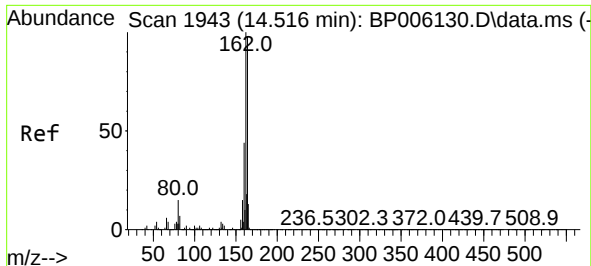
Tgt Ion: 82 Resp: 154667
Ion Ratio Lower Upper
82 100
128 47.3 35.7 53.5
54 46.5 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.052 min Scan# 1184
Delta R.T. -0.011 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 413.8 103.2 143.2#
77 824.1 76.2 116.2#

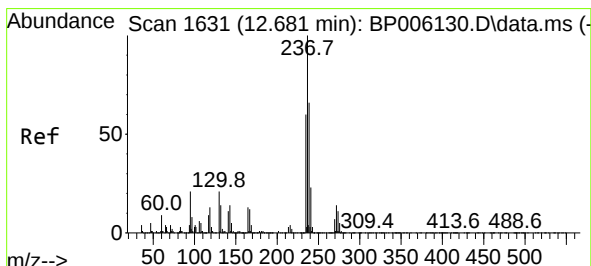
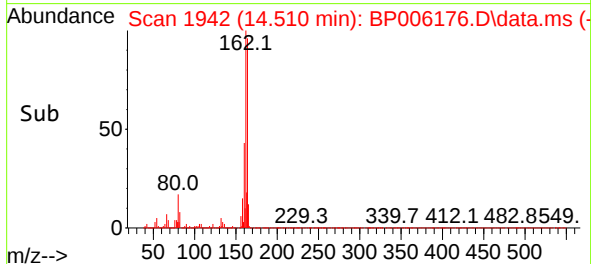
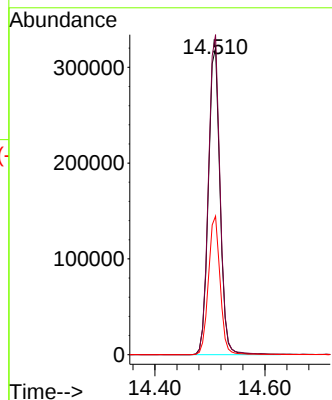
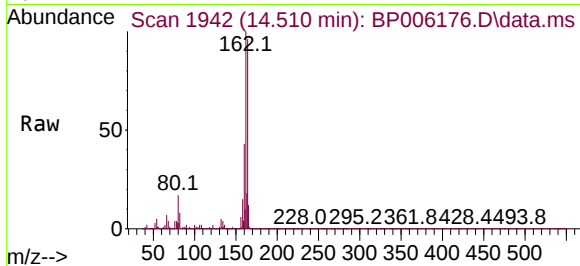




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

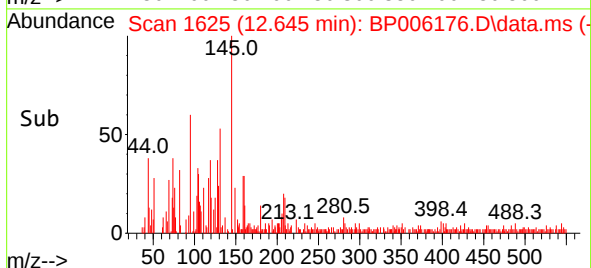
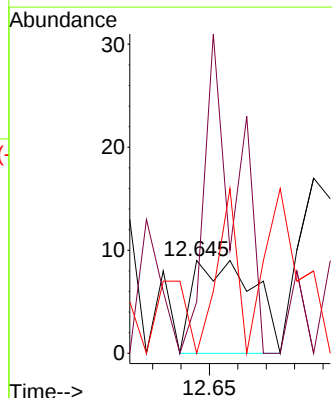
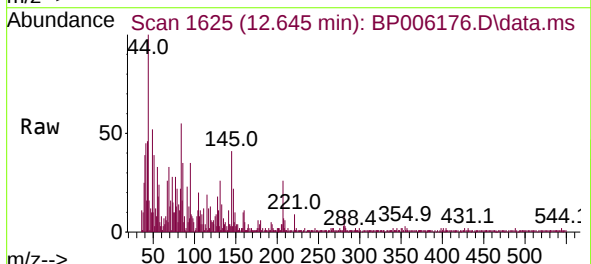
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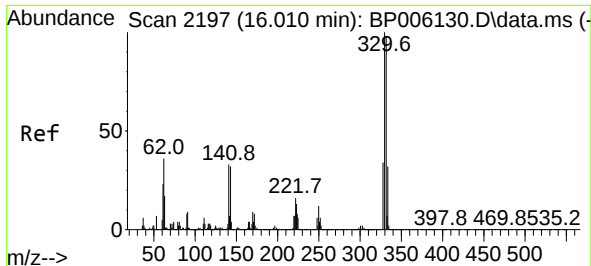
Tgt Ion:164 Resp: 471554
Ion Ratio Lower Upper
164 100
162 104.2 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.70 ng
RT: 12.645 min Scan# 1625
Delta R.T. -0.036 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 55.6 44.5 84.5
272 0.0 0.0 32.5

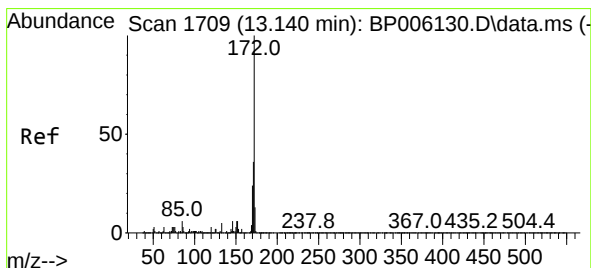
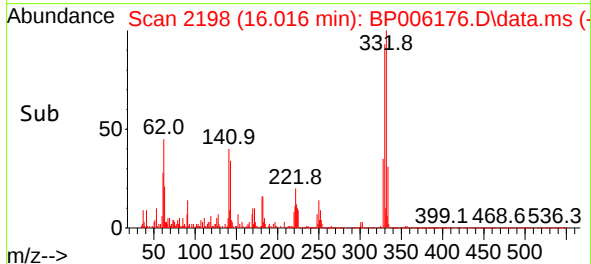
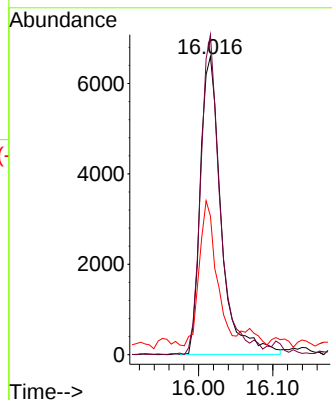
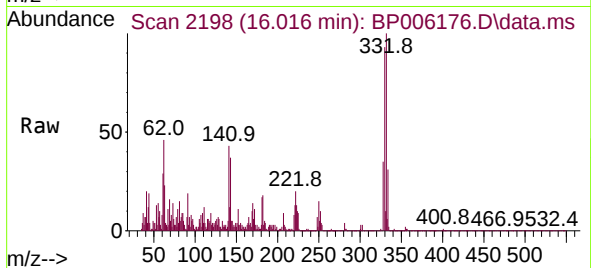




#42
2,4,6-Tribromophenol
Concen: 2.30 ng
RT: 16.016 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

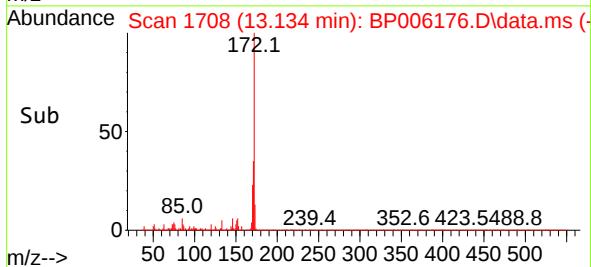
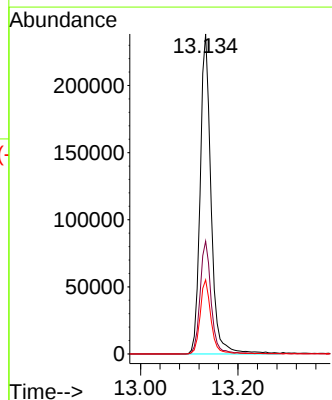
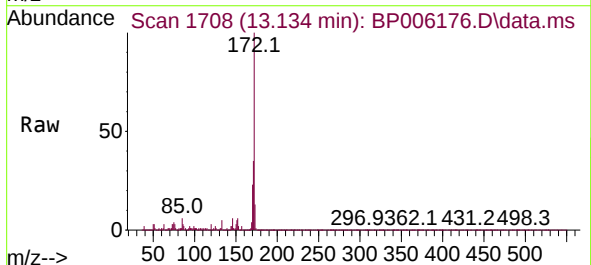
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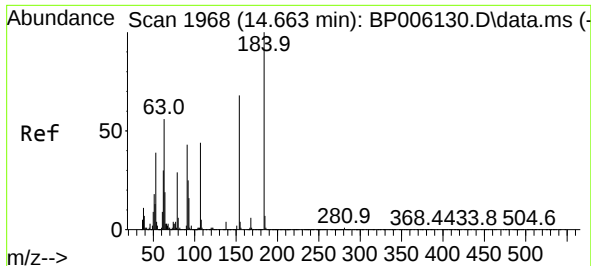
Tgt Ion:330 Resp: 12893
Ion Ratio Lower Upper
330 100
332 100.2 77.8 116.8
141 40.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 11.64 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion:172 Resp: 371263
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.1 18.6 27.8

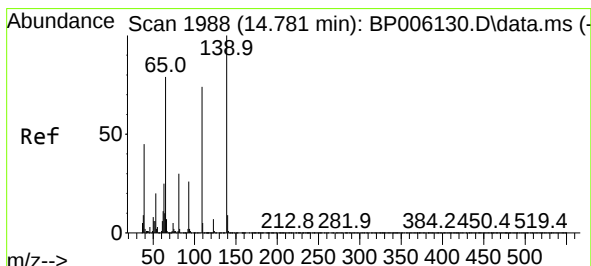
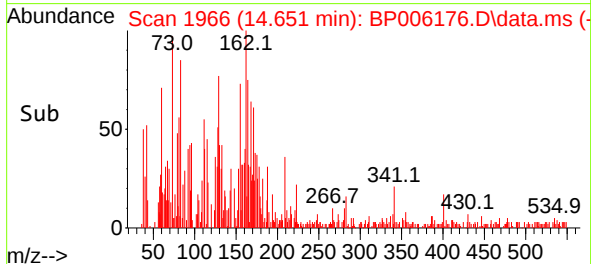
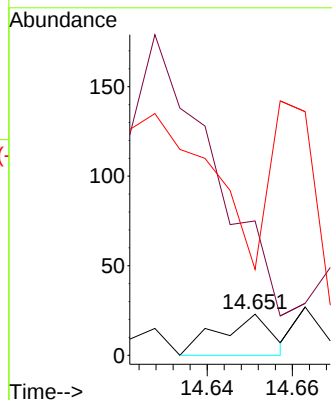
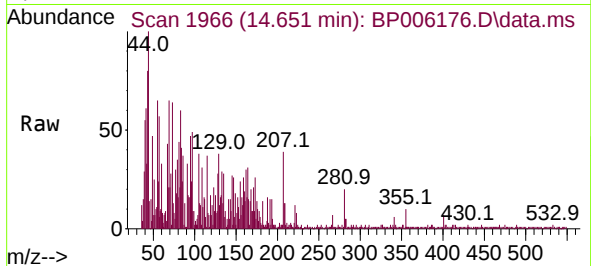




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

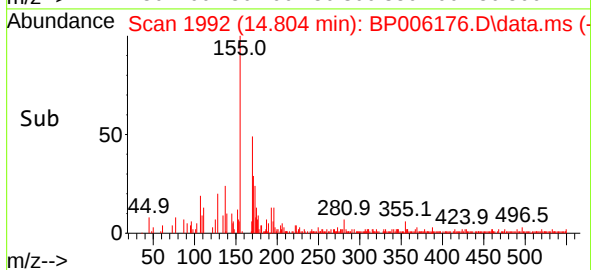
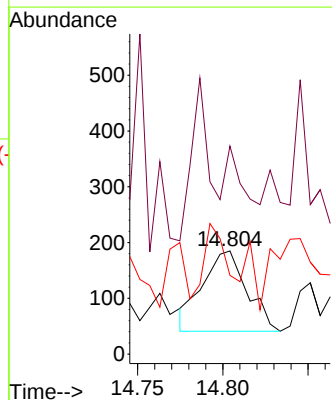
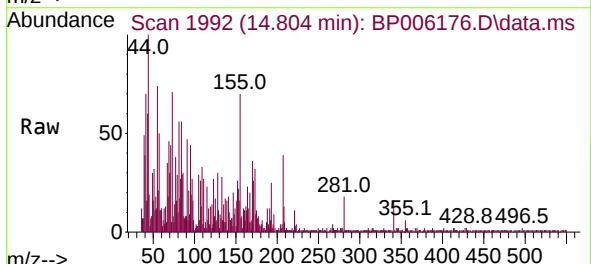
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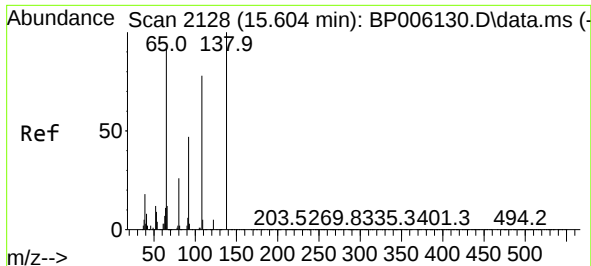
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 197.4 47.0 70.6#
154 126.3 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.16 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.023 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion:139 Resp: 262
Ion Ratio Lower Upper
139 100
109 201.6 72.3 112.3#
65 76.2 72.5 112.5

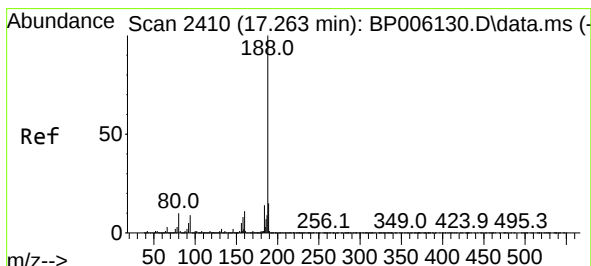
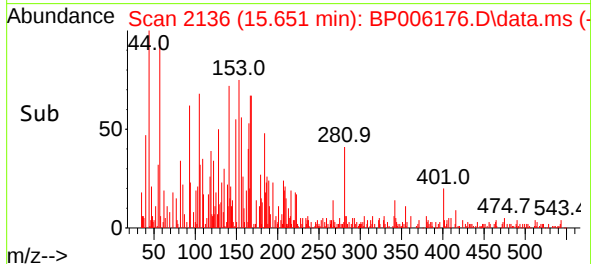
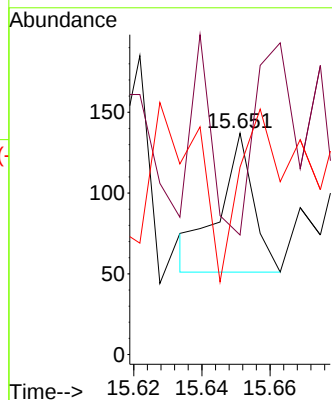
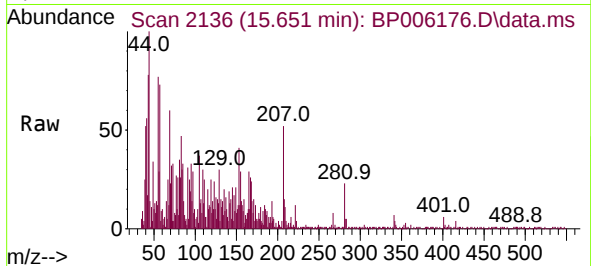




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.047 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

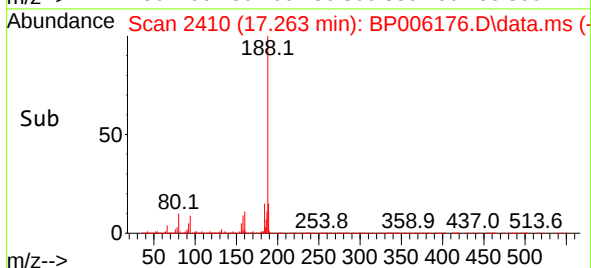
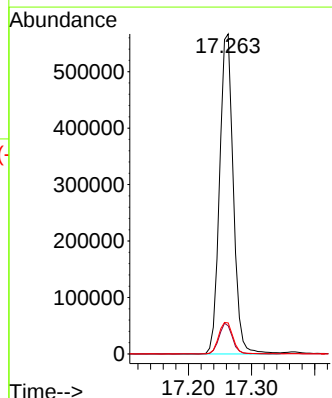
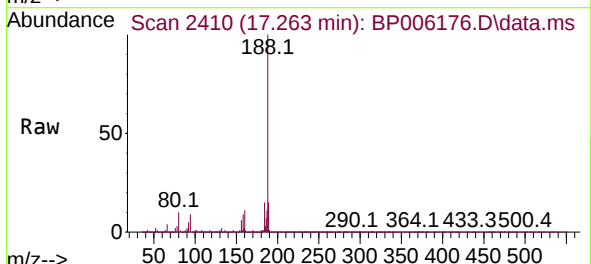
Instrument :
BNA_P
ClientSampleId :
SB07

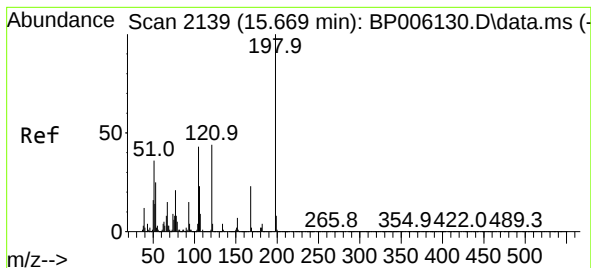
Tgt Ion:138 Resp: 59
Ion Ratio Lower Upper
138 100
92 54.0 31.2 71.2
108 84.7 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion:188 Resp: 856646
Ion Ratio Lower Upper
188 100
94 8.8 5.6 8.4#
80 9.7 6.3 9.5#

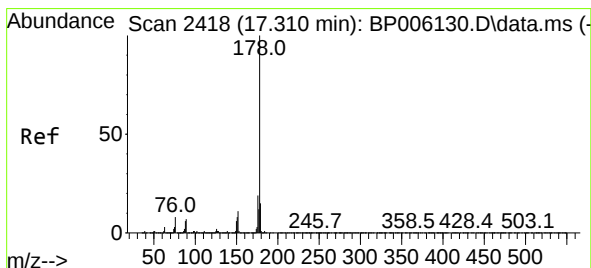
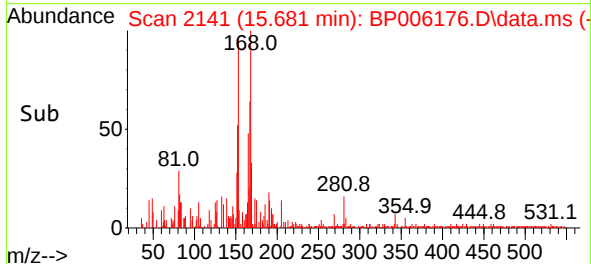
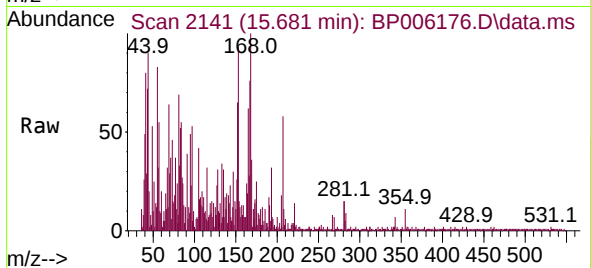




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.012 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

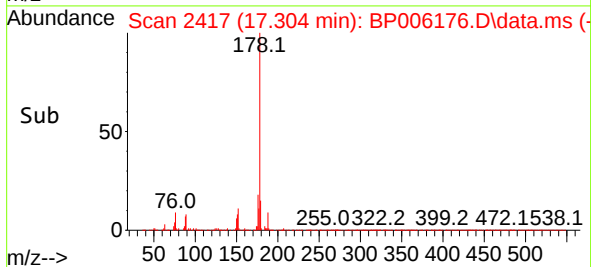
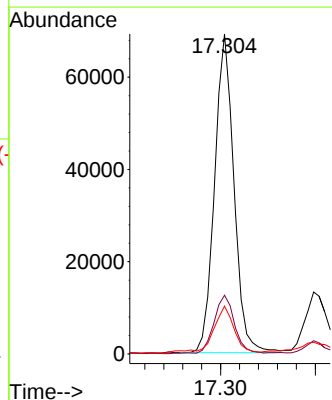
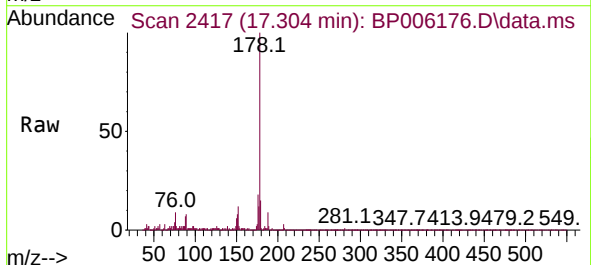
Instrument :
BNA_P
ClientSampled :
SB07

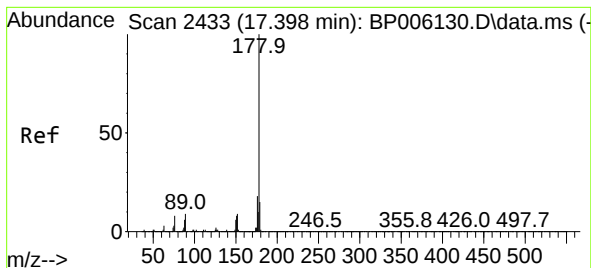
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 1138.5 14.0 54.0#
105 1876.9 19.5 59.5#



#71
Phenanthrene
Concen: 2.02 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP006176.D
Acq: 09 Jul 2021 23:48

Tgt Ion:178 Resp: 97951
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.0 12.4 18.6

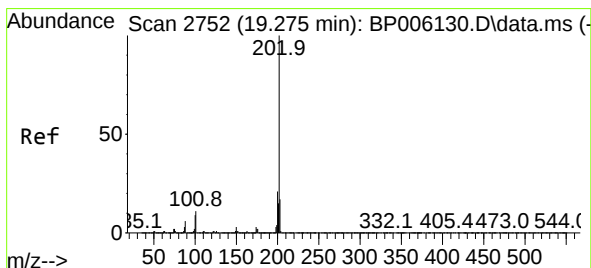
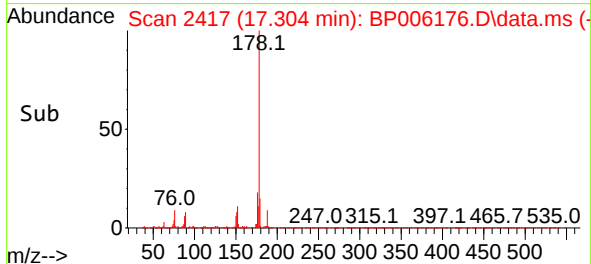
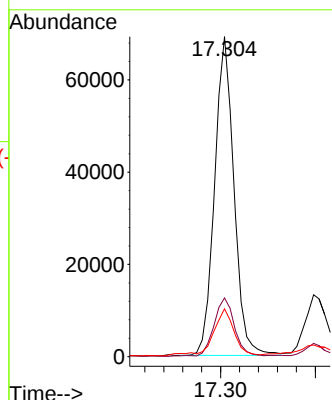
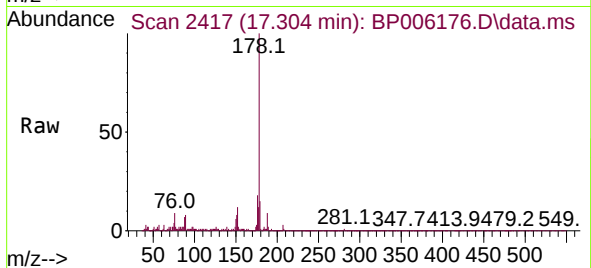




#72
 Anthracene
 Concen: 2.07 ng
 RT: 17.304 min Scan# 2417
 Delta R.T. -0.094 min
 Lab File: BP006176.D
 Acq: 09 Jul 2021 23:48

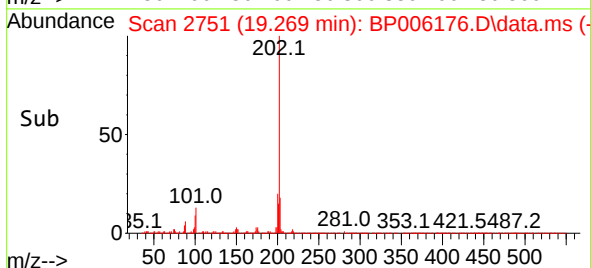
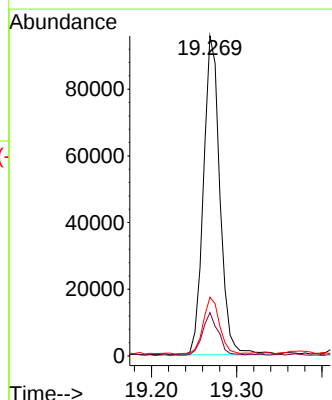
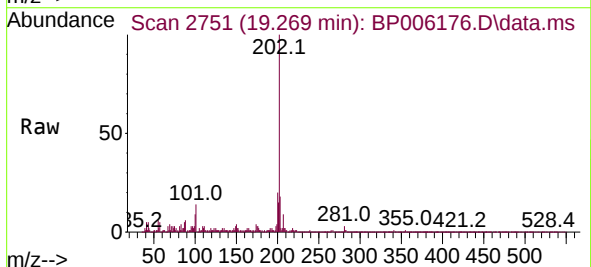
Instrument :
 BNA_P
 ClientSampleId :
 SB07

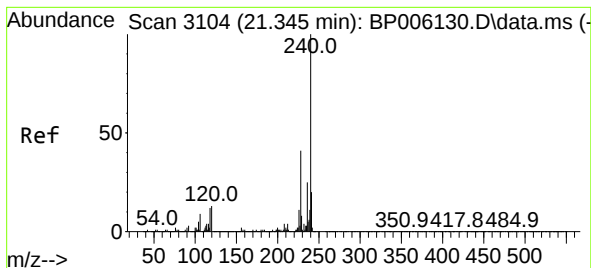
Tgt Ion:178 Resp: 97951
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.9 22.3
 179 15.0 12.2 18.2



#75
 Fluoranthene
 Concen: 2.42 ng
 RT: 19.269 min Scan# 2751
 Delta R.T. -0.006 min
 Lab File: BP006176.D
 Acq: 09 Jul 2021 23:48

Tgt Ion:202 Resp: 128230
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 27.6
 203 18.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP006176.D

Acq: 09 Jul 2021 23:48

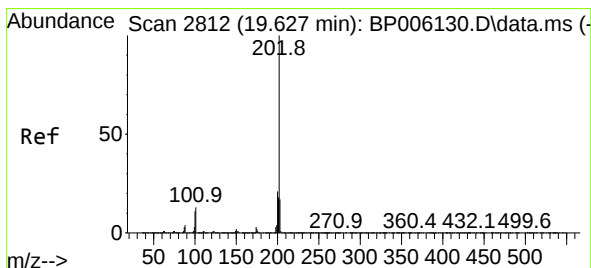
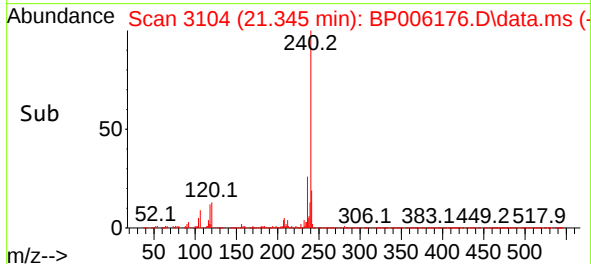
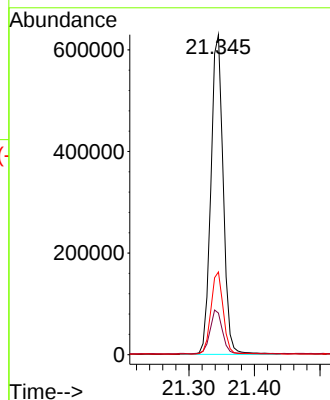
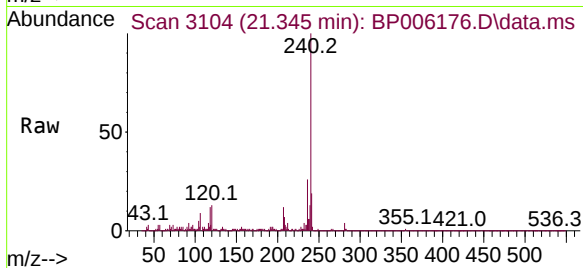
Instrument :

BNA_P

ClientSampleId :

SB07

Tgt Ion:240 Resp: 821734
 Ion Ratio Lower Upper
 240 100
 120 13.0 6.5 9.7#
 236 25.8 20.6 31.0



#78

Pyrene

Concen: 2.14 ng

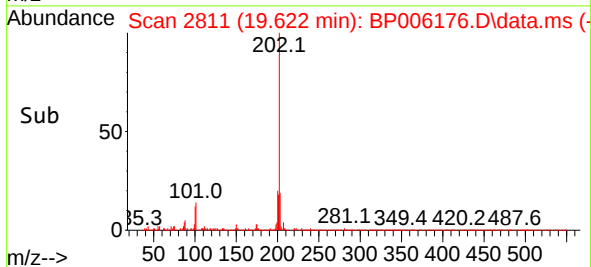
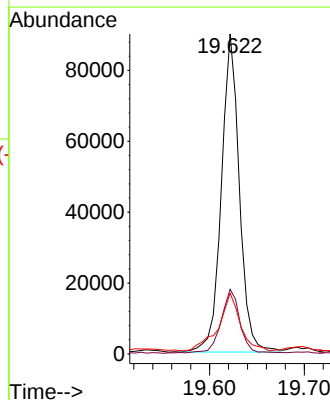
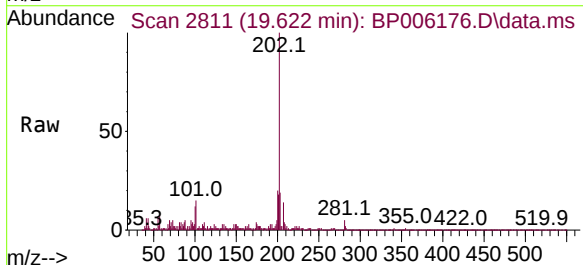
RT: 19.622 min Scan# 2811

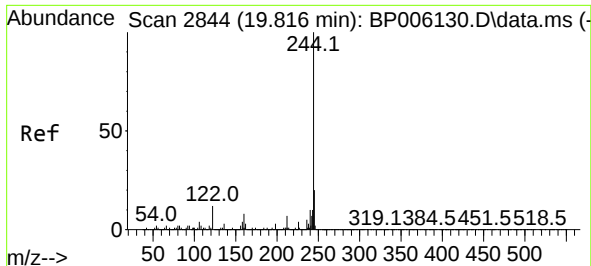
Delta R.T. -0.006 min

Lab File: BP006176.D

Acq: 09 Jul 2021 23:48

Tgt Ion:202 Resp: 118842
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.3 24.5
 203 19.0 14.2 21.2

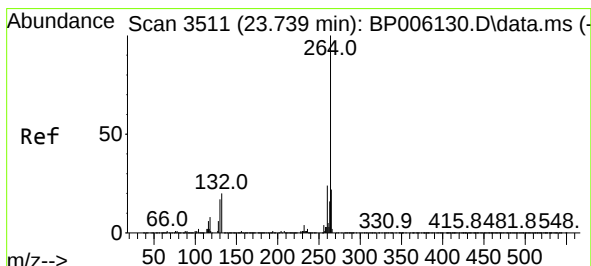
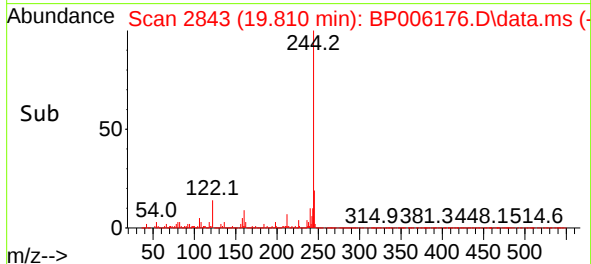
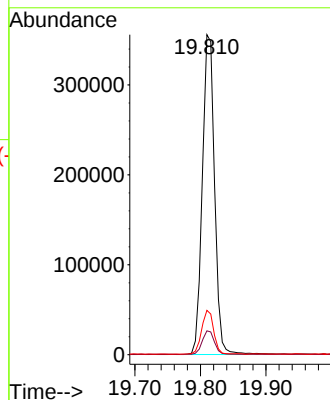
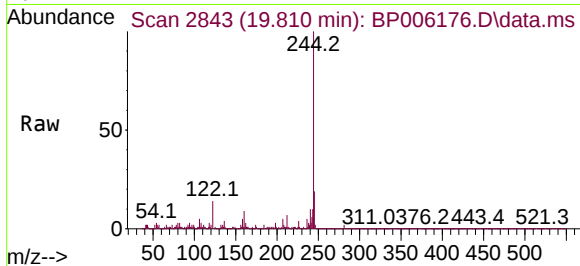




#79
 Terphenyl-d14
 Concen: 11.11 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BP006176.D
 Acq: 09 Jul 2021 23:48

Instrument :
 BNA_P
 ClientSampleId :
 SB07

Tgt Ion:244 Resp: 462955
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.9 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. 0.000 min
 Lab File: BP006176.D
 Acq: 09 Jul 2021 23:48

Tgt Ion:264 Resp: 962189
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.3 17.6 26.4

