

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006146.D
 Acq On : 08 Jul 2021 18:43
 Operator : CG/JU
 Sample : M2963-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-1B-COMP

Quant Time: Jul 09 04:29:26 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)

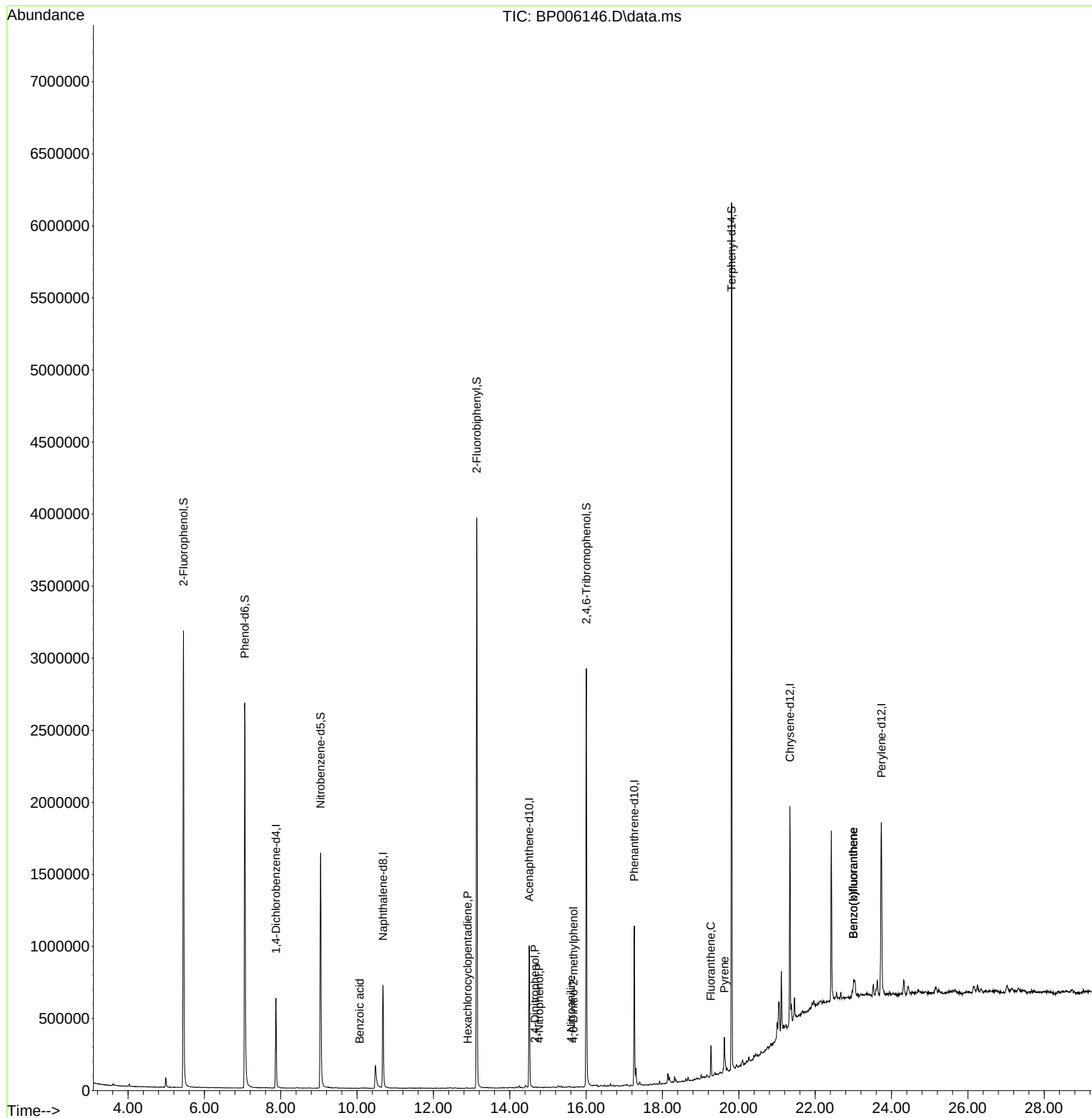
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	182898	20.00	ng	0.00
21) Naphthalene-d8	10.681	136	680575	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	355826	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	653491	20.00	ng	# 0.00
76) Chrysene-d12	21.339	240	666110	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	851715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1563443	147.08	ng	0.00
7) Phenol-d6	7.058	99	1793421	127.55	ng	0.00
23) Nitrobenzene-d5	9.046	82	1013041	94.02	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	553896	130.75	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	2075324	86.22	ng	0.00
79) Terphenyl-d14	19.810	244	2589226	76.64	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.069	122	9	6.90	ng	# 1
41) Hexachlorocyclopentadiene	12.899	237	22	8.72	ng	96
54) 2,4-Dinitrophenol	14.657	184	14	8.88	ng	# 1
56) 4-Nitrophenol	14.769	139	120	7.15	ng	# 49
62) 4-Nitroaniline	15.604	138	65	2.97	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.669	198	7	4.42	ng	# 1
75) Fluoranthene	19.269	202	123011	3.04	ng	94
78) Pyrene	19.622	202	136370	3.03	ng	97
88) Benzo(b)fluoranthene	23.004	252	129162	2.50	ng	# 89
89) Benzo(k)fluoranthene	23.004	252	129162	2.56	ng	# 89

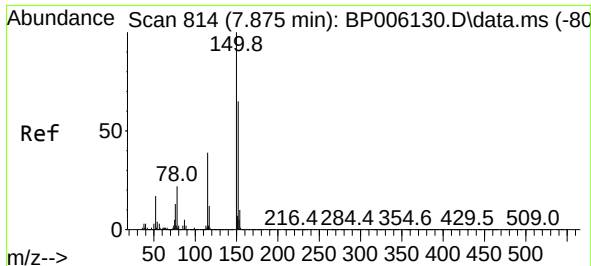
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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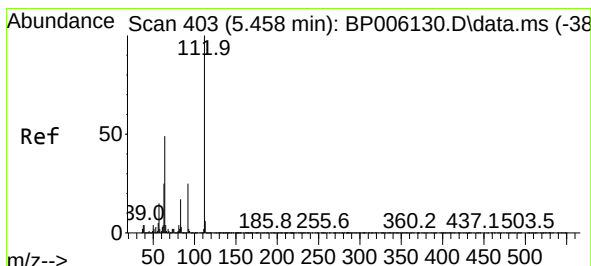
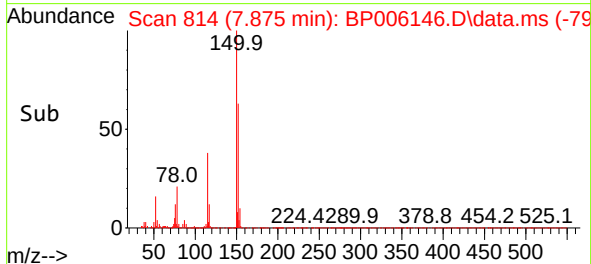
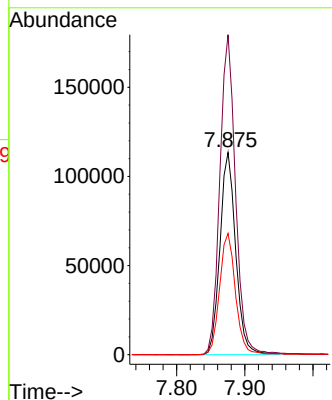
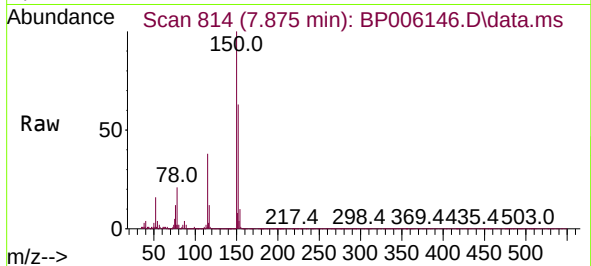




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

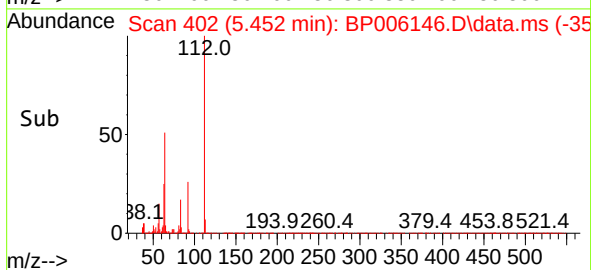
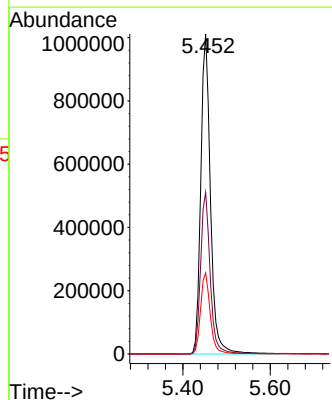
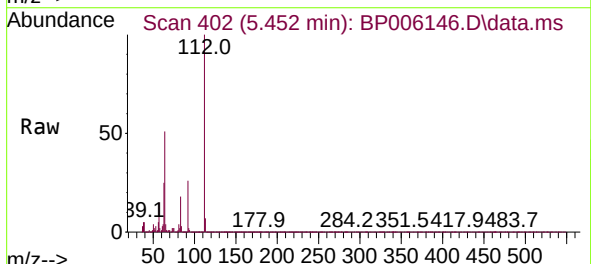
Instrument :
BNA_P
ClientSampleId :
MH-1B-COMP

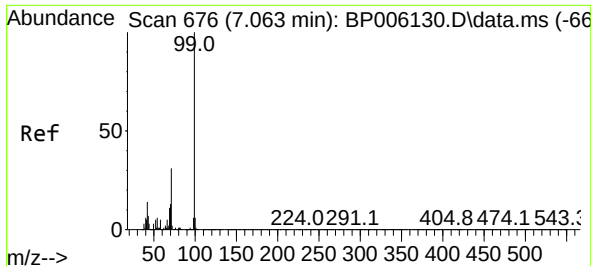
Tgt Ion:152 Resp: 182898
Ion Ratio Lower Upper
152 100
150 158.2 125.6 188.4
115 60.0 48.5 72.7



#5
2-Fluorophenol
Concen: 147.08 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:112 Resp: 1563443
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 25.3 23.8 35.8



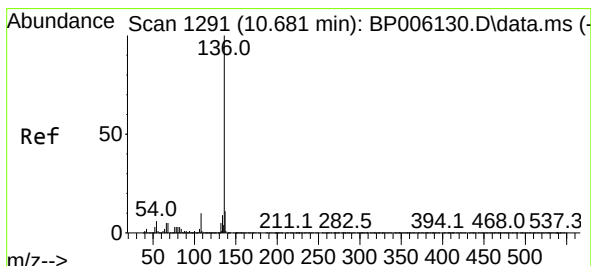
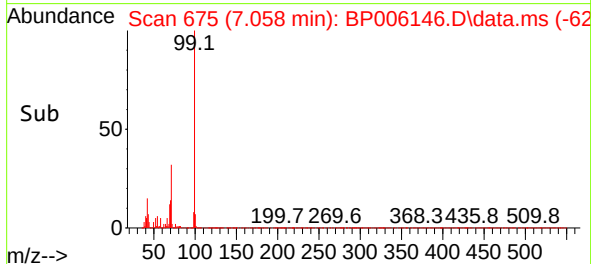
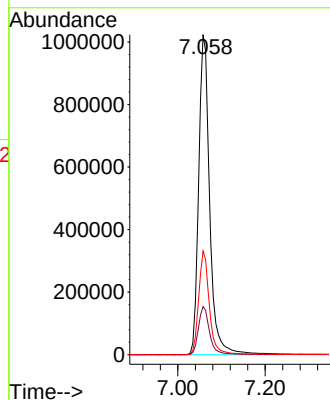
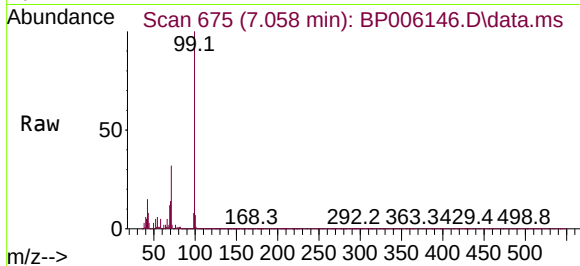


#7
Phenol-d6
Concen: 127.55 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Instrument :
BNA_P
ClientSampleId :
MH-1B-COMP

Tgt Ion: 99 Resp: 1793421

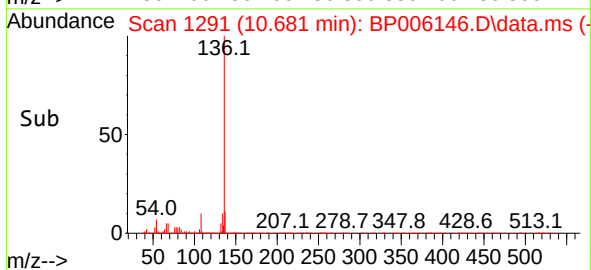
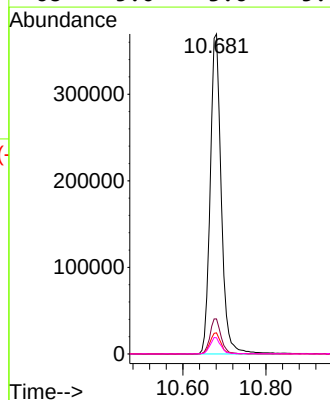
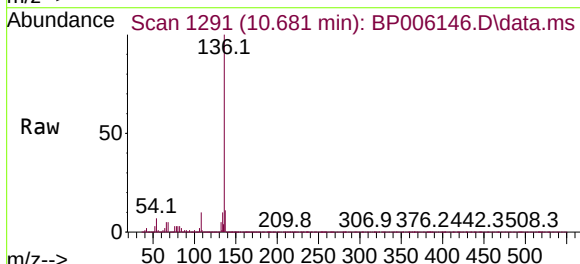
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	32.4	30.6	46.0

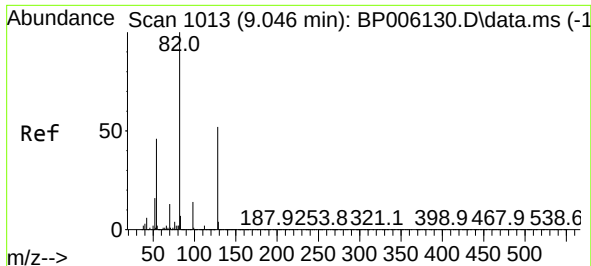


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion: 136 Resp: 680575

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.6	4.6	6.8
68	5.0	3.6	5.4

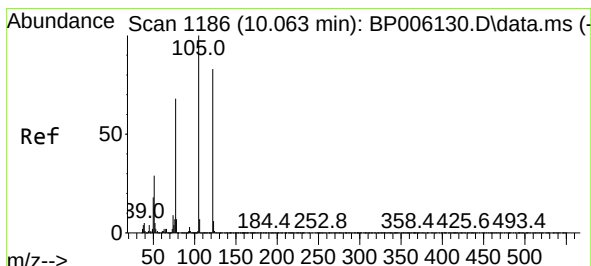
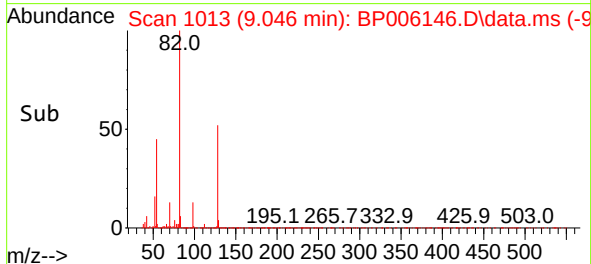
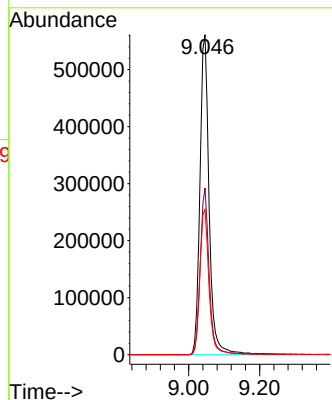
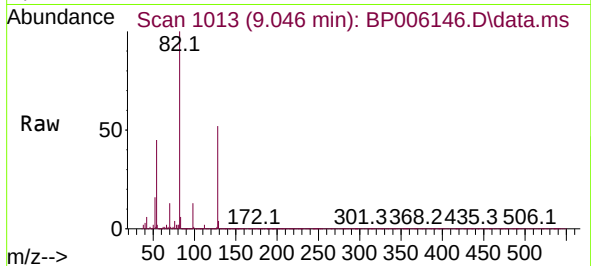




#23
Nitrobenzene-d5
Concen: 94.02 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

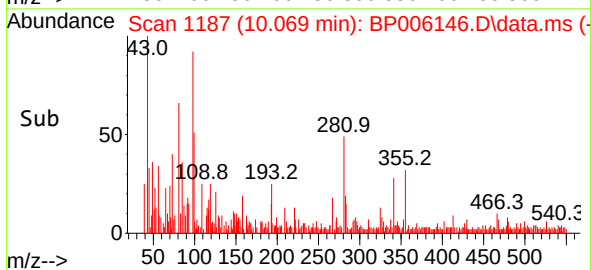
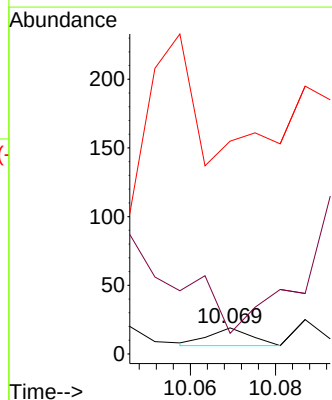
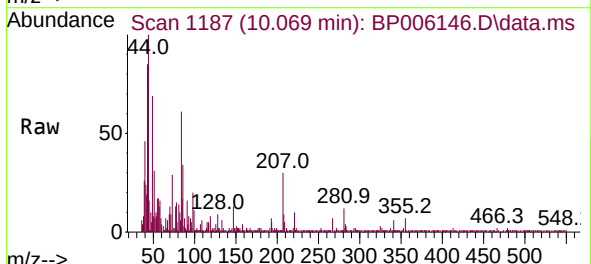
Instrument :
BNA_P
ClientSampleId :
MH-1B-COMP

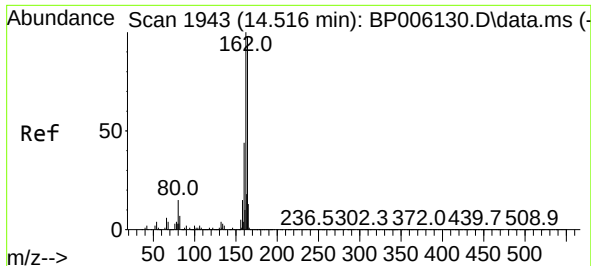
Tgt Ion: 82 Resp: 1013041
Ion Ratio Lower Upper
82 100
128 52.1 35.7 53.5
54 45.4 35.0 52.4



#32
Benzoic acid
Concen: 6.90 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:122 Resp: 9
Ion Ratio Lower Upper
122 100
105 78.9 103.2 143.2#
77 815.8 76.2 116.2#

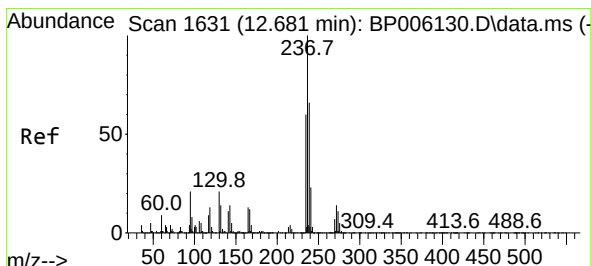
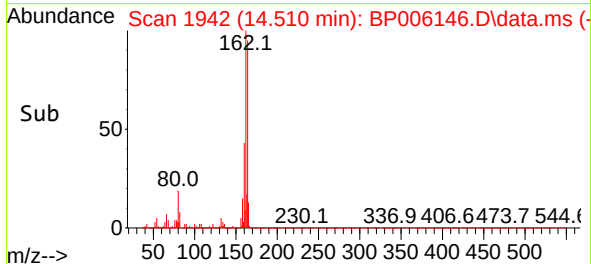
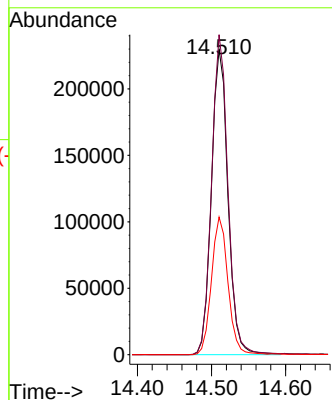
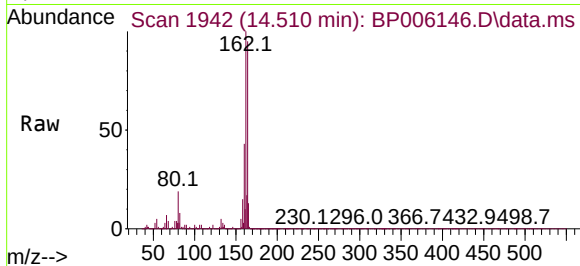




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

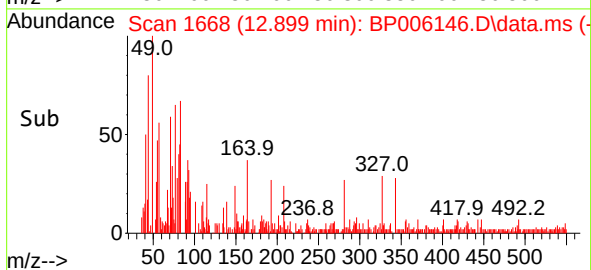
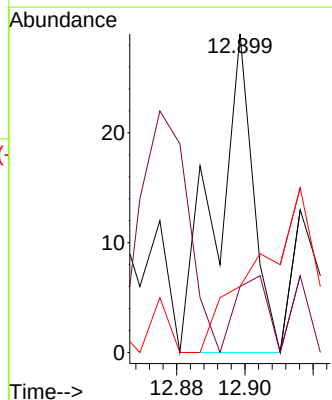
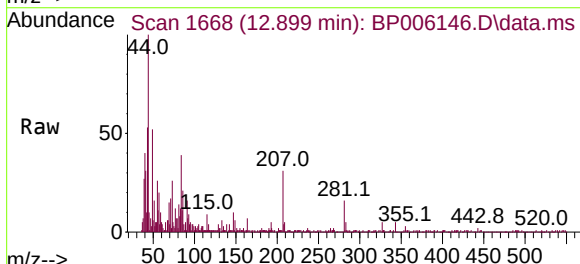
Instrument :
BNA_P
ClientSampleId :
MH-1B-COMP

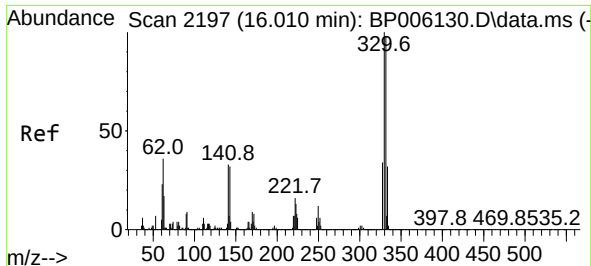
Tgt Ion:164 Resp: 355826
Ion Ratio Lower Upper
164 100
162 104.8 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.72 ng
RT: 12.899 min Scan# 1668
Delta R.T. 0.218 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 65.5 44.5 84.5
272 20.7 0.0 32.5

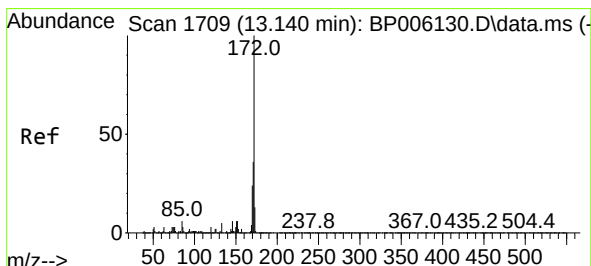
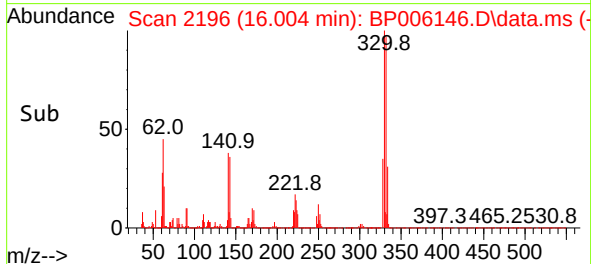
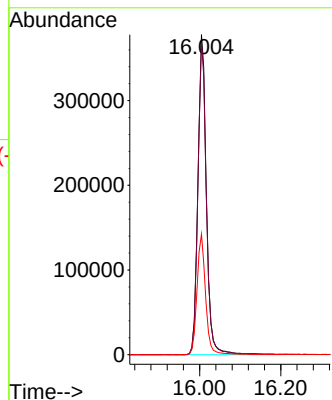
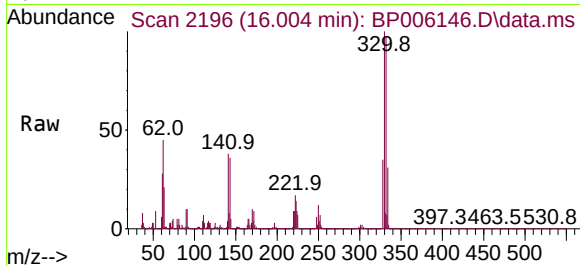




#42
2,4,6-Tribromophenol
Concen: 130.75 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

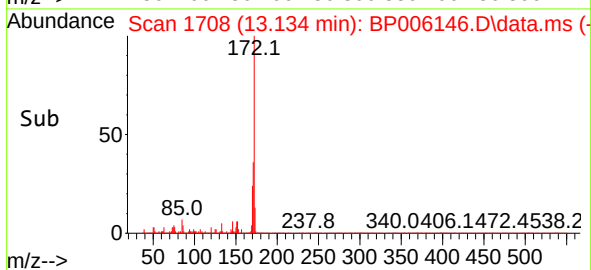
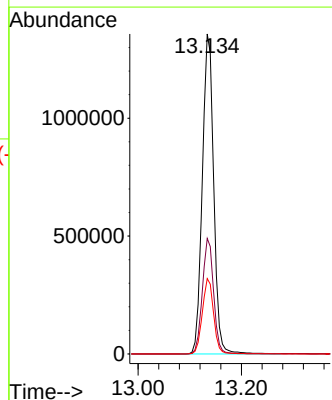
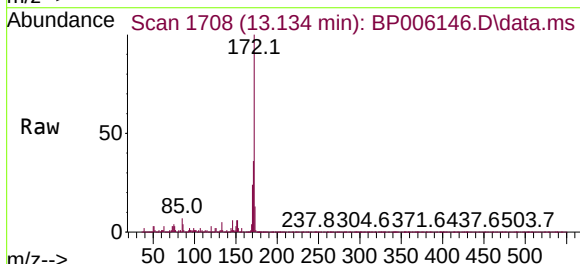
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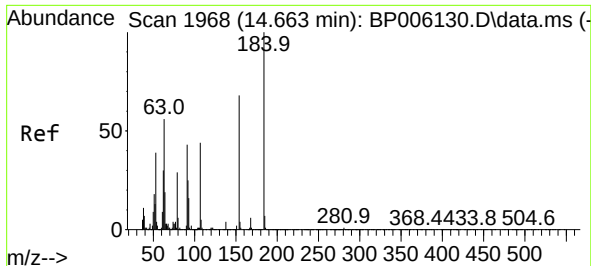
Tgt Ion:330 Resp: 553896
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 37.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 86.22 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:172 Resp: 2075324
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.6 18.6 27.8

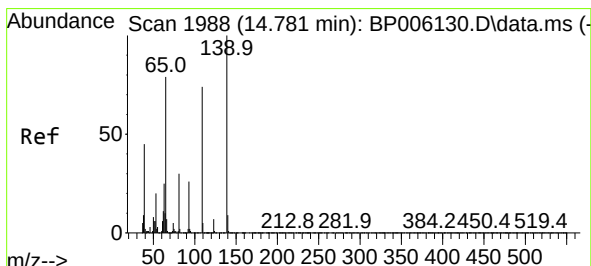
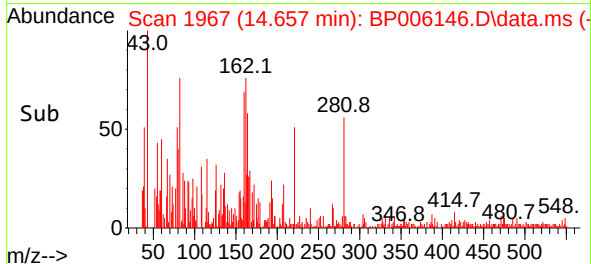
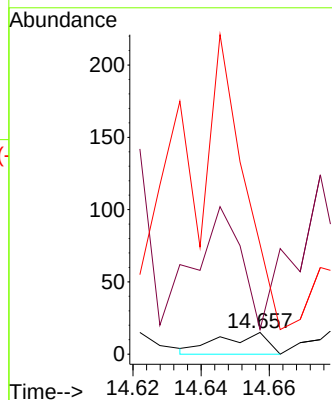
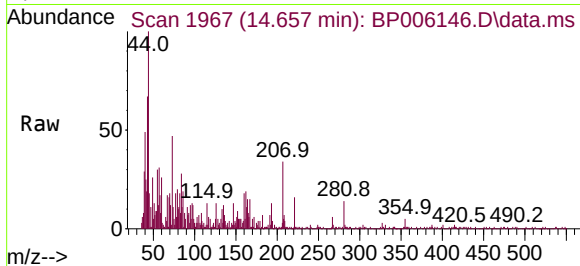




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

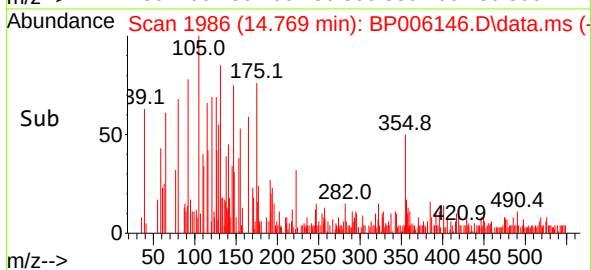
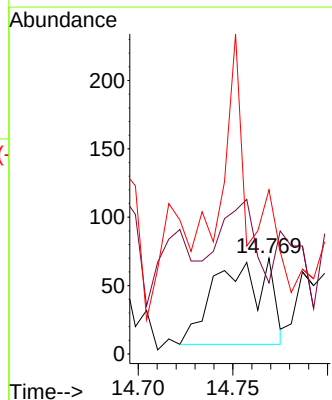
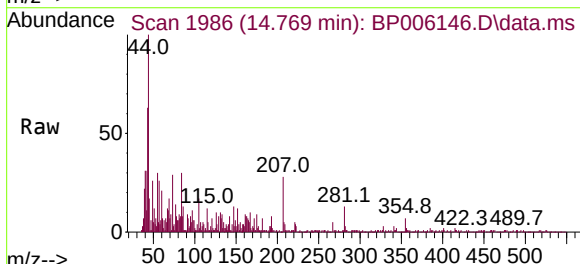
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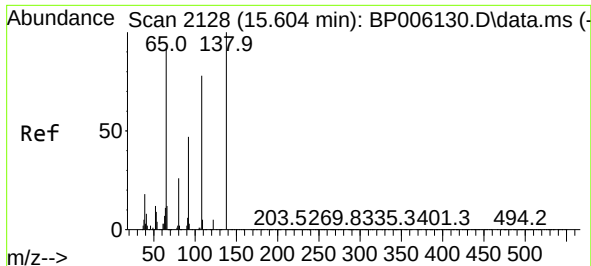
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 233.3 47.0 70.6#
154 506.7 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.15 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 74.3 72.3 112.3
65 171.4 72.5 112.5#

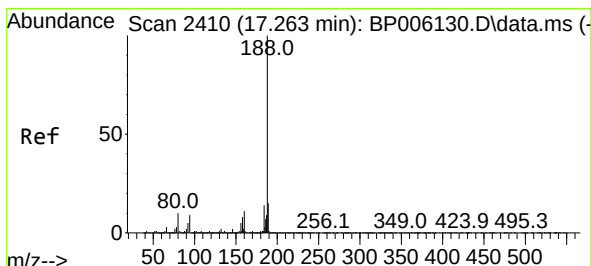
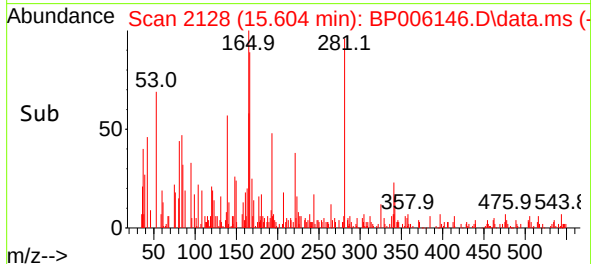
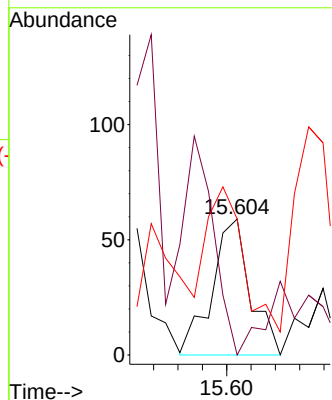
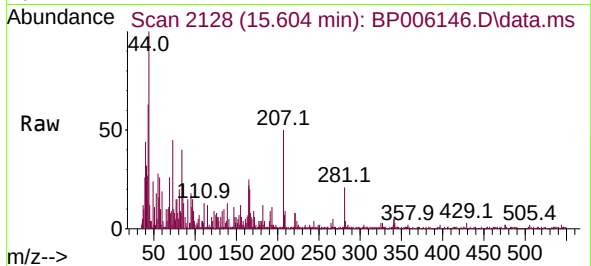




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

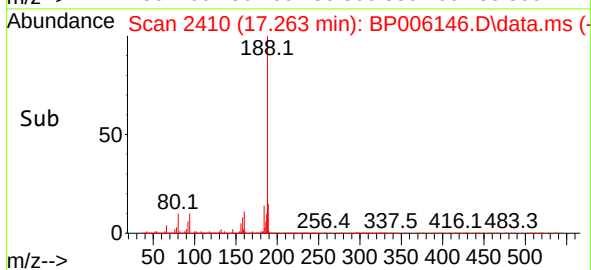
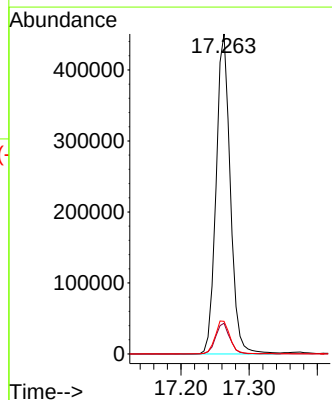
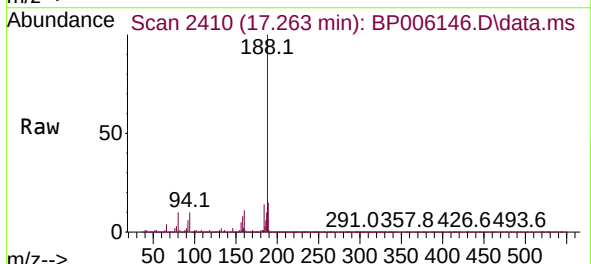
Instrument :
BNA_P
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MH-1B-COMP

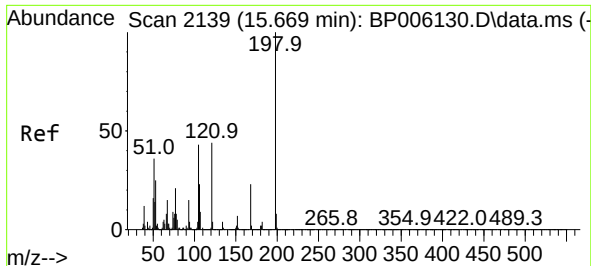
Tgt Ion:138 Resp: 65
Ion Ratio Lower Upper
138 100
92 0.0 31.2 71.2#
108 100.0 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:188 Resp: 653491
Ion Ratio Lower Upper
188 100
94 9.6 5.6 8.4#
80 10.2 6.3 9.5#

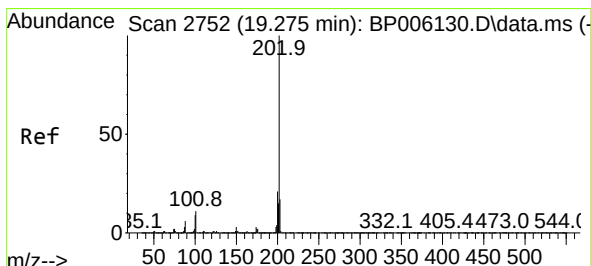
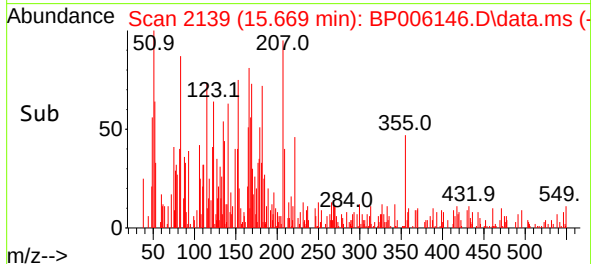
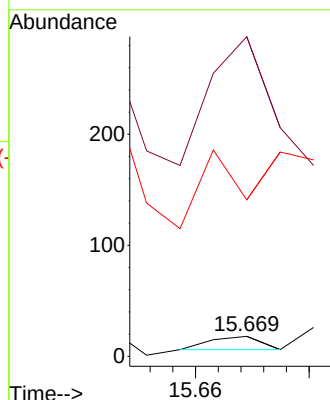
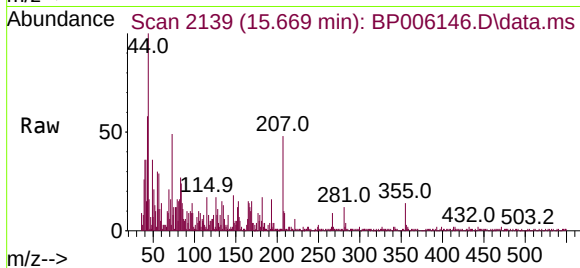




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

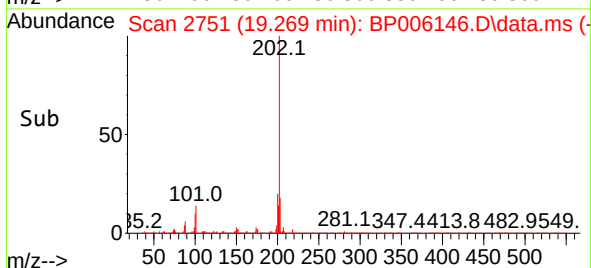
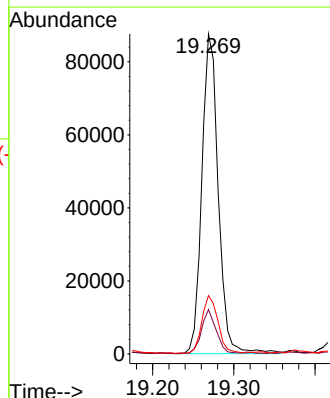
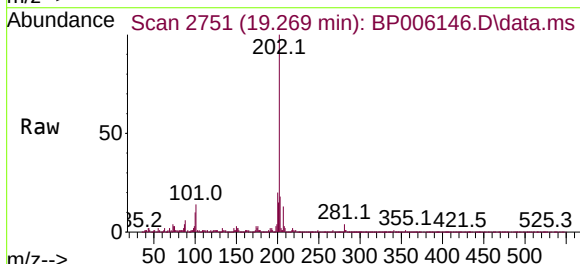
Instrument :
BNA_P
ClientSampleId :
MH-1B-COMP

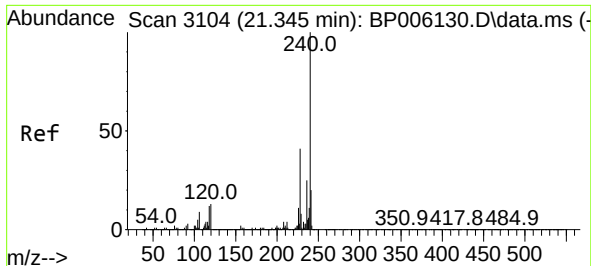
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 1600.0 14.0 54.0#
105 783.3 19.5 59.5#



#75
Fluoranthene
Concen: 3.04 ng
RT: 19.269 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:202 Resp: 123011
Ion Ratio Lower Upper
202 100
101 13.9 0.0 27.6
203 18.3 0.0 37.8

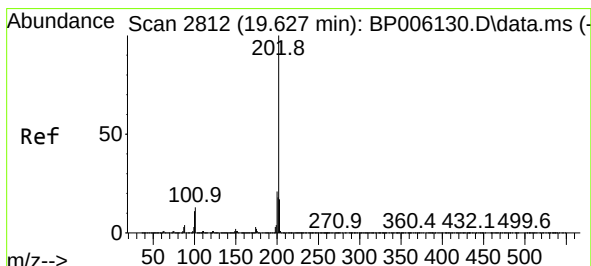
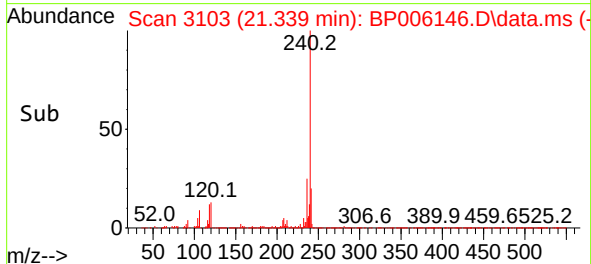
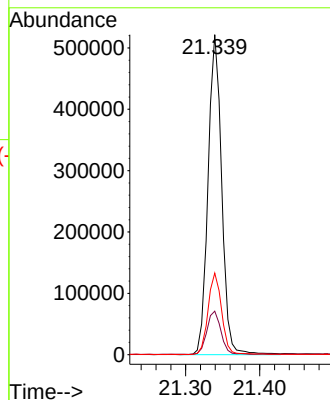
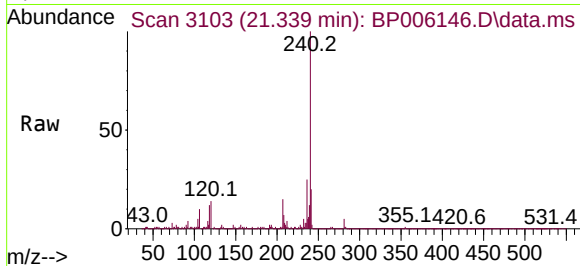




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

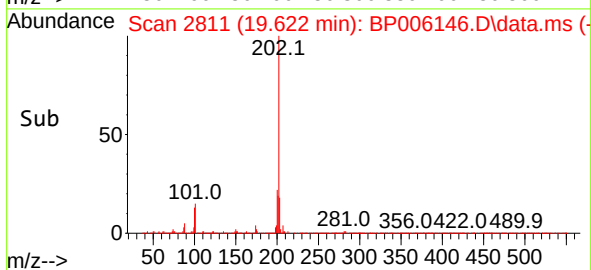
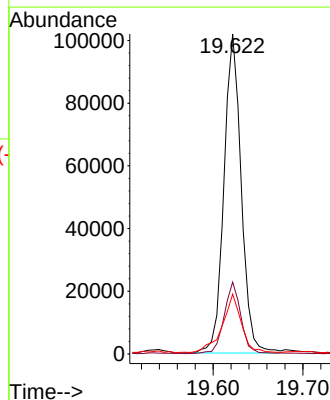
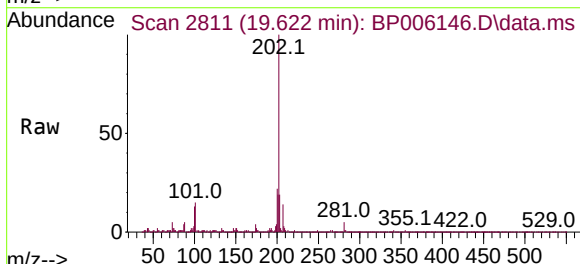
Instrument :
BNA_P
ClientSampleId :
MH-1B-COMP

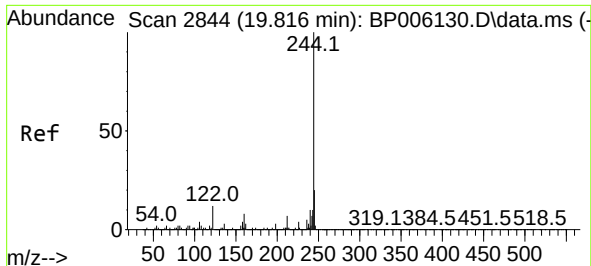
Tgt Ion:240 Resp: 666110
Ion Ratio Lower Upper
240 100
120 13.6 6.5 9.7#
236 25.5 20.6 31.0



#78
Pyrene
Concen: 3.03 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:202 Resp: 136370
Ion Ratio Lower Upper
202 100
200 22.4 16.3 24.5
203 18.7 14.2 21.2

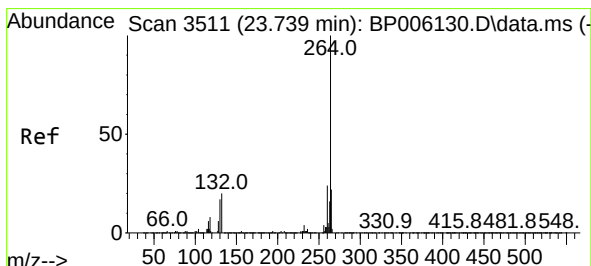
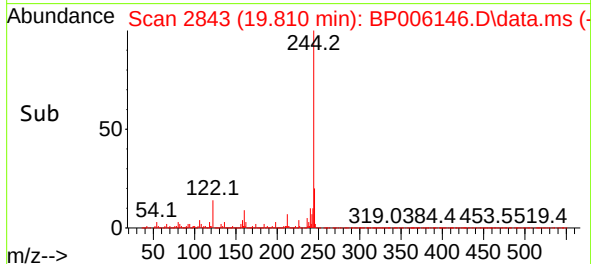
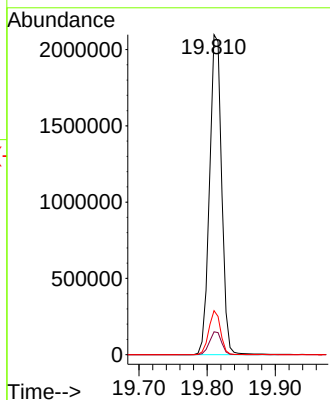
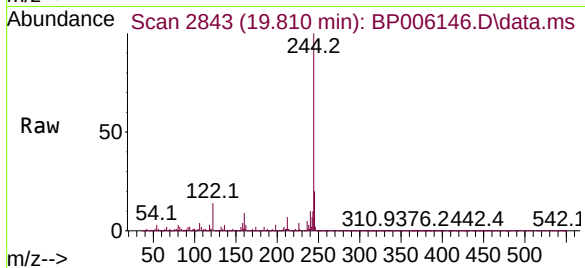




#79
 Terphenyl-d14
 Concen: 76.64 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BP006146.D
 Acq: 08 Jul 2021 18:43

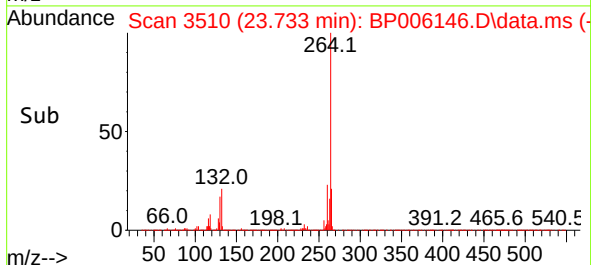
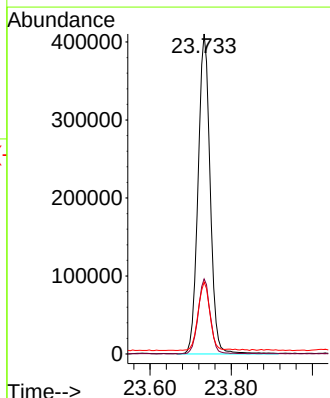
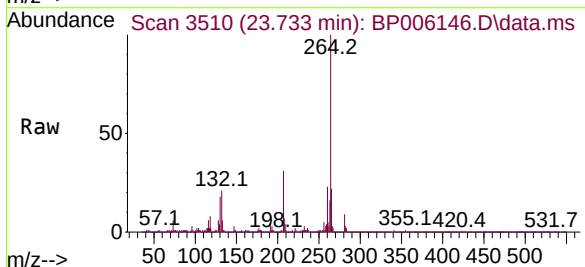
Instrument :
 BNA_P
 ClientSampleId :
 MH-1B-COMP

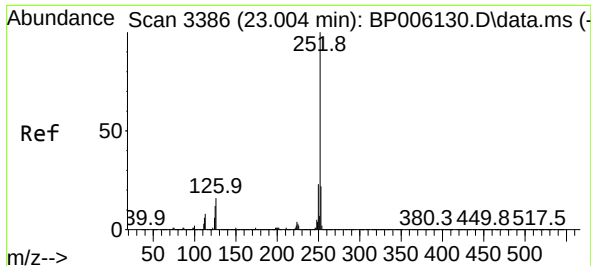
Tgt Ion:244 Resp: 2589226
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.8 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.733 min Scan# 3510
 Delta R.T. -0.006 min
 Lab File: BP006146.D
 Acq: 08 Jul 2021 18:43

Tgt Ion:264 Resp: 851715
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.5 17.6 26.4

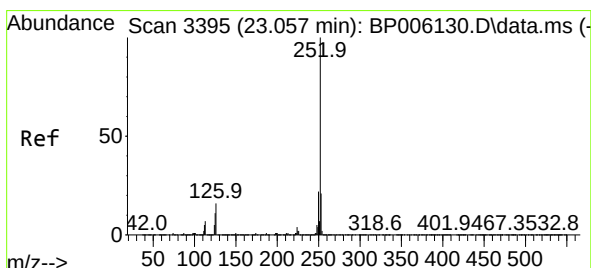
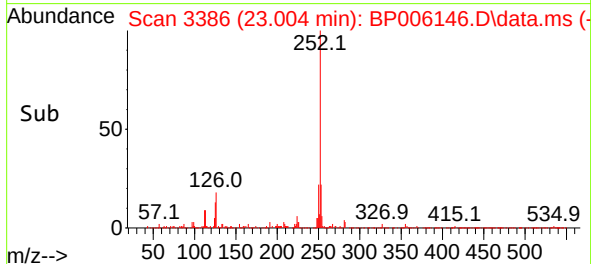
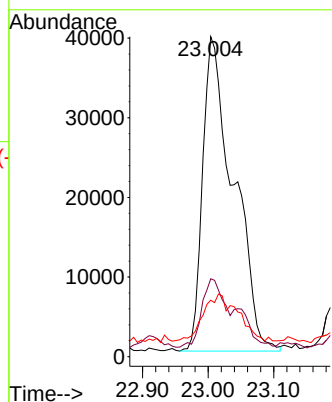
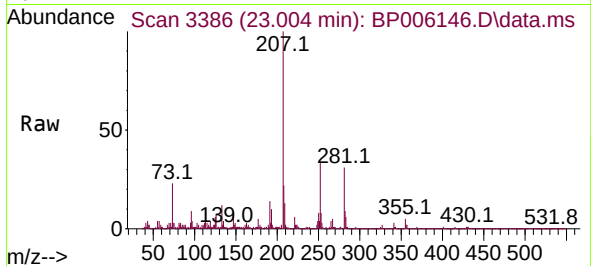




#88
Benzo(b)fluoranthene
Concen: 2.50 ng
RT: 23.004 min Scan# 3386
Delta R.T. 0.000 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Instrument :
BNA_P
ClientSampleId :
MH-1B-COMP

Tgt Ion:252 Resp: 129162
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 17.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.56 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.053 min
Lab File: BP006146.D
Acq: 08 Jul 2021 18:43

Tgt Ion:252 Resp: 129162
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 17.7 6.0 9.0#

