

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006203.D
 Acq On : 13 Jul 2021 16:31
 Operator : CG/JU
 Sample : PB137642BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137642BL

Quant Time: Jul 14 01:23:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

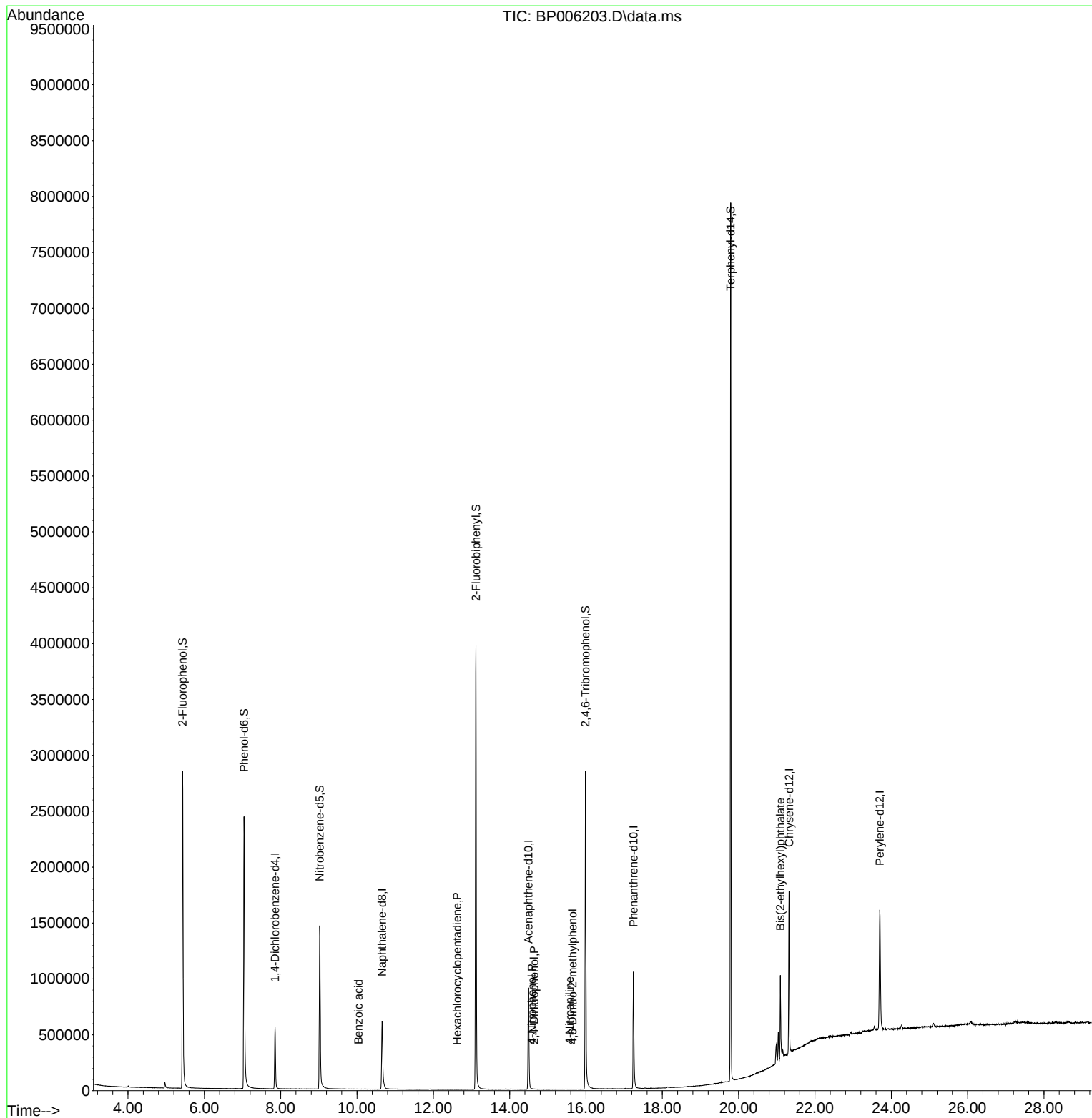
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	169096	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	670392	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	360768	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	707244	20.000	ng	# 0.00
76) Chrysene-d12	21.322	240	657841	20.000	ng	# 0.00
86) Perylene-d12	23.698	264	786239	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1483230	150.927	ng	-0.01
7) Phenol-d6	7.040	99	1745710	134.295	ng	0.00
23) Nitrobenzene-d5	9.022	82	979548	92.294	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	577566	134.469	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	2146884	87.974	ng	0.00
79) Terphenyl-d14	19.792	244	3217751	96.440	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.040	122	17	6.905	ng	# 1
41) Hexachlorocyclopentadiene	12.622	237	22	8.715	ng	76
54) 2,4-Dinitrophenol	14.640	184	18	8.885	ng	# 68
56) 4-Nitrophenol	14.587	139	38	7.132	ng	92
62) 4-Nitroaniline	15.575	138	17	2.961	ng	# 55
65) 4,6-Dinitro-2-methylph...	15.651	198	29	4.425	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.092	149	319725	9.822	ng	# 54

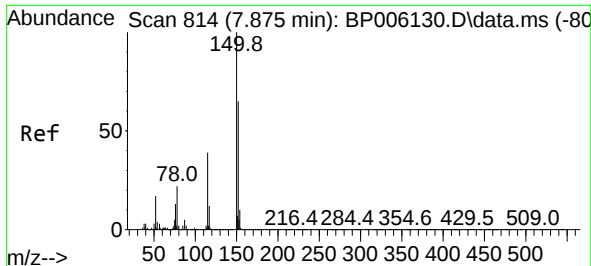
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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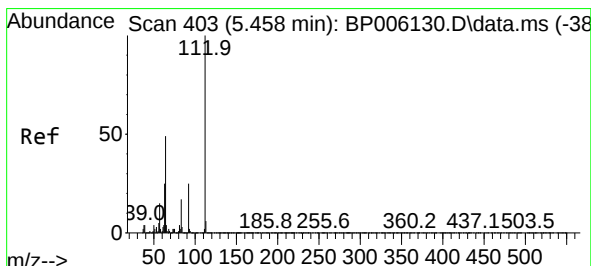
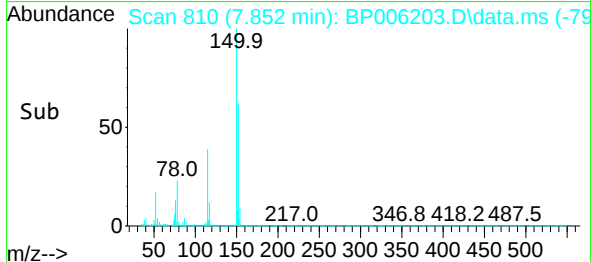
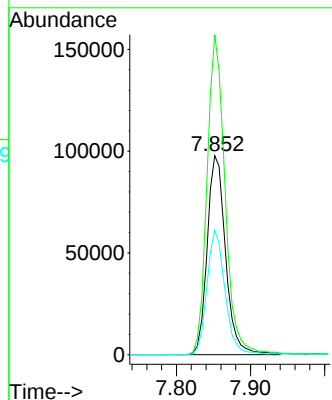
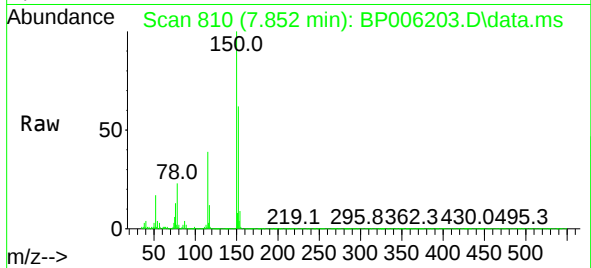




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

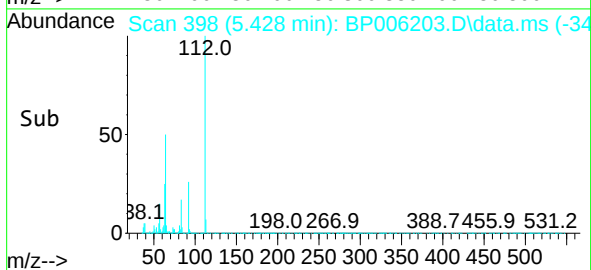
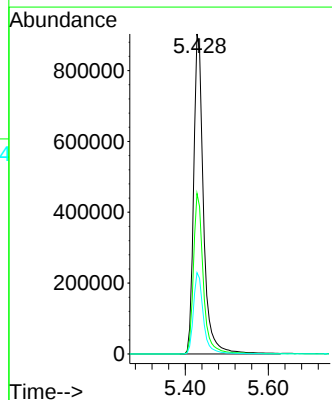
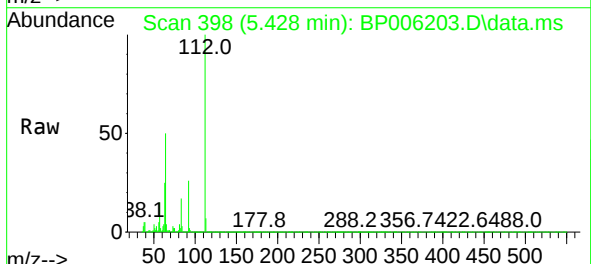
Instrument :
BNA_P
ClientSampleId :
PB137642BL

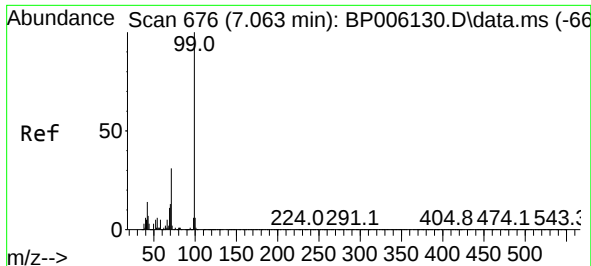
Tgt Ion:152 Resp: 169096
Ion Ratio Lower Upper
152 100
150 160.8 125.6 188.4
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 150.927 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.011 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion:112 Resp: 1483230
Ion Ratio Lower Upper
112 100
64 50.2 41.4 62.2
63 25.4 23.8 35.8

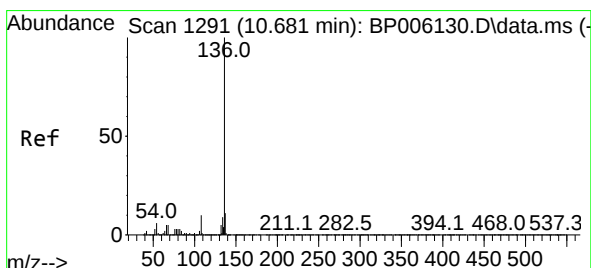
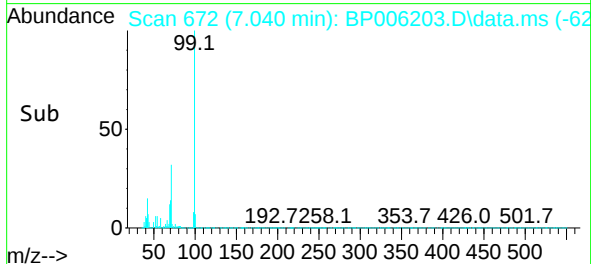
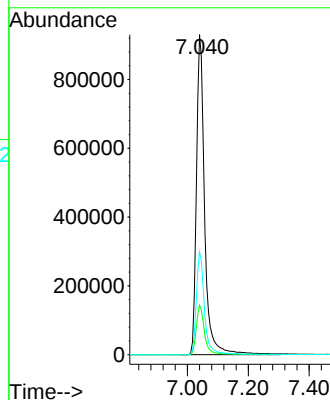
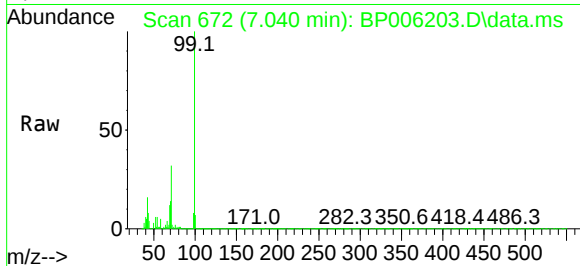




#7
Phenol-d6
Concen: 134.295 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.005 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

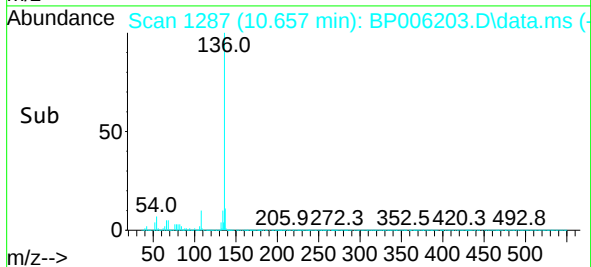
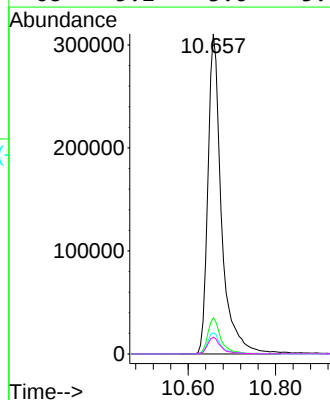
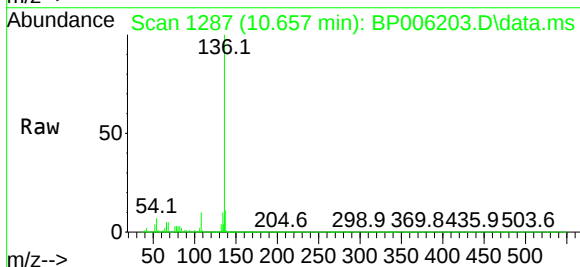
Instrument :
BNA_P
ClientSampleId :
PB137642BL

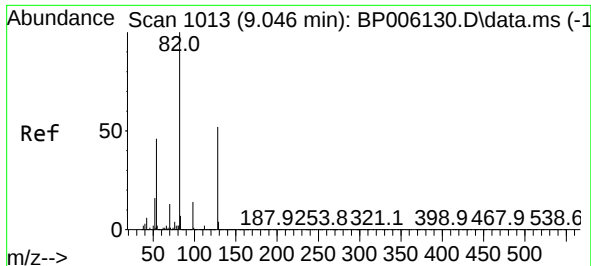
Tgt Ion: 99 Resp: 1745710
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.0
71 32.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion: 136 Resp: 670392
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.6 4.6 6.8
68 5.2 3.6 5.4

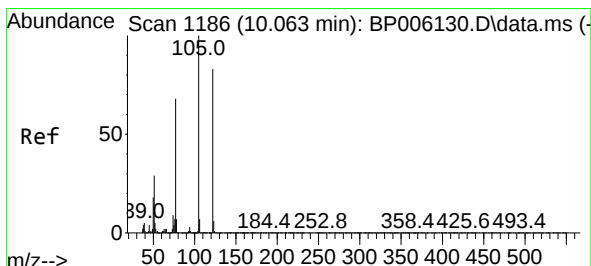
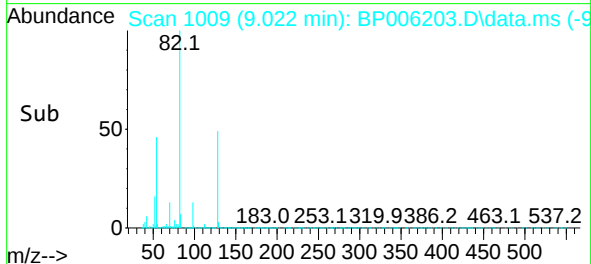
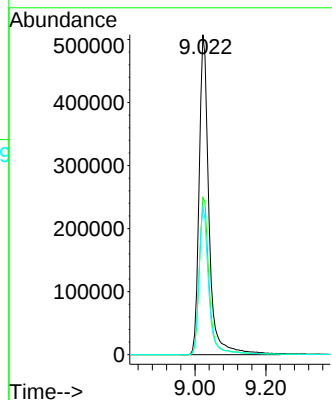
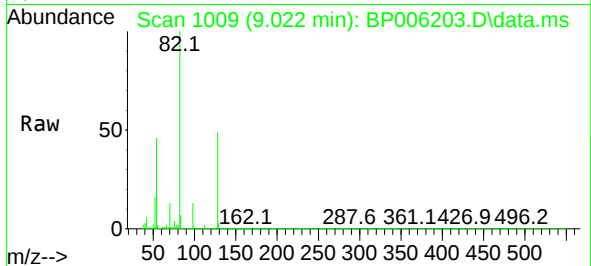




#23
Nitrobenzene-d5
Concen: 92.294 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

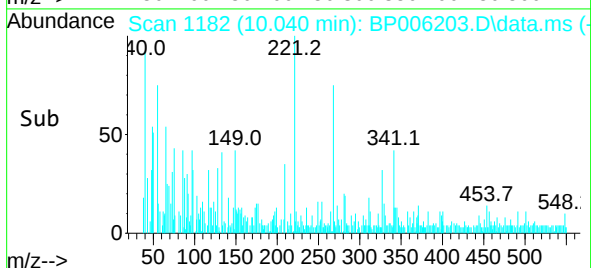
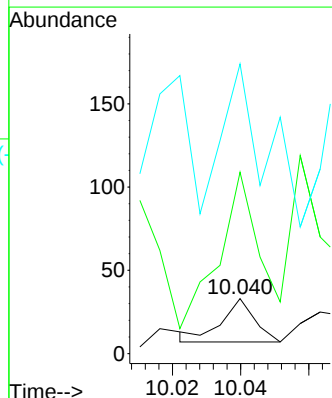
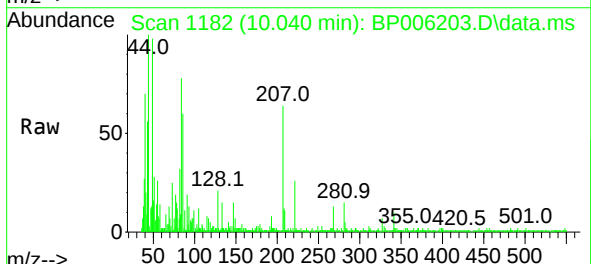
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BNA_P
ClientSampleId :
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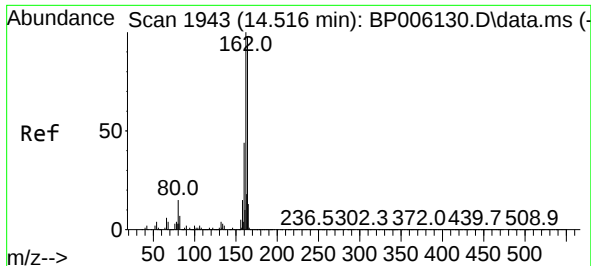
Tgt Ion: 82 Resp: 979548
Ion Ratio Lower Upper
82 100
128 49.1 35.7 53.5
54 46.0 35.0 52.4



#32
Benzoic acid
Concen: 6.905 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.023 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion:122 Resp: 17
Ion Ratio Lower Upper
122 100
105 330.3 103.2 143.2#
77 527.3 76.2 116.2#

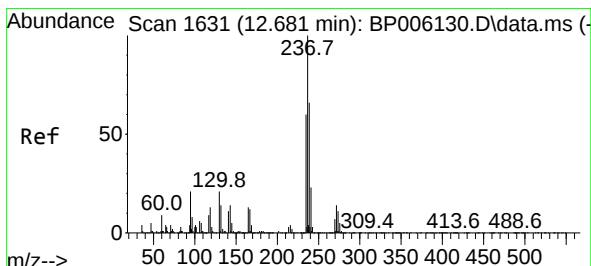
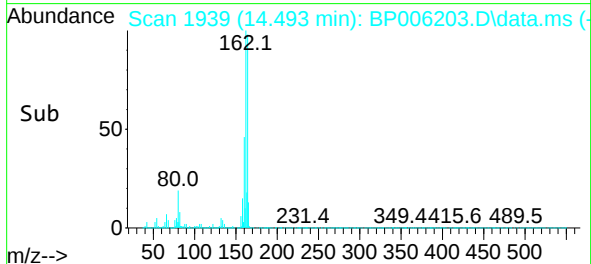
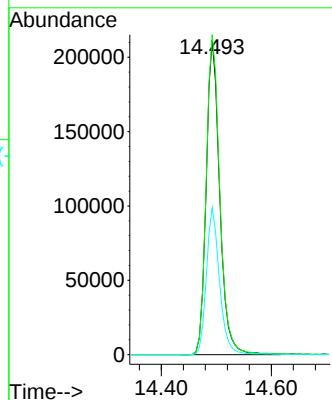
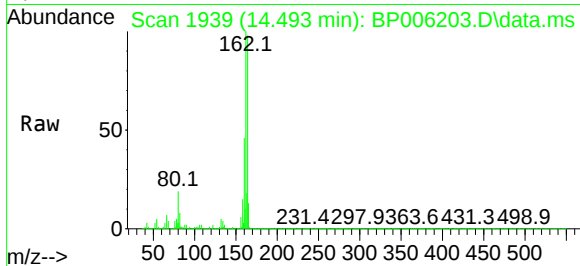




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

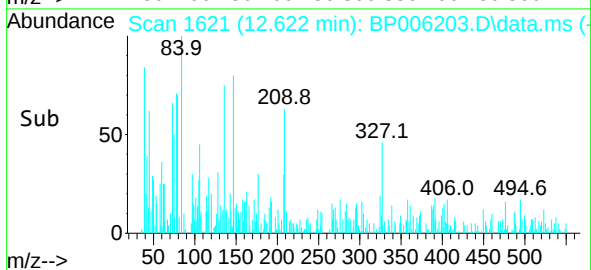
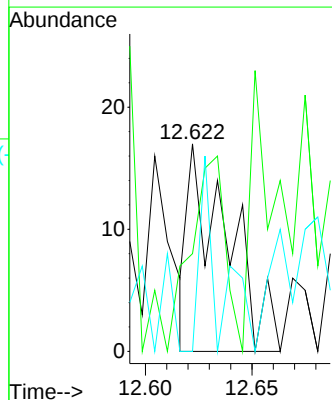
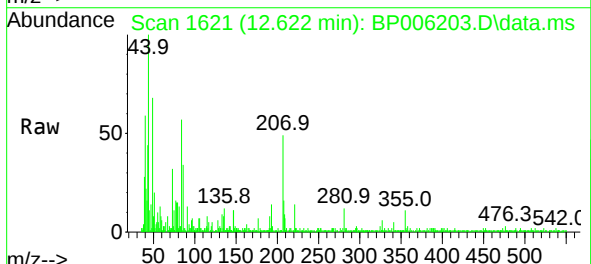
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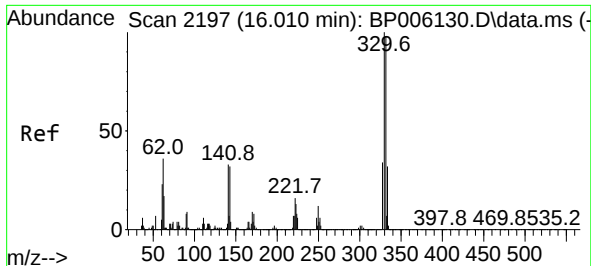
Tgt Ion:164 Resp: 360768
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 46.8 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.715 ng
RT: 12.622 min Scan# 1621
Delta R.T. -0.047 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 47.1 44.5 84.5
272 0.0 0.0 32.5

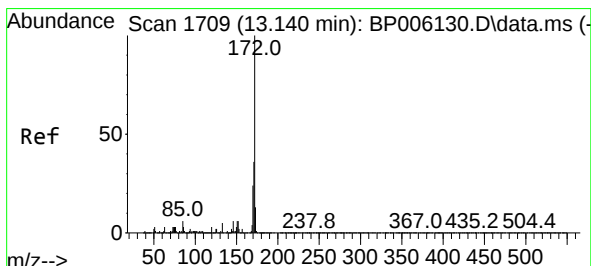
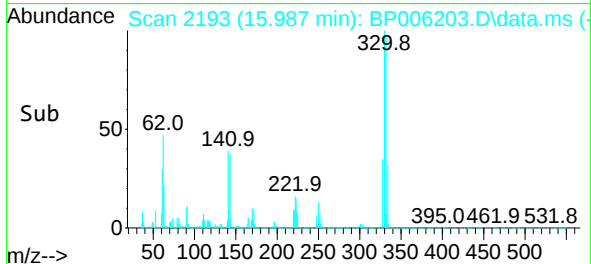
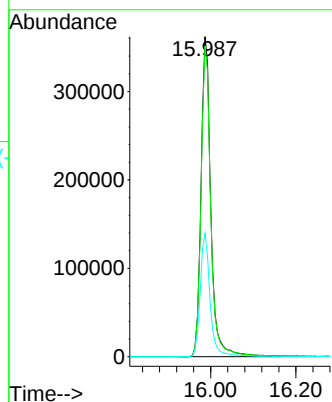
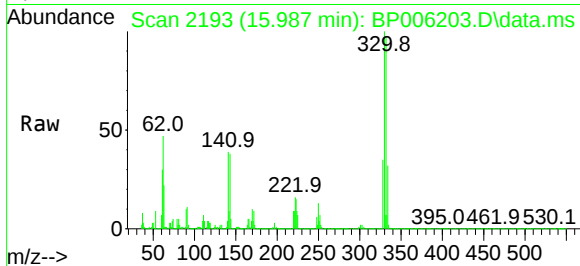




#42
2,4,6-Tribromophenol
Concen: 134.469 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

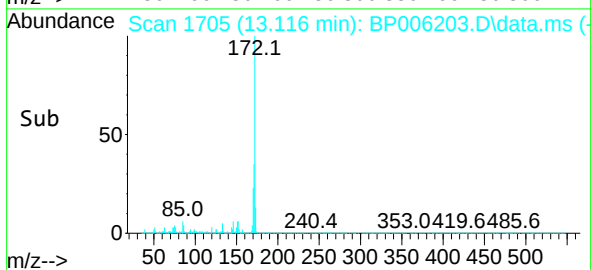
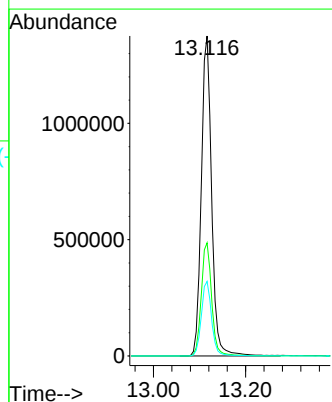
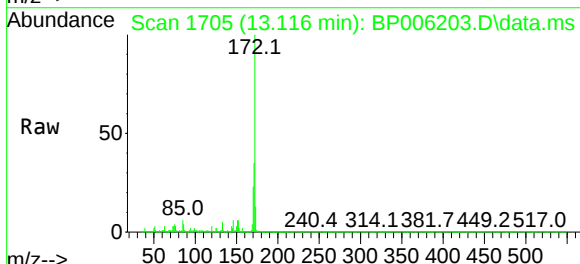
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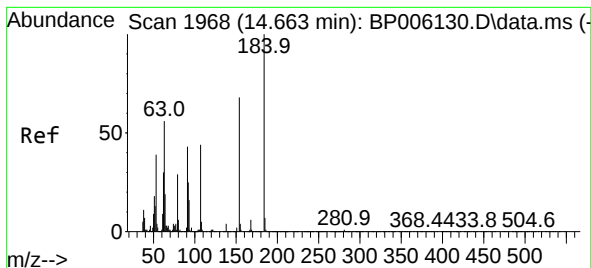
Tgt Ion:330 Resp: 577566
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 39.0 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 87.974 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion:172 Resp: 2146884
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8

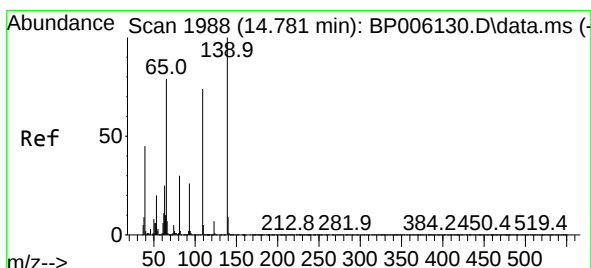
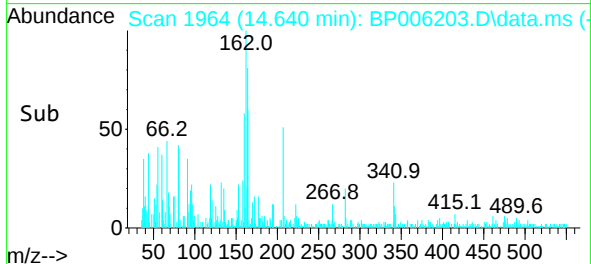
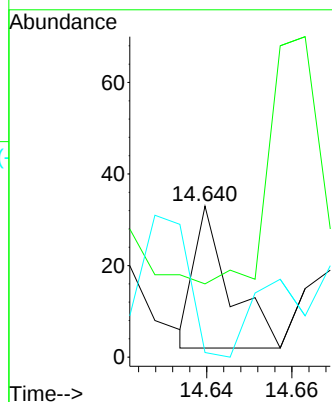
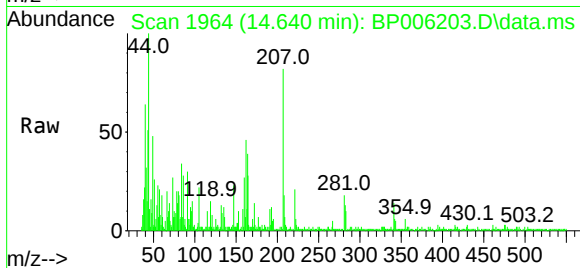




#54
2,4-Dinitrophenol
Concen: 8.885 ng
RT: 14.640 min Scan# 1964
Delta R.T. -0.017 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

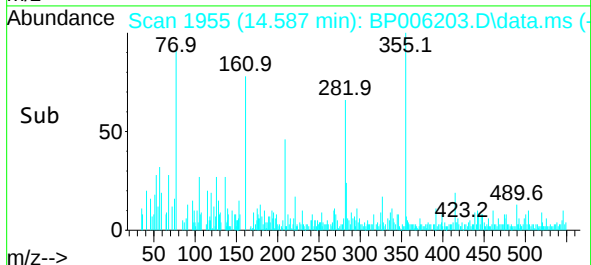
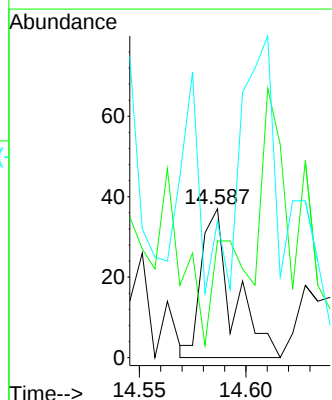
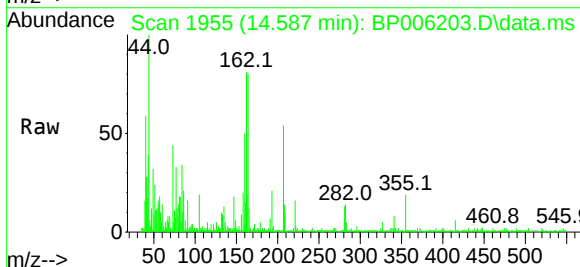
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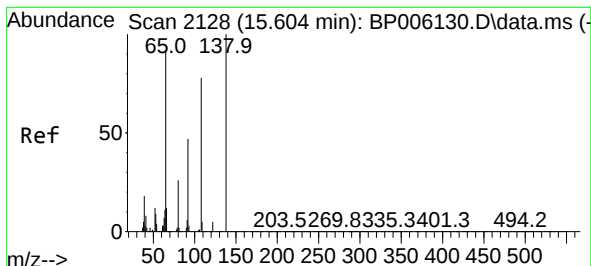
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 48.5 47.0 70.6
154 27.3 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.132 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.182 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion:139 Resp: 38
Ion Ratio Lower Upper
139 100
109 78.4 72.3 112.3
65 91.9 72.5 112.5

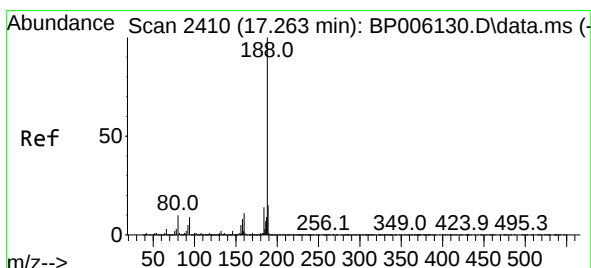
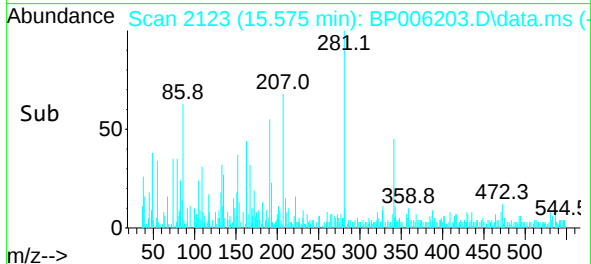
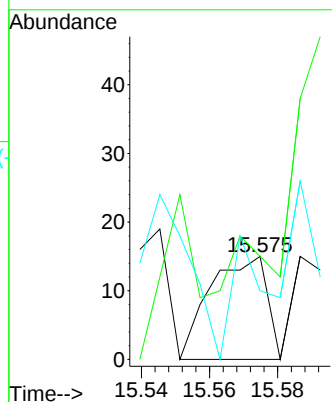
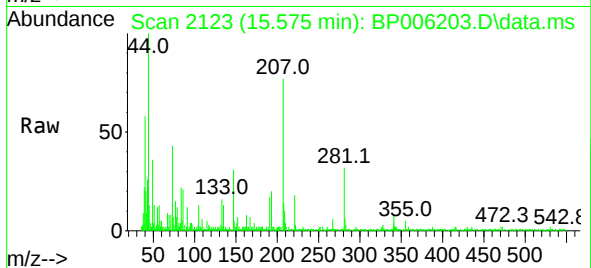




#62
4-Nitroaniline
Concen: 2.961 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.017 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

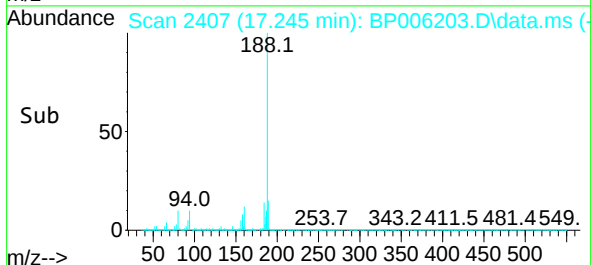
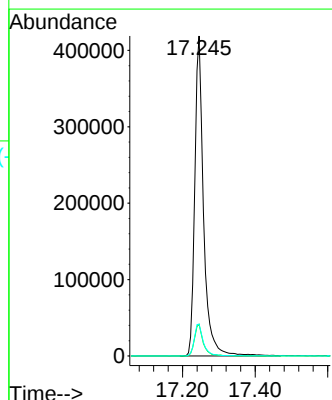
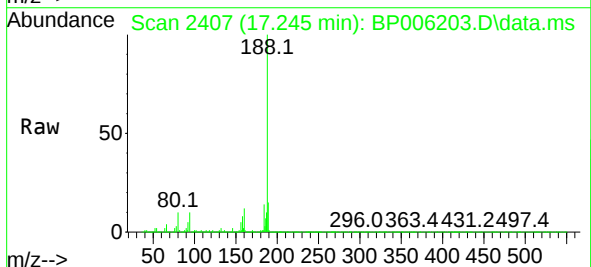
Instrument :
BNA_P
ClientSampleId :
PB137642BL

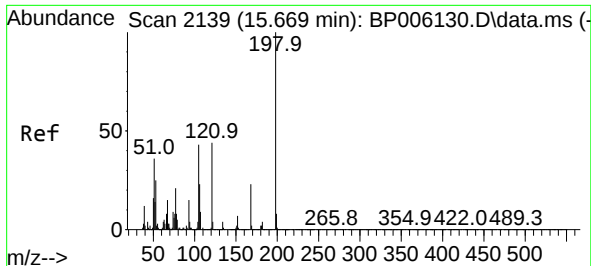
Tgt Ion:138 Resp: 17
Ion Ratio Lower Upper
138 100
92 100.0 31.2 71.2#
108 66.7 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion:188 Resp: 707244
Ion Ratio Lower Upper
188 100
94 9.9 5.6 8.4#
80 9.9 6.3 9.5#

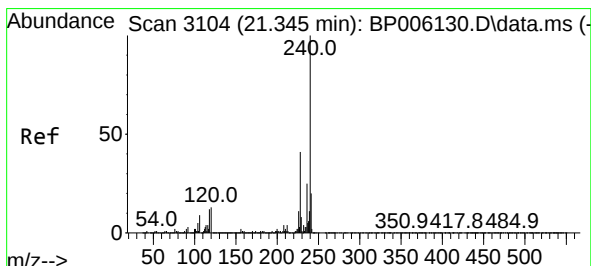
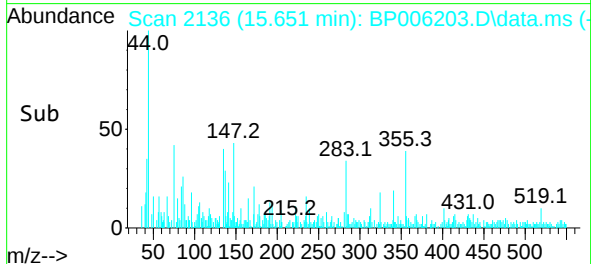
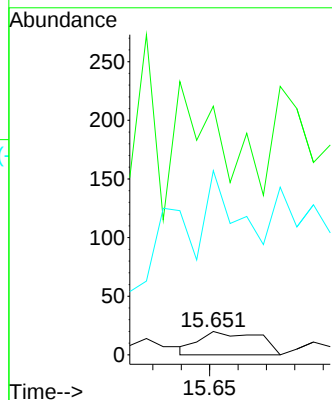
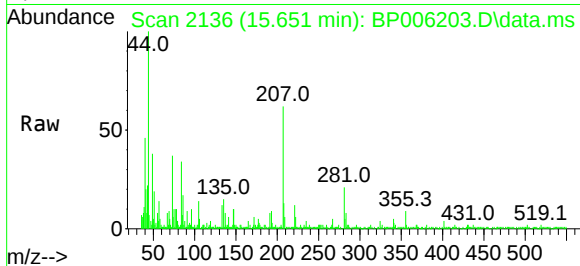




#65
4,6-Dinitro-2-methylphenol
Concen: 4.425 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

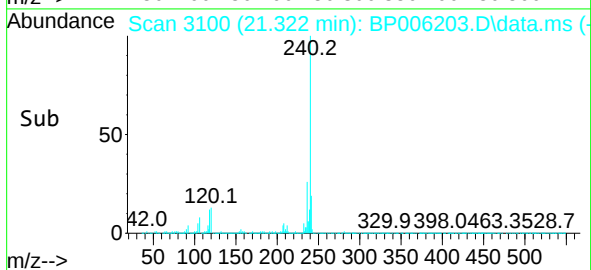
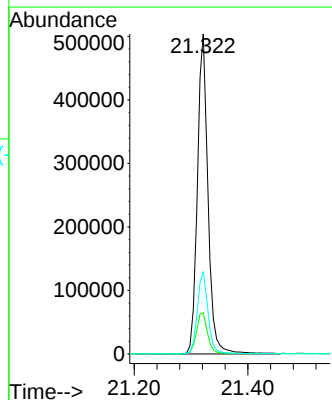
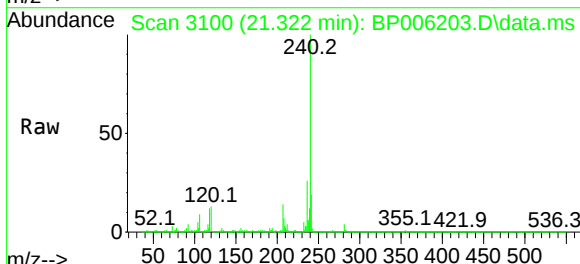
Instrument :
BNA_P
ClientSampleId :
PB137642BL

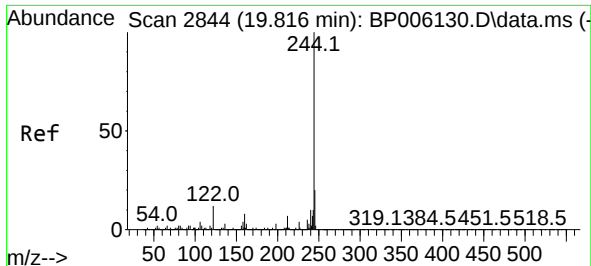
Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 1060.0 14.0 54.0#
105 785.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.005 min
Lab File: BP006203.D
Acq: 13 Jul 2021 16:31

Tgt Ion:240 Resp: 657841
Ion Ratio Lower Upper
240 100
120 12.8 6.5 9.7#
236 25.6 20.6 31.0

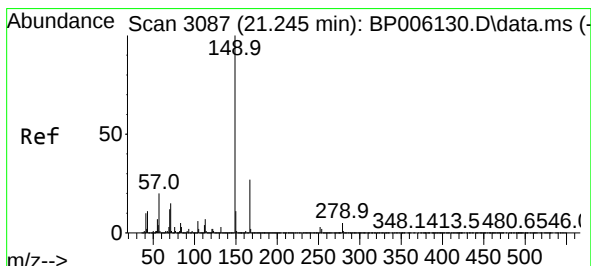
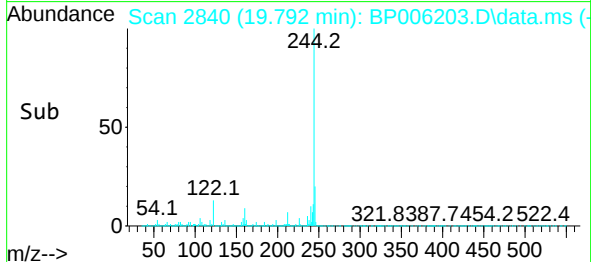
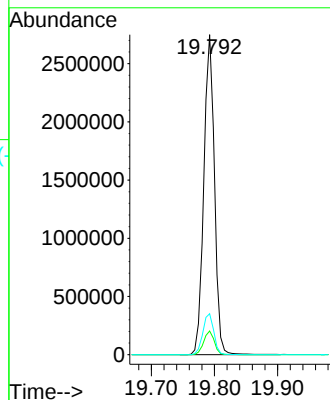
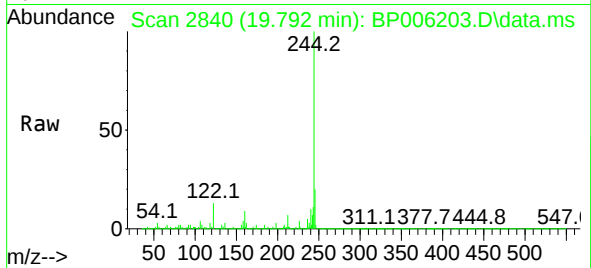




#79
 Terphenyl-d14
 Concen: 96.440 ng
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.011 min
 Lab File: BP006203.D
 Acq: 13 Jul 2021 16:31

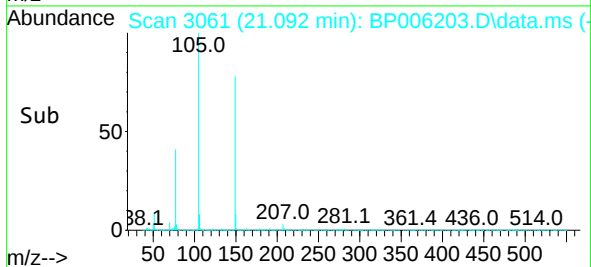
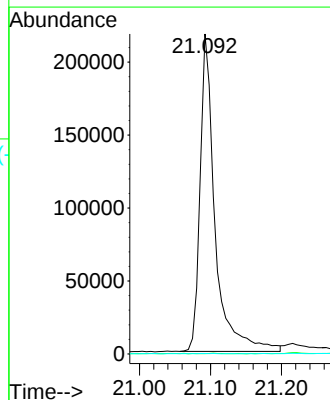
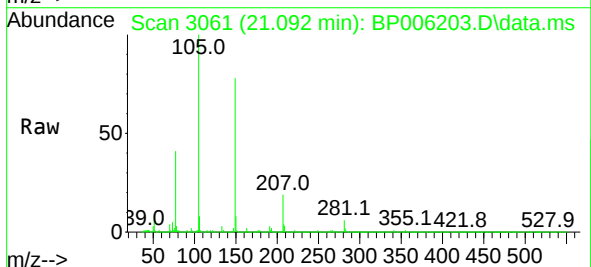
Instrument :
 BNA_P
 ClientSampleId :
 PB137642BL

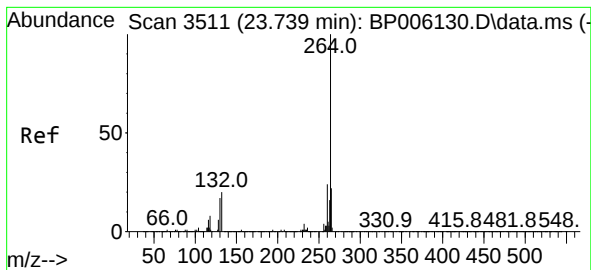
Tgt Ion:244 Resp: 3217751
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.8 7.1 10.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.822 ng
 RT: 21.092 min Scan# 3061
 Delta R.T. -0.135 min
 Lab File: BP006203.D
 Acq: 13 Jul 2021 16:31

Tgt Ion:149 Resp: 319725
 Ion Ratio Lower Upper
 149 100
 167 0.1 21.9 32.9#
 279 0.1 4.3 6.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3504
 Delta R.T. -0.017 min
 Lab File: BP006203.D
 Acq: 13 Jul 2021 16:31

Instrument :
 BNA_P
 ClientSampleId :
 PB137642BL

Tgt Ion:264 Resp: 786239
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.5 17.6 26.4

