

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006202.D
 Acq On : 13 Jul 2021 15:57
 Operator : CG/JU
 Sample : PB137646BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137646BL

Quant Time: Jul 13 16:29:00 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)

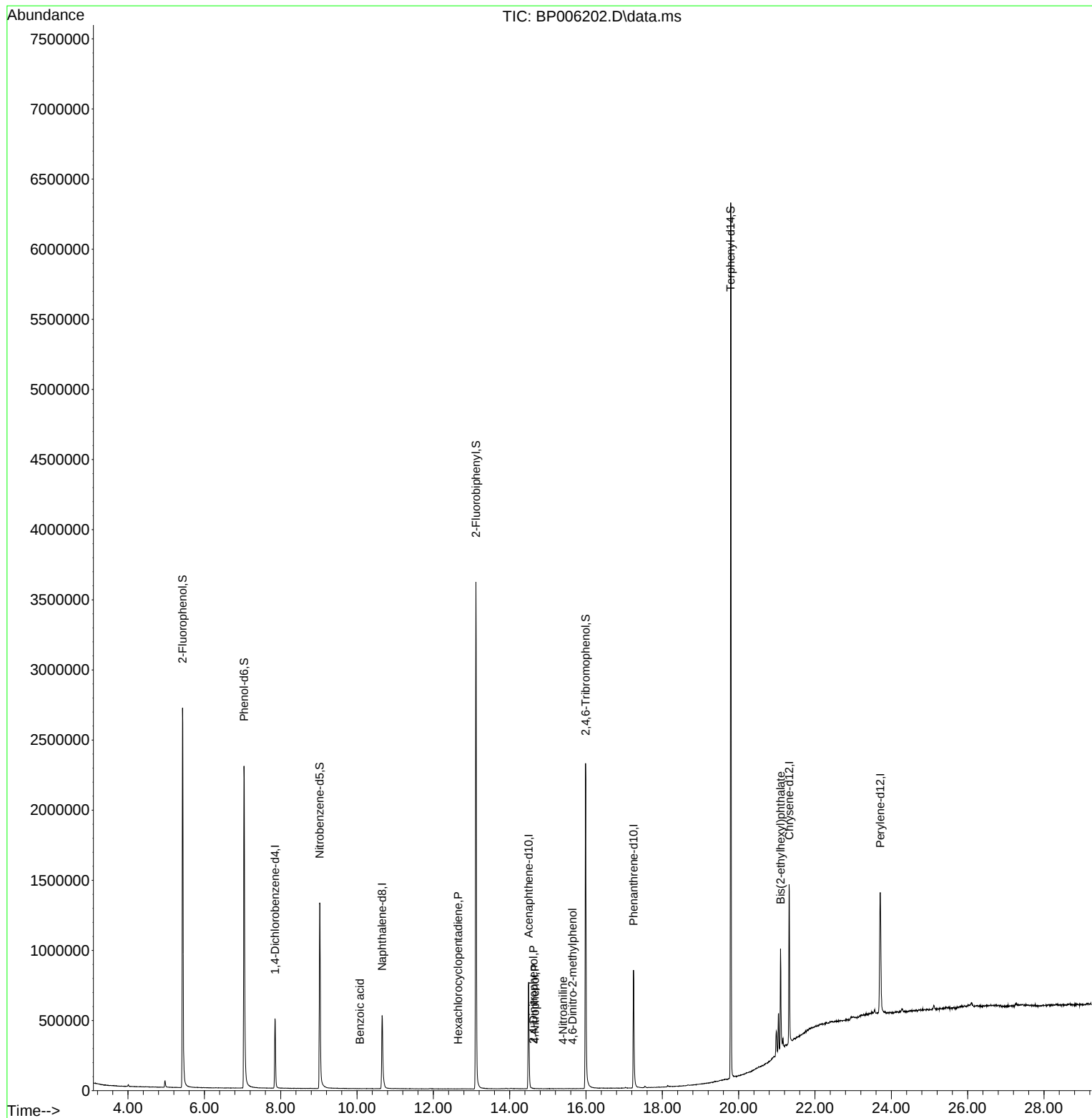
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	152903	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	597568	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	308371	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	585750	20.000	ng	# 0.00
76) Chrysene-d12	21.321	240	545818	20.000	ng	# 0.00
86) Perylene-d12	23.710	264	688382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1407965	158.441	ng	-0.01
7) Phenol-d6	7.040	99	1647953	140.200	ng	0.00
23) Nitrobenzene-d5	9.022	82	900028	95.136	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	492582	134.169	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1947108	93.345	ng	0.00
79) Terphenyl-d14	19.792	244	2626352	94.870	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.075	122	25	6.906	ng	# 1
41) Hexachlorocyclopentadiene	12.651	237	8	8.704	ng	86
54) 2,4-Dinitrophenol	14.622	184	30	8.890	ng	97
56) 4-Nitrophenol	14.663	139	19	7.129	ng	91
62) 4-Nitroaniline	15.398	138	7	2.960	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	35	4.427	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.098	149	347410	12.862	ng	# 54

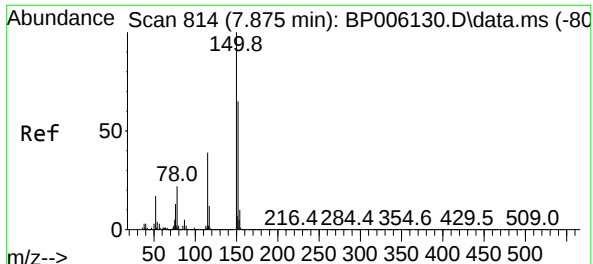
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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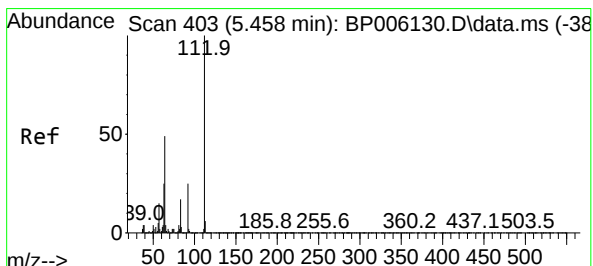
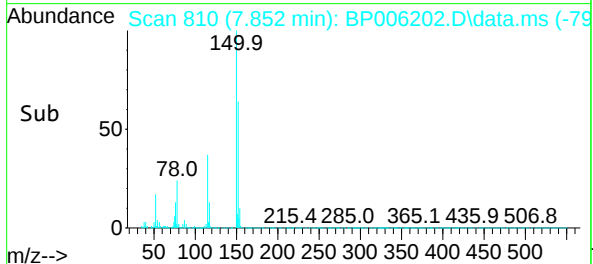
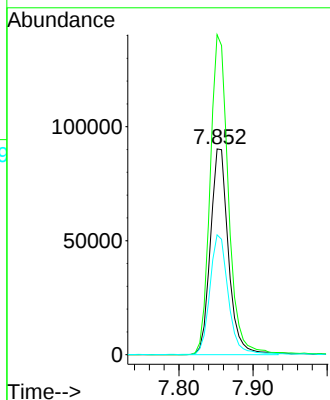
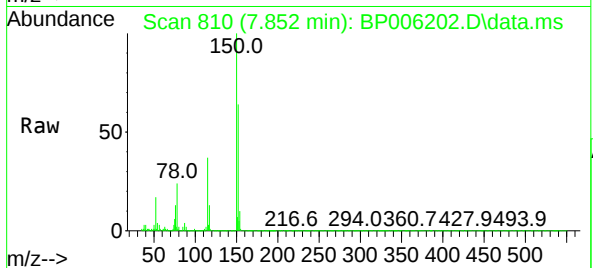




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

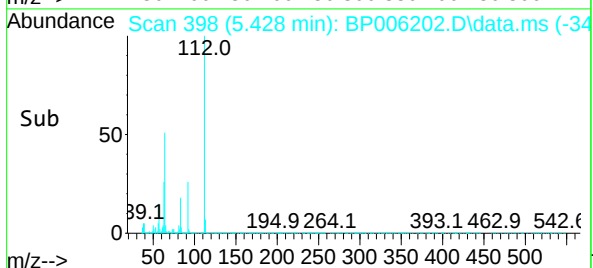
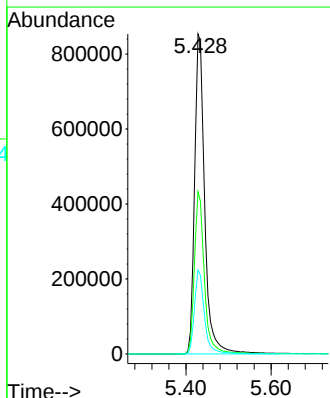
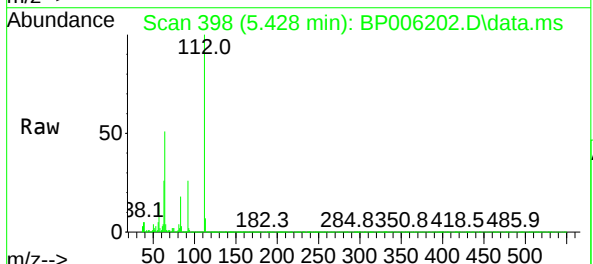
Instrument :
BNA_P
ClientSampleId :
PB137646BL

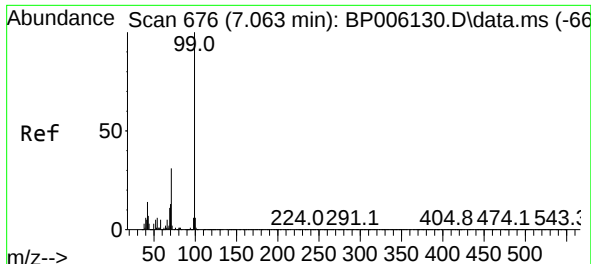
Tgt Ion:152 Resp: 152903
Ion Ratio Lower Upper
152 100
150 155.5 125.6 188.4
115 58.2 48.5 72.7



#5
2-Fluorophenol
Concen: 158.441 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.012 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion:112 Resp: 1407965
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 26.2 23.8 35.8

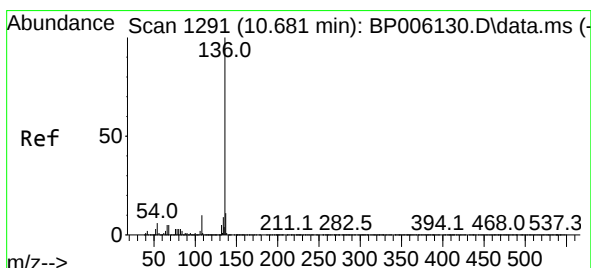
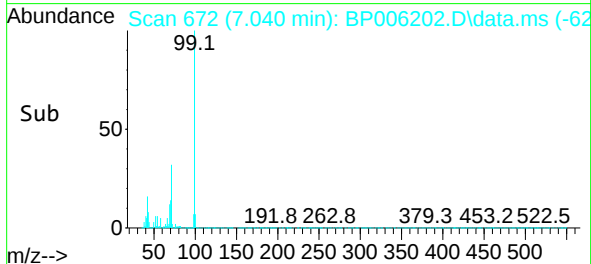
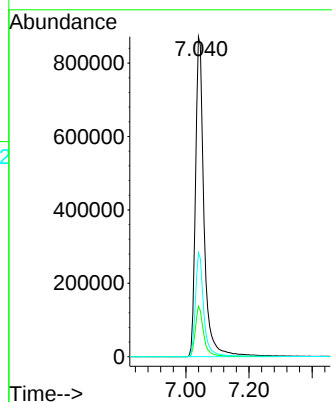
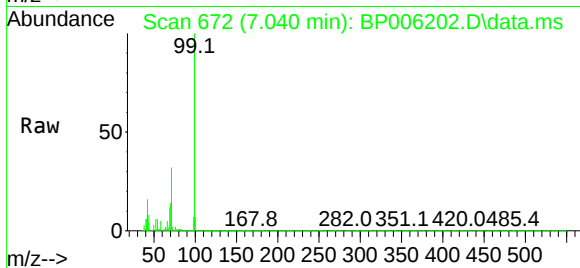




#7
Phenol-d6
Concen: 140.200 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

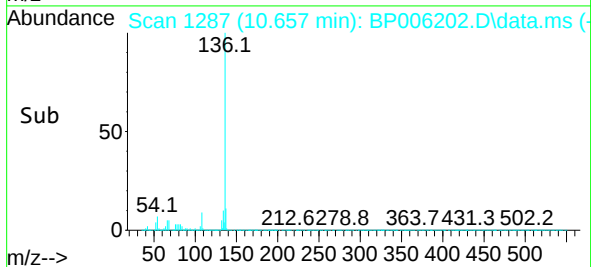
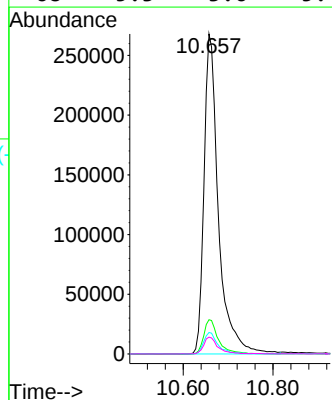
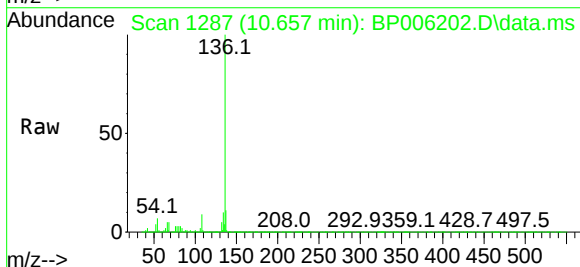
Instrument :
BNA_P
ClientSampleId :
PB137646BL

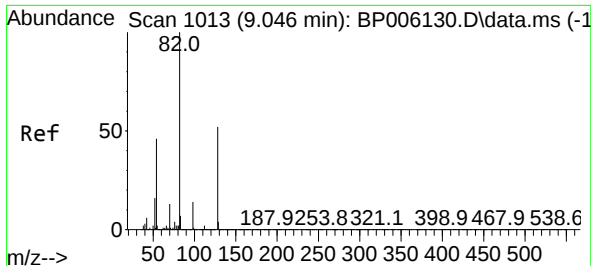
Tgt Ion: 99 Resp: 1647953
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.0
71 32.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion: 136 Resp: 597568
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.7 4.6 6.8
68 5.3 3.6 5.4

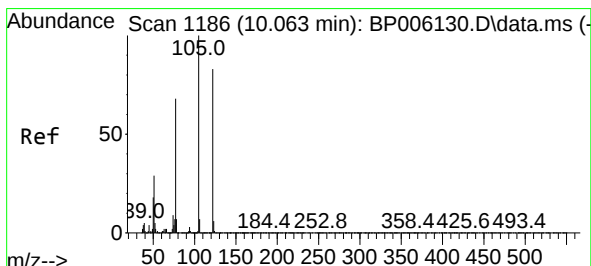
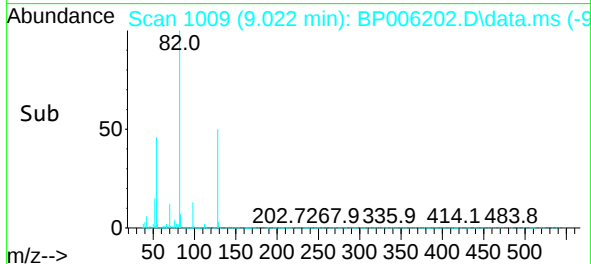
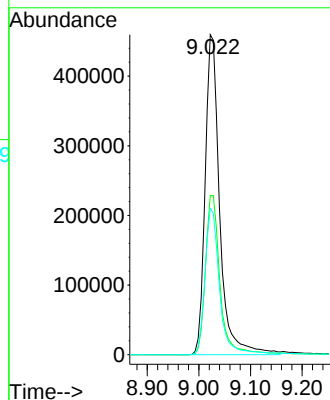
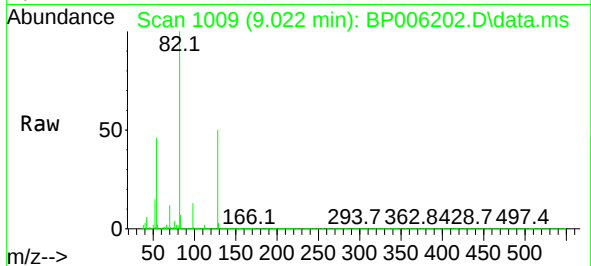




#23
Nitrobenzene-d5
Concen: 95.136 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

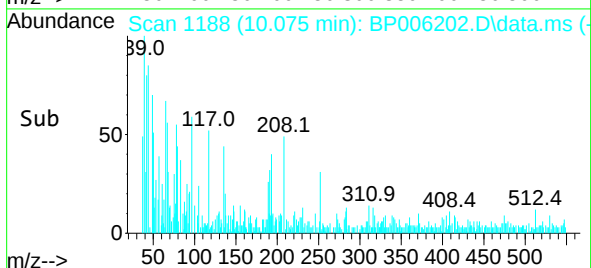
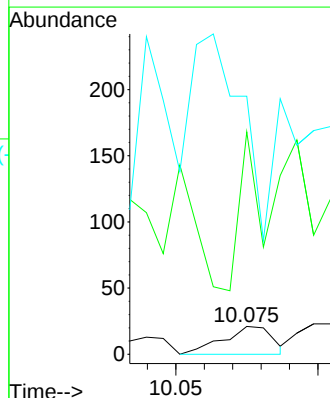
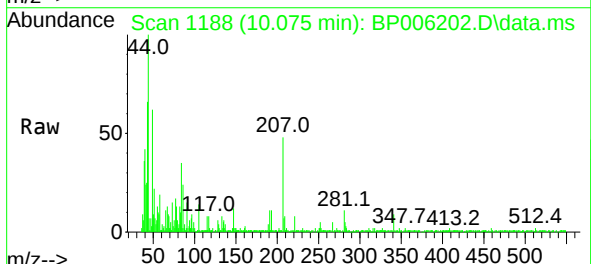
Instrument :
BNA_P
ClientSampleId :
PB137646BL

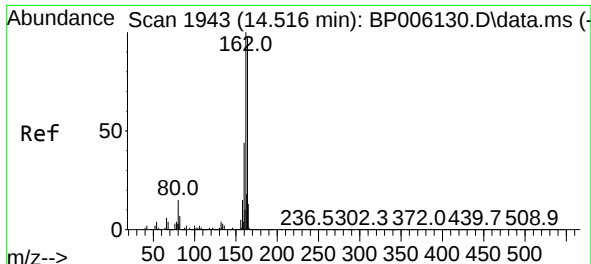
Tgt Ion: 82 Resp: 900028
Ion Ratio Lower Upper
82 100
128 49.8 35.7 53.5
54 45.7 35.0 52.4



#32
Benzoic acid
Concen: 6.906 ng
RT: 10.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion:122 Resp: 25
Ion Ratio Lower Upper
122 100
105 800.0 103.2 143.2#
77 928.6 76.2 116.2#

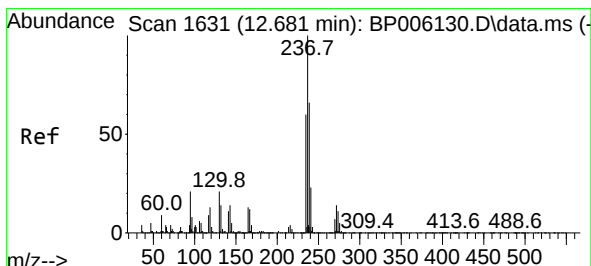
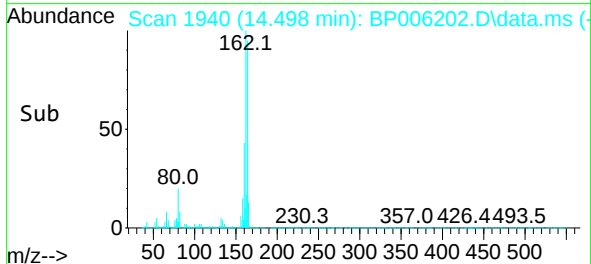
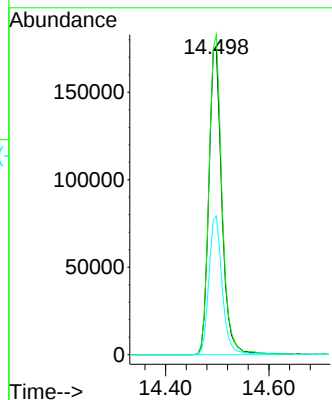
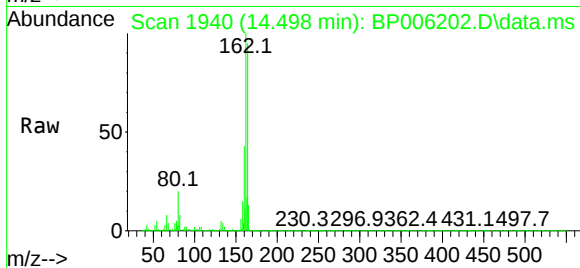




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

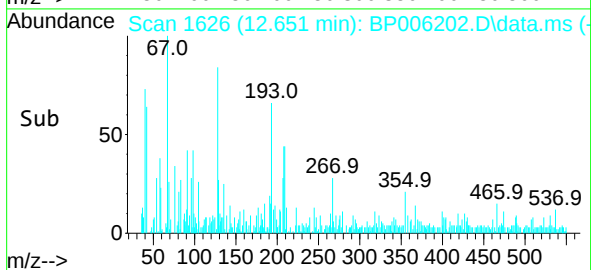
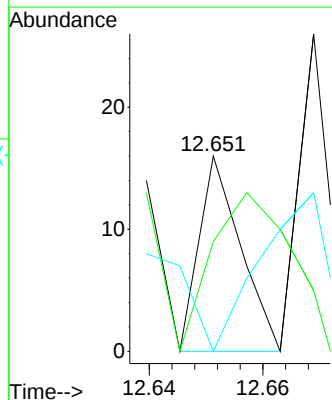
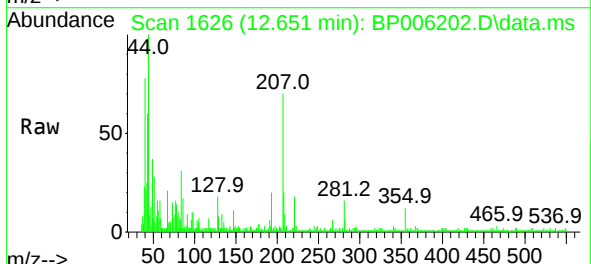
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ClientSampleId :
PB137646BL

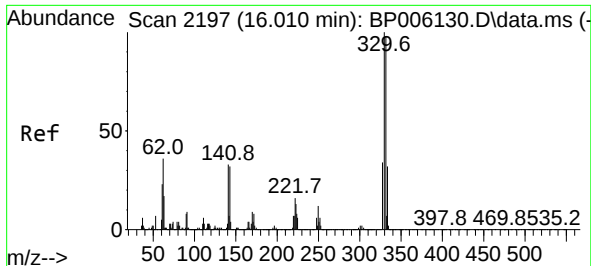
Tgt Ion:164 Resp: 308371
Ion Ratio Lower Upper
164 100
162 105.0 80.2 120.2
160 45.5 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.704 ng
RT: 12.651 min Scan# 1626
Delta R.T. -0.017 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 56.3 44.5 84.5
272 0.0 0.0 32.5

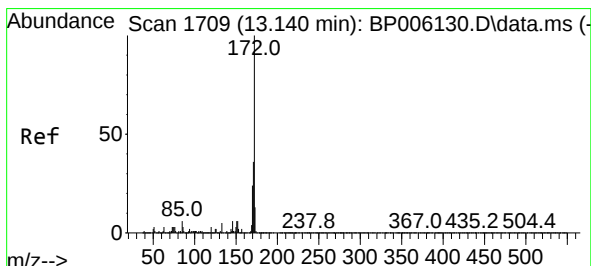
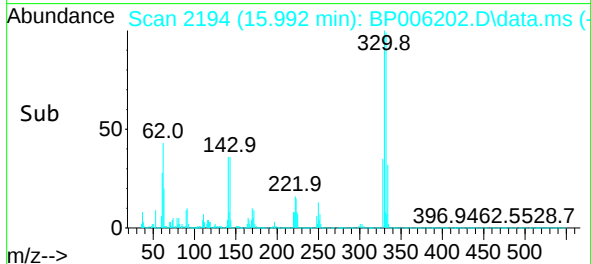
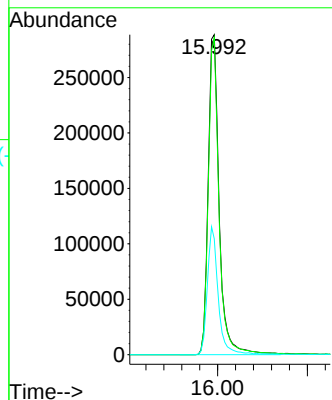
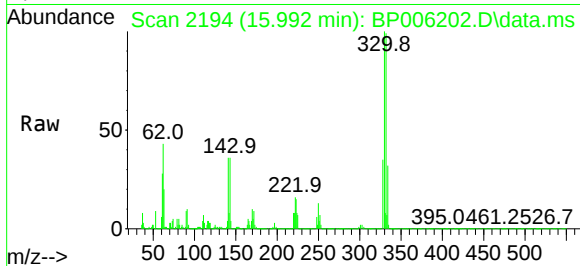




#42
2,4,6-Tribromophenol
Concen: 134.169 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

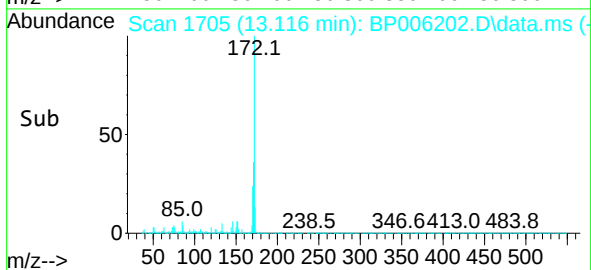
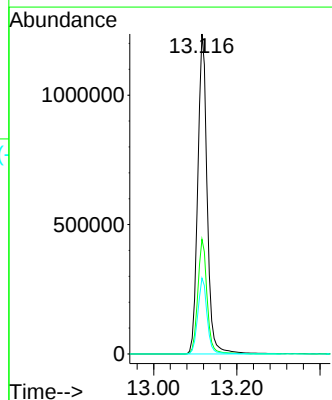
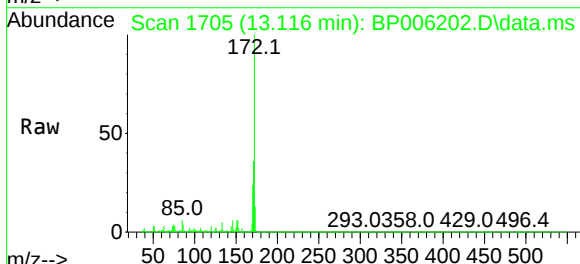
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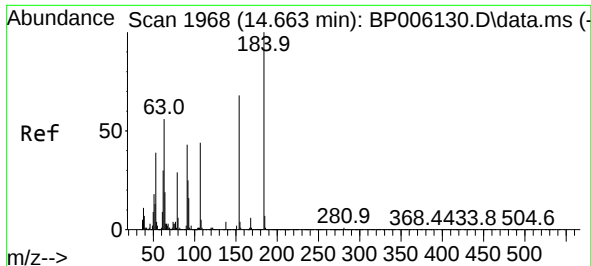
Tgt Ion:330 Resp: 492582
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 39.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 93.345 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion:172 Resp: 1947108
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 18.6 27.8

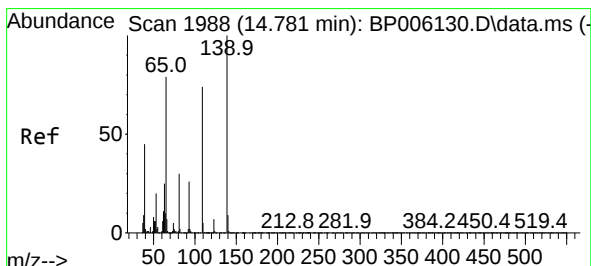
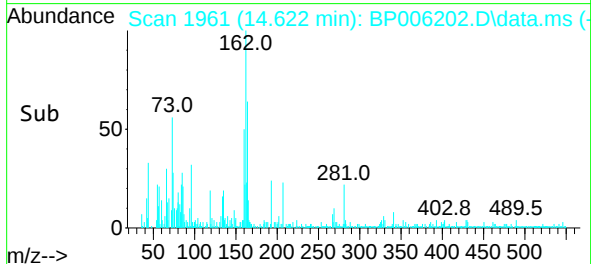
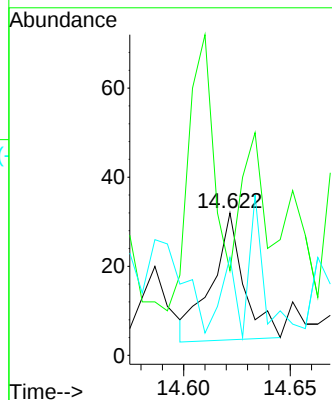
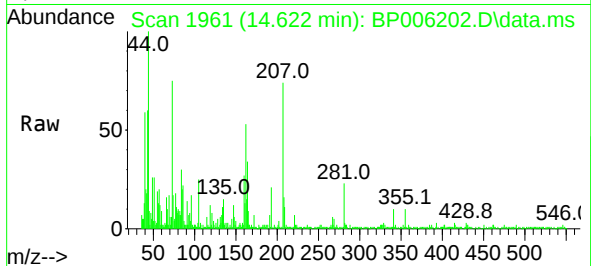




#54
2,4-Dinitrophenol
Concen: 8.890 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.035 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

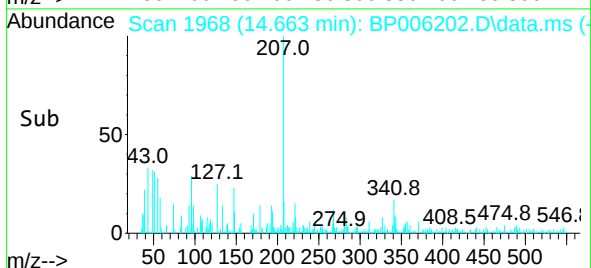
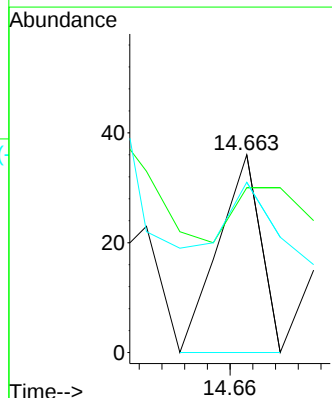
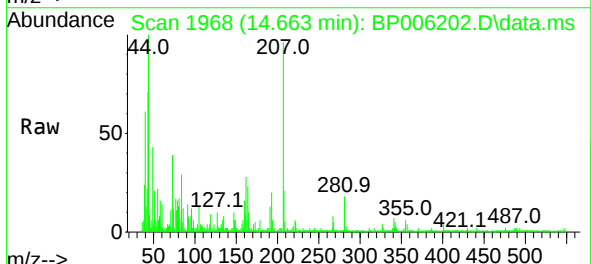
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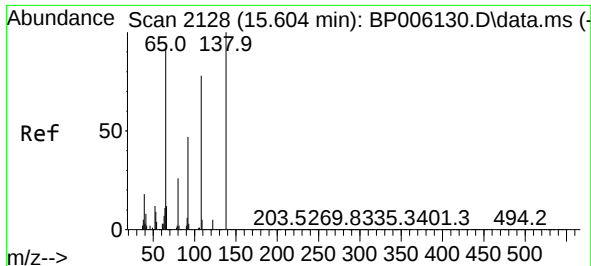
Tgt Ion:184	Resp:	30
Ion Ratio	Lower	Upper
184	100	
63	59.4	47.0 70.6
154	68.8	52.3 78.5



#56
4-Nitrophenol
Concen: 7.129 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.106 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion:139	Resp:	19
Ion Ratio	Lower	Upper
139	100	
109	102.8	72.3 112.3
65	86.1	72.5 112.5

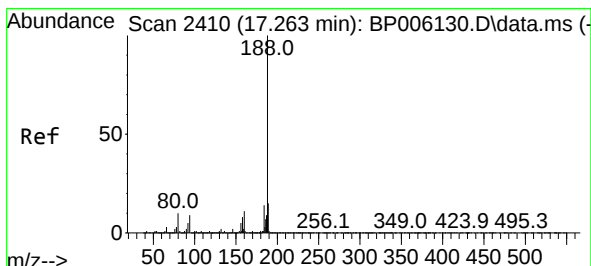
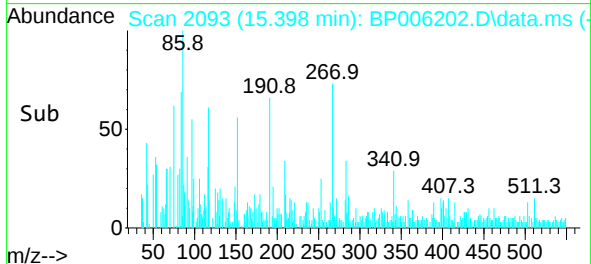
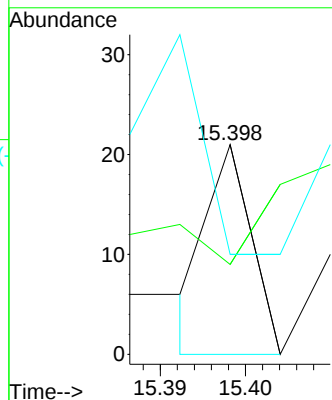
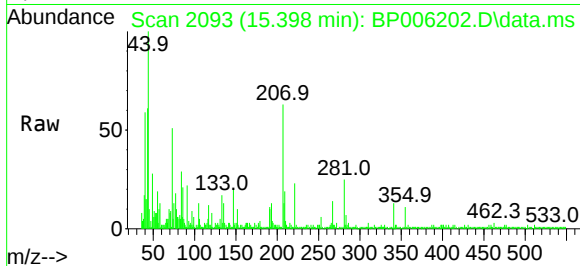




#62
4-Nitroaniline
Concen: 2.960 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.194 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

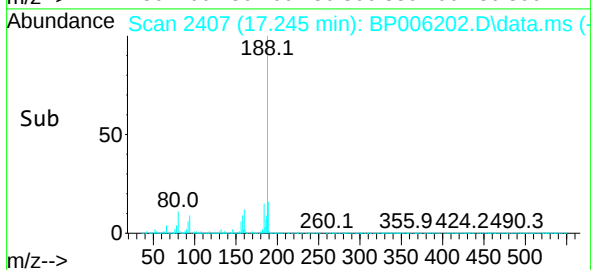
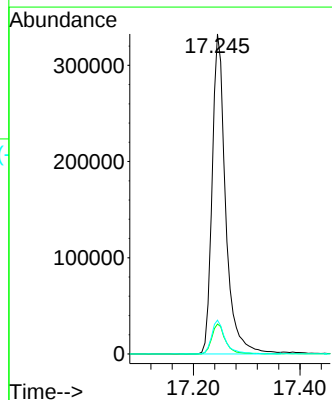
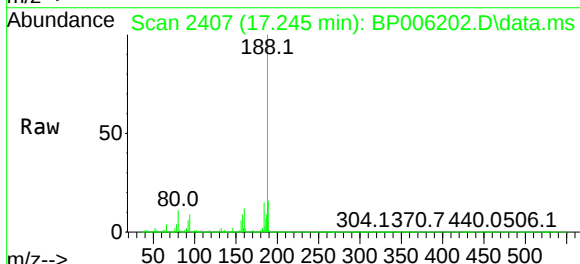
Instrument :
BNA_P
ClientSampled :
PB137646BL

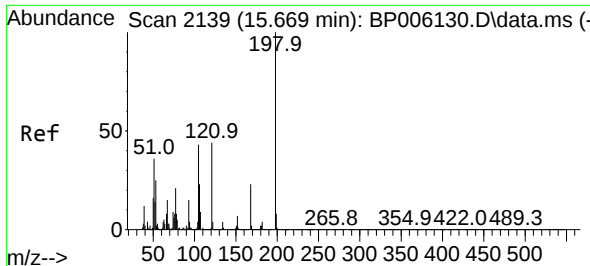
Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
92 42.9 31.2 71.2
108 95.2 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion:188 Resp: 585750
Ion Ratio Lower Upper
188 100
94 9.4 5.6 8.4#
80 10.5 6.3 9.5#

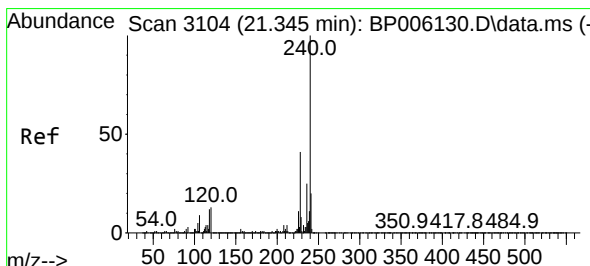
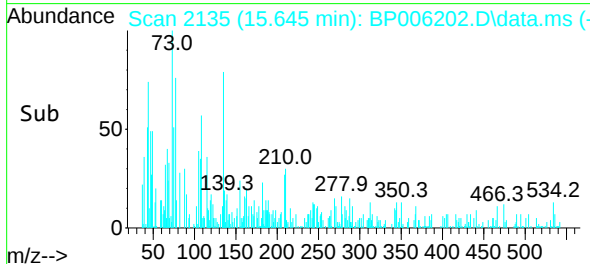
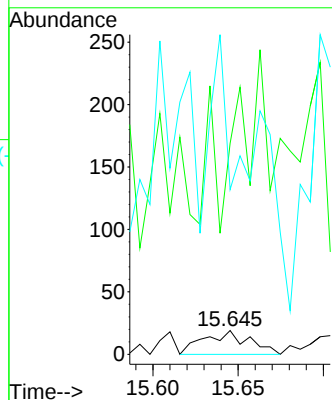
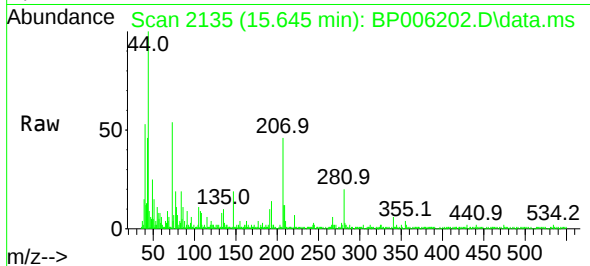




#65
4,6-Dinitro-2-methylphenol
Concen: 4.427 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

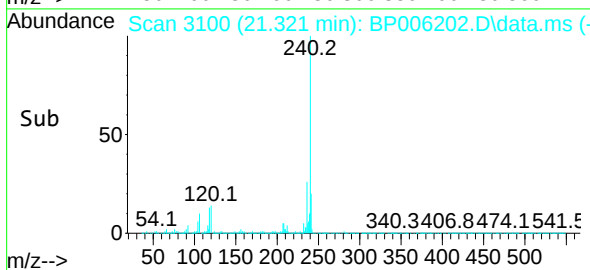
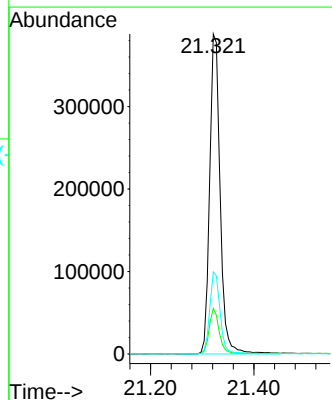
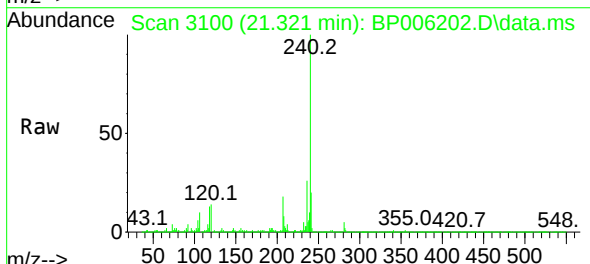
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ClientSampleId :
PB137646BL

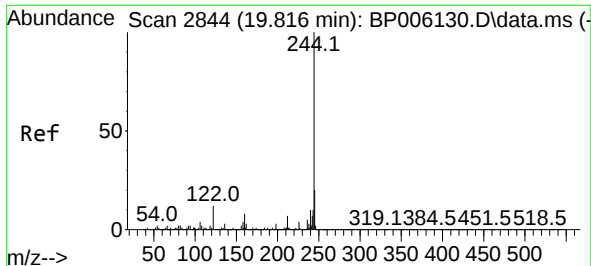
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 889.5 14.0 54.0#
105 731.6 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP006202.D
Acq: 13 Jul 2021 15:57

Tgt Ion:240 Resp: 545818
Ion Ratio Lower Upper
240 100
120 14.2 6.5 9.7#
236 25.7 20.6 31.0

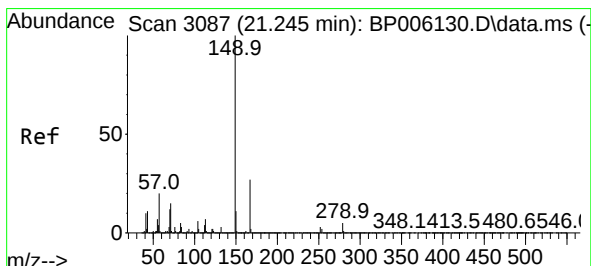
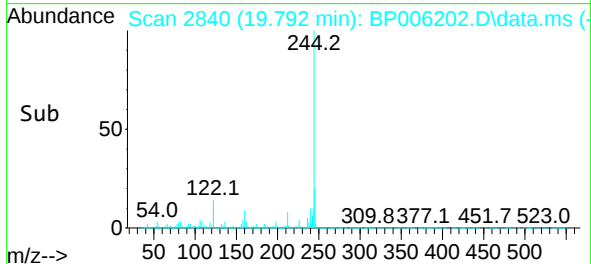
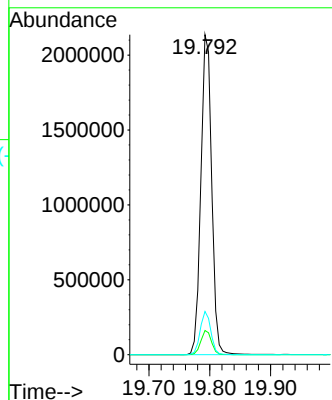
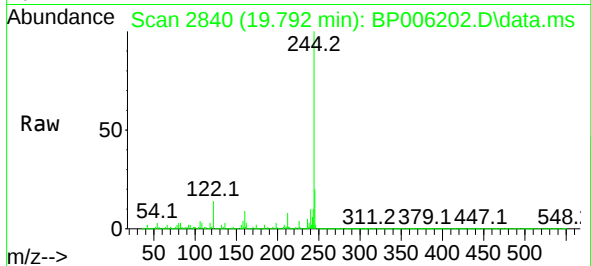




#79
 Terphenyl-d14
 Concen: 94.870 ng
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.012 min
 Lab File: BP006202.D
 Acq: 13 Jul 2021 15:57

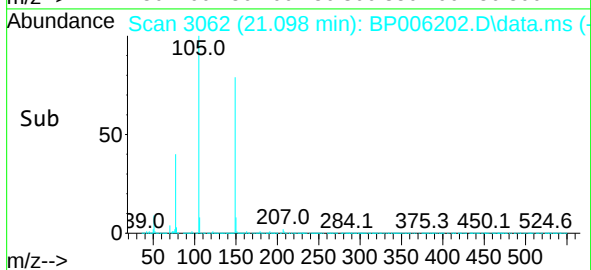
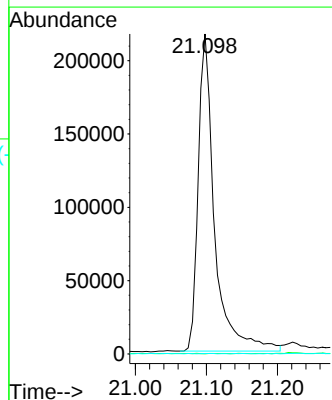
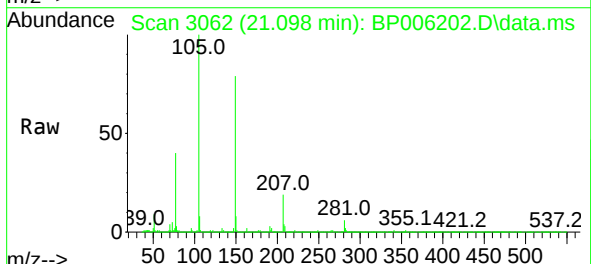
Instrument :
 BNA_P
 ClientSampleId :
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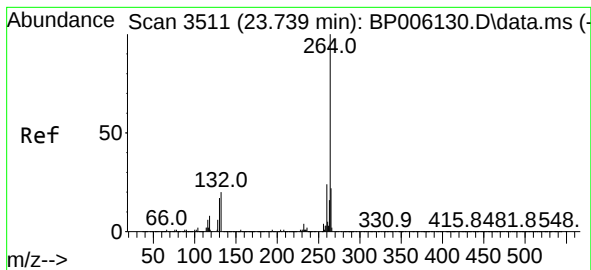
Tgt Ion:244 Resp: 2626352
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.5 7.1 10.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.862 ng
 RT: 21.098 min Scan# 3062
 Delta R.T. -0.129 min
 Lab File: BP006202.D
 Acq: 13 Jul 2021 15:57

Tgt Ion:149 Resp: 347410
 Ion Ratio Lower Upper
 149 100
 167 0.1 21.9 32.9#
 279 0.2 4.3 6.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.710 min Scan# 3506
 Delta R.T. -0.006 min
 Lab File: BP006202.D
 Acq: 13 Jul 2021 15:57

Instrument :
 BNA_P
 ClientSampleId :
 PB137646BL

Tgt Ion:264 Resp: 688382
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.5 17.6 26.4

