

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
 Data File : BP006185.D
 Acq On : 12 Jul 2021 17:22
 Operator : CG/JU
 Sample : M3004-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EFF-WW

Quant Time: Jul 12 18:49:08 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)

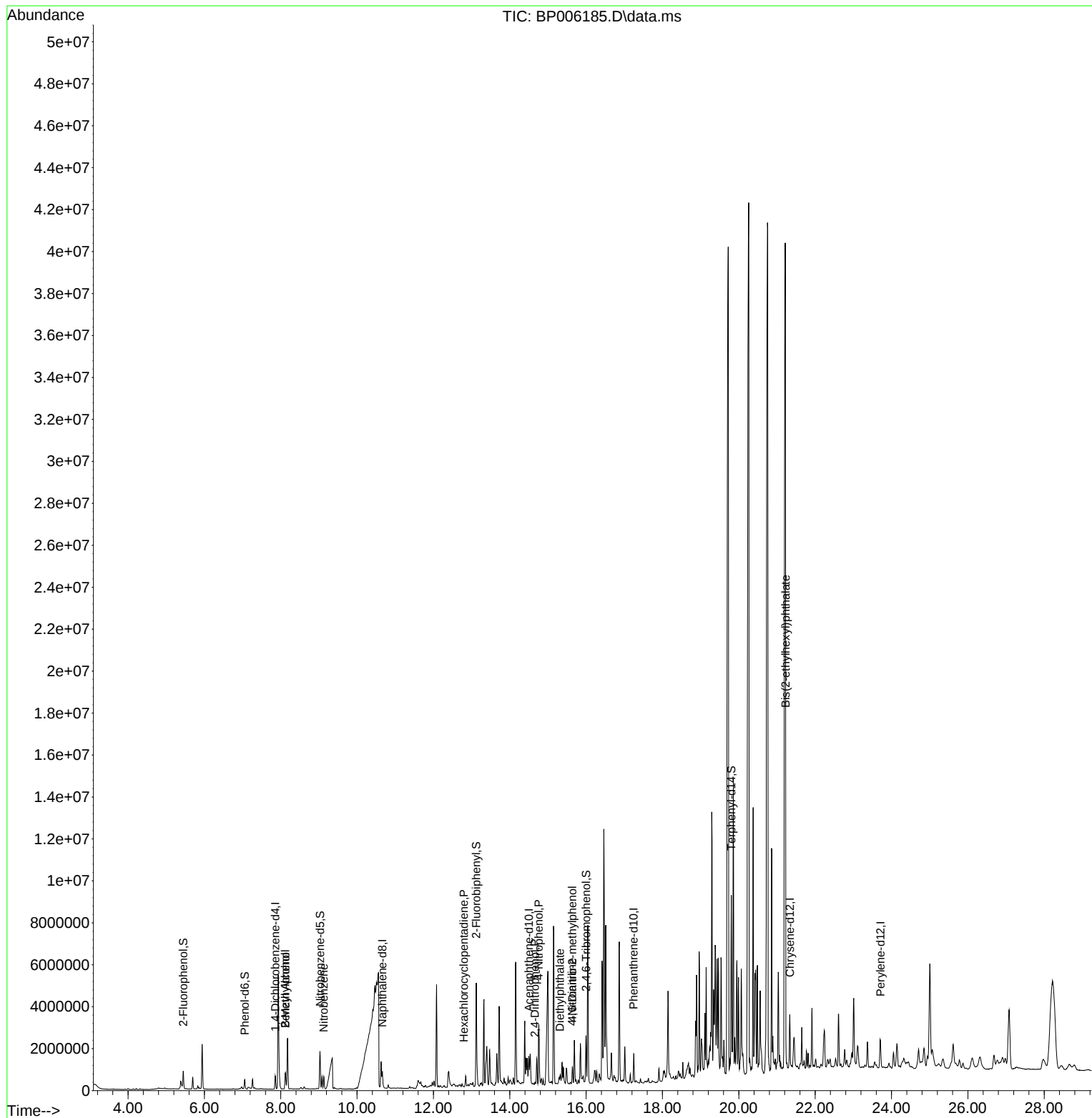
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	175628	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	673785	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	408362	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	797255	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	768979	20.000	ng	# 0.01
86) Perylene-d12	23.710	264	890486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	394128	38.613	ng	0.00
7) Phenol-d6	7.058	99	287014	21.258	ng	0.01
23) Nitrobenzene-d5	9.028	82	1006686	94.374	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	428607	88.158	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2364725	85.607	ng	0.00
79) Terphenyl-d14	19.804	244	3487520	89.418	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.122	79	313392	38.395	ng	95
17) 2-Methylphenol	8.122	107	186112	21.099	ng	# 25
24) Nitrobenzene	9.128	77	200303	18.567	ng	# 38
41) Hexachlorocyclopentadiene	12.793	237	21	8.712	ng	93
54) 2,4-Dinitrophenol	14.657	184	243	8.942	ng	# 1
56) 4-Nitrophenol	14.757	139	10565	8.987	ng	# 47
60) Diethylphthalate	15.316	149	255278	8.477	ng	97
62) 4-Nitroaniline	15.634	138	1434	3.155	ng	# 59
65) 4,6-Dinitro-2-methylph...	15.640	198	132	4.442	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.227	149	134446	3.533	ng	# 83

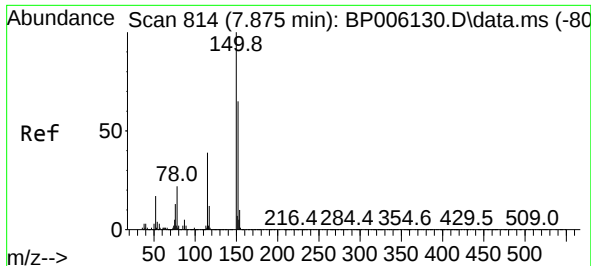
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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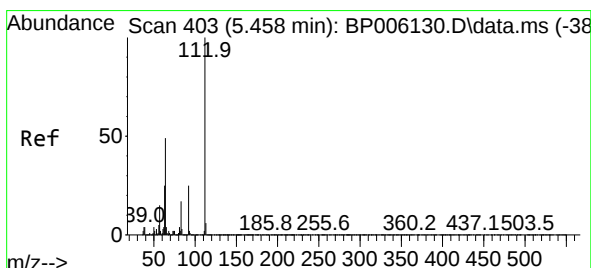
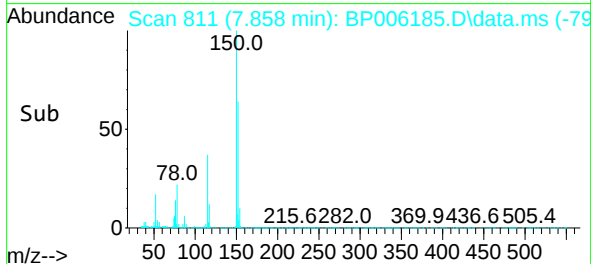
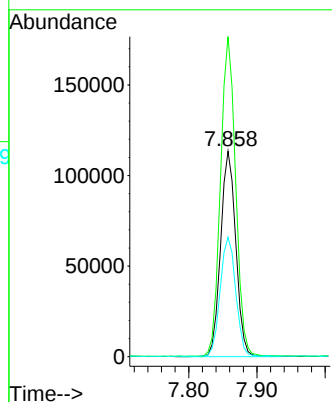
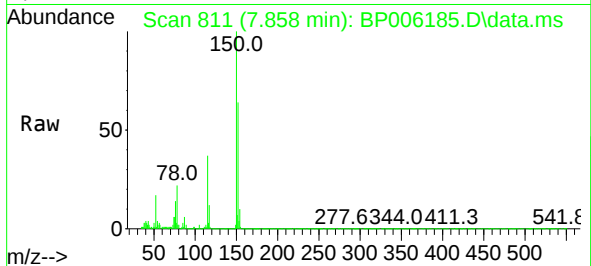




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

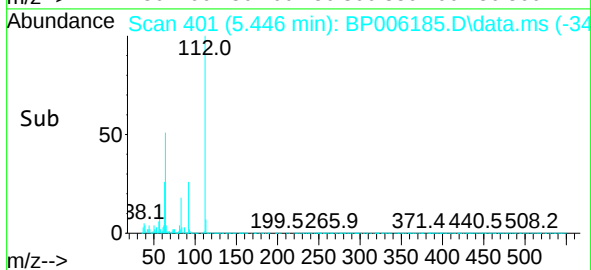
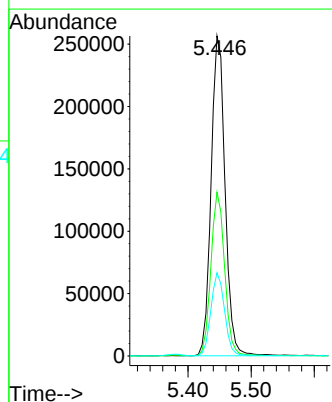
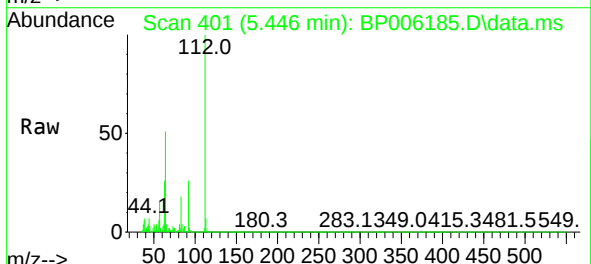
Instrument :
BNA_P
ClientSampleId :
EFF-WW

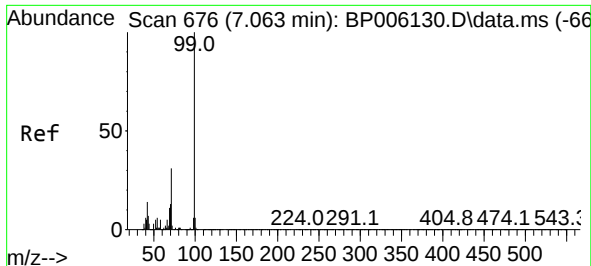
Tgt Ion:152 Resp: 175628
Ion Ratio Lower Upper
152 100
150 155.7 125.6 188.4
115 58.1 48.5 72.7



#5
2-Fluorophenol
Concen: 38.613 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:112 Resp: 394128
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 26.0 23.8 35.8

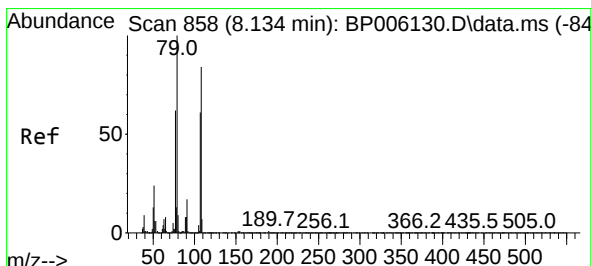
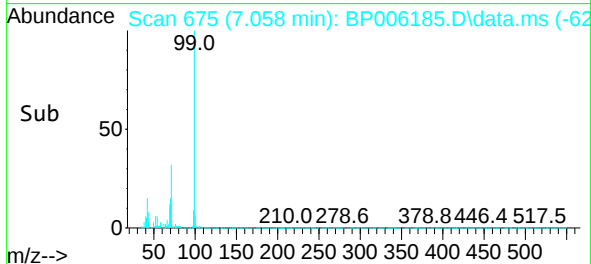
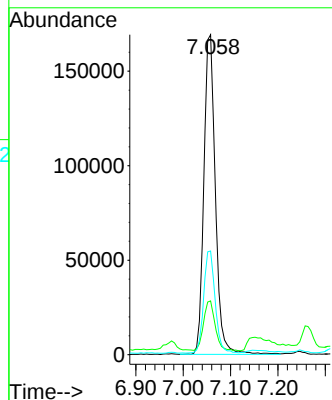
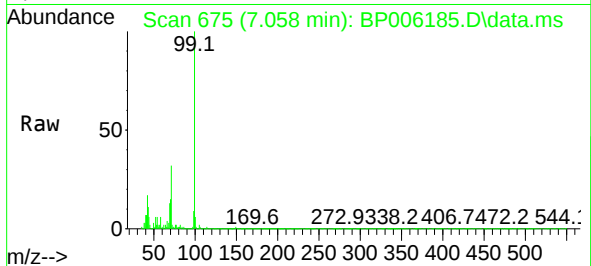




#7
Phenol-d6
Concen: 21.258 ng
RT: 7.058 min Scan# 675
Delta R.T. 0.012 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

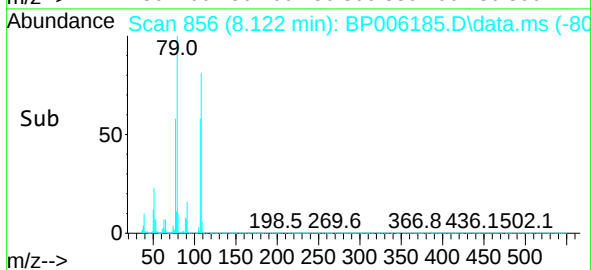
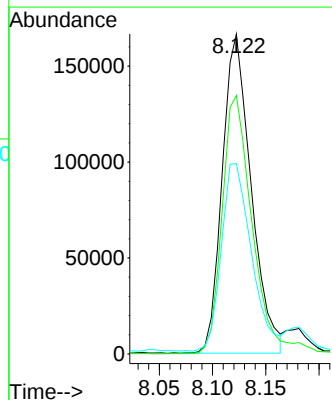
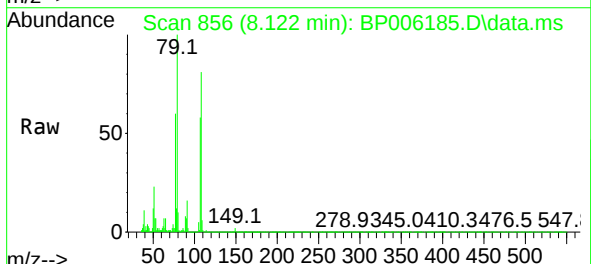
Instrument :
BNA_P
ClientSampleId :
EFF-WW

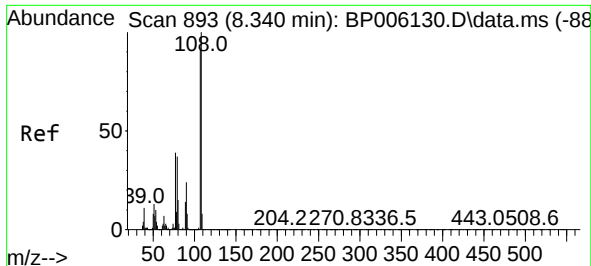
Tgt Ion: 99 Resp: 287014
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.0
71 32.4 30.6 46.0



#15
Benzyl Alcohol
Concen: 38.395 ng
RT: 8.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 79 Resp: 313392
Ion Ratio Lower Upper
79 100
108 80.7 62.5 93.7
77 59.5 52.9 79.3





#17

2-Methylphenol

Concen: 21.099 ng

RT: 8.122 min Scan# 856

Delta R.T. -0.200 min

Lab File: BP006185.D

Acq: 12 Jul 2021 17:22

Instrument :

BNA_P

ClientSampleId :

EFF-WW

Tgt Ion:107 Resp: 186112

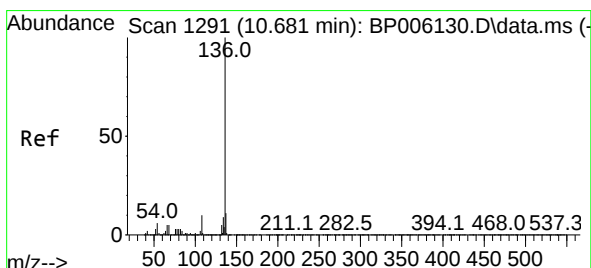
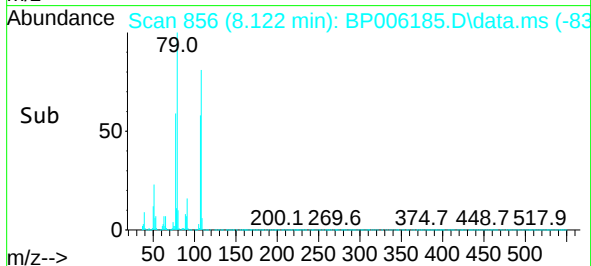
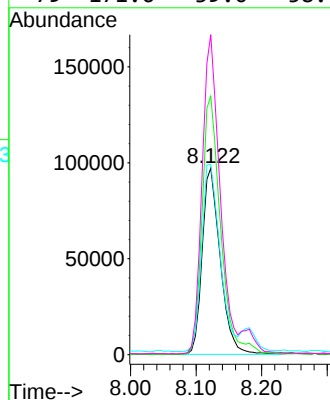
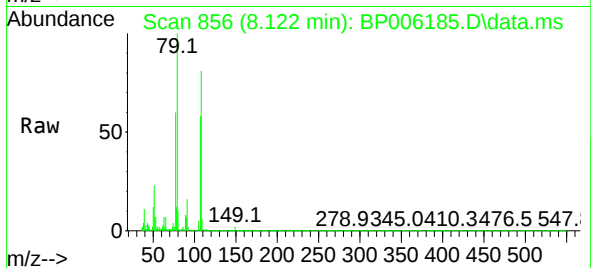
Ion Ratio Lower Upper

107 100

108 138.5 87.7 131.5#

77 102.1 40.2 60.2#

79 171.6 39.0 58.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BP006185.D

Acq: 12 Jul 2021 17:22

Tgt Ion:136 Resp: 673785

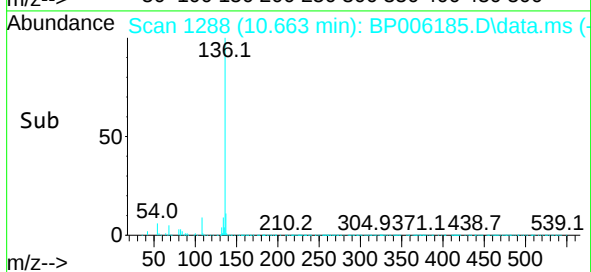
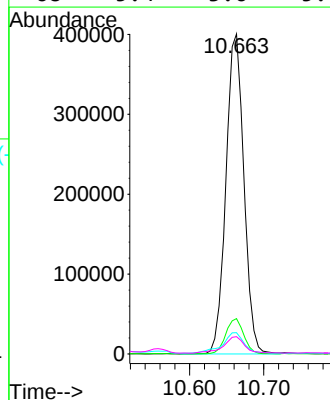
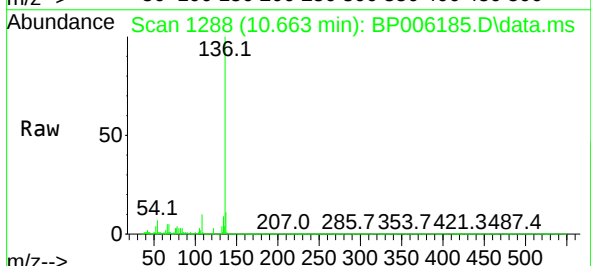
Ion Ratio Lower Upper

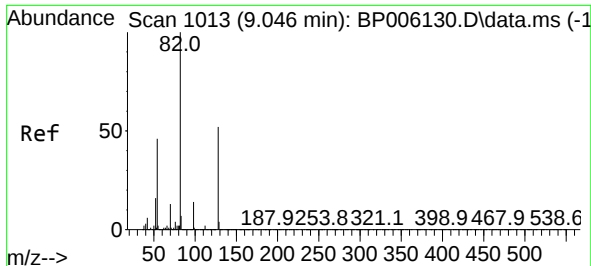
136 100

137 11.1 8.6 12.8

54 6.6 4.6 6.8

68 5.4 3.6 5.4

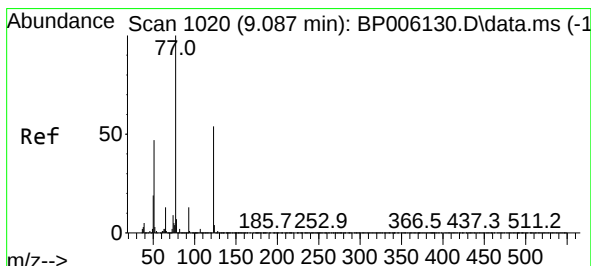
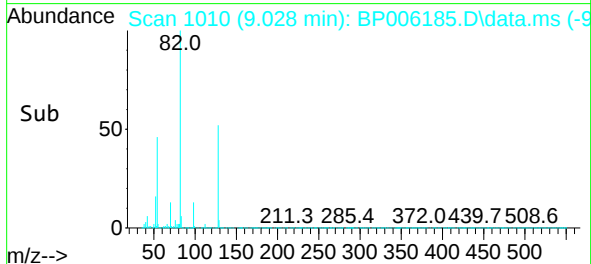
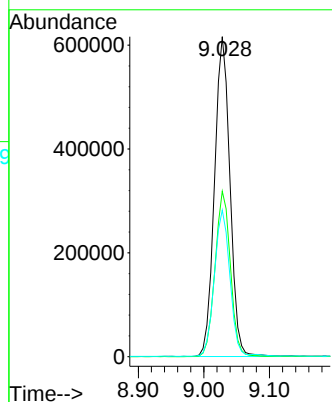
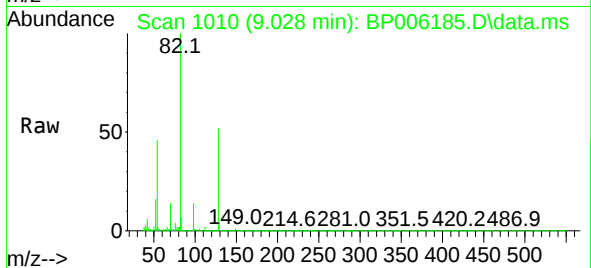




#23
Nitrobenzene-d5
Concen: 94.374 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

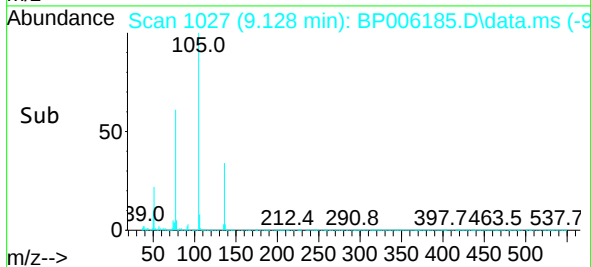
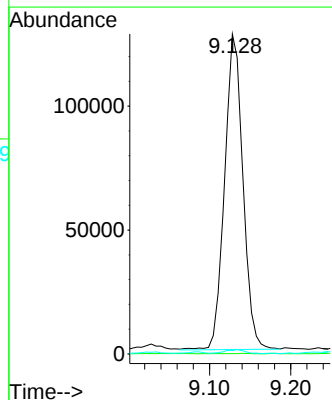
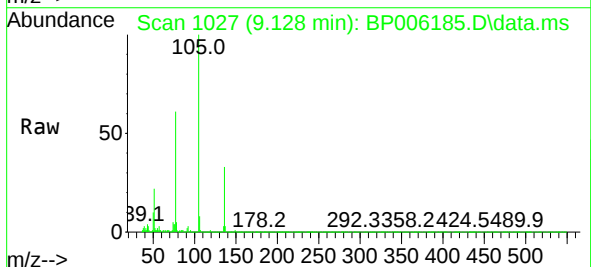
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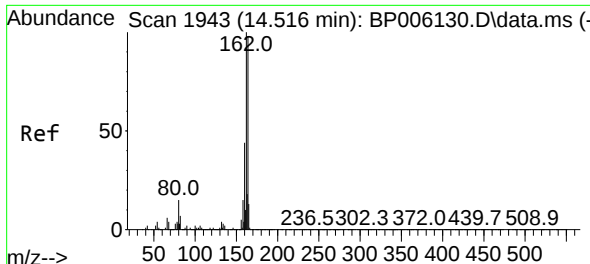
Tgt Ion: 82 Resp: 1006686
Ion Ratio Lower Upper
82 100
128 51.7 35.7 53.5
54 45.8 35.0 52.4



#24
Nitrobenzene
Concen: 18.567 ng
RT: 9.128 min Scan# 1027
Delta R.T. 0.053 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 77 Resp: 200303
Ion Ratio Lower Upper
77 100
123 0.1 38.2 57.2#
65 1.0 11.4 17.2#

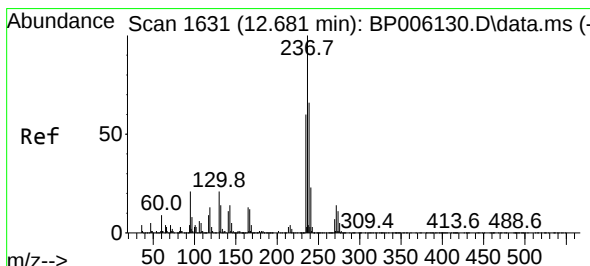
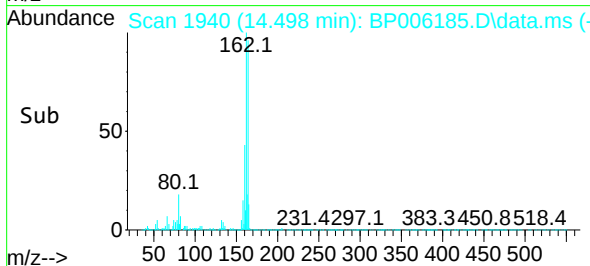
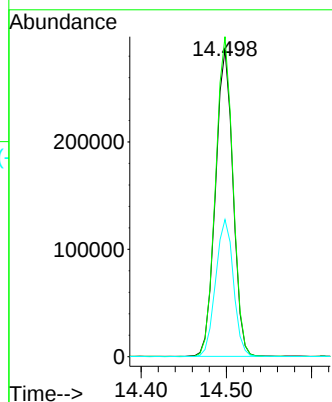
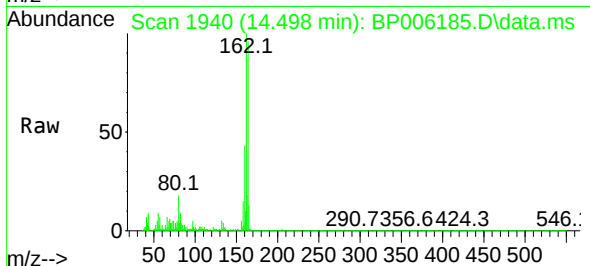




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

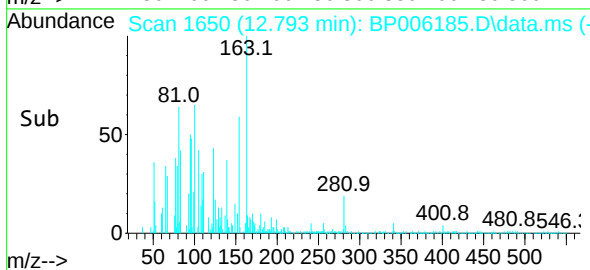
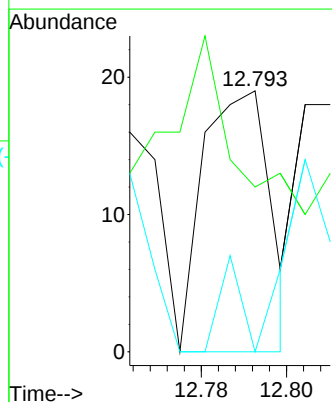
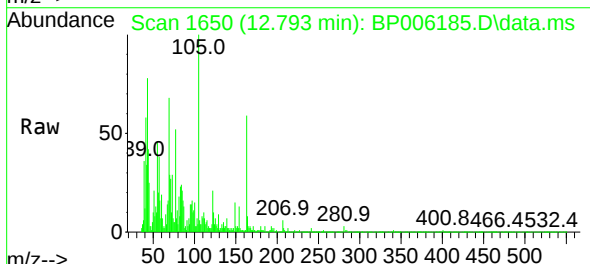
Instrument :
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ClientSampleId :
EFF-WW

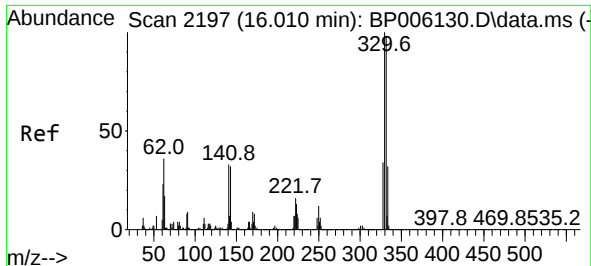
Tgt Ion:164 Resp: 408362
Ion Ratio Lower Upper
164 100
162 104.2 80.2 120.2
160 44.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.712 ng
RT: 12.793 min Scan# 1650
Delta R.T. 0.124 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:237 Resp: 21
Ion Ratio Lower Upper
237 100
235 63.2 44.5 84.5
272 0.0 0.0 32.5

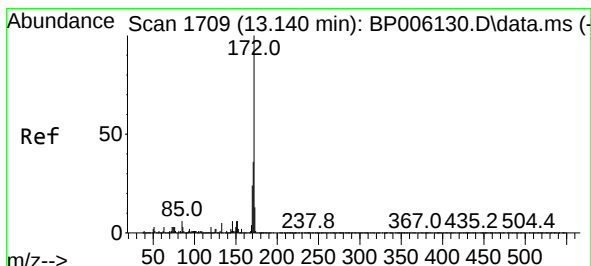
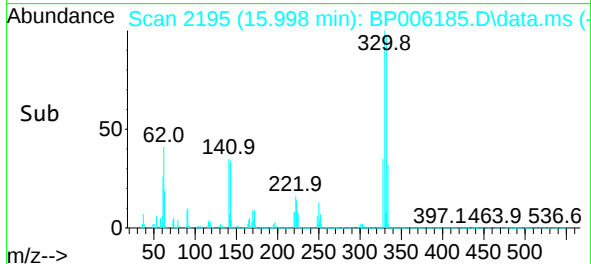
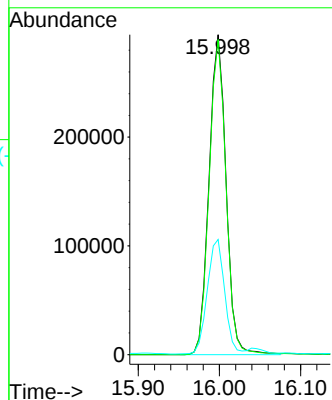
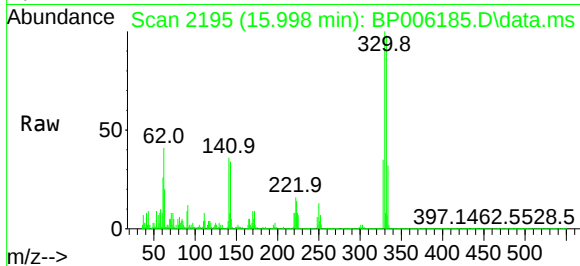




#42
2,4,6-Tribromophenol
Concen: 88.158 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

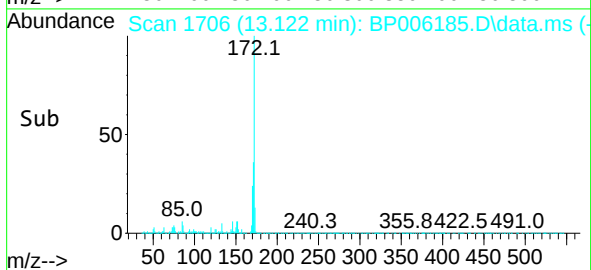
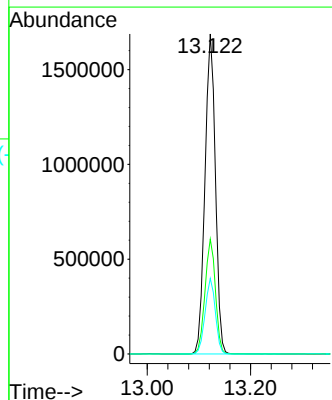
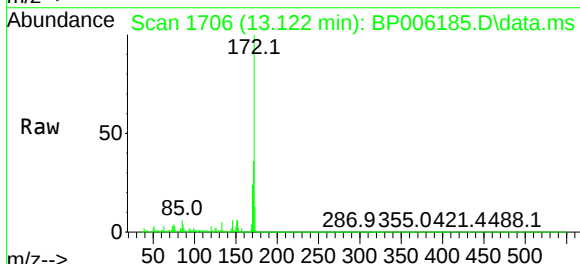
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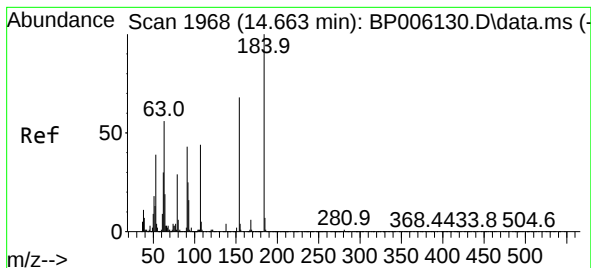
Tgt Ion:330 Resp: 428607
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 36.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 85.607 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:172 Resp: 2364725
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.6 18.6 27.8

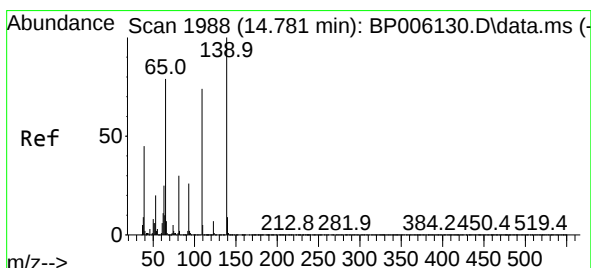
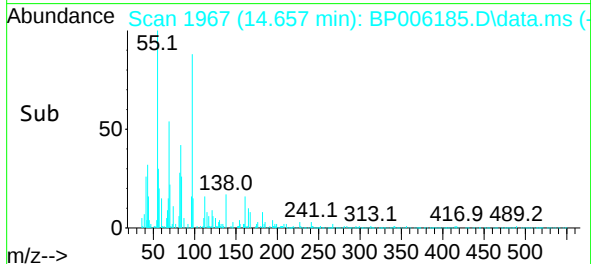
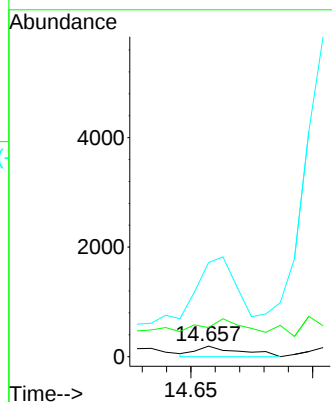
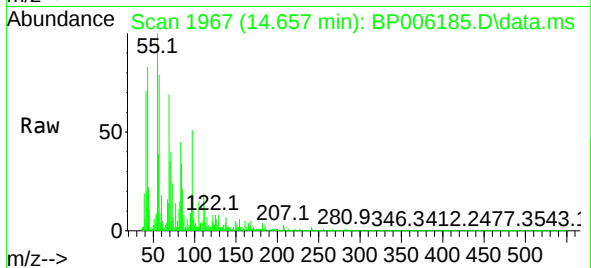




#54
2,4-Dinitrophenol
Concen: 8.942 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

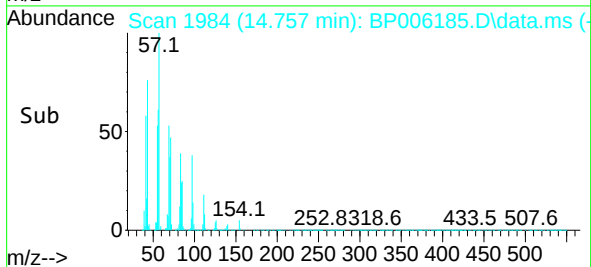
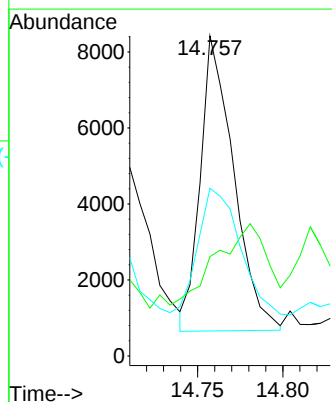
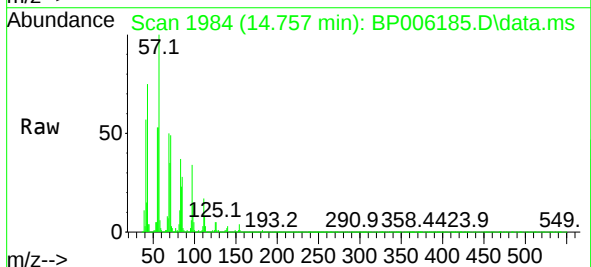
Instrument :
BNA_P
ClientSampleId :
EFF-WW

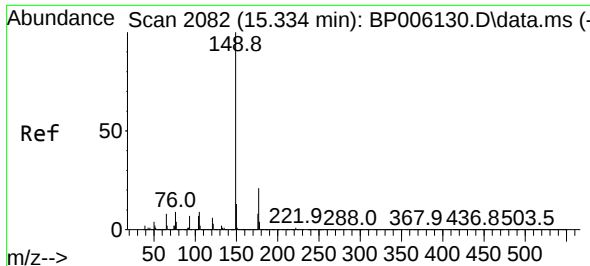
Tgt Ion:184 Resp: 243
Ion Ratio Lower Upper
184 100
63 273.7 47.0 70.6#
154 885.1 52.3 78.5#



#56
4-Nitrophenol
Concen: 8.987 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:139 Resp: 10565
Ion Ratio Lower Upper
139 100
109 31.0 72.3 112.3#
65 52.4 72.5 112.5#

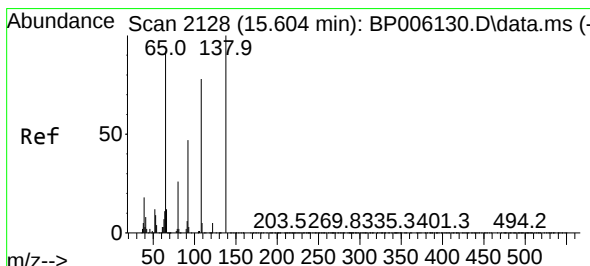
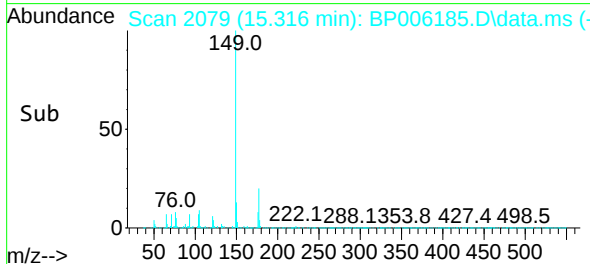
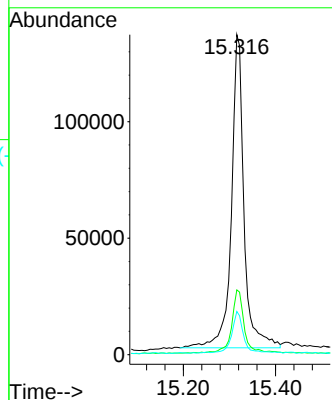
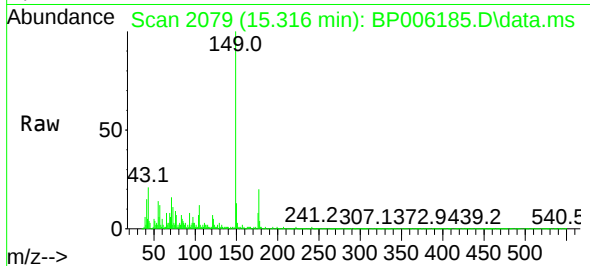




#60
Diethylphthalate
Concen: 8.477 ng
RT: 15.316 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

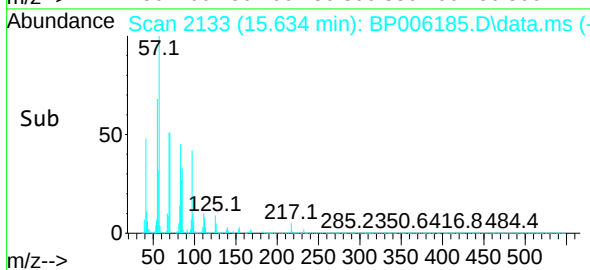
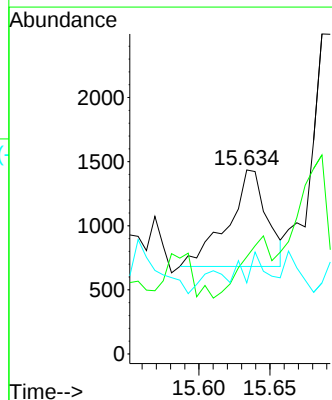
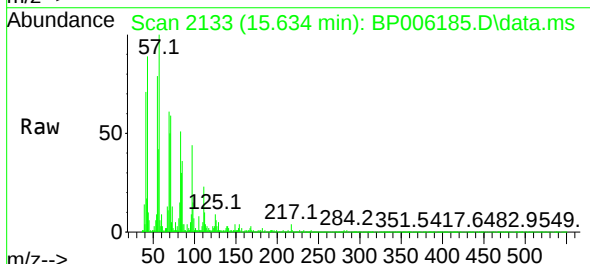
Instrument :
BNA_P
ClientSampleId :
EFF-WW

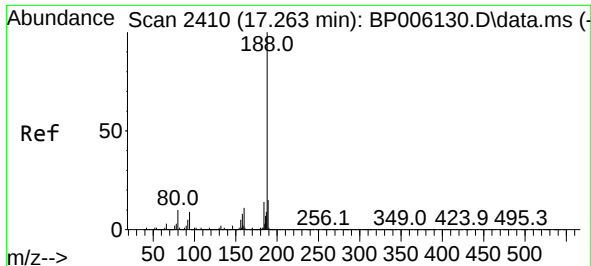
Tgt Ion:149 Resp: 255278
Ion Ratio Lower Upper
149 100
177 20.2 17.5 26.3
150 13.5 9.9 14.9



#62
4-Nitroaniline
Concen: 3.155 ng
RT: 15.634 min Scan# 2133
Delta R.T. 0.042 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:138 Resp: 1434
Ion Ratio Lower Upper
138 100
92 52.8 31.2 71.2
108 38.6 78.6 118.6#

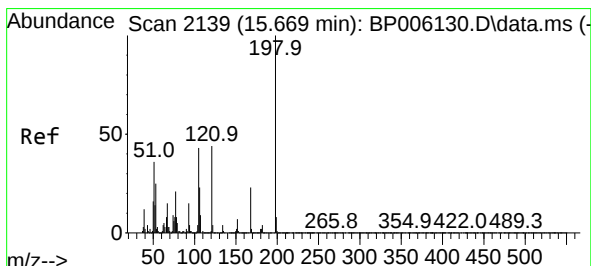
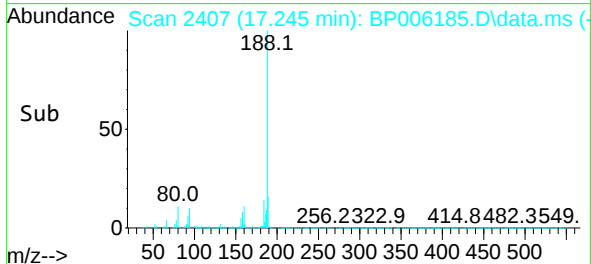
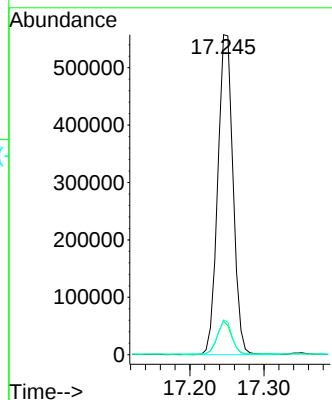
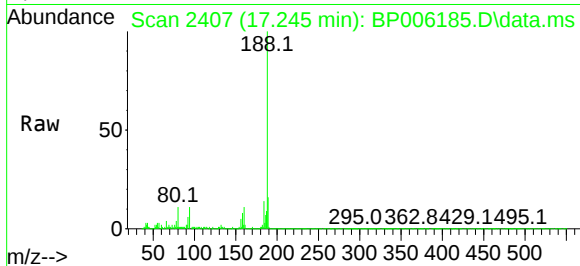




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

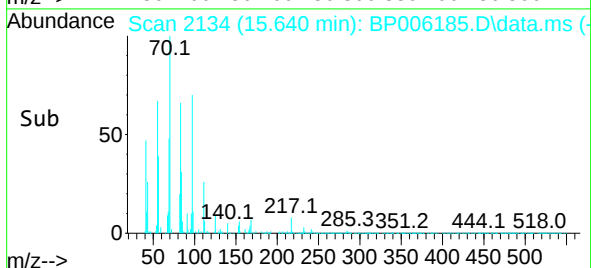
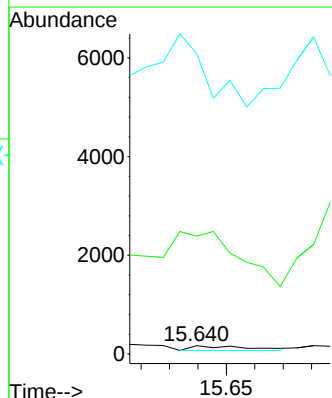
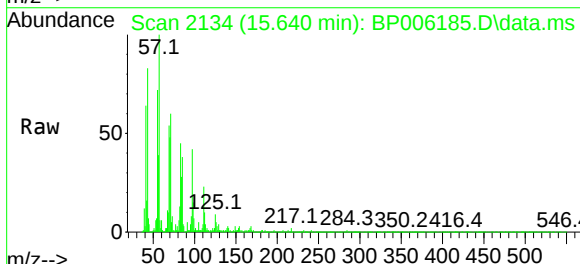
Instrument :
BNA_P
ClientSampleId :
EFF-WW

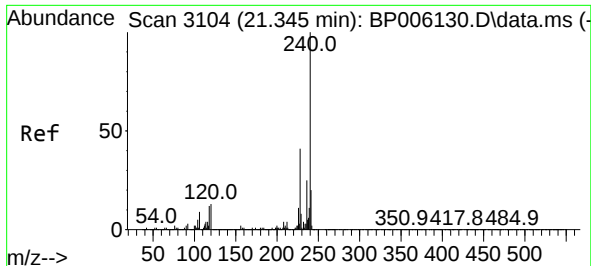
Tgt Ion:188 Resp: 797255
Ion Ratio Lower Upper
188 100
94 10.5 5.6 8.4#
80 10.8 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.442 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:198 Resp: 132
Ion Ratio Lower Upper
198 100
51 1429.3 14.0 54.0#
105 3647.3 19.5 59.5#

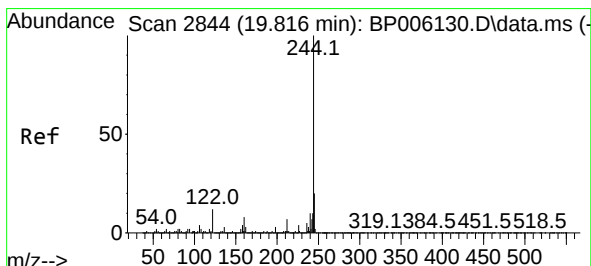
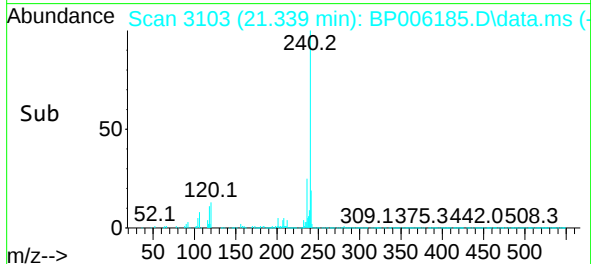
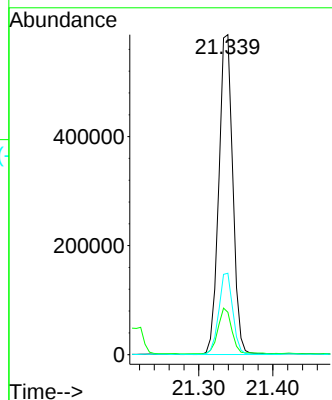
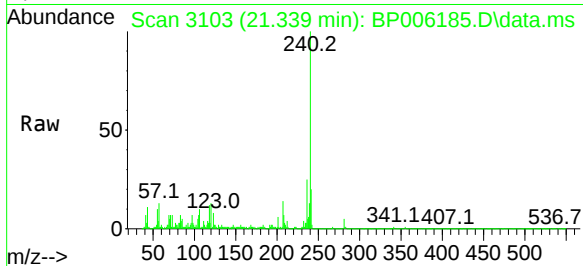




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.012 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

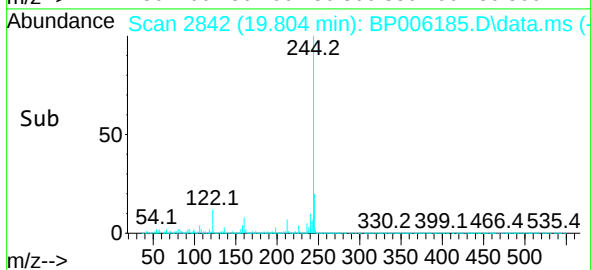
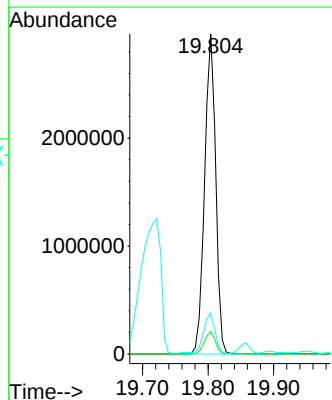
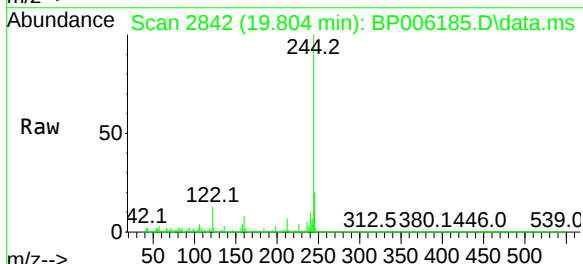
Instrument :
BNA_P
ClientSampleId :
EFF-WW

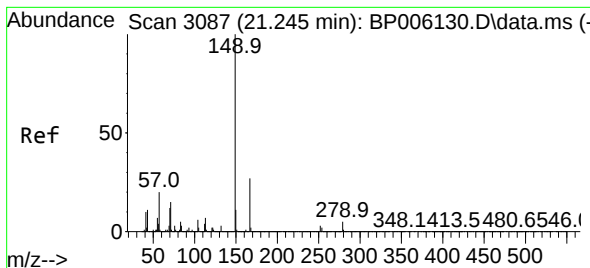
Tgt Ion:240 Resp: 768979
Ion Ratio Lower Upper
240 100
120 13.2 6.5 9.7#
236 25.4 20.6 31.0



#79
Terphenyl-d14
Concen: 89.418 ng
RT: 19.804 min Scan# 2842
Delta R.T. 0.000 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:244 Resp: 3487520
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.7 7.1 10.7#



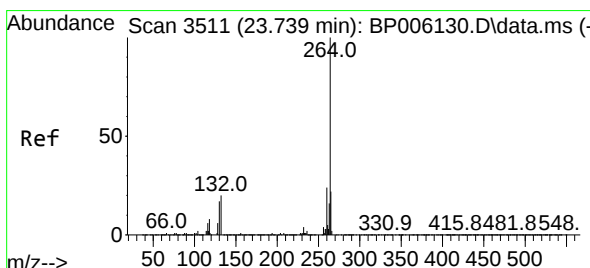
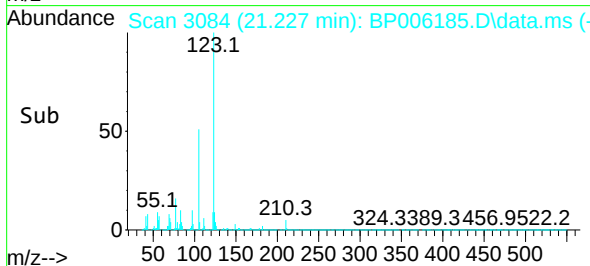
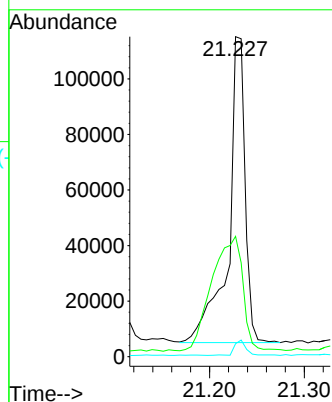
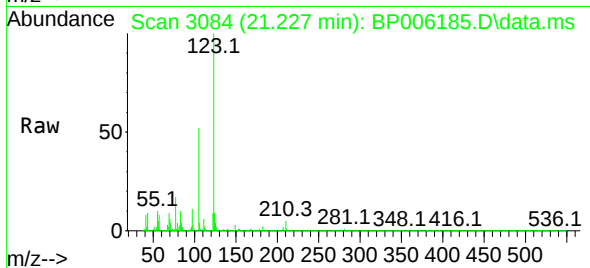


#84

Bis(2-ethylhexyl)phthalate
Concen: 3.533 ng
RT: 21.227 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:149 Resp: 134446
Ion Ratio Lower Upper
149 100
167 37.6 21.9 32.9#
279 4.0 4.3 6.5#



#86

Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3506
Delta R.T. -0.005 min
Lab File: BP006185.D
Acq: 12 Jul 2021 17:22

Tgt Ion:264 Resp: 890486
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.5 17.6 26.4

