

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070921\
 Data File : BP006159.D
 Acq On : 09 Jul 2021 14:02
 Operator : CG/JU
 Sample : PB137592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137592BL

Quant Time: Jul 09 15:29:24 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)

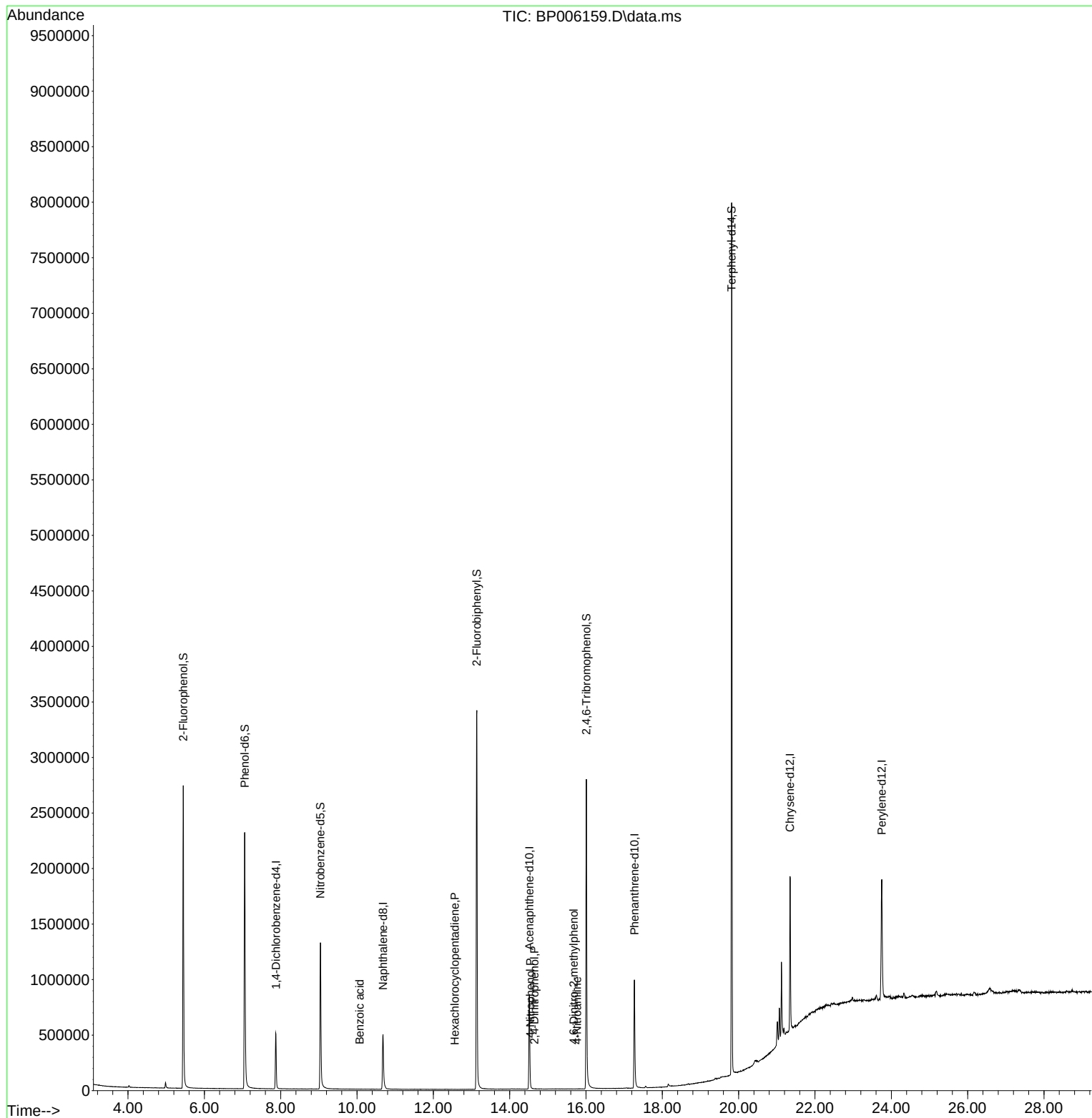
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	150586	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	537946	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	342317	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	680104	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	712852	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	880135	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1355784	154.916	ng	-0.01
7) Phenol-d6	7.058	99	1544588	133.428	ng	0.00
23) Nitrobenzene-d5	9.040	82	875190	102.764	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	647012	158.756	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	1949151	84.177	ng	0.00
79) Terphenyl-d14	19.816	244	3494172	96.643	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.069	122	12	6.905	ng	# 1
41) Hexachlorocyclopentadiene	12.563	237	25	8.719	ng	71
54) 2,4-Dinitrophenol	14.645	184	28	8.888	ng	# 1
56) 4-Nitrophenol	14.545	139	59	7.137	ng	86
62) 4-Nitroaniline	15.769	138	19	2.962	ng	95
65) 4,6-Dinitro-2-methylph...	15.681	198	26	4.424	ng	# 1

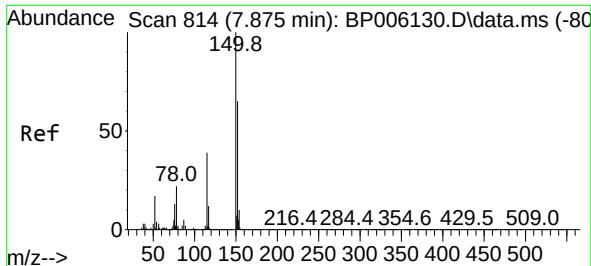
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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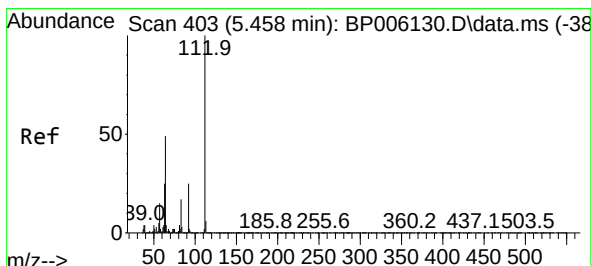
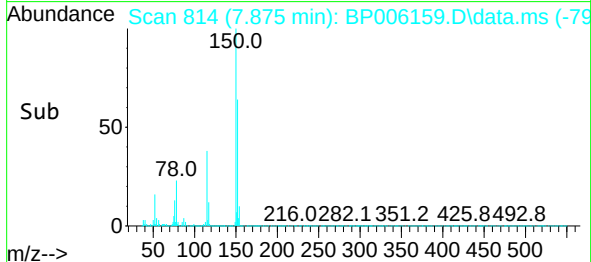
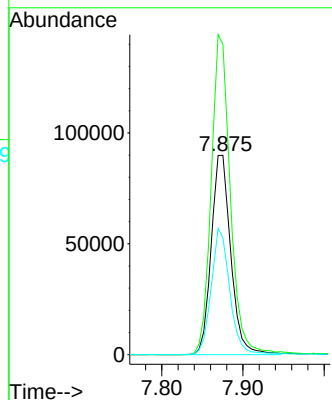
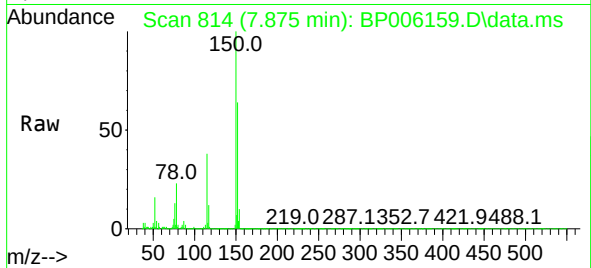




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

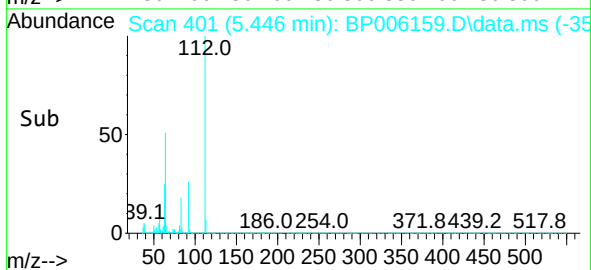
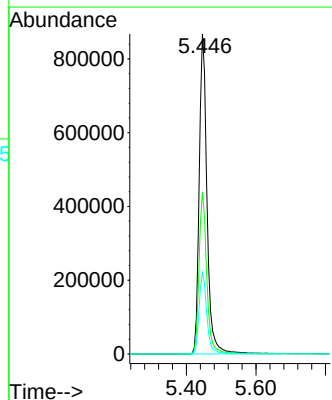
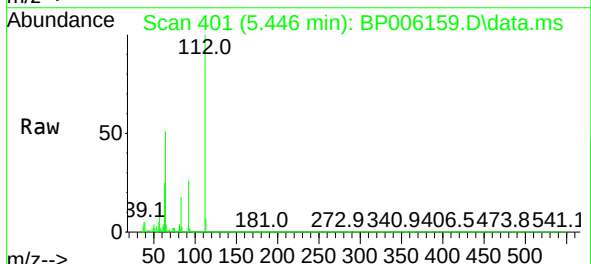
Instrument :
BNA_P
ClientSampleId :
PB137592BL

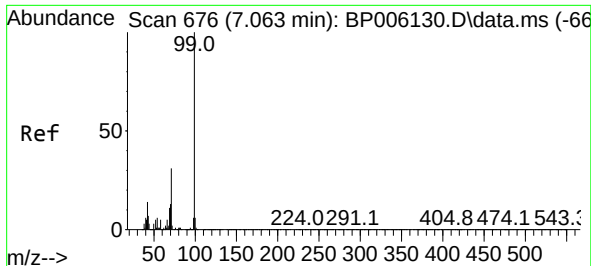
Tgt Ion:152 Resp: 150586
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 58.7 48.5 72.7



#5
2-Fluorophenol
Concen: 154.916 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

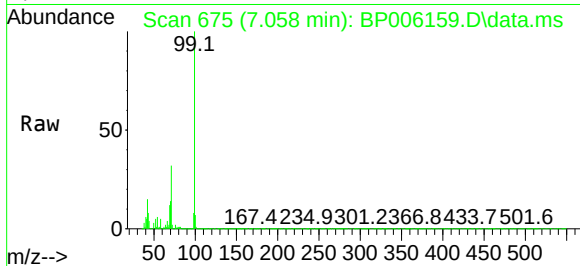
Tgt Ion:112 Resp: 1355784
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 25.4 23.8 35.8



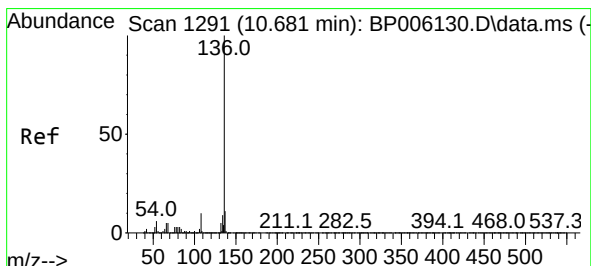
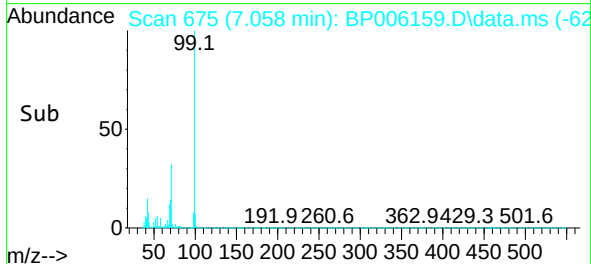
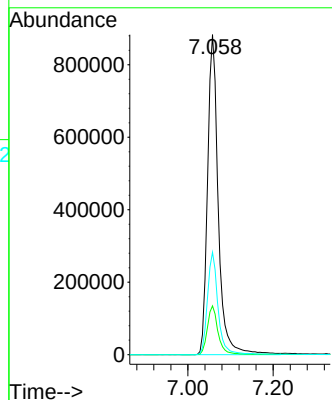


#7
Phenol-d6
Concen: 133.428 ng
RT: 7.058 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Instrument :
BNA_P
ClientSampleId :
PB137592BL

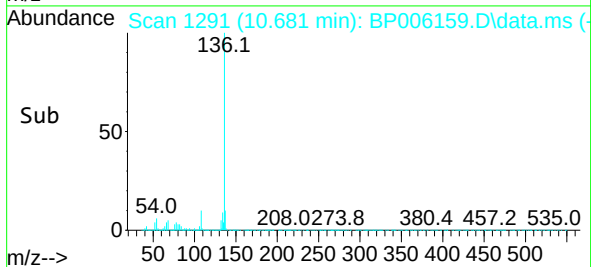
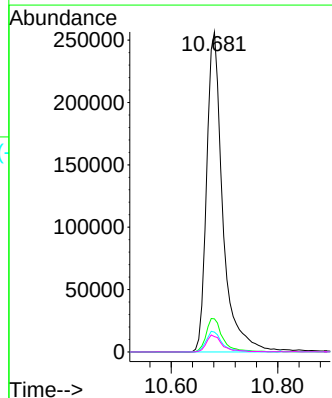
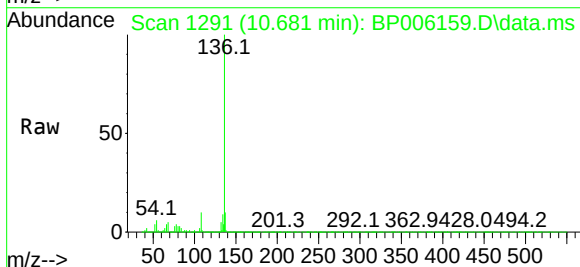


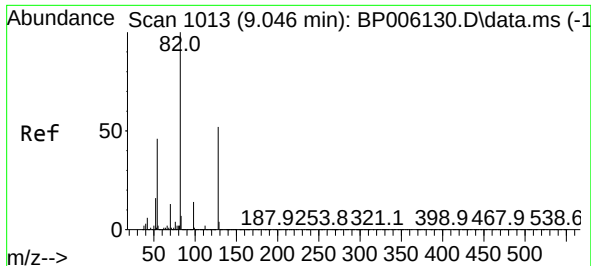
Tgt Ion: 99 Resp: 1544588
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 32.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Tgt Ion: 136 Resp: 537946
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.2 4.6 6.8
68 4.8 3.6 5.4

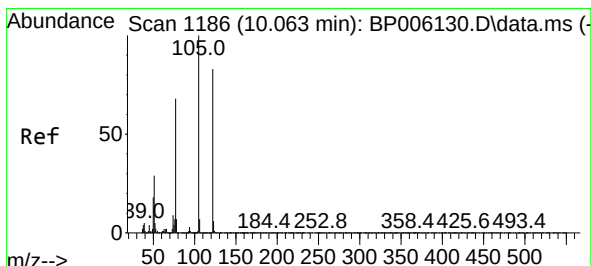
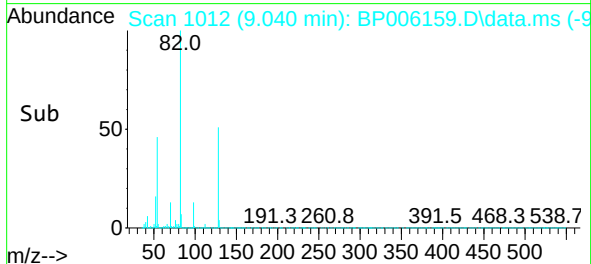
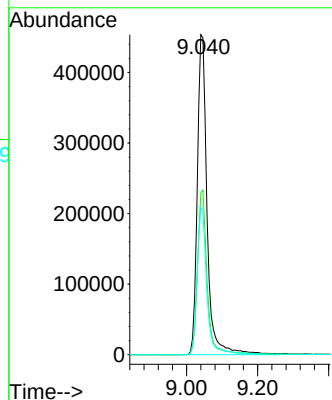
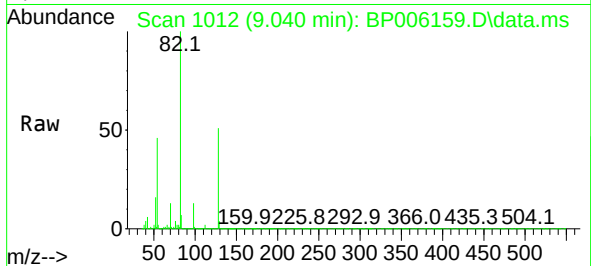




#23
Nitrobenzene-d5
Concen: 102.764 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

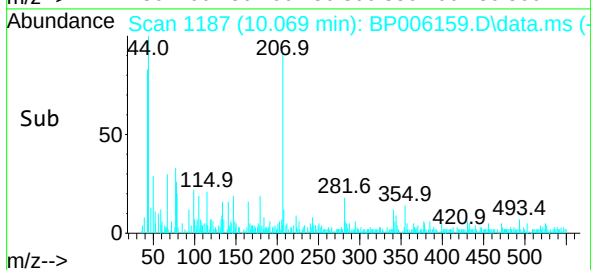
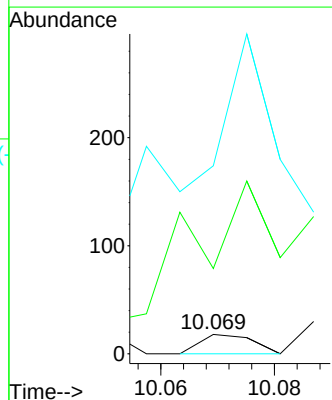
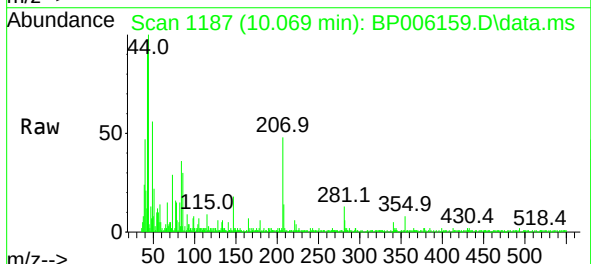
Instrument :
BNA_P
ClientSampleId :
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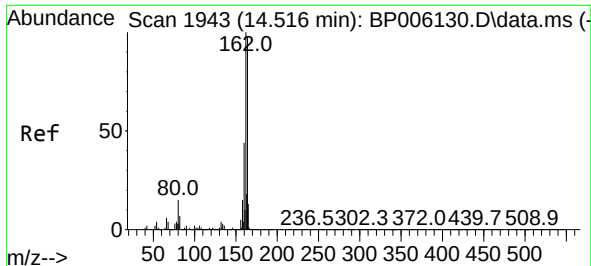
Tgt Ion: 82 Resp: 875190
Ion Ratio Lower Upper
82 100
128 50.6 35.7 53.5
54 46.2 35.0 52.4



#32
Benzoic acid
Concen: 6.905 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Tgt Ion:122 Resp: 12
Ion Ratio Lower Upper
122 100
105 438.9 103.2 143.2#
77 966.7 76.2 116.2#

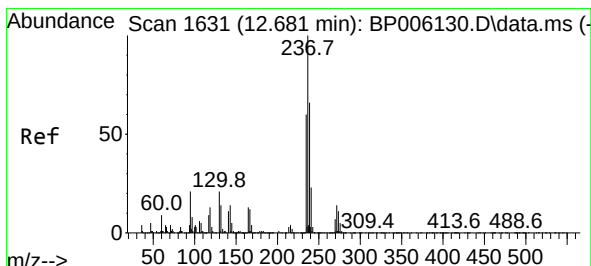
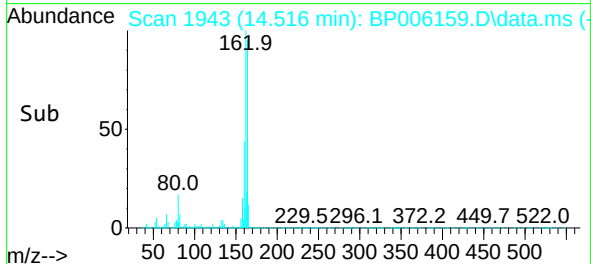
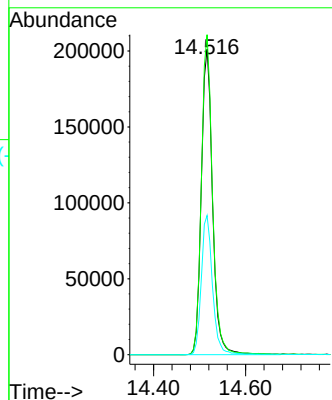
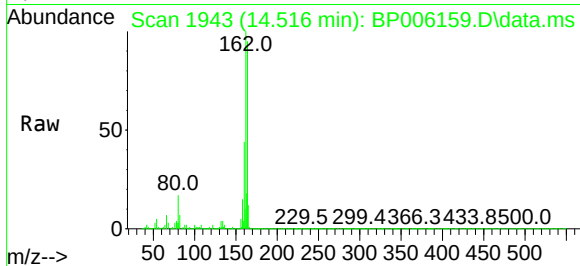




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

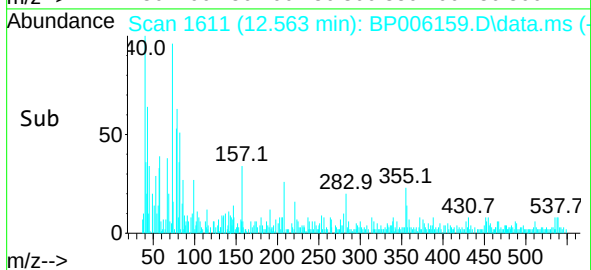
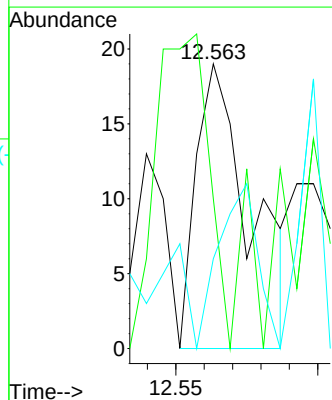
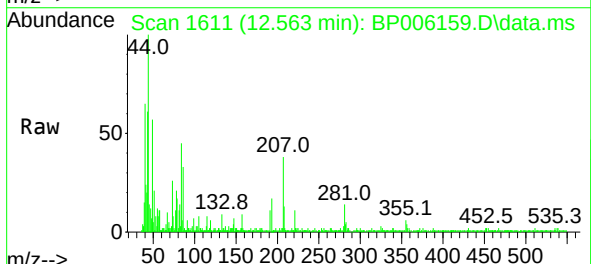
Instrument :
BNA_P
ClientSampleId :
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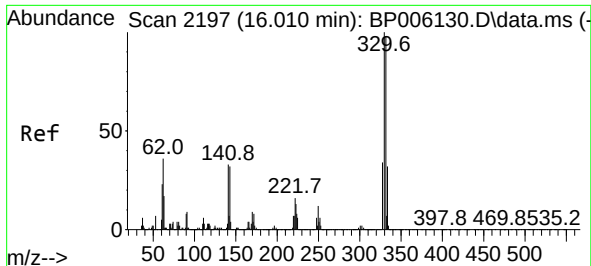
Tgt Ion:164 Resp: 342317
Ion Ratio Lower Upper
164 100
162 104.8 80.2 120.2
160 45.6 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.719 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.118 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 84.2 44.5 84.5
272 31.6 0.0 32.5

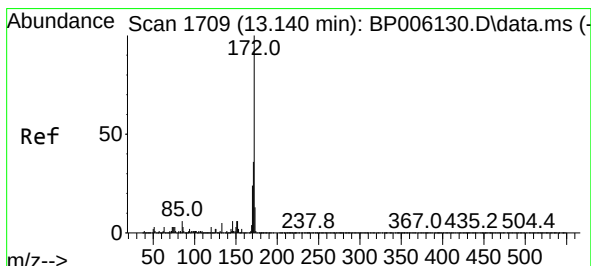
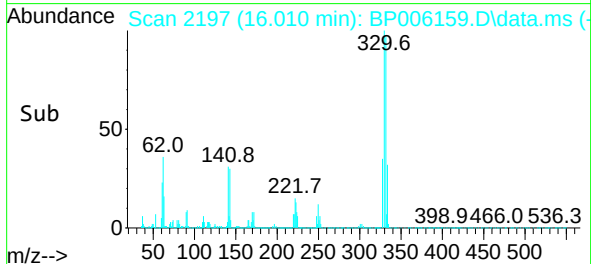
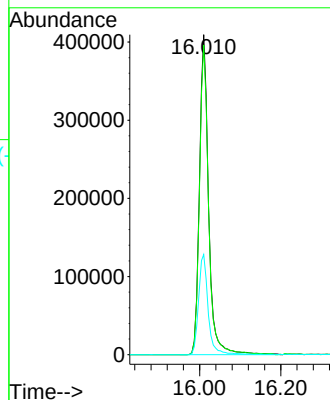
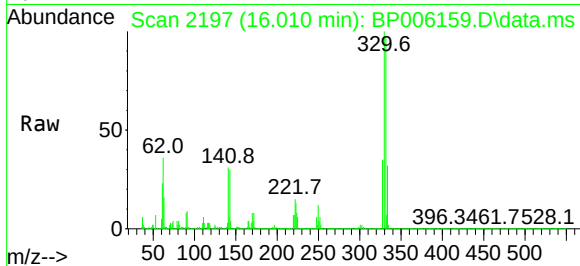




#42
2,4,6-Tribromophenol
Concen: 158.756 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

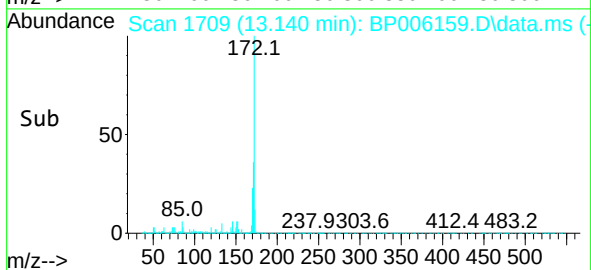
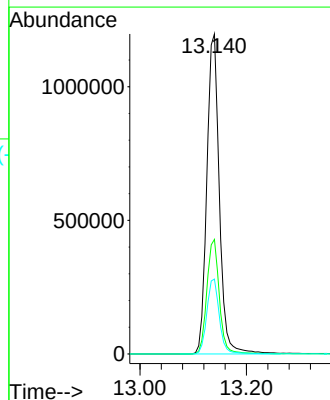
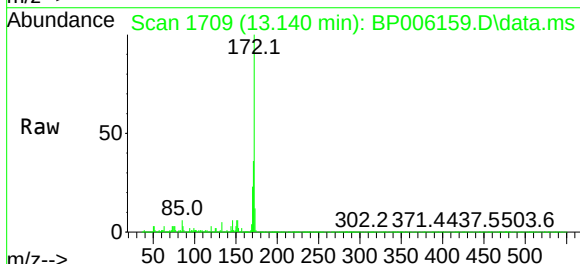
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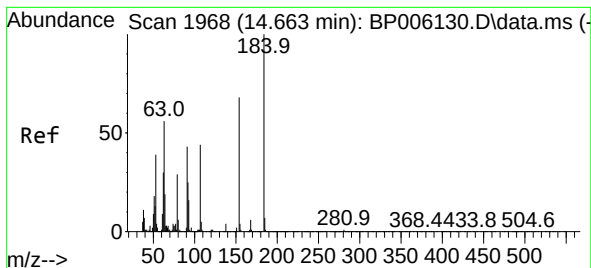
Tgt Ion: 330 Resp: 647012
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 32.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 84.177 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Tgt Ion: 172 Resp: 1949151
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.4 18.6 27.8

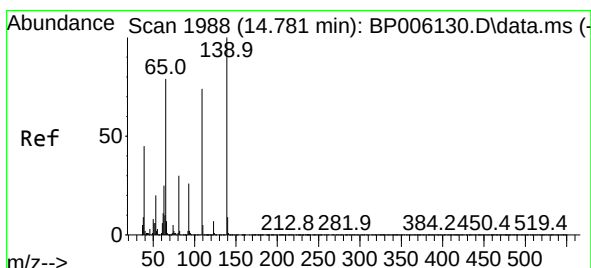
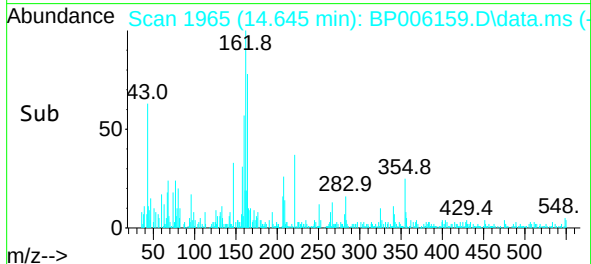
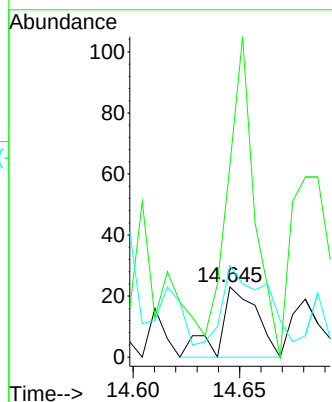
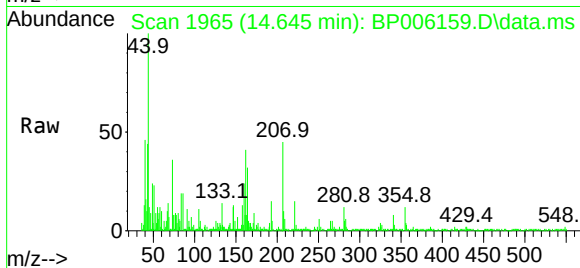




#54
2,4-Dinitrophenol
Concen: 8.888 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

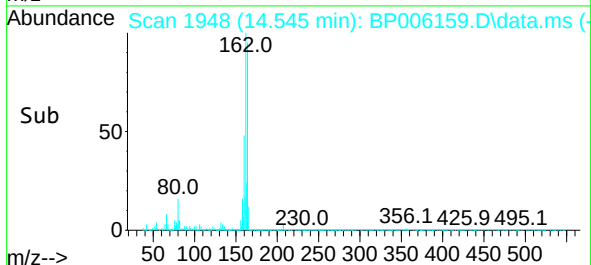
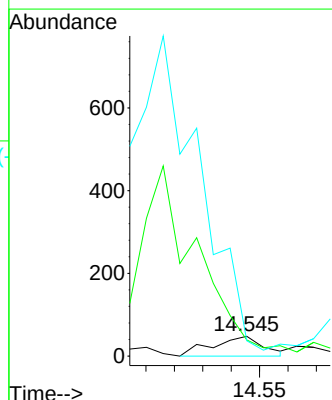
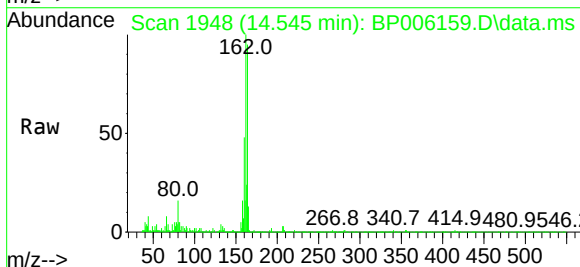
Instrument :
BNA_P
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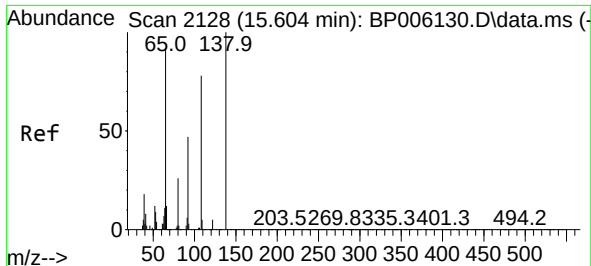
Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 273.9 47.0 70.6#
154 130.4 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.137 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.236 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 81.3 72.3 112.3
65 77.1 72.5 112.5

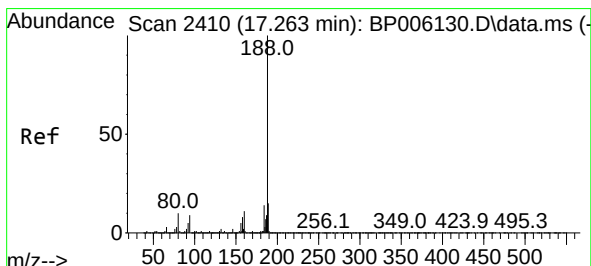
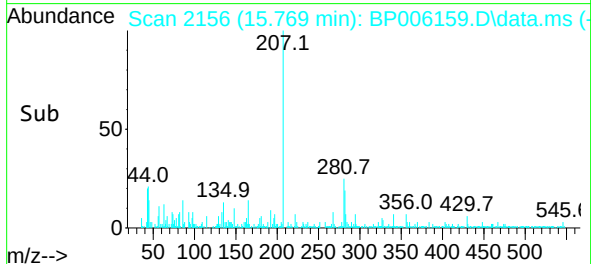
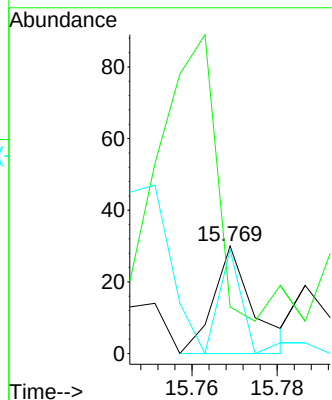
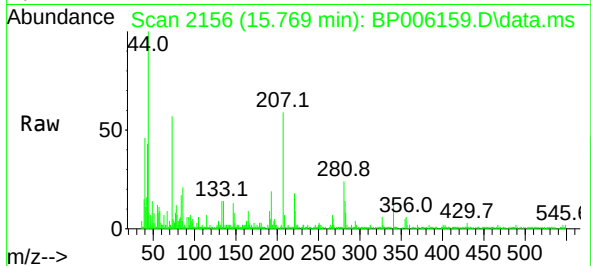




#62
4-Nitroaniline
Concen: 2.962 ng
RT: 15.769 min Scan# 2156
Delta R.T. 0.165 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

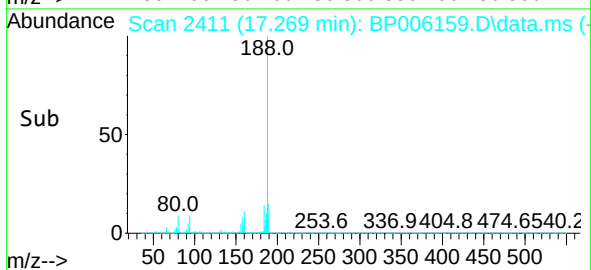
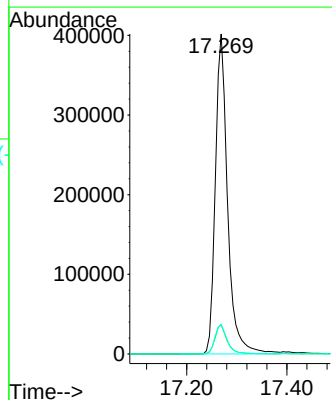
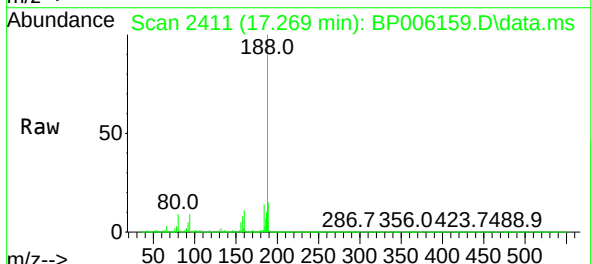
Instrument :
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PB137592BL

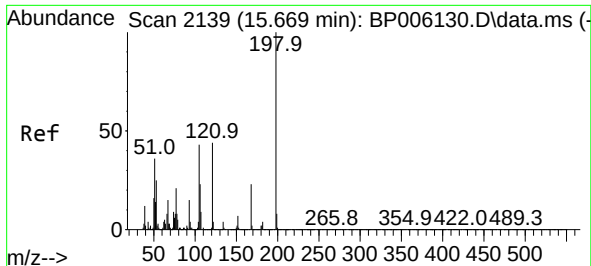
Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
92 43.3 31.2 71.2
108 96.7 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Tgt Ion:188 Resp: 680104
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.3 6.3 9.5

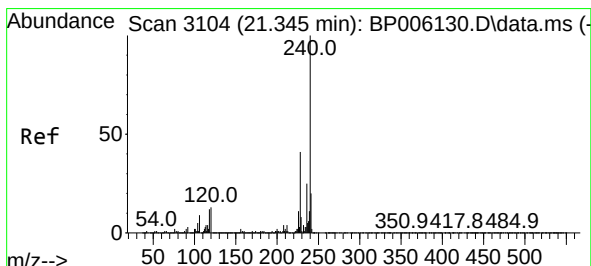
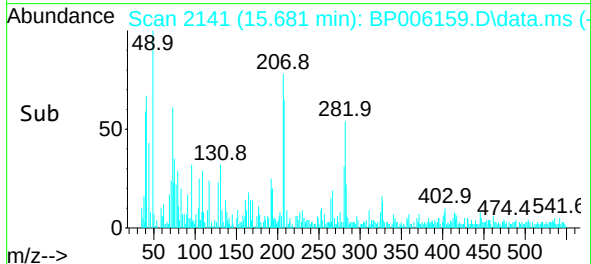
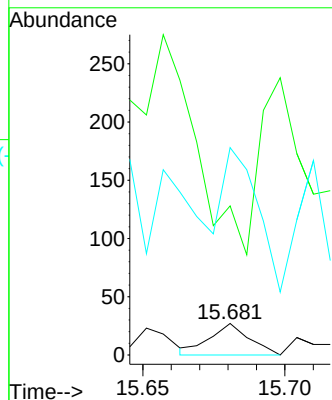
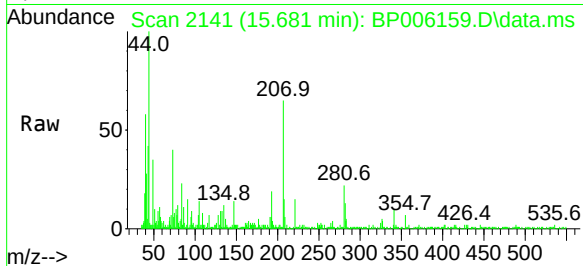




#65
4,6-Dinitro-2-methylphenol
Concen: 4.424 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.012 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

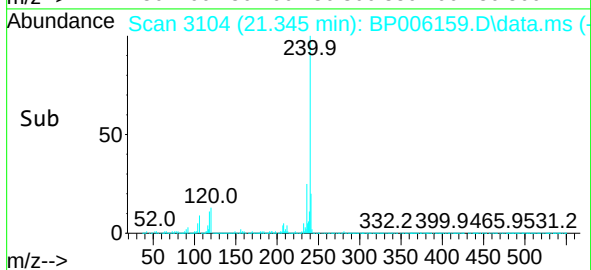
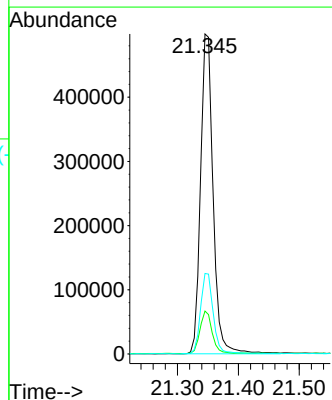
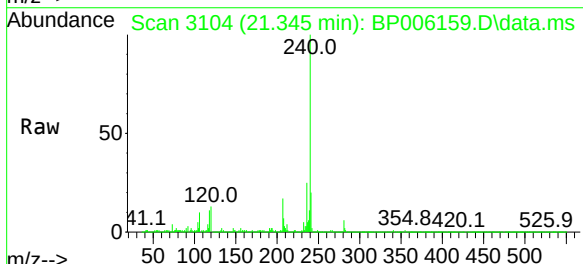
Instrument :
BNA_P
ClientSampleId :
PB137592BL

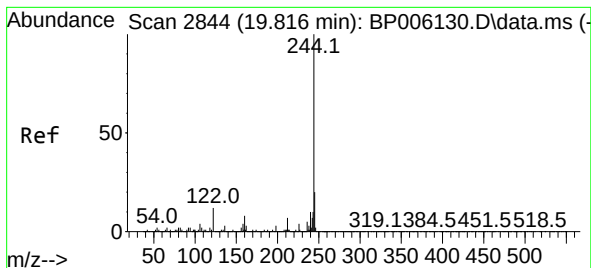
Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 474.1 14.0 54.0#
105 659.3 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006159.D
Acq: 09 Jul 2021 14:02

Tgt Ion:240 Resp: 712852
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 96.643 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BP006159.D

Acq: 09 Jul 2021 14:02

Instrument :

BNA_P

ClientSampleId :

PB137592BL

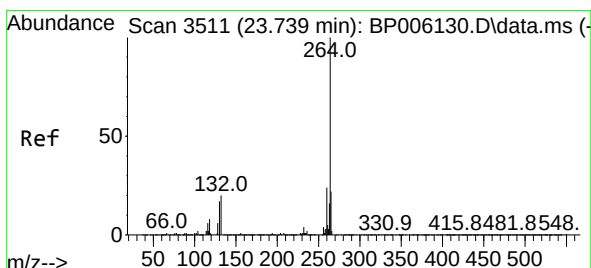
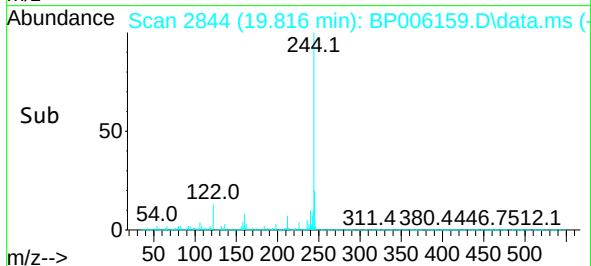
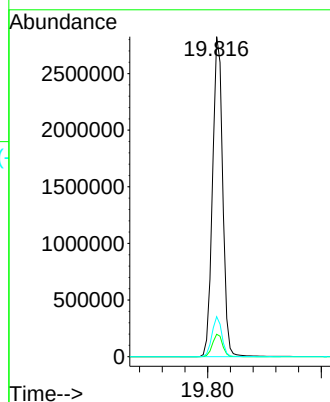
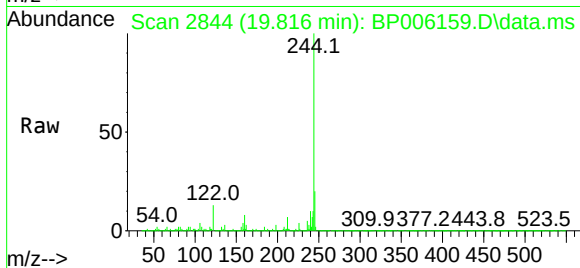
Tgt Ion:244 Resp: 3494172

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 12.5 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3513

Delta R.T. 0.012 min

Lab File: BP006159.D

Acq: 09 Jul 2021 14:02

Tgt Ion:264 Resp: 880135

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 23.0 17.6 26.4

