

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070721\
 Data File : BP006135.D
 Acq On : 07 Jul 2021 16:52
 Operator : CG/JU
 Sample : PB137511BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137511BL

Quant Time: Jul 07 17:31:43 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)

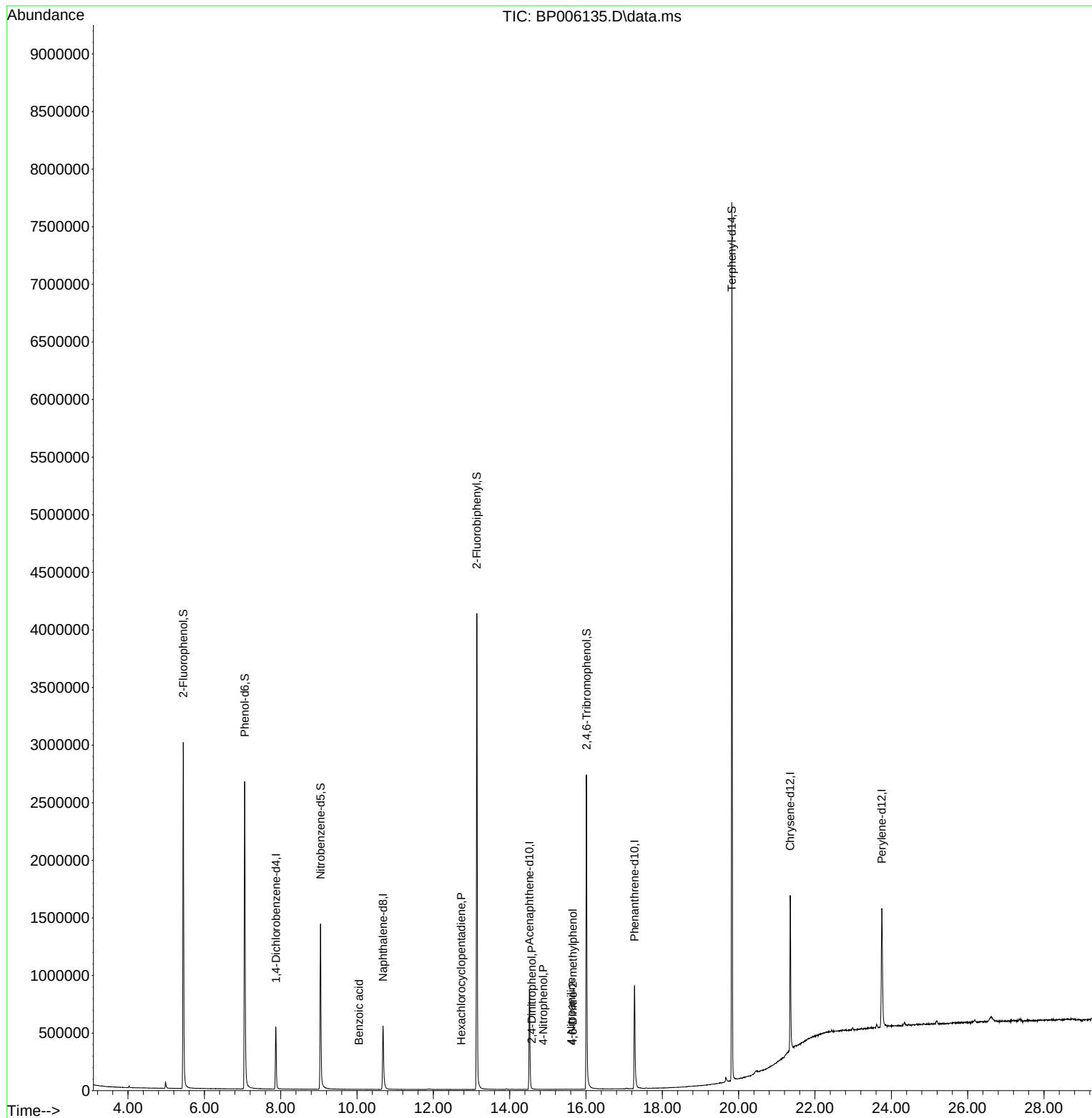
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	164400	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	591316	20.000	ng	# 0.00
39) Acenaphthene-d10	14.516	164	343896	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	676854	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	708512	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	818873	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1532830	160.429	ng	-0.01
7) Phenol-d6	7.057	99	1748278	138.334	ng	0.00
23) Nitrobenzene-d5	9.046	82	921177	98.401	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	557862	136.253	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	2153555	92.577	ng	0.00
79) Terphenyl-d14	19.821	244	3228194	89.833	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.051	122	19	6.905	ng	# 1
41) Hexachlorocyclopentadiene	12.734	237	6	8.702	ng	81
54) 2,4-Dinitrophenol	14.581	184	20	8.886	ng	89
56) 4-Nitrophenol	14.881	139	19	7.129	ng	90
62) 4-Nitroaniline	15.616	138	19	2.962	ng	# 71
65) 4,6-Dinitro-2-methylph...	15.657	198	22	4.423	ng	# 1

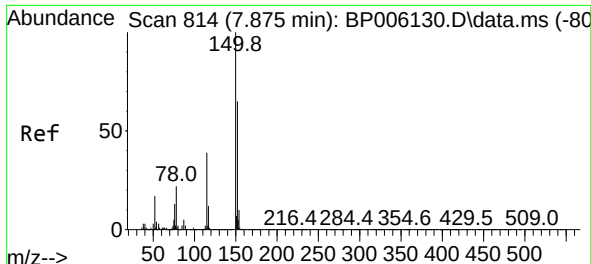
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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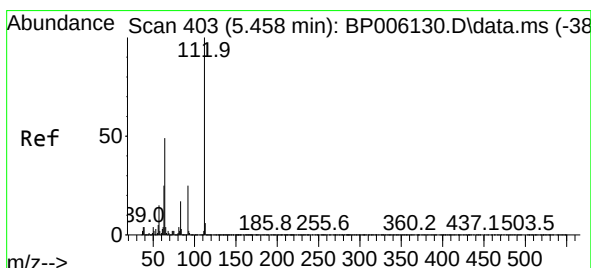
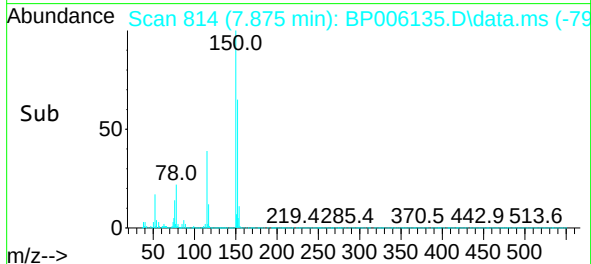
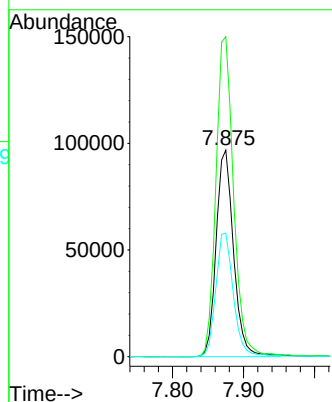
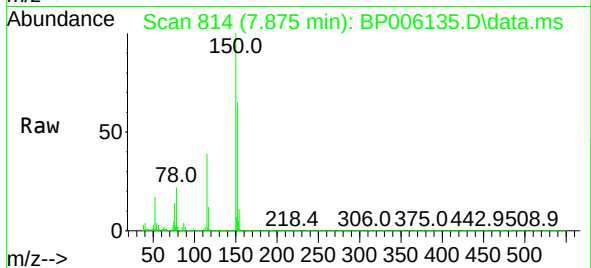




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

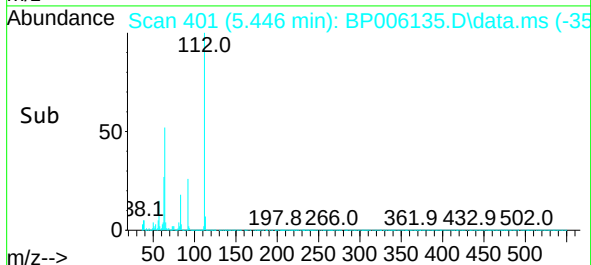
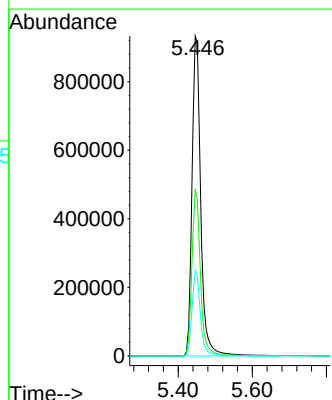
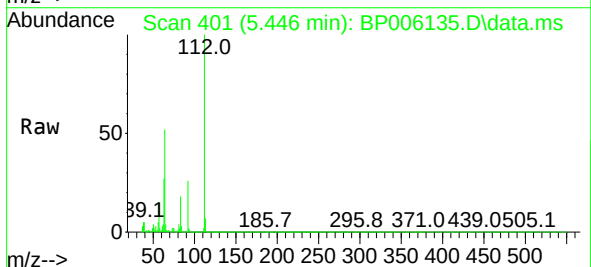
Instrument :
BNA_P
ClientSampleId :
PB137511BL

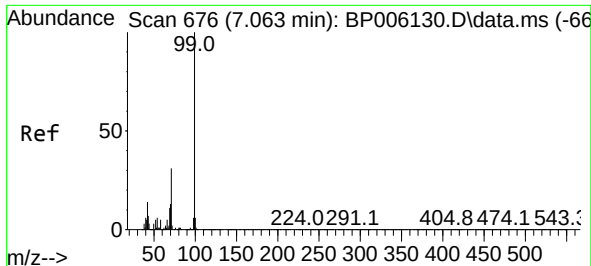
Tgt Ion:152 Resp: 164400
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 59.9 48.5 72.7



#5
2-Fluorophenol
Concen: 160.429 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion:112 Resp: 1532830
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 26.7 23.8 35.8



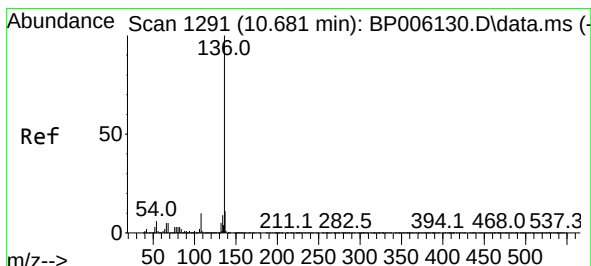
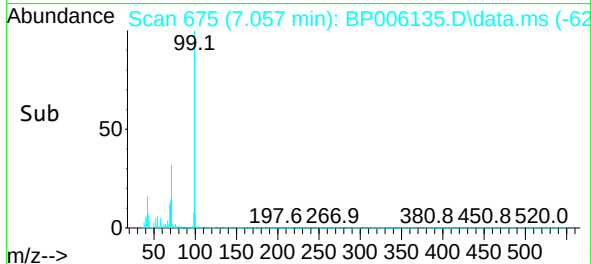
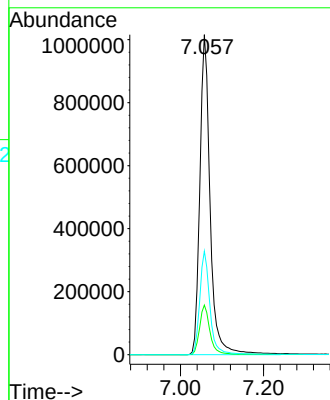
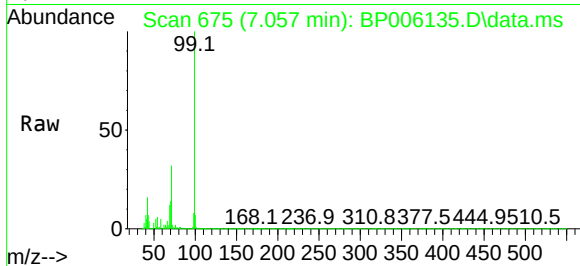


#7
Phenol-d6
Concen: 138.334 ng
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Instrument :
BNA_P
ClientSampleId :
PB137511BL

Tgt Ion: 99 Resp: 1748278

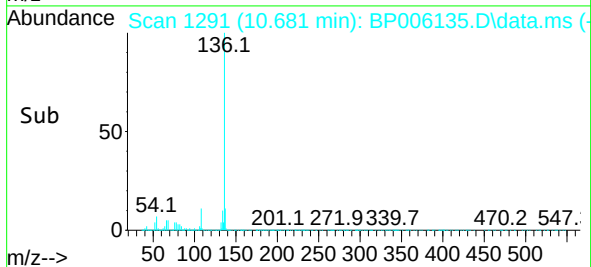
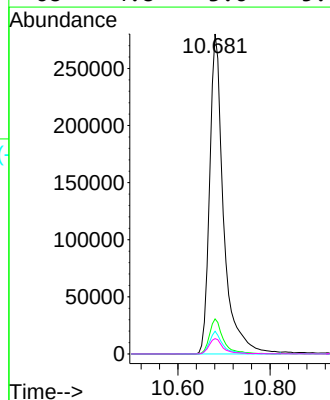
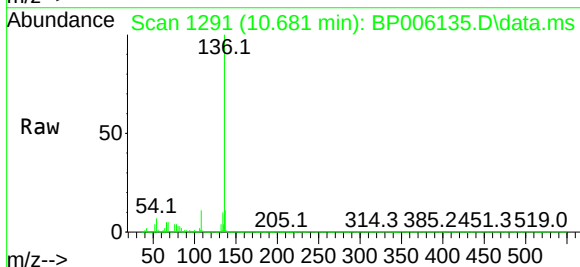
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.0
71	32.3	30.6	46.0

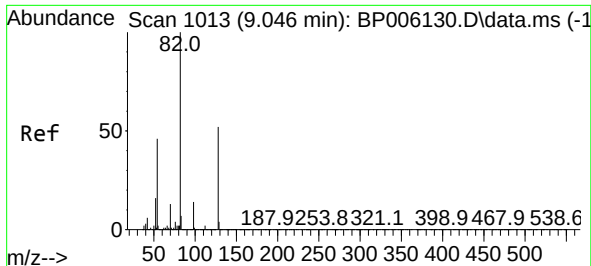


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion: 136 Resp: 591316

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.1	4.6	6.8
68	4.8	3.6	5.4

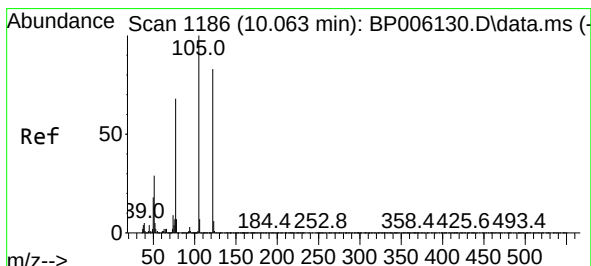
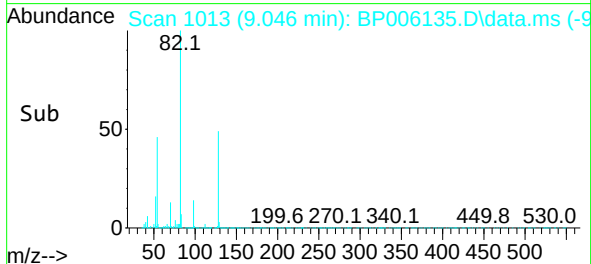
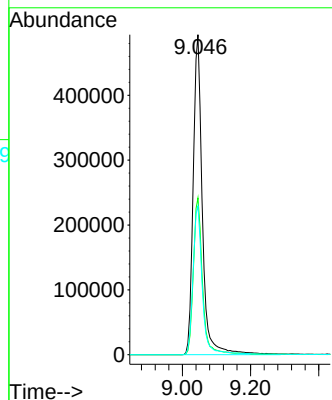
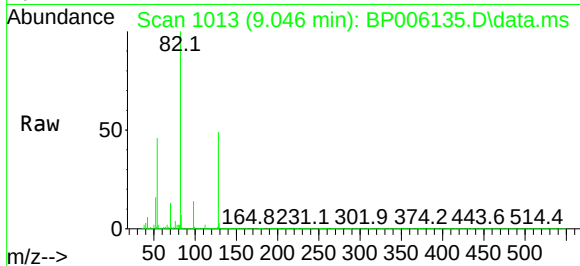




#23
Nitrobenzene-d5
Concen: 98.401 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

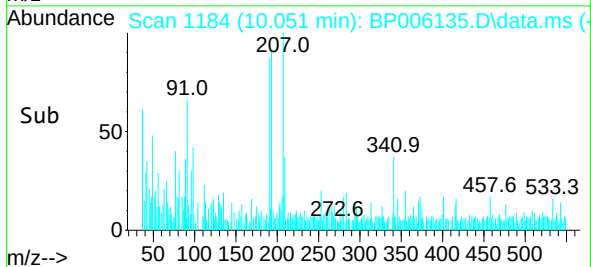
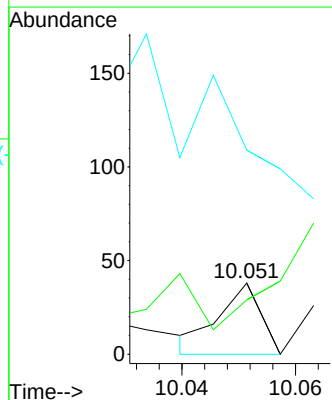
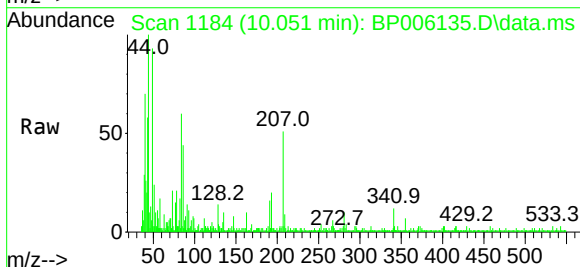
Instrument :
BNA_P
ClientSampleId :
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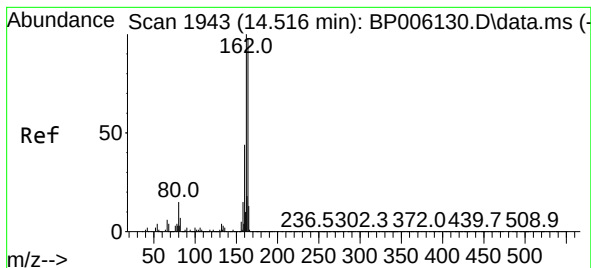
Tgt Ion: 82 Resp: 921177
Ion Ratio Lower Upper
82 100
128 49.0 35.7 53.5
54 46.5 35.0 52.4



#32
Benzoic acid
Concen: 6.905 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion:122 Resp: 19
Ion Ratio Lower Upper
122 100
105 76.3 103.2 143.2#
77 286.8 76.2 116.2#

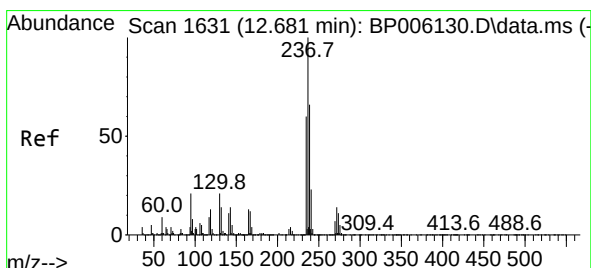
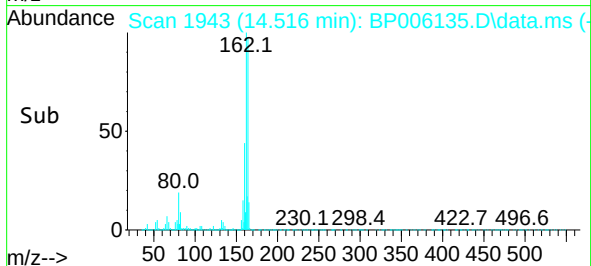
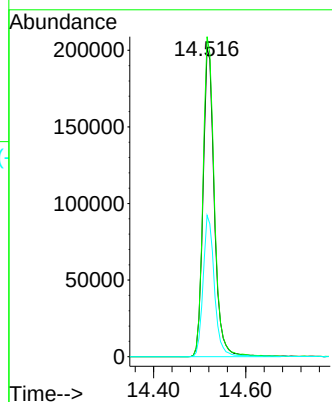
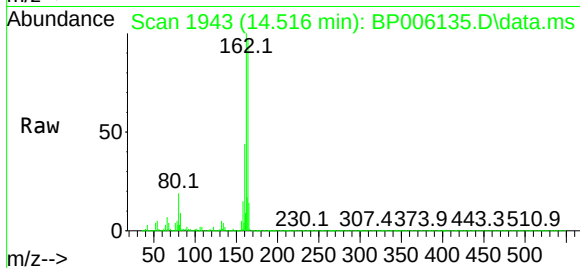




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

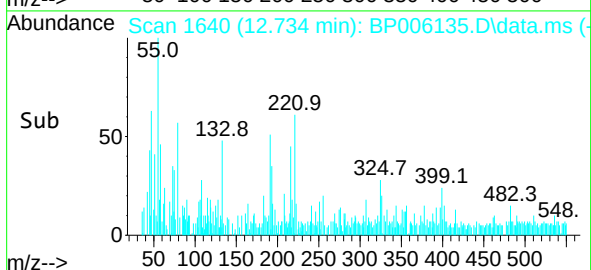
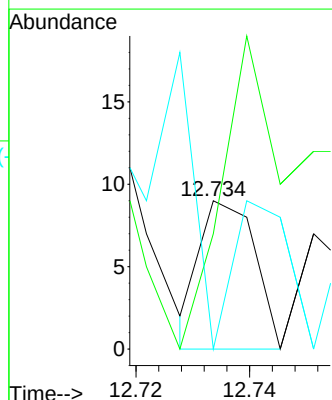
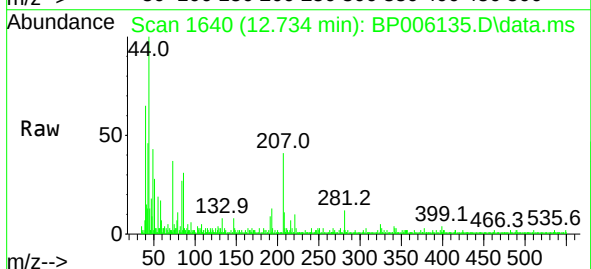
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PB137511BL

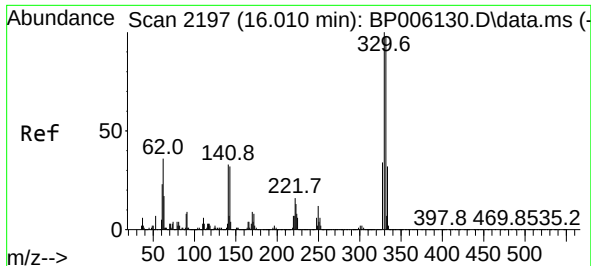
Tgt Ion:164 Resp: 343896
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 45.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.702 ng
RT: 12.734 min Scan# 1640
Delta R.T. 0.053 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion:237 Resp: 6
Ion Ratio Lower Upper
237 100
235 77.8 44.5 84.5
272 0.0 0.0 32.5

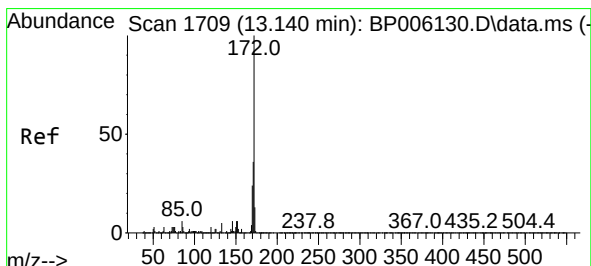
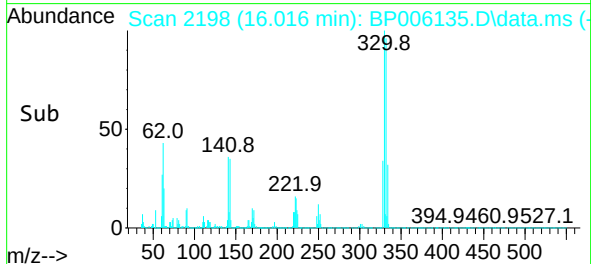
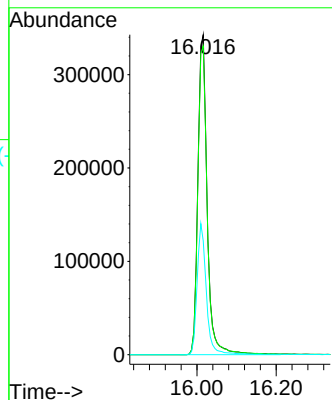
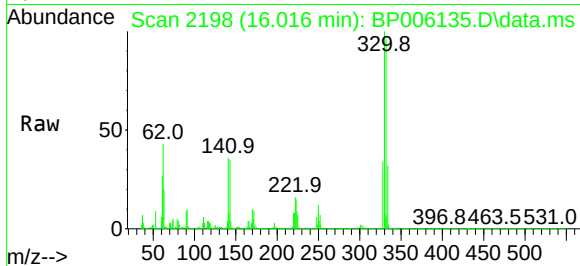




#42
2,4,6-Tribromophenol
Concen: 136.253 ng
RT: 16.016 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

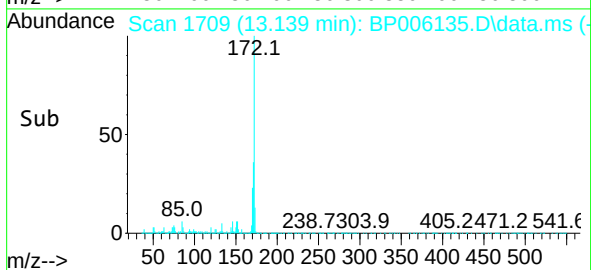
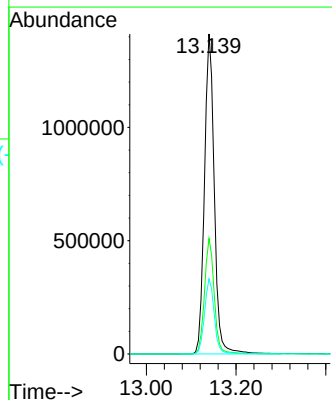
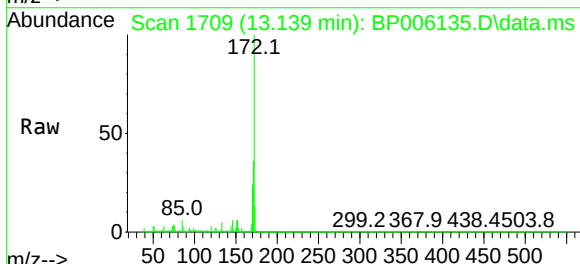
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ClientSampleId :
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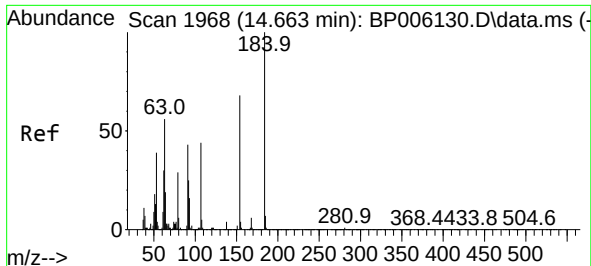
Tgt Ion:330 Resp: 557862
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 40.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 92.577 ng
RT: 13.139 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion:172 Resp: 2153555
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.5 18.6 27.8

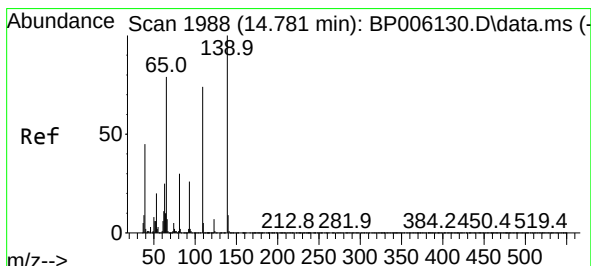
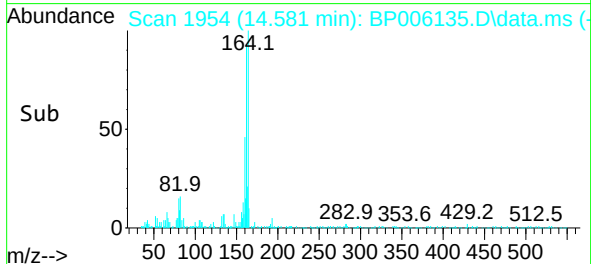
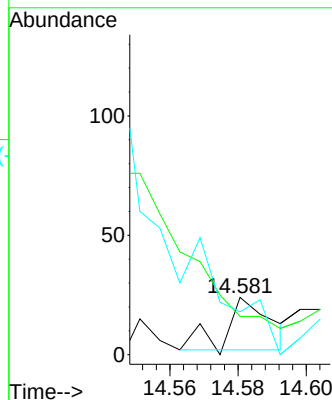
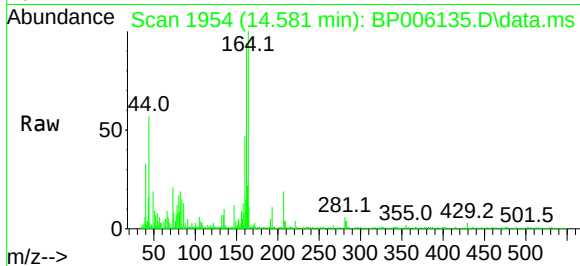




#54
2,4-Dinitrophenol
Concen: 8.886 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.082 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

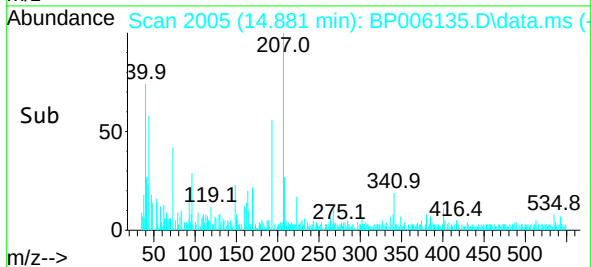
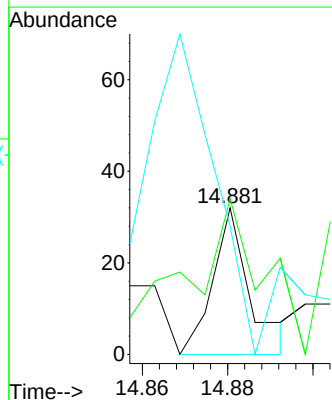
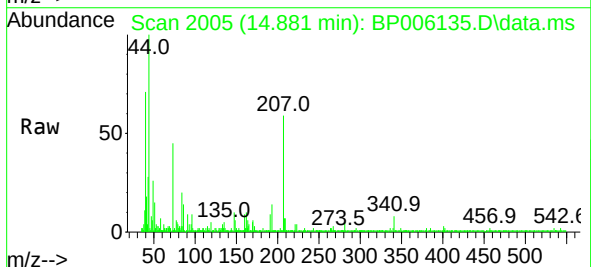
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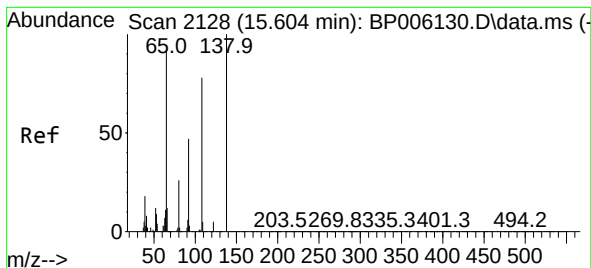
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 66.7 47.0 70.6
154 75.0 52.3 78.5



#56
4-Nitrophenol
Concen: 7.129 ng
RT: 14.881 min Scan# 2005
Delta R.T. 0.100 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 106.3 72.3 112.3
65 87.5 72.5 112.5

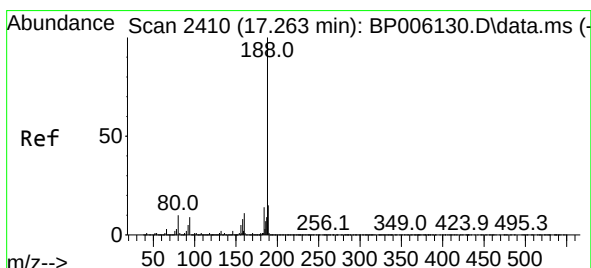
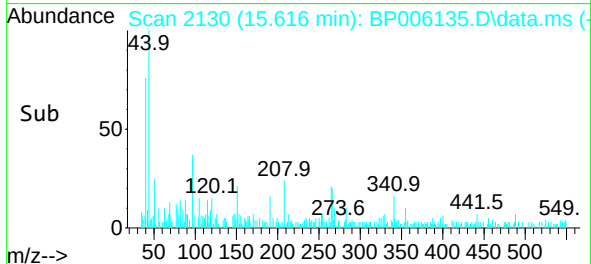
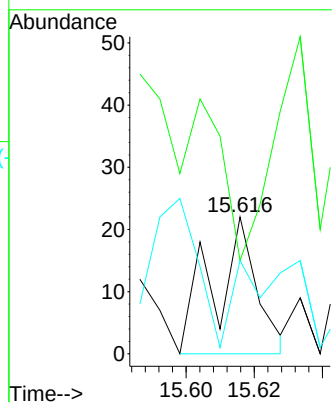
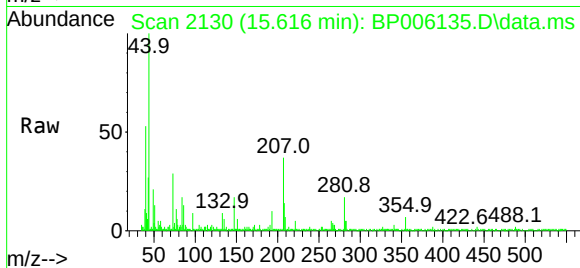




#62
4-Nitroaniline
Concen: 2.962 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

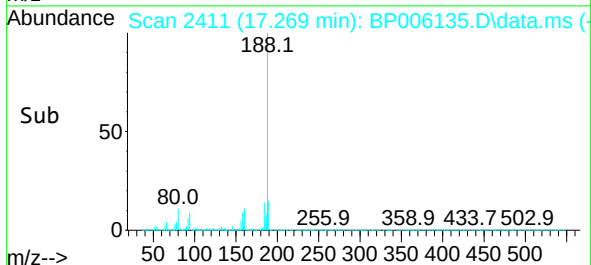
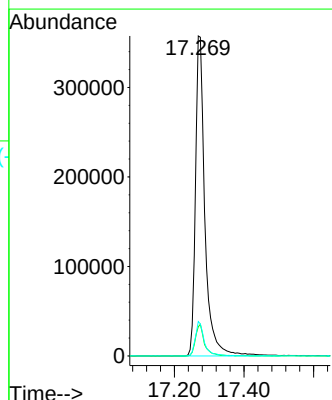
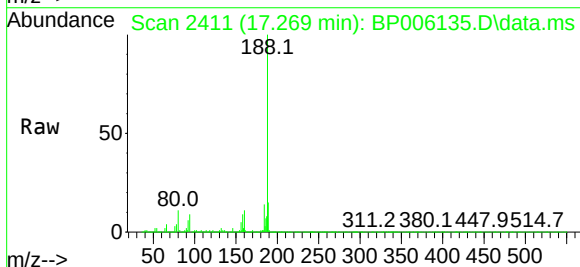
Instrument :
BNA_P
ClientSampleId :
PB137511BL

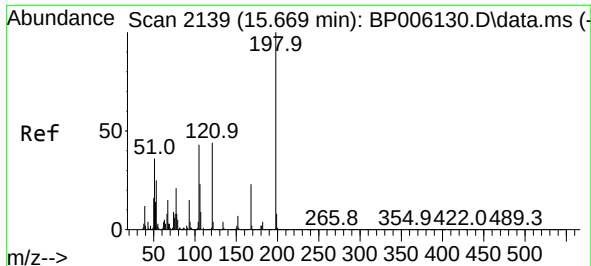
Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
92 68.2 31.2 71.2
108 68.2 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion:188 Resp: 676854
Ion Ratio Lower Upper
188 100
94 9.1 5.6 8.4#
80 10.7 6.3 9.5#

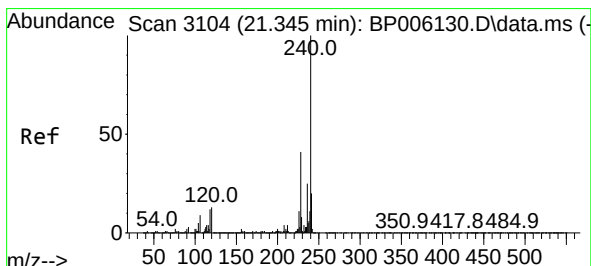
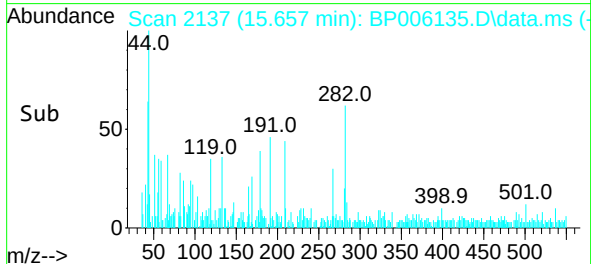
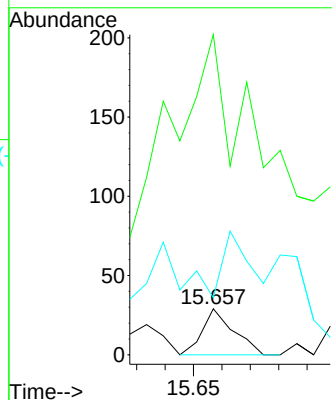
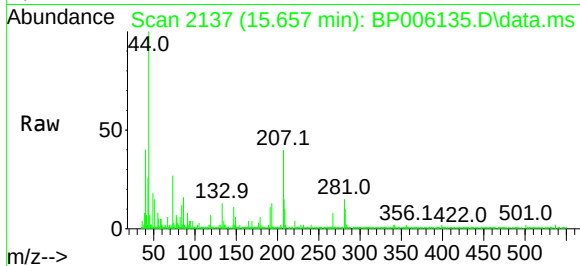




#65
4,6-Dinitro-2-methylphenol
Concen: 4.423 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

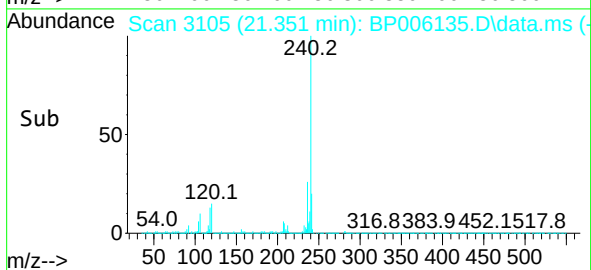
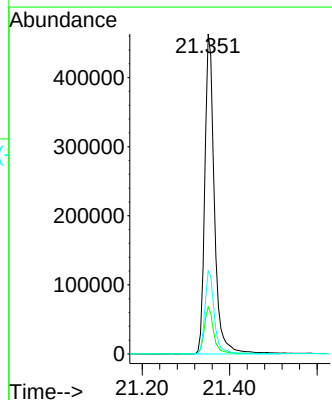
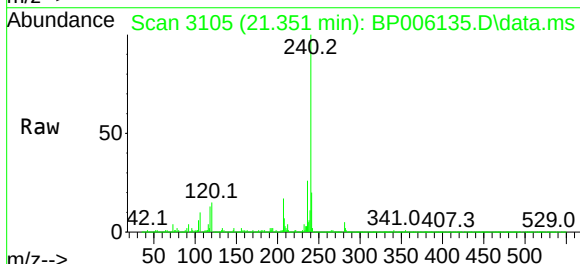
Instrument :
BNA_P
ClientSampleId :
PB137511BL

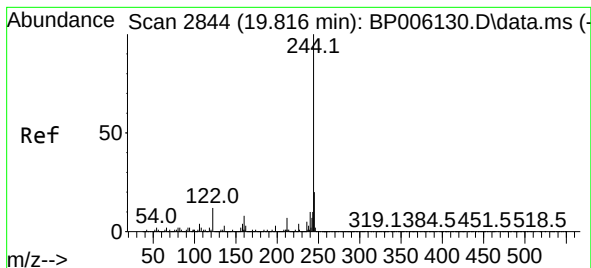
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 696.6 14.0 54.0#
105 124.1 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BP006135.D
Acq: 07 Jul 2021 16:52

Tgt Ion:240 Resp: 708512
Ion Ratio Lower Upper
240 100
120 14.7 6.5 9.7#
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 89.833 ng

RT: 19.821 min Scan# 2845

Delta R.T. 0.006 min

Lab File: BP006135.D

Acq: 07 Jul 2021 16:52

Instrument :

BNA_P

ClientSampleId :

PB137511BL

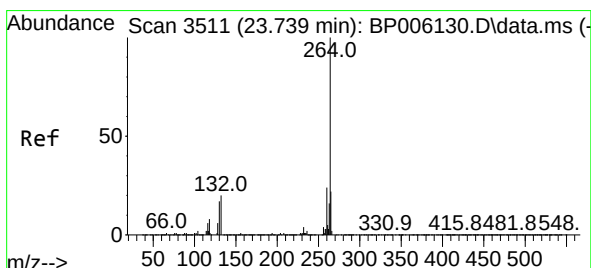
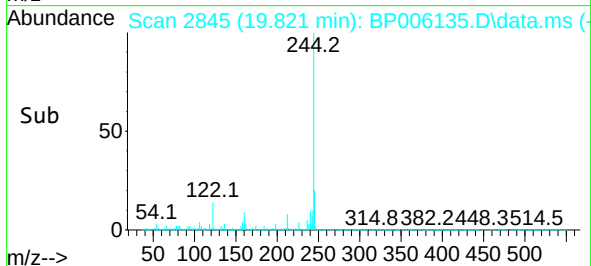
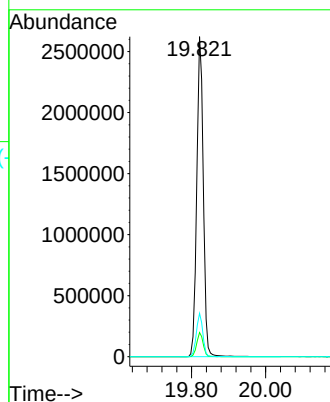
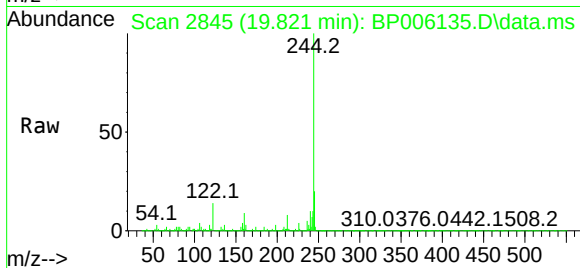
Tgt Ion:244 Resp: 3228194

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 13.6 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: BP006135.D

Acq: 07 Jul 2021 16:52

Tgt Ion:264 Resp: 818873

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.7 17.6 26.4

