

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006222.D
 Acq On : 14 Jul 2021 17:18
 Operator : CG/JU
 Sample : M3026-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-1

Quant Time: Jul 14 18:04:05 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)

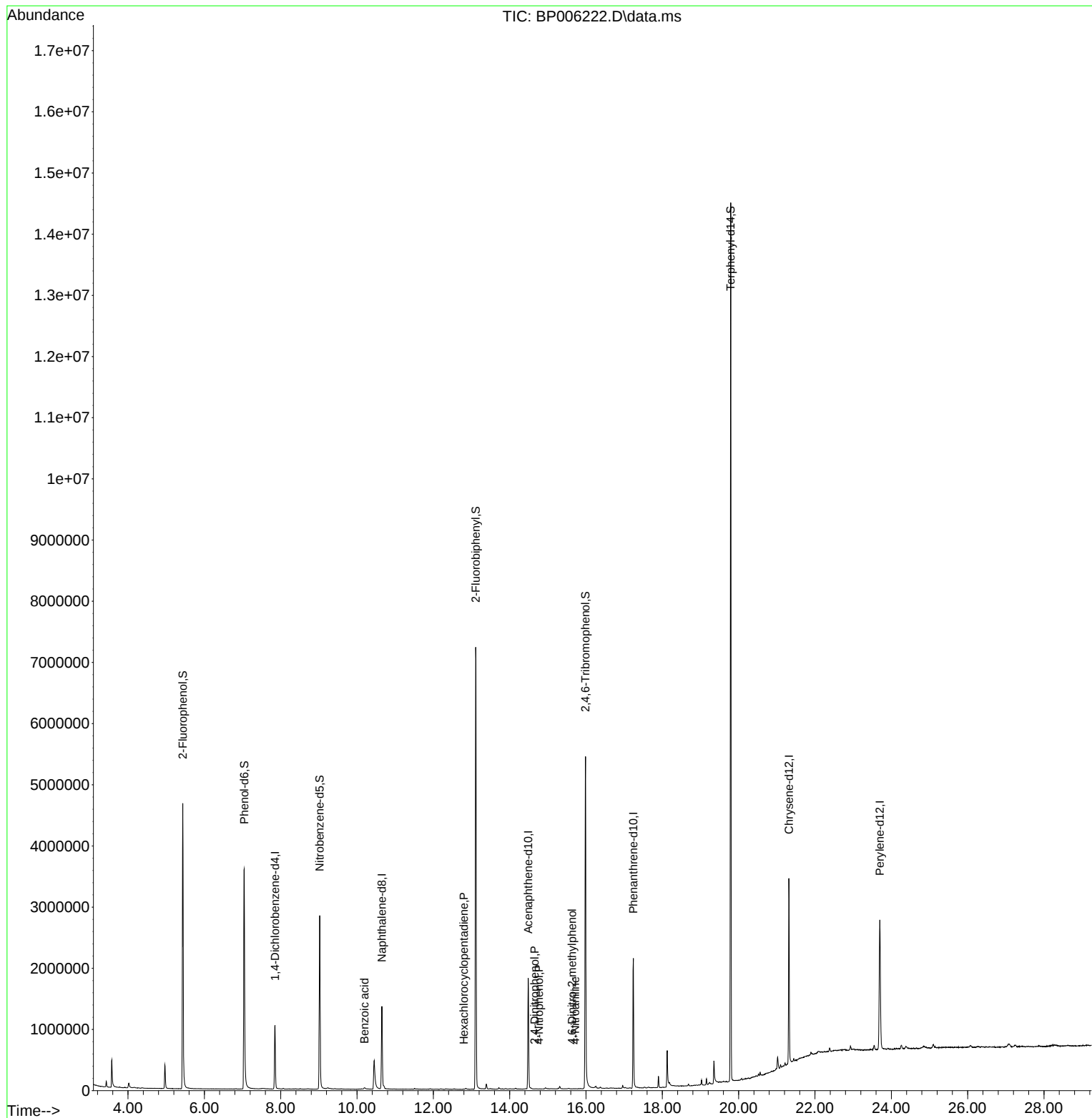
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	319633	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	1229576	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	665125	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1325164	20.000	ng	#-0.01
76) Chrysene-d12	21.316	240	1421197	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	1658102	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2364065	127.262	ng	0.00
7) Phenol-d6	7.046	99	2545581	103.599	ng	0.00
23) Nitrobenzene-d5	9.022	82	1692762	86.960	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	1295159	163.556	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3855515	85.695	ng	-0.01
79) Terphenyl-d14	19.792	244	6171415	85.616	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.199	122	16755	8.072	ng	# 18
41) Hexachlorocyclopentadiene	12.798	237	33	8.712	ng	90
54) 2,4-Dinitrophenol	14.651	184	34	8.885	ng	# 28
56) 4-Nitrophenol	14.769	139	41	7.129	ng	# 33
62) 4-Nitroaniline	15.716	138	122	2.969	ng	85
65) 4,6-Dinitro-2-methylph...	15.634	198	77	4.427	ng	# 1

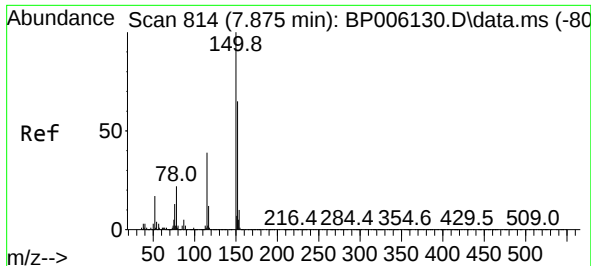
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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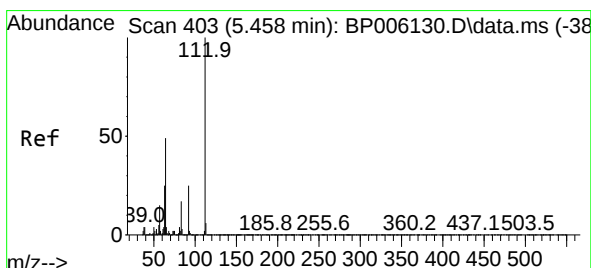
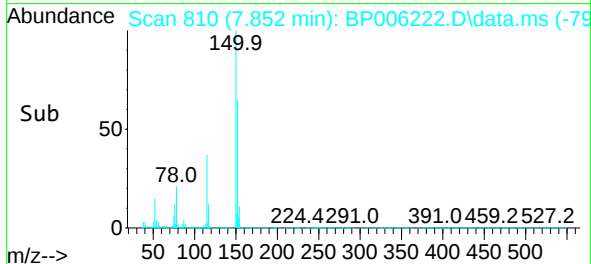
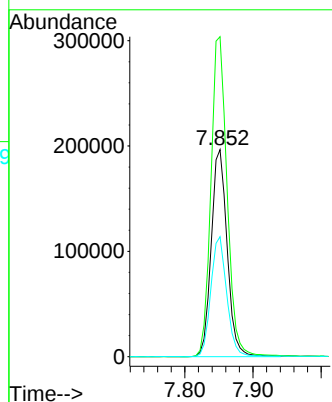
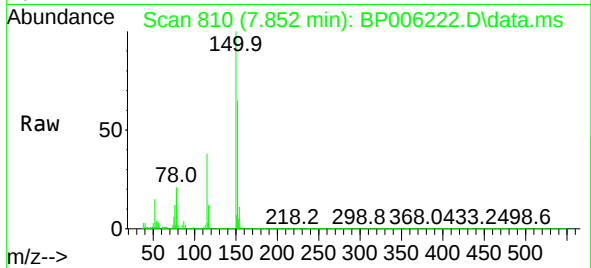




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

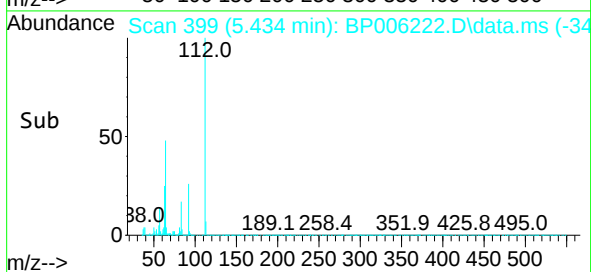
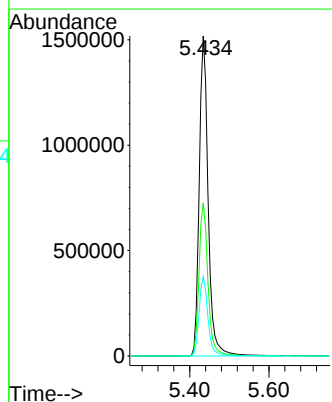
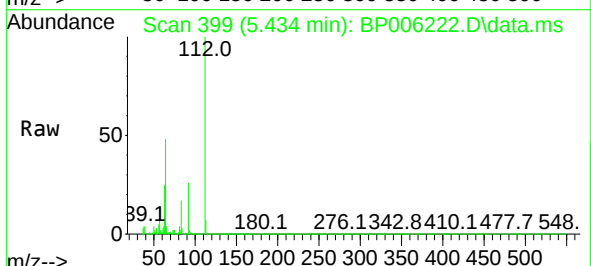
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

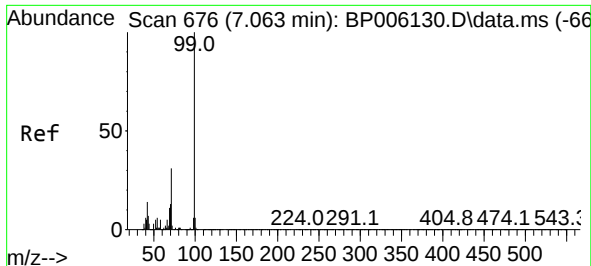
Tgt Ion:152 Resp: 319633
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 58.0 48.5 72.7



#5
2-Fluorophenol
Concen: 127.262 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion:112 Resp: 2364065
Ion Ratio Lower Upper
112 100
64 47.9 41.4 62.2
63 24.8 23.8 35.8



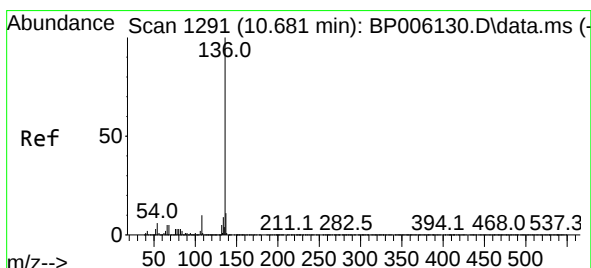
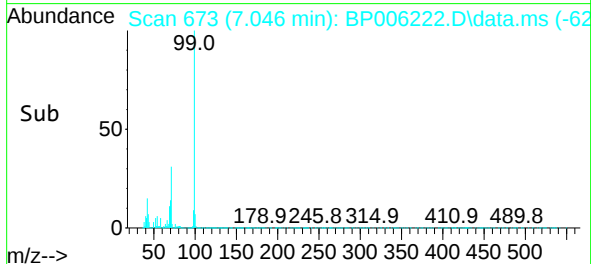
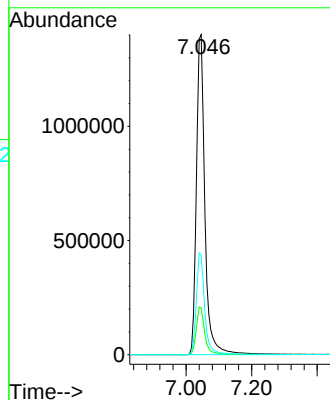
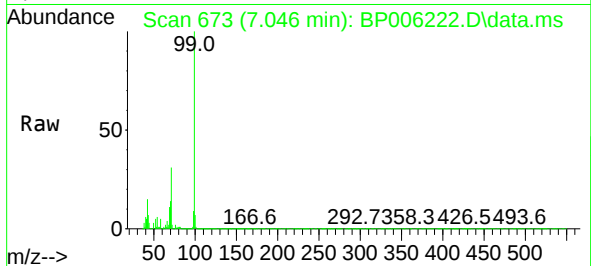


#7
Phenol-d6
Concen: 103.599 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

Tgt Ion: 99 Resp: 2545581

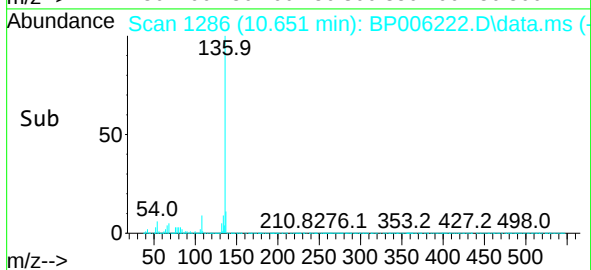
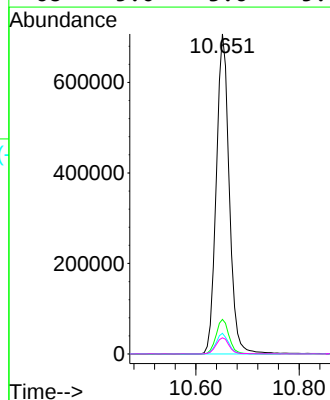
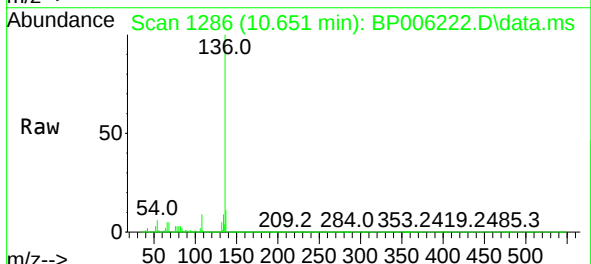
Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.4	20.0
71	31.1	30.6	46.0

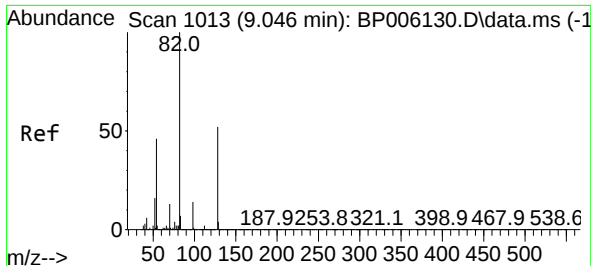


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion: 136 Resp: 1229576

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.4	4.6	6.8
68	5.0	3.6	5.4

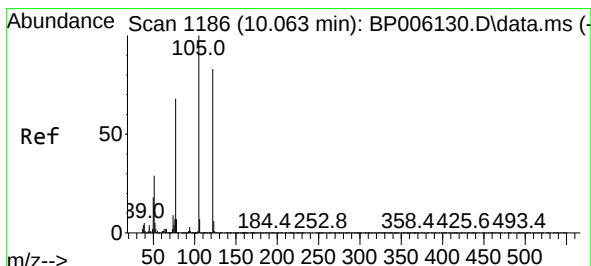
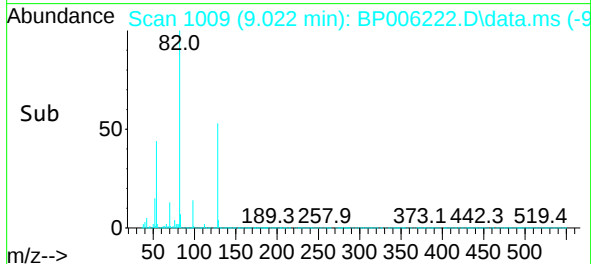
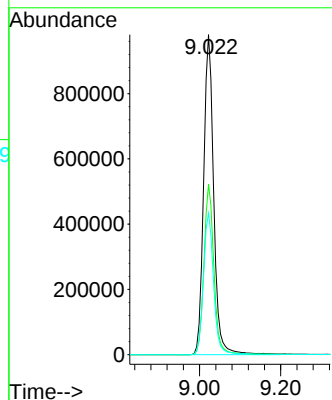
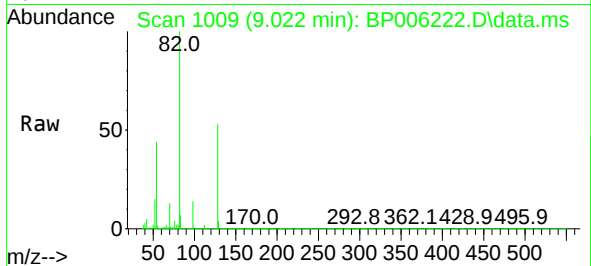




#23
Nitrobenzene-d5
Concen: 86.960 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

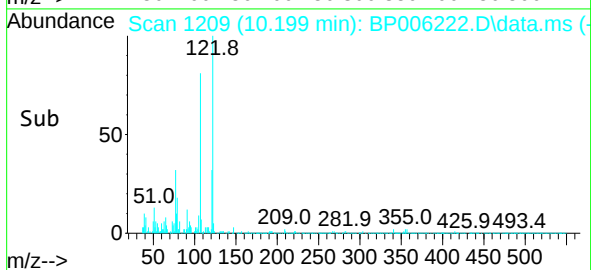
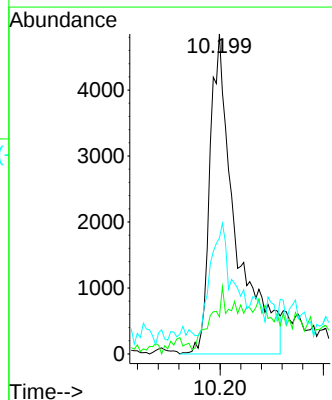
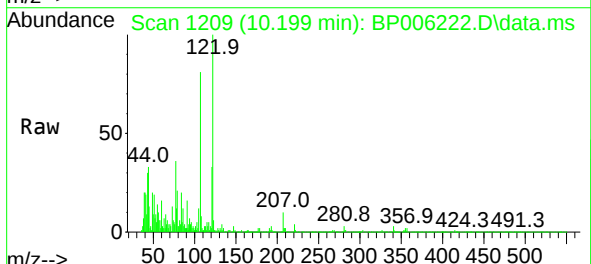
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

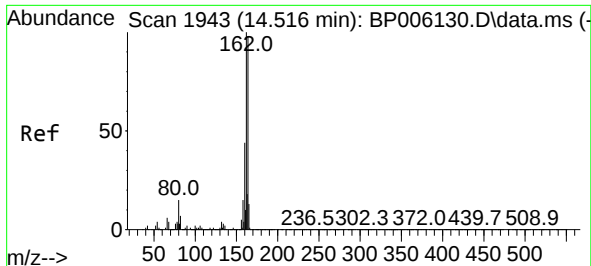
Tgt Ion: 82 Resp: 1692762
Ion Ratio Lower Upper
82 100
128 53.2 35.7 53.5
54 44.2 35.0 52.4



#32
Benzoic acid
Concen: 8.072 ng
RT: 10.199 min Scan# 1209
Delta R.T. 0.136 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion: 122 Resp: 16755
Ion Ratio Lower Upper
122 100
105 11.6 103.2 143.2#
77 36.2 76.2 116.2#

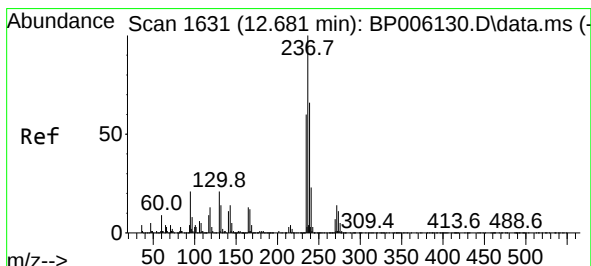
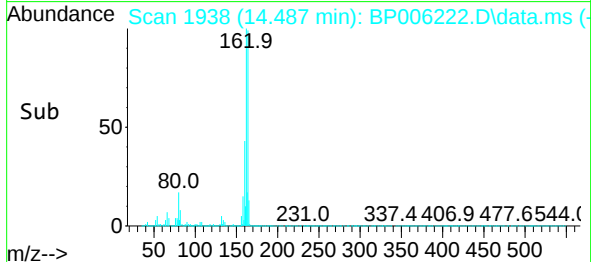
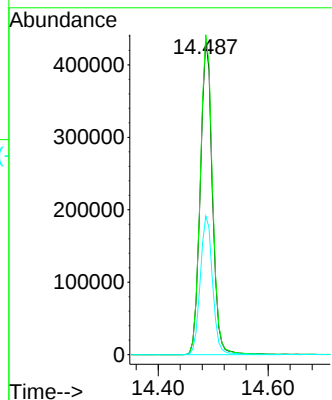
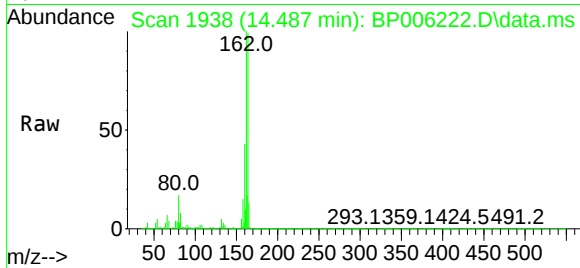




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

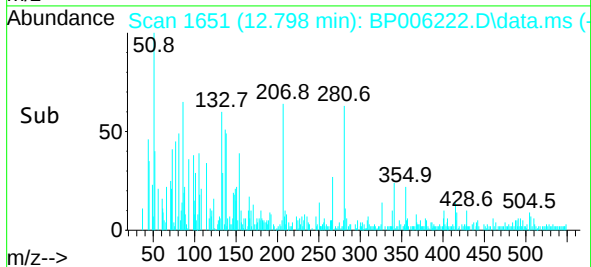
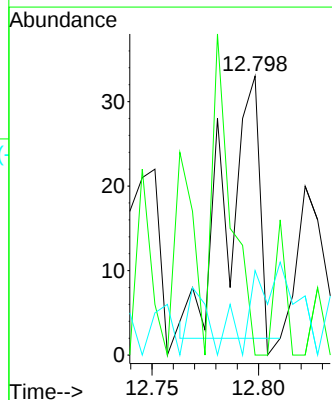
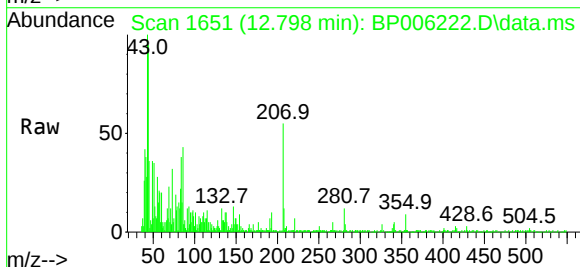
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

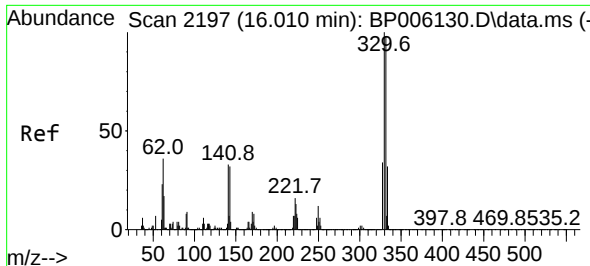
Tgt Ion:164 Resp: 665125
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 43.9 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.712 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.130 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion:237 Resp: 33
Ion Ratio Lower Upper
237 100
235 66.7 44.5 84.5
272 30.3 0.0 32.5

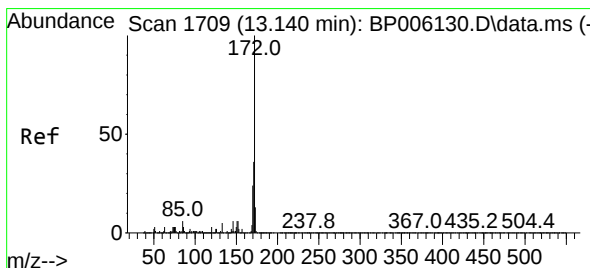
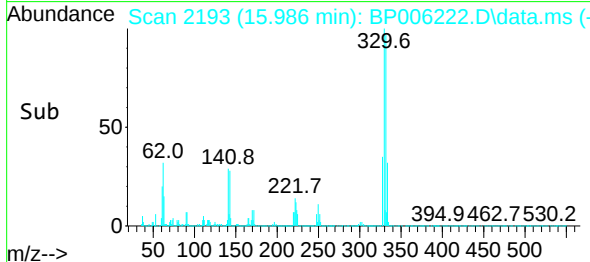
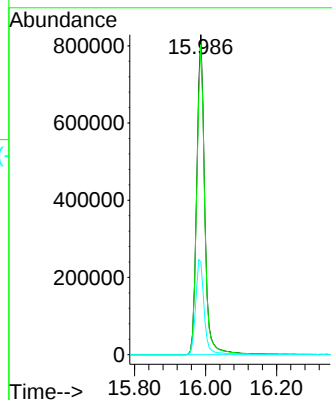
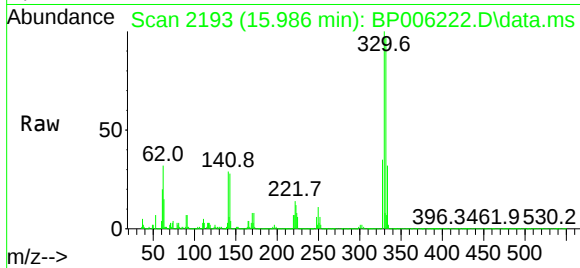




#42
2,4,6-Tribromophenol
Concen: 163.556 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

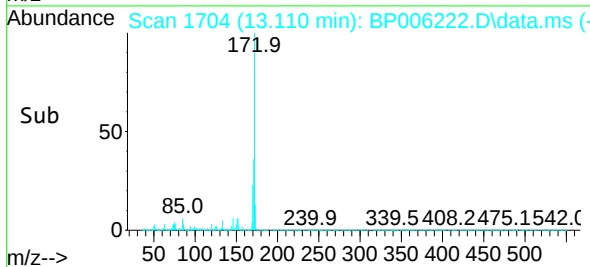
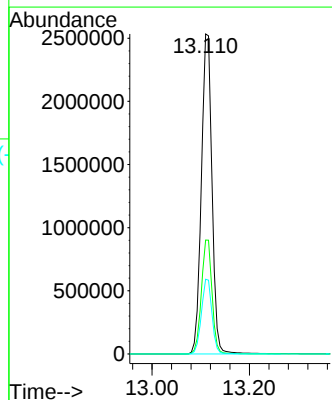
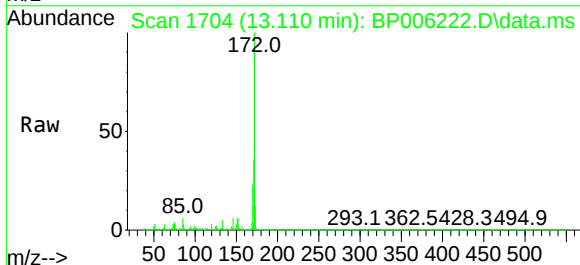
Instrument :
BNA_P
ClientSampled :
ABN-JG-1

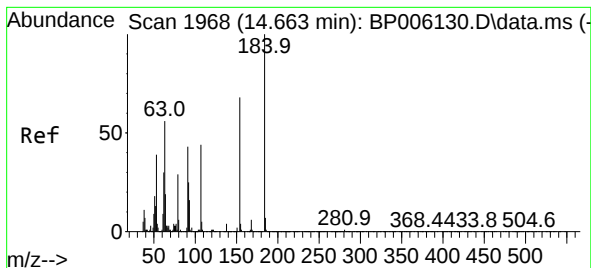
Tgt Ion: 330 Resp: 1295159
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 31.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 85.695 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion: 172 Resp: 3855515
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.3 18.6 27.8

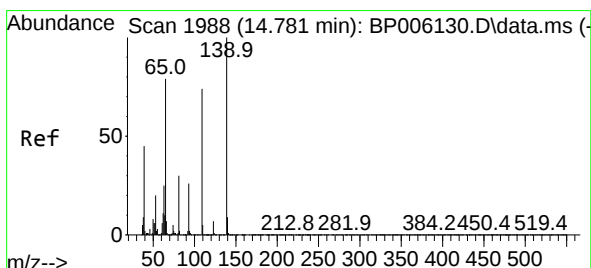
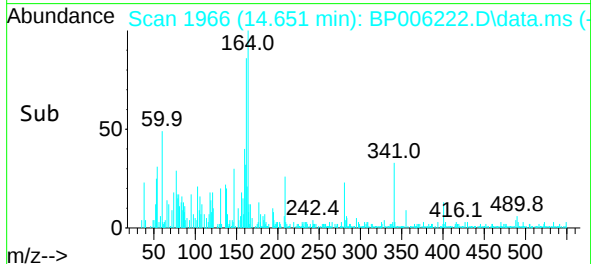
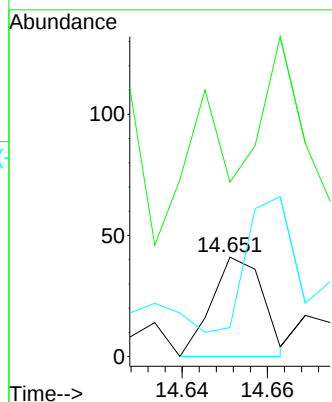
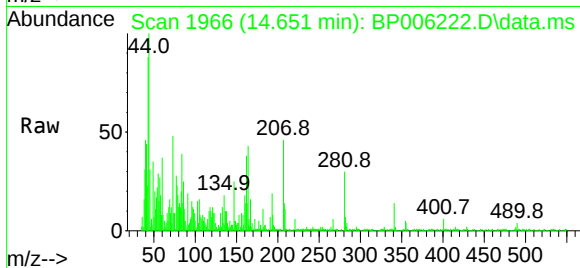




#54
2,4-Dinitrophenol
Concen: 8.885 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

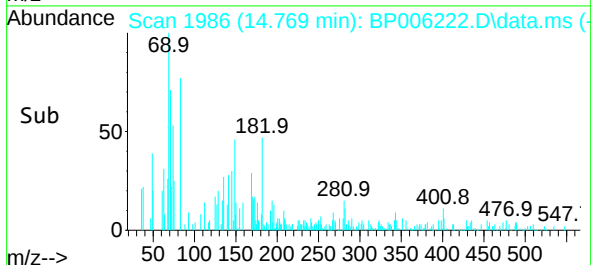
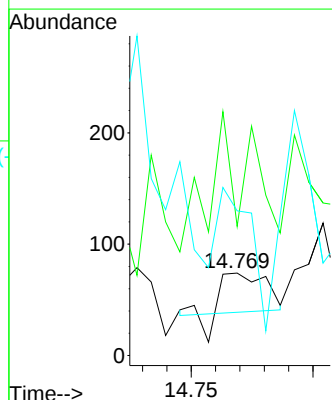
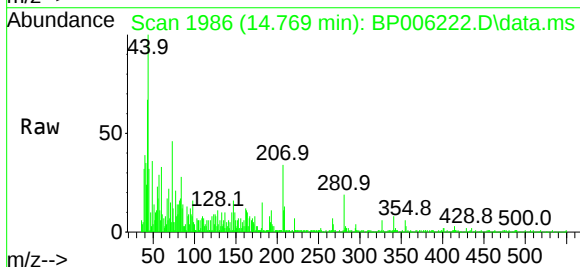
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BNA_P
ClientSampled :
ABN-JG-1

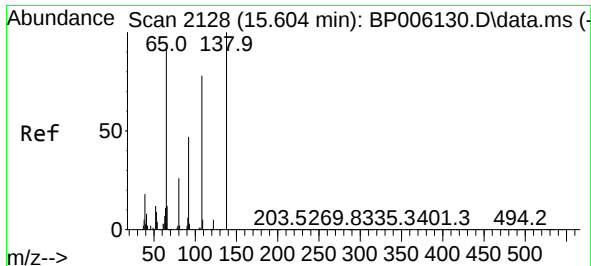
Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 119.8 47.0 70.6#
154 14.8 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.129 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion:139 Resp: 41
Ion Ratio Lower Upper
139 100
109 205.0 72.3 112.3#
65 107.4 72.5 112.5

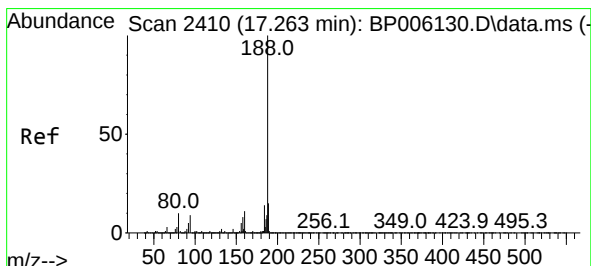
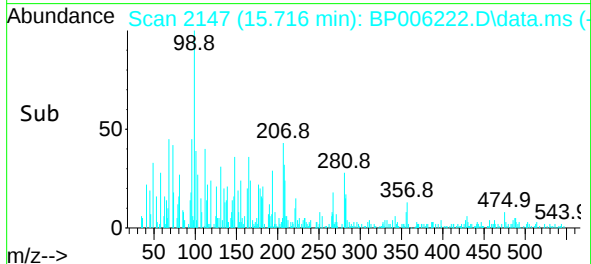
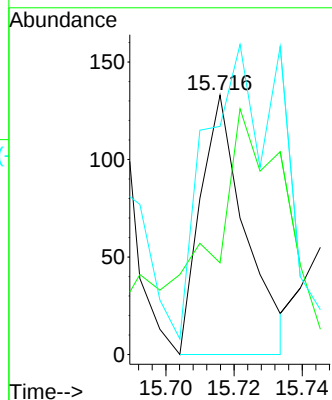
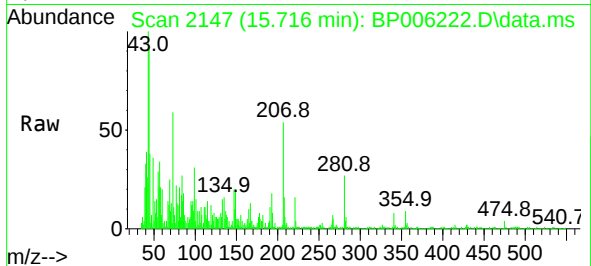




#62
4-Nitroaniline
Concen: 2.969 ng
RT: 15.716 min Scan# 2147
Delta R.T. 0.124 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

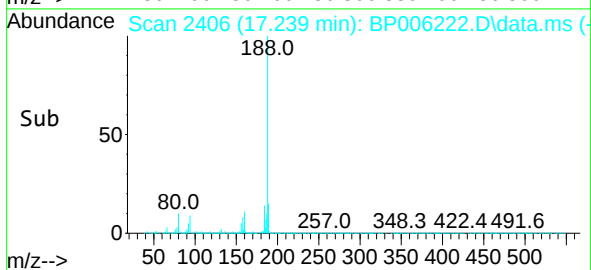
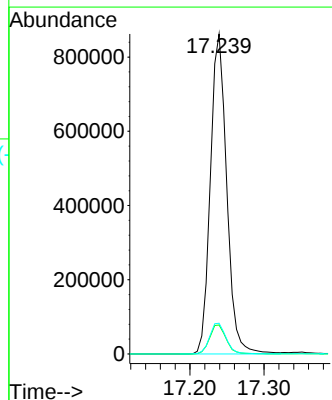
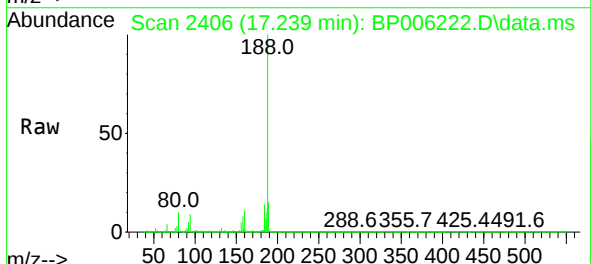
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

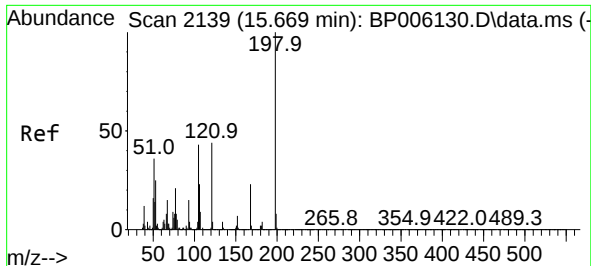
Tgt Ion:138 Resp: 122
Ion Ratio Lower Upper
138 100
92 35.3 31.2 71.2
108 88.0 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion:188 Resp: 1325164
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.6 6.3 9.5#

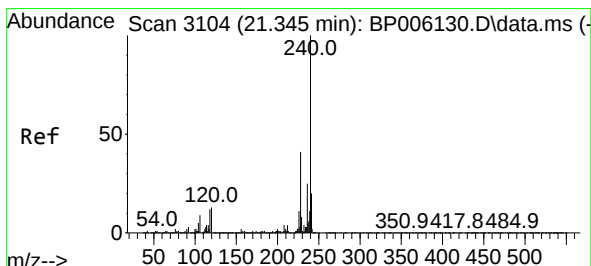
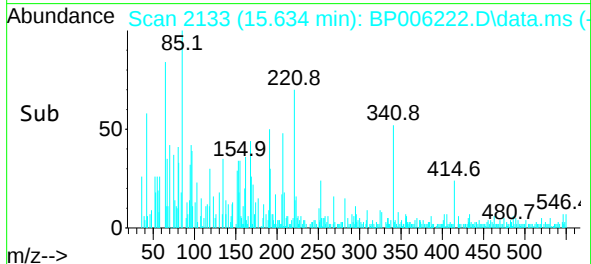
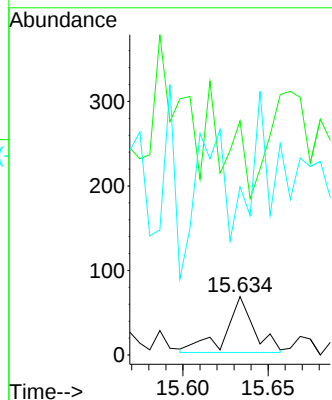
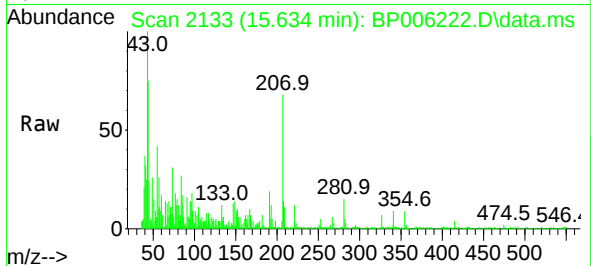




#65
4,6-Dinitro-2-methylphenol
Concen: 4.427 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.023 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

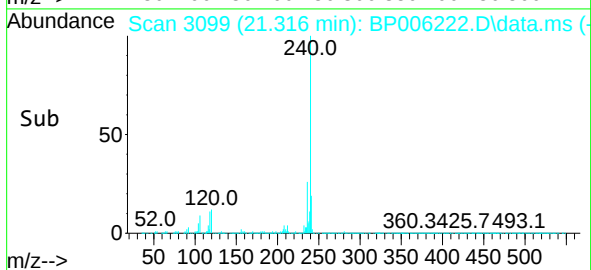
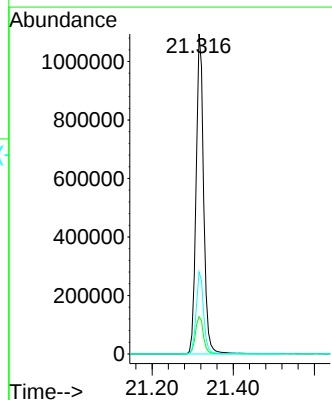
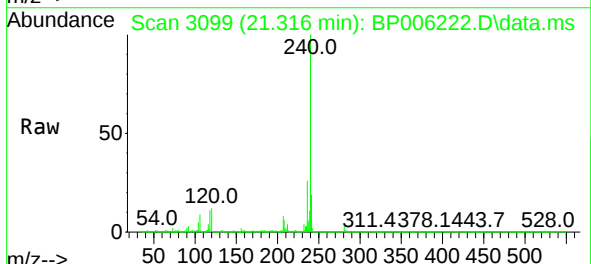
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

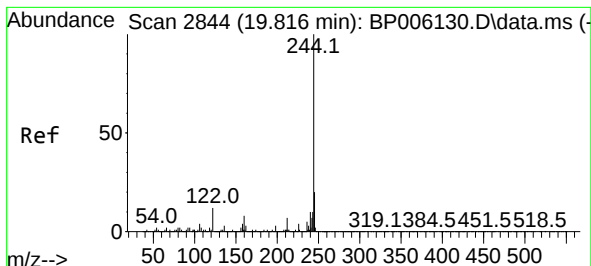
Tgt Ion:198 Resp: 77
Ion Ratio Lower Upper
198 100
51 374.3 14.0 54.0#
105 268.9 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006222.D
Acq: 14 Jul 2021 17:18

Tgt Ion:240 Resp: 1421197
Ion Ratio Lower Upper
240 100
120 11.7 6.5 9.7#
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 85.616 ng

RT: 19.792 min Scan# 2840

Delta R.T. -0.011 min

Lab File: BP006222.D

Acq: 14 Jul 2021 17:18

Instrument :

BNA_P

ClientSampleId :

ABN-JG-1

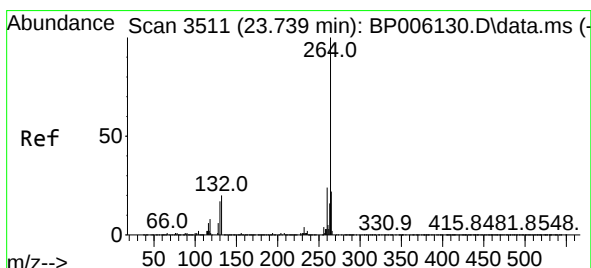
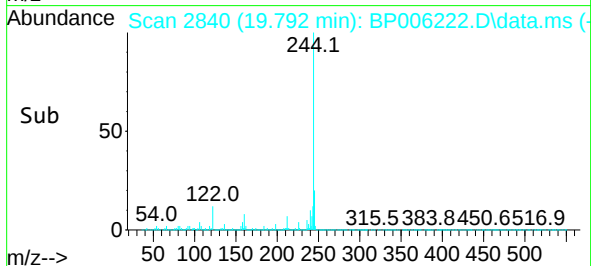
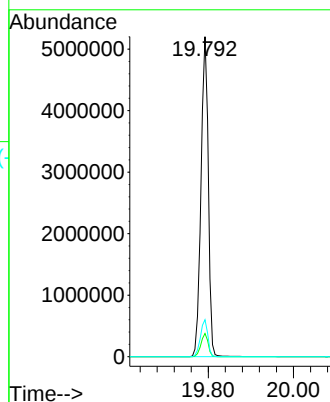
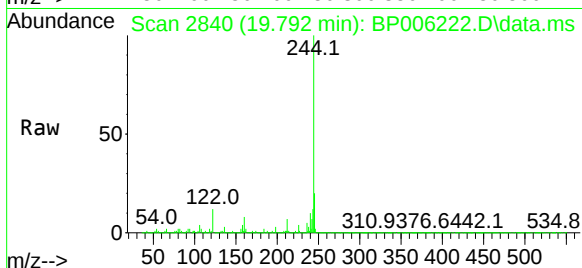
Tgt Ion:244 Resp: 6171415

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 11.6 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3504

Delta R.T. -0.017 min

Lab File: BP006222.D

Acq: 14 Jul 2021 17:18

Tgt Ion:264 Resp: 1658102

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.9 17.6 26.4

