

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006218.D
 Acq On : 14 Jul 2021 15:01
 Operator : CG/JU
 Sample : M3012-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PS-TP1

Quant Time: Jul 14 15:47:51 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)

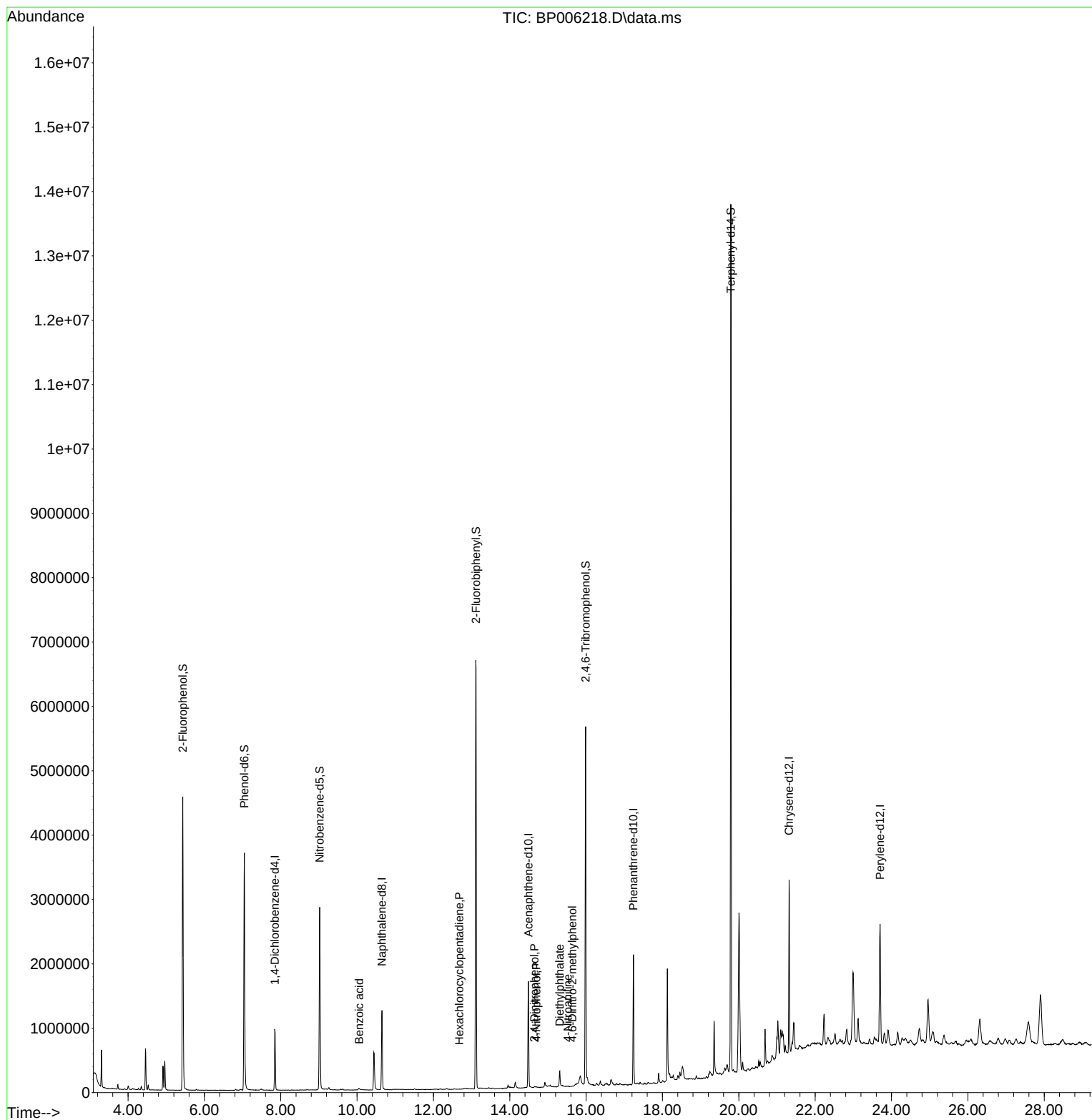
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	273526	20.000	ng	-0.02
21) Naphthalene-d8	10.652	136	1055067	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	557181	20.000	ng	-0.01
64) Phenanthrene-d10	17.240	188	1130245	20.000	ng	#-0.01
76) Chrysene-d12	21.316	240	1171210	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	1337624	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2217854	139.516	ng	0.00
7) Phenol-d6	7.046	99	2352550	111.882	ng	0.00
23) Nitrobenzene-d5	9.022	82	1644643	98.462	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	1119622	168.781	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	3474326	92.183	ng	0.00
79) Terphenyl-d14	19.792	244	5719618	96.285	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.058	122	12044	7.882	ng	# 81
41) Hexachlorocyclopentadiene	12.681	237	16	8.705	ng	82
54) 2,4-Dinitrophenol	14.646	184	29	8.885	ng	# 1
56) 4-Nitrophenol	14.698	139	240	7.156	ng	94
60) Diethylphthalate	15.310	149	211168	5.139	ng	97
62) 4-Nitroaniline	15.522	138	544	3.013	ng	81
65) 4,6-Dinitro-2-methylph...	15.640	198	169	4.440	ng	# 1

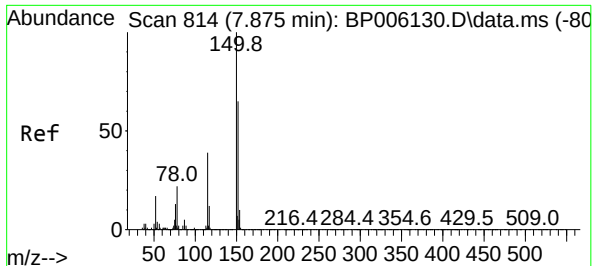
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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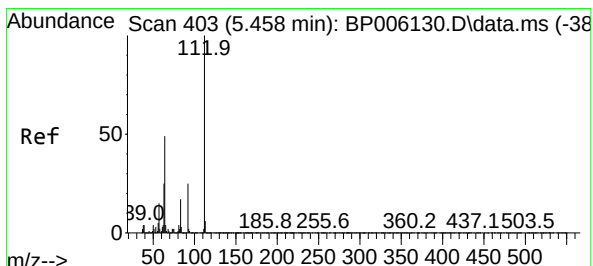
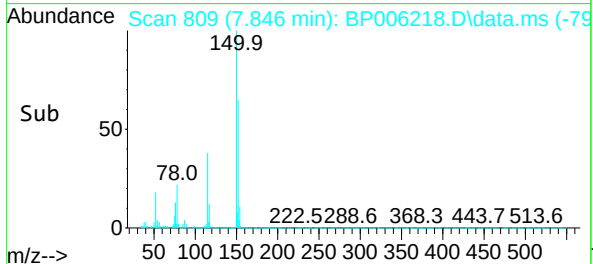
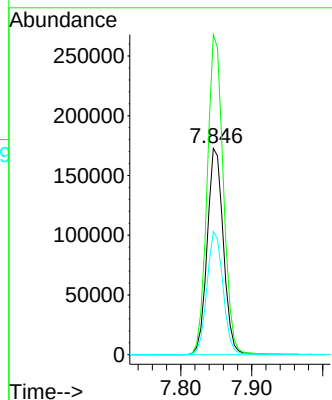
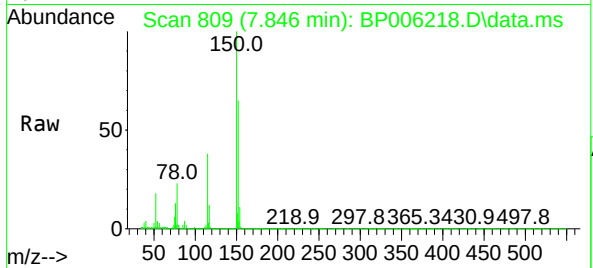




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

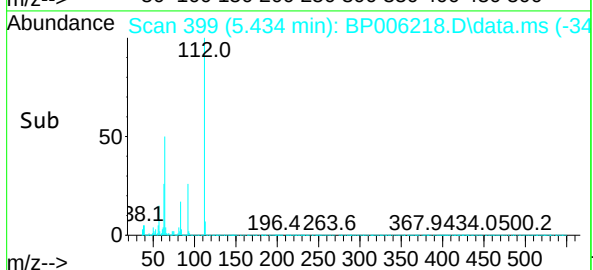
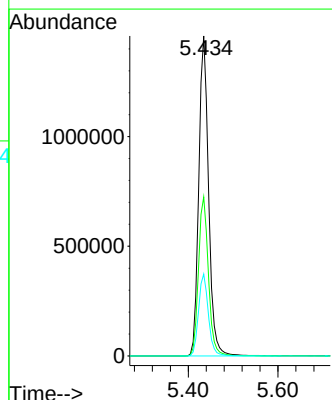
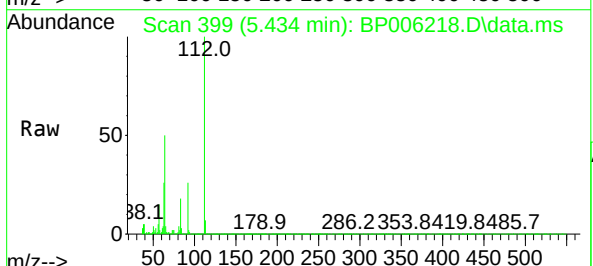
Instrument :
BNA_P
ClientSampleId :
PS-TP1

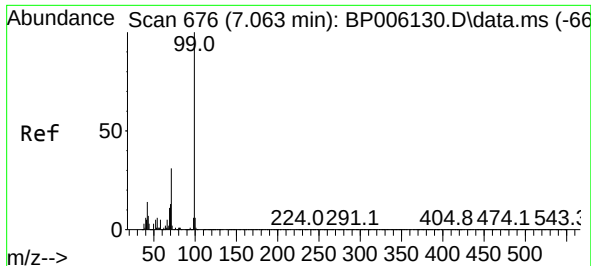
Tgt Ion:152 Resp: 273526
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 59.6 48.5 72.7



#5
2-Fluorophenol
Concen: 139.516 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion:112 Resp: 2217854
Ion Ratio Lower Upper
112 100
64 49.7 41.4 62.2
63 25.6 23.8 35.8

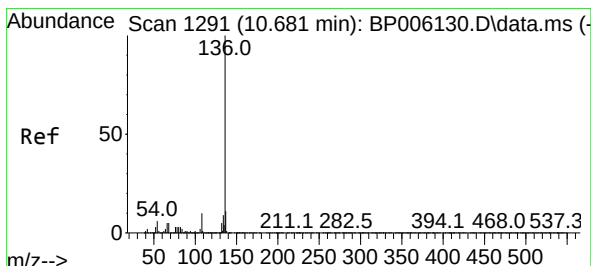
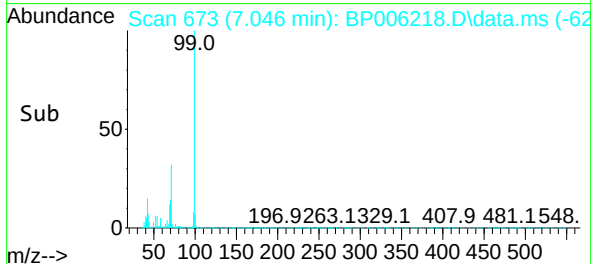
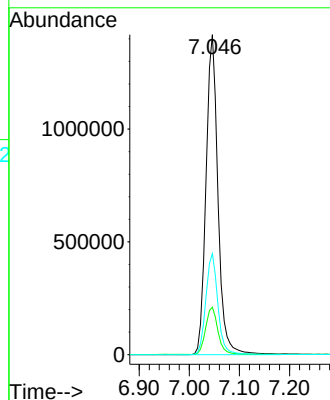
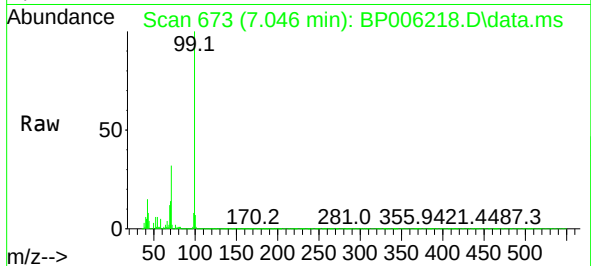




#7
Phenol-d6
Concen: 111.882 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

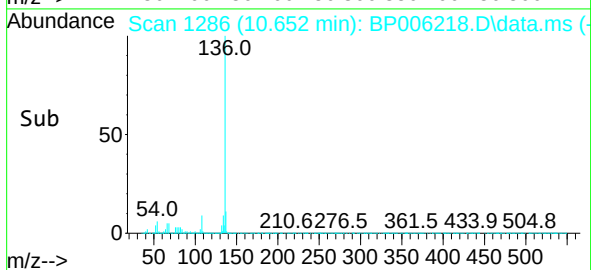
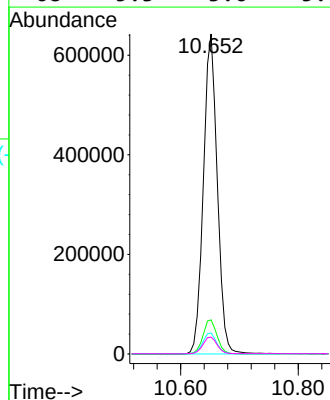
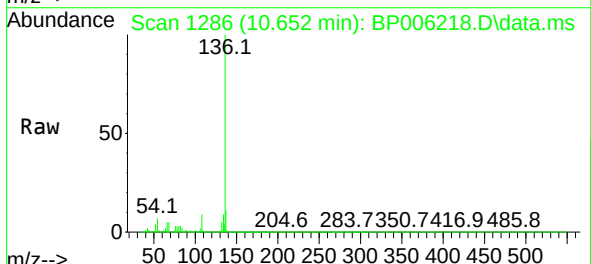
Instrument :
BNA_P
ClientSampleId :
PS-TP1

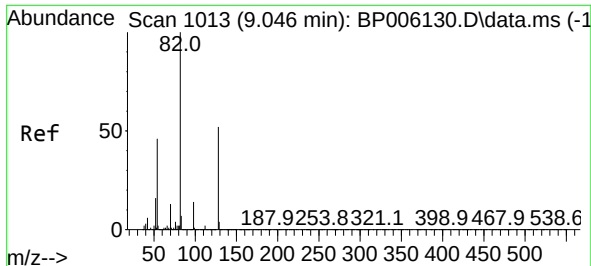
Tgt Ion: 99 Resp: 2352550
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 31.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion: 136 Resp: 1055067
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.5 4.6 6.8
68 5.3 3.6 5.4

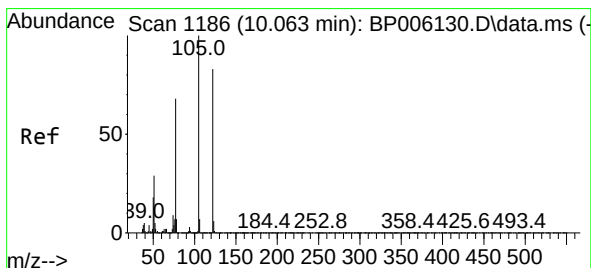
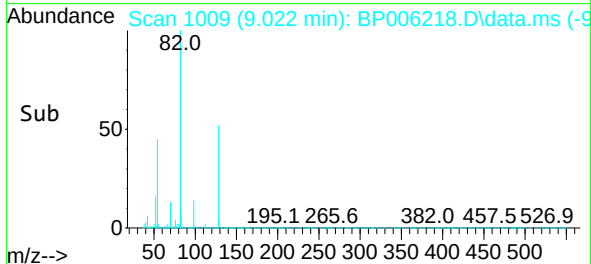
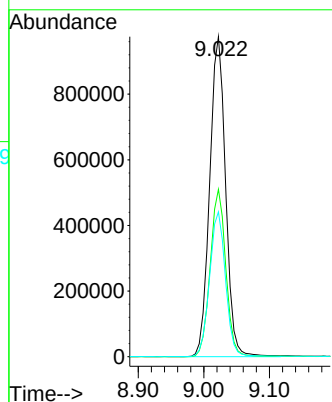
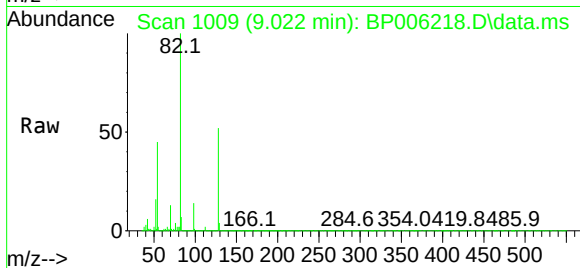




#23
Nitrobenzene-d5
Concen: 98.462 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

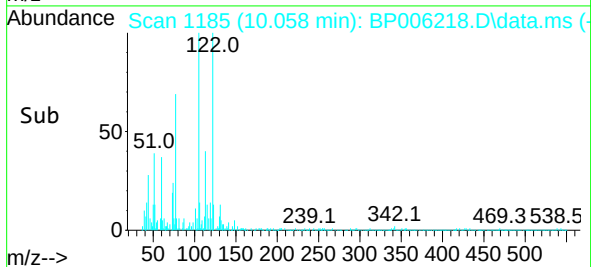
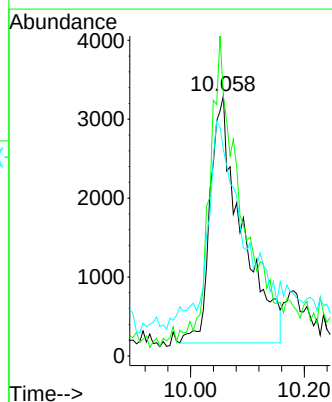
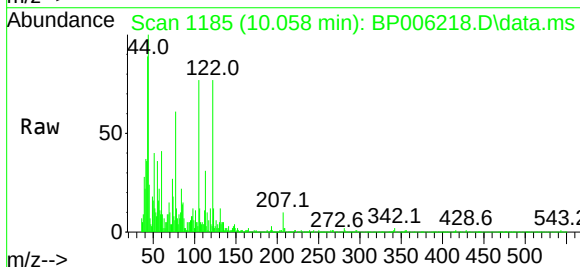
Instrument :
BNA_P
ClientSampleId :
PS-TP1

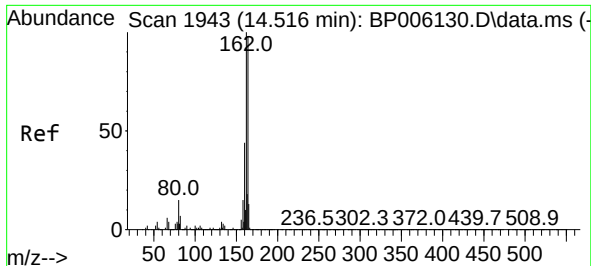
Tgt Ion: 82 Resp: 1644643
Ion Ratio Lower Upper
82 100
128 52.3 35.7 53.5
54 45.3 35.0 52.4



#32
Benzoic acid
Concen: 7.882 ng
RT: 10.058 min Scan# 1185
Delta R.T. -0.005 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion: 122 Resp: 12044
Ion Ratio Lower Upper
122 100
105 99.8 103.2 143.2#
77 79.2 76.2 116.2

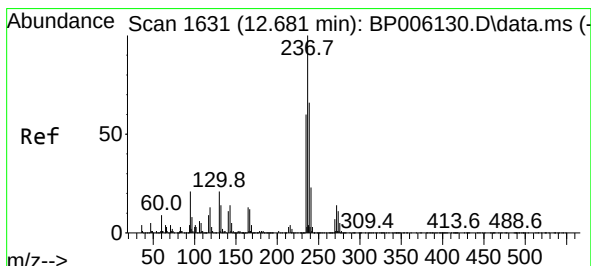
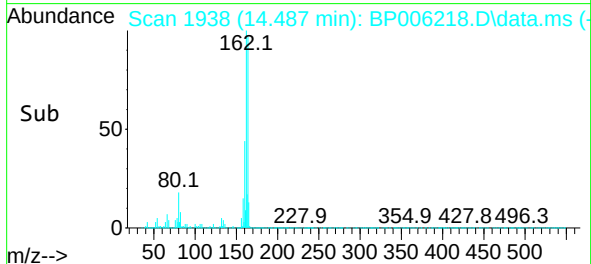
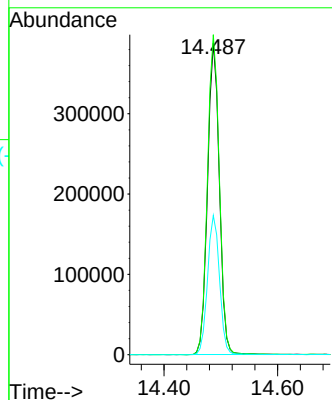
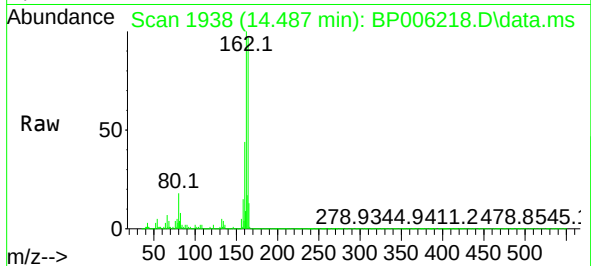




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

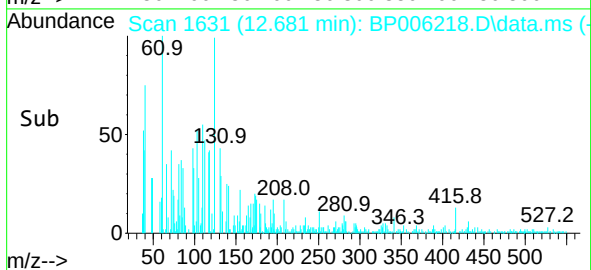
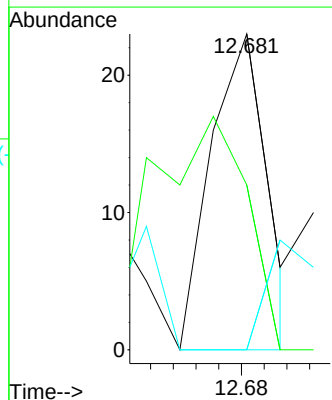
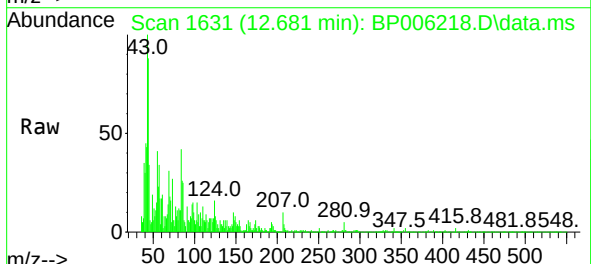
Instrument :
BNA_P
ClientSampleId :
PS-TP1

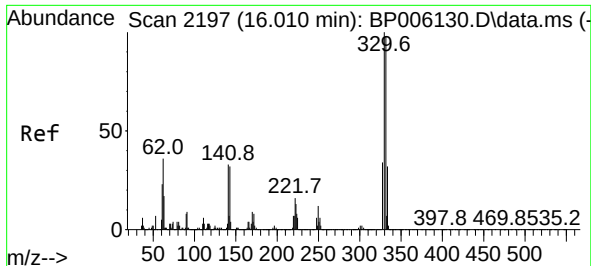
Tgt Ion:164 Resp: 557181
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 44.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.705 ng
RT: 12.681 min Scan# 1631
Delta R.T. 0.012 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 52.2 44.5 84.5
272 0.0 0.0 32.5

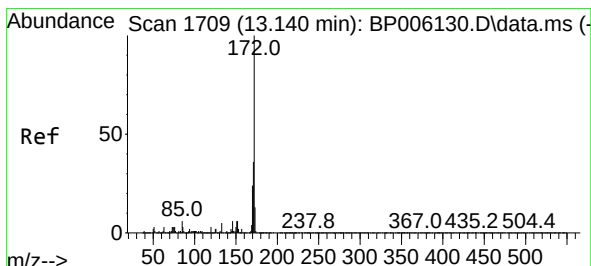
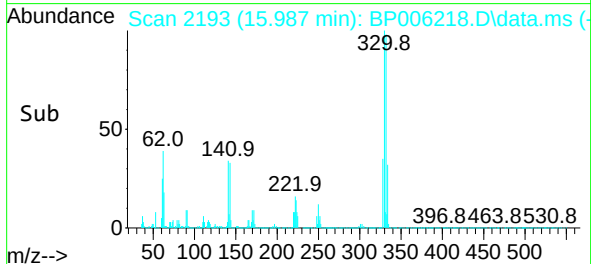
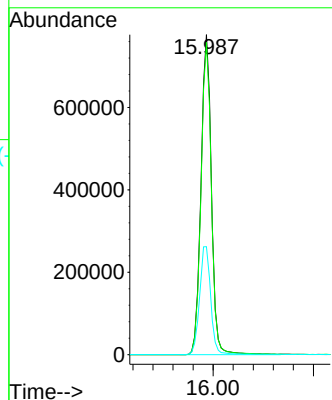
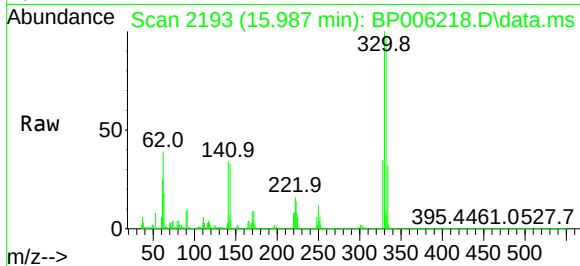




#42
2,4,6-Tribromophenol
Concen: 168.781 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

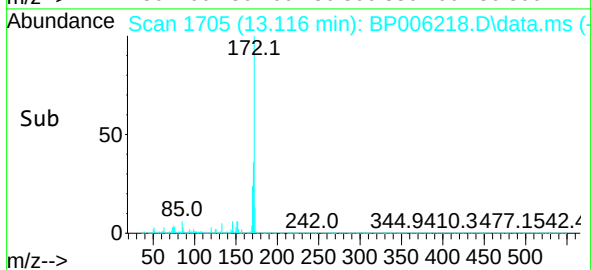
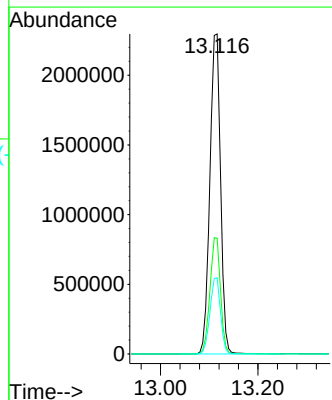
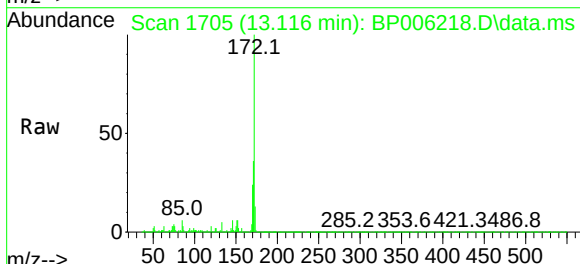
Instrument :
BNA_P
ClientSampleId :
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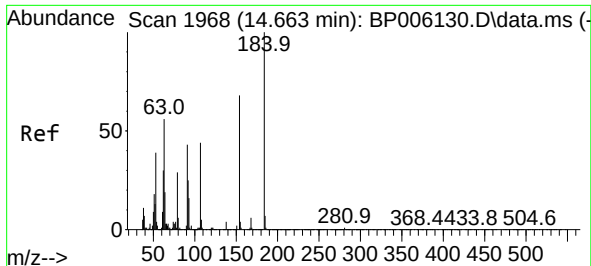
Tgt Ion:330 Resp: 1119622
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 36.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 92.183 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion:172 Resp: 3474326
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.8 18.6 27.8

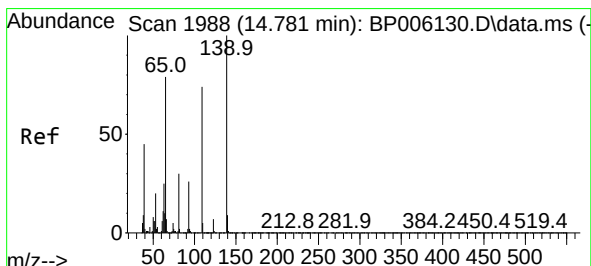
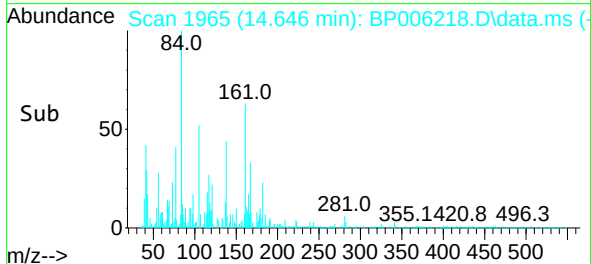
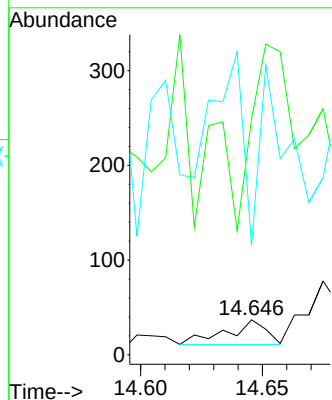
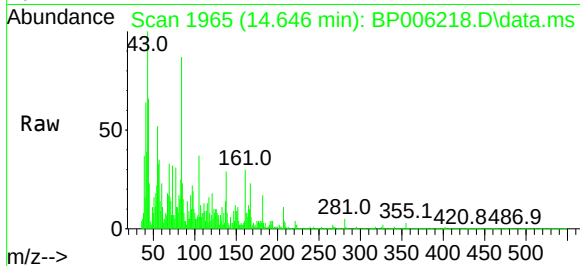




#54
2,4-Dinitrophenol
Concen: 8.885 ng
RT: 14.646 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

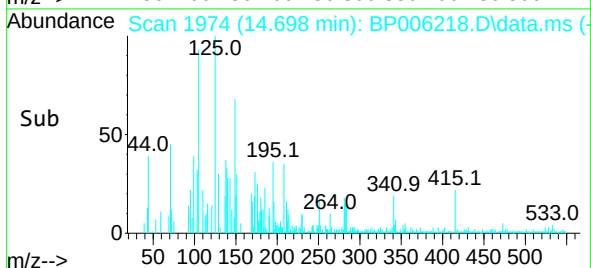
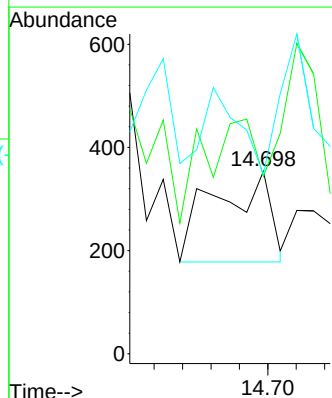
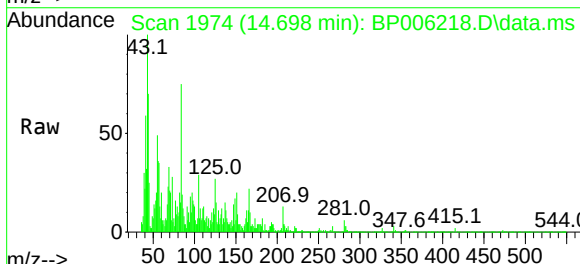
Instrument :
BNA_P
ClientSampled :
PS-TP1

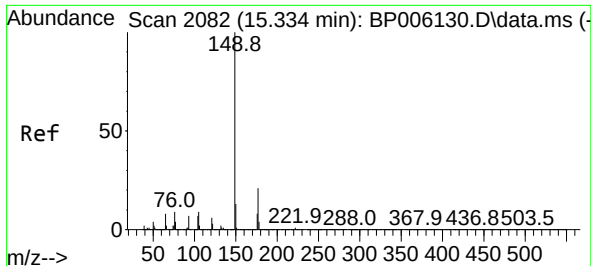
Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 673.0 47.0 70.6#
154 310.8 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.156 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.070 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion:139 Resp: 240
Ion Ratio Lower Upper
139 100
109 97.2 72.3 112.3
65 98.3 72.5 112.5

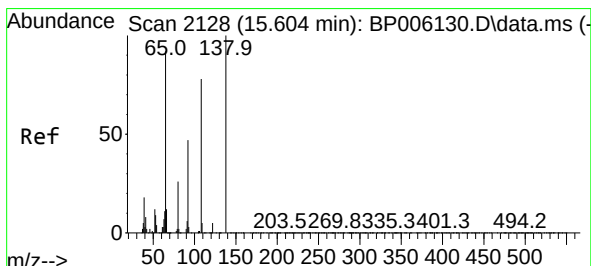
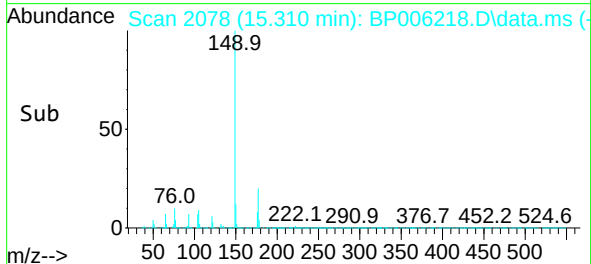
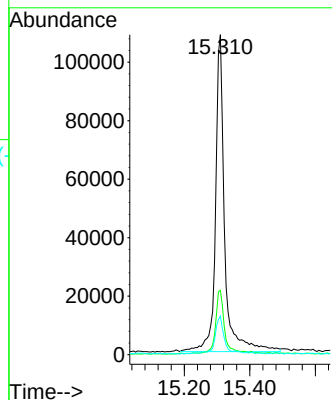
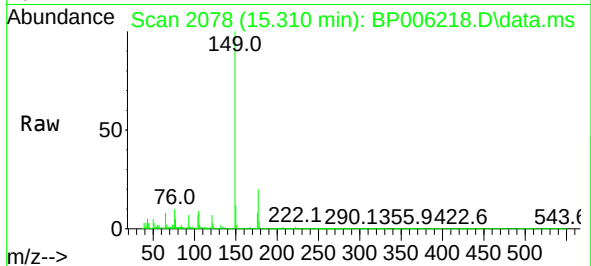




#60
Diethylphthalate
Concen: 5.139 ng
RT: 15.310 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

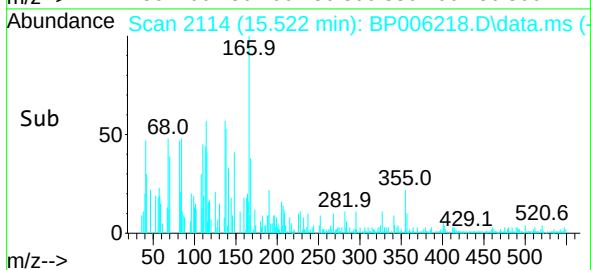
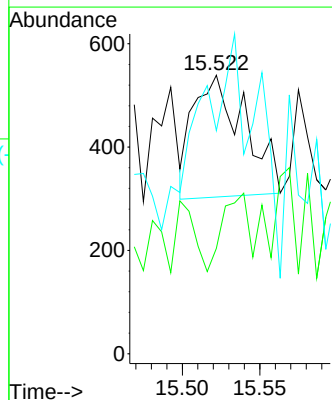
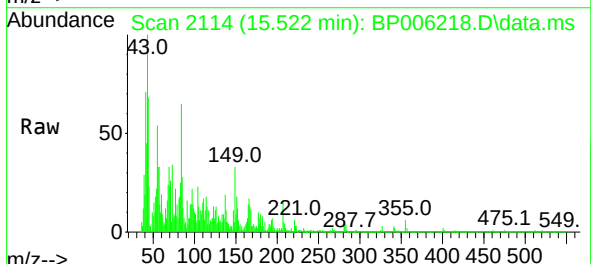
Instrument :
BNA_P
ClientSampleId :
PS-TP1

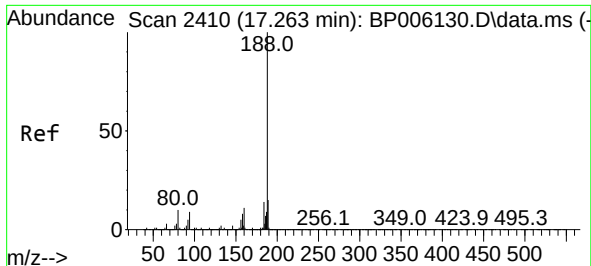
Tgt Ion:149 Resp: 211168
Ion Ratio Lower Upper
149 100
177 20.1 17.5 26.3
150 12.0 9.9 14.9



#62
4-Nitroaniline
Concen: 3.013 ng
RT: 15.522 min Scan# 2114
Delta R.T. -0.070 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion:138 Resp: 544
Ion Ratio Lower Upper
138 100
92 37.8 31.2 71.2
108 80.1 78.6 118.6

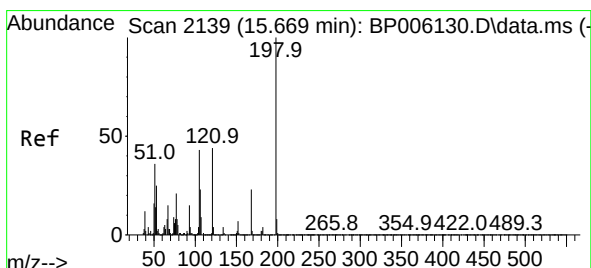
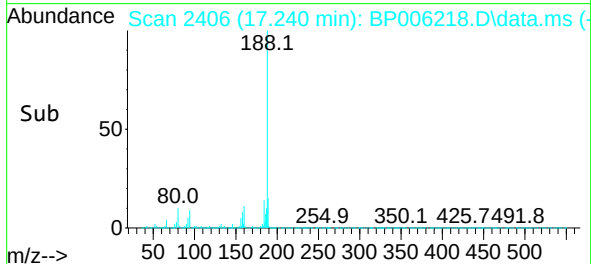
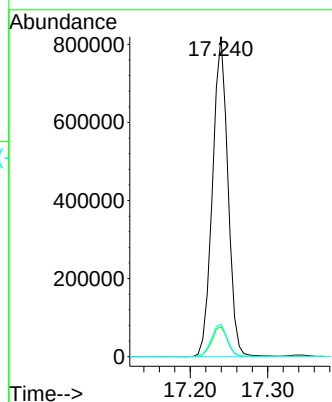
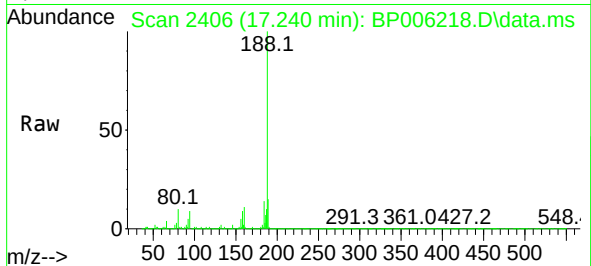




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.240 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

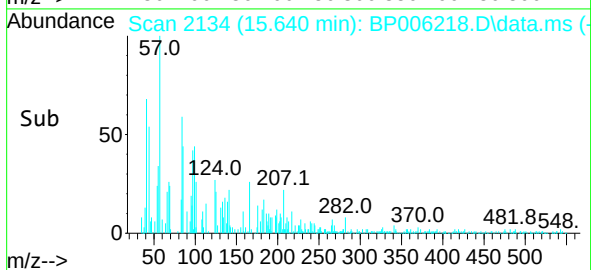
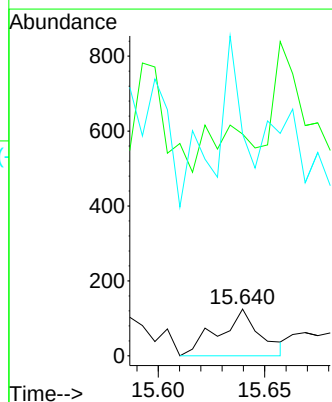
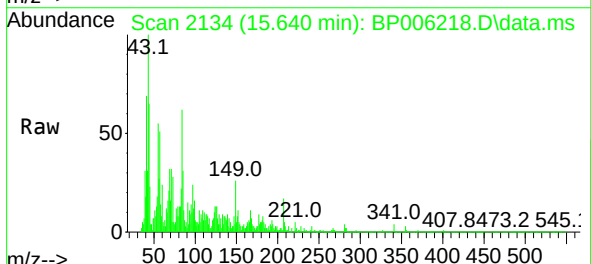
Instrument :
BNA_P
ClientSampled :
PS-TP1

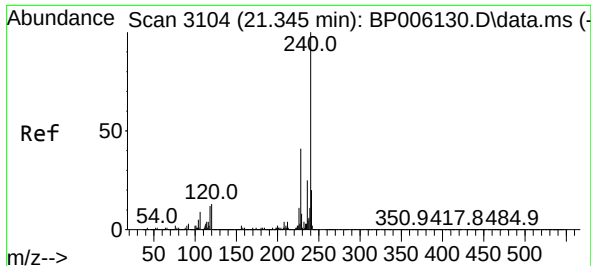
Tgt Ion:188 Resp: 1130245
Ion Ratio Lower Upper
188 100
94 9.4 5.6 8.4#
80 10.2 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.440 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Tgt Ion:198 Resp: 169
Ion Ratio Lower Upper
198 100
51 473.6 14.0 54.0#
105 473.6 19.5 59.5#

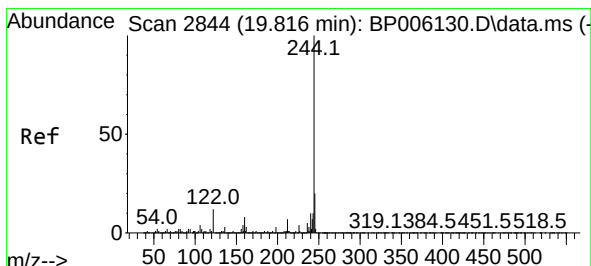
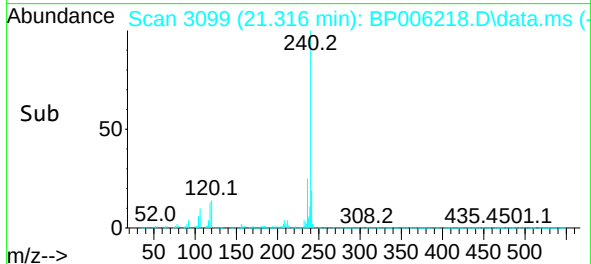
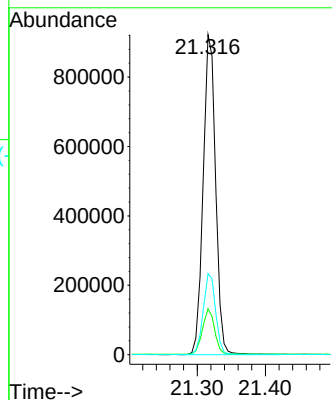
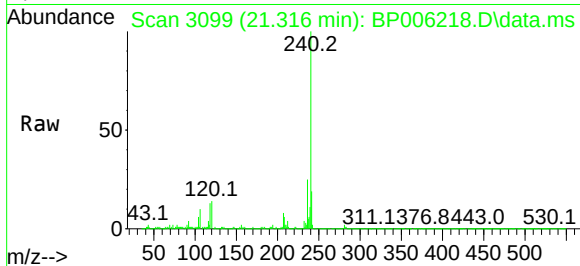




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

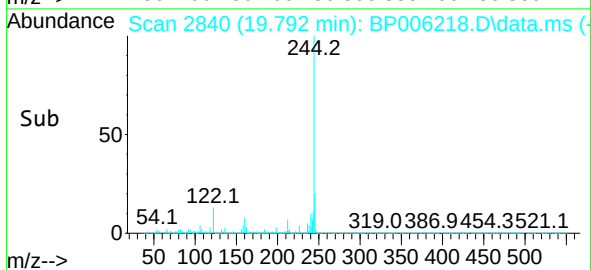
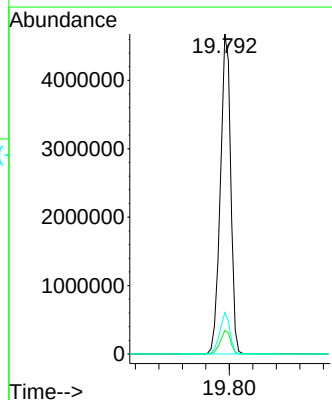
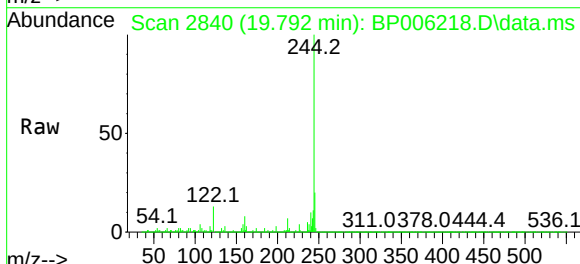
Instrument :
BNA_P
ClientSampleId :
PS-TP1

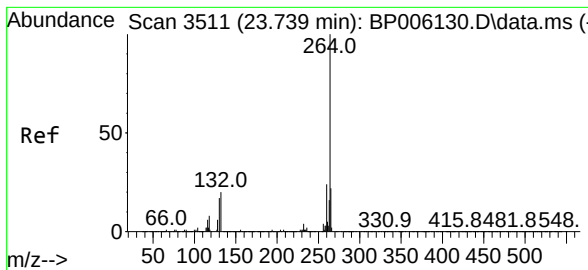
Tgt Ion:240 Resp: 1171210
Ion Ratio Lower Upper
240 100
120 14.4 6.5 9.7#
236 25.3 20.6 31.0



#79
Terphenyl-d14
Concen: 96.285 ng
RT: 19.792 min Scan# 2840
Delta R.T. -0.011 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

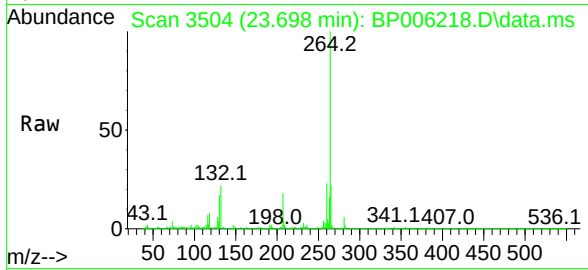
Tgt Ion:244 Resp: 5719618
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 12.9 7.1 10.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.017 min
Lab File: BP006218.D
Acq: 14 Jul 2021 15:01

Instrument :
BNA_P
ClientSampleId :
PS-TP1



Tgt Ion:264 Resp: 1337624

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.6	17.6	26.4

