

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006210.D
 Acq On : 13 Jul 2021 20:34
 Operator : CG/JU
 Sample : M3014-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-071221

Quant Time: Jul 14 01:26:26 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)

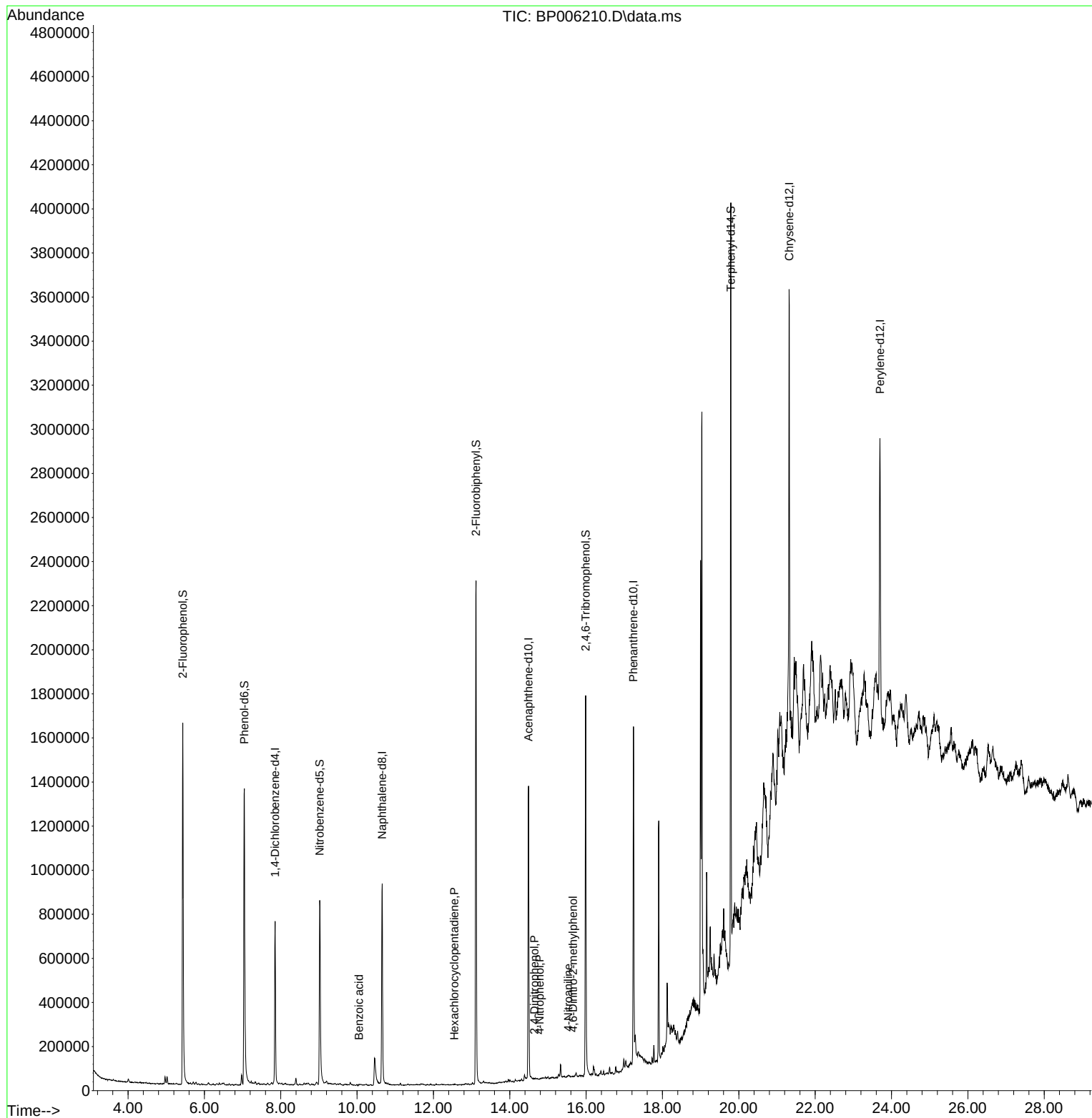
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	220462	20.000	ng	-0.01
21) Naphthalene-d8	10.658	136	866743	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	486922	20.000	ng	0.00
64) Phenanthrene-d10	17.240	188	902097	20.000	ng	#-0.01
76) Chrysene-d12	21.322	240	828213	20.000	ng	# 0.00
86) Perylene-d12	23.698	264	946367	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	870209	67.917	ng	0.00
7) Phenol-d6	7.046	99	1035626	61.107	ng	0.00
23) Nitrobenzene-d5	9.022	82	578522	42.161	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	353001	60.893	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1253967	38.072	ng	0.00
79) Terphenyl-d14	19.792	244	1507090	35.877	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.052	122	8	6.903	ng	# 1
41) Hexachlorocyclopentadiene	12.546	237	10	8.703	ng	79
54) 2,4-Dinitrophenol	14.646	184	19	8.884	ng	# 1
56) 4-Nitrophenol	14.781	139	76	7.136	ng	# 10
62) 4-Nitroaniline	15.534	138	135	2.974	ng	92
65) 4,6-Dinitro-2-methylph...	15.657	198	18	4.422	ng	# 1

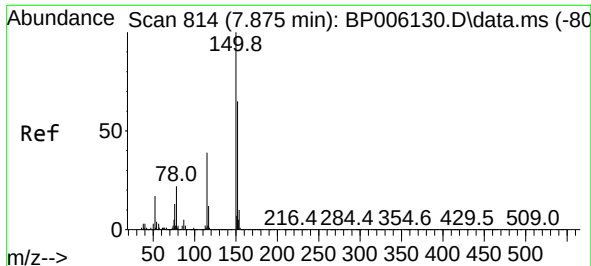
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 12 14:59:51 2021
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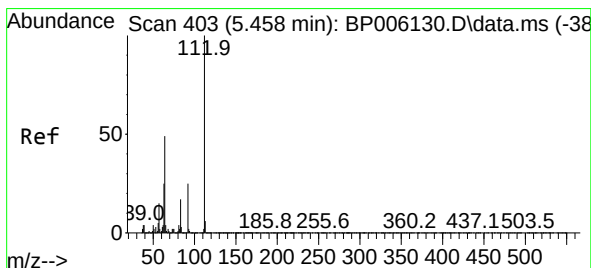
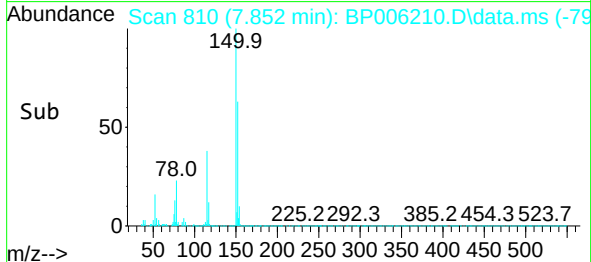
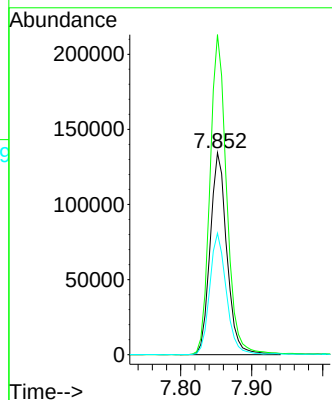
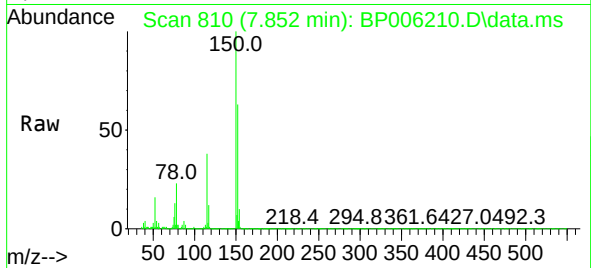




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

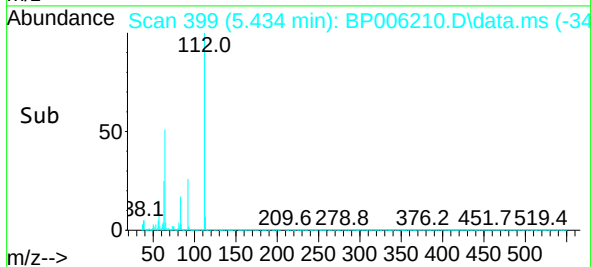
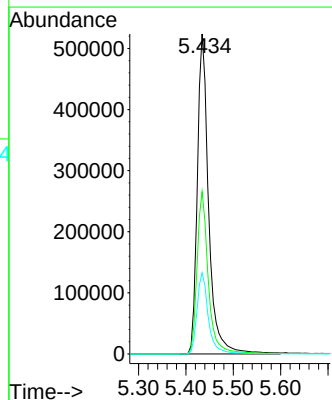
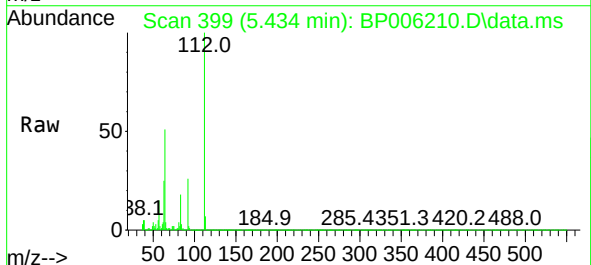
Instrument :
BNA_P
ClientSampleId :
HD-02-071221

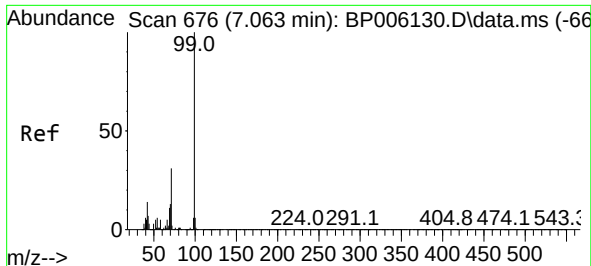
Tgt Ion:152 Resp: 220462
Ion Ratio Lower Upper
152 100
150 158.4 125.6 188.4
115 60.1 48.5 72.7



#5
2-Fluorophenol
Concen: 67.917 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion:112 Resp: 870209
Ion Ratio Lower Upper
112 100
64 50.8 41.4 62.2
63 25.4 23.8 35.8

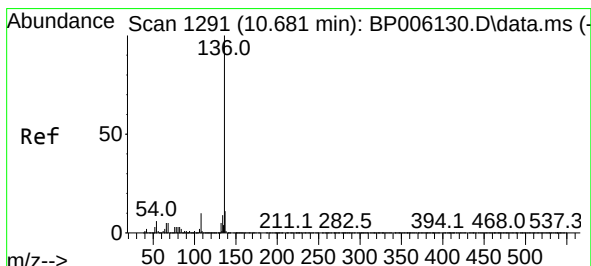
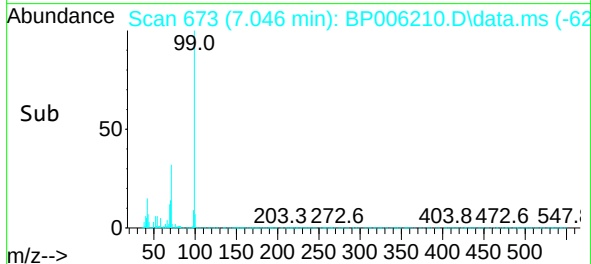
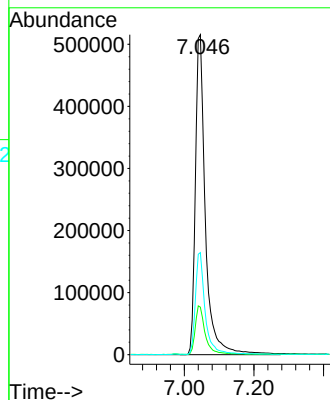
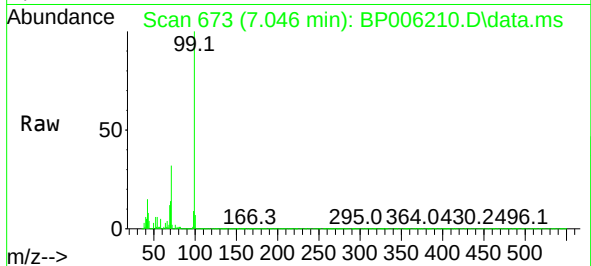




#7
Phenol-d6
Concen: 61.107 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.001 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

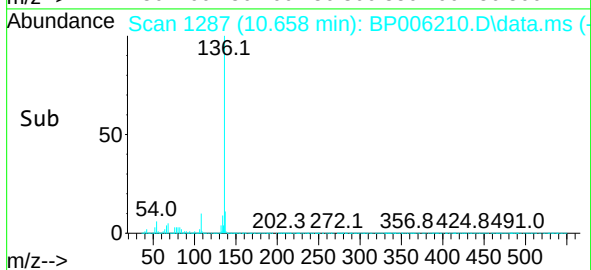
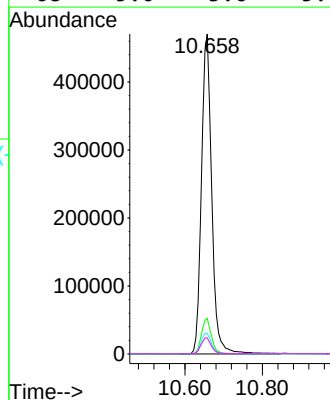
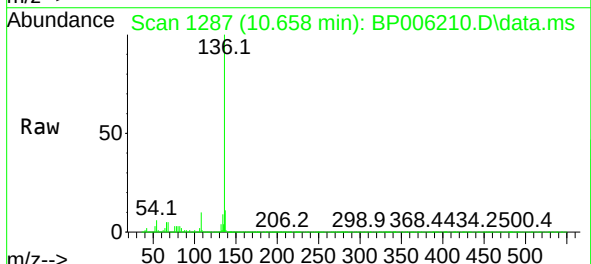
Instrument :
BNA_P
ClientSampleId :
HD-02-071221

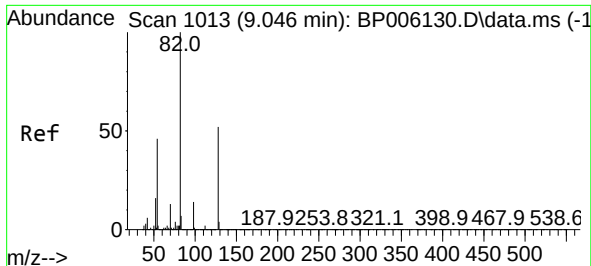
Tgt Ion: 99 Resp: 1035626
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 31.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.658 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion: 136 Resp: 866743
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.4 4.6 6.8
68 5.0 3.6 5.4

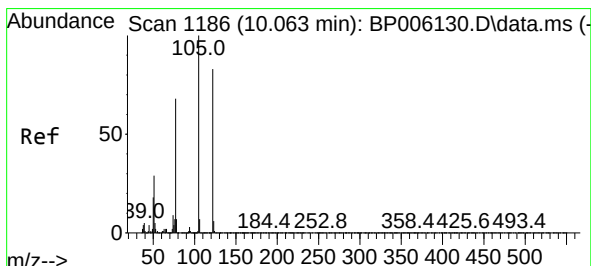
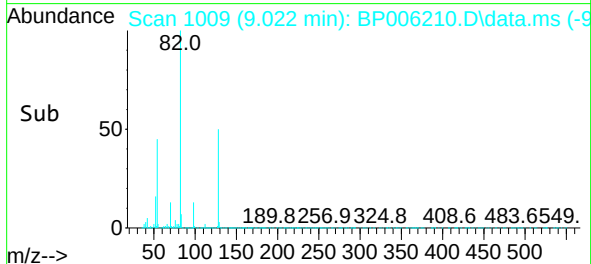
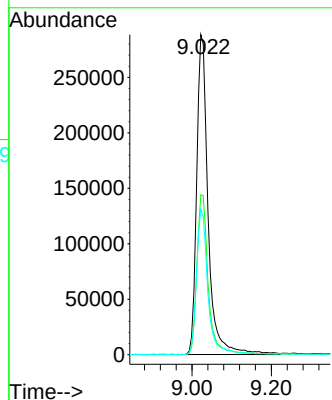
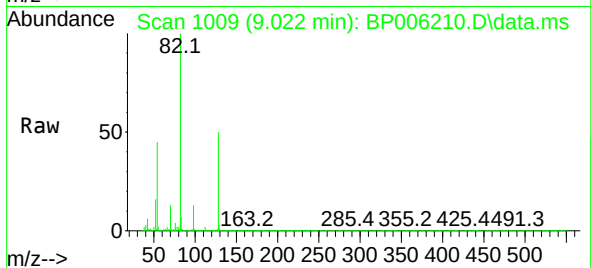




#23
Nitrobenzene-d5
Concen: 42.161 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

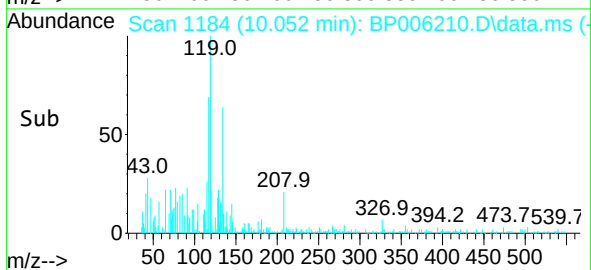
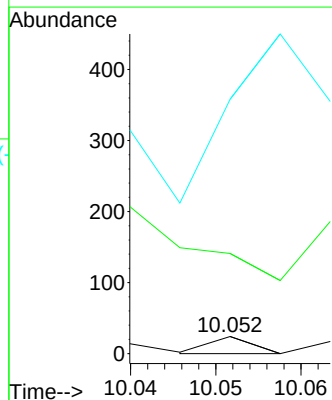
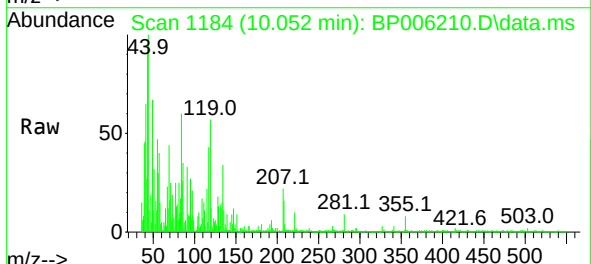
Instrument :
BNA_P
ClientSampleId :
HD-02-071221

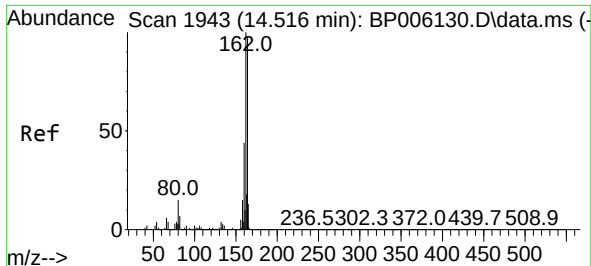
Tgt Ion: 82 Resp: 578522
Ion Ratio Lower Upper
82 100
128 50.0 35.7 53.5
54 45.5 35.0 52.4



#32
Benzoic acid
Concen: 6.903 ng
RT: 10.052 min Scan# 1184
Delta R.T. -0.011 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion: 122 Resp: 8
Ion Ratio Lower Upper
122 100
105 587.5 103.2 143.2#
77 1491.7 76.2 116.2#

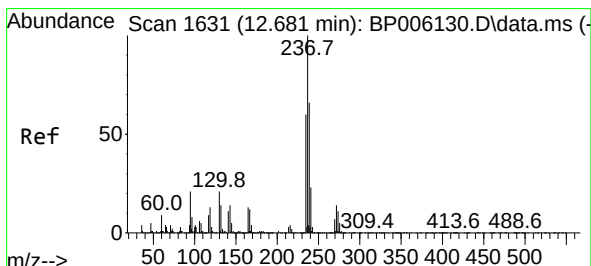
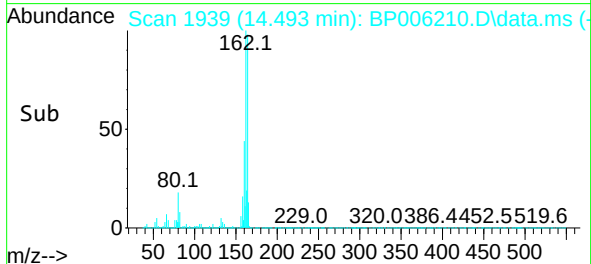
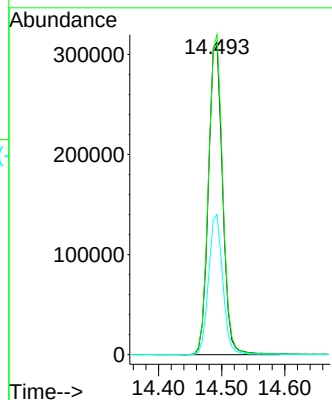
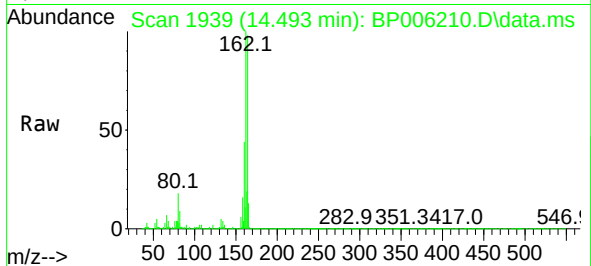




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

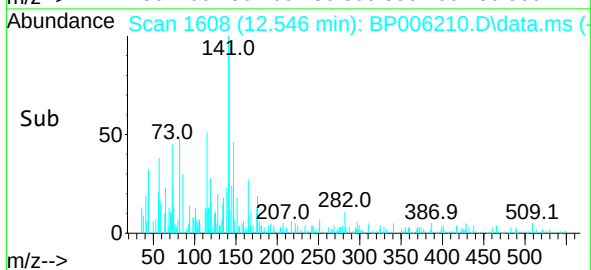
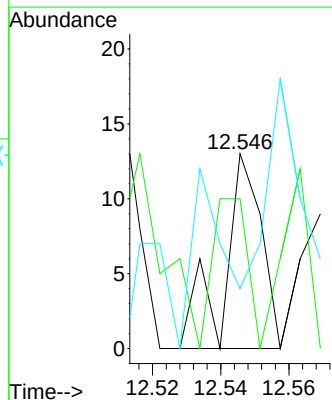
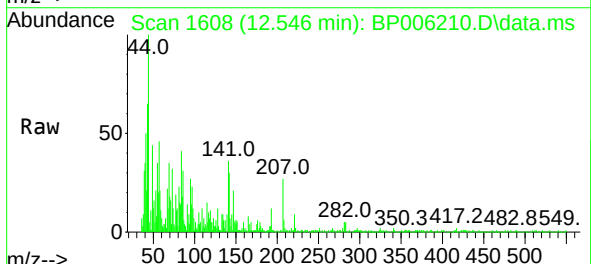
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ClientSampleId :
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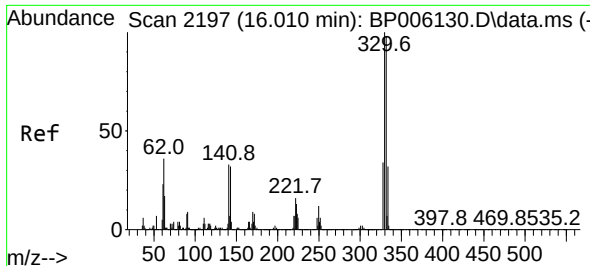
Tgt Ion:164 Resp: 486922
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 44.8 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.703 ng
RT: 12.546 min Scan# 1608
Delta R.T. -0.123 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 76.9 44.5 84.5
272 30.8 0.0 32.5

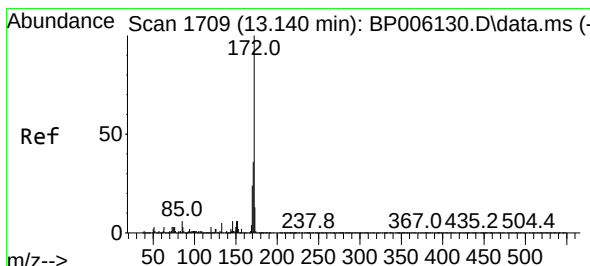
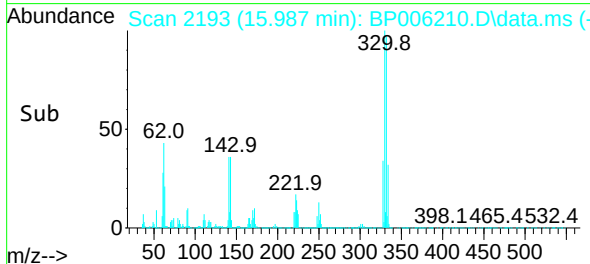
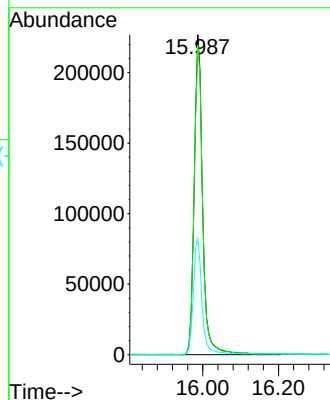
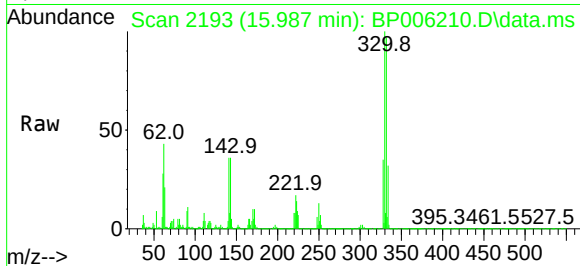




#42
2,4,6-Tribromophenol
Concen: 60.893 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

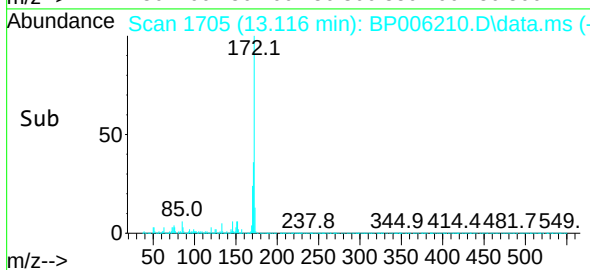
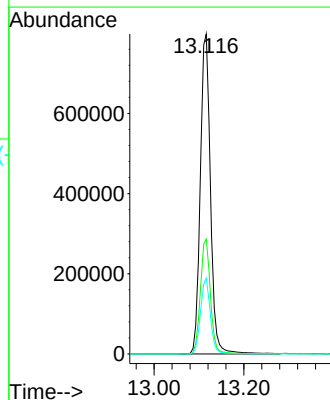
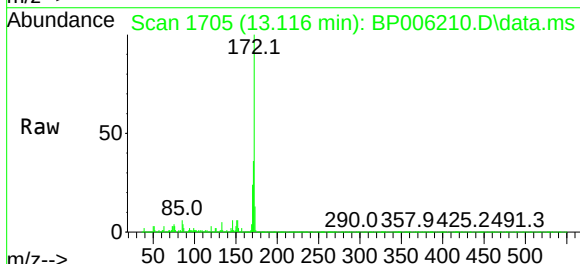
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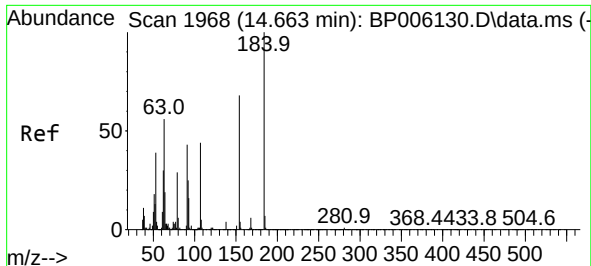
Tgt Ion:330 Resp: 353001
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 36.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 38.072 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion:172 Resp: 1253967
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.7 18.6 27.8

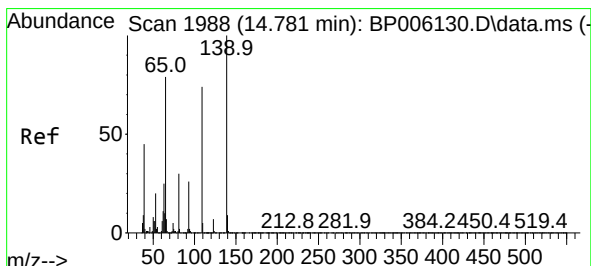
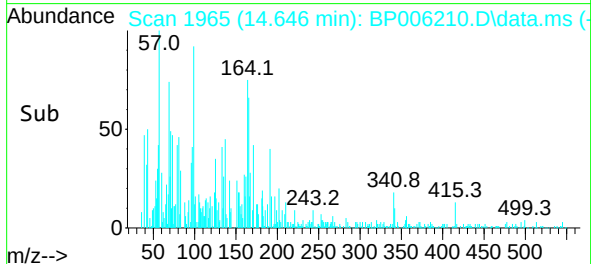
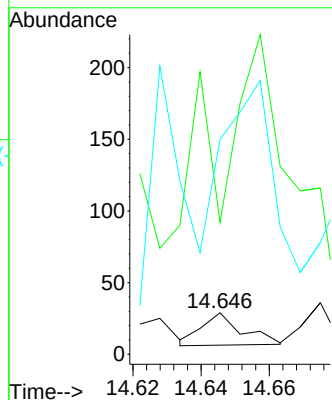
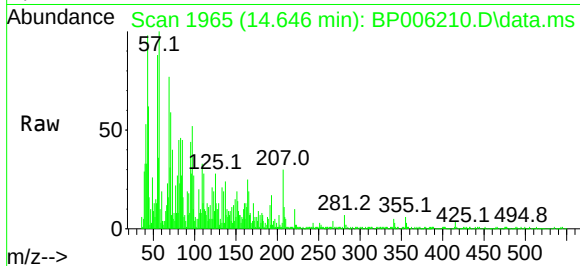




#54
2,4-Dinitrophenol
Concen: 8.884 ng
RT: 14.646 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

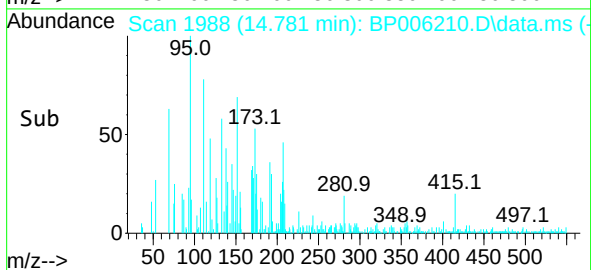
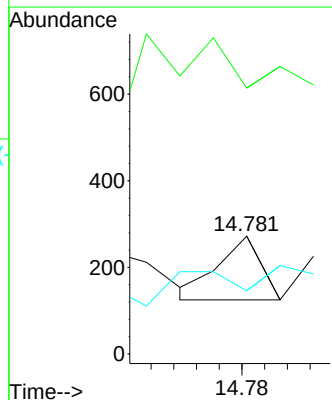
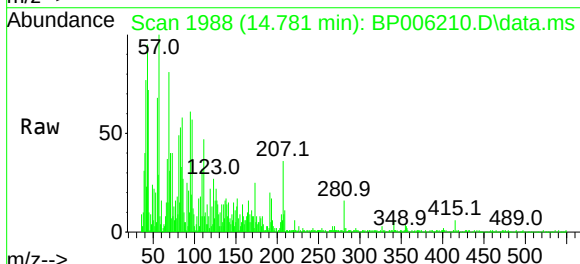
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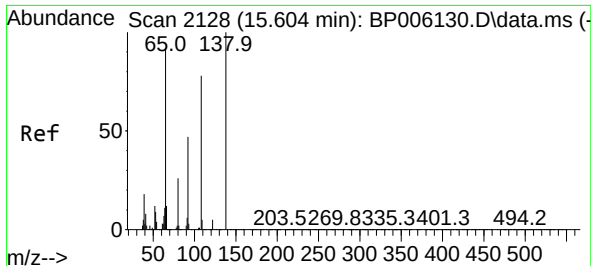
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 317.2 47.0 70.6#
154 517.2 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.136 ng
RT: 14.781 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 225.7 72.3 112.3#
65 53.7 72.5 112.5#

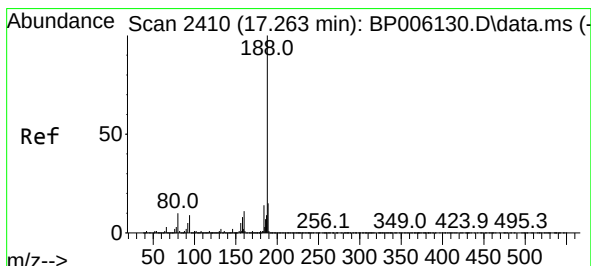
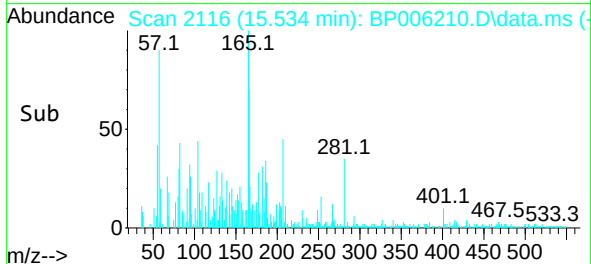
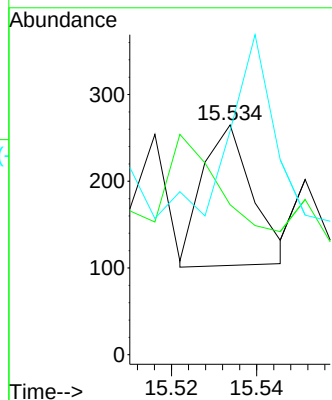
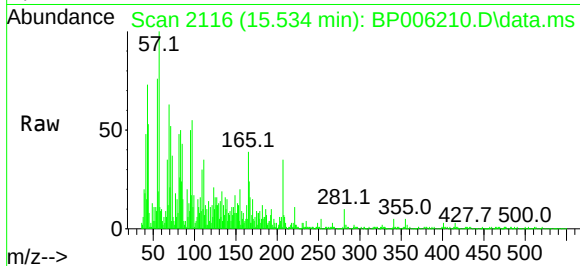




#62
4-Nitroaniline
Concen: 2.974 ng
RT: 15.534 min Scan# 2116
Delta R.T. -0.058 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

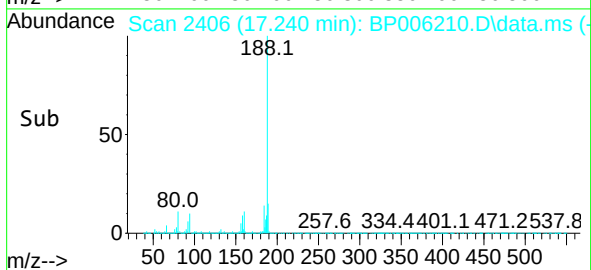
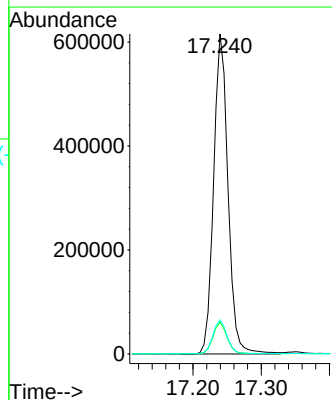
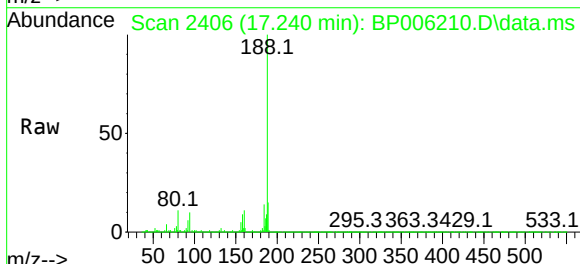
Instrument :
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ClientSampleId :
HD-02-071221

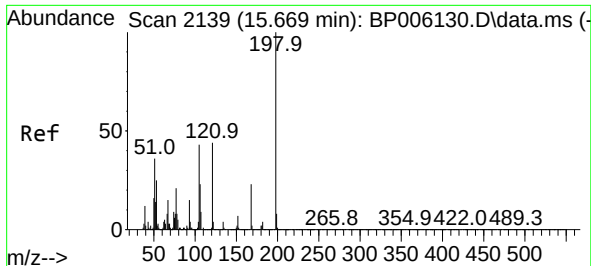
Tgt Ion:138 Resp: 135
Ion Ratio Lower Upper
138 100
92 65.3 31.2 71.2
108 97.4 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.240 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion:188 Resp: 902097
Ion Ratio Lower Upper
188 100
94 10.0 5.6 8.4#
80 10.7 6.3 9.5#

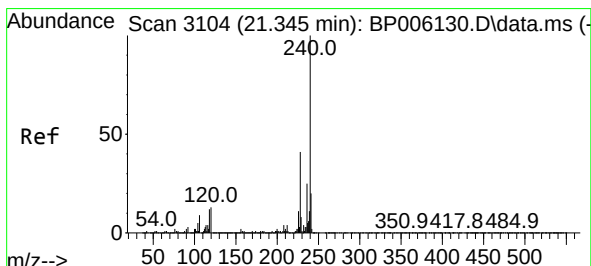
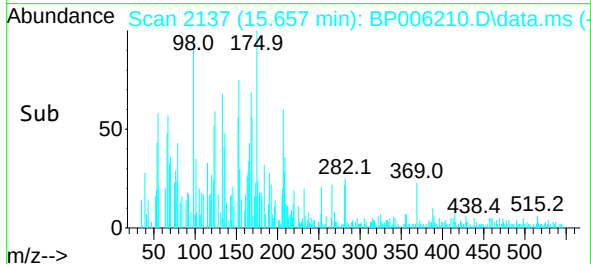
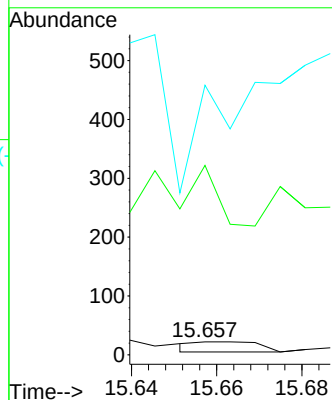
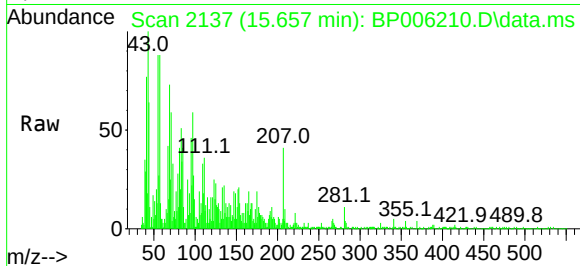




#65
4,6-Dinitro-2-methylphenol
Concen: 4.422 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

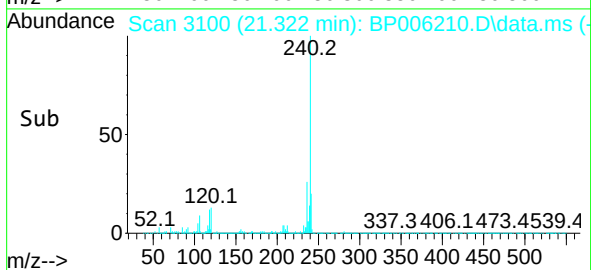
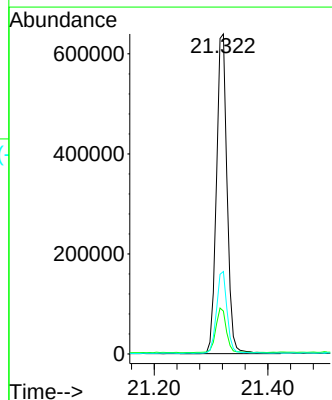
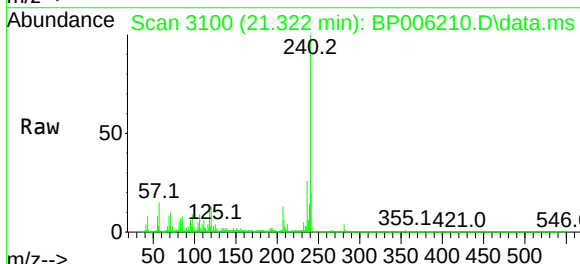
Instrument :
BNA_P
ClientSampleId :
HD-02-071221

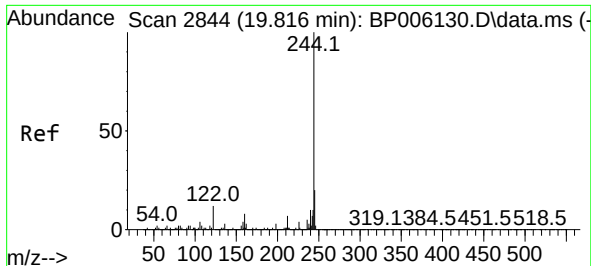
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 1463.6 14.0 54.0#
105 2081.8 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.005 min
Lab File: BP006210.D
Acq: 13 Jul 2021 20:34

Tgt Ion:240 Resp: 828213
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.8 20.6 31.0

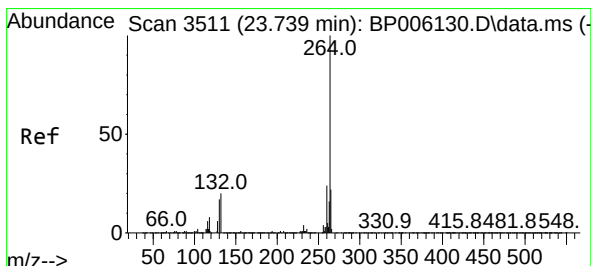
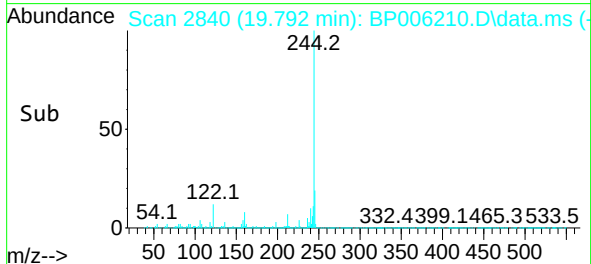
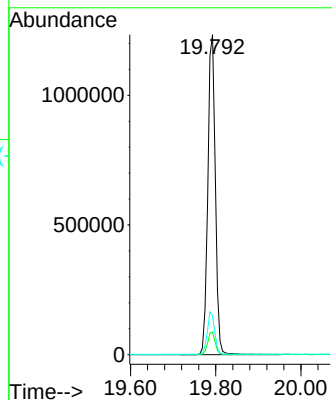
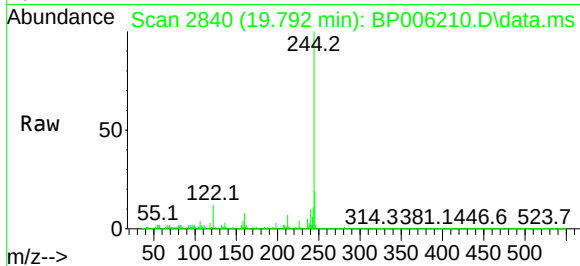




#79
 Terphenyl-d14
 Concen: 35.877 ng
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.011 min
 Lab File: BP006210.D
 Acq: 13 Jul 2021 20:34

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-071221

Tgt Ion:244 Resp: 1507090
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.2 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: BP006210.D
 Acq: 13 Jul 2021 20:34

Tgt Ion:264 Resp: 946367
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.6 17.6 26.4

