

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006224.D
 Acq On : 14 Jul 2021 18:27
 Operator : CG/JU
 Sample : M3026-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-3

Quant Time: Jul 15 03:10:31 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)

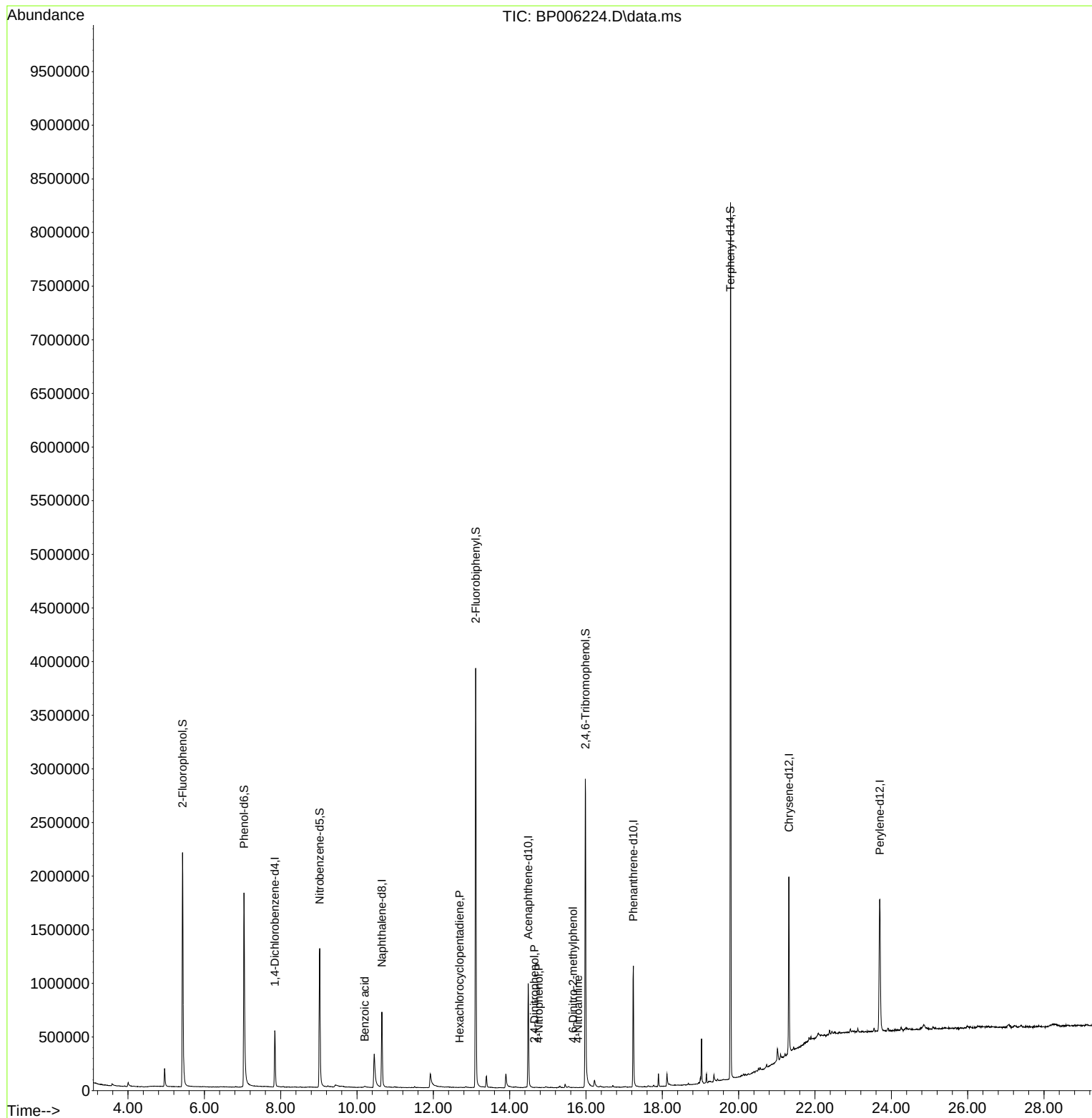
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	161188	20.00	ng	-0.02
21) Naphthalene-d8	10.651	136	651244	20.00	ng	#-0.01
39) Acenaphthene-d10	14.486	164	348678	20.00	ng	-0.01
64) Phenanthrene-d10	17.239	188	717111	20.00	ng	#-0.01
76) Chrysene-d12	21.315	240	769582	20.00	ng	#-0.01
86) Perylene-d12	23.698	264	991649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1199404	128.03	ng	-0.01
7) Phenol-d6	7.040	99	1353707	109.25	ng	0.00
23) Nitrobenzene-d5	9.022	82	877384	85.10	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	617447	148.74	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	2079461	88.17	ng	-0.01
79) Terphenyl-d14	19.786	244	3516129	90.08	ng	-0.02
Target Compounds						
						Qvalue
32) Benzoic acid	10.204	122	6237	7.72	ng	# 34
41) Hexachlorocyclopentadiene	12.686	237	19	8.71	ng	79
54) 2,4-Dinitrophenol	14.645	184	25	8.89	ng	# 1
56) 4-Nitrophenol	14.763	139	14	7.13	ng	# 1
62) 4-Nitroaniline	15.792	138	49	2.97	ng	81
65) 4,6-Dinitro-2-methylph...	15.663	198	14	4.42	ng	# 1

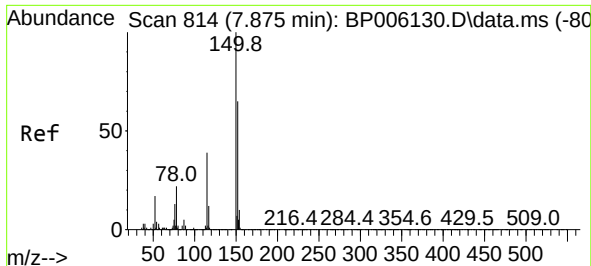
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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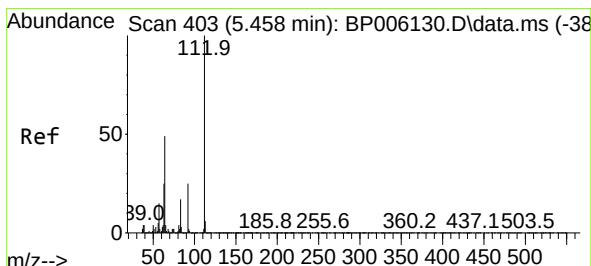
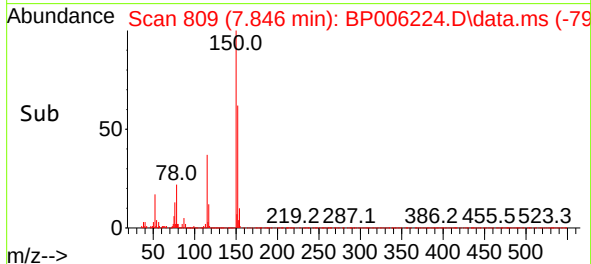
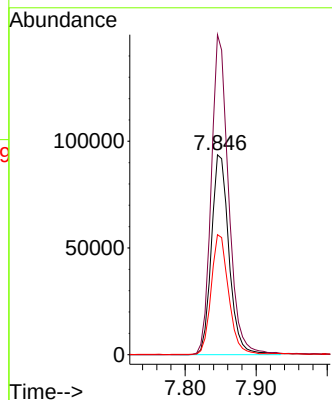
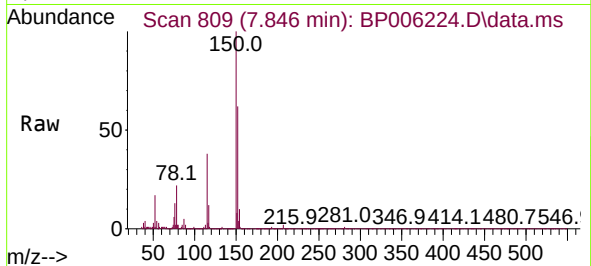




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

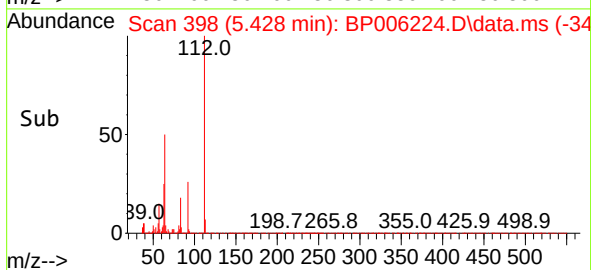
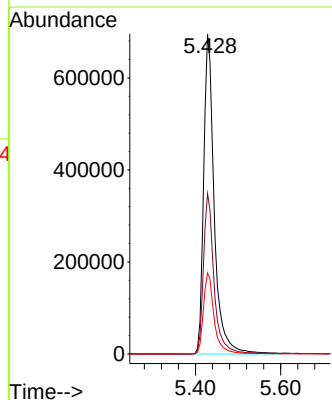
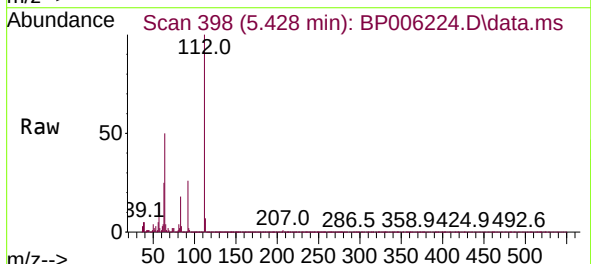
Instrument :
BNA_P
ClientSampleId :
ABN-JG-3

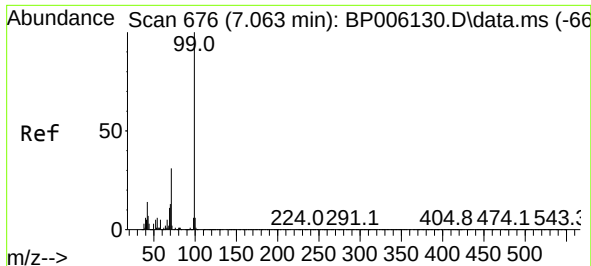
Tgt Ion:152 Resp: 161188
Ion Ratio Lower Upper
152 100
150 160.1 125.6 188.4
115 60.0 48.5 72.7



#5
2-Fluorophenol
Concen: 128.03 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion:112 Resp: 1199404
Ion Ratio Lower Upper
112 100
64 50.1 41.4 62.2
63 25.3 23.8 35.8

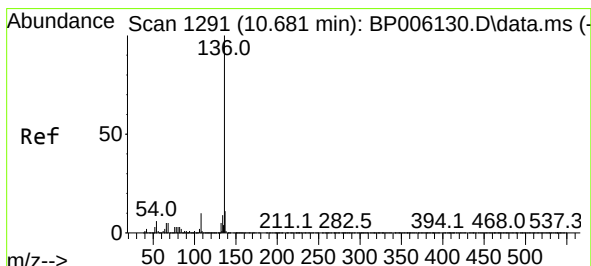
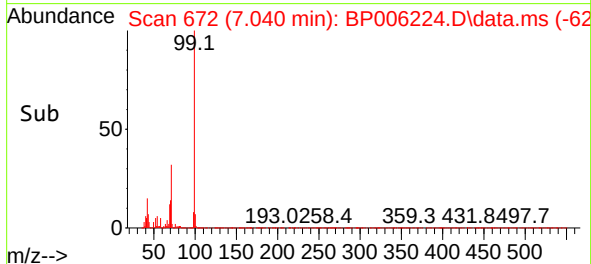
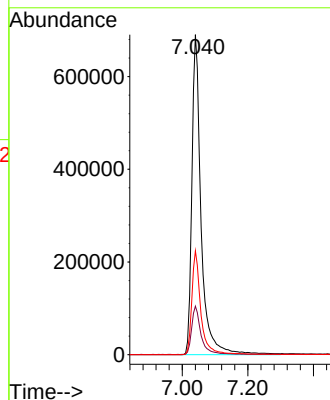
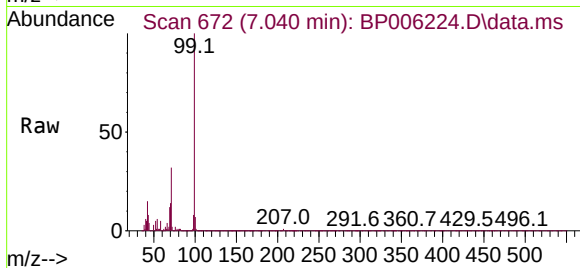




#7
Phenol-d6
Concen: 109.25 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

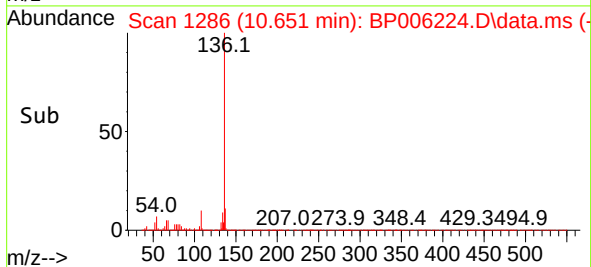
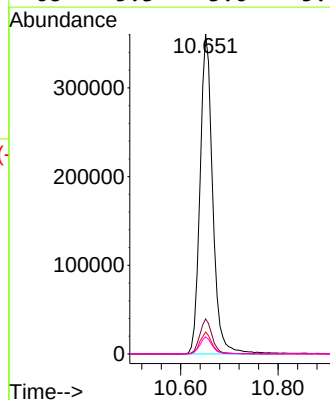
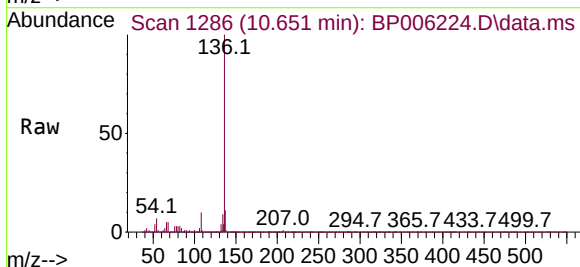
Instrument :
BNA_P
ClientSampleId :
ABN-JG-3

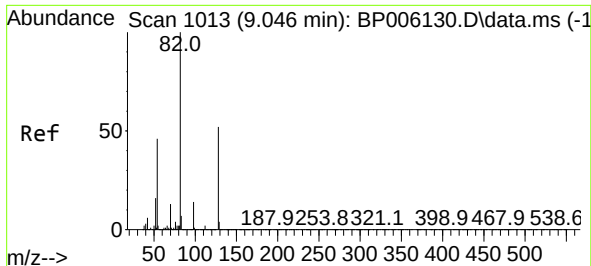
Tgt Ion: 99 Resp: 1353707
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 32.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion: 136 Resp: 651244
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 4.6 6.8#
68 5.3 3.6 5.4

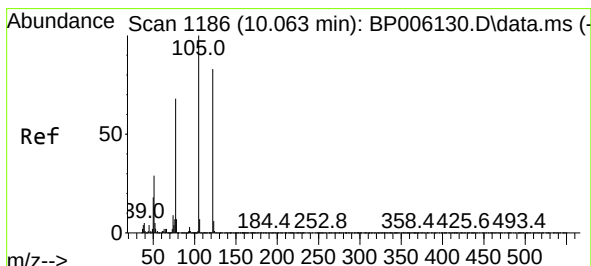
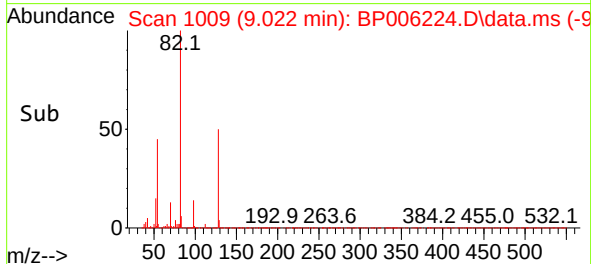
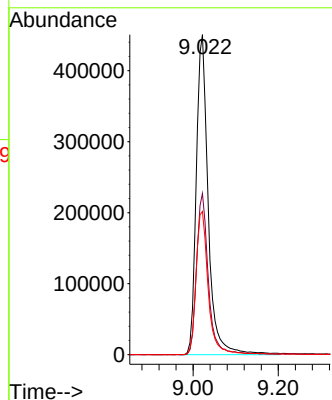
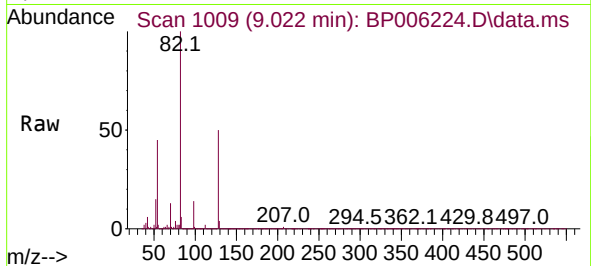




#23
Nitrobenzene-d5
Concen: 85.10 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

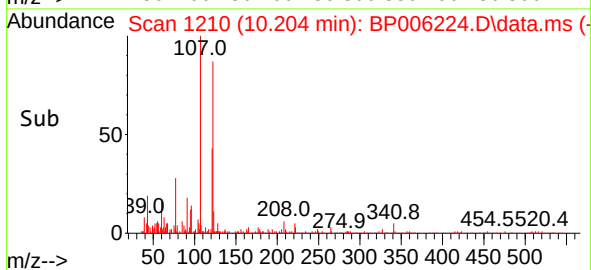
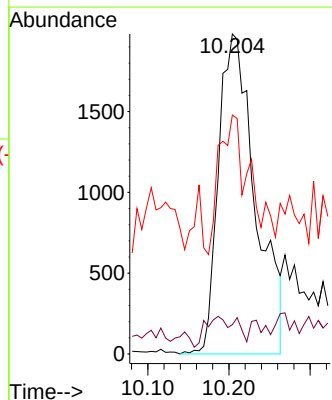
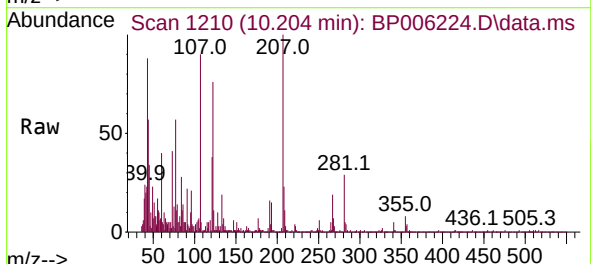
Instrument :
BNA_P
ClientSampleId :
ABN-JG-3

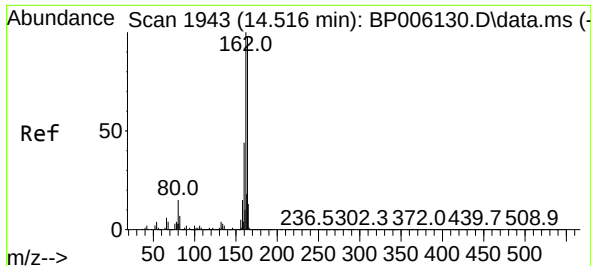
Tgt Ion: 82 Resp: 877384
Ion Ratio Lower Upper
82 100
128 50.4 35.7 53.5
54 44.7 35.0 52.4



#32
Benzoic acid
Concen: 7.72 ng
RT: 10.204 min Scan# 1210
Delta R.T. 0.141 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion: 122 Resp: 6237
Ion Ratio Lower Upper
122 100
105 9.2 103.2 143.2#
77 74.6 76.2 116.2#

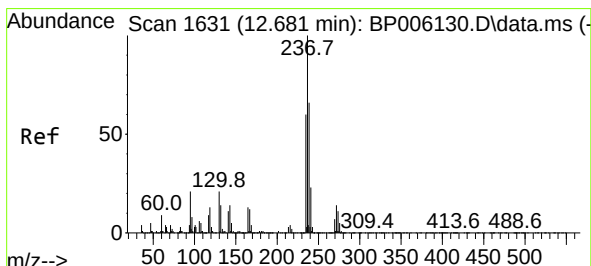
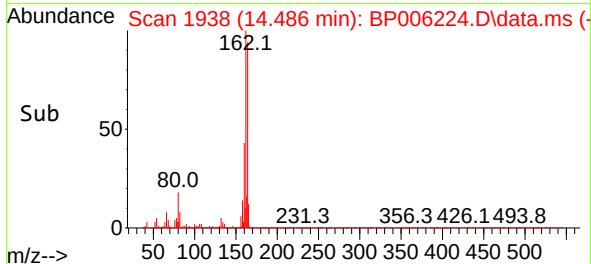
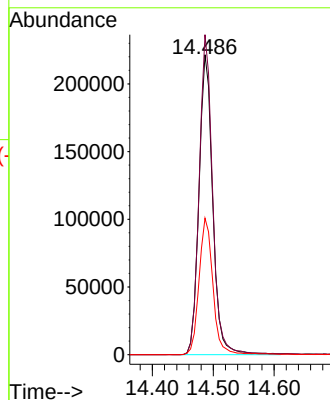
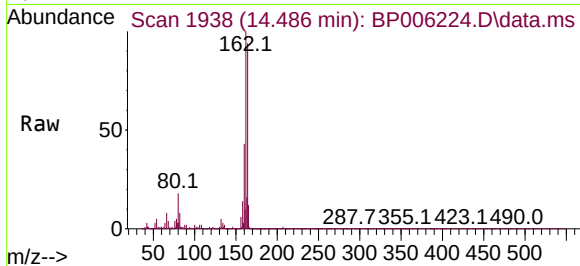




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

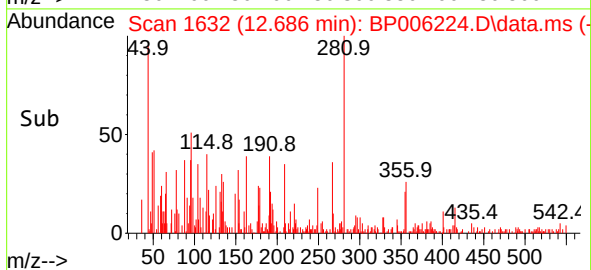
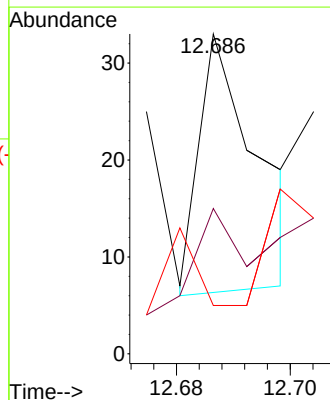
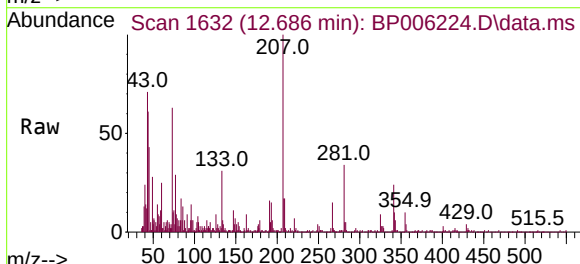
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ClientSampleId :
ABN-JG-3

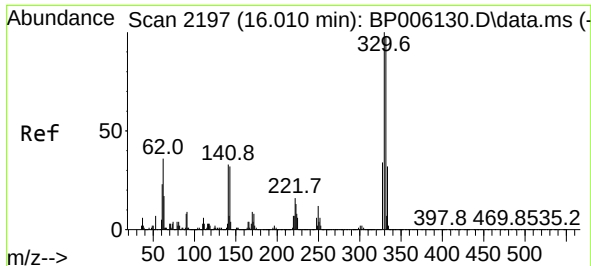
Tgt Ion:164 Resp: 348678
Ion Ratio Lower Upper
164 100
162 106.7 80.2 120.2
160 45.5 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.686 min Scan# 1632
Delta R.T. 0.018 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 45.5 44.5 84.5
272 15.2 0.0 32.5

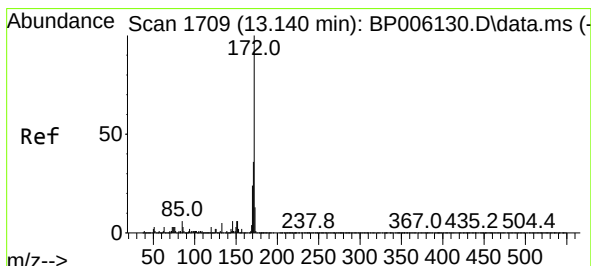
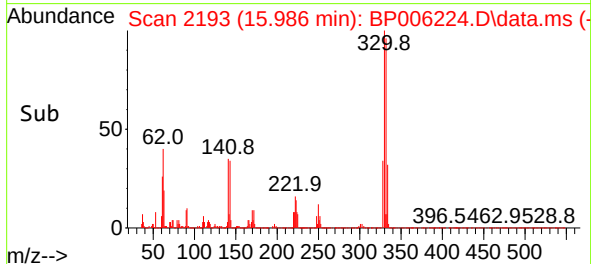
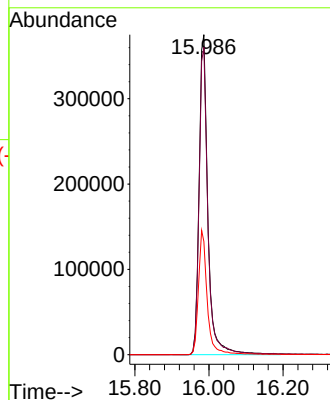
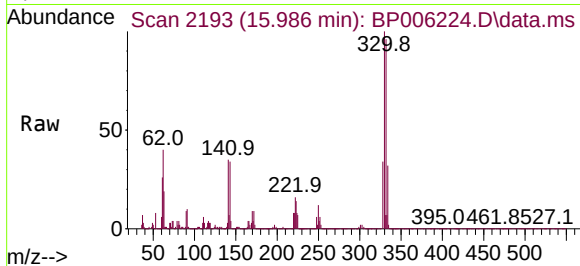




#42
2,4,6-Tribromophenol
Concen: 148.74 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

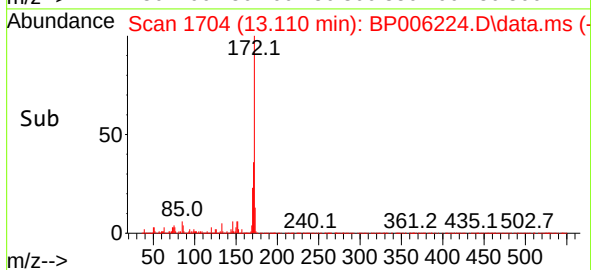
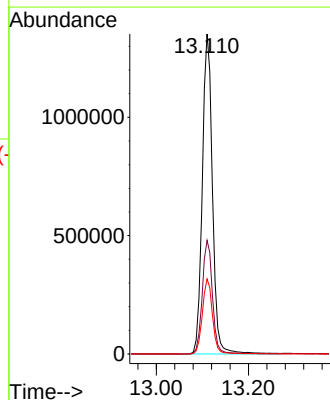
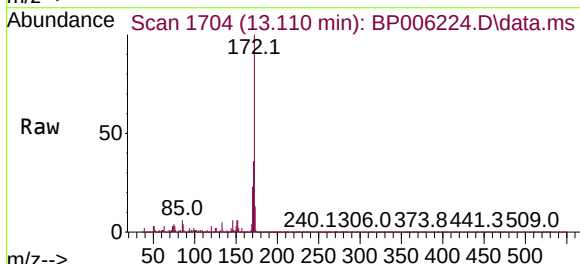
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ClientSampleId :
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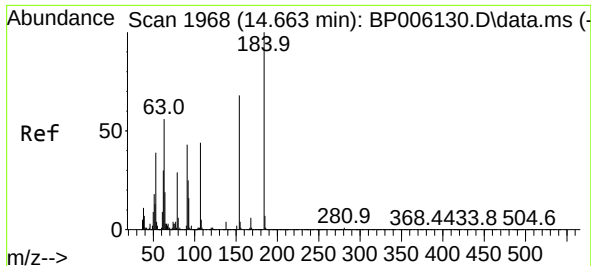
Tgt Ion: 330 Resp: 617447
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 38.9 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 88.17 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion: 172 Resp: 2079461
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.4 18.6 27.8

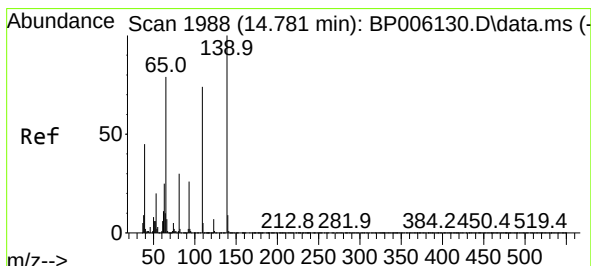
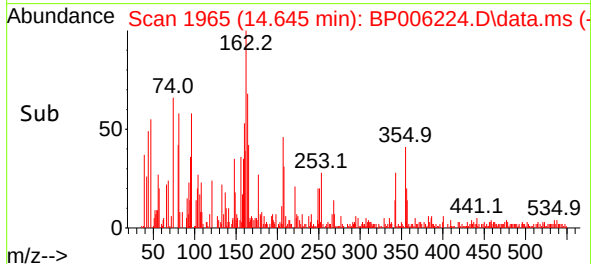
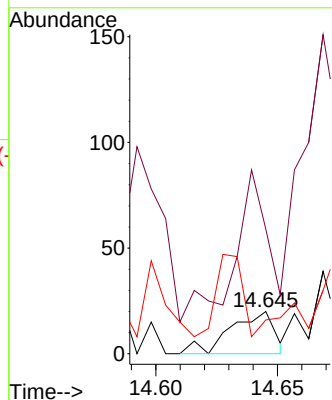
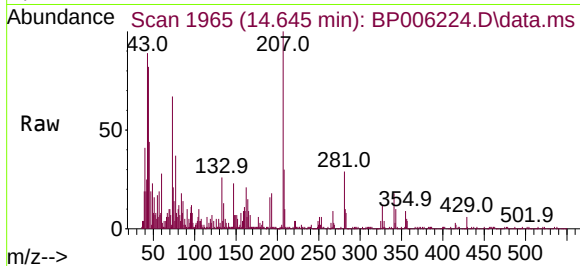




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

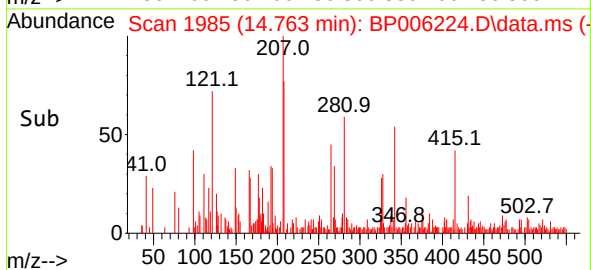
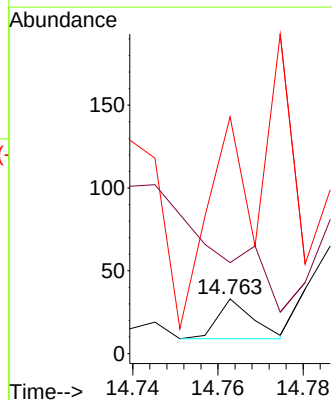
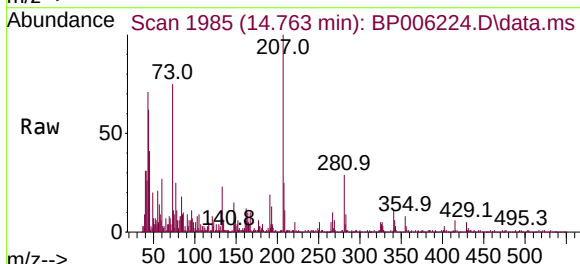
Instrument :
BNA_P
ClientSampled :
ABN-JG-3

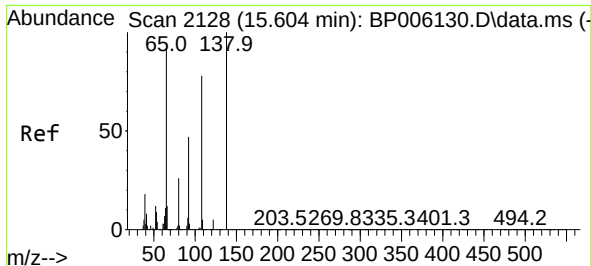
Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 295.0 47.0 70.6#
154 80.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 166.7 72.3 112.3#
65 433.3 72.5 112.5#

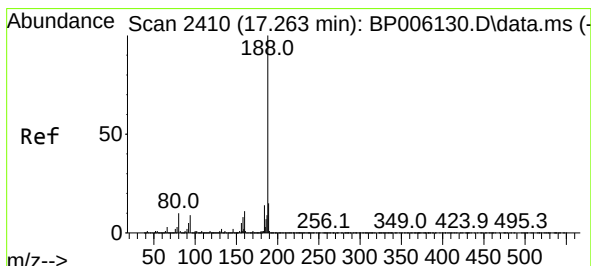
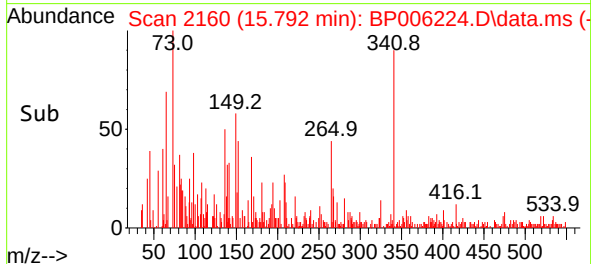
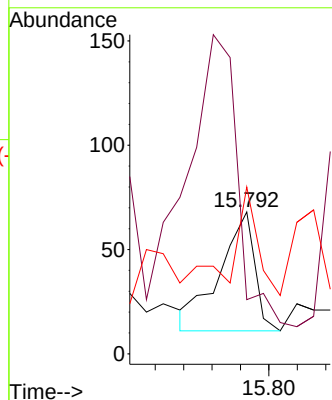
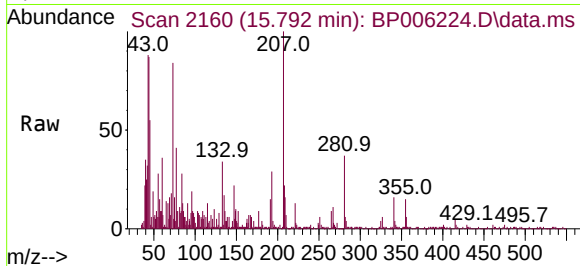




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.792 min Scan# 2160
Delta R.T. 0.200 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

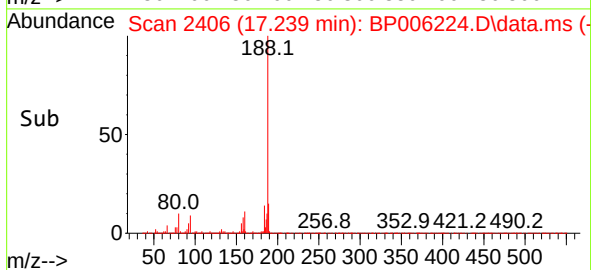
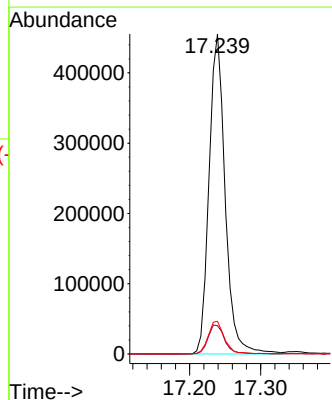
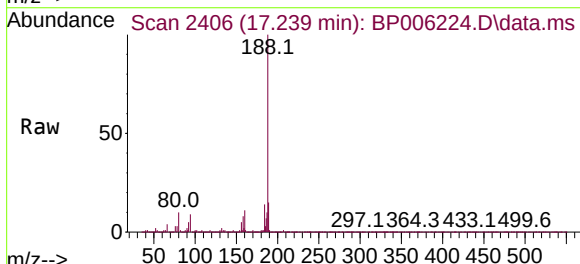
Instrument :
BNA_P
ClientSampled :
ABN-JG-3

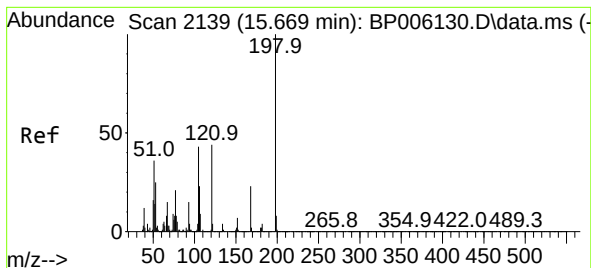
Tgt Ion:138 Resp: 49
Ion Ratio Lower Upper
138 100
92 38.2 31.2 71.2
108 117.6 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion:188 Resp: 717111
Ion Ratio Lower Upper
188 100
94 8.9 5.6 8.4#
80 10.2 6.3 9.5#

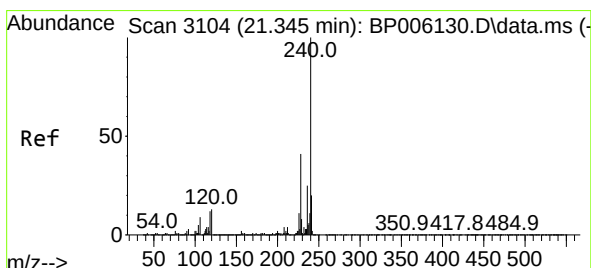
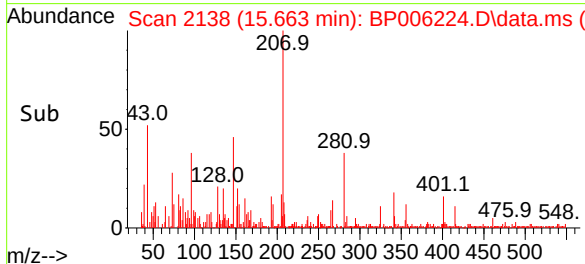
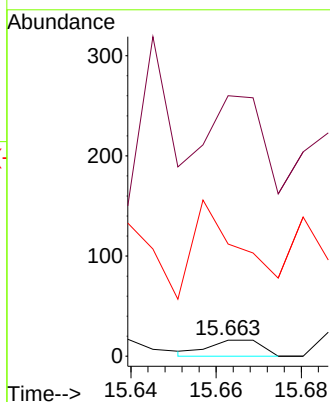
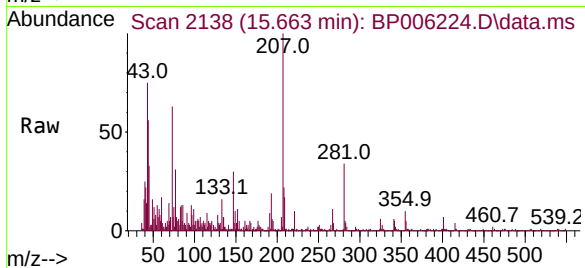




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

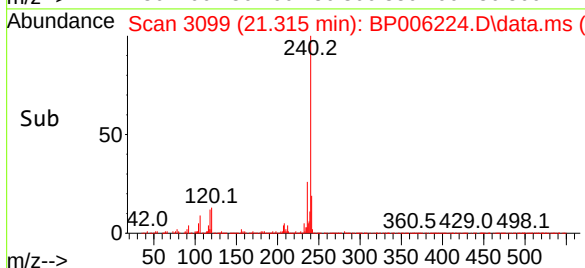
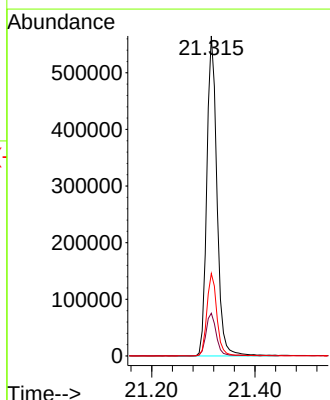
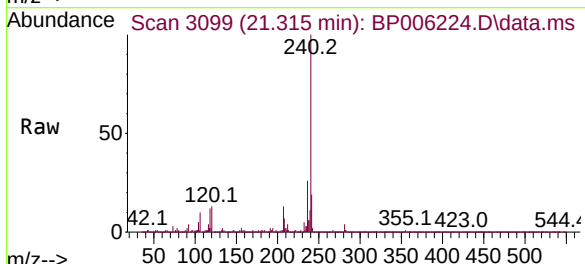
Instrument :
BNA_P
ClientSampleId :
ABN-JG-3

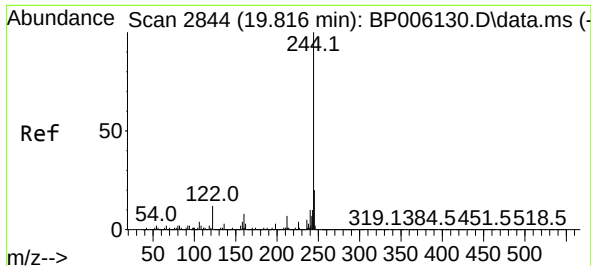
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1625.0 14.0 54.0#
105 700.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.315 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP006224.D
Acq: 14 Jul 2021 18:27

Tgt Ion:240 Resp: 769582
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.8 20.6 31.0

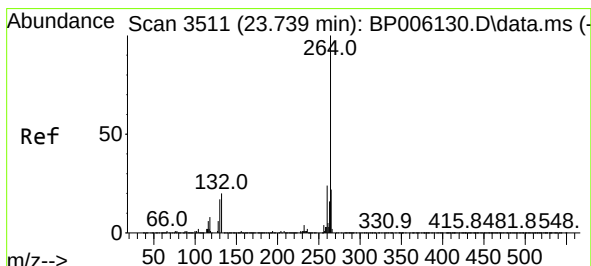
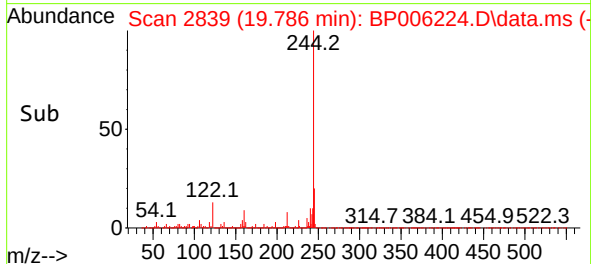
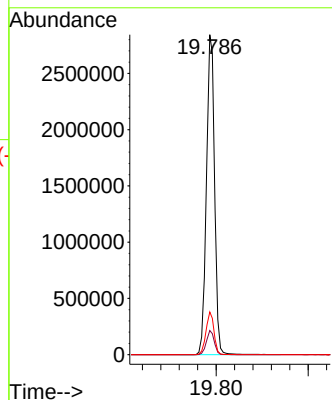
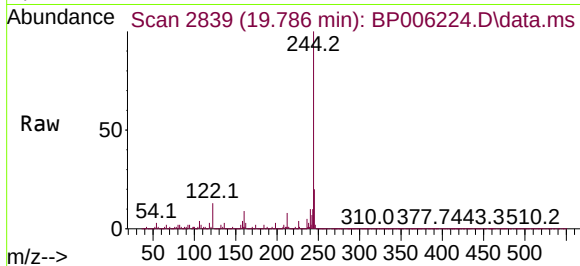




#79
 Terphenyl-d14
 Concen: 90.08 ng
 RT: 19.786 min Scan# 2839
 Delta R.T. -0.017 min
 Lab File: BP006224.D
 Acq: 14 Jul 2021 18:27

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-3

Tgt Ion:244 Resp: 3516129
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.3 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.698 min Scan# 3504
 Delta R.T. -0.018 min
 Lab File: BP006224.D
 Acq: 14 Jul 2021 18:27

Tgt Ion:264 Resp: 991649
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.0 17.6 26.4

