

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006223.D
 Acq On : 14 Jul 2021 17:52
 Operator : CG/JU
 Sample : M3026-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-2

Quant Time: Jul 15 03:10:14 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)

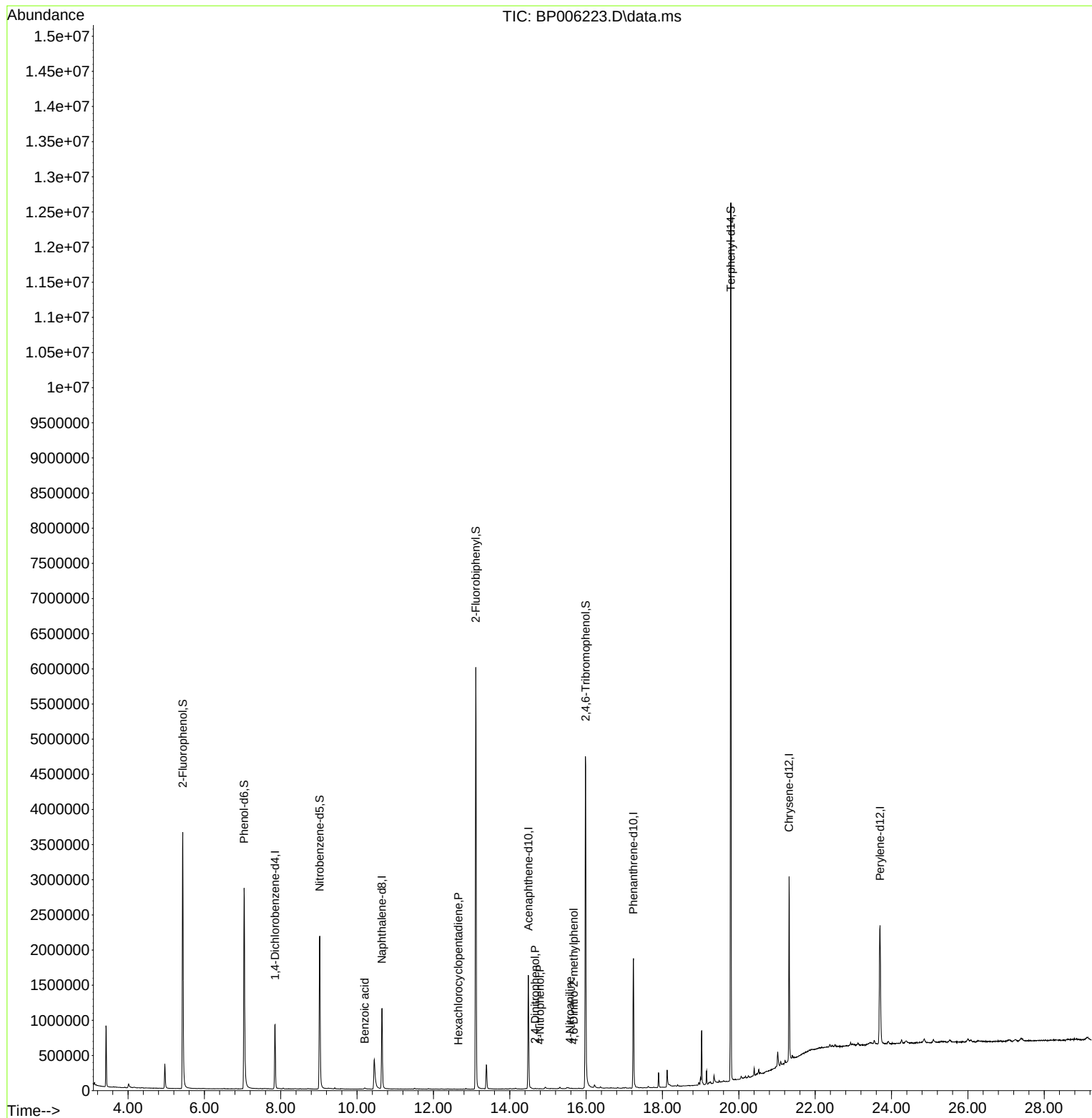
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	283283	20.00	ng	-0.01
21) Naphthalene-d8	10.652	136	1080830	20.00	ng	-0.01
39) Acenaphthene-d10	14.487	164	576040	20.00	ng	-0.01
64) Phenanthrene-d10	17.240	188	1156046	20.00	ng	#-0.01
76) Chrysene-d12	21.316	240	1187360	20.00	ng	#-0.01
86) Perylene-d12	23.698	264	1342375	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1910372	116.03	ng	0.00
7) Phenol-d6	7.040	99	2076178	95.34	ng	0.00
23) Nitrobenzene-d5	9.022	82	1374407	80.32	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	1111834	162.12	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	3164125	81.20	ng	-0.01
79) Terphenyl-d14	19.792	244	5539161	91.98	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.199	122	9088	7.62	ng	# 14
41) Hexachlorocyclopentadiene	12.657	237	18	8.71	ng	84
54) 2,4-Dinitrophenol	14.663	184	42	8.89	ng	# 1
56) 4-Nitrophenol	14.787	139	215	7.15	ng	# 63
62) 4-Nitroaniline	15.575	138	94	2.97	ng	# 89
65) 4,6-Dinitro-2-methylph...	15.675	198	28	4.42	ng	# 1

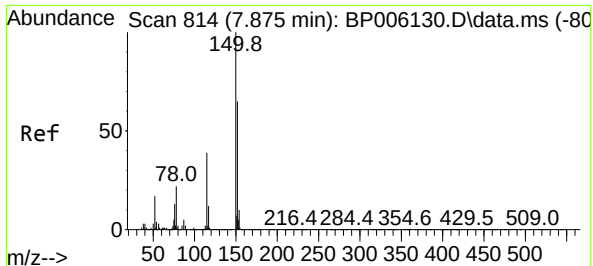
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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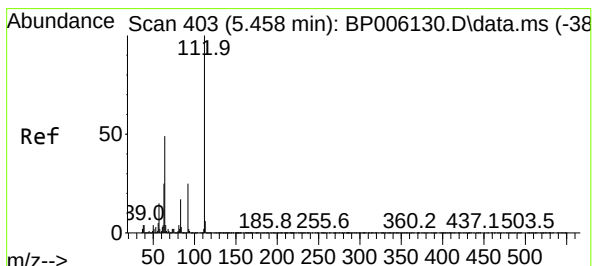
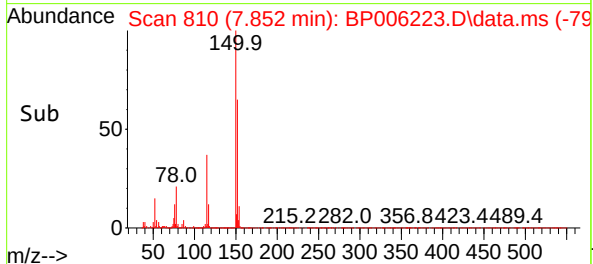
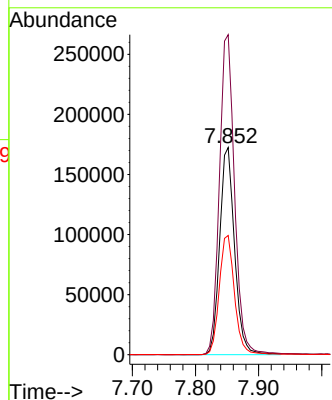
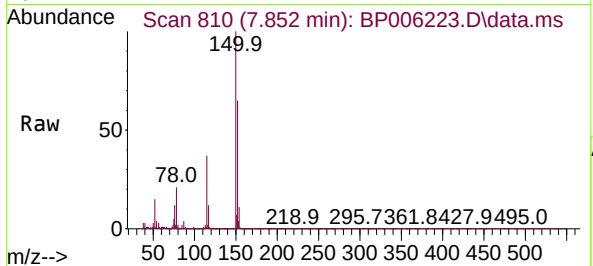




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

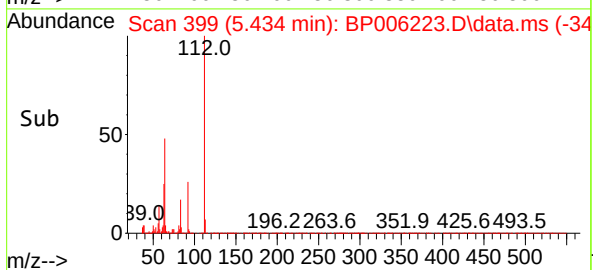
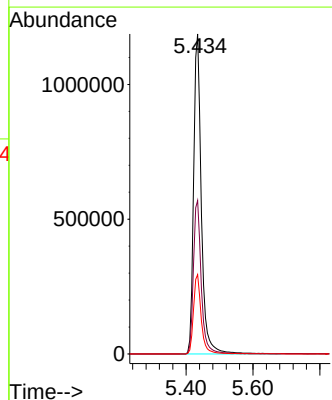
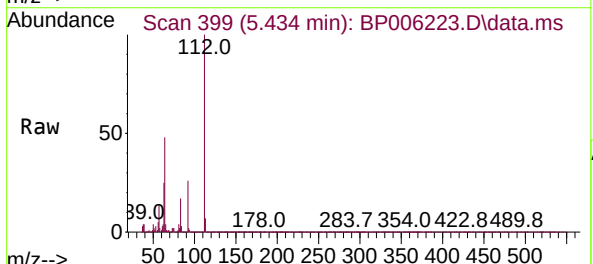
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

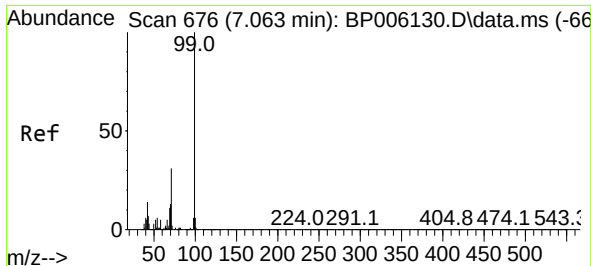
Tgt Ion:152 Resp: 283283
Ion Ratio Lower Upper
152 100
150 154.4 125.6 188.4
115 57.5 48.5 72.7



#5
2-Fluorophenol
Concen: 116.03 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion:112 Resp: 1910372
Ion Ratio Lower Upper
112 100
64 48.0 41.4 62.2
63 24.8 23.8 35.8



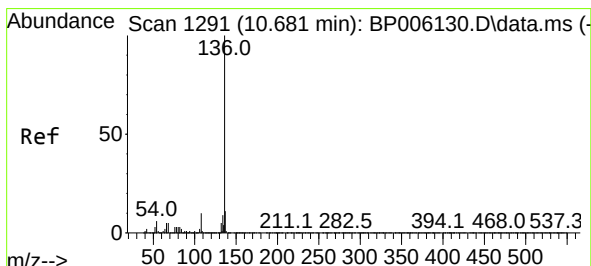
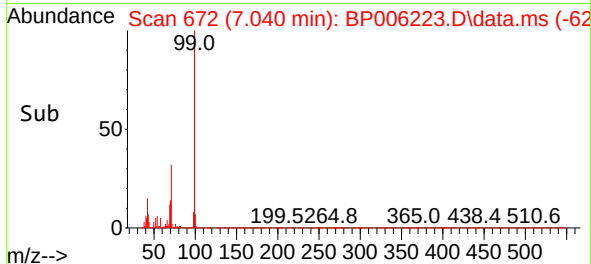
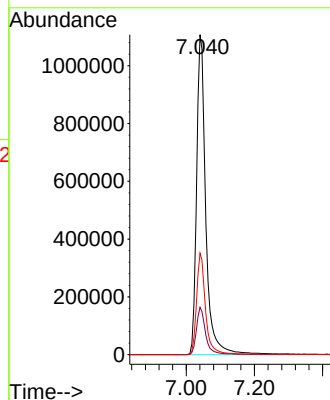
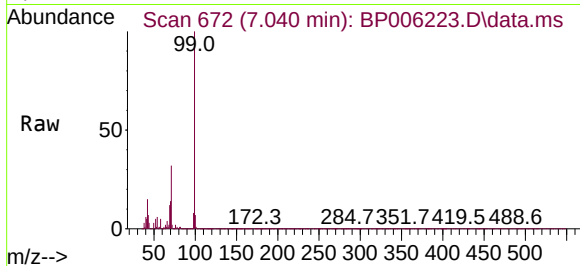


#7
Phenol-d6
Concen: 95.34 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.005 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

Tgt Ion: 99 Resp: 2076178

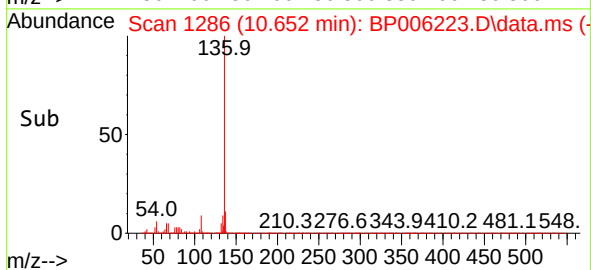
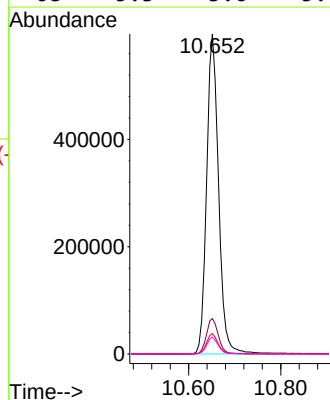
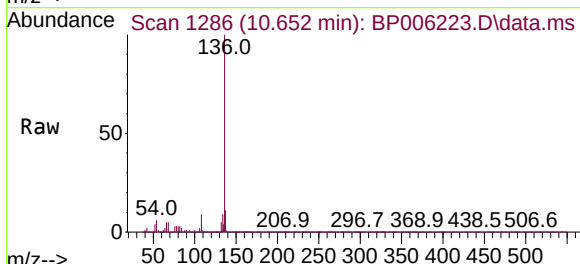
Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.4	20.0
71	31.8	30.6	46.0

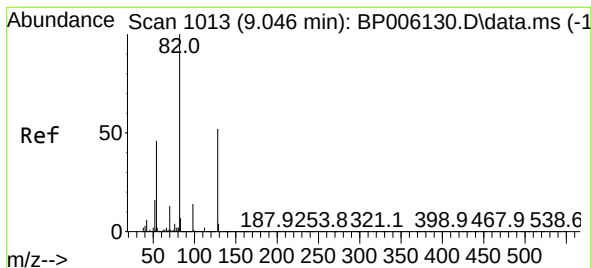


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion: 136 Resp: 1080830

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.4	4.6	6.8
68	5.3	3.6	5.4

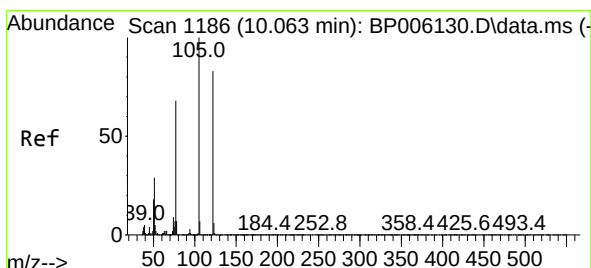
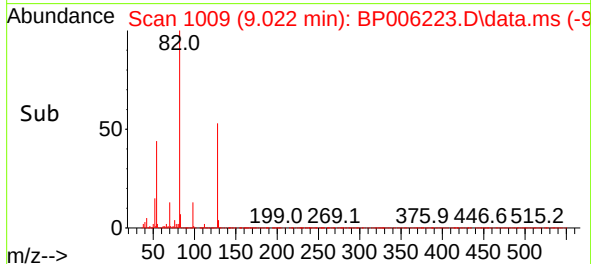
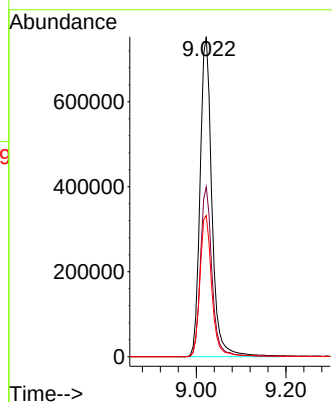
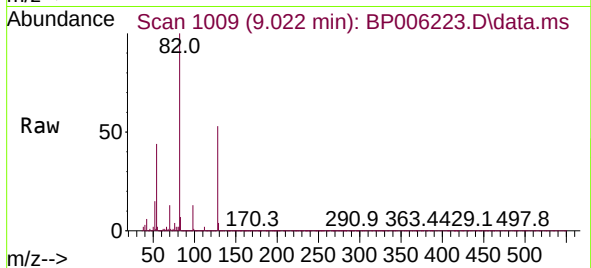




#23
Nitrobenzene-d5
Concen: 80.32 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

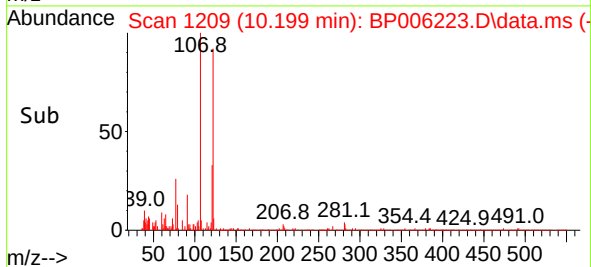
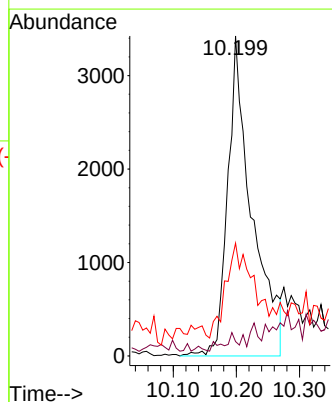
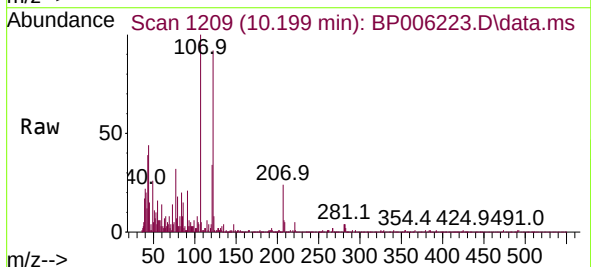
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

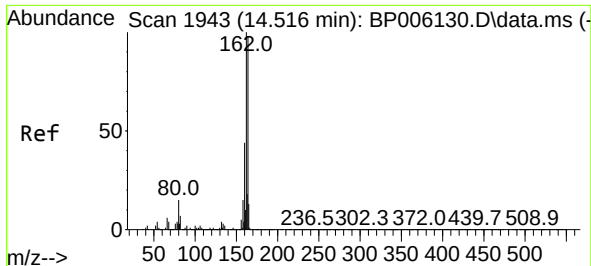
Tgt Ion: 82 Resp: 1374407
Ion Ratio Lower Upper
82 100
128 53.1 35.7 53.5
54 44.1 35.0 52.4



#32
Benzoic acid
Concen: 7.62 ng
RT: 10.199 min Scan# 1209
Delta R.T. 0.136 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion: 122 Resp: 9088
Ion Ratio Lower Upper
122 100
105 4.5 103.2 143.2#
77 35.3 76.2 116.2#

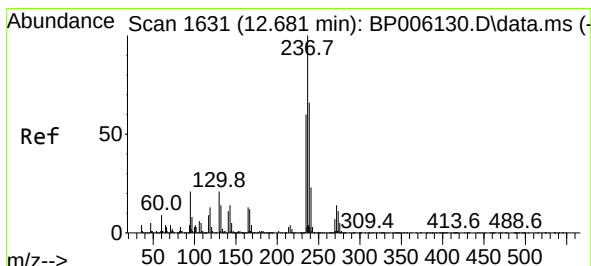
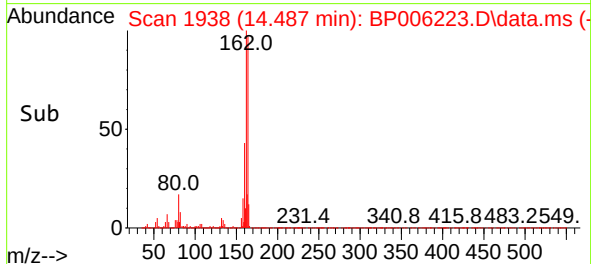
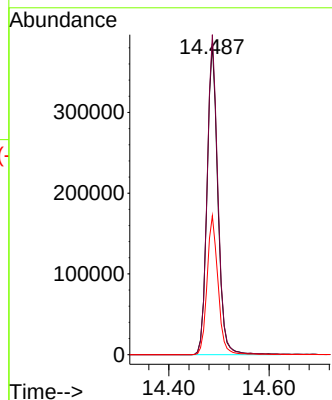
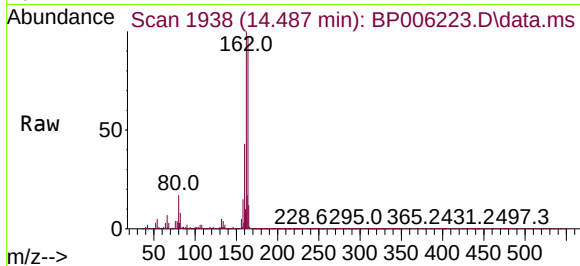




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

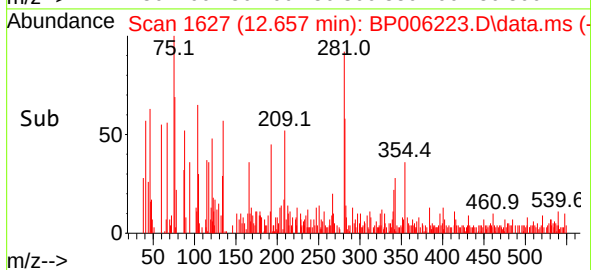
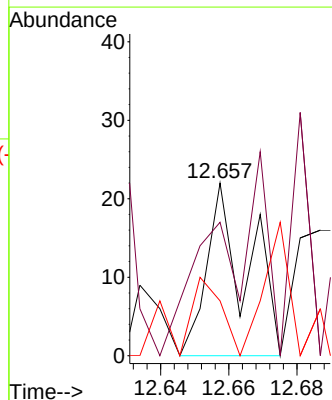
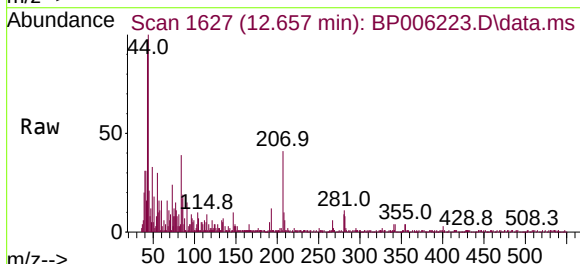
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

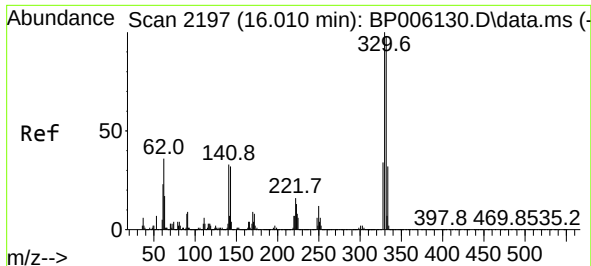
Tgt Ion:164 Resp: 576040
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 44.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 75.0 44.5 84.5
272 25.0 0.0 32.5

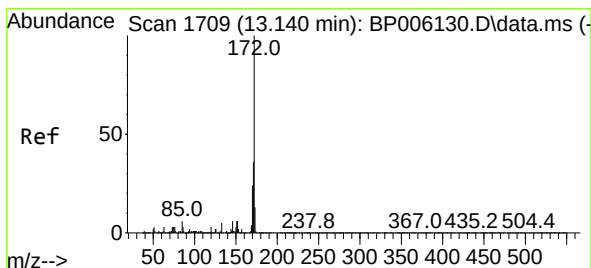
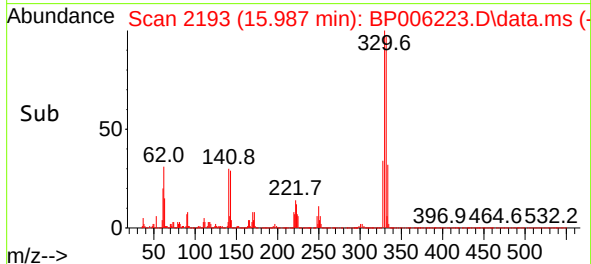
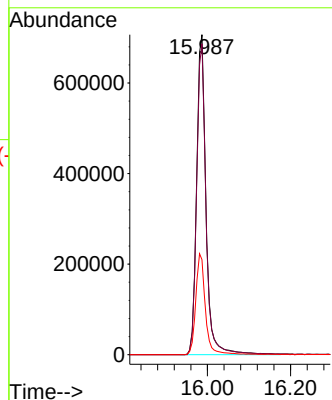
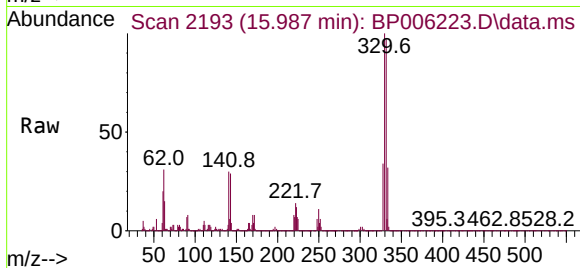




#42
2,4,6-Tribromophenol
Concen: 162.12 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

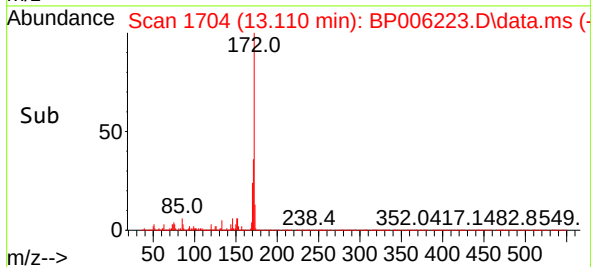
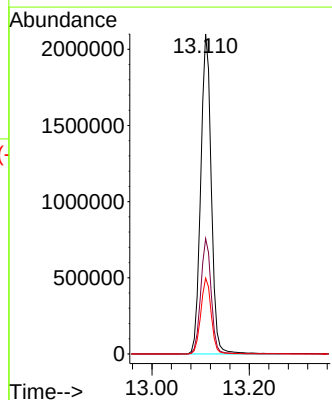
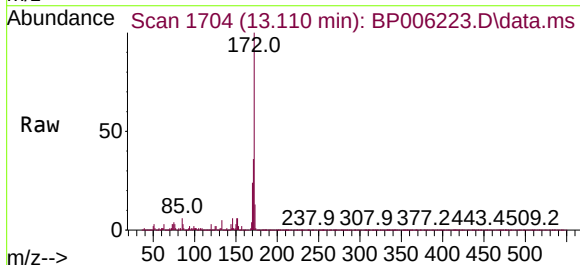
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BNA_P
ClientSampleId :
ABN-JG-2

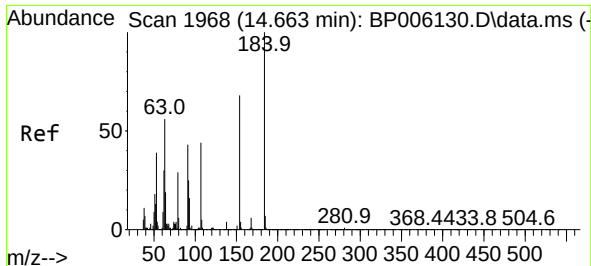
Tgt Ion:330 Resp: 1111834
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 32.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 81.20 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion:172 Resp: 3164125
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 23.7 18.6 27.8

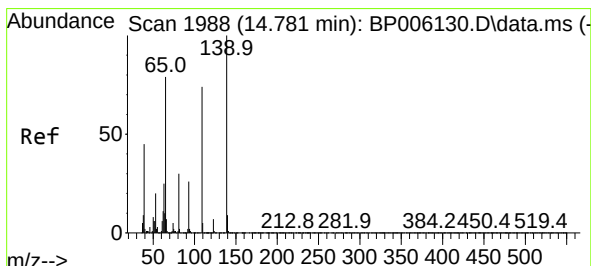
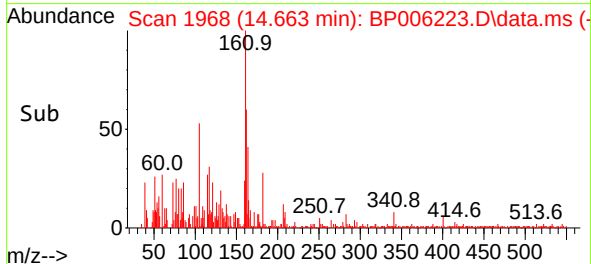
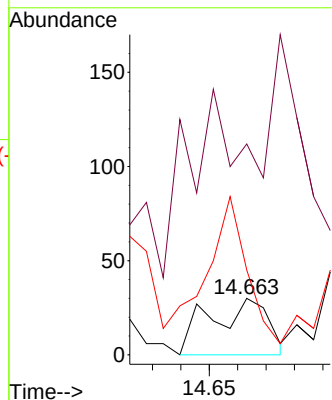
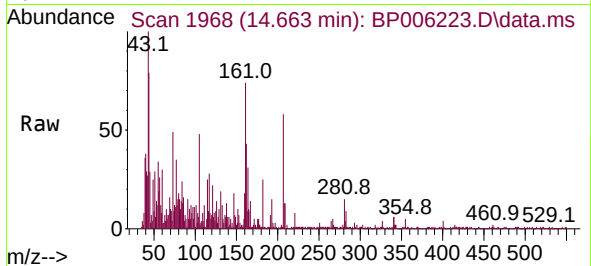




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

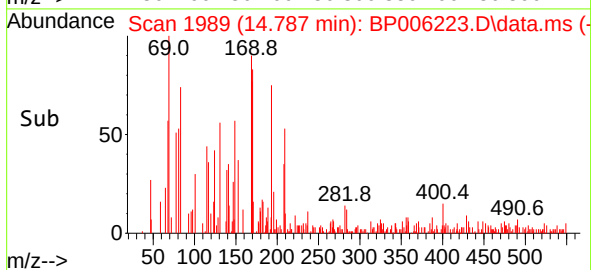
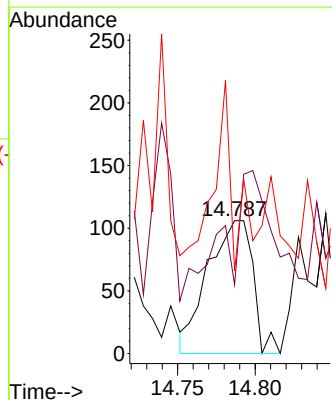
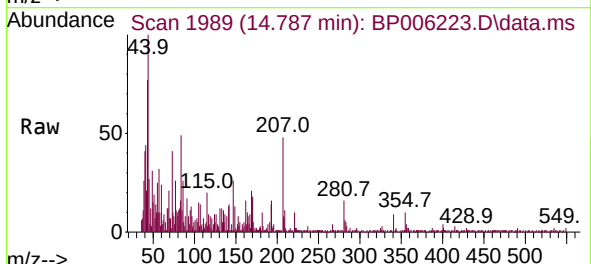
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BNA_P
ClientSampleId :
ABN-JG-2

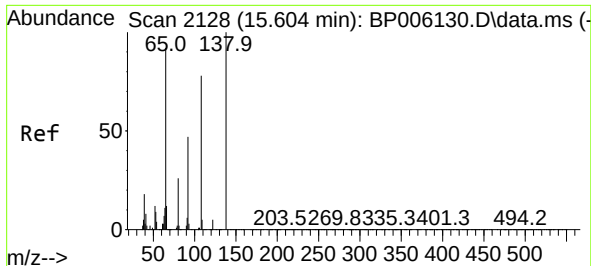
Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 373.3 47.0 70.6#
154 186.7 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.15 ng
RT: 14.787 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion:139 Resp: 215
Ion Ratio Lower Upper
139 100
109 51.9 72.3 112.3#
65 62.3 72.5 112.5#

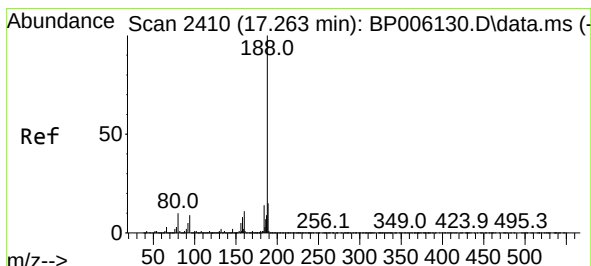
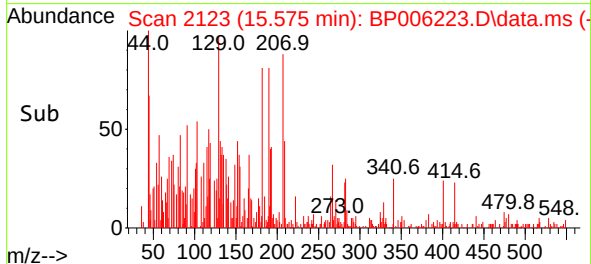
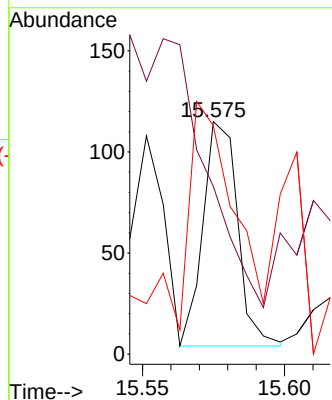
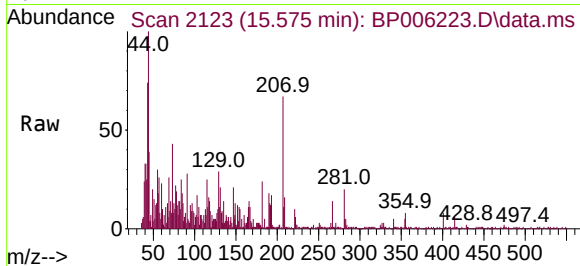




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.017 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

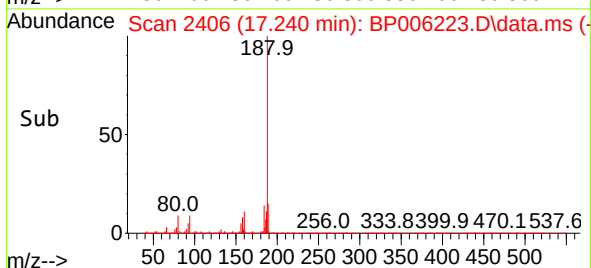
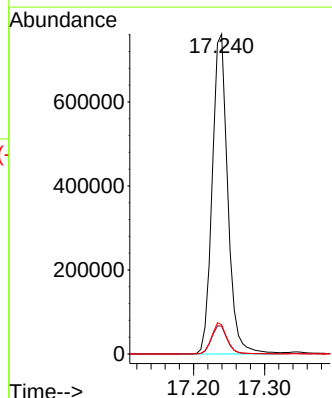
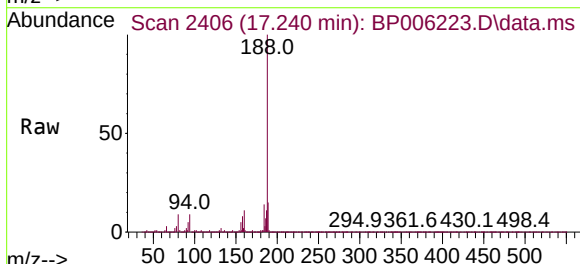
Instrument :
BNA_P
ClientSampled :
ABN-JG-2

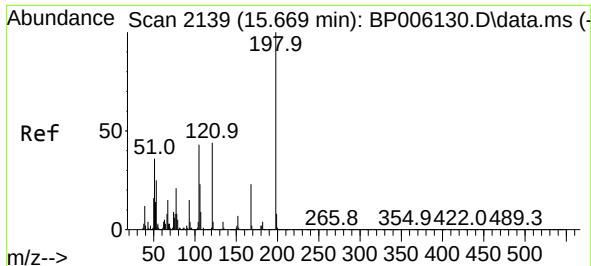
Tgt Ion:138 Resp: 94
Ion Ratio Lower Upper
138 100
92 72.2 31.2 71.2#
108 98.3 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.240 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion:188 Resp: 1156046
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.2 6.3 9.5

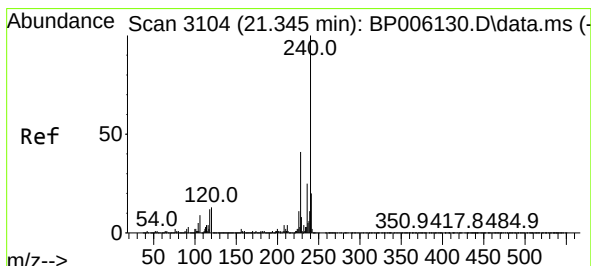
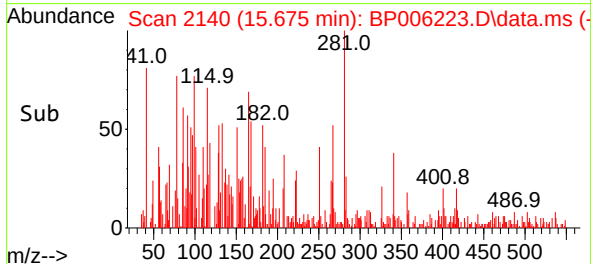
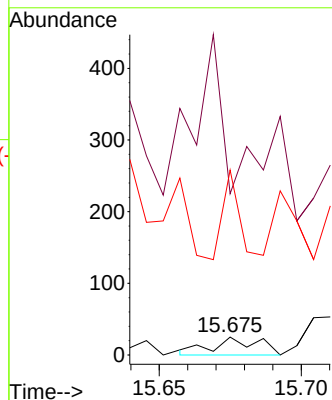
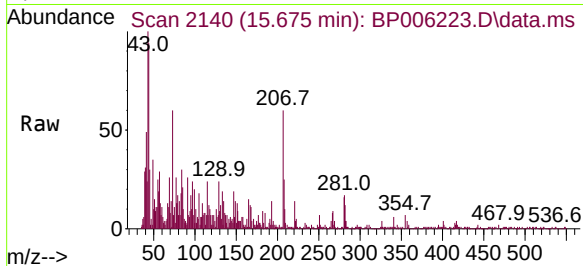




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.018 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

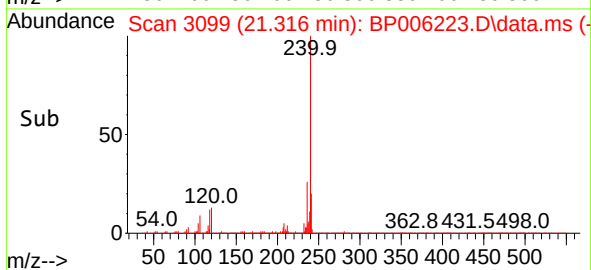
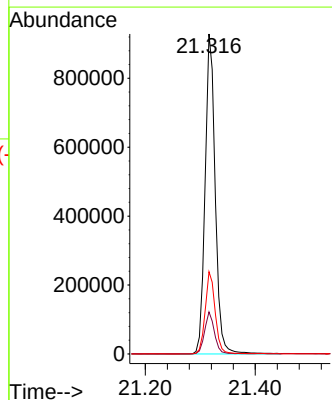
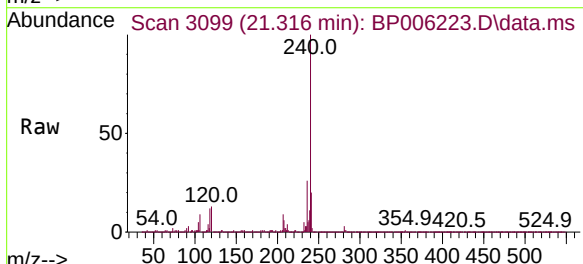
Instrument :
BNA_P
ClientSampled :
ABN-JG-2

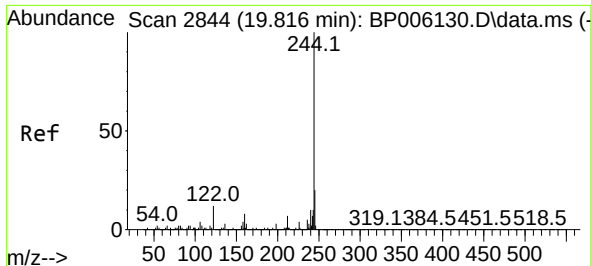
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 900.0 14.0 54.0#
105 1032.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006223.D
Acq: 14 Jul 2021 17:52

Tgt Ion:240 Resp: 1187360
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 25.7 20.6 31.0

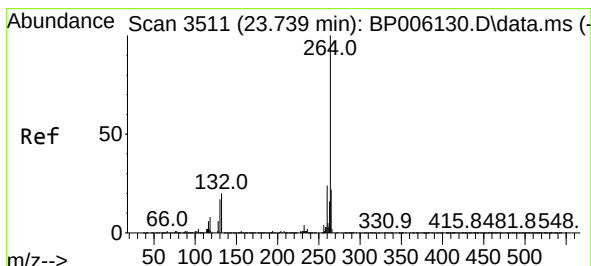
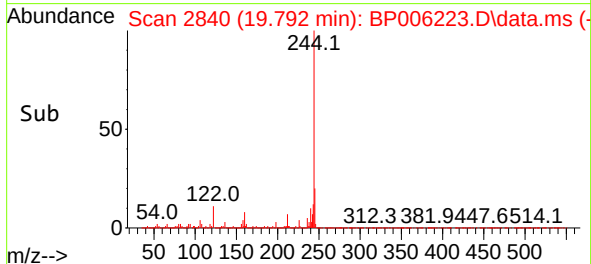
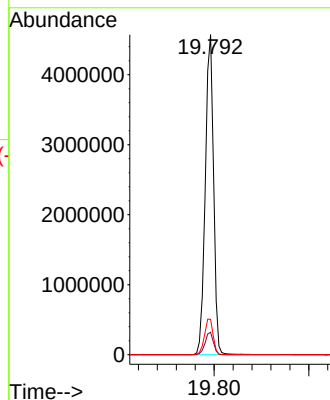
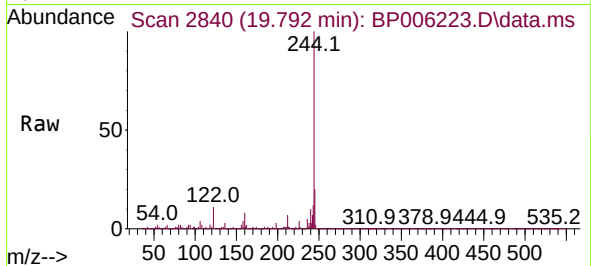




#79
 Terphenyl-d14
 Concen: 91.98 ng
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.011 min
 Lab File: BP006223.D
 Acq: 14 Jul 2021 17:52

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-2

Tgt Ion:244 Resp: 5539161
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.0 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.698 min Scan# 3504
 Delta R.T. -0.017 min
 Lab File: BP006223.D
 Acq: 14 Jul 2021 17:52

Tgt Ion:264 Resp: 1342375
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.4 17.6 26.4

