

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006231.D
 Acq On : 14 Jul 2021 22:25
 Operator : CG/JU
 Sample : M3026-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-2

Quant Time: Jul 15 03:12:19 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)

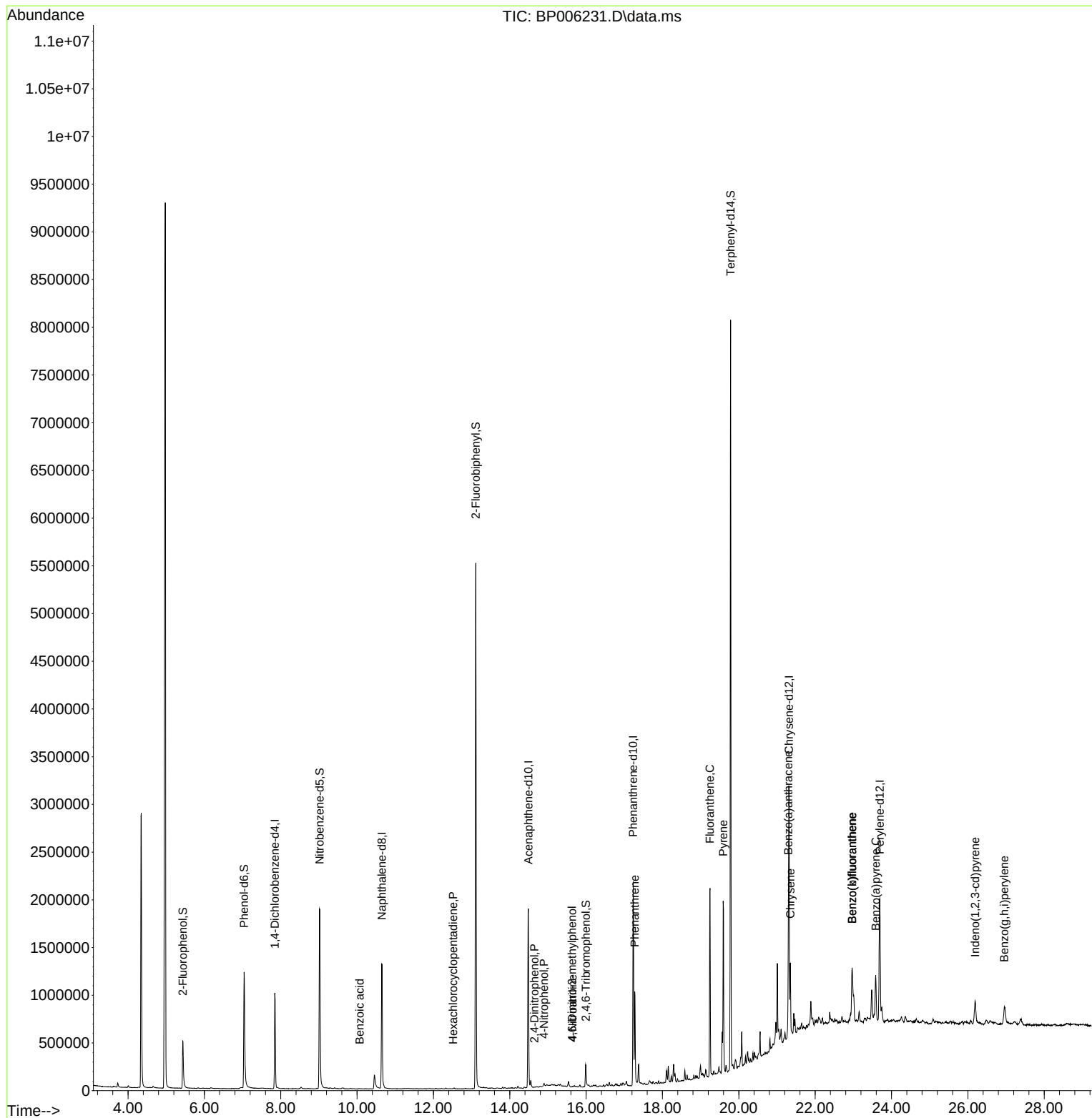
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	304430	20.00	ng	-0.02
21) Naphthalene-d8	10.652	136	1228215	20.00	ng	-0.01
39) Acenaphthene-d10	14.487	164	697257	20.00	ng	-0.01
64) Phenanthrene-d10	17.234	188	1287808	20.00	ng	#-0.02
76) Chrysene-d12	21.316	240	1055972	20.00	ng	#-0.01
86) Perylene-d12	23.692	264	943435	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	297225	16.80	ng	0.00
7) Phenol-d6	7.040	99	934200	39.92	ng	0.00
23) Nitrobenzene-d5	9.016	82	1196971	61.56	ng	-0.02
42) 2,4,6-Tribromophenol	15.993	330	50701	6.11	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2826110	59.92	ng	-0.01
79) Terphenyl-d14	19.786	244	3410962	63.69	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	10.069	122	32	6.90	ng	# 1
41) Hexachlorocyclopentadiene	12.516	237	9	8.70	ng	75
54) 2,4-Dinitrophenol	14.646	184	122	8.90	ng	# 1
56) 4-Nitrophenol	14.898	139	7616	7.91	ng	# 10
62) 4-Nitroaniline	15.646	138	39	2.96	ng	83
65) 4,6-Dinitro-2-methylph...	15.634	198	13	4.42	ng	# 1
71) Phenanthrene	17.275	178	591588	8.13	ng	99
75) Fluoranthene	19.245	202	1143216	14.34	ng	96
78) Pyrene	19.592	202	1048412	14.69	ng	99
81) Benzo(a)anthracene	21.298	228	482208	7.22	ng	99
83) Chrysene	21.351	228	397507	6.02	ng	97
87) Indeno(1,2,3-cd)pyrene	26.192	276	235471	3.39	ng	# 92
88) Benzo(b)fluoranthene	22.969	252	491884	8.60	ng	# 94
89) Benzo(k)fluoranthene	22.969	252	491884	8.79	ng	# 94
90) Benzo(a)pyrene	23.586	252	348685	6.49	ng	# 91
92) Benzo(g,h,i)perylene	26.957	276	235856	4.00	ng	# 92

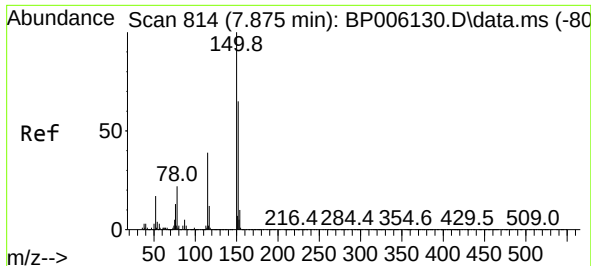
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006231.D
Acq On : 14 Jul 2021 22:25
Operator : CG/JU
Sample : M3026-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

Quant Time: Jul 15 03:12:19 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

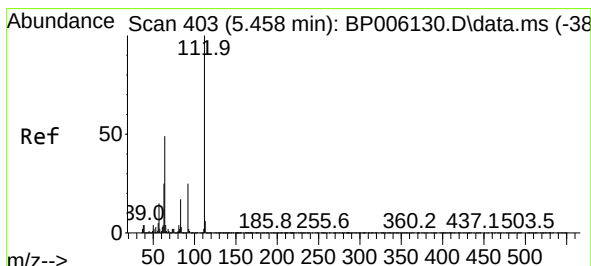
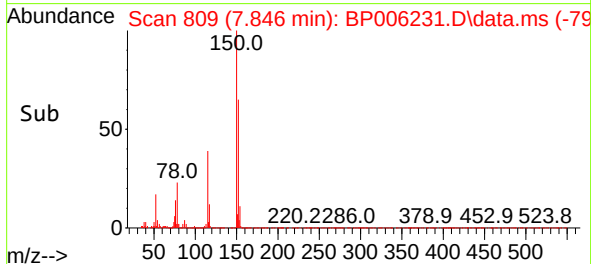
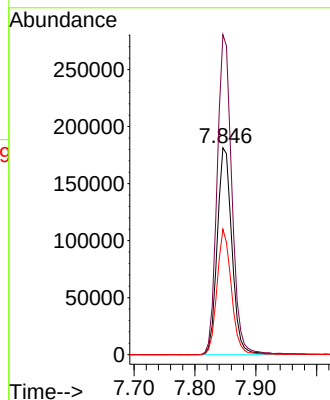
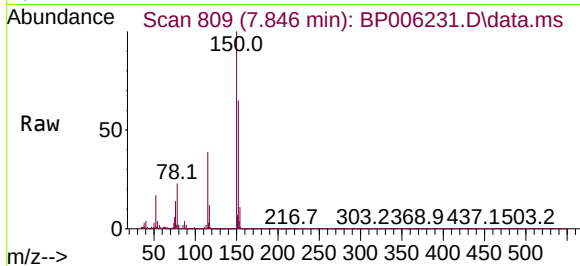




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

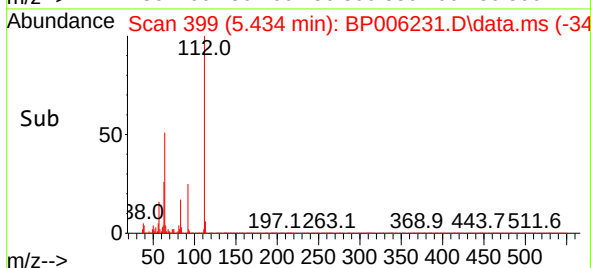
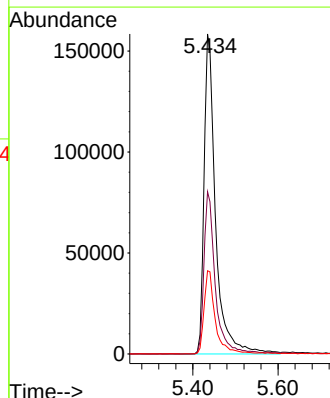
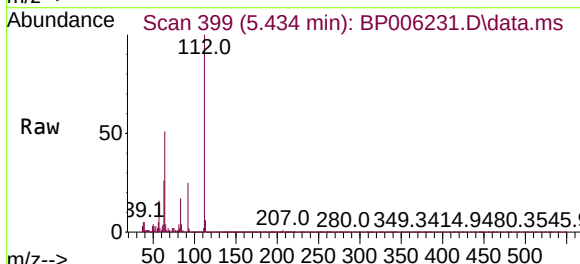
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

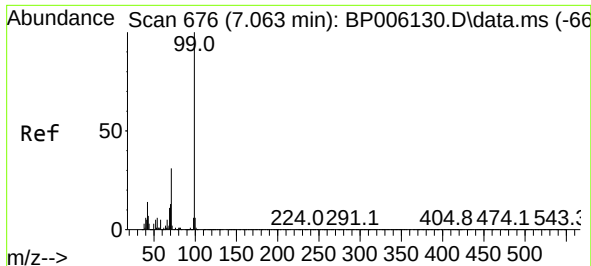
Tgt Ion:152 Resp: 304430
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 16.80 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:112 Resp: 297225
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 26.0 23.8 35.8

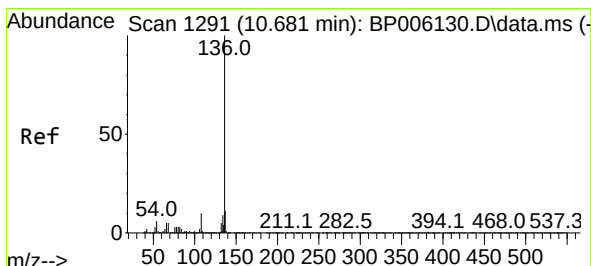
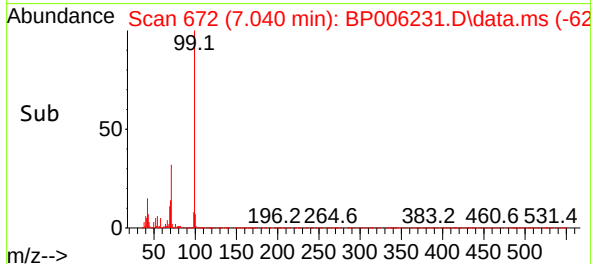
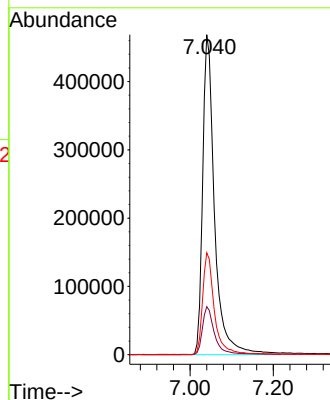
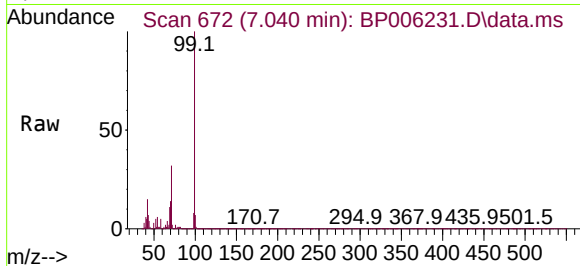




#7
Phenol-d6
Concen: 39.92 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.005 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

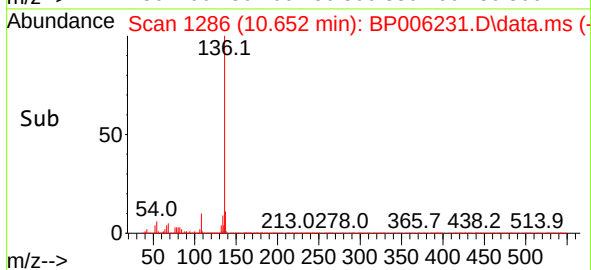
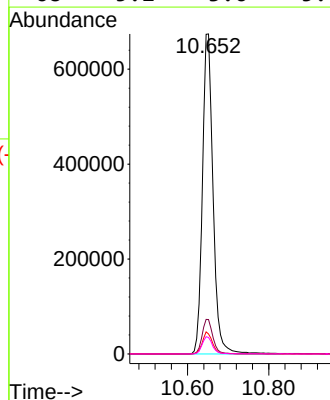
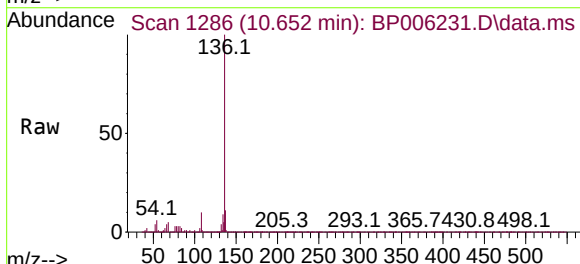
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

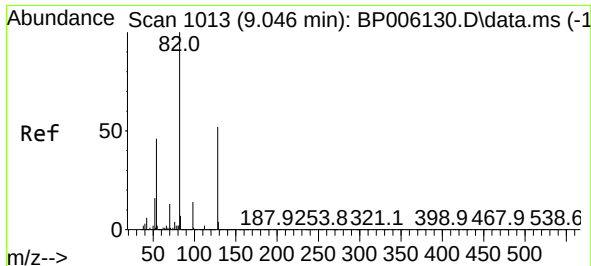
Tgt Ion: 99 Resp: 934200
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 31.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion: 136 Resp: 1228215
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.3 4.6 6.8
68 5.2 3.6 5.4

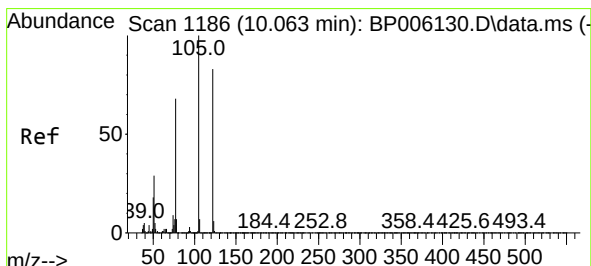
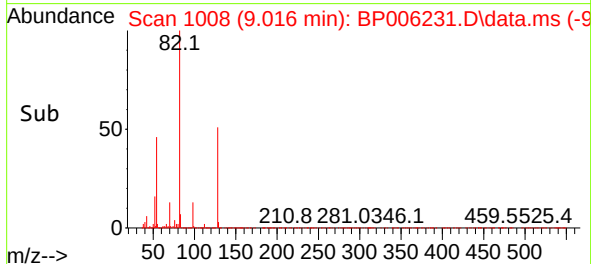
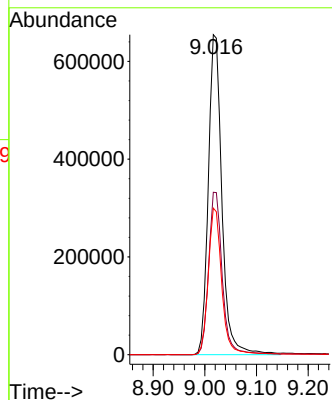
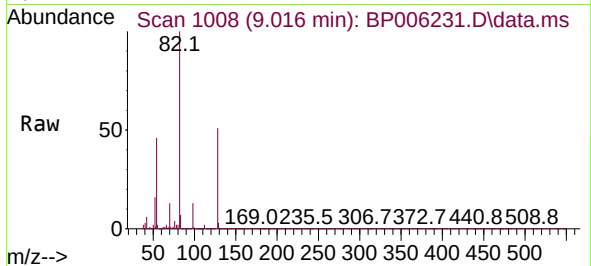




#23
Nitrobenzene-d5
Concen: 61.56 ng
RT: 9.016 min Scan# 1008
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

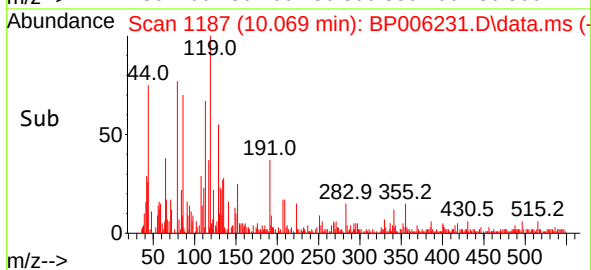
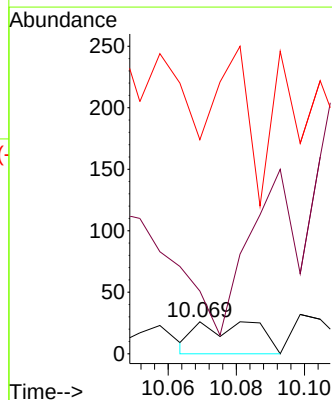
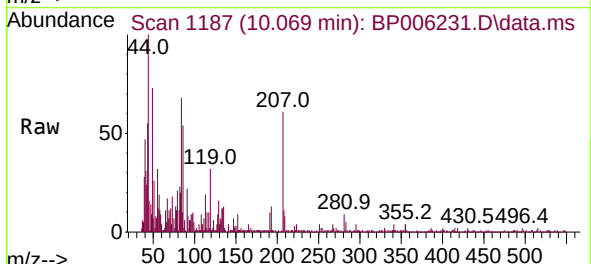
Instrument :
BNA_P
ClientSampled :
ABN-JG-2

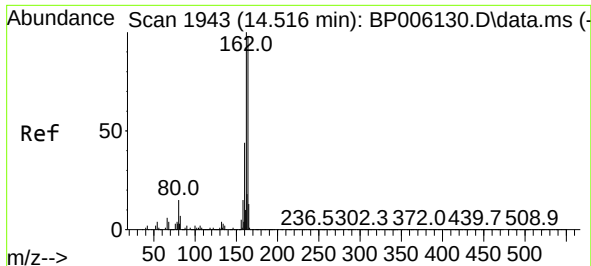
Tgt Ion: 82 Resp: 1196971
Ion Ratio Lower Upper
82 100
128 50.7 35.7 53.5
54 45.8 35.0 52.4



#32
Benzoic acid
Concen: 6.90 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion: 122 Resp: 32
Ion Ratio Lower Upper
122 100
105 250.0 103.2 143.2#
77 669.2 76.2 116.2#

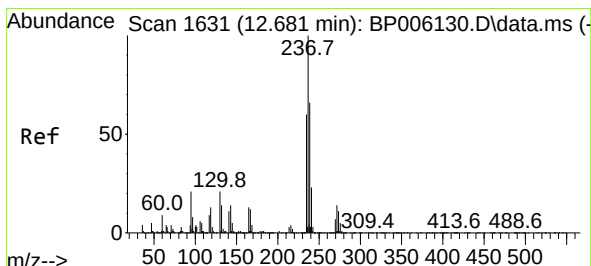
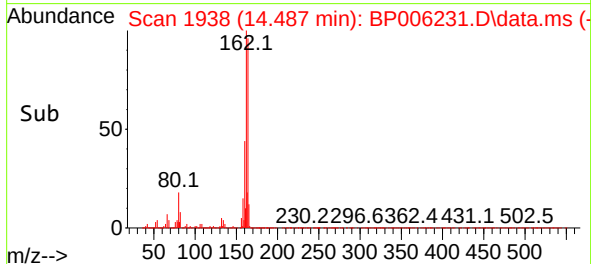
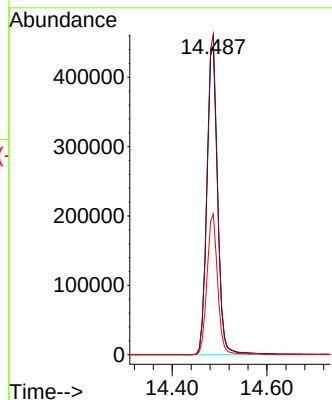
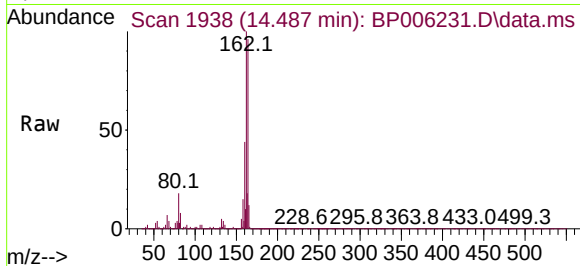




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

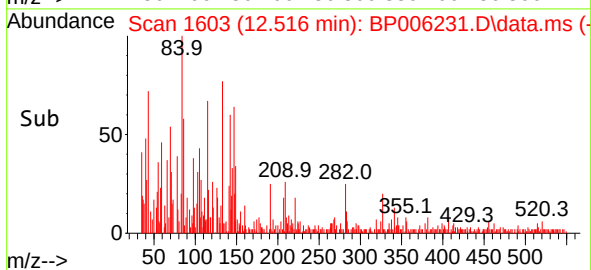
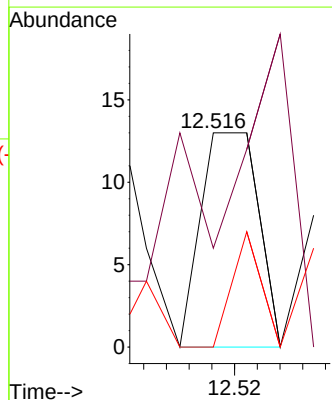
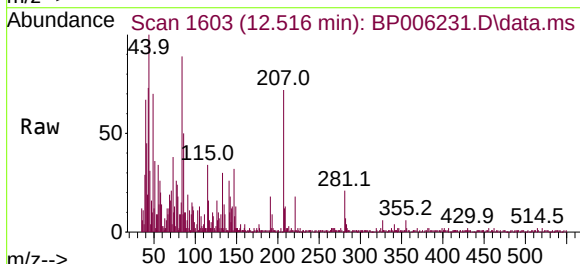
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

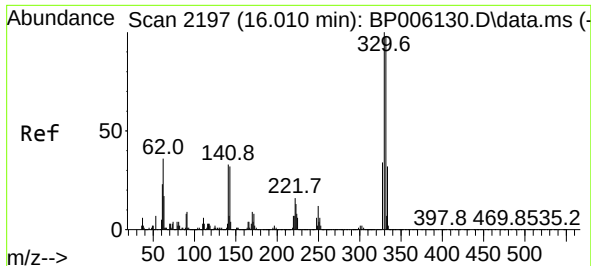
Tgt Ion:164 Resp: 697257
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 45.6 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.70 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.152 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:237 Resp: 9
Ion Ratio Lower Upper
237 100
235 46.2 44.5 84.5
272 0.0 0.0 32.5

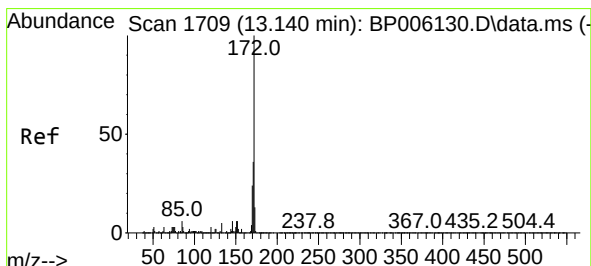
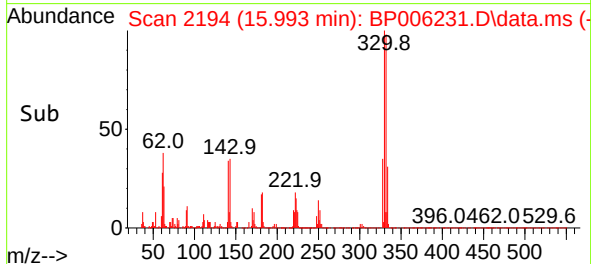
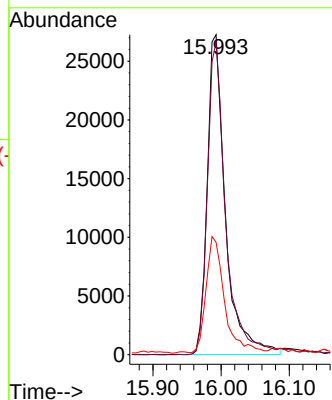
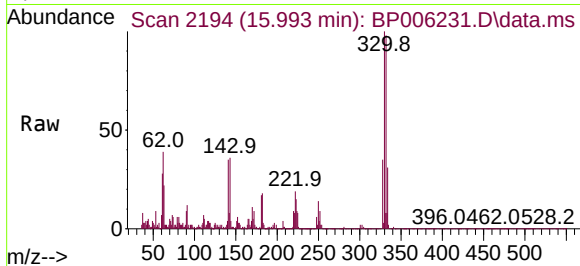




#42
2,4,6-Tribromophenol
Concen: 6.11 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

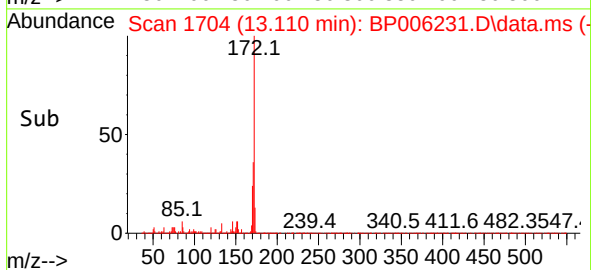
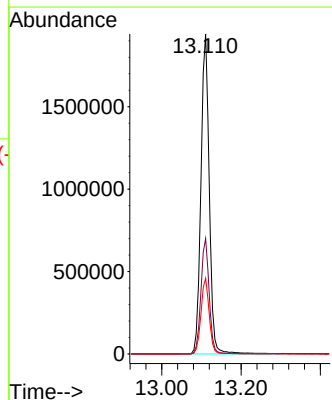
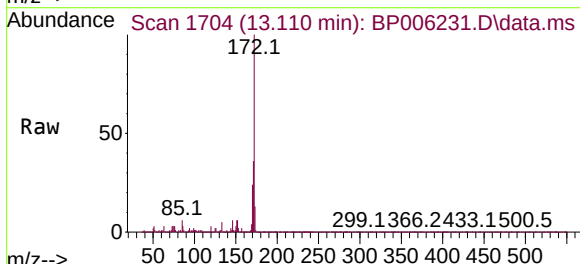
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

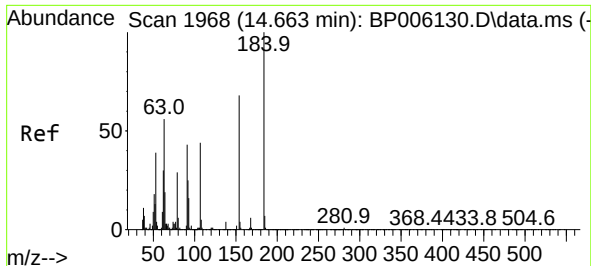
Tgt Ion:330 Resp: 50701
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 36.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.92 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:172 Resp: 2826110
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.7 18.6 27.8

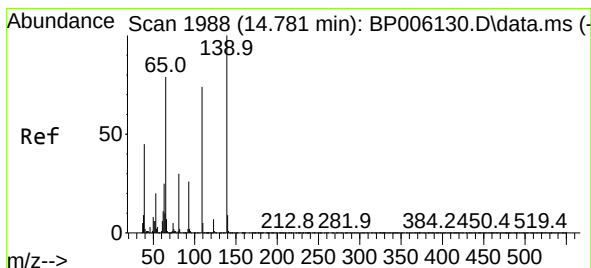
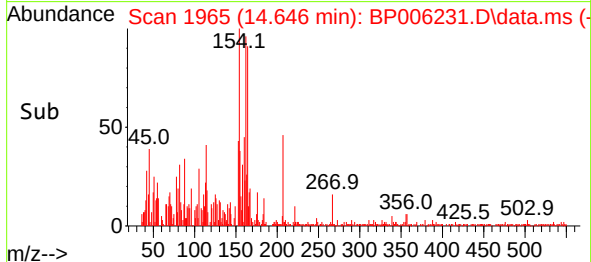
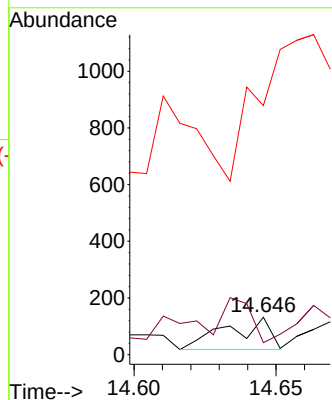
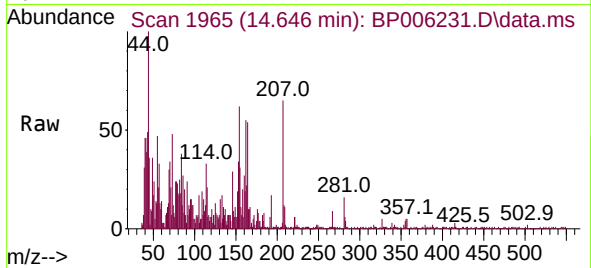




#54
2,4-Dinitrophenol
Concen: 8.90 ng
RT: 14.646 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

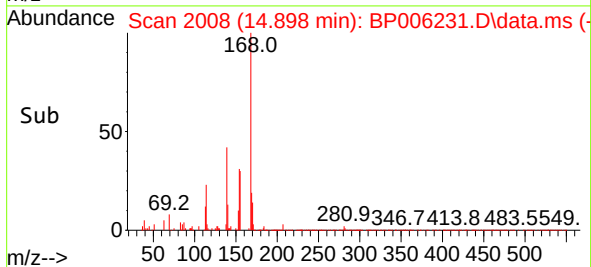
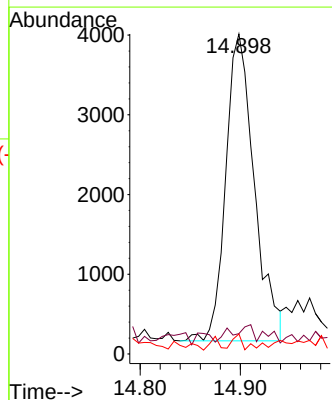
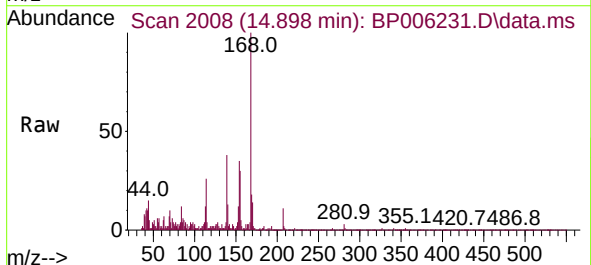
Instrument :
BNA_P
ClientSampled :
ABN-JG-2

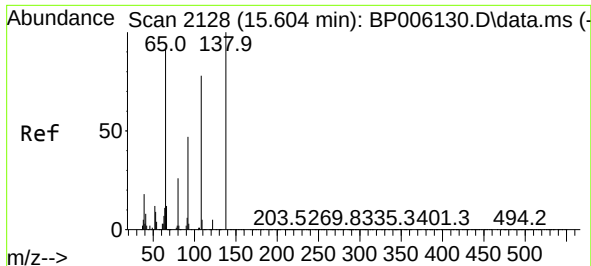
Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 31.8 47.0 70.6#
154 665.9 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.91 ng
RT: 14.898 min Scan# 2008
Delta R.T. 0.130 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:139 Resp: 7616
Ion Ratio Lower Upper
139 100
109 6.4 72.3 112.3#
65 6.3 72.5 112.5#

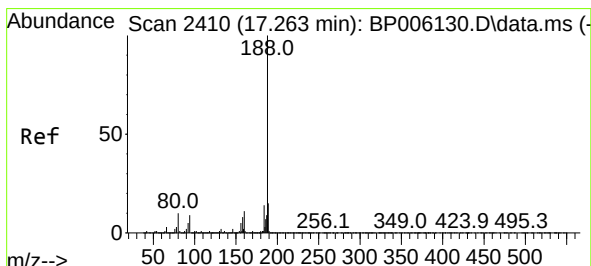
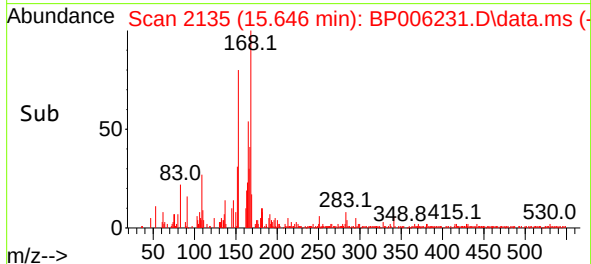
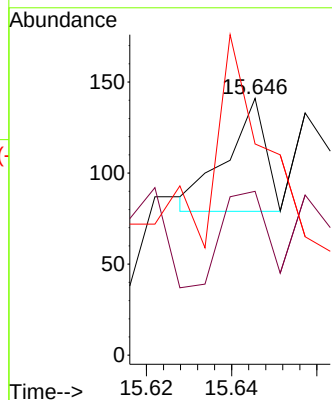
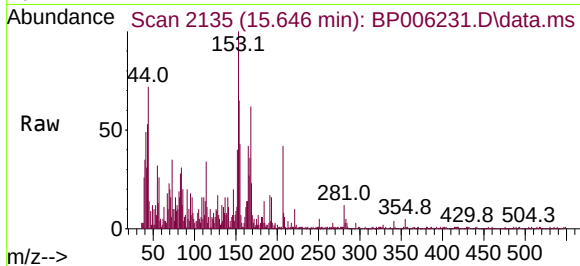




#62
4-Nitroaniline
Concen: 2.96 ng
RT: 15.646 min Scan# 2135
Delta R.T. 0.053 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

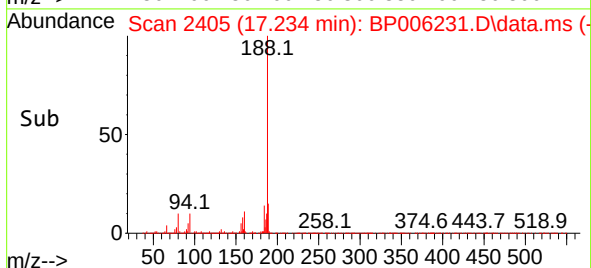
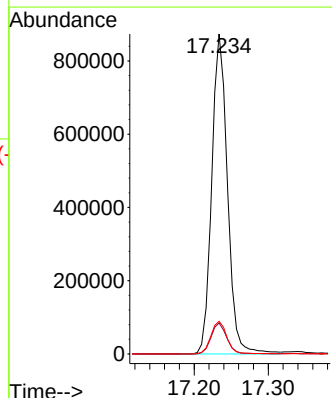
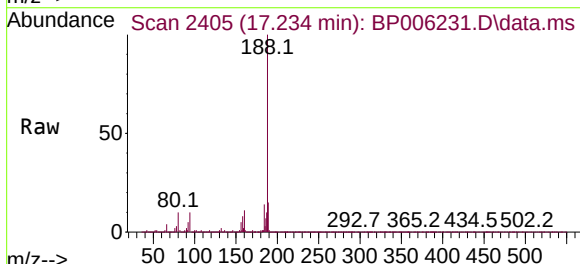
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

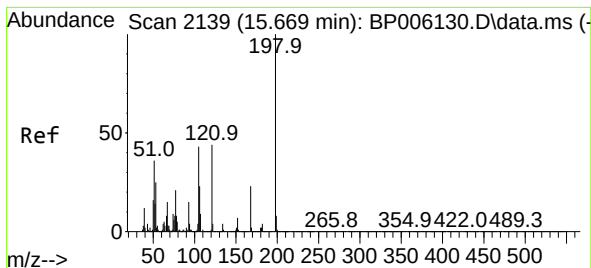
Tgt Ion:138	Resp:	39
Ion Ratio	Lower	Upper
138	100	
92	63.8	31.2 71.2
108	82.3	78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:188	Resp:	1287808
Ion Ratio	Lower	Upper
188	100	
94	9.7	5.6 8.4#
80	10.2	6.3 9.5#

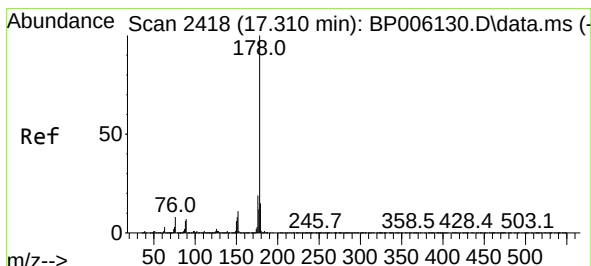
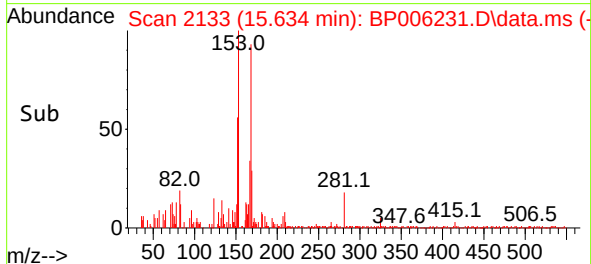
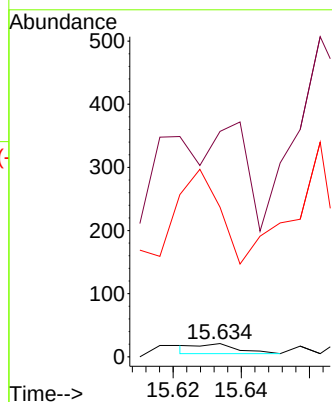
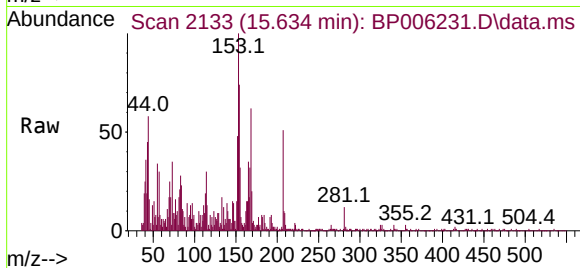




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.023 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

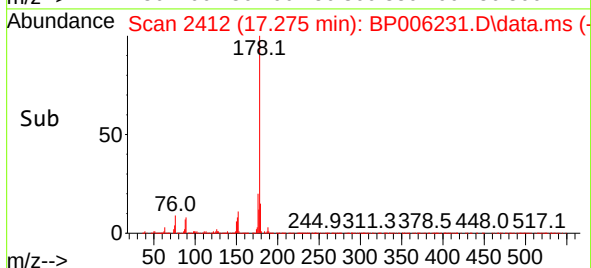
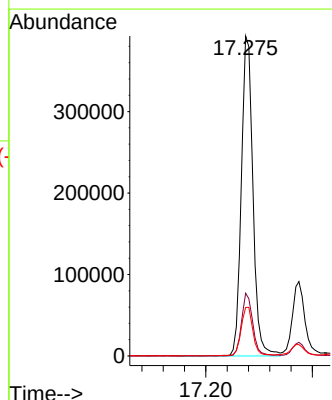
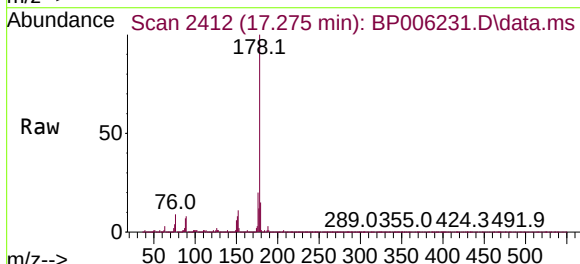
Instrument :
BNA_P
ClientSampled :
ABN-JG-2

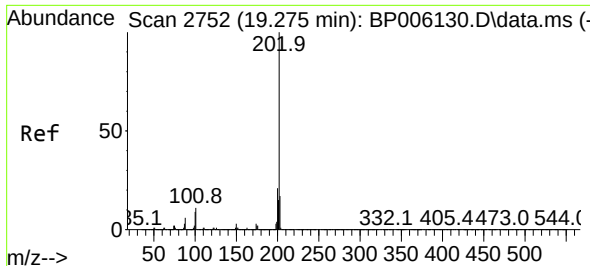
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1700.0 14.0 54.0#
105 1128.6 19.5 59.5#



#71
Phenanthrene
Concen: 8.13 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:178 Resp: 591588
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.2 12.4 18.6

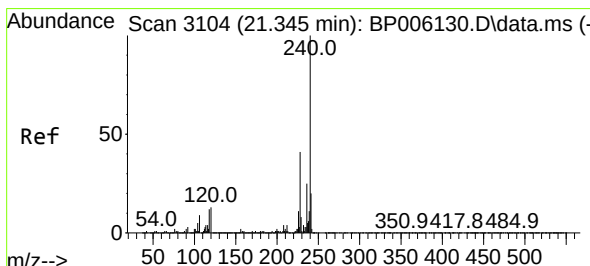
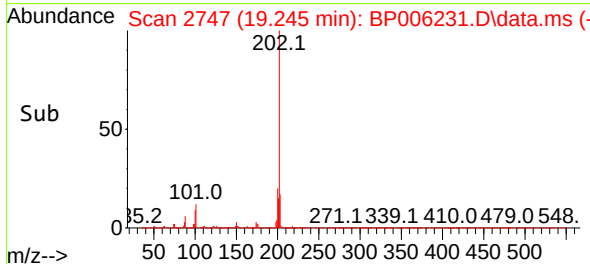
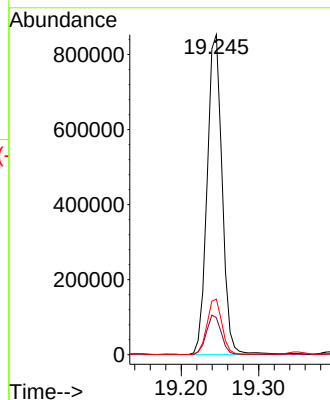
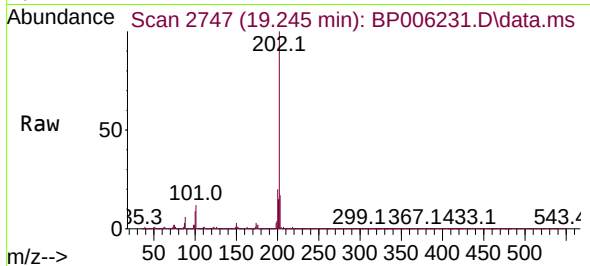




#75
Fluoranthene
Concen: 14.34 ng
RT: 19.245 min Scan# 2747
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

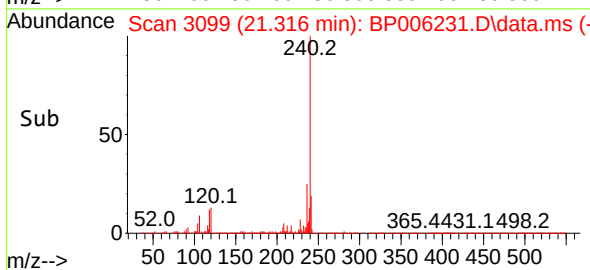
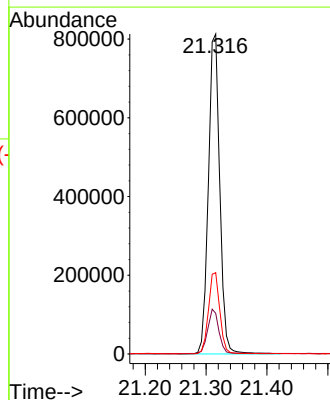
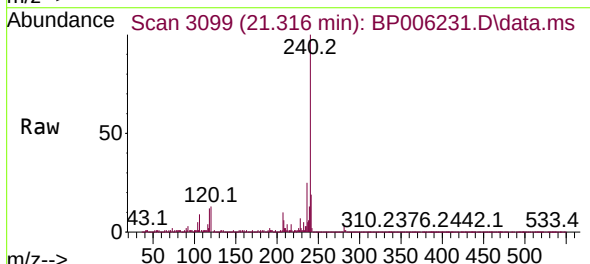
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

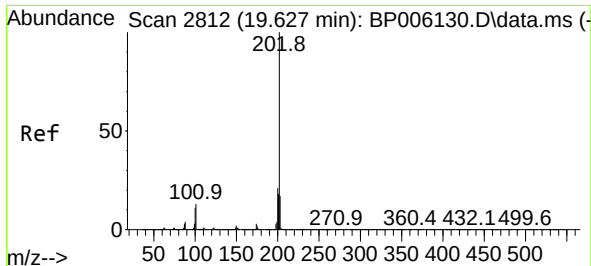
Tgt Ion:202 Resp: 1143216
Ion Ratio Lower Upper
202 100
101 11.6 0.0 27.6
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:240 Resp: 1055972
Ion Ratio Lower Upper
240 100
120 12.7 6.5 9.7#
236 25.4 20.6 31.0

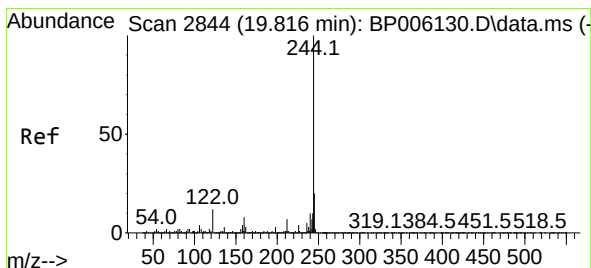
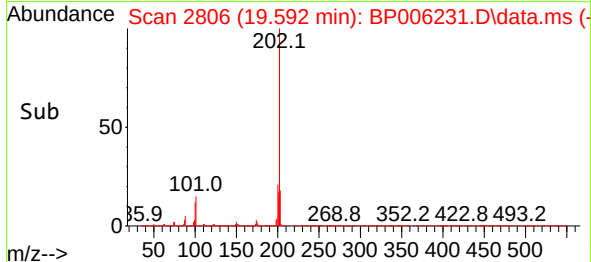
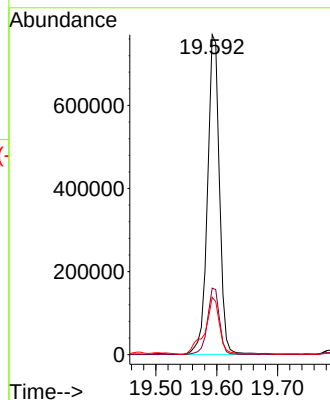
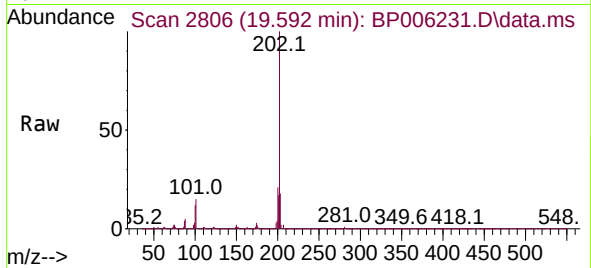




#78
Pyrene
Concen: 14.69 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

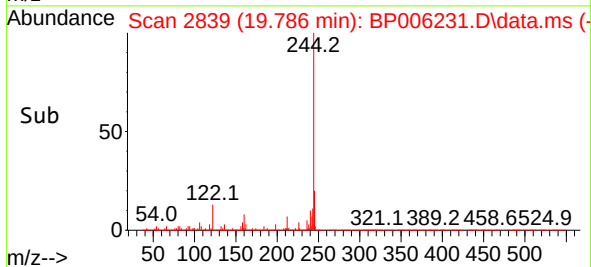
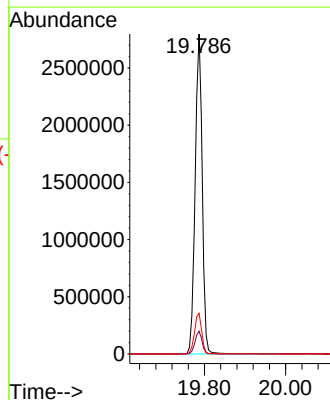
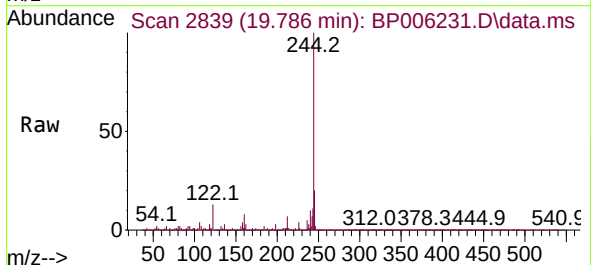
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

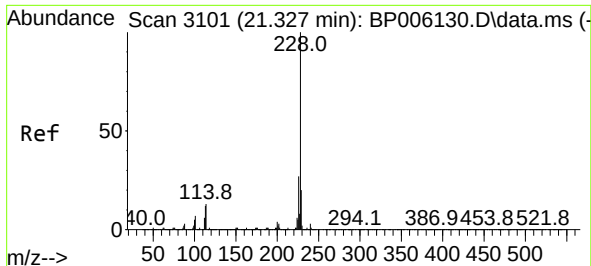
Tgt Ion:202 Resp: 1048412
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 63.69 ng
RT: 19.786 min Scan# 2839
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:244 Resp: 3410962
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.7 7.1 10.7#

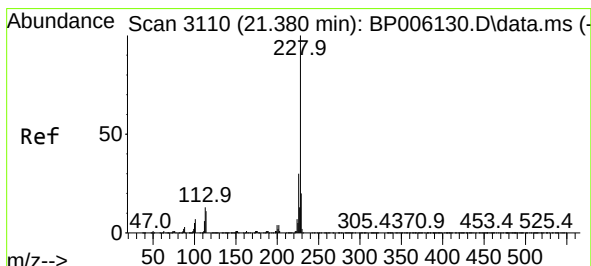
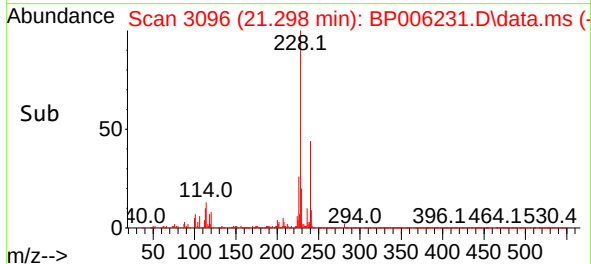
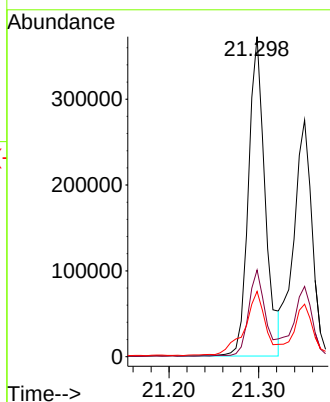
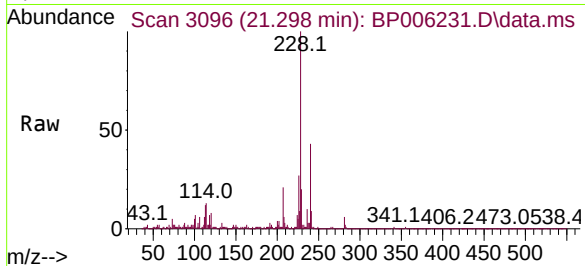




#81
Benzo(a)anthracene
Concen: 7.22 ng
RT: 21.298 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

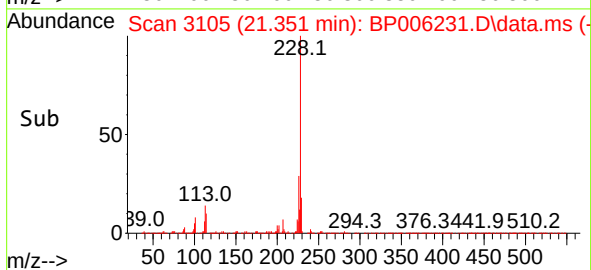
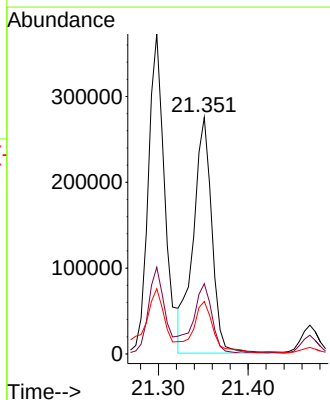
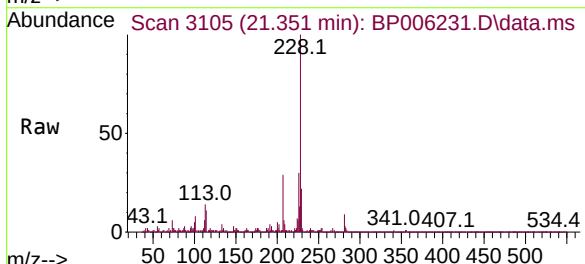
Instrument :
BNA_P
ClientSampled :
ABN-JG-2

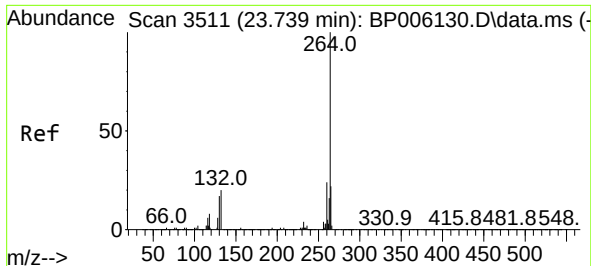
Tgt Ion:228 Resp: 482208
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.4 15.8 23.6



#83
Chrysene
Concen: 6.02 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:228 Resp: 397507
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 22.2 15.4 23.2

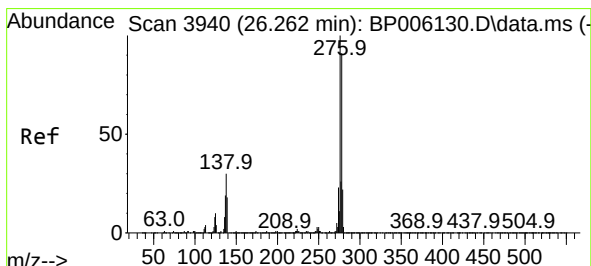
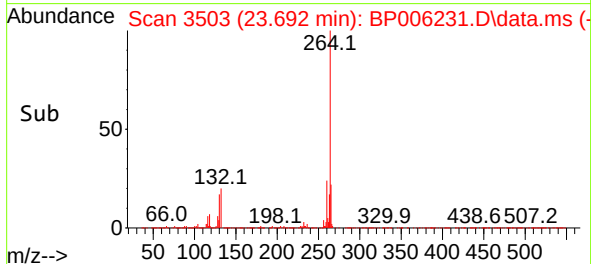
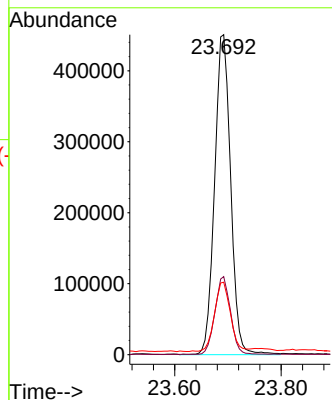
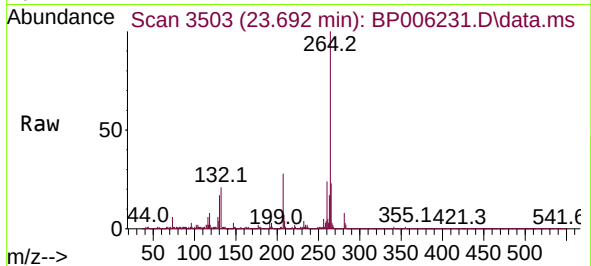




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.692 min Scan# 3503
 Delta R.T. -0.023 min
 Lab File: BP006231.D
 Acq: 14 Jul 2021 22:25

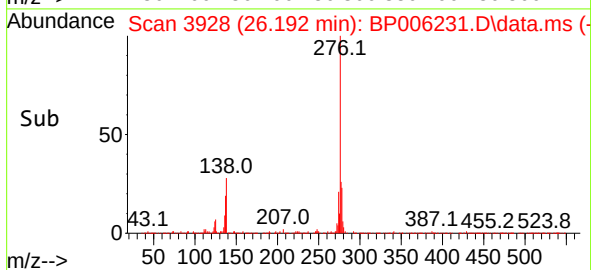
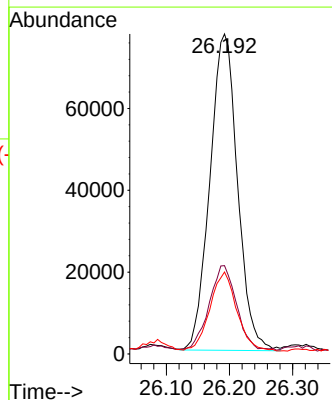
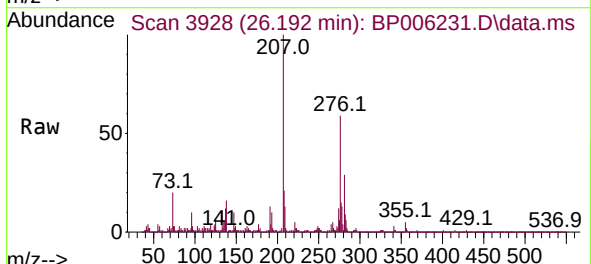
Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-2

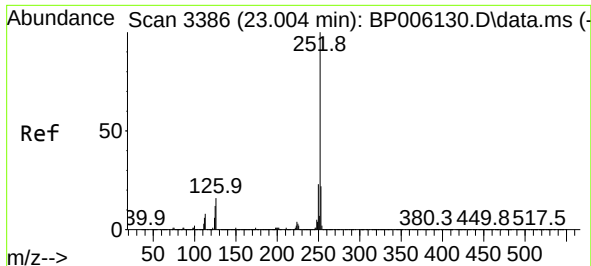
Tgt Ion:	264	Resp:	943435
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.6	28.0
265	22.6	17.6	26.4



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.39 ng
 RT: 26.192 min Scan# 3928
 Delta R.T. -0.041 min
 Lab File: BP006231.D
 Acq: 14 Jul 2021 22:25

Tgt Ion:	276	Resp:	235471
Ion Ratio	Lower	Upper	
276	100		
138	26.4	15.3	22.9#
277	24.2	20.4	30.6

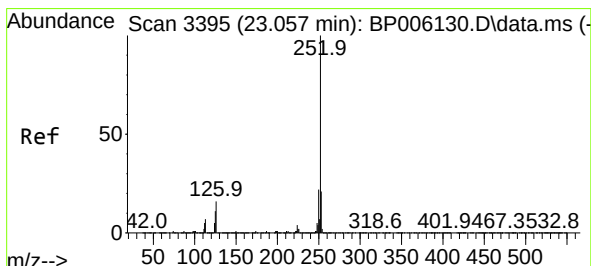
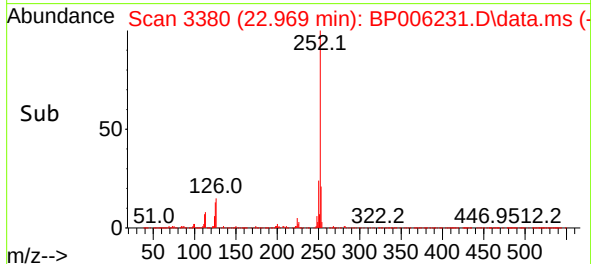
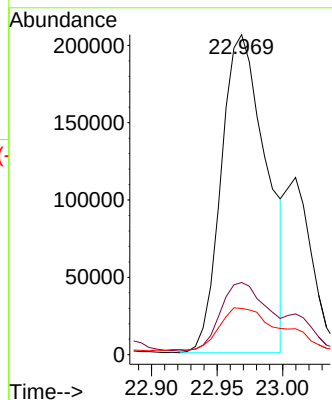
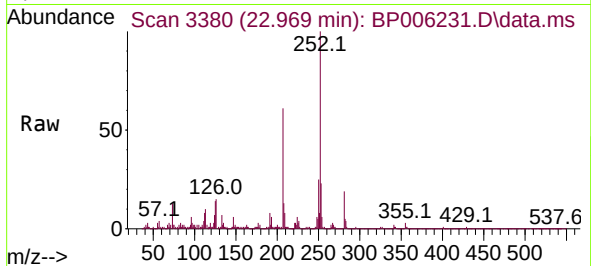




#88
Benzo(b)fluoranthene
Concen: 8.60 ng
RT: 22.969 min Scan# 3380
Delta R.T. -0.017 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

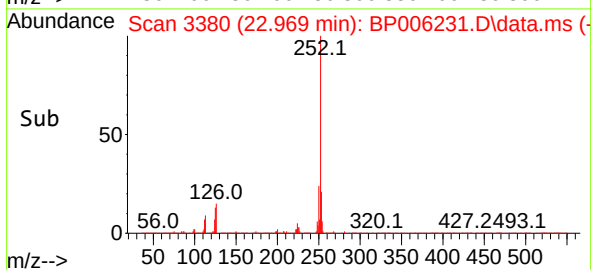
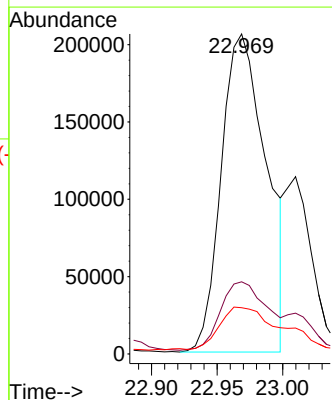
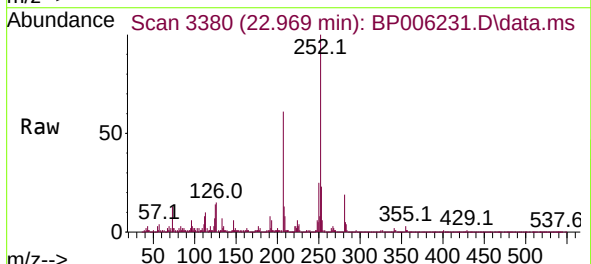
Instrument :
BNA_P
ClientSampleId :
ABN-JG-2

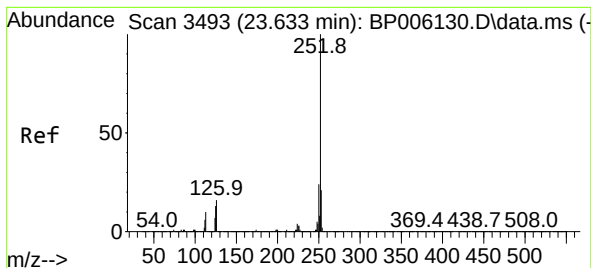
Tgt Ion:252 Resp: 491884
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 14.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 8.79 ng
RT: 22.969 min Scan# 3380
Delta R.T. -0.064 min
Lab File: BP006231.D
Acq: 14 Jul 2021 22:25

Tgt Ion:252 Resp: 491884
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 14.5 6.0 9.0#





#90

Benzo(a)pyrene

Concen: 6.49 ng

RT: 23.586 min Scan# 3485

Delta R.T. -0.023 min

Lab File: BP006231.D

Acq: 14 Jul 2021 22:25

Instrument :

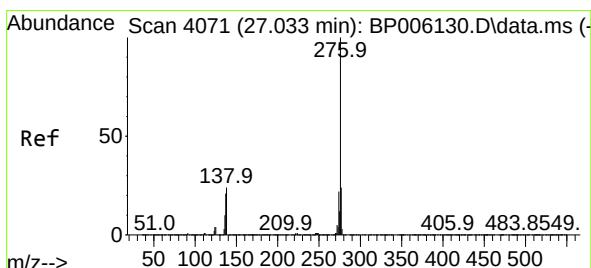
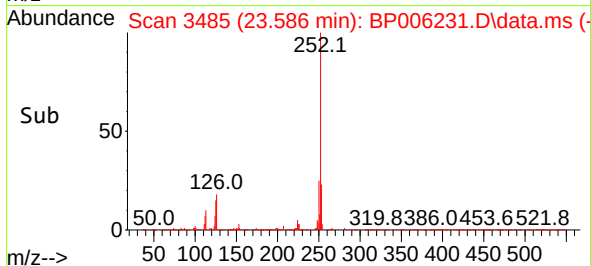
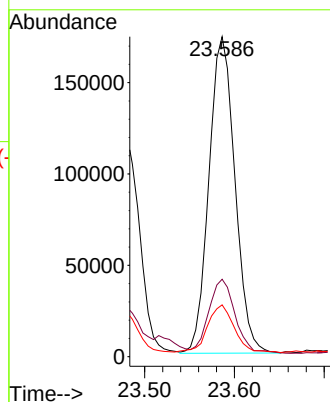
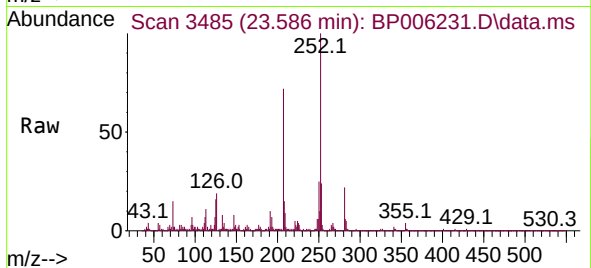
BNA_P

ClientSampleId :

ABN-JG-2

Tgt Ion:252 Resp: 348685

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	16.2	6.5	9.7#



#92

Benzo(g,h,i)perylene

Concen: 4.00 ng

RT: 26.957 min Scan# 4058

Delta R.T. -0.047 min

Lab File: BP006231.D

Acq: 14 Jul 2021 22:25

Tgt Ion:276 Resp: 235856

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	23.9	12.6	18.8#

