

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006204.D
 Acq On : 13 Jul 2021 17:10
 Operator : CG/JU
 Sample : M3012-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PS-TP1

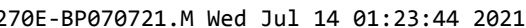
Quant Time: Jul 14 01:23:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

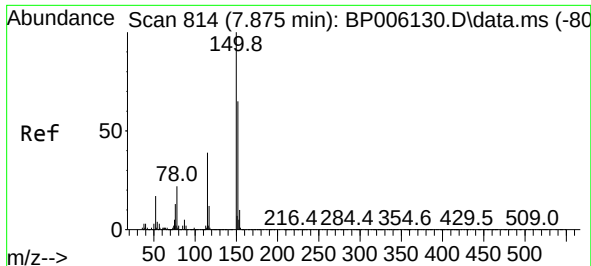
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	188986	20.000	ng	-0.01
21) Naphthalene-d8	10.652	136	764323	20.000	ng	#-0.01
39) Acenaphthene-d10	14.493	164	446776	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	850174	20.000	ng	#-0.01
76) Chrysene-d12	21.316	240	794763	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	887877	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1203262	109.552	ng	0.00
7) Phenol-d6	7.046	99	1461857	100.622	ng	0.00
23) Nitrobenzene-d5	9.022	82	828498	68.469	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	540146	101.547	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1869533	61.861	ng	0.00
79) Terphenyl-d14	19.792	244	2454527	60.891	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	10.040	122	1592	7.081	ng	# 82
41) Hexachlorocyclopentadiene	12.451	237	19	8.709	ng	93
54) 2,4-Dinitrophenol	14.645	184	64	8.895	ng	# 1
56) 4-Nitrophenol	14.792	139	144	7.148	ng	88
60) Diethylphthalate	15.310	149	265168	8.048	ng	99
62) 4-Nitroaniline	15.398	138	417	3.011	ng	89
65) 4,6-Dinitro-2-methylph...	15.657	198	139	4.442	ng	# 1
75) Fluoranthene	19.251	202	141832	2.695	ng	95
78) Pyrene	19.598	202	204522	3.807	ng	99
81) Benzo(a)anthracene	21.304	228	104129	2.072	ng	93
87) Indeno(1,2,3-cd)pyrene	26.198	276	206151	3.149	ng	# 92
88) Benzo(b)fluoranthene	22.974	252	285471	5.300	ng	# 89
89) Benzo(k)fluoranthene	22.974	252	285471	5.423	ng	# 89
90) Benzo(a)pyrene	23.592	252	201200	3.981	ng	# 90
92) Benzo(g,h,i)perylene	26.974	276	304582	5.491	ng	# 88

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

Quant Time: Jul 14 01:23:32 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

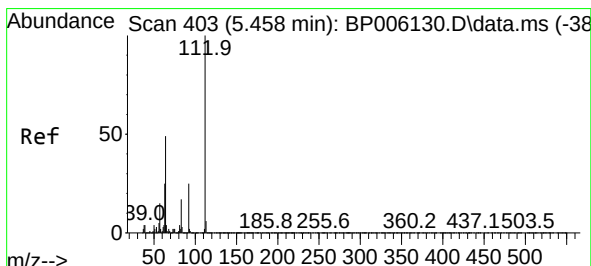
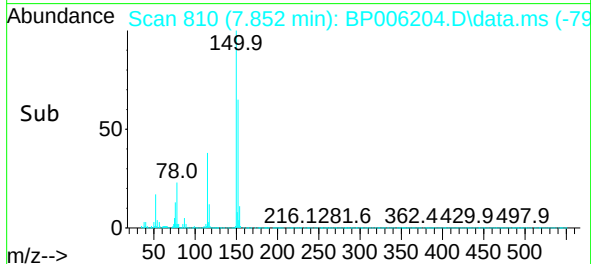
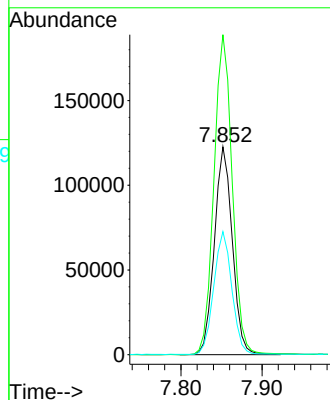
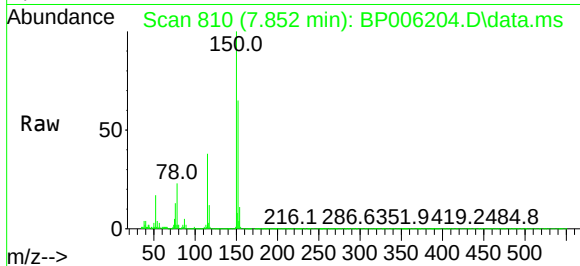




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006204.D
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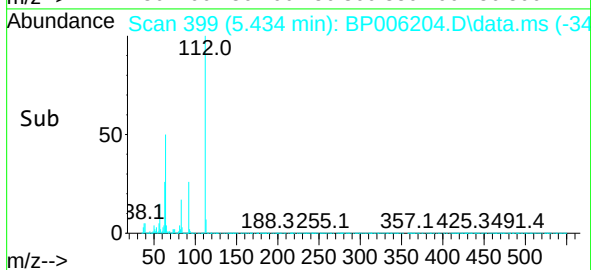
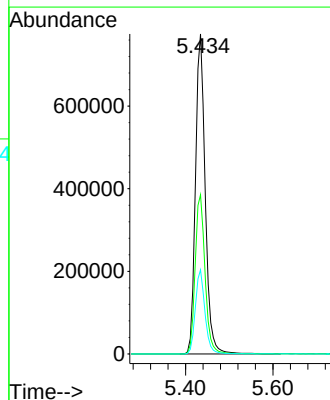
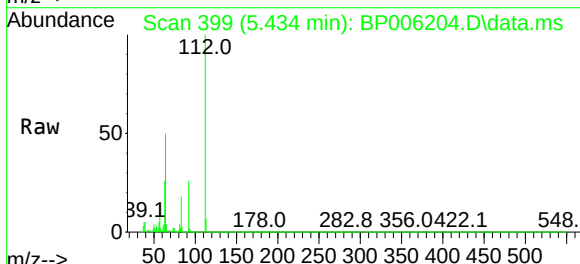
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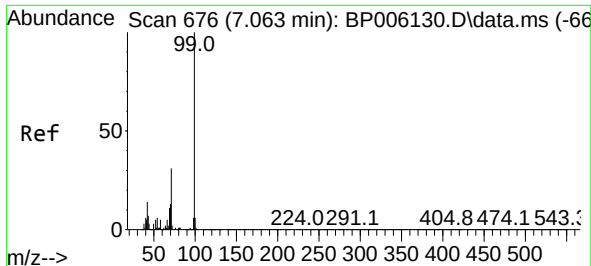
Tgt Ion:152 Resp: 188986
Ion Ratio Lower Upper
152 100
150 154.0 125.6 188.4
115 59.2 48.5 72.7



#5
2-Fluorophenol
Concen: 109.552 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.005 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:112 Resp: 1203262
Ion Ratio Lower Upper
112 100
64 49.8 41.4 62.2
63 26.3 23.8 35.8

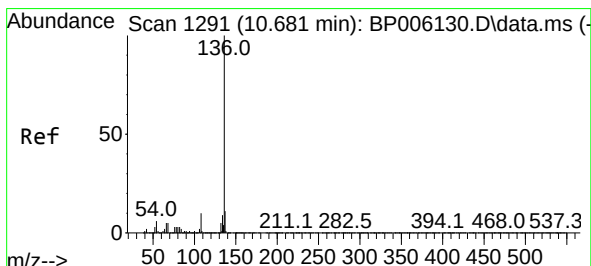
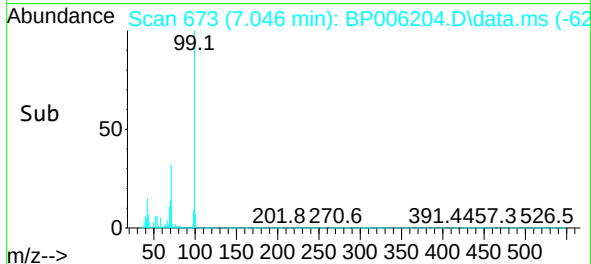
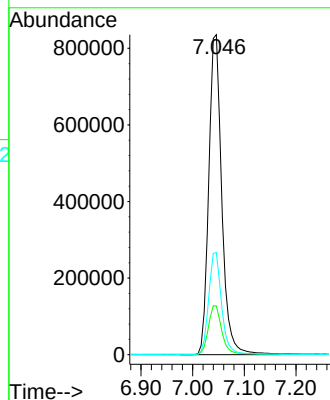
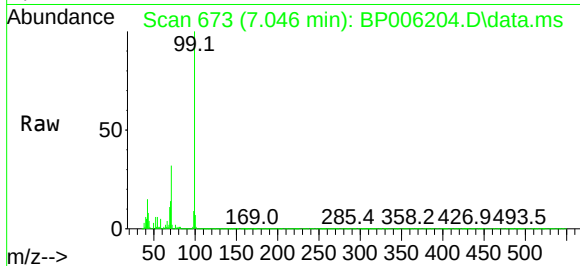




#7
Phenol-d6
Concen: 100.622 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

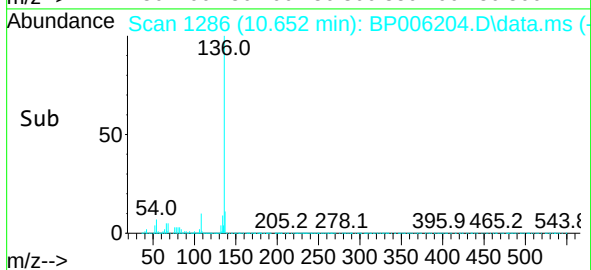
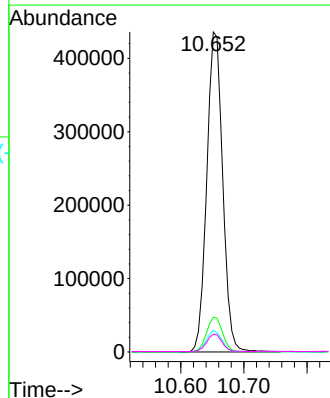
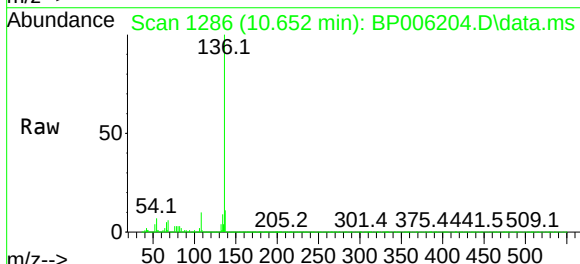
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ClientSampleId :
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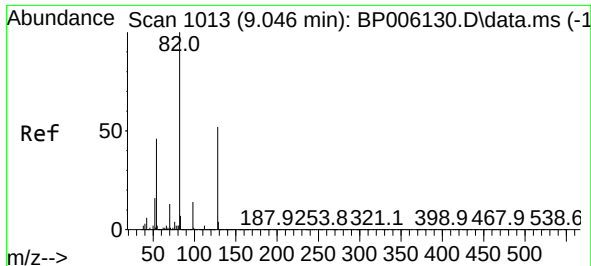
Tgt Ion: 99 Resp: 1461857
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 31.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion: 136 Resp: 764323
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 4.6 6.8
68 5.5 3.6 5.4#

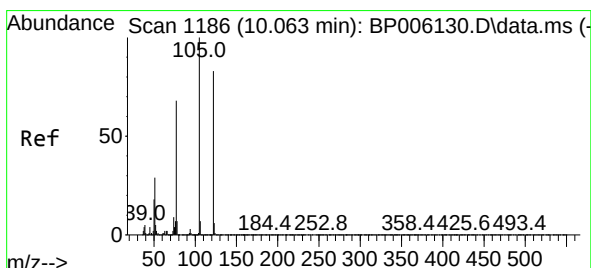
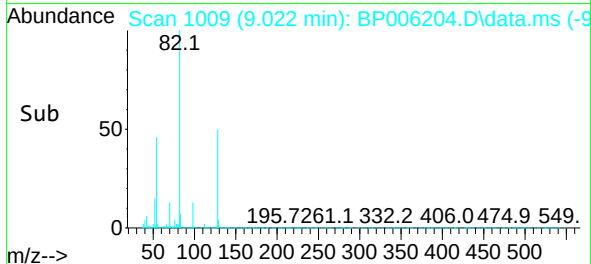
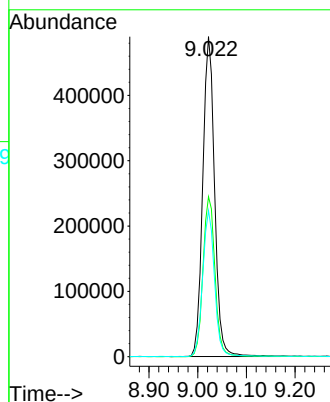
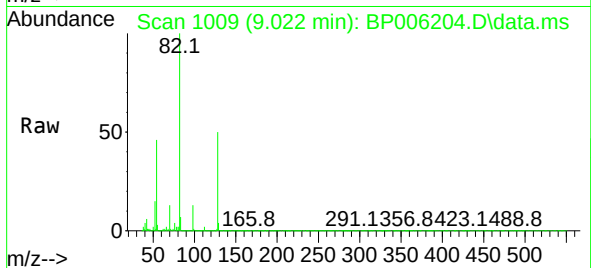




#23
Nitrobenzene-d5
Concen: 68.469 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

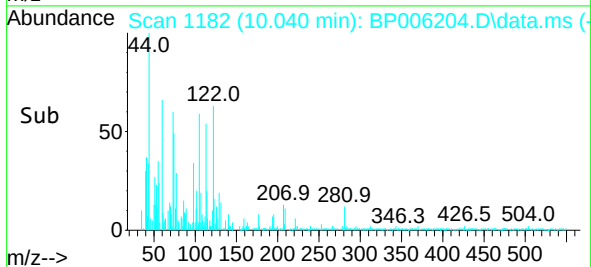
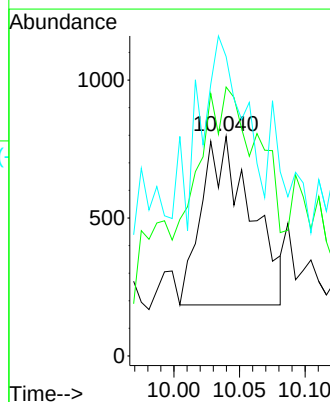
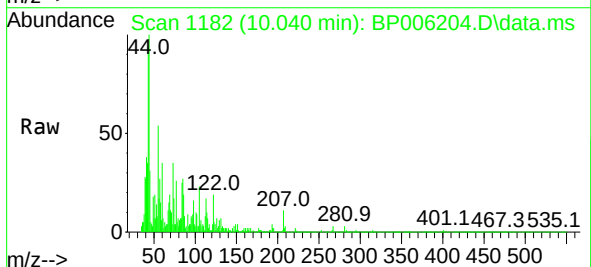
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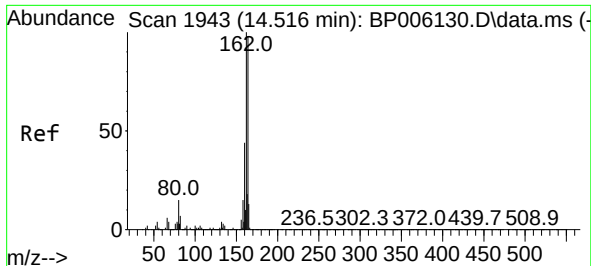
Tgt Ion: 82 Resp: 828498
Ion Ratio Lower Upper
82 100
128 50.0 35.7 53.5
54 45.7 35.0 52.4



#32
Benzoic acid
Concen: 7.081 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.023 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion: 122 Resp: 1592
Ion Ratio Lower Upper
122 100
105 122.5 103.2 143.2
77 136.3 76.2 116.2#

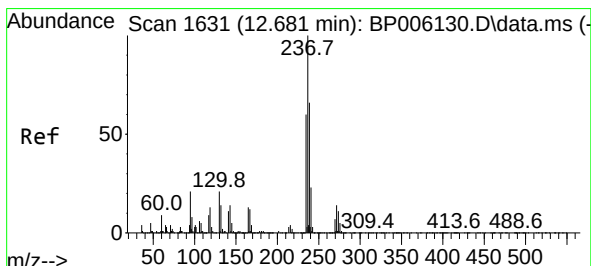
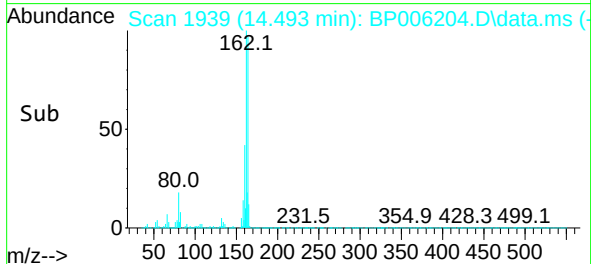
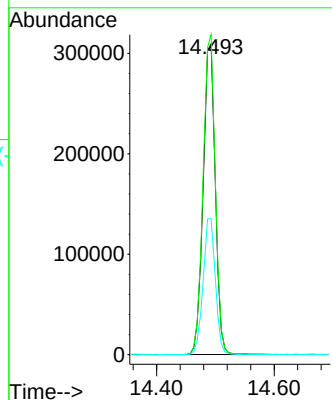
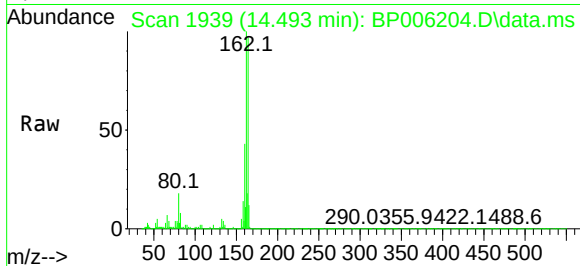




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

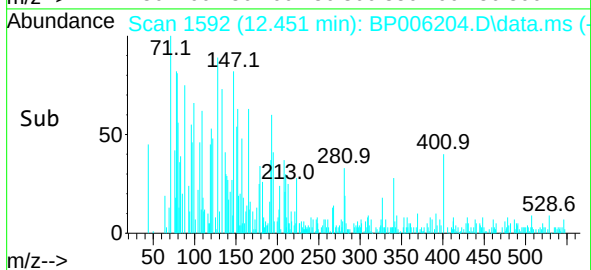
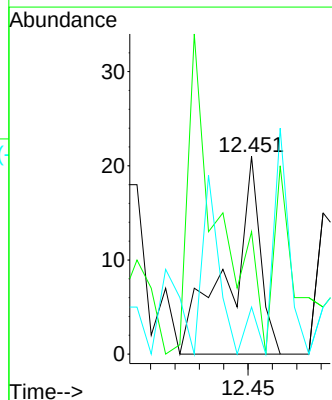
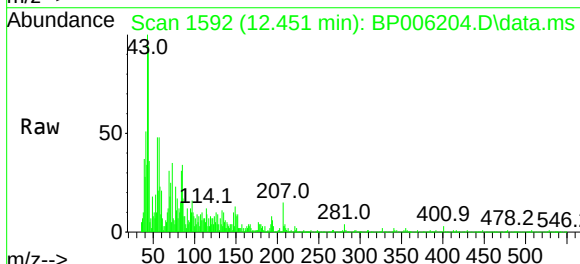
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PS-TP1

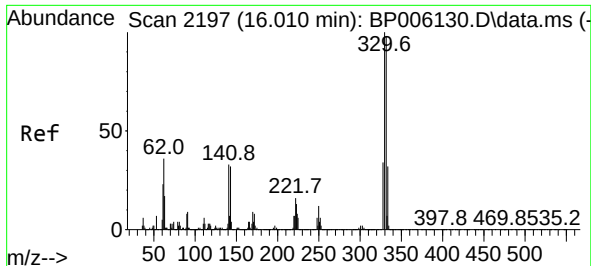
Tgt Ion:164 Resp: 446776
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 43.8 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.709 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.217 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 61.9 44.5 84.5
272 23.8 0.0 32.5

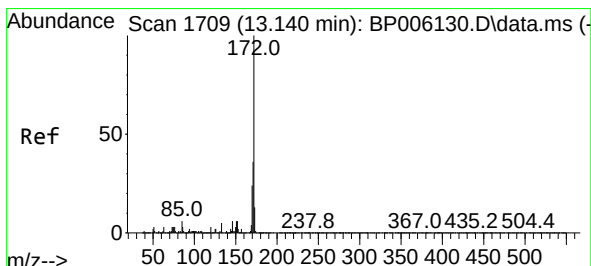
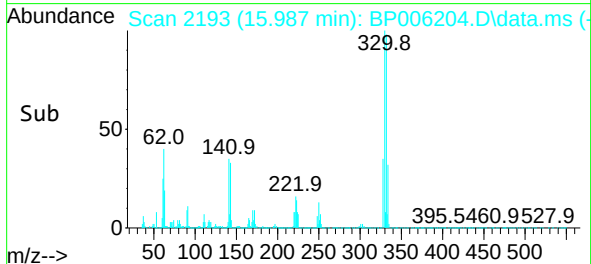
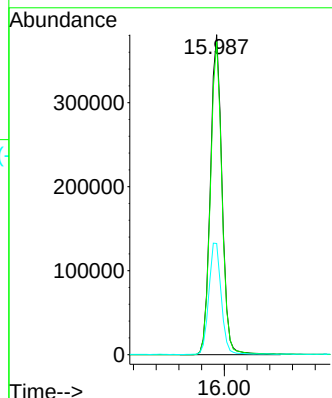
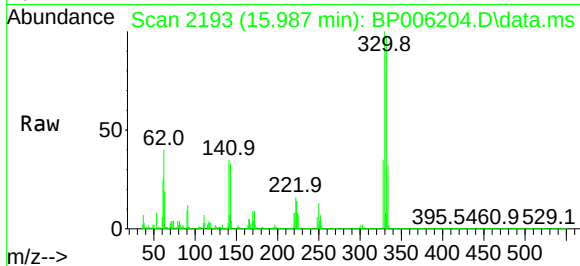




#42
2,4,6-Tribromophenol
Concen: 101.547 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

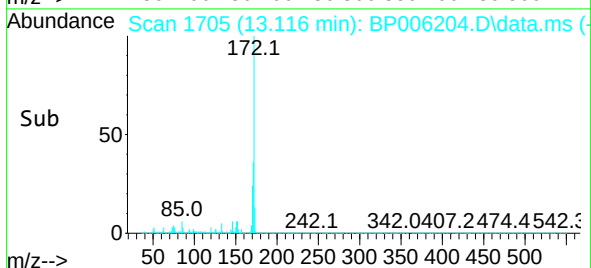
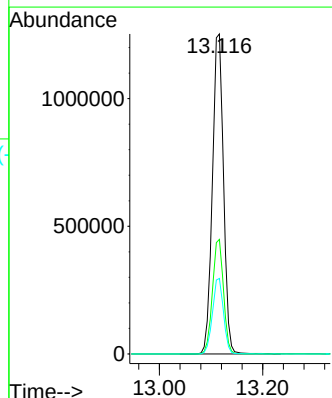
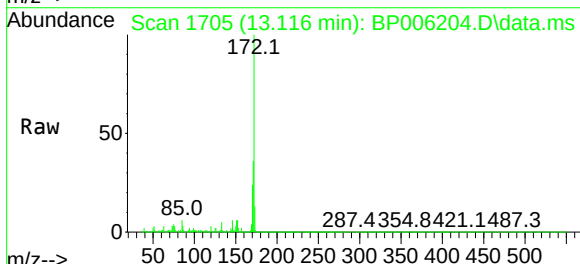
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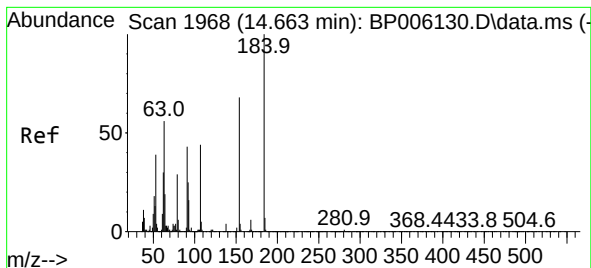
Tgt Ion:330 Resp: 540146
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 36.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 61.861 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:172 Resp: 1869533
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.6 18.6 27.8

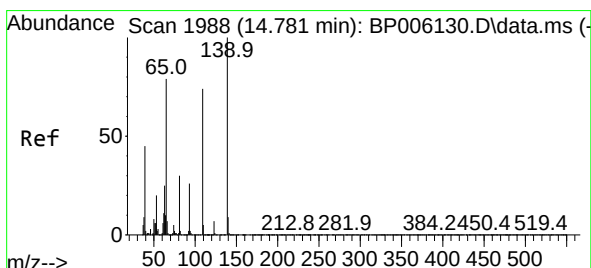
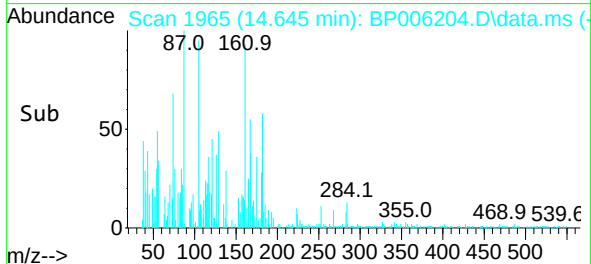
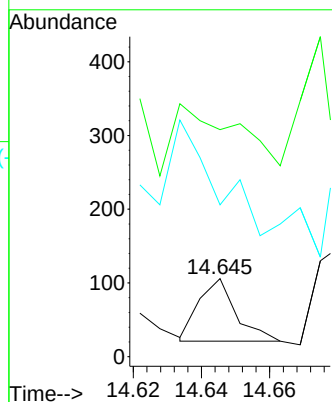
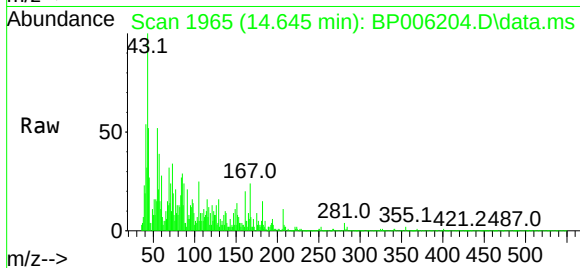




#54
2,4-Dinitrophenol
Concen: 8.895 ng
RT: 14.645 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

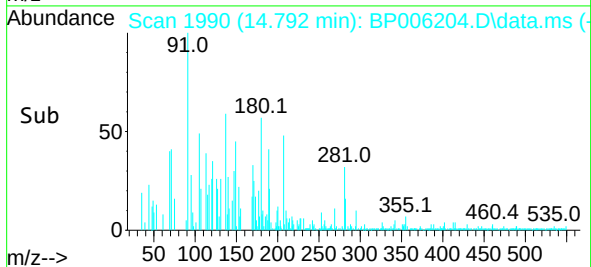
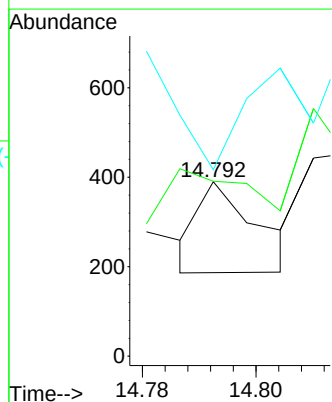
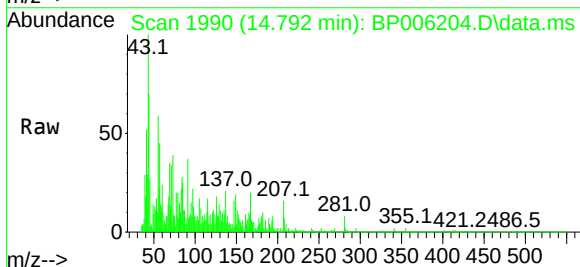
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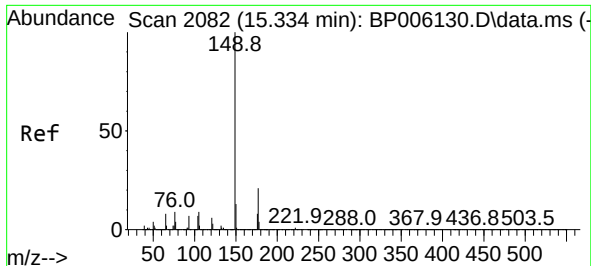
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 290.6 47.0 70.6#
154 194.3 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.148 ng
RT: 14.792 min Scan# 1990
Delta R.T. 0.024 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:139 Resp: 144
Ion Ratio Lower Upper
139 100
109 100.3 72.3 112.3
65 106.9 72.5 112.5

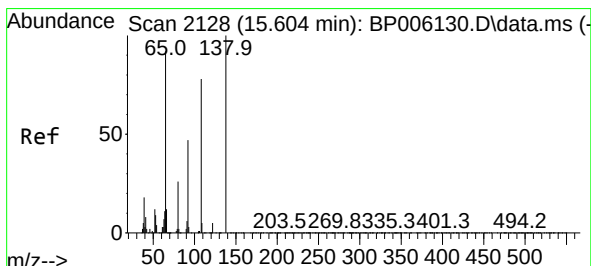
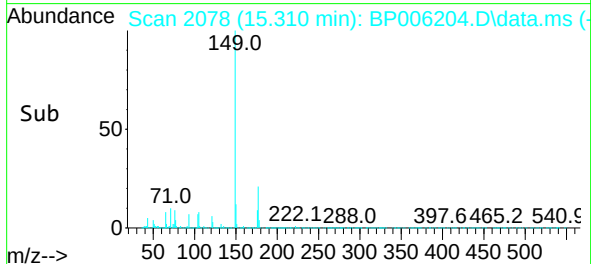
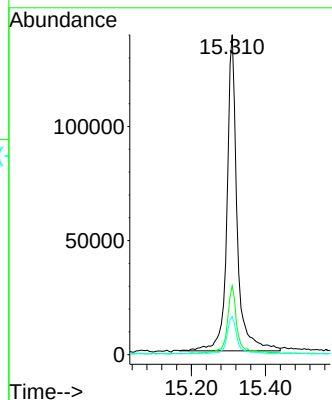
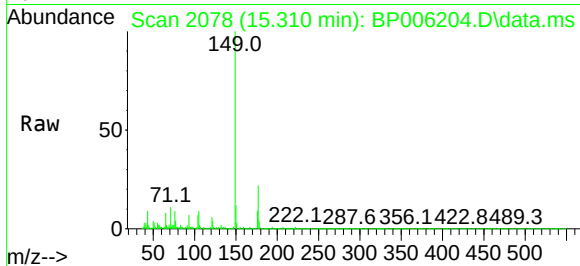




#60
Diethylphthalate
Concen: 8.048 ng
RT: 15.310 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

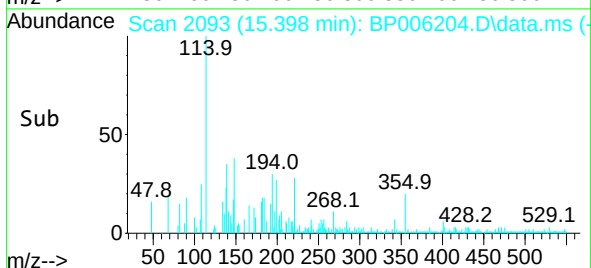
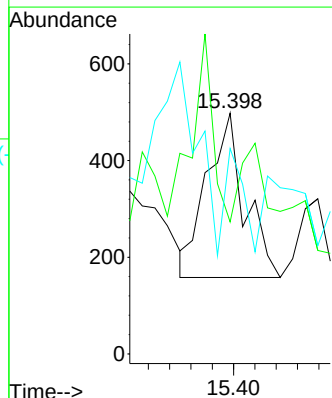
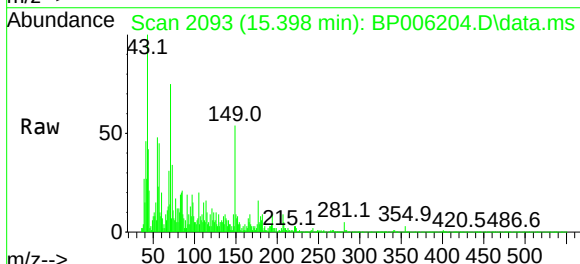
Instrument :
BNA_P
ClientSampled :
PS-TP1

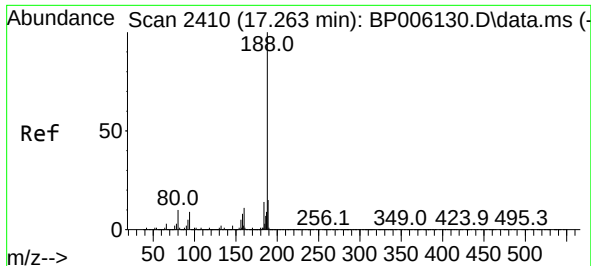
Tgt Ion:149 Resp: 265168
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 11.9 9.9 14.9



#62
4-Nitroaniline
Concen: 3.011 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.194 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:138 Resp: 417
Ion Ratio Lower Upper
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92 54.8 31.2 71.2
108 85.3 78.6 118.6

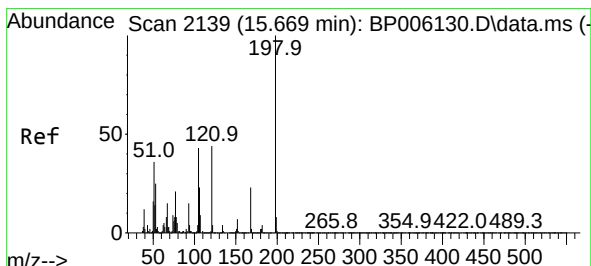
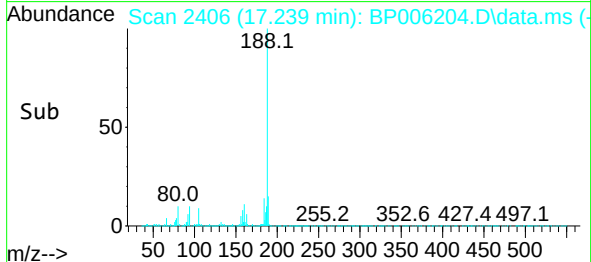
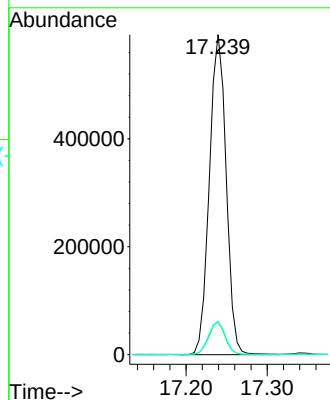
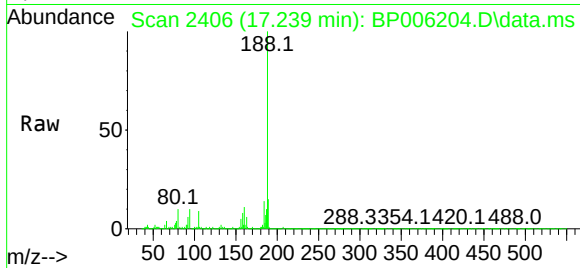




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

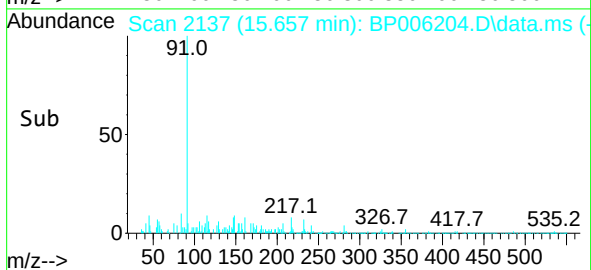
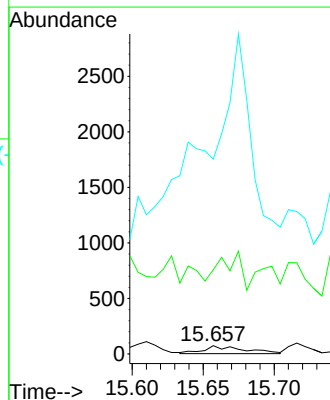
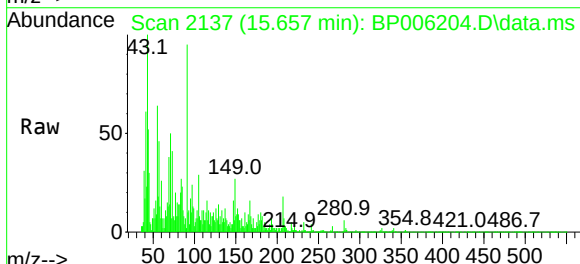
Instrument :
BNA_P
ClientSampleId :
PS-TP1

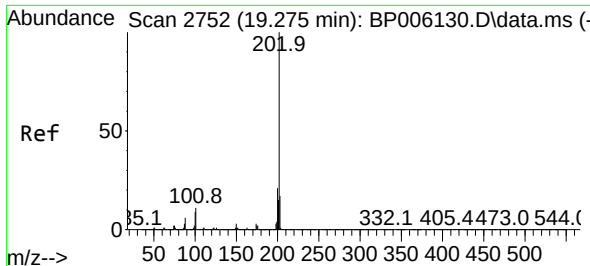
Tgt Ion:188 Resp: 850174
Ion Ratio Lower Upper
188 100
94 10.3 5.6 8.4#
80 10.4 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.442 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:198 Resp: 139
Ion Ratio Lower Upper
198 100
51 997.4 14.0 54.0#
105 2309.2 19.5 59.5#

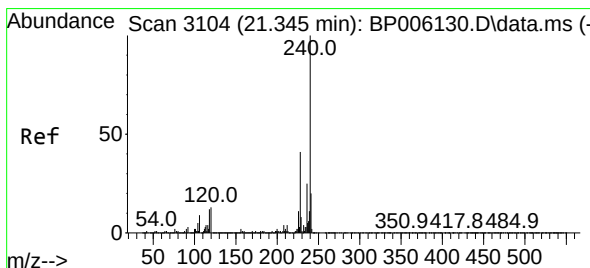
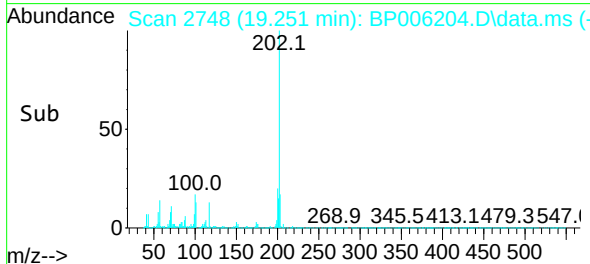
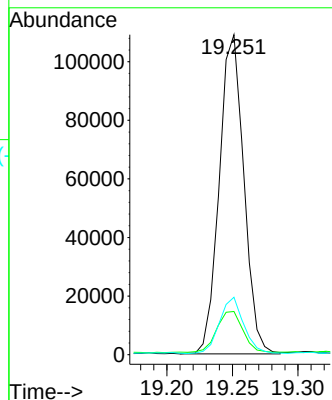
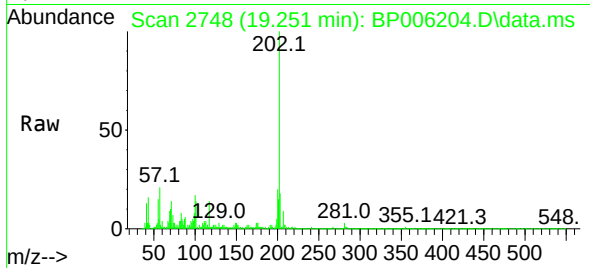




#75
Fluoranthene
Concen: 2.695 ng
RT: 19.251 min Scan# 2748
Delta R.T. -0.005 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

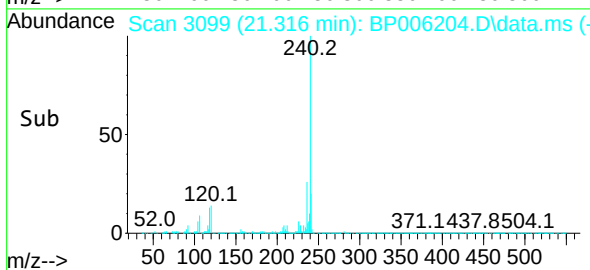
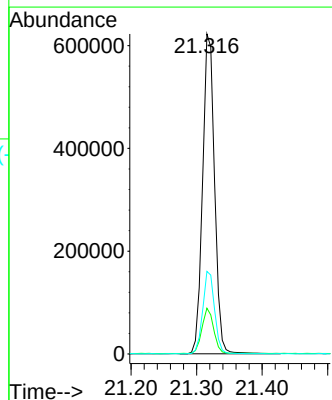
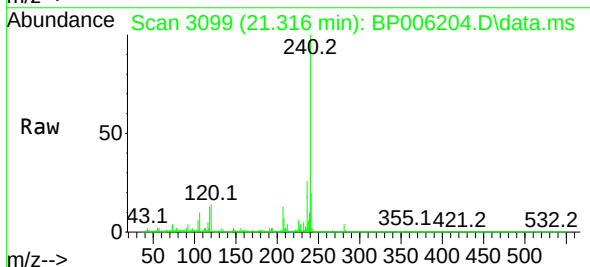
Instrument :
BNA_P
ClientSampled :
PS-TP1

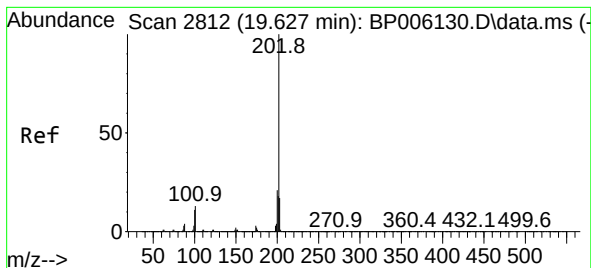
Tgt Ion:202 Resp: 141832
Ion Ratio Lower Upper
202 100
101 13.5 0.0 27.6
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:240 Resp: 794763
Ion Ratio Lower Upper
240 100
120 14.3 6.5 9.7#
236 25.8 20.6 31.0





#78

Pyrene

Concen: 3.807 ng

RT: 19.598 min Scan# 2807

Delta R.T. -0.011 min

Lab File: BP006204.D

Acq: 13 Jul 2021 17:10

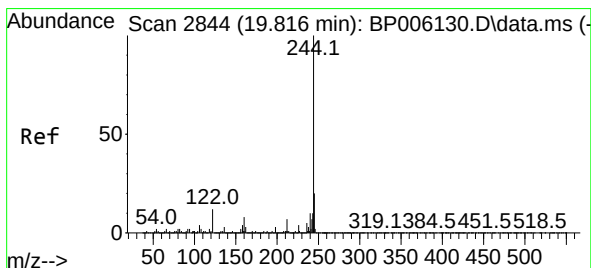
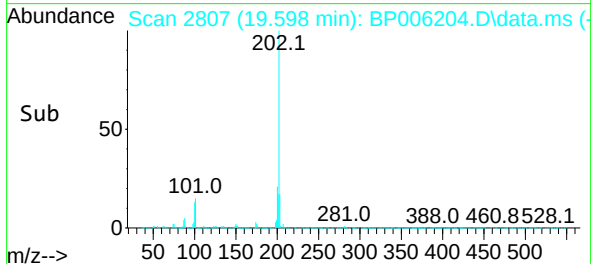
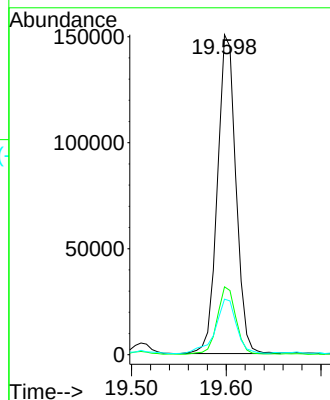
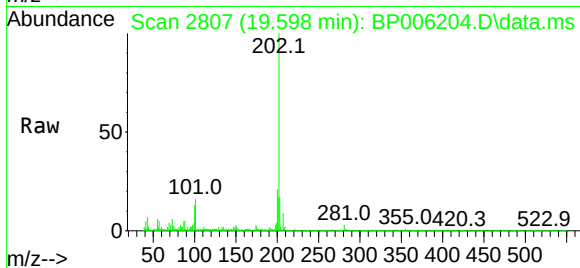
Instrument :

BNA_P

ClientSampleId :

PS-TP1

Tgt Ion:202	Resp:	204522
Ion Ratio	Lower	Upper
202	100	
200	21.2	16.3 24.5
203	17.4	14.2 21.2



#79

Terphenyl-d14

Concen: 60.891 ng

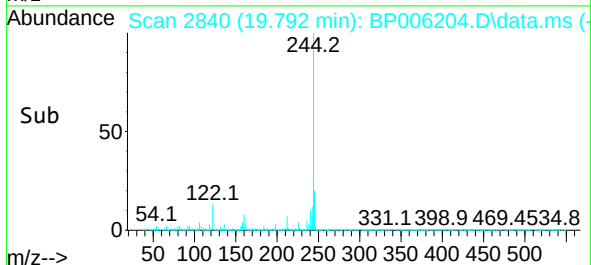
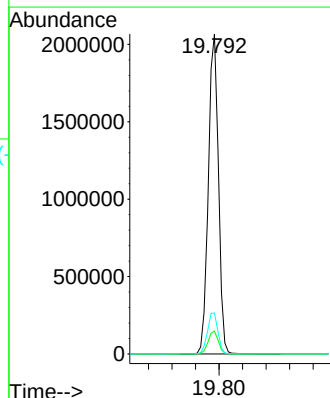
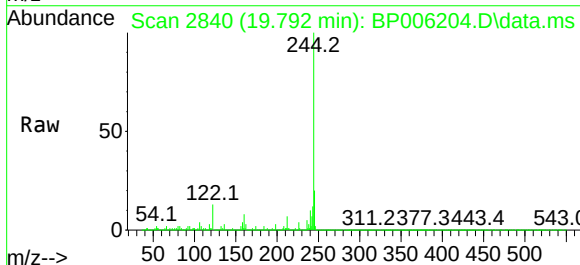
RT: 19.792 min Scan# 2840

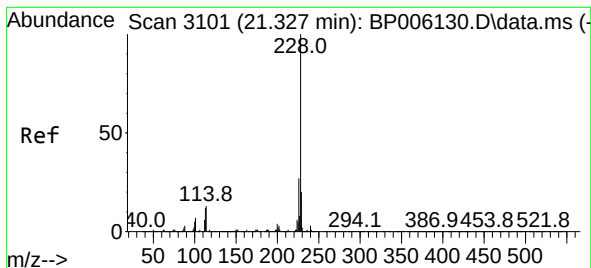
Delta R.T. -0.011 min

Lab File: BP006204.D

Acq: 13 Jul 2021 17:10

Tgt Ion:244	Resp:	2454527
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.0 9.0
122	12.8	7.1 10.7





#81

Benzo(a)anthracene

Concen: 2.072 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.011 min

Lab File: BP006204.D

Acq: 13 Jul 2021 17:10

Instrument :

BNA_P

ClientSampleId :

PS-TP1

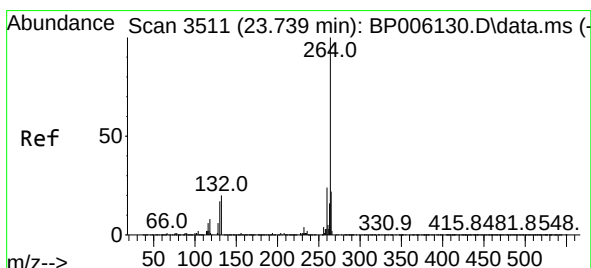
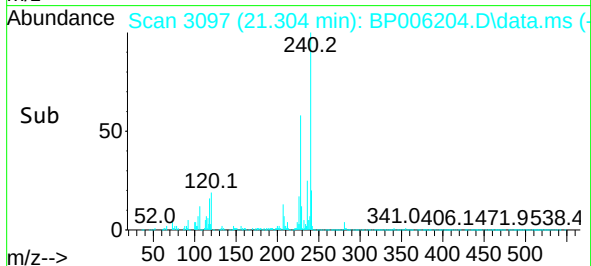
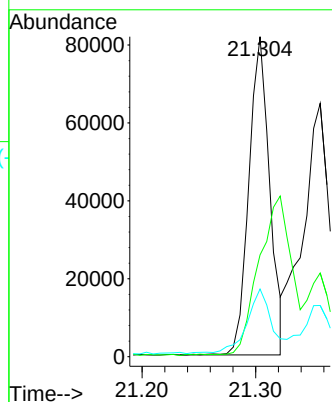
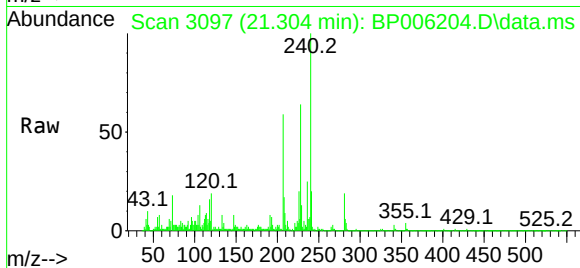
Tgt Ion:228 Resp: 104129

Ion Ratio Lower Upper

228 100

226 31.8 21.6 32.4

229 21.1 15.8 23.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3504

Delta R.T. -0.017 min

Lab File: BP006204.D

Acq: 13 Jul 2021 17:10

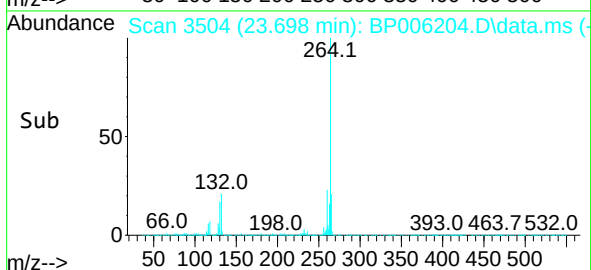
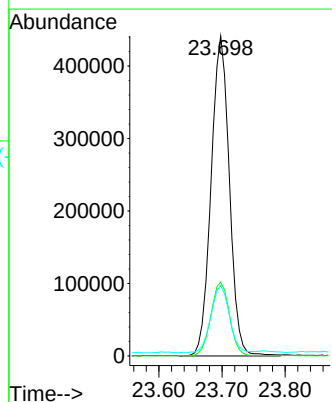
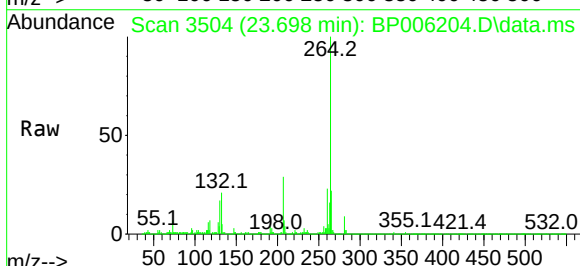
Tgt Ion:264 Resp: 887877

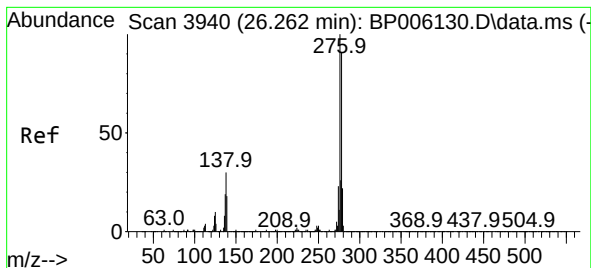
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.9 17.6 26.4

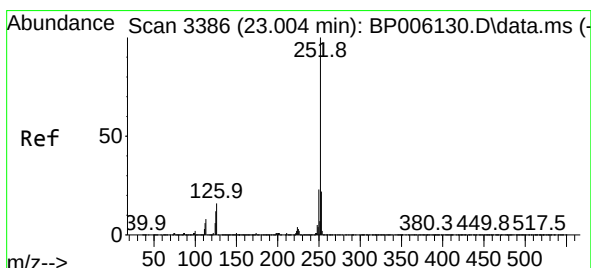
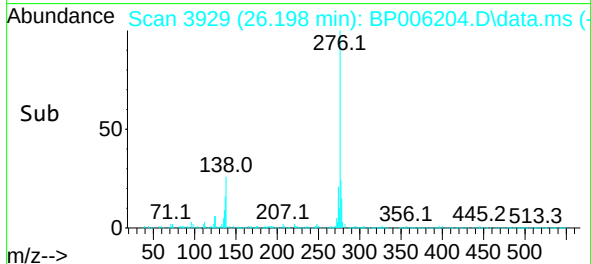
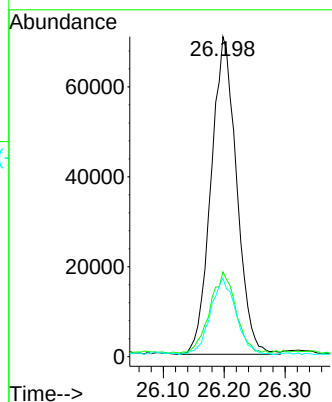
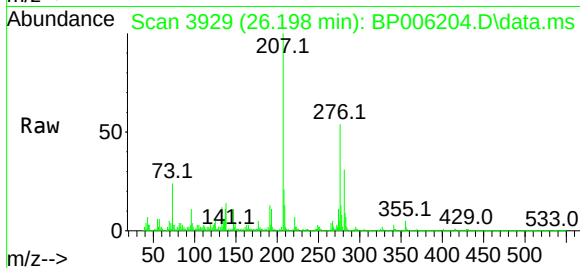




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.149 ng
RT: 26.198 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

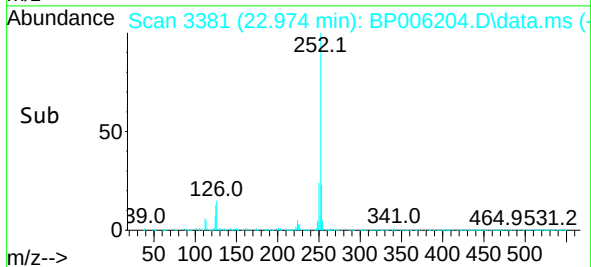
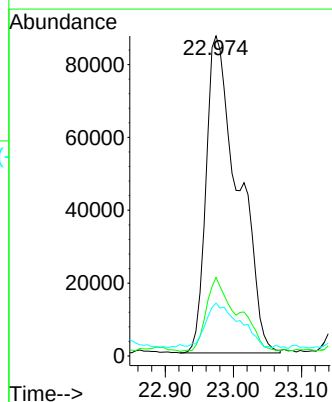
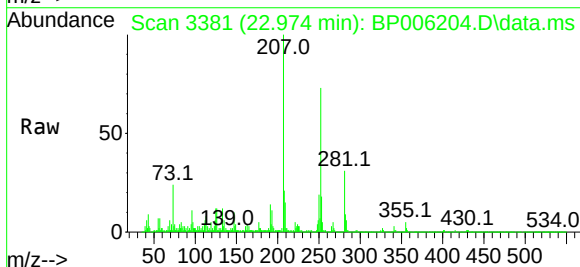
Instrument :
BNA_P
ClientSampleId :
PS-TP1

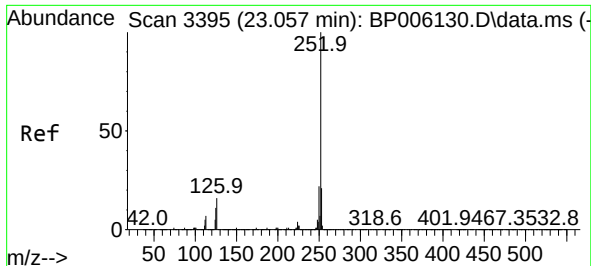
Tgt Ion:276 Resp: 206151
Ion Ratio Lower Upper
276 100
138 25.8 15.3 22.9#
277 24.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 5.300 ng
RT: 22.974 min Scan# 3381
Delta R.T. -0.011 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

Tgt Ion:252 Resp: 285471
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 16.5 6.2 9.4#

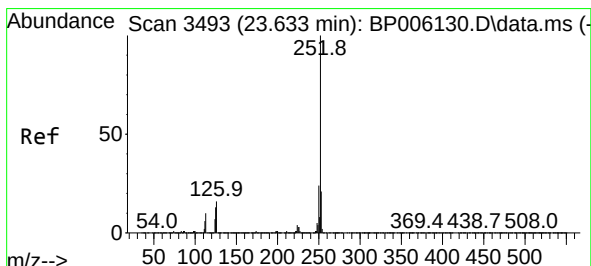
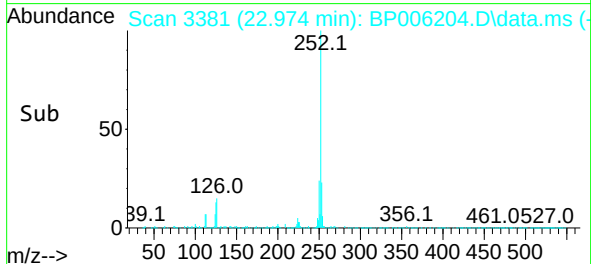
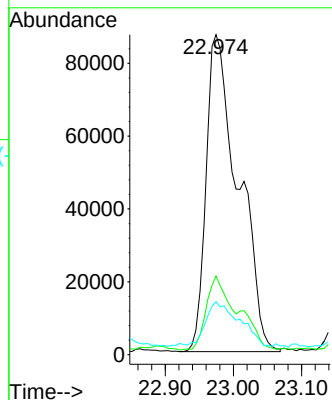
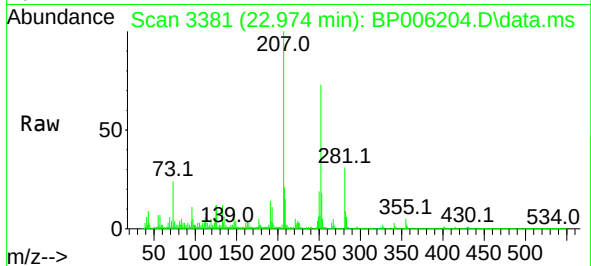




#89
Benzo(k)fluoranthene
Concen: 5.423 ng
RT: 22.974 min Scan# 3381
Delta R.T. -0.058 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

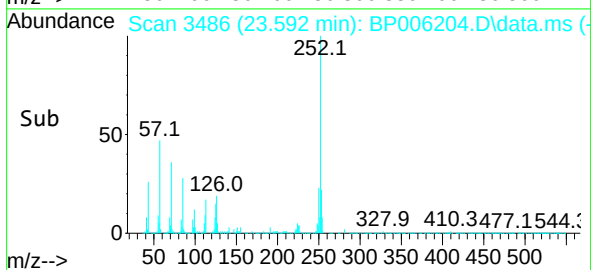
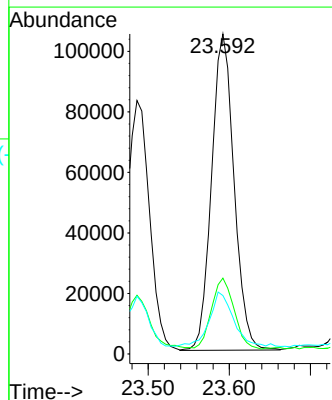
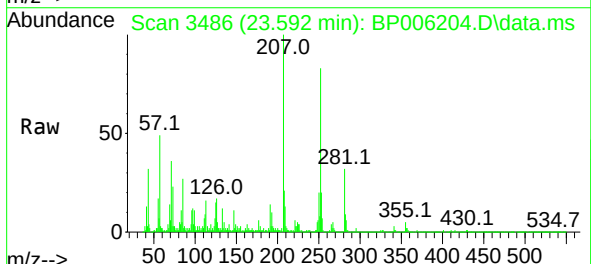
Instrument :
BNA_P
ClientSampleId :
PS-TP1

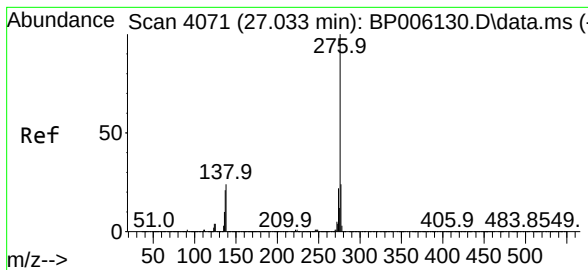
Tgt Ion:252 Resp: 285471
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 16.5 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 3.981 ng
RT: 23.592 min Scan# 3486
Delta R.T. -0.017 min
Lab File: BP006204.D
Acq: 13 Jul 2021 17:10

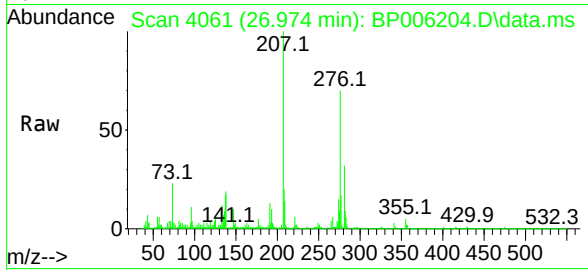
Tgt Ion:252 Resp: 201200
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 18.3 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 5.491 ng
 RT: 26.974 min Scan# 4061
 Delta R.T. -0.029 min
 Lab File: BP006204.D
 Acq: 13 Jul 2021 17:10

Instrument :
 BNA_P
 ClientSampleId :
 PS-TP1



Tgt Ion:	276	Resp:	304582
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.9	28.3
138	27.6	12.6	18.8#

