

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006796.D
 Acq On : 20 Aug 2021 12:42
 Operator : CG/JU
 Sample : M3434-31
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2021-08-12-FD-03

Quant Time: Aug 20 14:28:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 20 11:25:25 2021
 Response via : Initial Calibration

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

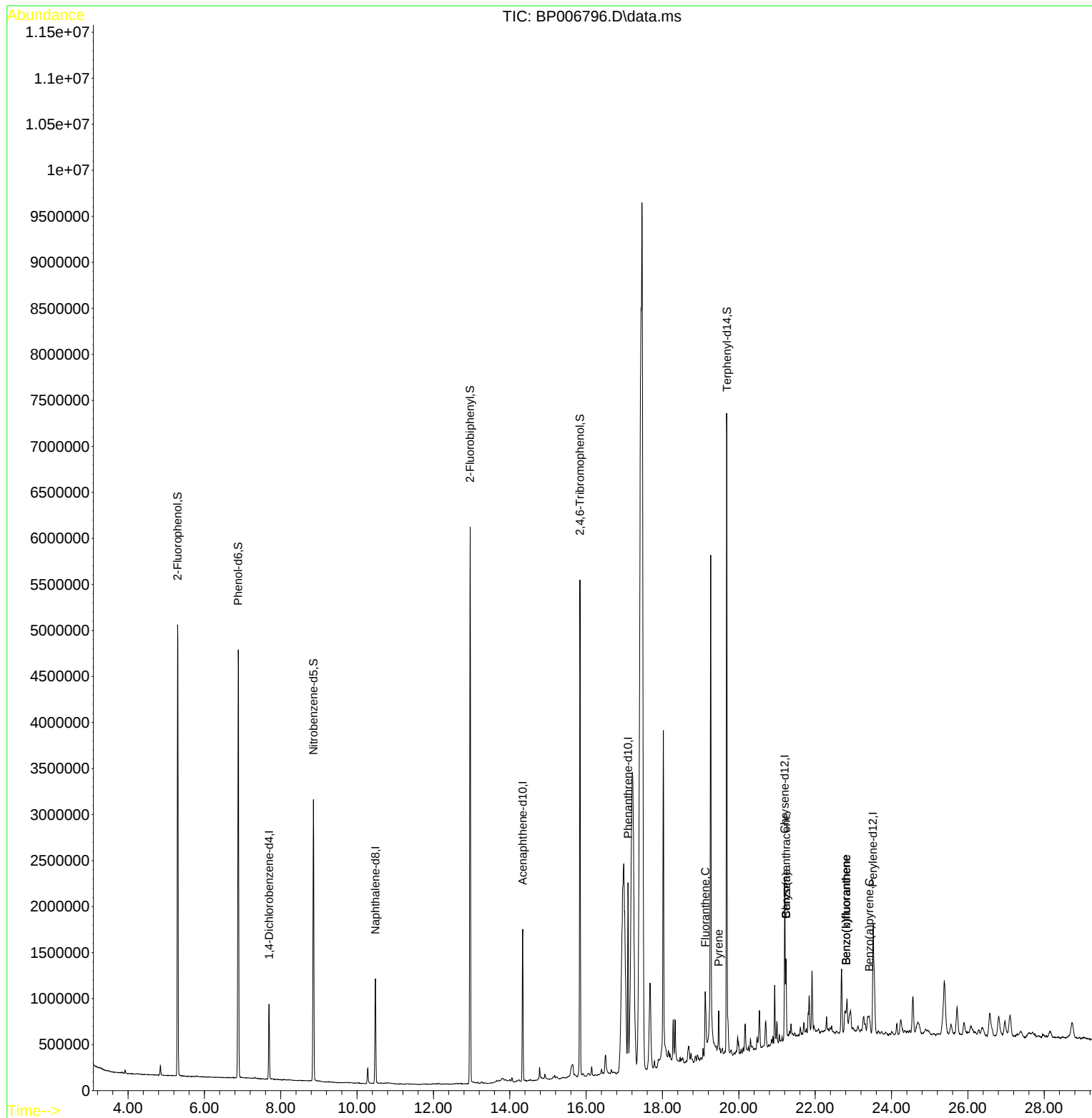
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	203716	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	892059	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	535139	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	1034876	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	692607	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	676462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2050250	154.581	ng	0.00
7) Phenol-d6	6.887	99	2614875	138.789	ng	0.00
23) Nitrobenzene-d5	8.858	82	1794119	92.832	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	806746	144.247	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2732194	76.386	ng	0.00
79) Terphenyl-d14	19.686	244	2867002	82.945	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.122	202	244108	3.726	ng	94
78) Pyrene	19.475	202	240126	5.191	ng	99
81) Benzo(a)anthracene	21.239	228	107662	2.379	ng	95
83) Chrysene	21.239	228	107662	2.453	ng	97
88) Benzo(b)fluoranthene	22.816	252	121774	2.770	ng	# 85
89) Benzo(k)fluoranthene	22.816	252	121774	2.885	ng	# 85
90) Benzo(a)pyrene	23.416	252	87080	2.208	ng	# 92

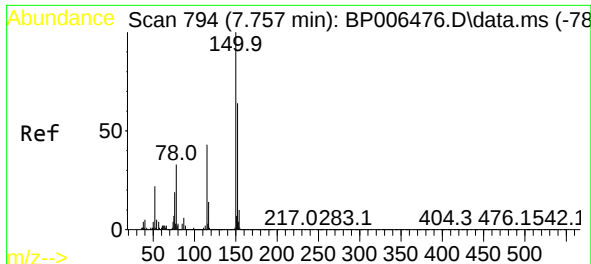
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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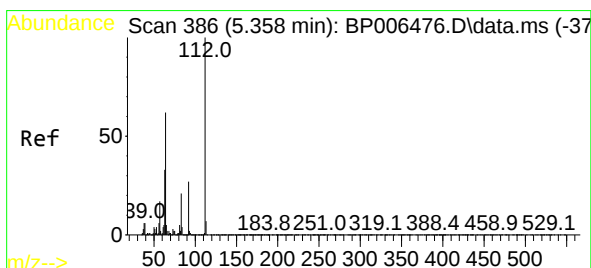
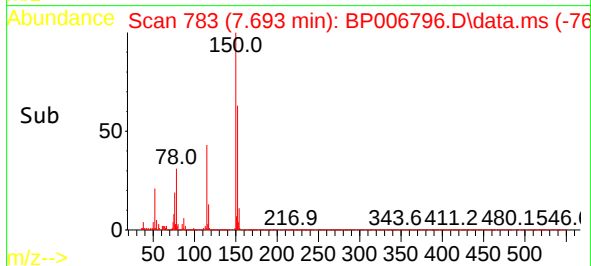
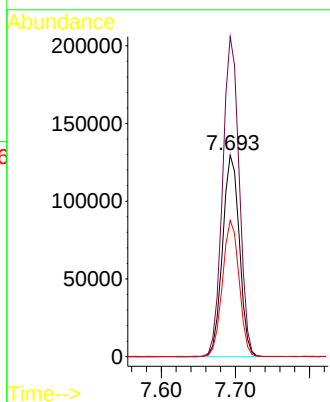
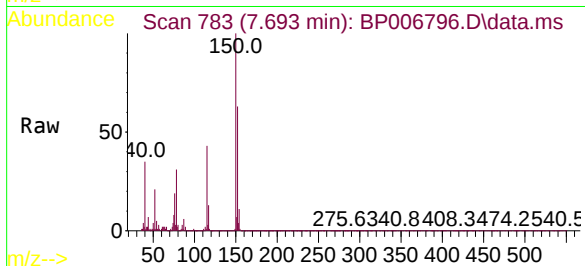




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

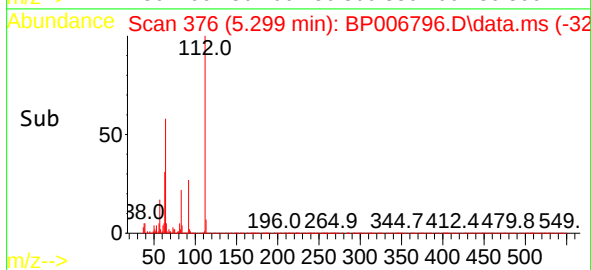
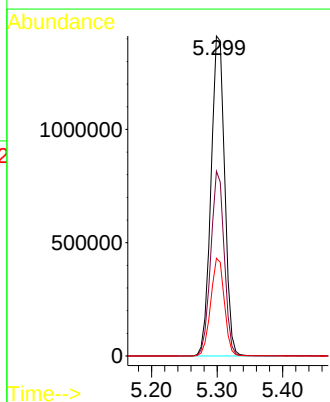
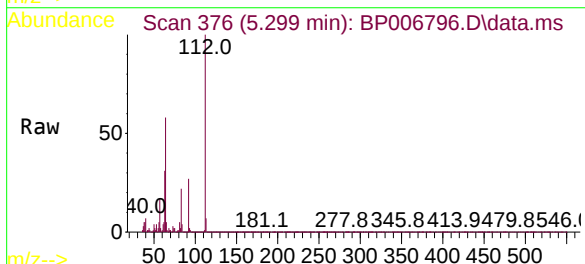
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BNA_P
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2021-08-12-FD-03

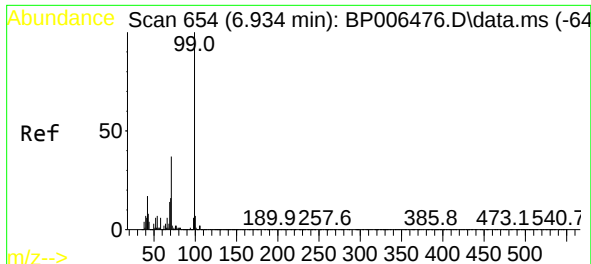
Tgt Ion:152 Resp: 203716
Ion Ratio Lower Upper
152 100
150 158.8 125.6 188.4
115 67.7 48.5 72.7



#5
2-Fluorophenol
Concen: 154.581 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Tgt Ion:112 Resp: 2050250
Ion Ratio Lower Upper
112 100
64 57.7 41.4 62.2
63 30.6 23.8 35.8

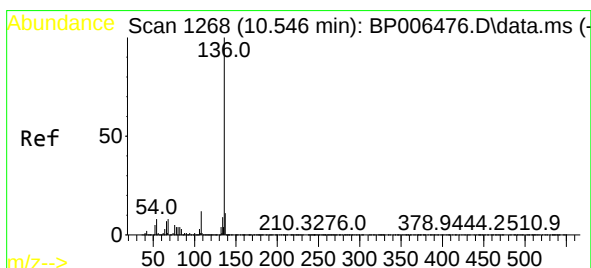
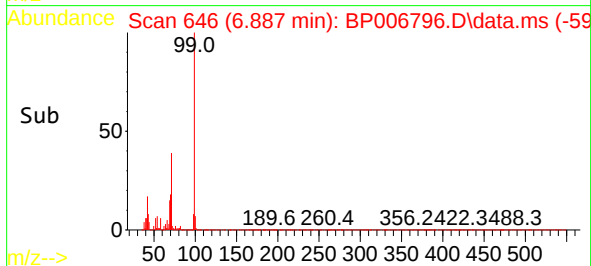
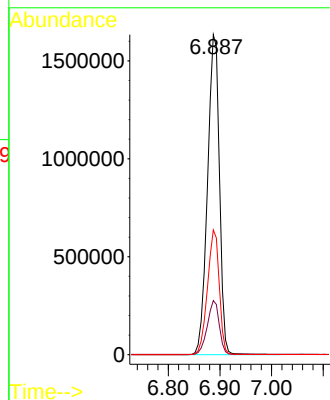
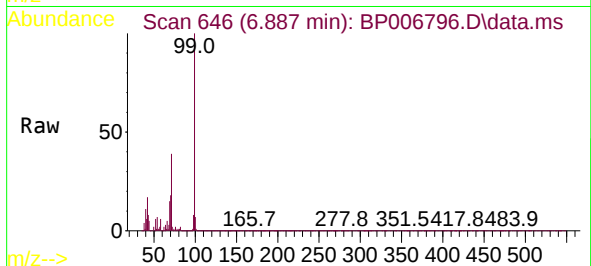




#7
Phenol-d6
Concen: 138.789 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

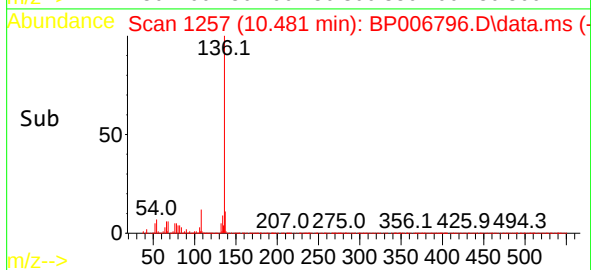
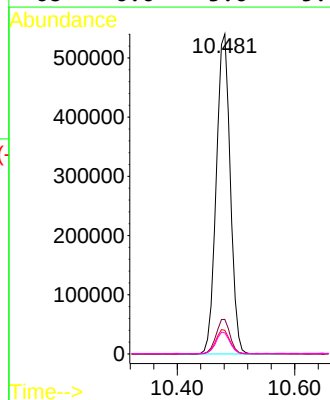
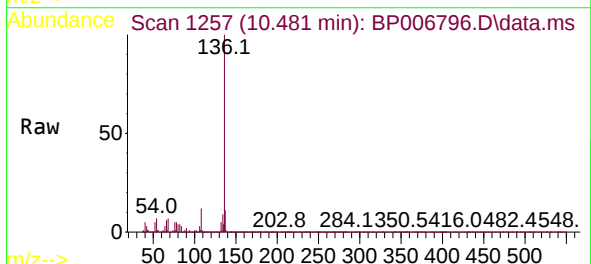
Instrument :
BNA_P
ClientSampleId :
2021-08-12-FD-03

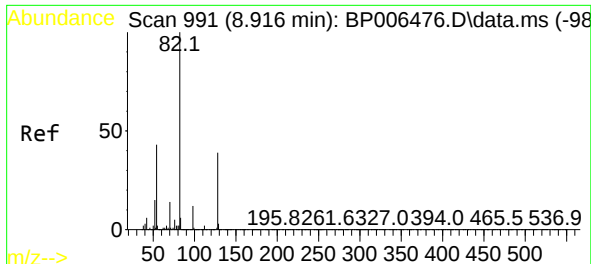
Tgt Ion: 99 Resp: 2614875
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.0
71 39.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Tgt Ion:136 Resp: 892059
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.4 4.6 6.8#
68 6.6 3.6 5.4#

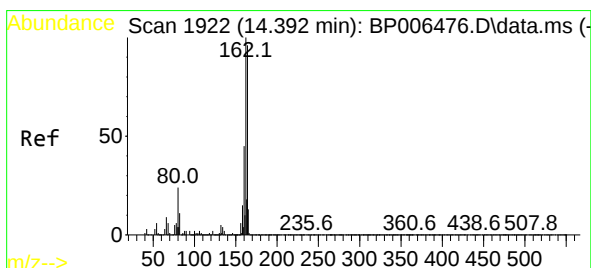
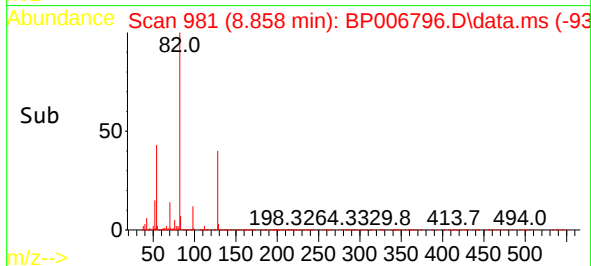
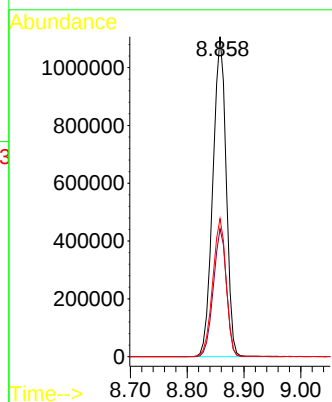
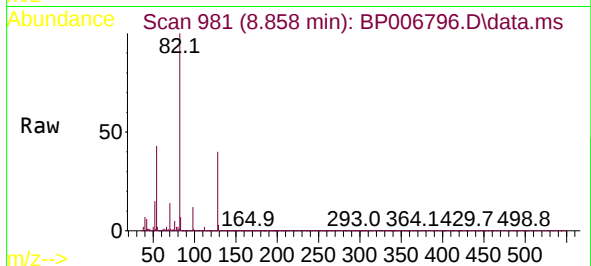




#23
Nitrobenzene-d5
Concen: 92.832 ng
RT: 8.858 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

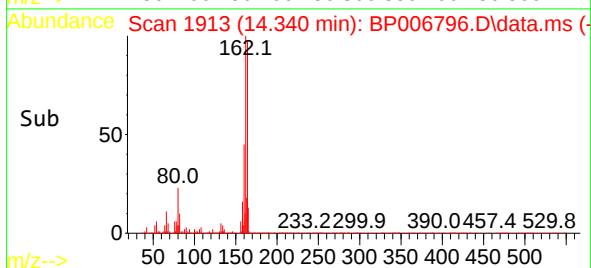
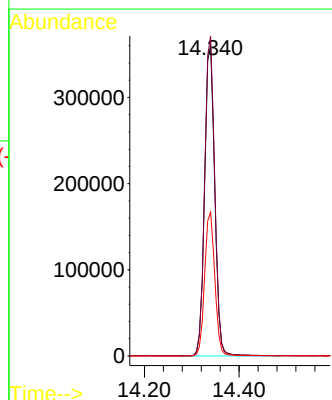
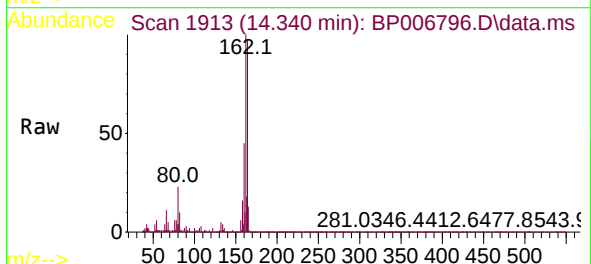
Instrument :
BNA_P
ClientSampleId :
2021-08-12-FD-03

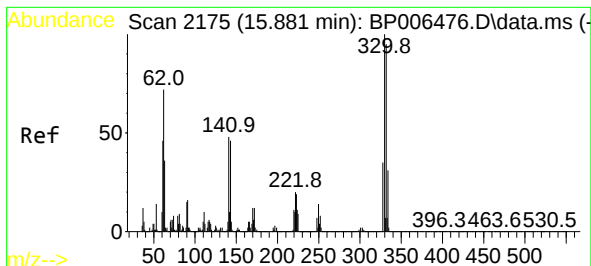
Tgt Ion: 82 Resp: 1794119
Ion Ratio Lower Upper
82 100
128 40.0 35.7 53.5
54 43.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Tgt Ion: 164 Resp: 535139
Ion Ratio Lower Upper
164 100
162 103.1 80.2 120.2
160 46.3 34.5 51.7

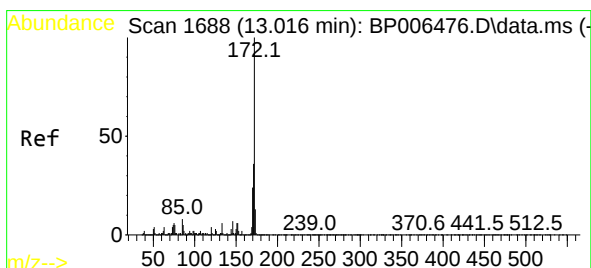
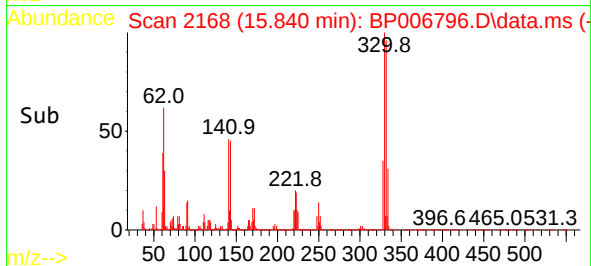
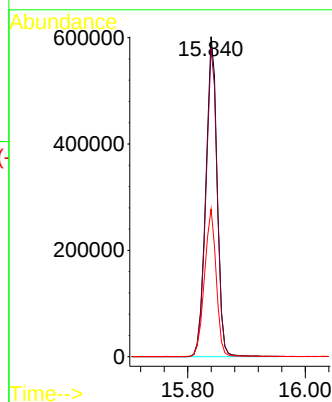
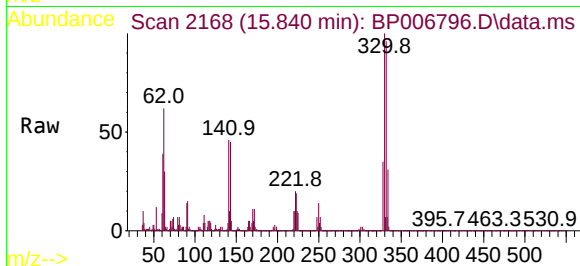




#42
2,4,6-Tribromophenol
Concen: 144.247 ng
RT: 15.840 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

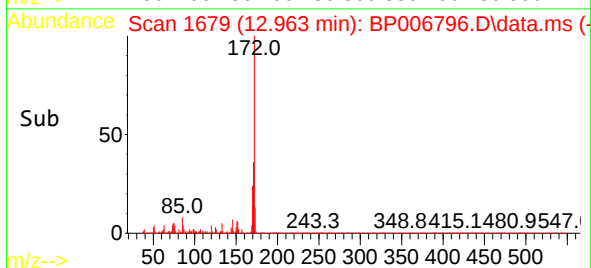
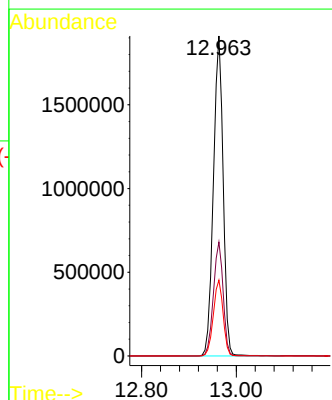
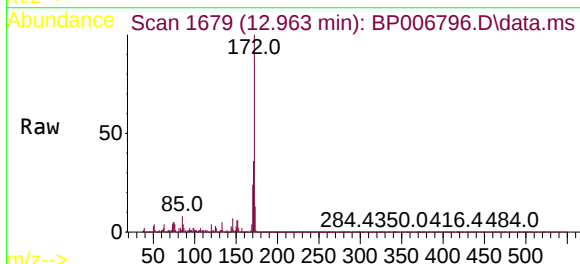
Instrument :
BNA_P
ClientSampleId :
2021-08-12-FD-03

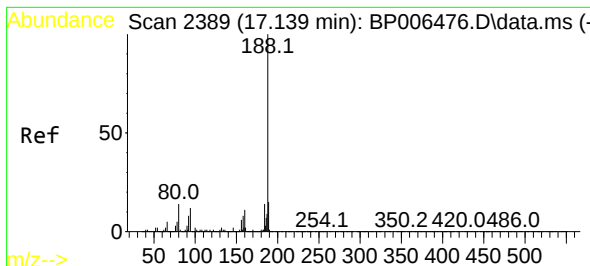
Tgt Ion:330 Resp: 806746
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 47.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 76.386 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Tgt Ion:172 Resp: 2732194
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 18.6 27.8

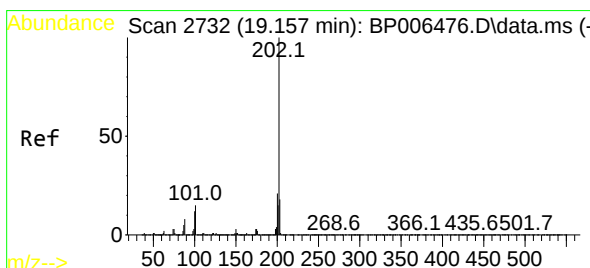
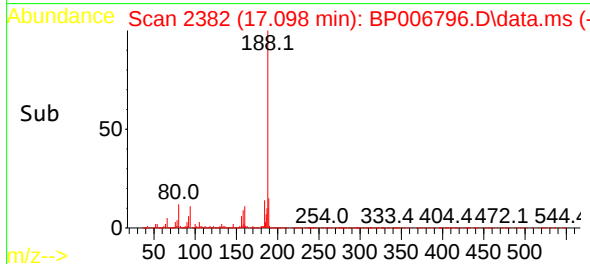
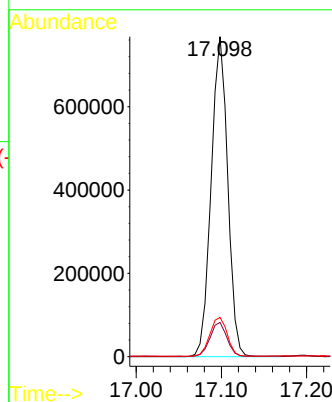
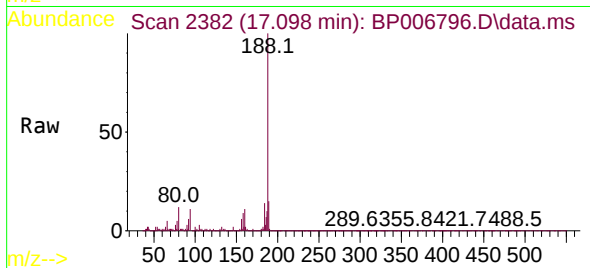




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

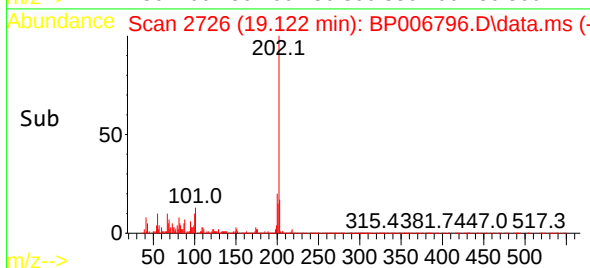
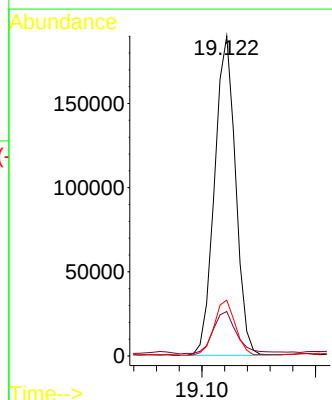
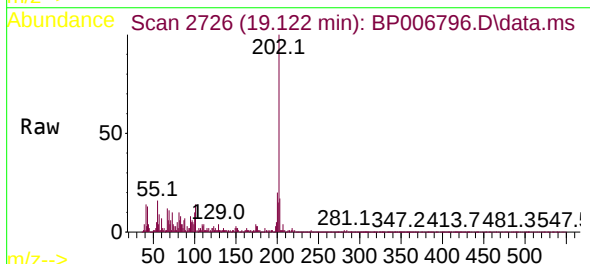
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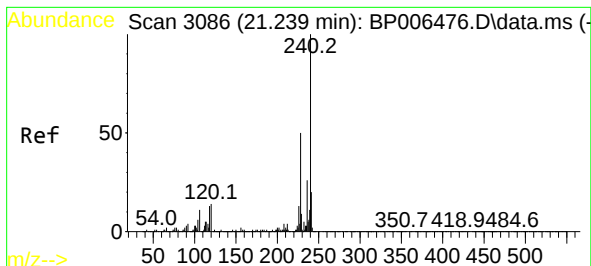
Tgt Ion:188 Resp: 1034876
Ion Ratio Lower Upper
188 100
94 10.7 5.6 8.4#
80 12.3 6.3 9.5#



#75
Fluoranthene
Concen: 3.726 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Tgt Ion:202 Resp: 244108
Ion Ratio Lower Upper
202 100
101 13.9 0.0 27.6
203 17.4 0.0 37.8

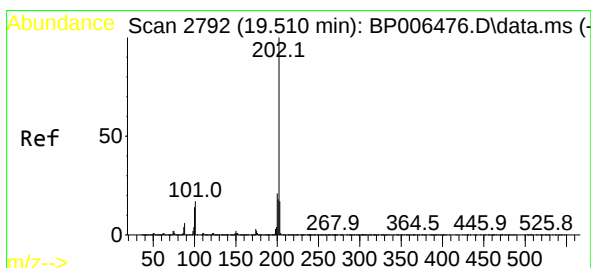
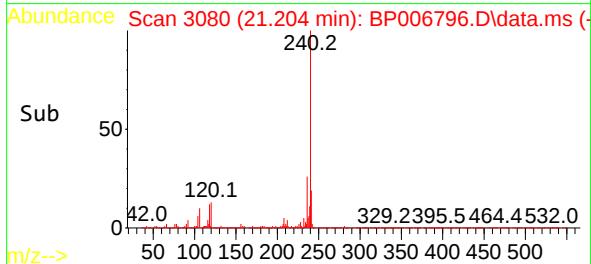
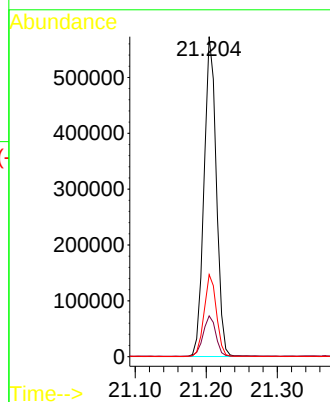
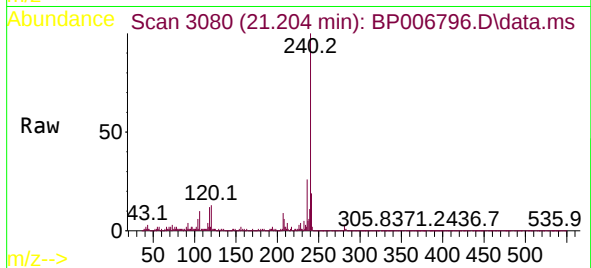




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

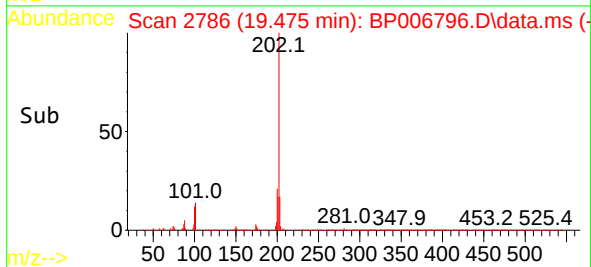
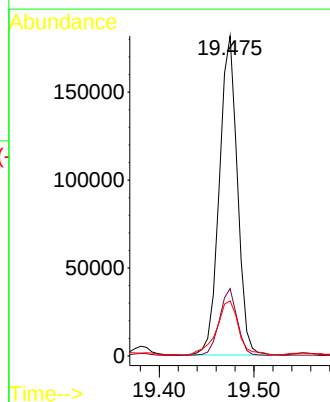
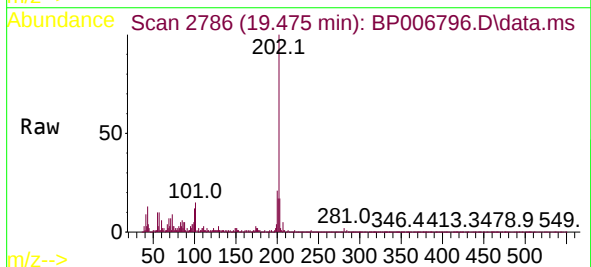
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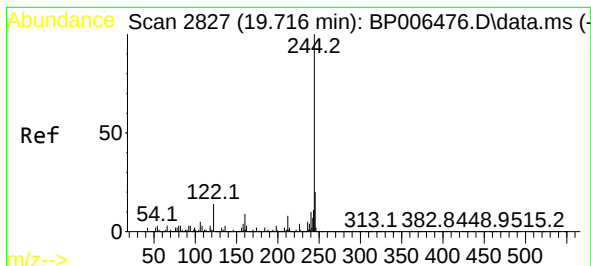
Tgt Ion:240 Resp: 692607
Ion Ratio Lower Upper
240 100
120 12.8 6.5 9.7#
236 25.7 20.6 31.0



#78
Pyrene
Concen: 5.191 ng
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Tgt Ion:202 Resp: 240126
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.2 14.2 21.2

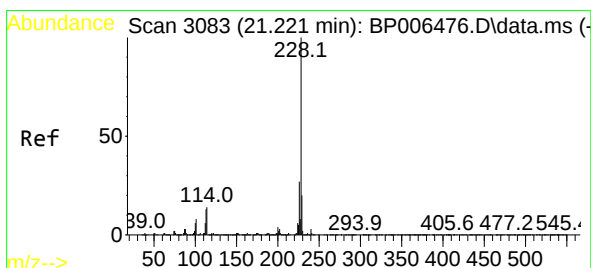
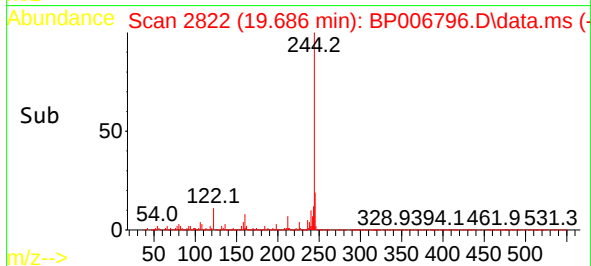
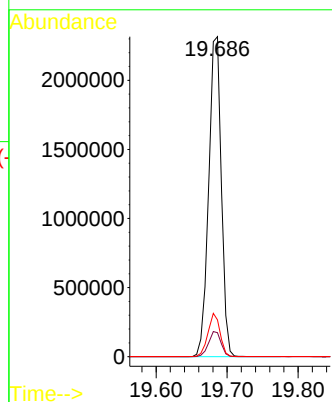
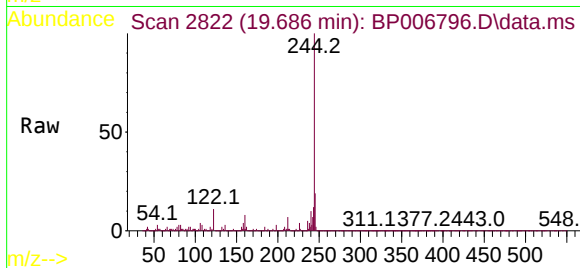




#79
Terphenyl-d14
Concen: 82.945 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

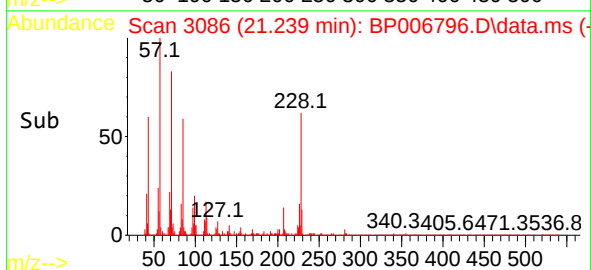
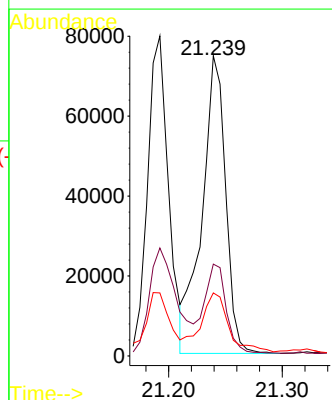
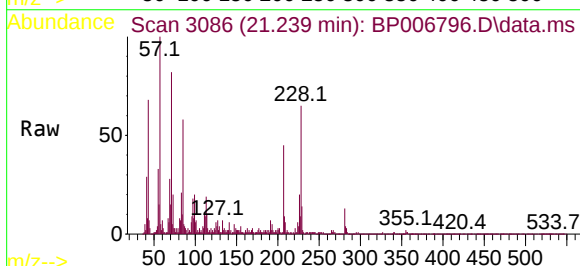
Instrument :
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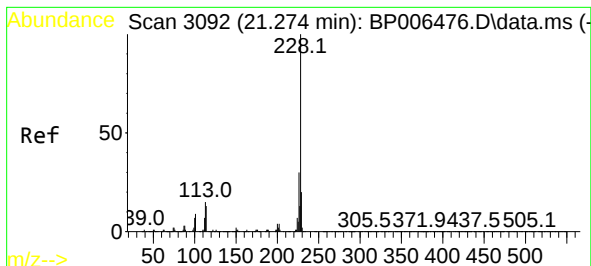
Tgt Ion:244 Resp: 2867002
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.5 7.1 10.7#



#81
Benzo(a)anthracene
Concen: 2.379 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.047 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Tgt Ion:228 Resp: 107662
Ion Ratio Lower Upper
228 100
226 30.6 21.6 32.4
229 21.0 15.8 23.6





#83

Chrysene

Concen: 2.453 ng

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP006796.D

Acq: 20 Aug 2021 12:42

Instrument :

BNA_P

ClientSampleId :

2021-08-12-FD-03

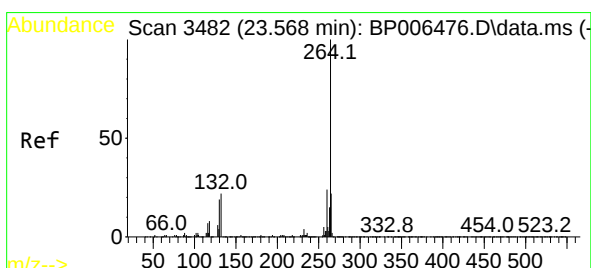
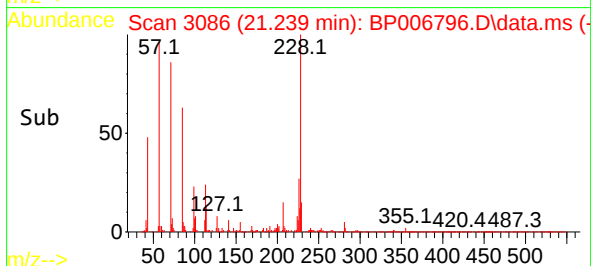
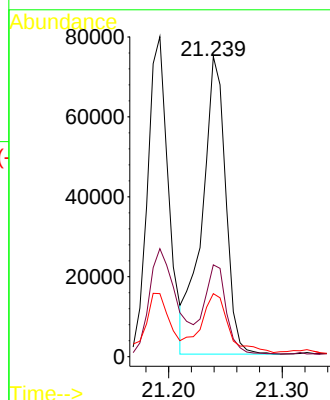
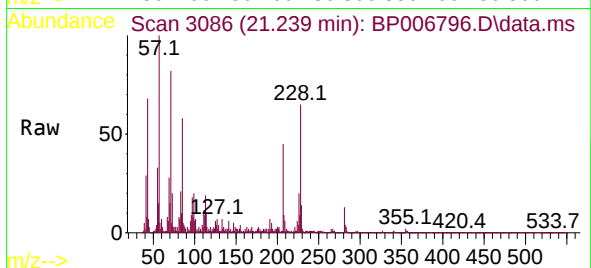
Tgt Ion:228 Resp: 107662

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

229 21.0 15.4 23.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.516 min Scan# 3473

Delta R.T. 0.000 min

Lab File: BP006796.D

Acq: 20 Aug 2021 12:42

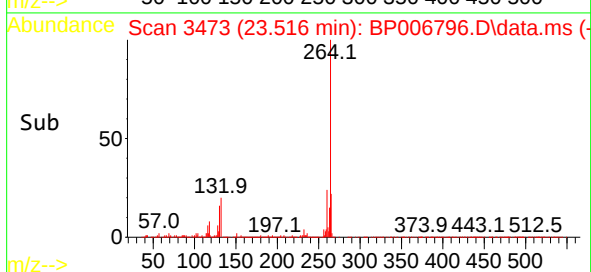
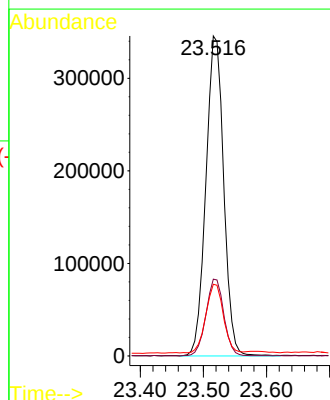
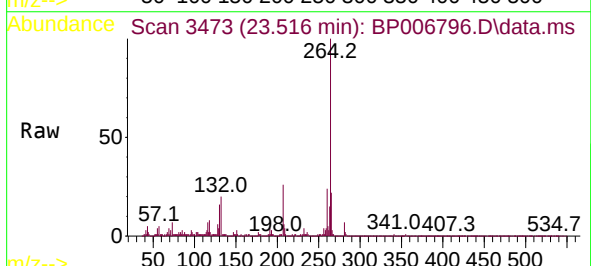
Tgt Ion:264 Resp: 676462

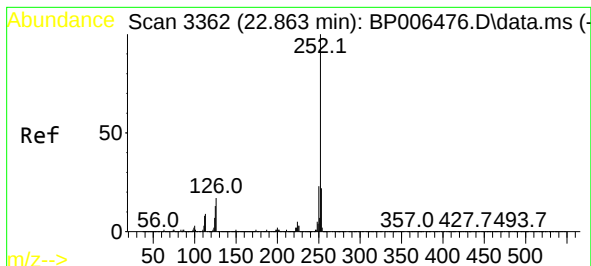
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.4 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 2.770 ng

RT: 22.816 min Scan# 3354

Delta R.T. 0.000 min

Lab File: BP006796.D

Acq: 20 Aug 2021 12:42

Instrument :

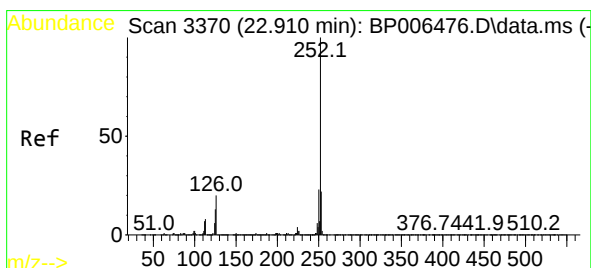
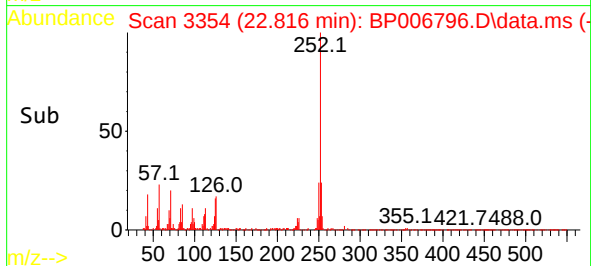
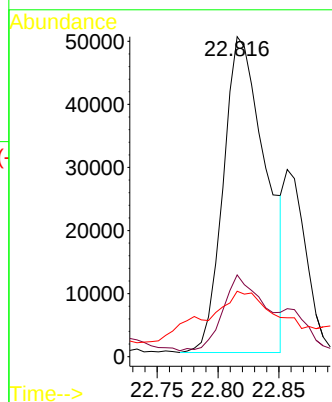
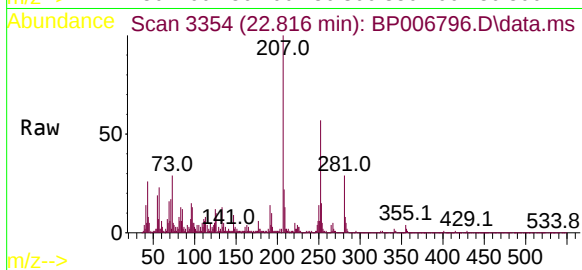
BNA_P

ClientSampleId :

2021-08-12-FD-03

Tgt Ion:252 Resp: 121774

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	20.4	6.2	9.4#



#89

Benzo(k)fluoranthene

Concen: 2.885 ng

RT: 22.816 min Scan# 3354

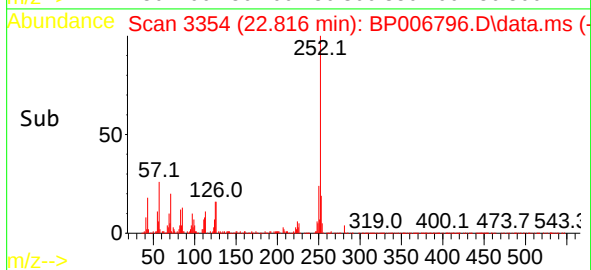
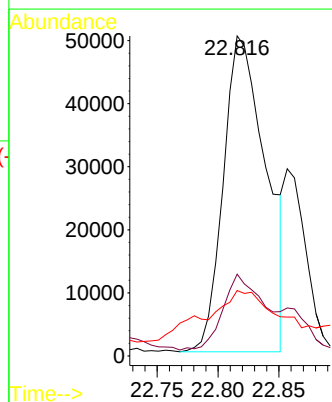
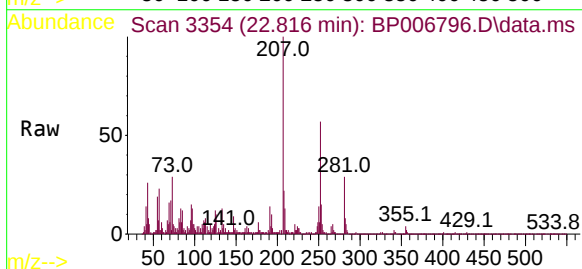
Delta R.T. -0.047 min

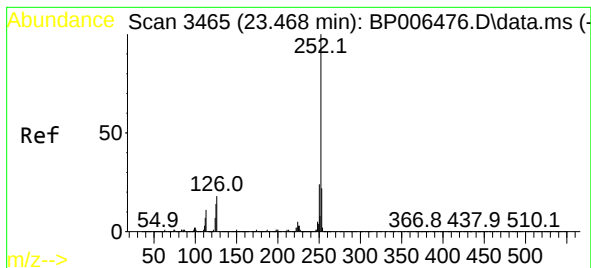
Lab File: BP006796.D

Acq: 20 Aug 2021 12:42

Tgt Ion:252 Resp: 121774

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	20.4	6.0	9.0#





#90
Benzo(a)pyrene
Concen: 2.208 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP006796.D
Acq: 20 Aug 2021 12:42

Instrument :
BNA_P
ClientSampleId :
2021-08-12-FD-03

Tgt Ion:252 Resp: 87080
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 17.2 6.5 9.7#

