

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006694.D
 Acq On : 16 Aug 2021 21:29
 Operator : CG/JU
 Sample : M3425-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 21S

Quant Time: Aug 17 02:03:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

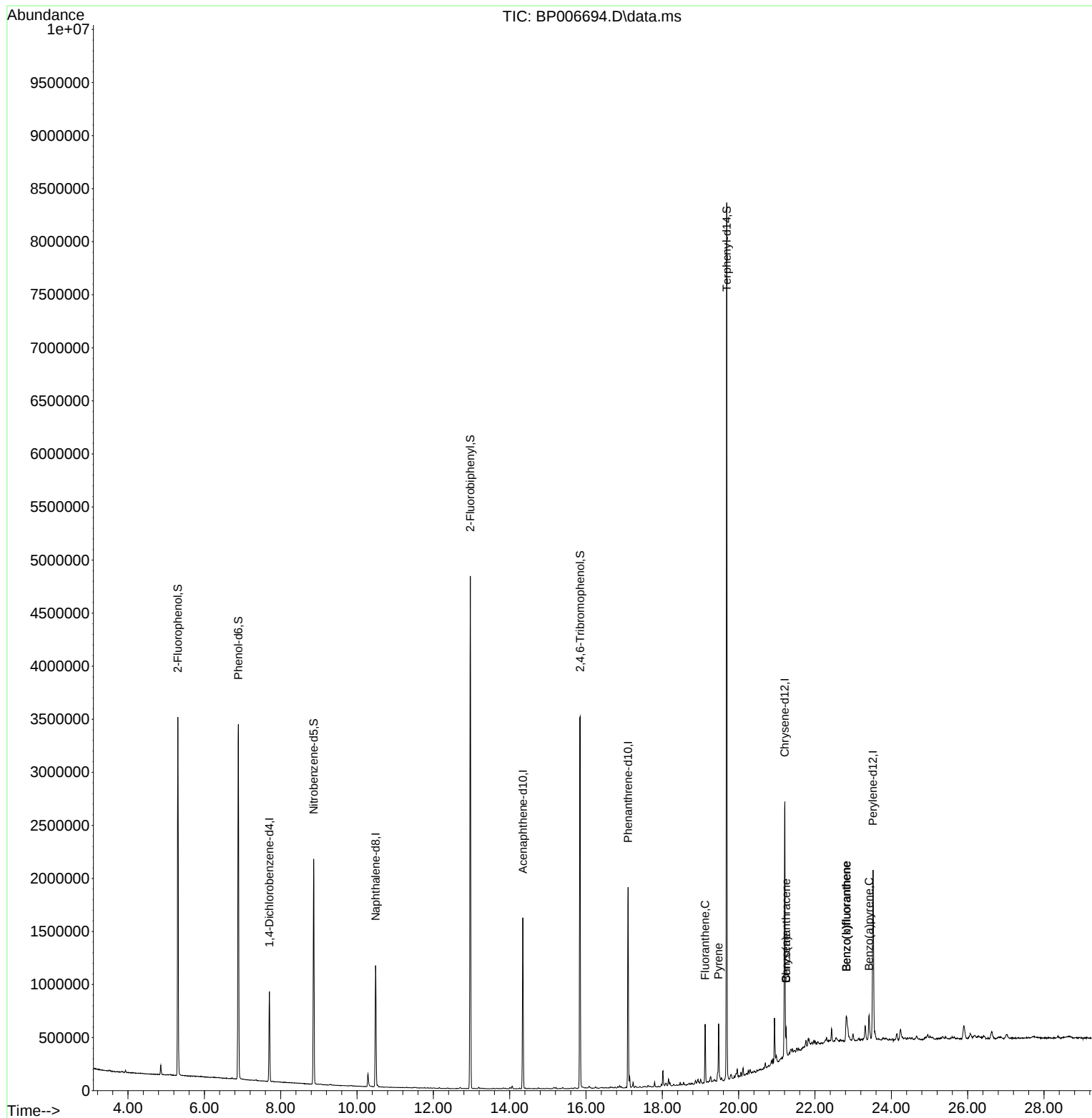
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	207138	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	881098	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	486257	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	971803	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	957643	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	1021073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1401722	103.939	ng	0.00
7) Phenol-d6	6.893	99	1838972	95.994	ng	0.00
23) Nitrobenzene-d5	8.863	82	1247360	65.345	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	523399	102.992	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2158901	66.426	ng	0.00
79) Terphenyl-d14	19.686	244	3154928	66.014	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.122	202	285627	4.642	ng	94
78) Pyrene	19.474	202	282278	4.413	ng	100
81) Benzo(a)anthracene	21.245	228	134189	2.144	ng	94
83) Chrysene	21.245	228	134189	2.212	ng	96
88) Benzo(b)fluoranthene	22.821	252	256383	3.863	ng	# 94
89) Benzo(k)fluoranthene	22.821	252	256383	4.024	ng	# 94
90) Benzo(a)pyrene	23.415	252	149357	2.509	ng	# 92

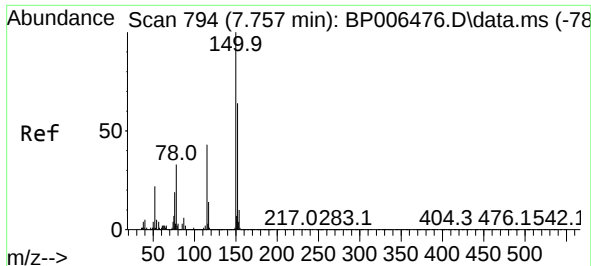
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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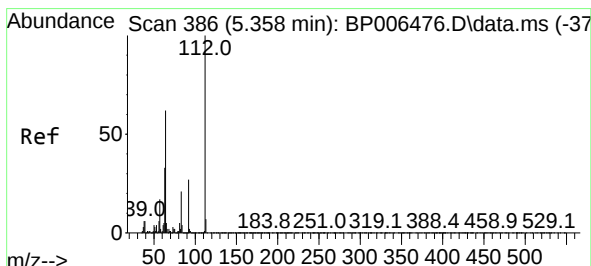
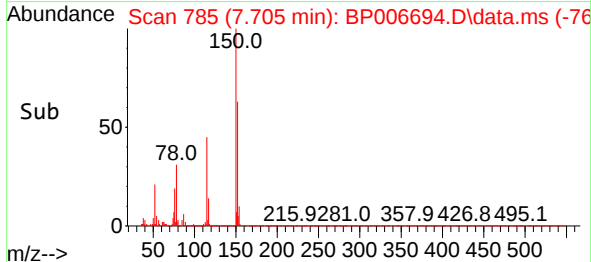
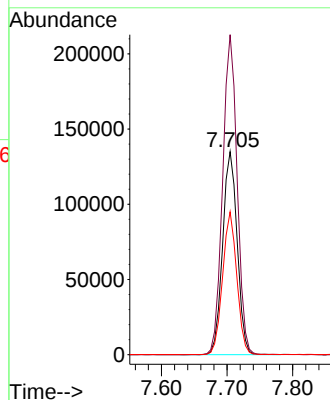
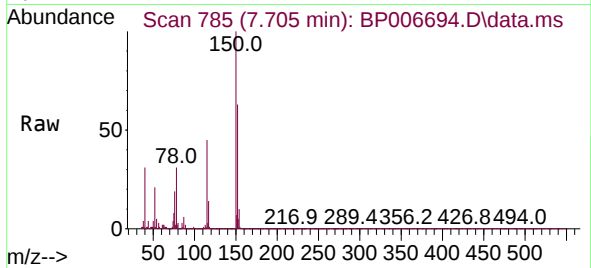




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

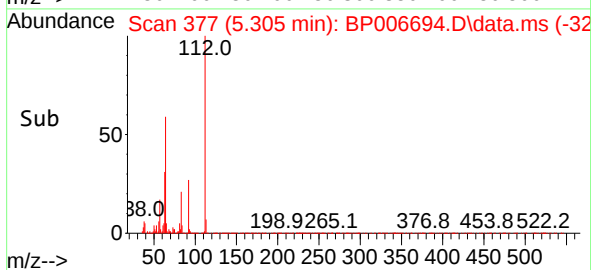
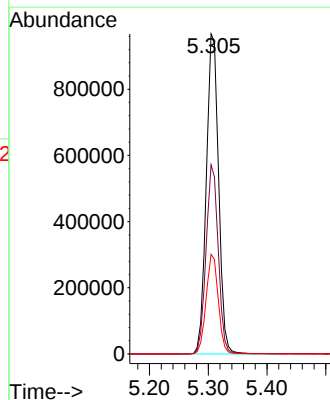
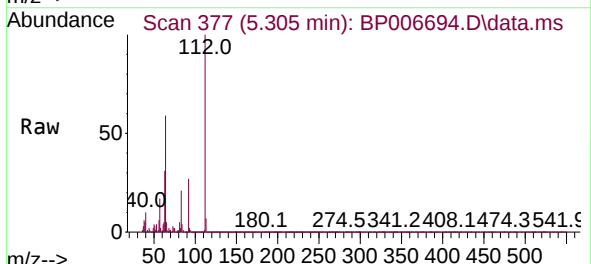
Instrument :
BNA_P
ClientSampled :
21S

Tgt Ion:152 Resp: 207138
Ion Ratio Lower Upper
152 100
150 157.6 125.6 188.4
115 70.4 48.5 72.7



#5
2-Fluorophenol
Concen: 103.939 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion:112 Resp: 1401722
Ion Ratio Lower Upper
112 100
64 59.1 41.4 62.2
63 31.1 23.8 35.8

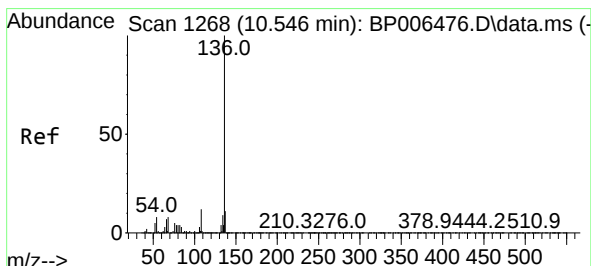
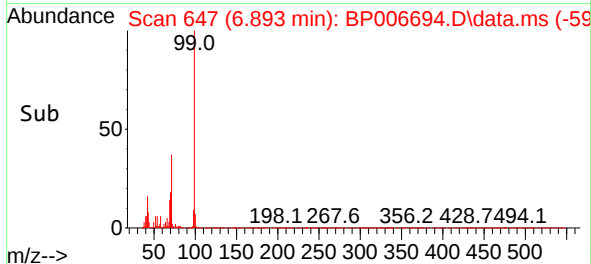
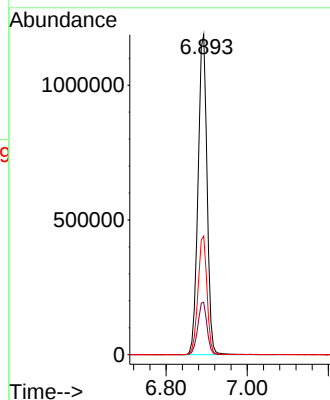
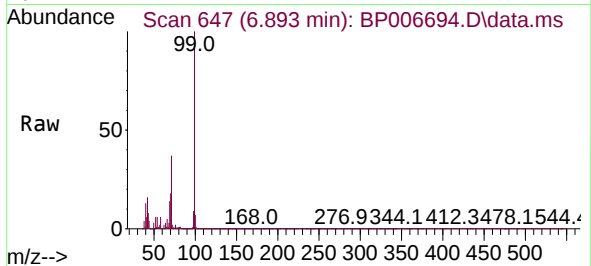




#7
Phenol-d6
Concen: 95.994 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

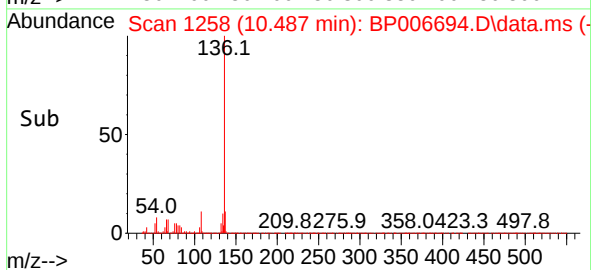
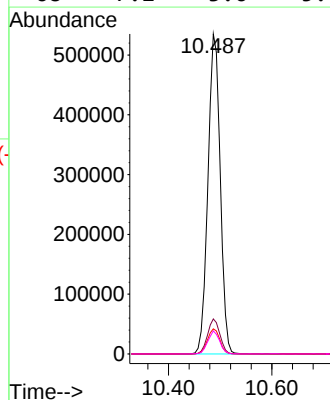
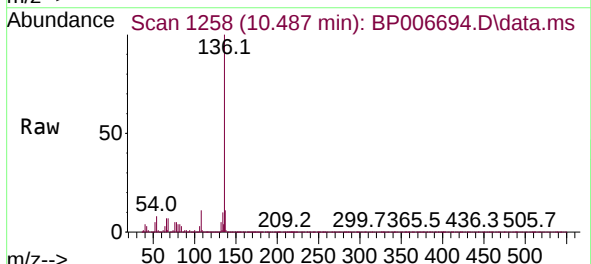
Instrument :
BNA_P
ClientSampled :
21S

Tgt Ion: 99 Resp: 1838972
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion: 136 Resp: 881098
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.8 4.6 6.8#
68 7.2 3.6 5.4#



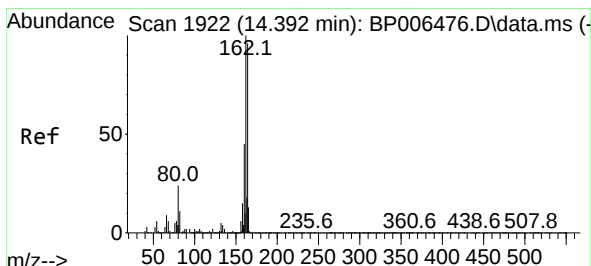
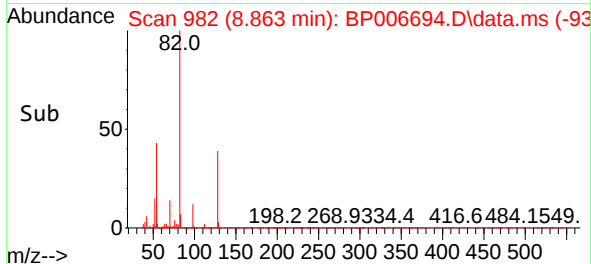
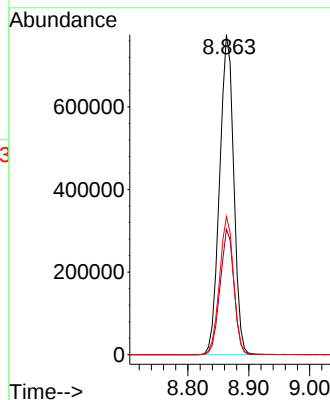
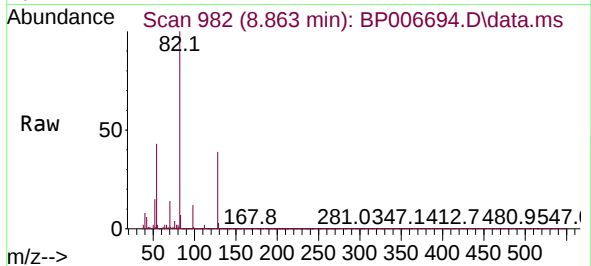


#23
Nitrobenzene-d5
Concen: 65.345 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Instrument :
BNA_P
ClientSampleId :
21S

Tgt Ion: 82 Resp: 1247360

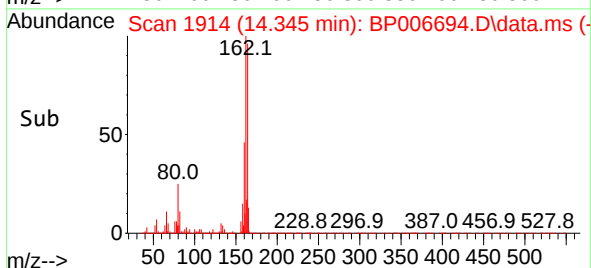
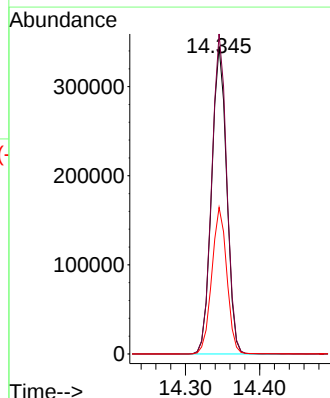
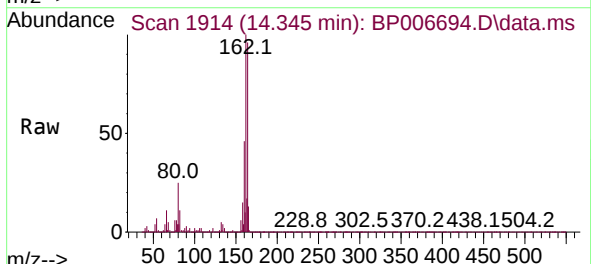
Ion	Ratio	Lower	Upper
82	100		
128	39.2	35.7	53.5
54	43.1	35.0	52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion:164 Resp: 486257

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.2	120.2
160	47.6	34.5	51.7

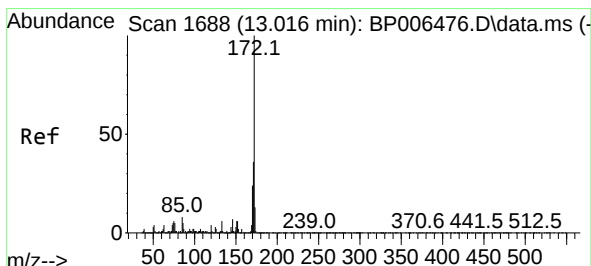
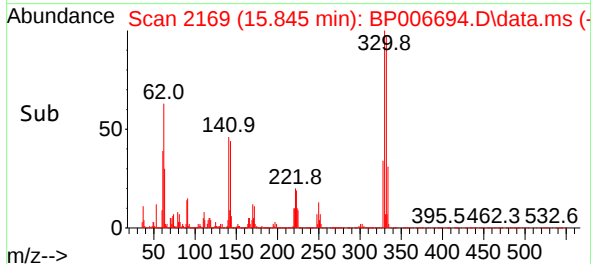
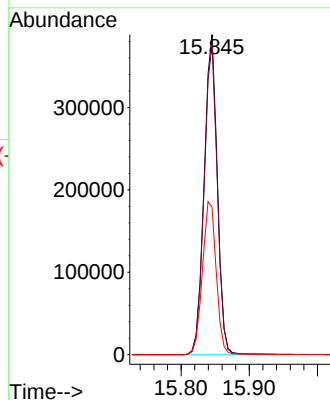
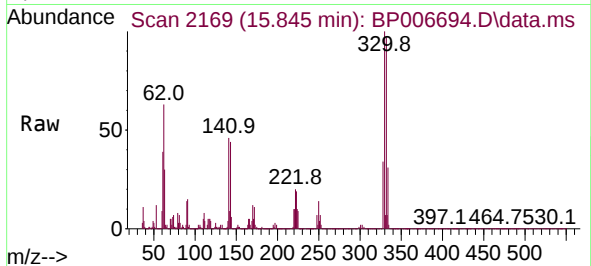




#42
2,4,6-Tribromophenol
Concen: 102.992 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

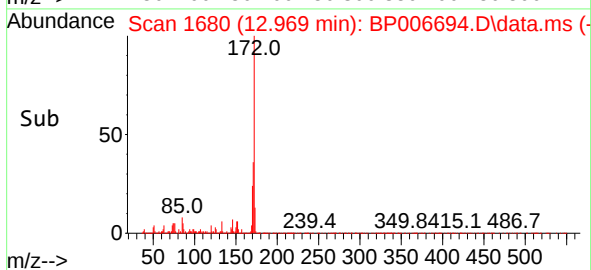
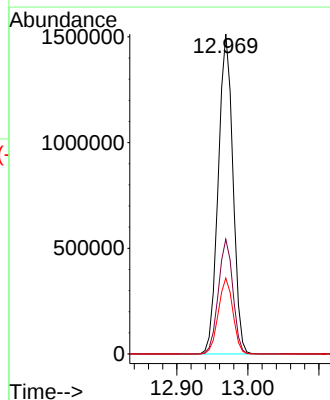
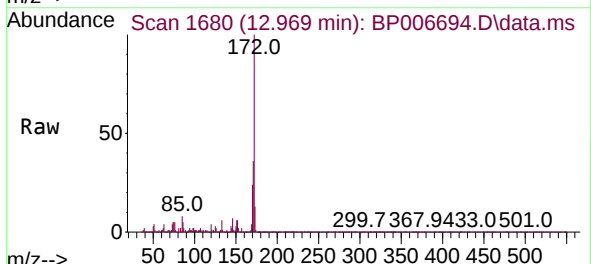
Instrument :
BNA_P
ClientSampleId :
21S

Tgt Ion:330 Resp: 523399
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 50.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 66.426 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion:172 Resp: 2158901
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 18.6 27.8

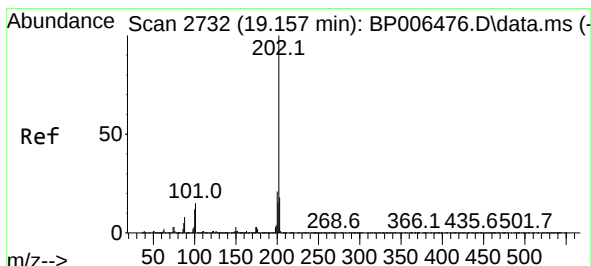
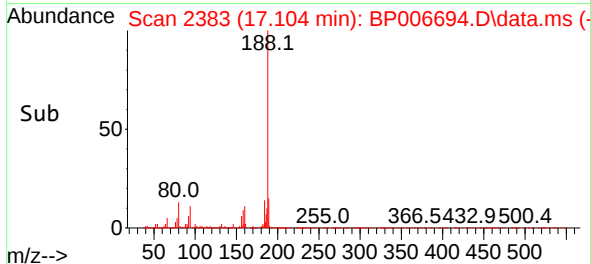
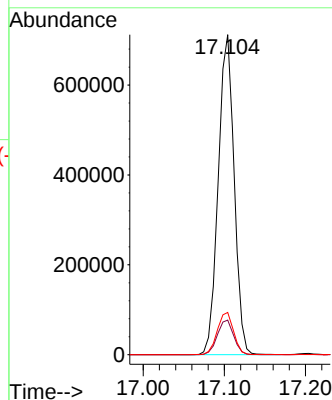
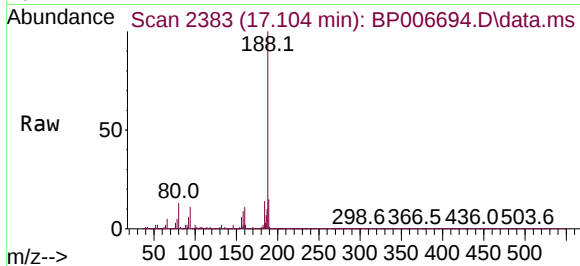




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

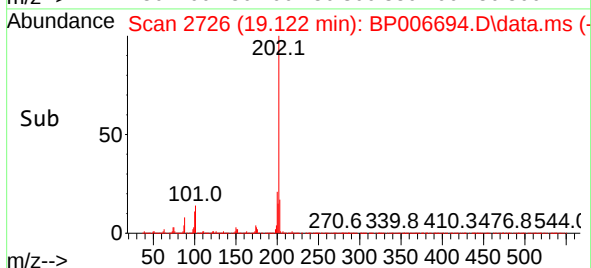
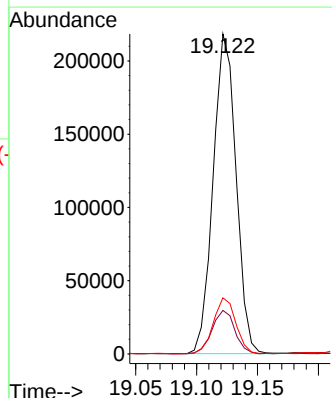
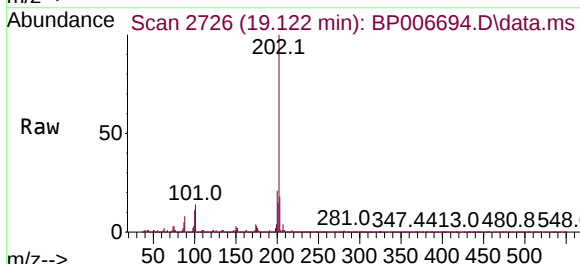
Instrument :
BNA_P
ClientSampled :
21S

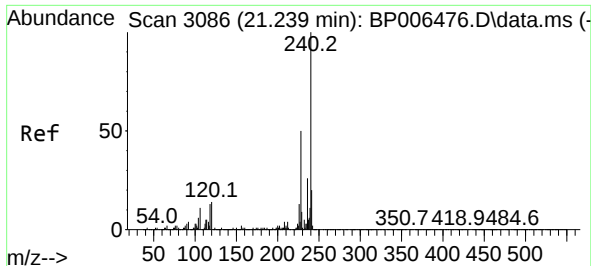
Tgt Ion:188 Resp: 971803
Ion Ratio Lower Upper
188 100
94 10.8 5.6 8.4#
80 13.2 6.3 9.5#



#75
Fluoranthene
Concen: 4.642 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion:202 Resp: 285627
Ion Ratio Lower Upper
202 100
101 13.6 0.0 27.6
203 17.5 0.0 37.8

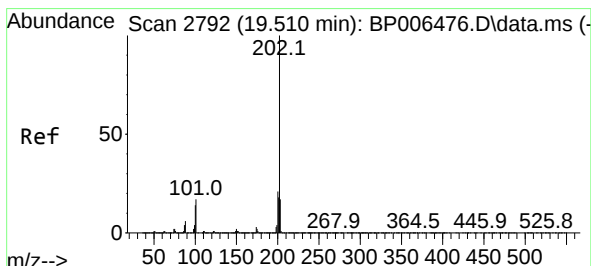
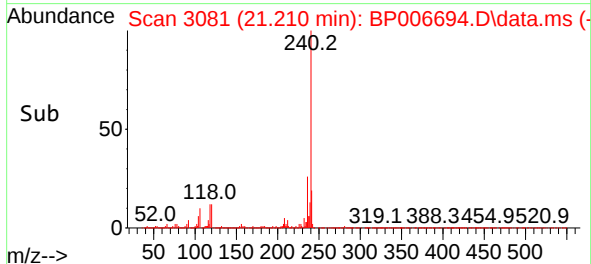
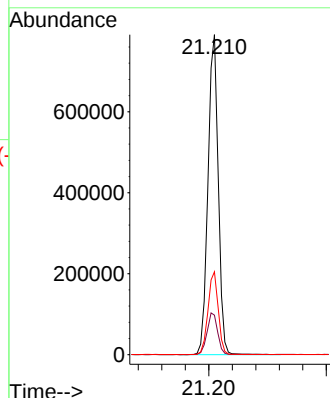
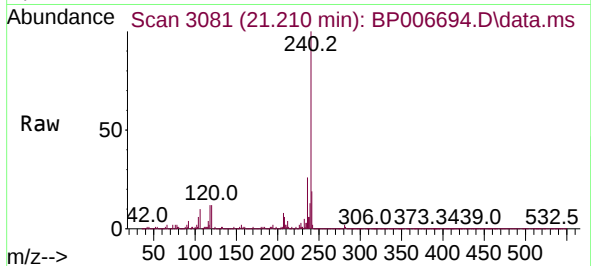




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

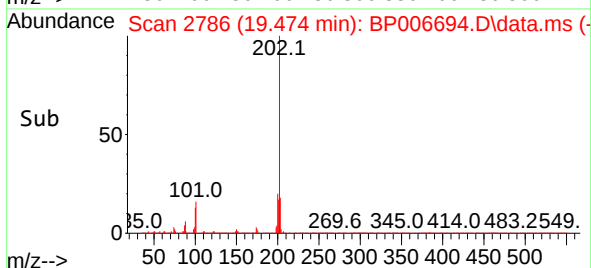
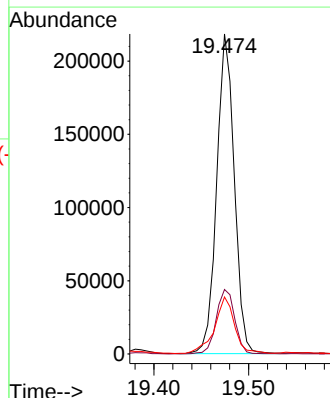
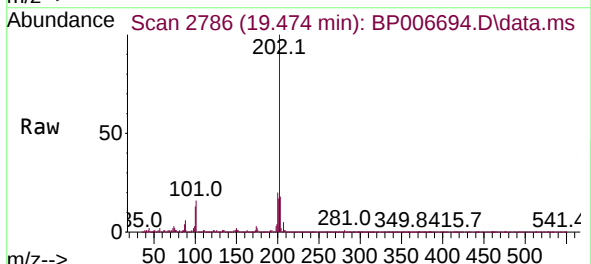
Instrument :
BNA_P
ClientSampled :
21S

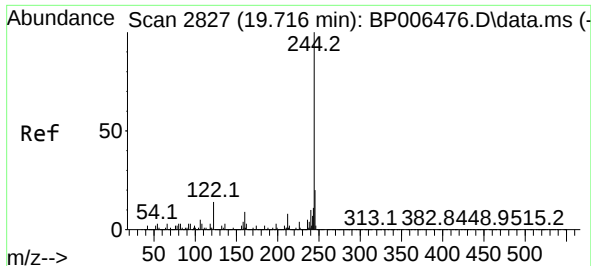
Tgt Ion:240 Resp: 957643
Ion Ratio Lower Upper
240 100
120 12.4 6.5 9.7#
236 25.9 20.6 31.0



#78
Pyrene
Concen: 4.413 ng
RT: 19.474 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion:202 Resp: 282278
Ion Ratio Lower Upper
202 100
200 20.2 16.3 24.5
203 17.8 14.2 21.2

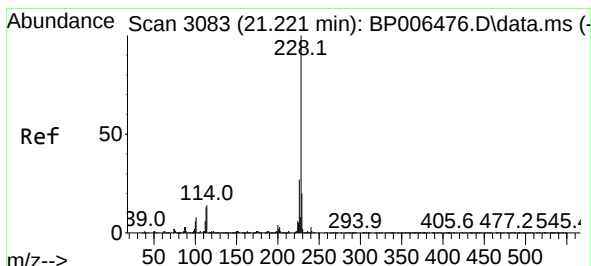
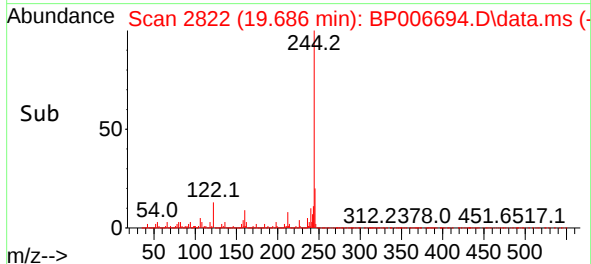
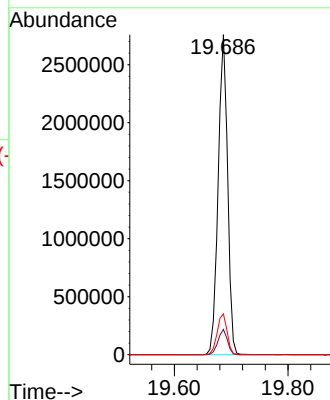
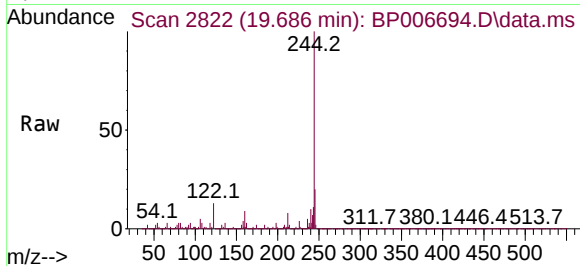




#79
 Terphenyl-d14
 Concen: 66.014 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BP006694.D
 Acq: 16 Aug 2021 21:29

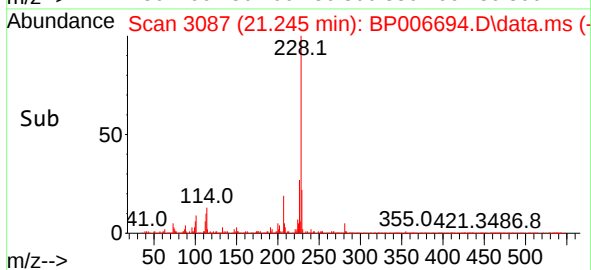
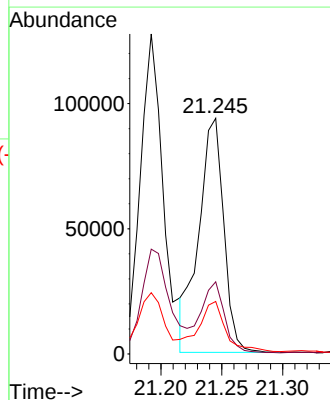
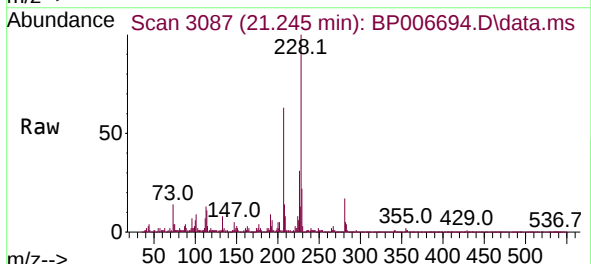
Instrument :
 BNA_P
 ClientSampled :
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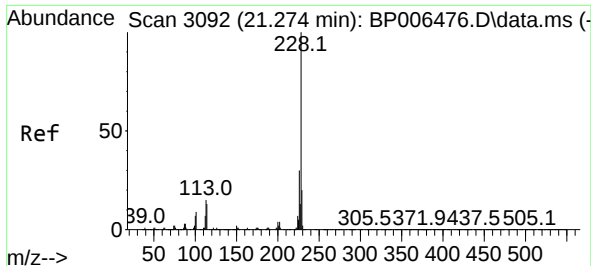
Tgt Ion:244 Resp: 3154928
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 12.7 7.1 10.7#



#81
 Benzo(a)anthracene
 Concen: 2.144 ng
 RT: 21.245 min Scan# 3087
 Delta R.T. 0.047 min
 Lab File: BP006694.D
 Acq: 16 Aug 2021 21:29

Tgt Ion:228 Resp: 134189
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.6 32.4
 229 22.3 15.8 23.6

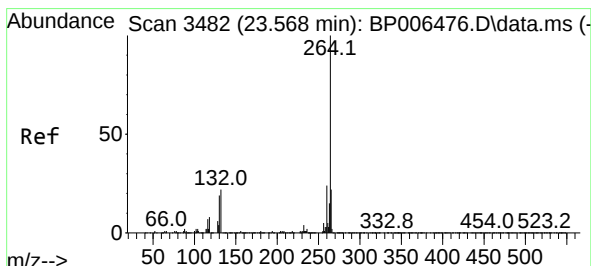
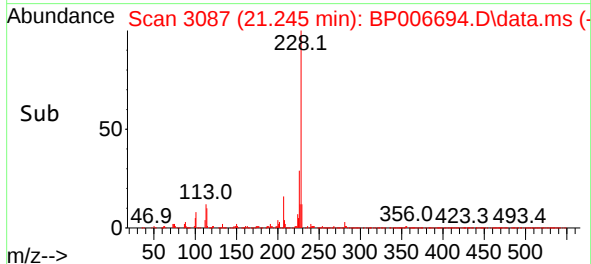
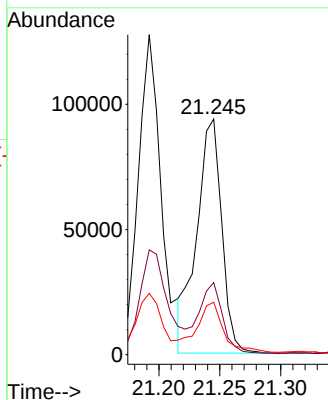
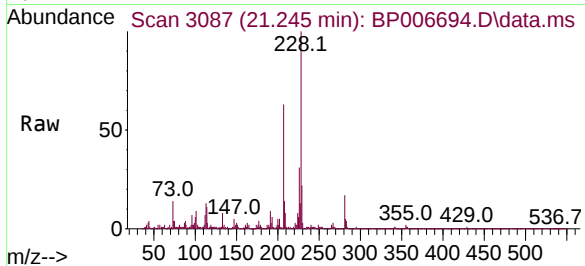




#83
Chrysene
Concen: 2.212 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

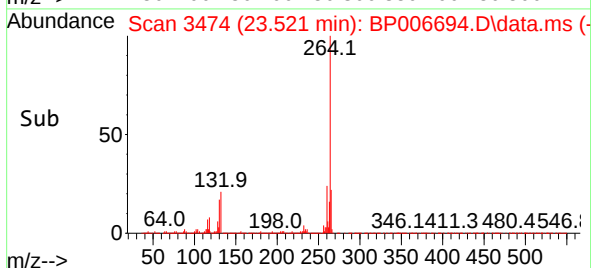
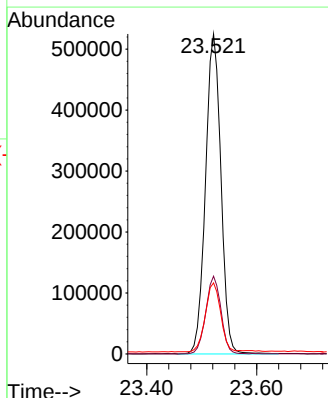
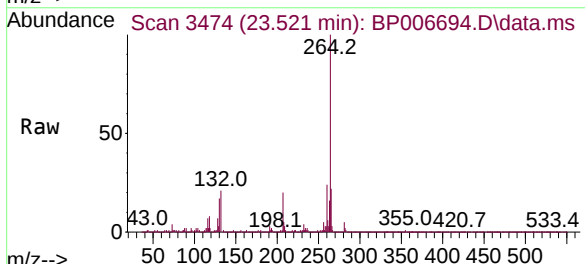
Instrument :
BNA_P
ClientSampled :
21S

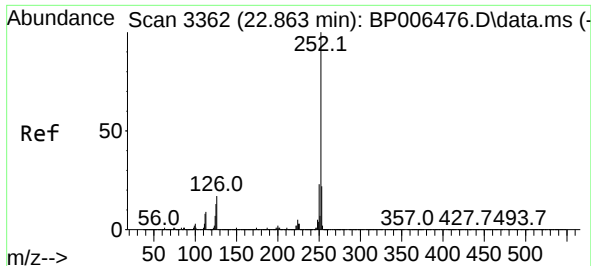
Tgt Ion:	228	Resp:	134189
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.8	35.6
229	22.3	15.4	23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion:	264	Resp:	1021073
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	28.0
265	22.2	17.6	26.4

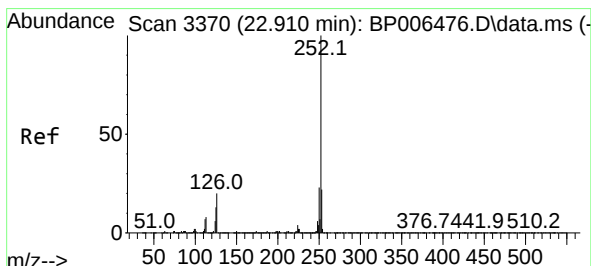
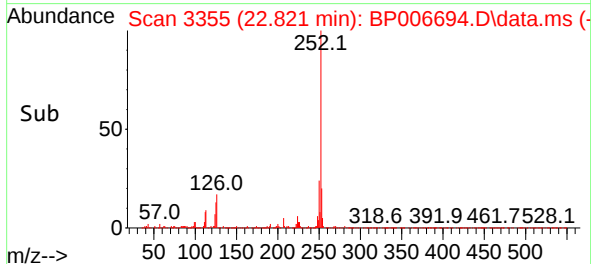
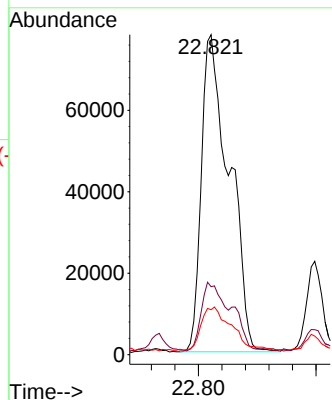
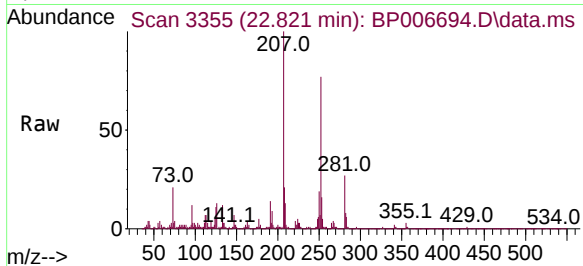




#88
Benzo(b)fluoranthene
Concen: 3.863 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.000 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

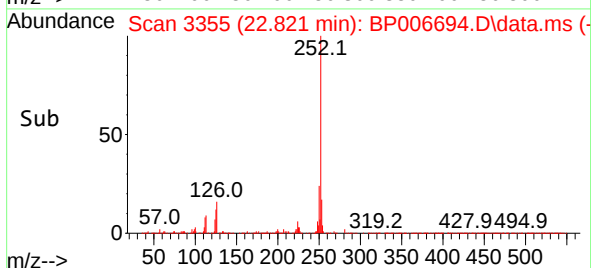
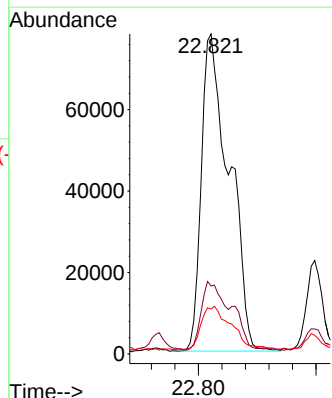
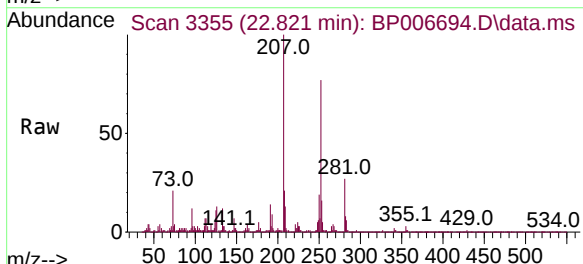
Instrument :
BNA_P
ClientSampleId :
21S

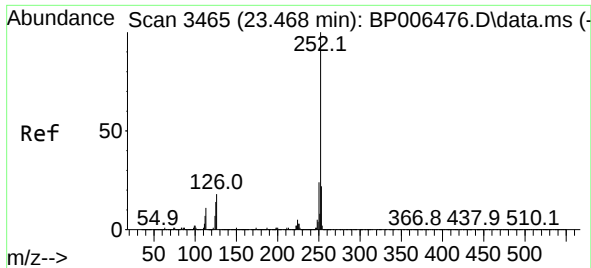
Tgt Ion:252 Resp: 256383
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 14.0 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.024 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.053 min
Lab File: BP006694.D
Acq: 16 Aug 2021 21:29

Tgt Ion:252 Resp: 256383
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 14.0 6.0 9.0#





#90

Benzo(a)pyrene

Concen: 2.509 ng

RT: 23.415 min Scan# 3456

Delta R.T. -0.006 min

Lab File: BP006694.D

Acq: 16 Aug 2021 21:29

Instrument :

BNA_P

ClientSampleId :

21S

Tgt Ion:252 Resp: 149357

Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

125 15.4 6.5 9.7#

