

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
 Data File : BP006746.D
 Acq On : 18 Aug 2021 15:48
 Operator : CG/JU
 Sample : M3431-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 6

Quant Time: Aug 18 16:35:37 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)

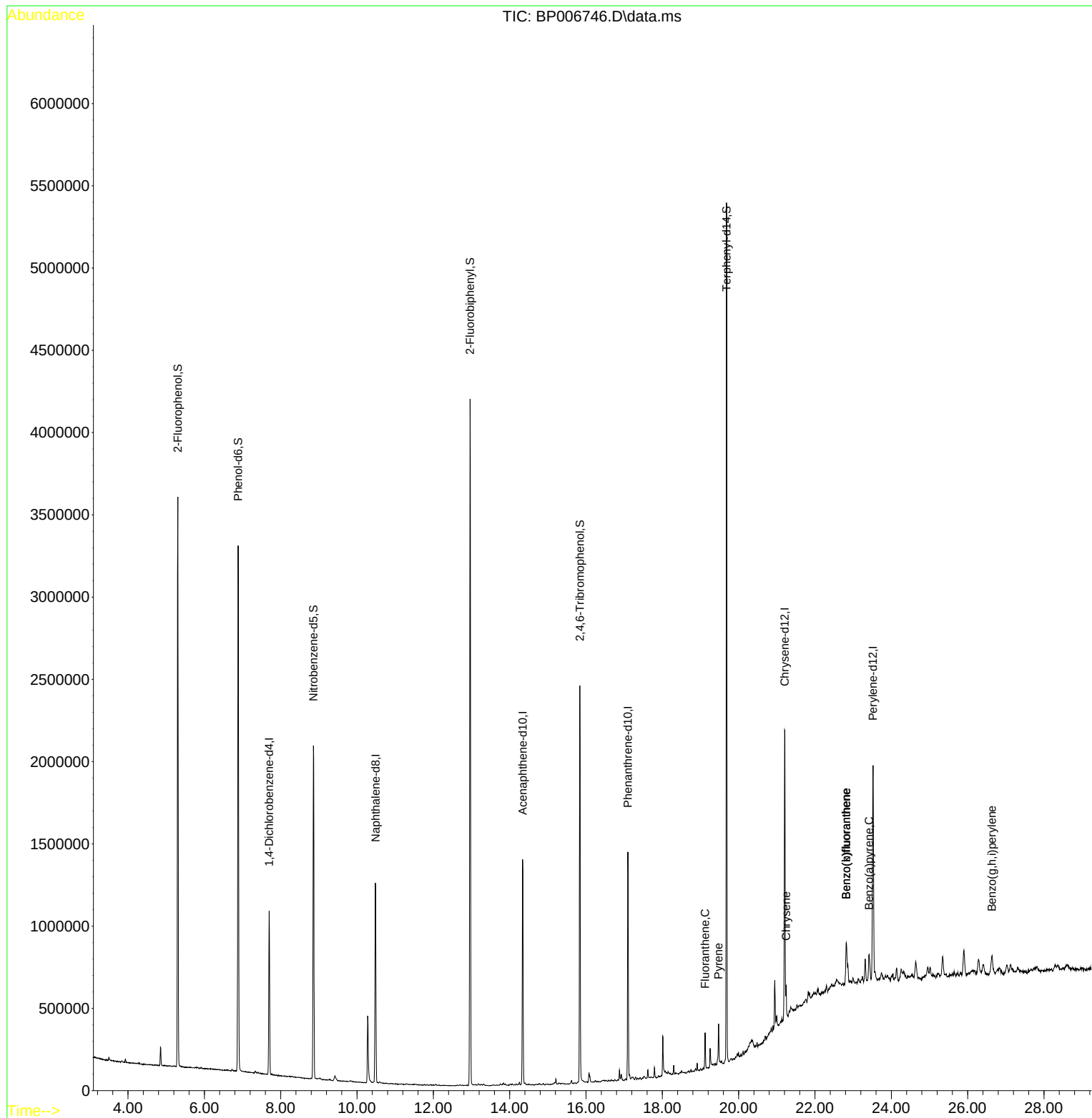
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	248784	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	959422	20.000	ng	# 0.00
39) Acenaphthene-d10	14.339	164	438718	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	729315	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	756356	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	843577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1415782	87.408	ng	0.00
7) Phenol-d6	6.887	99	1758968	76.448	ng	0.00
23) Nitrobenzene-d5	8.857	82	1219670	58.678	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	362025	78.957	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1909908	65.132	ng	0.00
79) Terphenyl-d14	19.680	244	2039987	54.045	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.122	202	109701	2.376	ng	94
78) Pyrene	19.474	202	116444	2.305	ng	99
83) Chrysene	21.245	228	110521	2.306	ng	97
88) Benzo(b)fluoranthene	22.815	252	198885	3.628	ng	# 89
89) Benzo(k)fluoranthene	22.815	252	198885	3.778	ng	# 89
90) Benzo(a)pyrene	23.415	252	104813	2.131	ng	# 87
92) Benzo(g,h,i)perylene	26.633	276	120397	2.376	ng	# 89

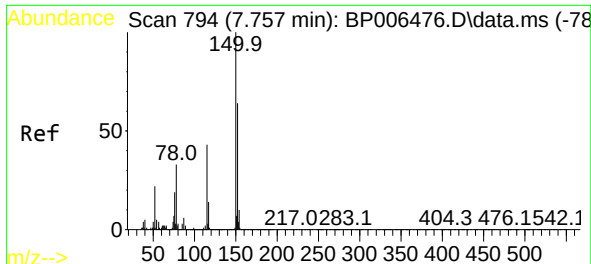
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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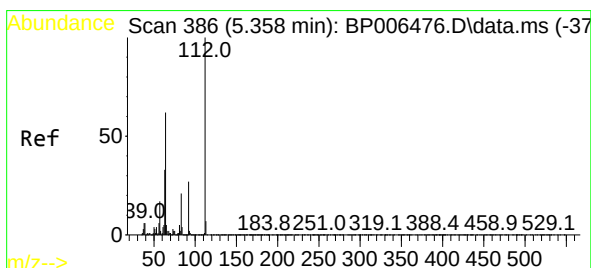
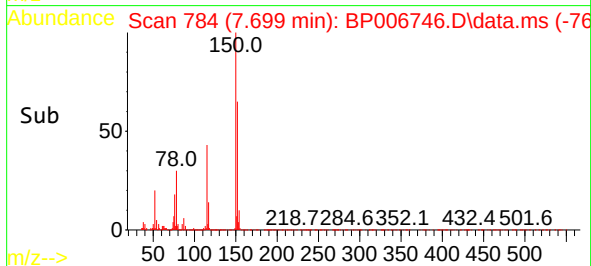
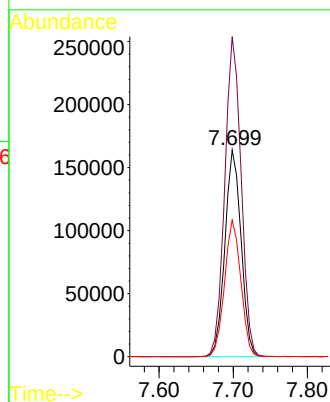
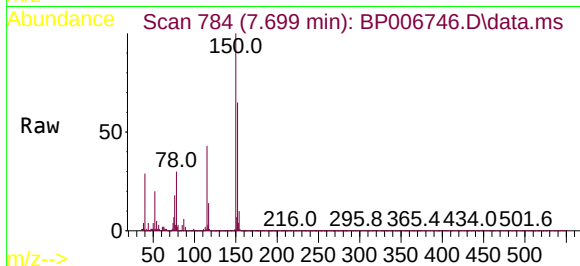




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

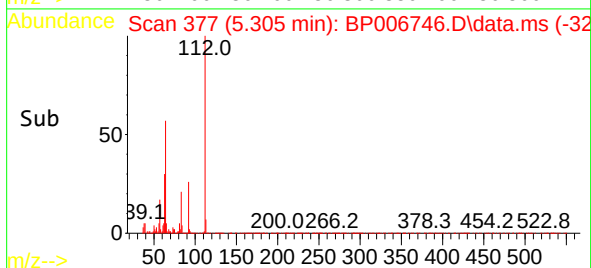
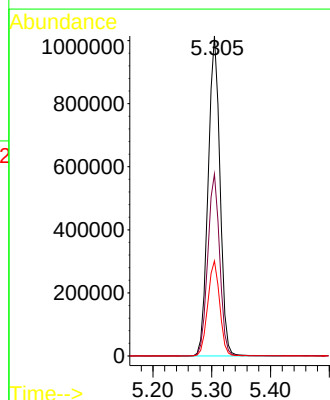
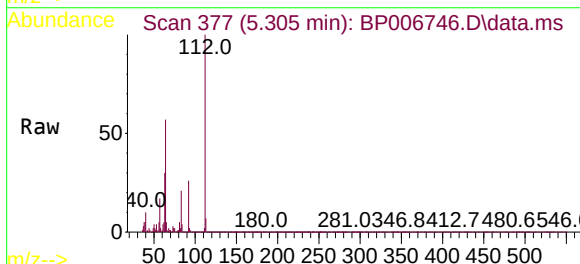
Instrument :
BNA_P
ClientSampleId :
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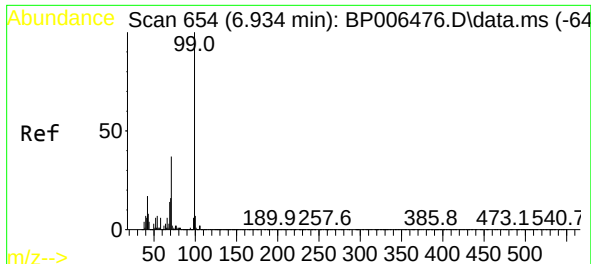
Tgt Ion:152 Resp: 248784
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 66.1 48.5 72.7



#5
2-Fluorophenol
Concen: 87.408 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Tgt Ion:112 Resp: 1415782
Ion Ratio Lower Upper
112 100
64 56.9 41.4 62.2
63 29.7 23.8 35.8



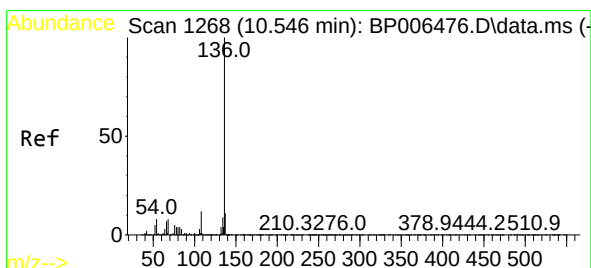
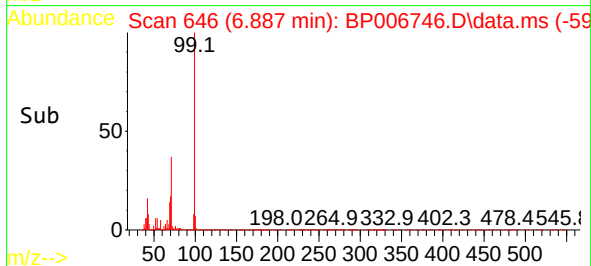
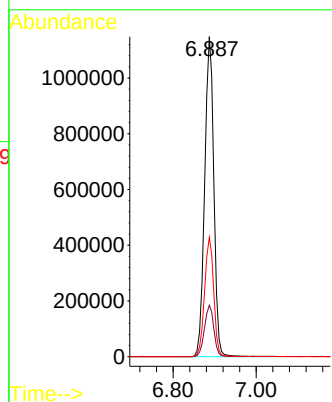
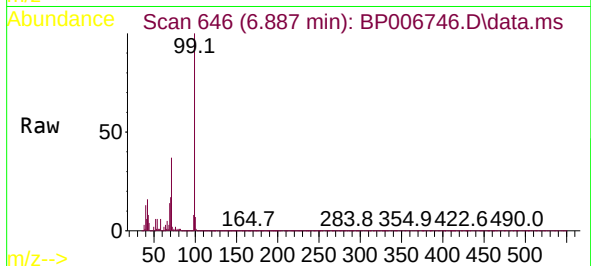


#7
Phenol-d6
Concen: 76.448 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion: 99 Resp: 1758968

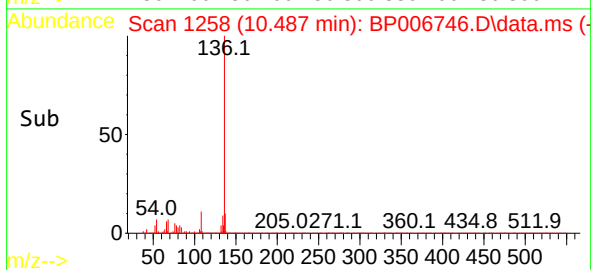
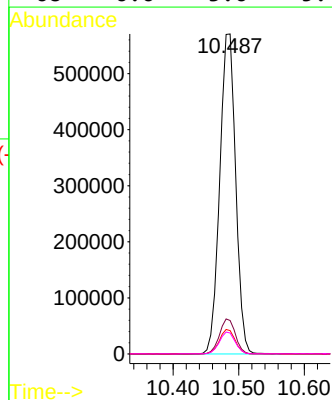
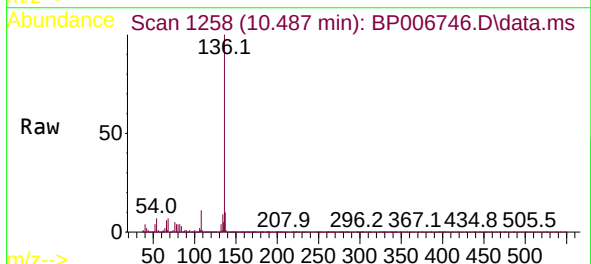
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.0
71	37.3	30.6	46.0

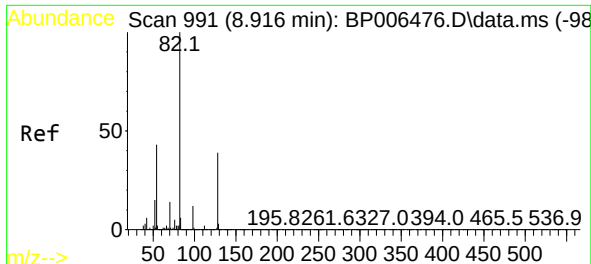


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Tgt Ion: 136 Resp: 959422

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	7.3	4.6	6.8#
68	6.6	3.6	5.4#

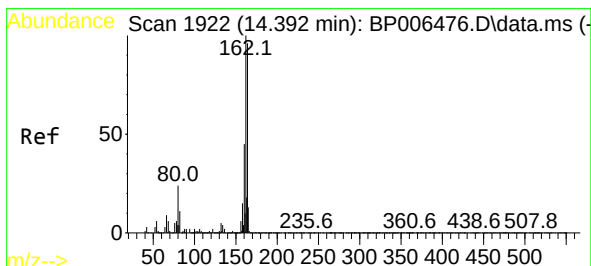
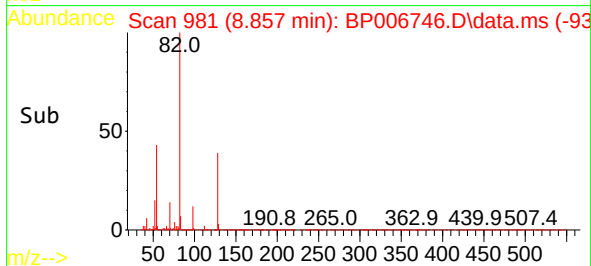
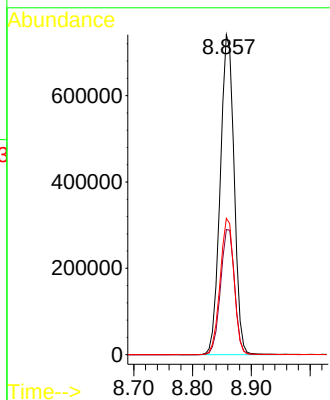
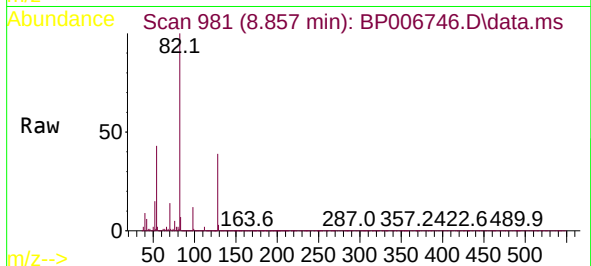




#23
Nitrobenzene-d5
Concen: 58.678 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

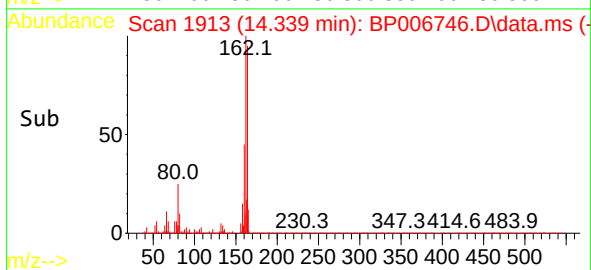
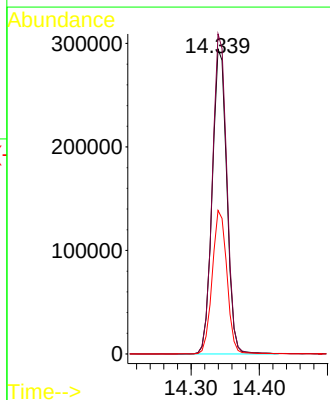
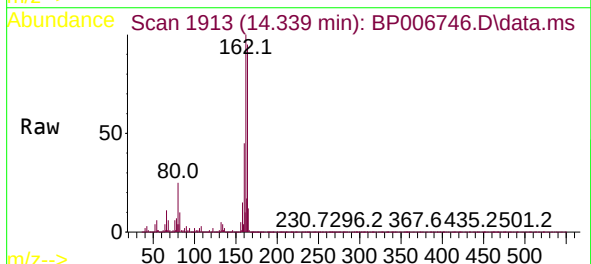
Instrument :
BNA_P
ClientSampleId :
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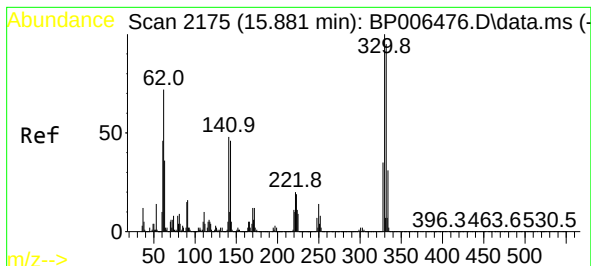
Tgt Ion: 82 Resp: 1219670
Ion Ratio Lower Upper
82 100
128 39.1 35.7 53.5
54 42.6 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Tgt Ion: 164 Resp: 438718
Ion Ratio Lower Upper
164 100
162 105.0 80.2 120.2
160 47.1 34.5 51.7

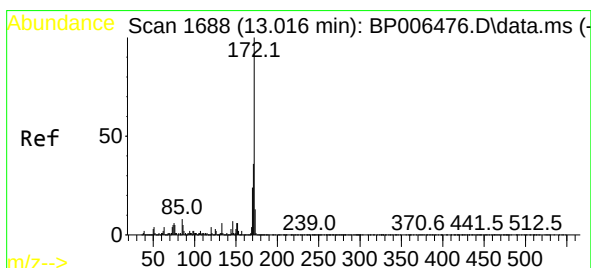
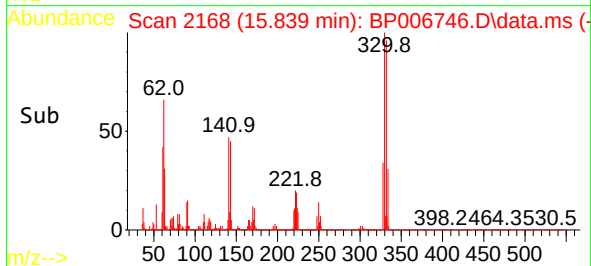
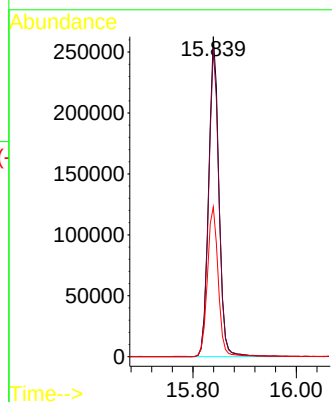
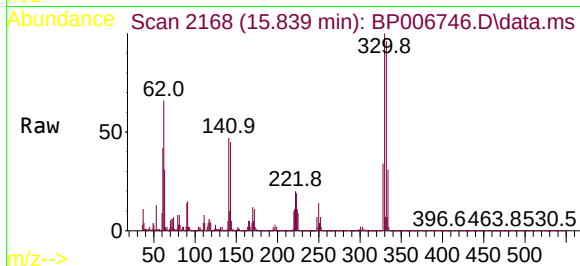




#42
2,4,6-Tribromophenol
Concen: 78.957 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

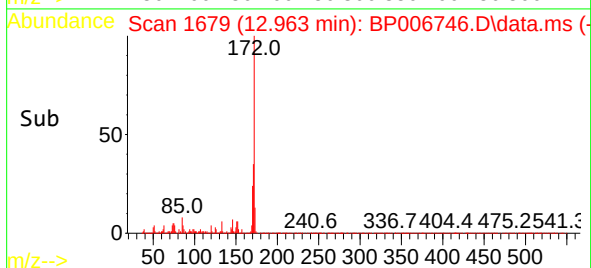
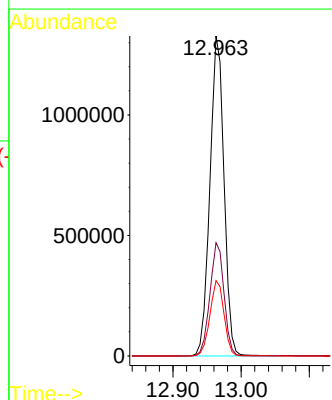
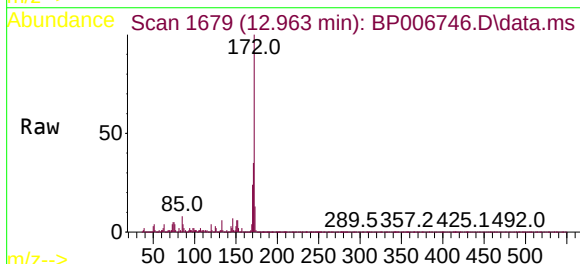
Instrument :
BNA_P
ClientSampleId :
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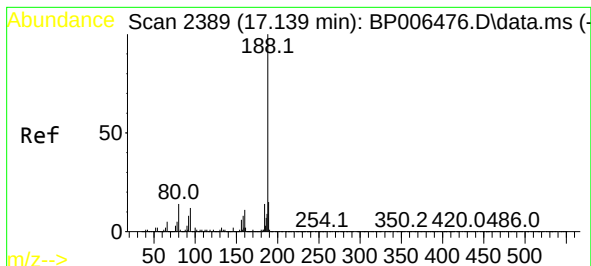
Tgt Ion:330 Resp: 362025
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 48.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 65.132 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Tgt Ion:172 Resp: 1909908
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 18.6 27.8

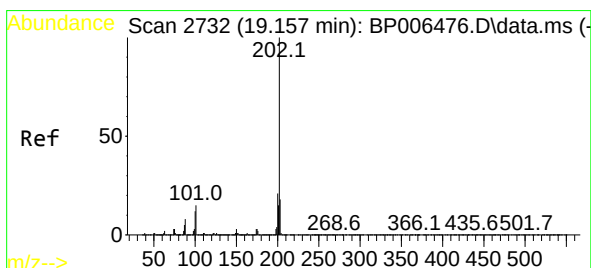
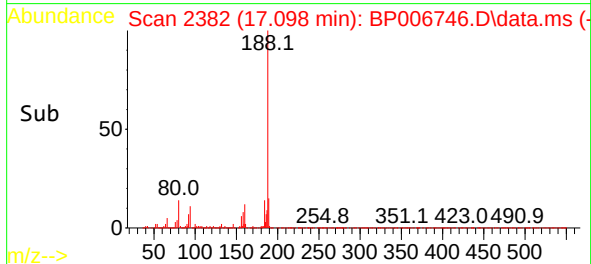
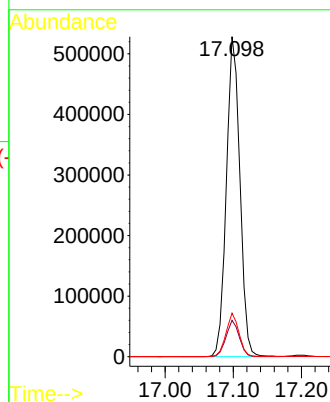
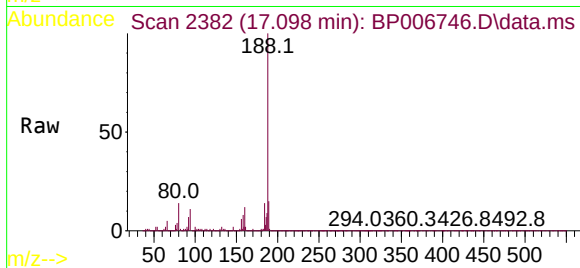




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

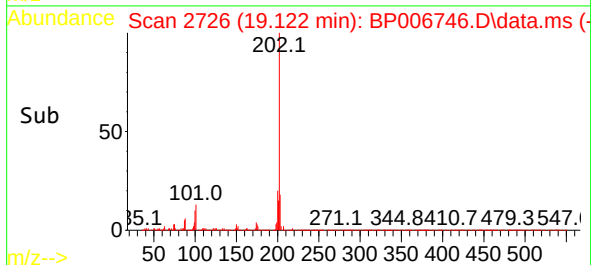
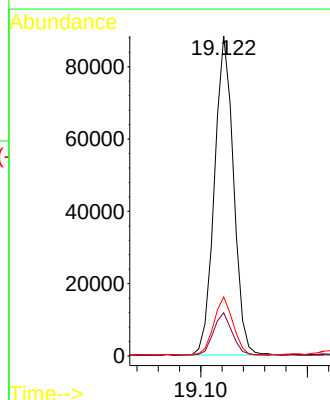
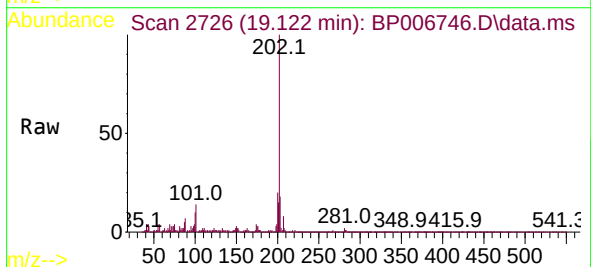
Instrument :
BNA_P
ClientSampleId :
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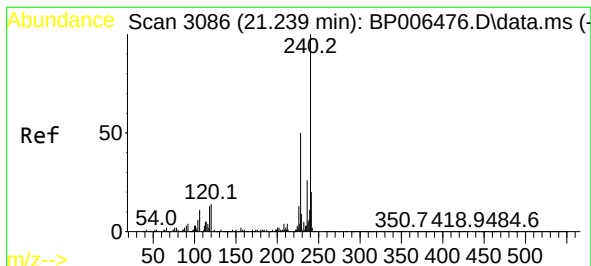
Tgt Ion:188 Resp: 729315
Ion Ratio Lower Upper
188 100
94 11.4 5.6 8.4#
80 13.6 6.3 9.5#



#75
Fluoranthene
Concen: 2.376 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Tgt Ion:202 Resp: 109701
Ion Ratio Lower Upper
202 100
101 13.5 0.0 27.6
203 18.5 0.0 37.8

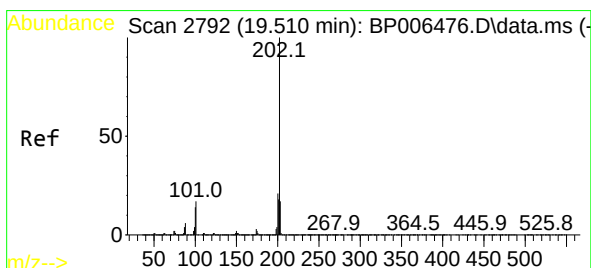
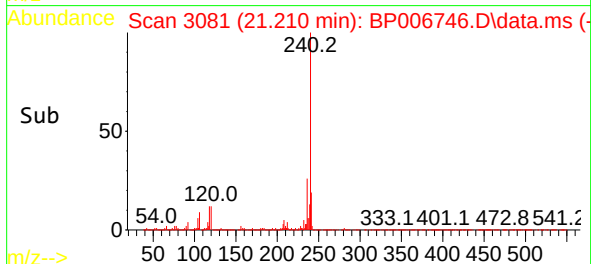
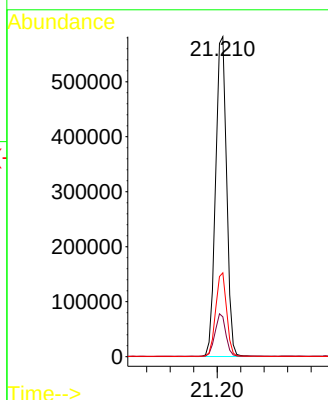
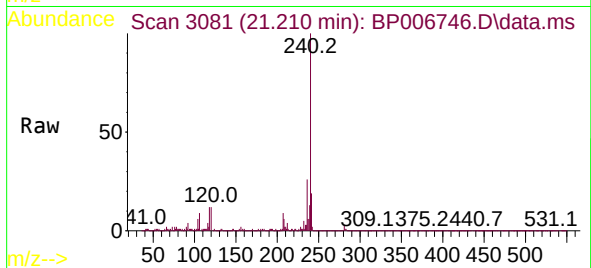




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.000 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

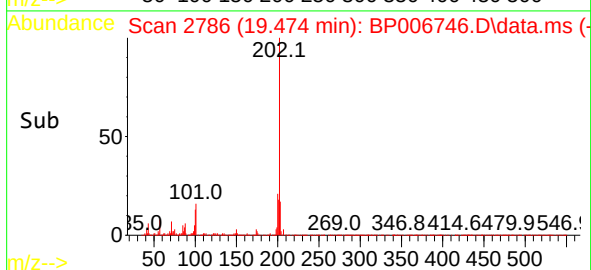
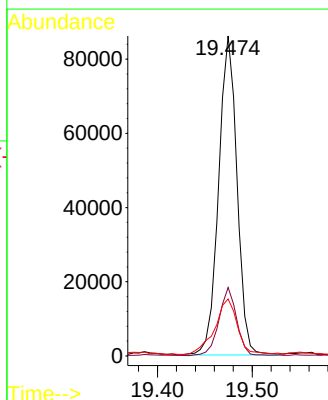
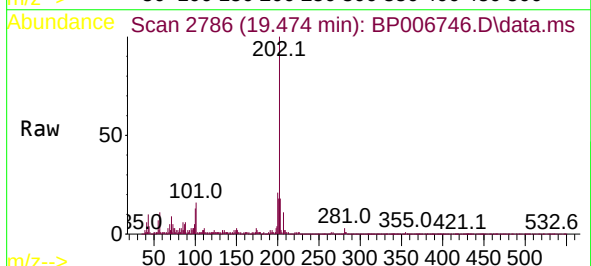
Instrument :
BNA_P
ClientSampled :
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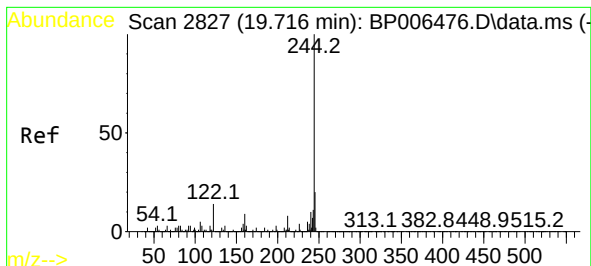
Tgt Ion:240 Resp: 756356
Ion Ratio Lower Upper
240 100
120 12.5 6.5 9.7#
236 26.2 20.6 31.0



#78
Pyrene
Concen: 2.305 ng
RT: 19.474 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Tgt Ion:202 Resp: 116444
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 54.045 ng

RT: 19.680 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP006746.D

Acq: 18 Aug 2021 15:48

Instrument :

BNA_P

ClientSampleId :

6

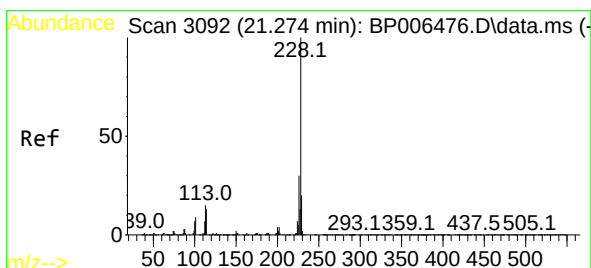
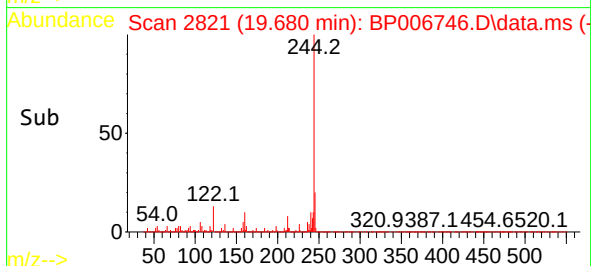
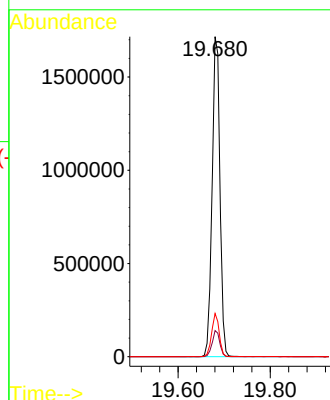
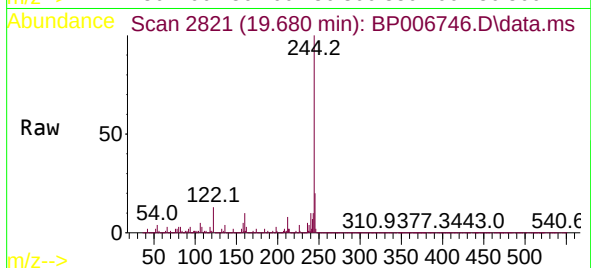
Tgt Ion:244 Resp: 2039987

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

122 13.5 7.1 10.7#



#83

Chrysene

Concen: 2.306 ng

RT: 21.245 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BP006746.D

Acq: 18 Aug 2021 15:48

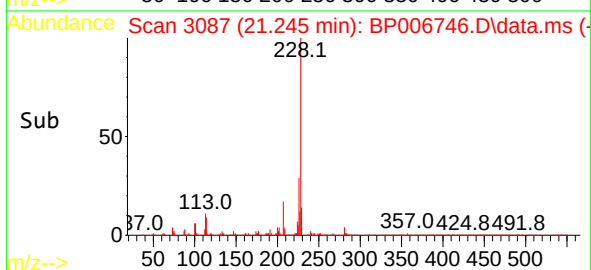
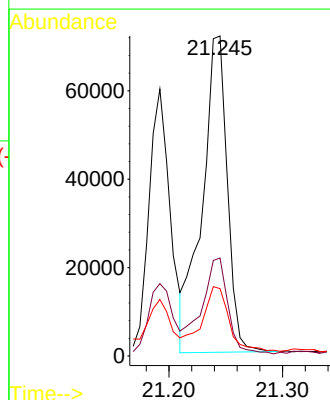
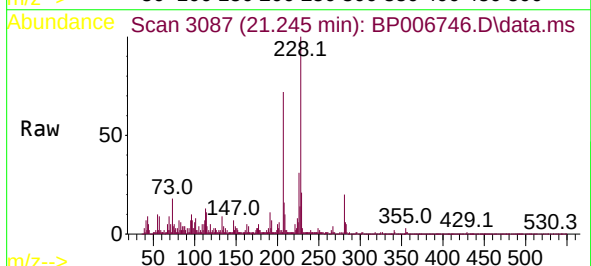
Tgt Ion:228 Resp: 110521

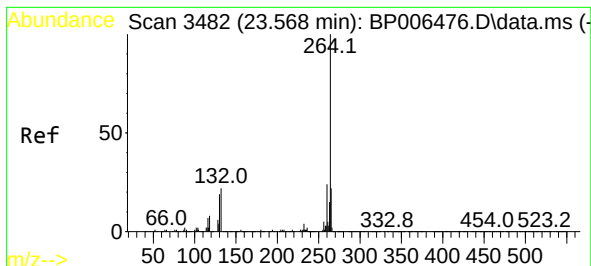
Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

229 21.1 15.4 23.2

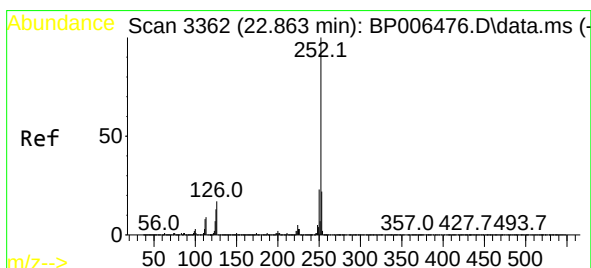
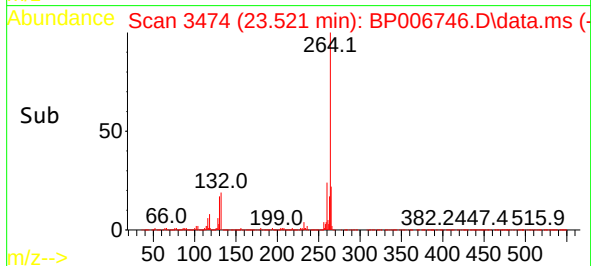
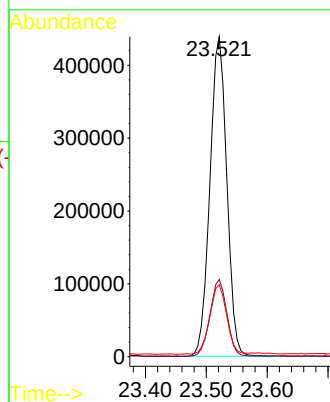
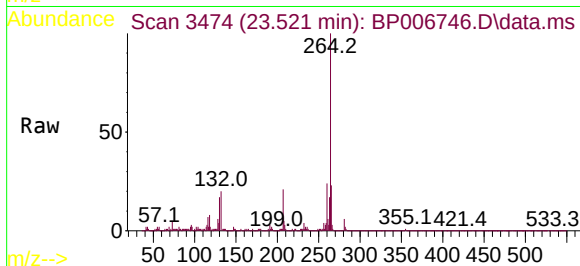




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

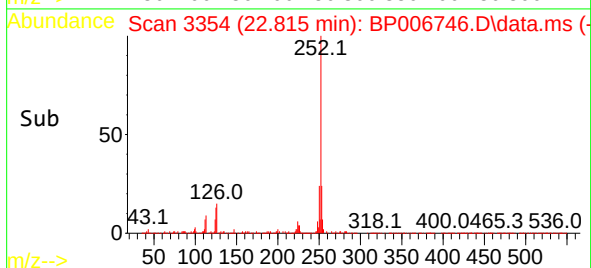
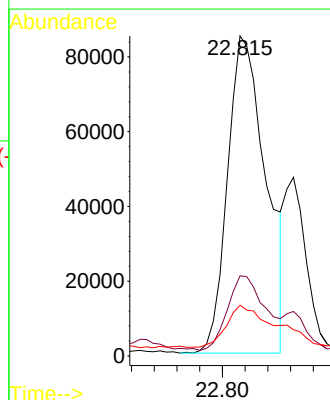
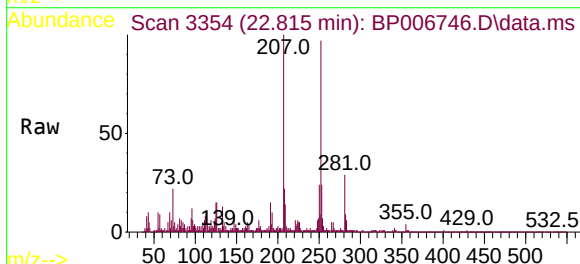
Instrument :
BNA_P
ClientSampled :
6

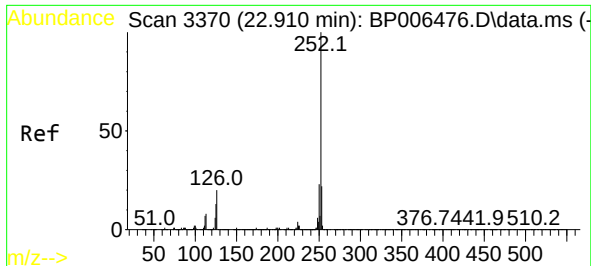
Tgt Ion:264 Resp: 843577
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.628 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BP006746.D
Acq: 18 Aug 2021 15:48

Tgt Ion:252 Resp: 198885
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 15.8 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 3.778 ng

RT: 22.815 min Scan# 3354

Delta R.T. -0.059 min

Lab File: BP006746.D

Acq: 18 Aug 2021 15:48

Instrument :

BNA_P

ClientSampled :

6

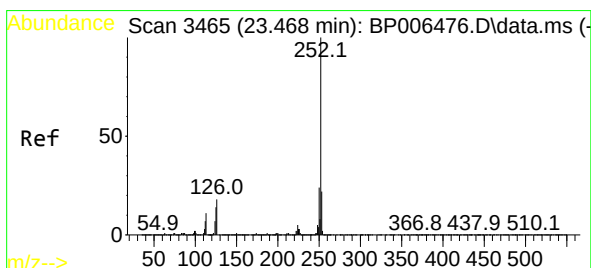
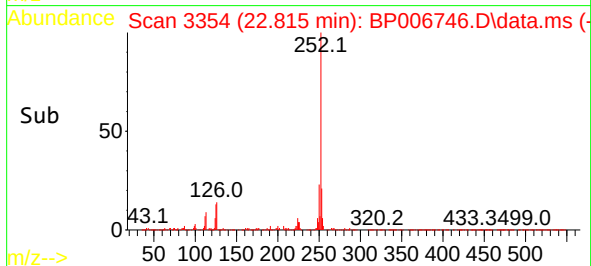
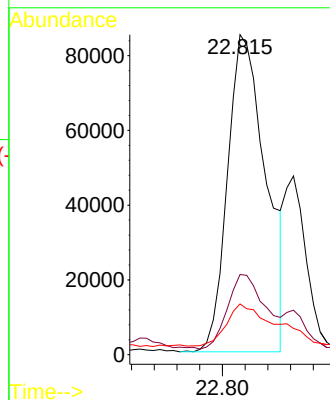
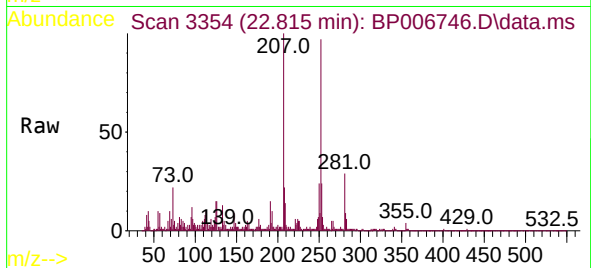
Tgt Ion:252 Resp: 198885

Ion Ratio Lower Upper

252 100

253 25.1 17.6 26.4

125 15.8 6.0 9.0#



#90

Benzo(a)pyrene

Concen: 2.131 ng

RT: 23.415 min Scan# 3456

Delta R.T. -0.006 min

Lab File: BP006746.D

Acq: 18 Aug 2021 15:48

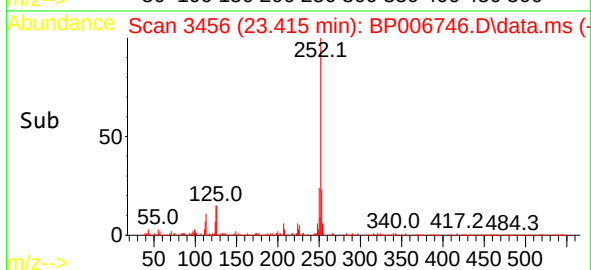
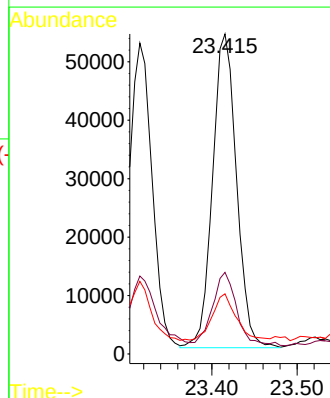
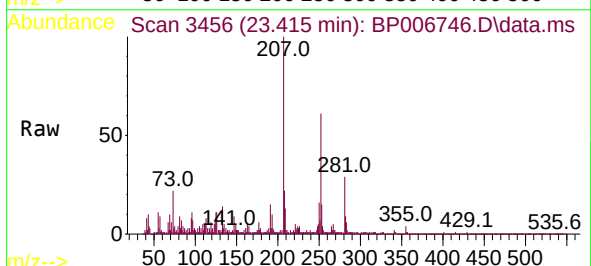
Tgt Ion:252 Resp: 104813

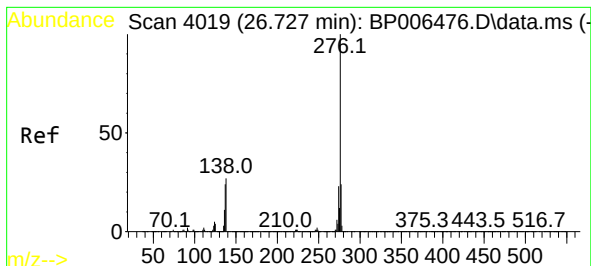
Ion Ratio Lower Upper

252 100

253 25.5 17.9 26.9

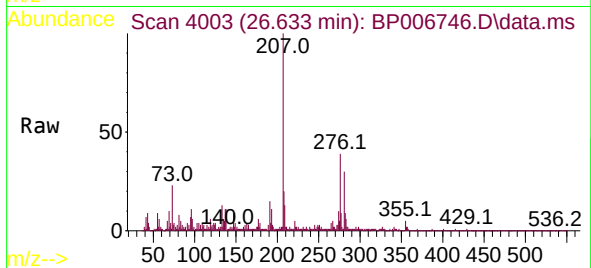
125 18.8 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.376 ng
 RT: 26.633 min Scan# 4003
 Delta R.T. -0.024 min
 Lab File: BP006746.D
 Acq: 18 Aug 2021 15:48

Instrument :
 BNA_P
 ClientSampleId :
 6



Tgt Ion:	276	Resp:	120397
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	27.4	12.6	18.8#

