

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006798.D
 Acq On : 20 Aug 2021 13:50
 Operator : CG/JU
 Sample : M3397-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 20 14:29:16 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)

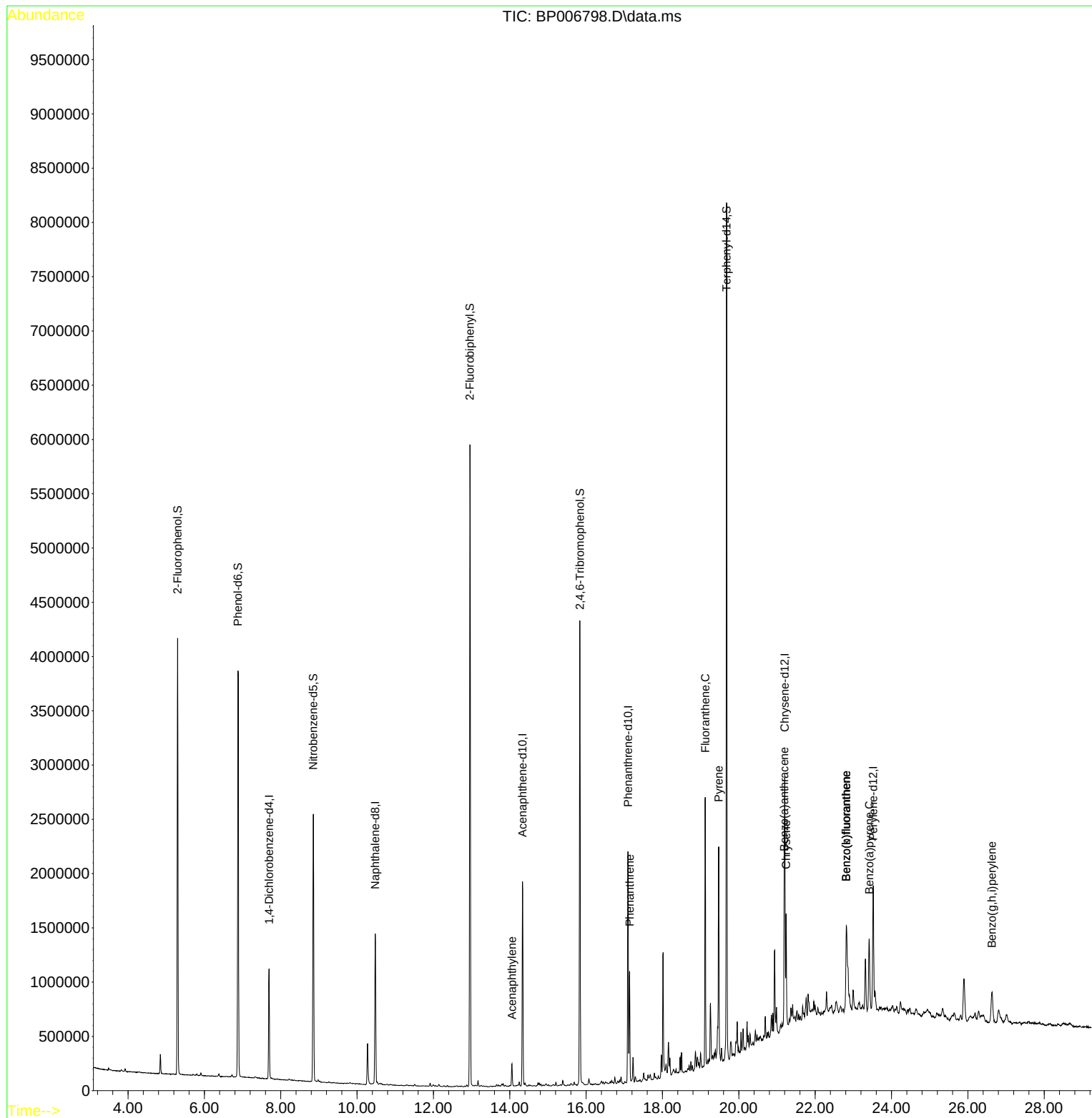
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	252929	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	1088164	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	612232	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	1150971	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	780661	20.000	ng	# 0.00
86) Perylene-d12	23.522	264	746135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1653628	100.419	ng	0.00
7) Phenol-d6	6.881	99	2148516	91.848	ng	0.00
23) Nitrobenzene-d5	8.852	82	1506556	63.905	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	665677	104.036	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2666117	65.153	ng	0.00
79) Terphenyl-d14	19.681	244	3134524	80.456	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.057	152	146358	2.544	ng	99
71) Phenanthrene	17.140	178	552430	8.509	ng	100
75) Fluoranthene	19.122	202	1327649	18.220	ng	95
78) Pyrene	19.475	202	1118136	21.443	ng	99
81) Benzo(a)anthracene	21.186	228	491637	9.636	ng	96
83) Chrysene	21.239	228	498982	10.088	ng	97
88) Benzo(b)fluoranthene	22.816	252	662062	13.653	ng	# 94
89) Benzo(k)fluoranthene	22.816	252	662062	14.220	ng	# 94
90) Benzo(a)pyrene	23.416	252	423857	9.745	ng	# 94
92) Benzo(g,h,i)perylene	26.627	276	338724	7.556	ng	# 90

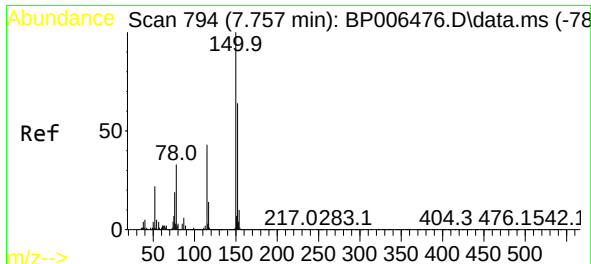
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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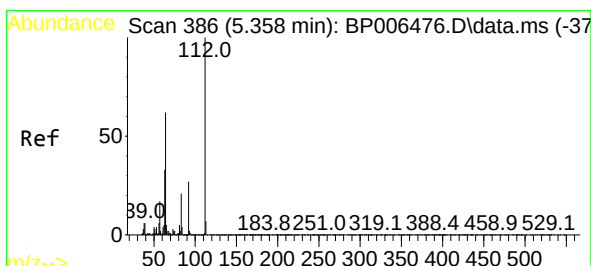
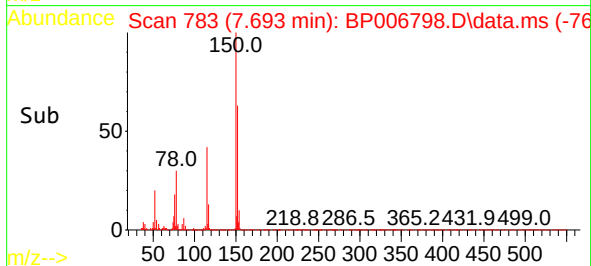
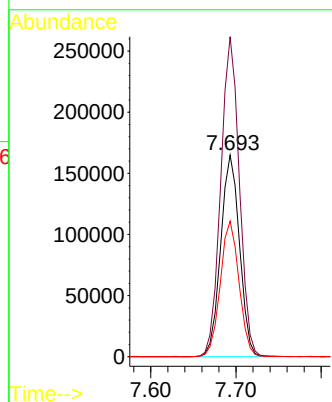
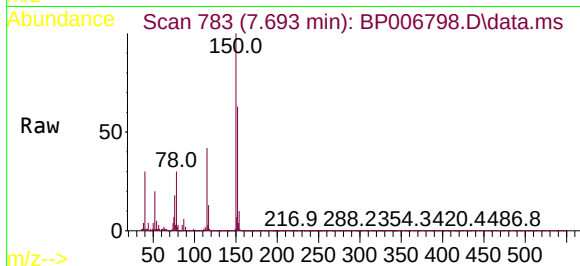




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

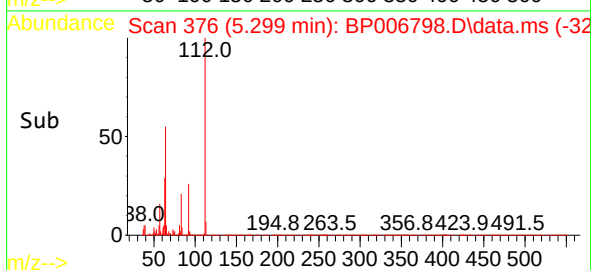
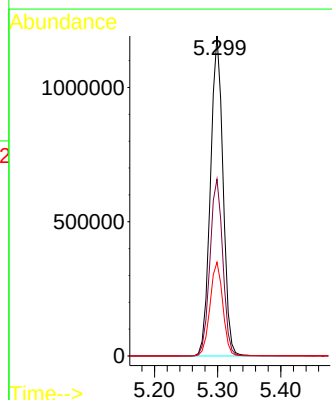
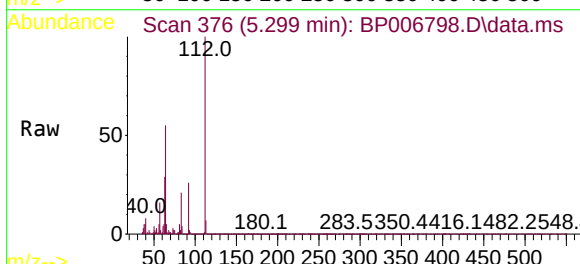
Instrument :
BNA_P
ClientSampleId :

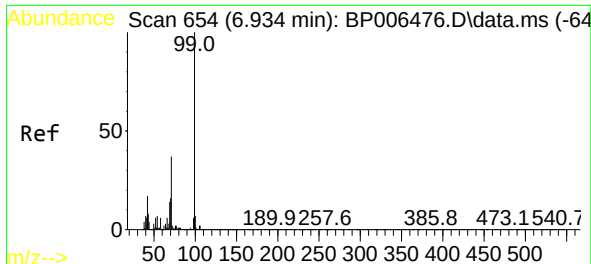
Tgt Ion:152 Resp: 252929
Ion Ratio Lower Upper
152 100
150 158.7 125.6 188.4
115 67.2 48.5 72.7



#5
2-Fluorophenol
Concen: 100.419 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:112 Resp: 1653628
Ion Ratio Lower Upper
112 100
64 55.3 41.4 62.2
63 29.3 23.8 35.8

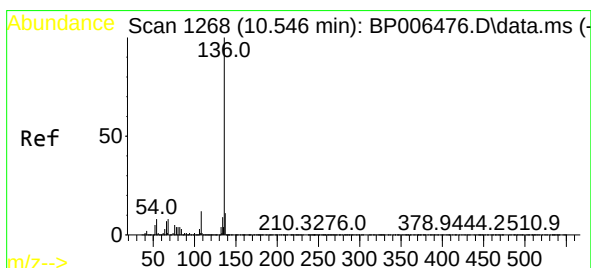
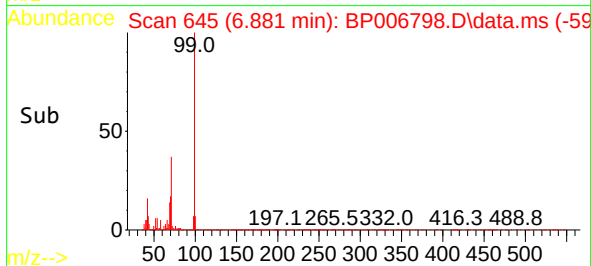
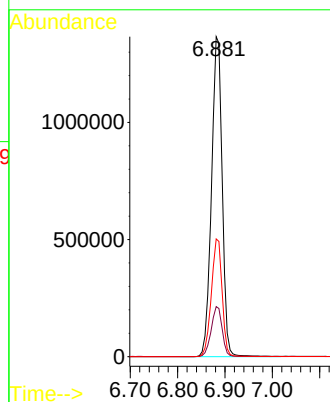
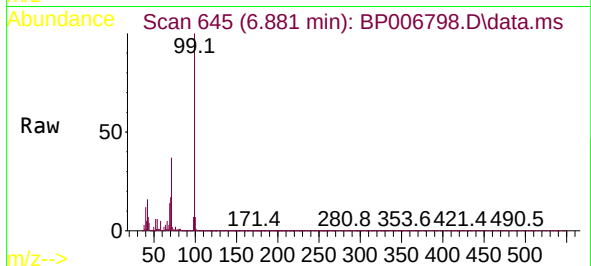




#7
Phenol-d6
Concen: 91.848 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

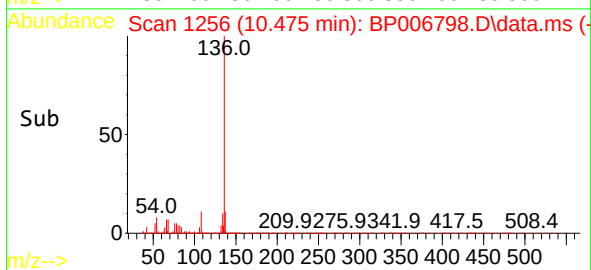
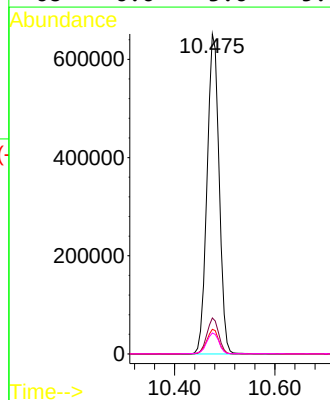
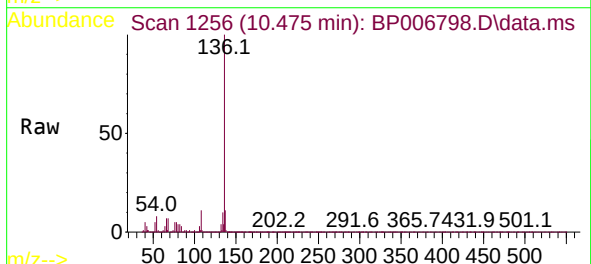
Instrument :
BNA_P
ClientSampled :

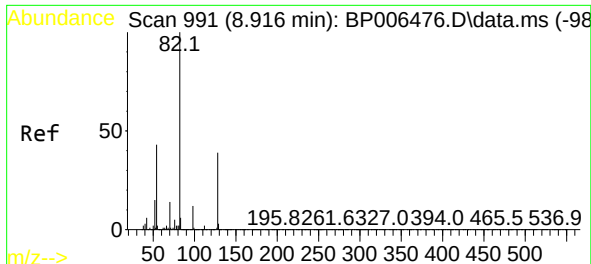
Tgt Ion: 99 Resp: 2148516
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:136 Resp: 1088164
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.7 4.6 6.8#
68 6.6 3.6 5.4#

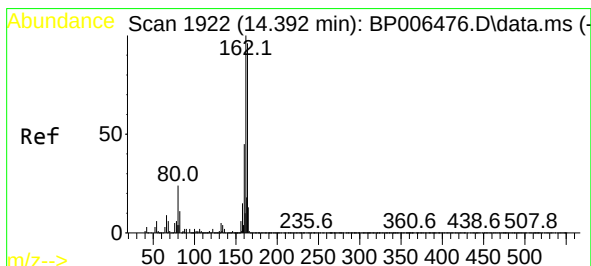
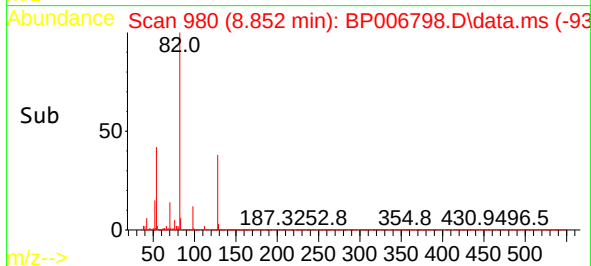
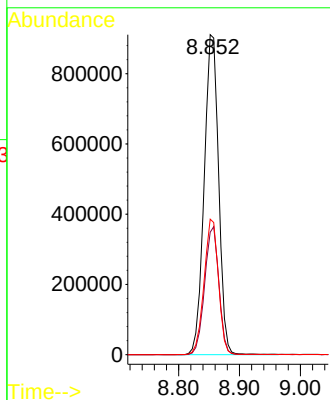
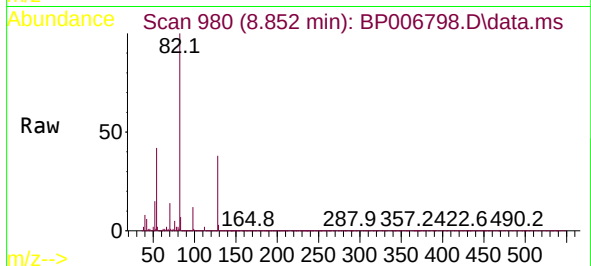




#23
Nitrobenzene-d5
Concen: 63.905 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

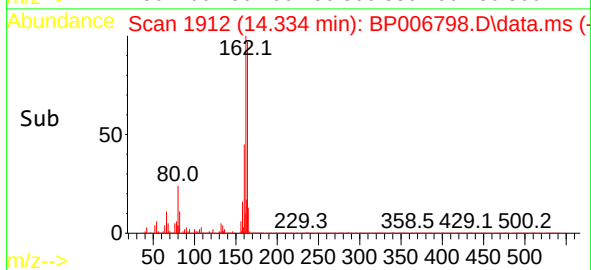
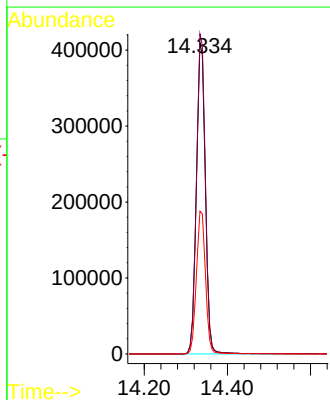
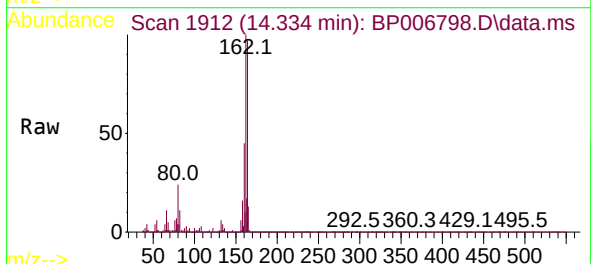
Instrument :
BNA_P
ClientSampleId :

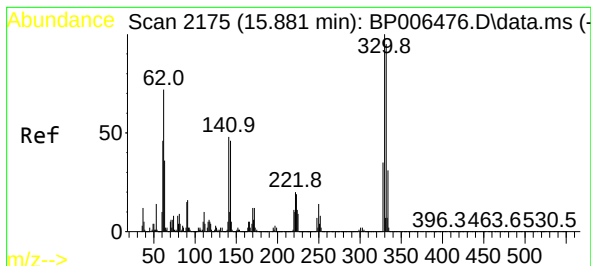
Tgt Ion: 82 Resp: 1506556
Ion Ratio Lower Upper
82 100
128 38.3 35.7 53.5
54 42.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion: 164 Resp: 612232
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 45.9 34.5 51.7

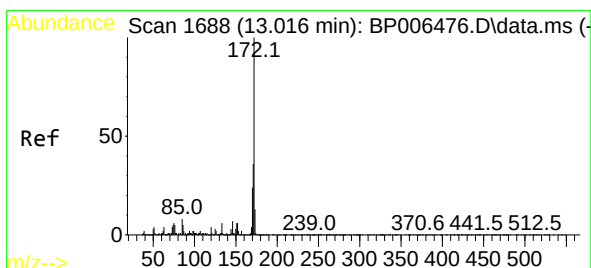
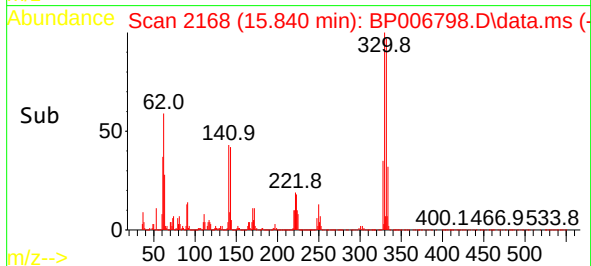
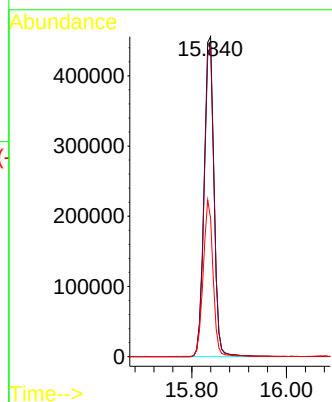
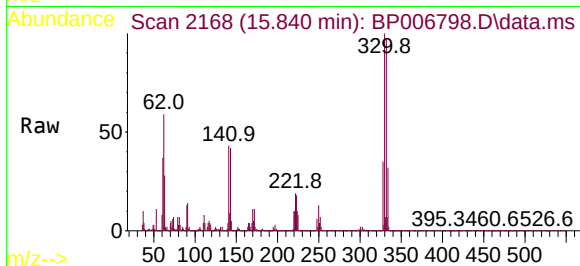




#42
2,4,6-Tribromophenol
Concen: 104.036 ng
RT: 15.840 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

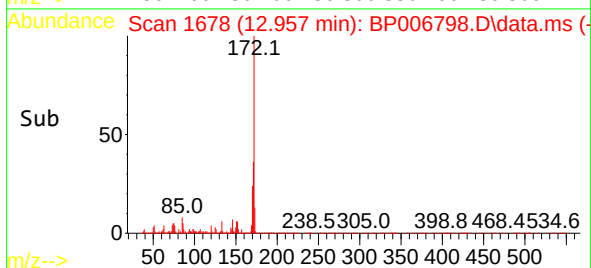
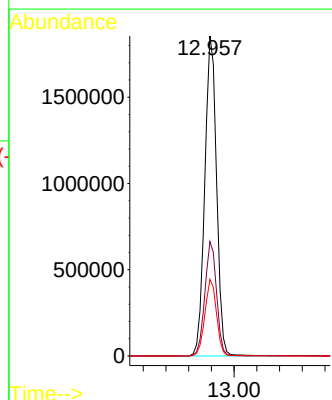
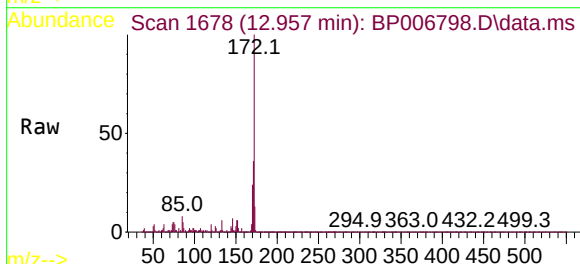
Instrument :
BNA_P
ClientSampleId :

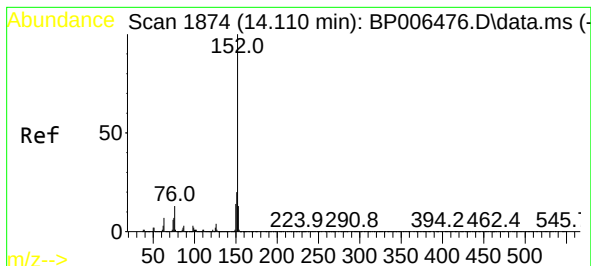
Tgt Ion:330 Resp: 665677
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 48.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 65.153 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:172 Resp: 2666117
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.9 18.6 27.8





#49

Acenaphthylene

Concen: 2.544 ng

RT: 14.057 min Scan# 1865

Delta R.T. 0.000 min

Lab File: BP006798.D

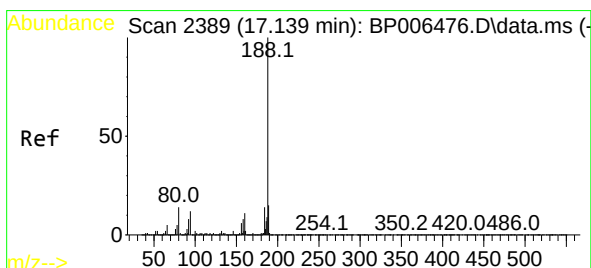
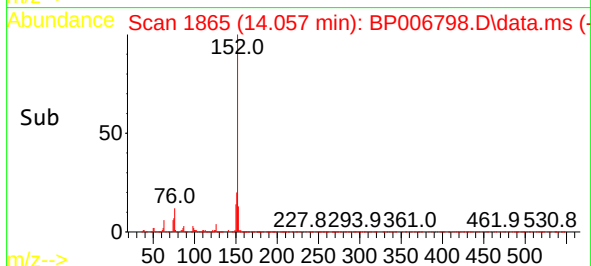
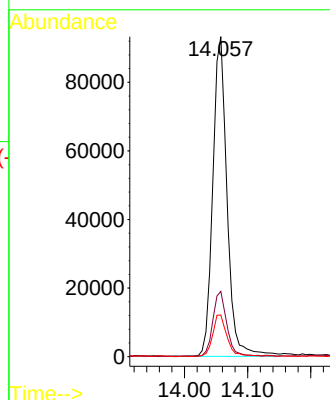
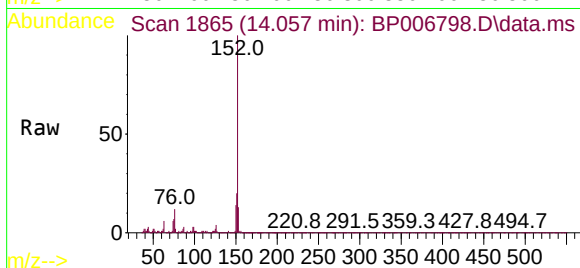
Acq: 20 Aug 2021 13:50

Instrument :

BNA_P

ClientSampled :

Tgt Ion:152	Resp: 146358
Ion Ratio	Lower Upper
152	100
151	20.4 16.2 24.2
153	13.0 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

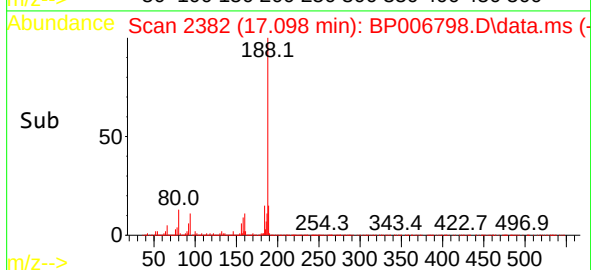
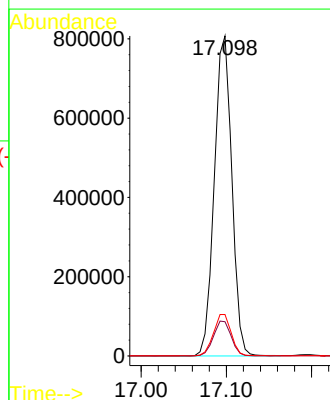
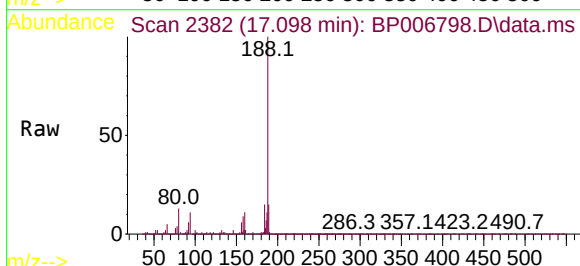
RT: 17.098 min Scan# 2382

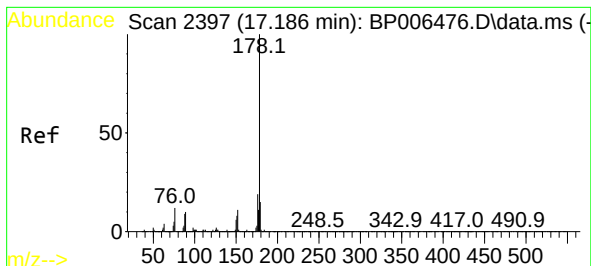
Delta R.T. 0.000 min

Lab File: BP006798.D

Acq: 20 Aug 2021 13:50

Tgt Ion:188	Resp: 1150971
Ion Ratio	Lower Upper
188	100
94	10.7 5.6 8.4#
80	13.0 6.3 9.5#

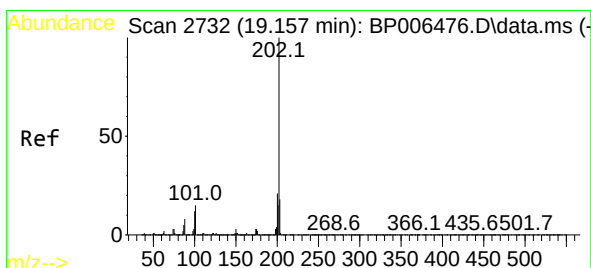
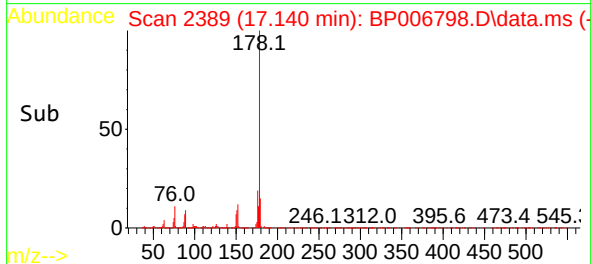
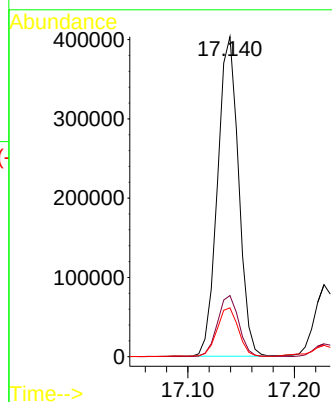
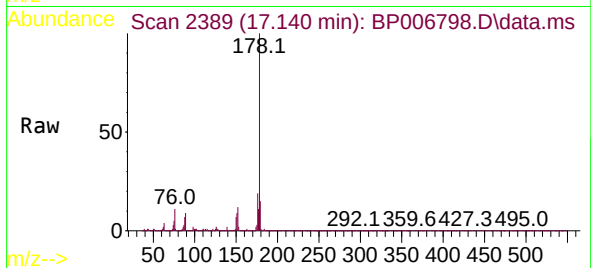




#71
Phenanthrene
Concen: 8.509 ng
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

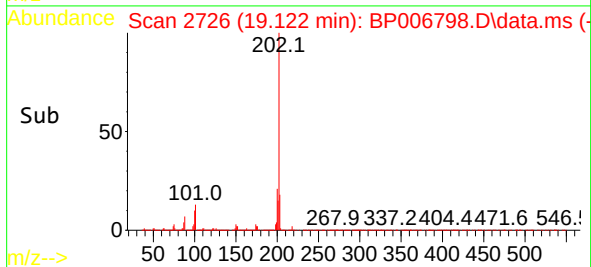
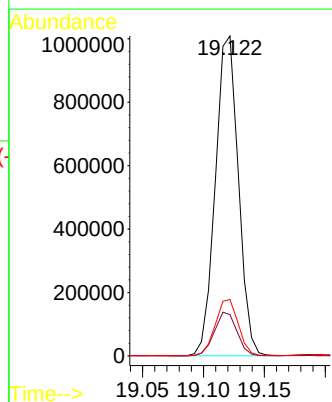
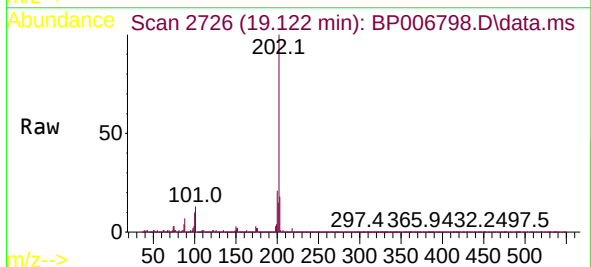
Instrument :
BNA_P
ClientSampleId :

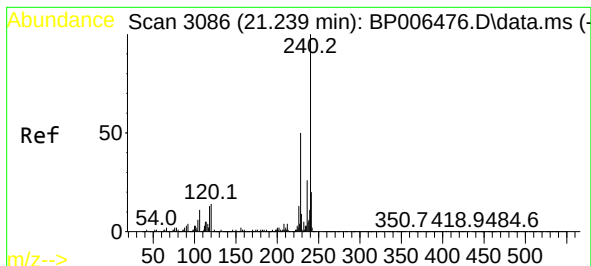
Tgt Ion:178 Resp: 552430
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.3 12.4 18.6



#75
Fluoranthene
Concen: 18.220 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:202 Resp: 1327649
Ion Ratio Lower Upper
202 100
101 12.9 0.0 27.6
203 17.6 0.0 37.8

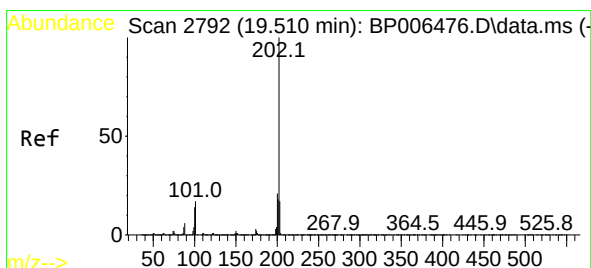
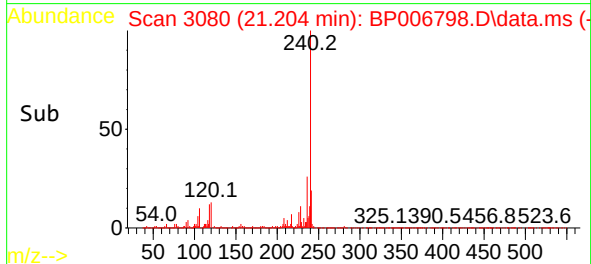
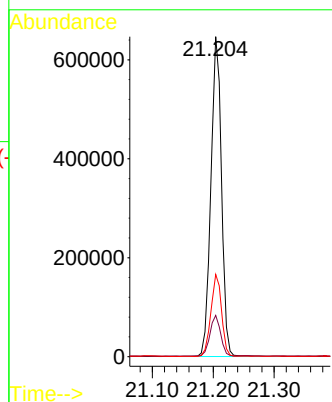
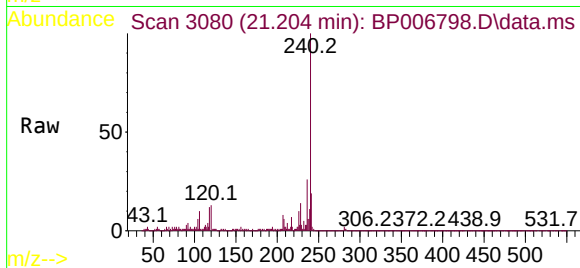




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

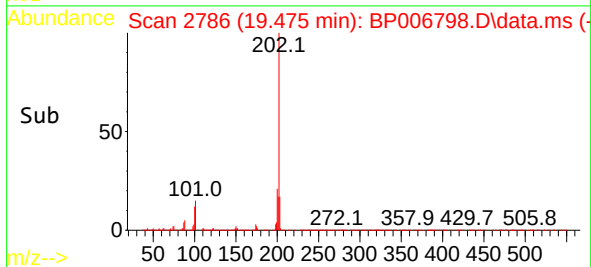
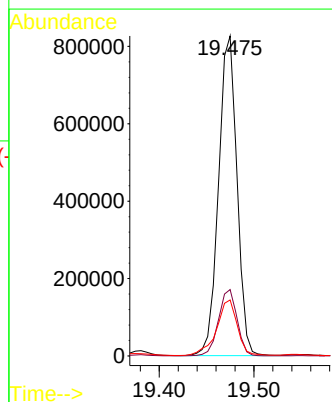
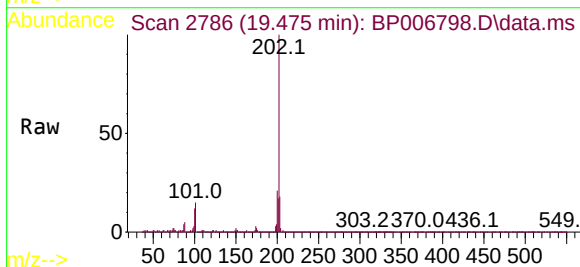
Instrument :
BNA_P
ClientSampled :

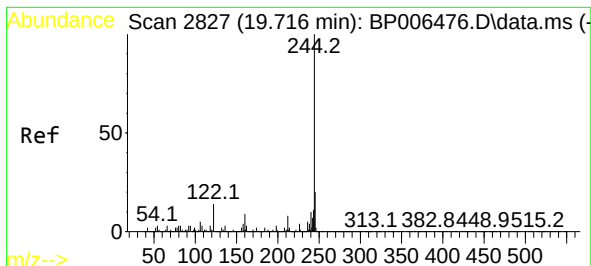
Tgt Ion:240 Resp: 780661
Ion Ratio Lower Upper
240 100
120 12.9 6.5 9.7#
236 25.7 20.6 31.0



#78
Pyrene
Concen: 21.443 ng
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:202 Resp: 1118136
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 80.456 ng

RT: 19.681 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BP006798.D

Acq: 20 Aug 2021 13:50

Instrument :

BNA_P

ClientSampleId :

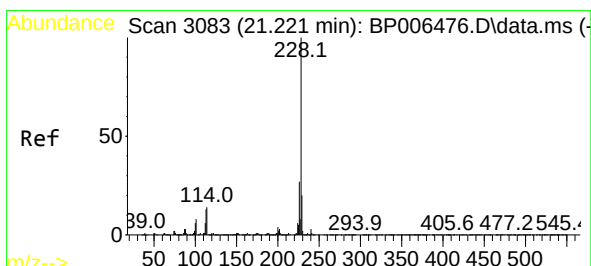
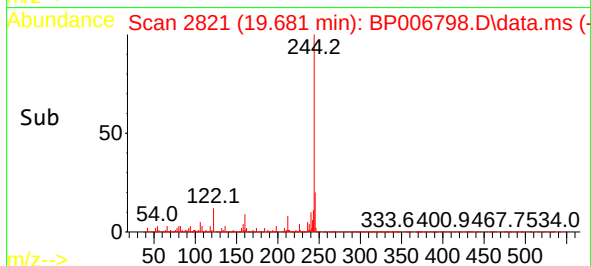
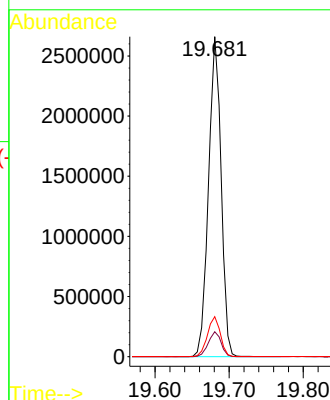
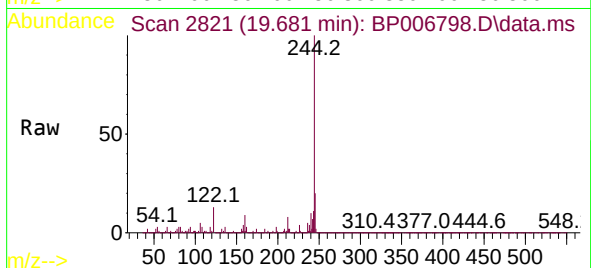
Tgt Ion:244 Resp: 3134524

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 12.5 7.1 10.7#



#81

Benzo(a)anthracene

Concen: 9.636 ng

RT: 21.186 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BP006798.D

Acq: 20 Aug 2021 13:50

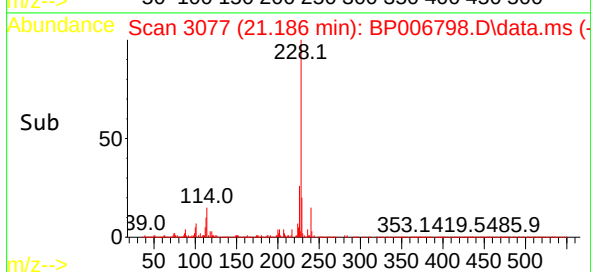
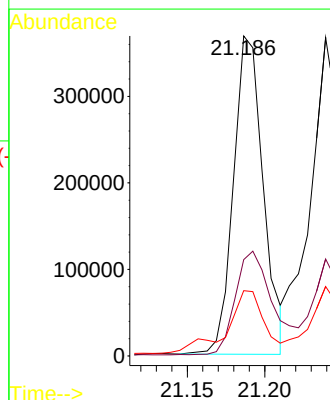
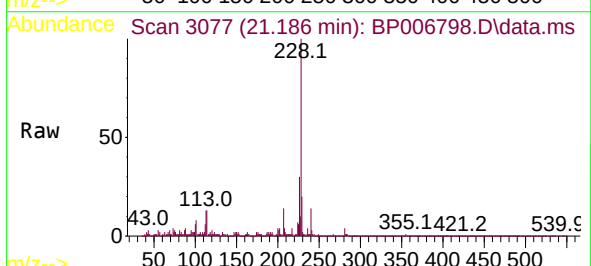
Tgt Ion:228 Resp: 491637

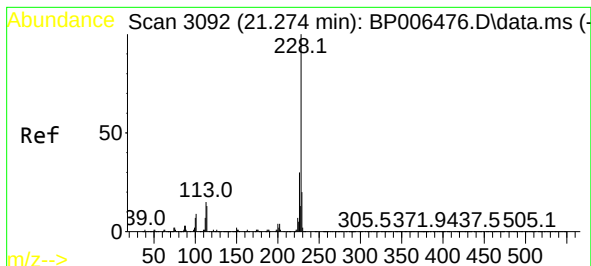
Ion Ratio Lower Upper

228 100

226 30.1 21.6 32.4

229 20.4 15.8 23.6





#83

Chrysene

Concen: 10.088 ng

RT: 21.239 min Scan# 3086

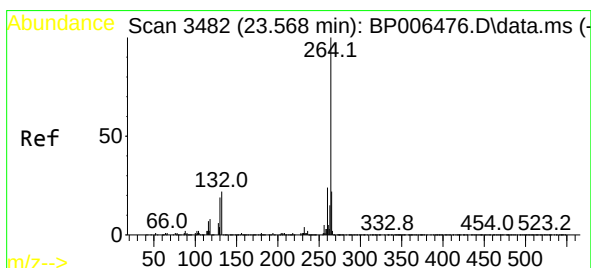
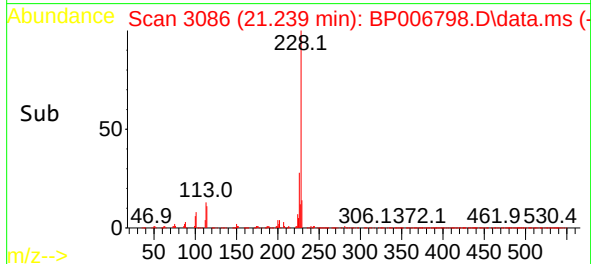
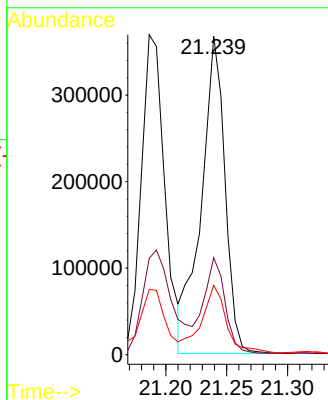
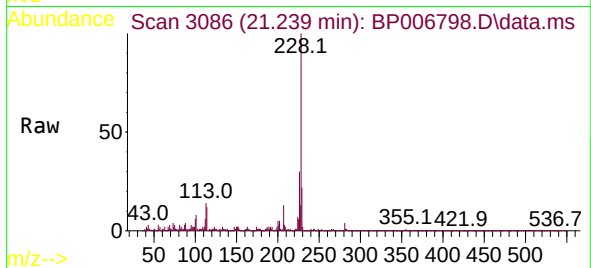
Delta R.T. -0.006 min

Lab File: BP006798.D

Acq: 20 Aug 2021 13:50

Tgt Ion:	228	Resp:	498982
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.8	35.6
229	21.8	15.4	23.2

Instrument :
BNA_P
ClientSampleId :



#86

Perylene-d12

Concen: 20.000 ng

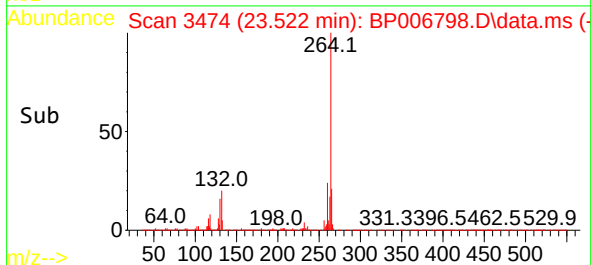
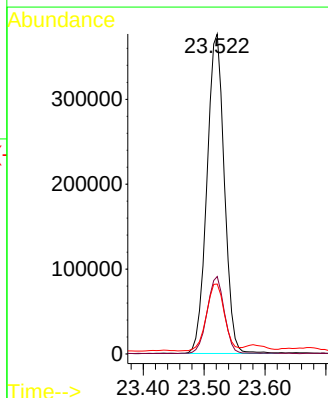
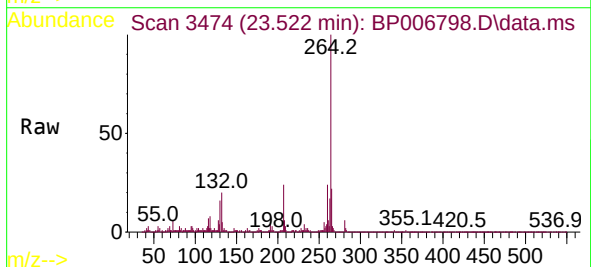
RT: 23.522 min Scan# 3474

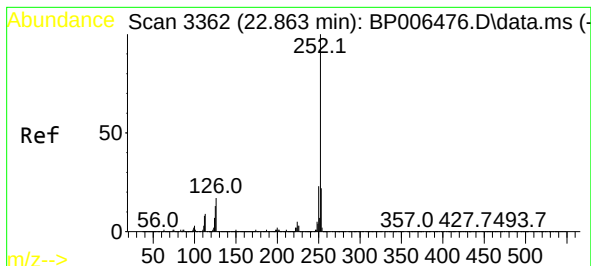
Delta R.T. 0.006 min

Lab File: BP006798.D

Acq: 20 Aug 2021 13:50

Tgt Ion:	264	Resp:	746135
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.6	28.0
265	21.9	17.6	26.4





#88

Benzo(b)fluoranthene

Concen: 13.653 ng

RT: 22.816 min Scan# 3354

Delta R.T. 0.000 min

Lab File: BP006798.D

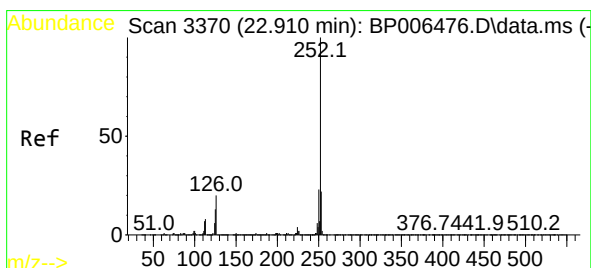
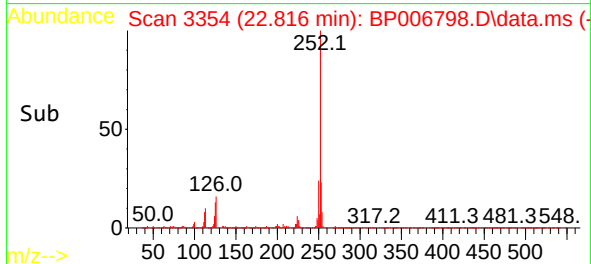
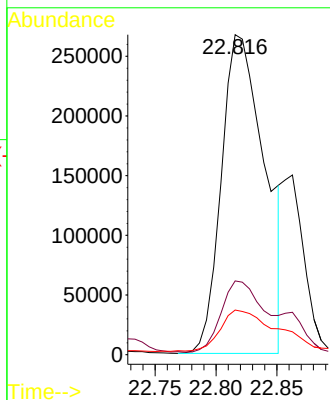
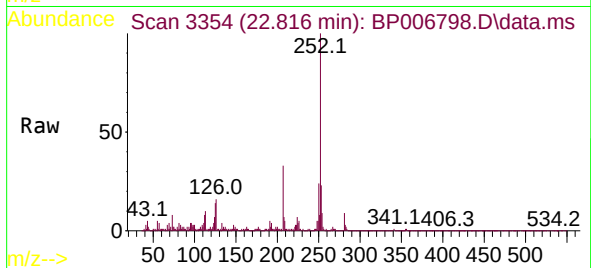
Acq: 20 Aug 2021 13:50

Instrument :

BNA_P

ClientSampled :

Tgt Ion:252 Resp: 662062
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.5 26.3
 125 13.9 6.2 9.4#



#89

Benzo(k)fluoranthene

Concen: 14.220 ng

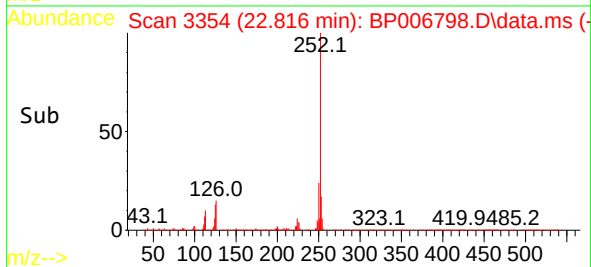
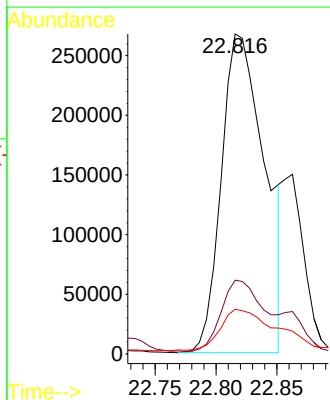
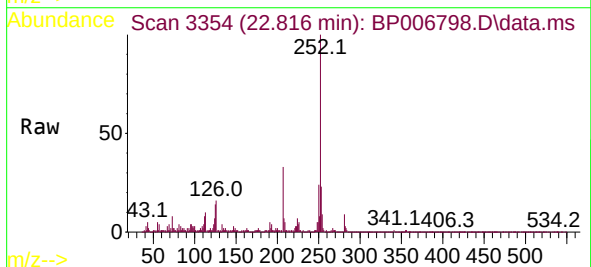
RT: 22.816 min Scan# 3354

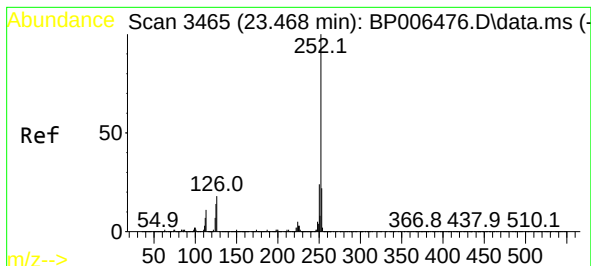
Delta R.T. -0.047 min

Lab File: BP006798.D

Acq: 20 Aug 2021 13:50

Tgt Ion:252 Resp: 662062
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.6 26.4
 125 13.9 6.0 9.0#

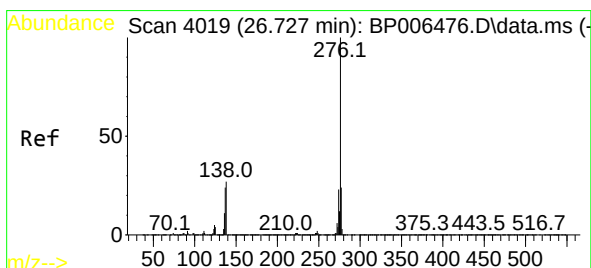
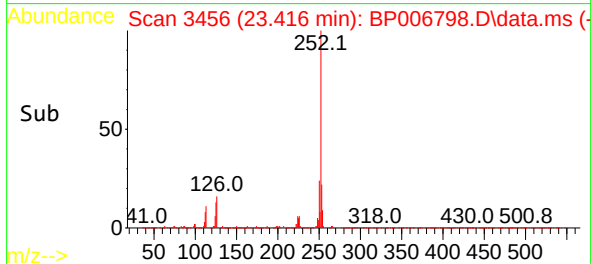
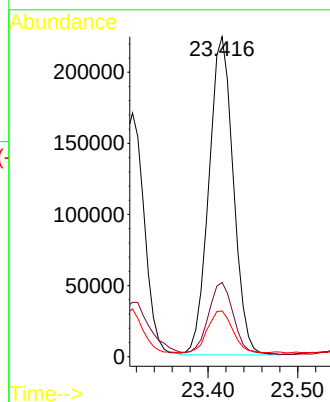
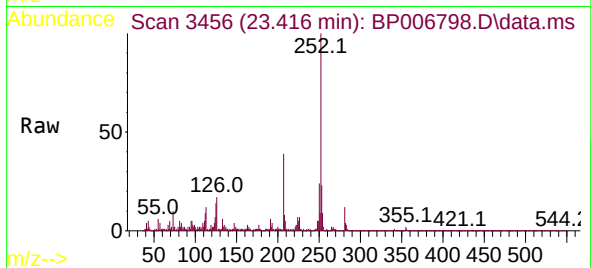




#90
Benzo(a)pyrene
Concen: 9.745 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Instrument :
BNA_P
ClientSampled :

Tgt Ion:252 Resp: 423857
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 14.3 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 7.556 ng
RT: 26.627 min Scan# 4002
Delta R.T. -0.011 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:276 Resp: 338724
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 25.4 12.6 18.8#

