

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
 Data File : BP006524.D
 Acq On : 06 Aug 2021 01:28
 Operator : CG/JU
 Sample : M3281-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP03

Quant Time: Aug 06 02:22:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:41:30 2021
 Response via : Initial Calibration

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

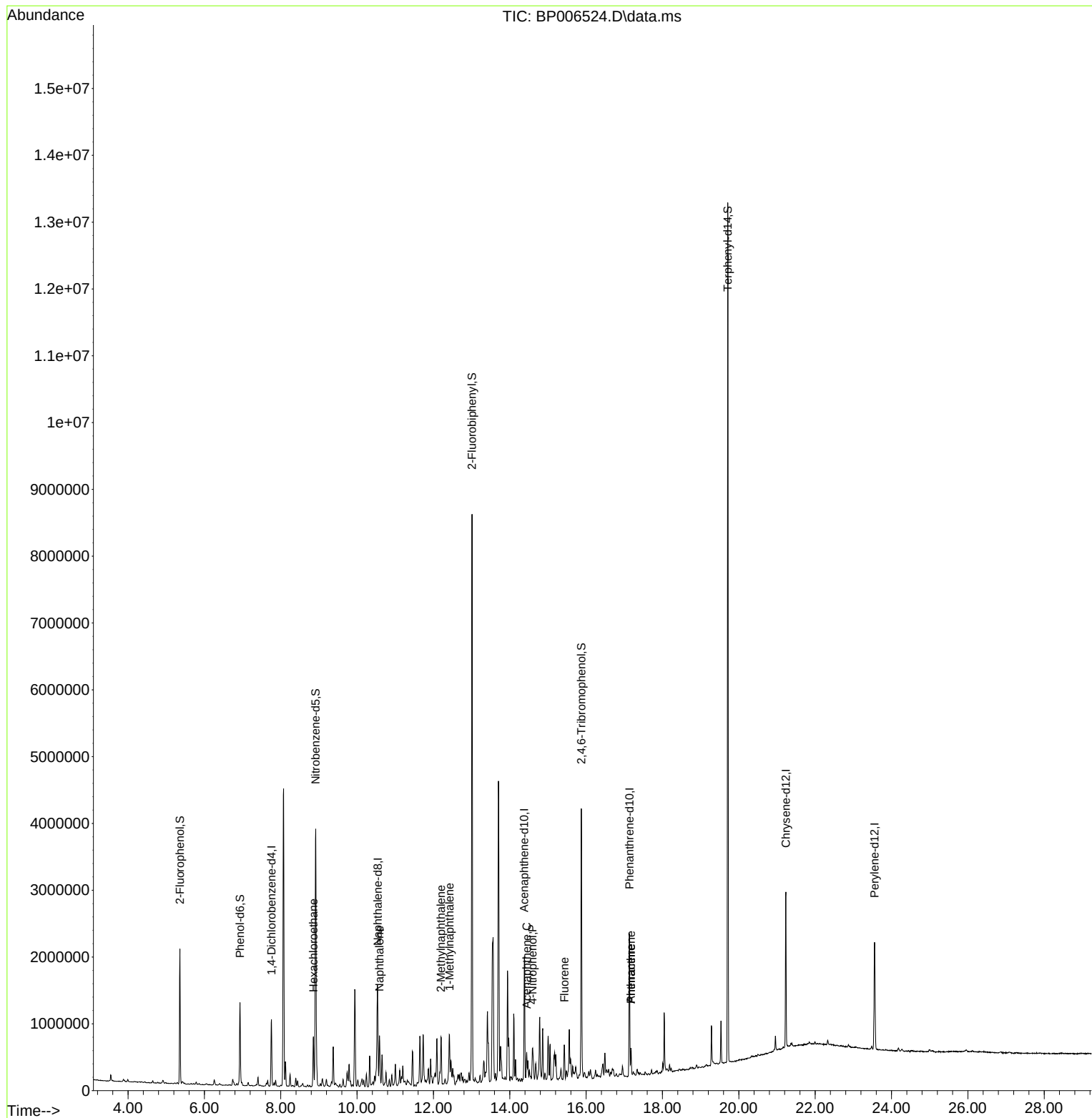
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	248799	20.00	ng	0.00
21) Naphthalene-d8	10.540	136	1026431	20.00	ng	# 0.00
39) Acenaphthene-d10	14.381	164	568990	20.00	ng	-0.01
64) Phenanthrene-d10	17.134	188	1089402	20.00	ng	# 0.00
76) Chrysene-d12	21.233	240	985355	20.00	ng	# 0.00
86) Perylene-d12	23.557	264	1026403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	790165	48.78	ng	0.00
7) Phenol-d6	6.934	99	646982	28.12	ng	0.00
23) Nitrobenzene-d5	8.916	82	2281743	102.61	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	604565	101.67	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3855921	101.39	ng	0.00
79) Terphenyl-d14	19.710	244	5510347	112.06	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.857	117	89299	12.17	ng	# 1
31) Naphthalene	10.587	128	234867	4.26	ng	# 91
37) 2-Methylnaphthalene	12.198	142	319447	8.55	ng	99
38) 1-Methylnaphthalene	12.422	142	302441	8.52	ng	98
52) Acenaphthene	14.445	154	106313	3.27	ng	99
56) 4-Nitrophenol	14.592	139	26876	3.02	ng	# 25
58) Fluorene	15.434	166	155104	3.79	ng	# 94
71) Phenanthrene	17.175	178	224759	3.66	ng	98
72) Anthracene	17.175	178	224759	3.79	ng	98

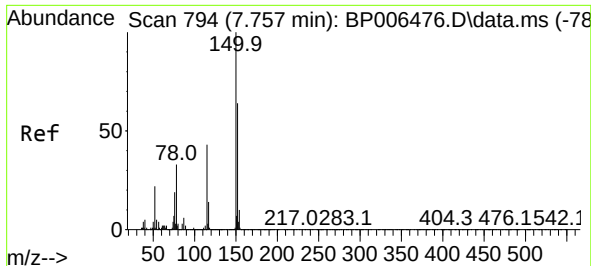
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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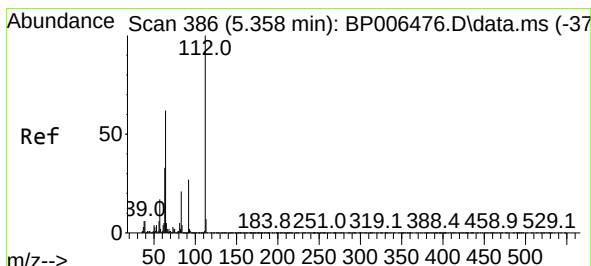
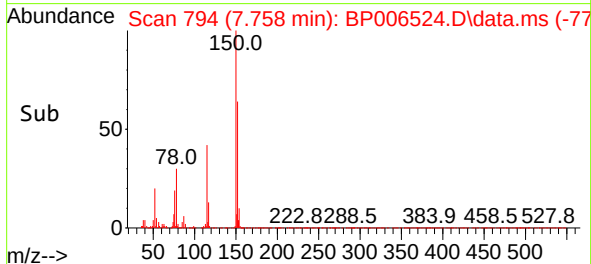
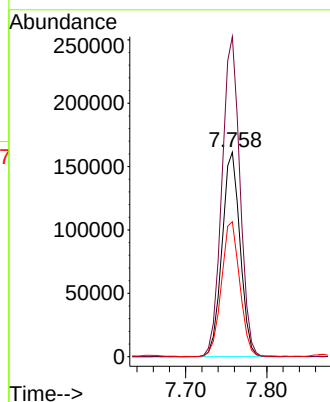
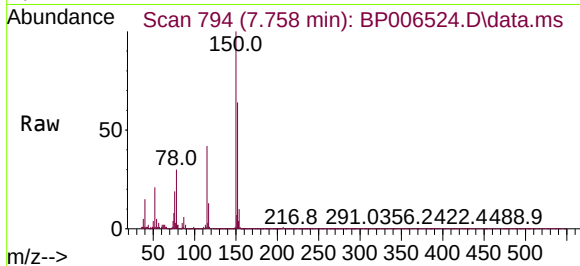




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.001 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

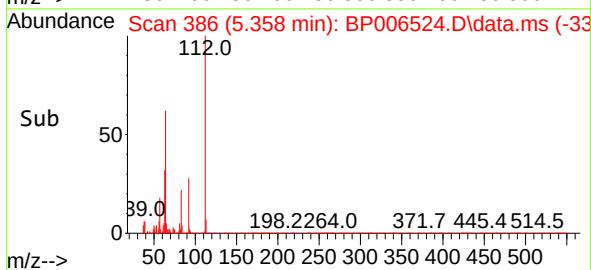
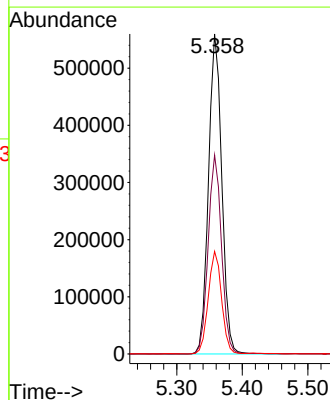
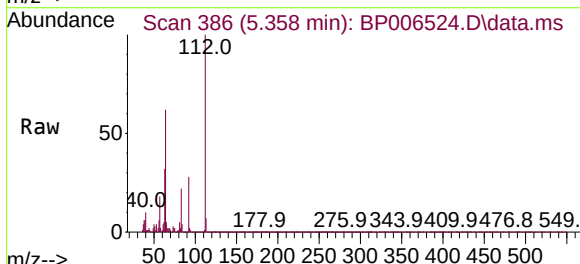
Instrument :
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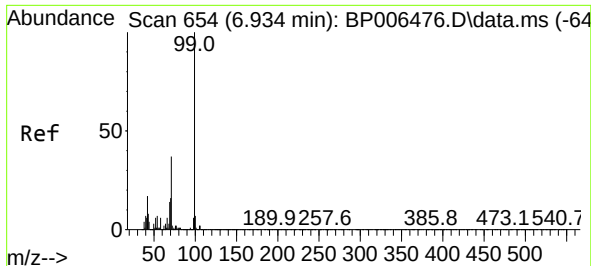
Tgt Ion:152 Resp: 248799
Ion Ratio Lower Upper
152 100
150 156.5 125.6 188.4
115 66.0 48.5 72.7



#5
2-Fluorophenol
Concen: 48.78 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion:112 Resp: 790165
Ion Ratio Lower Upper
112 100
64 62.1 41.4 62.2
63 32.1 23.8 35.8

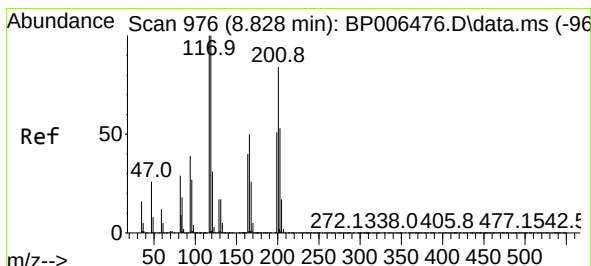
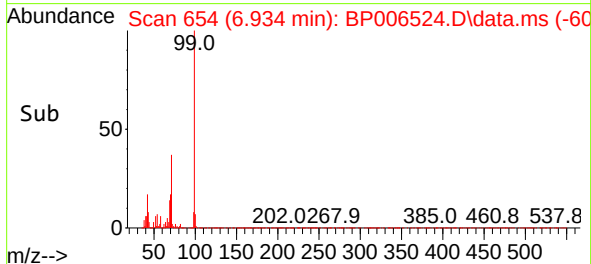
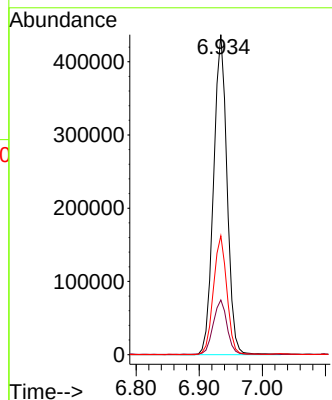
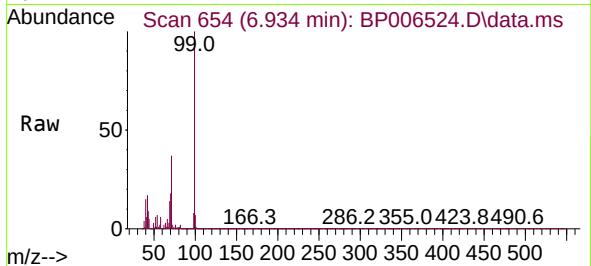




#7
Phenol-d6
Concen: 28.12 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

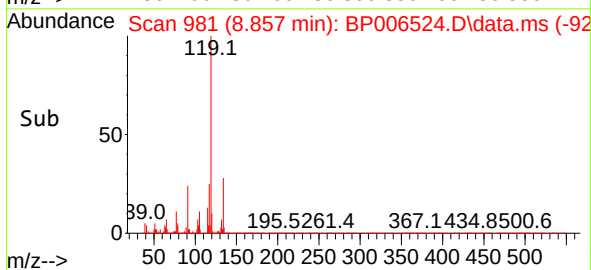
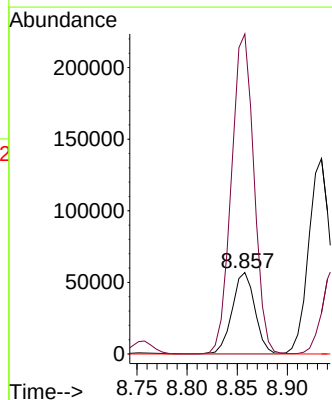
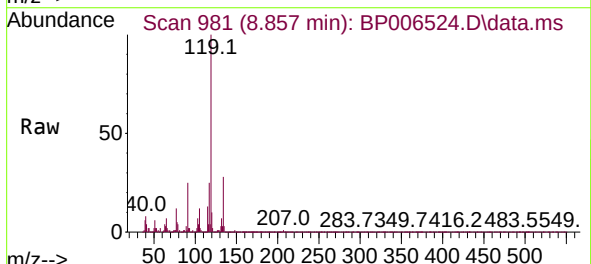
Instrument :
BNA_P
ClientSampleId :
TWP03

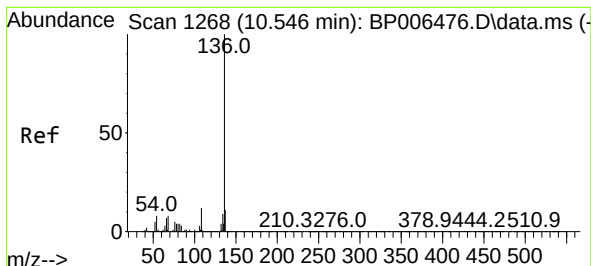
Tgt Ion: 99 Resp: 646982
Ion Ratio Lower Upper
99 100
42 17.1 13.4 20.0
71 37.2 30.6 46.0



#18
Hexachloroethane
Concen: 12.17 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.030 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion: 117 Resp: 89299
Ion Ratio Lower Upper
117 100
119 392.9 76.2 114.2#
201 0.0 83.4 125.0#



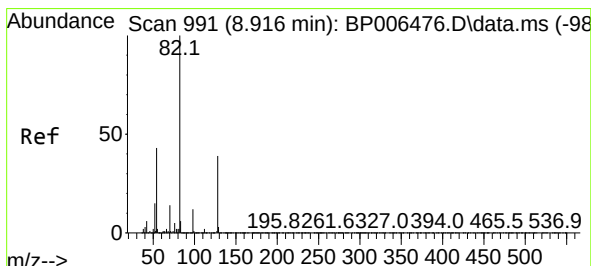
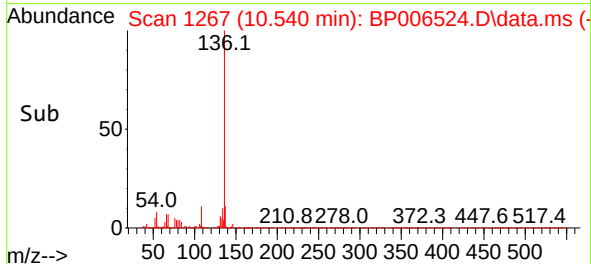
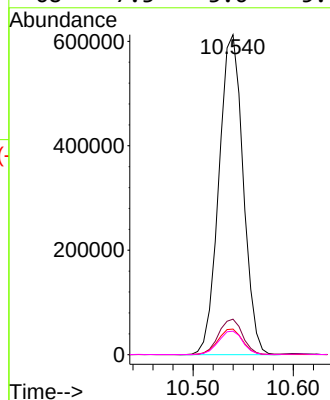
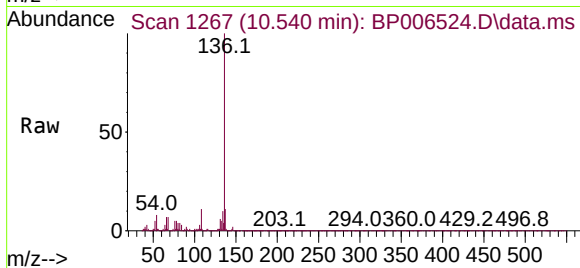


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Instrument :
BNA_P
ClientSampleId :
TWP03

Tgt Ion:136 Resp: 1026431

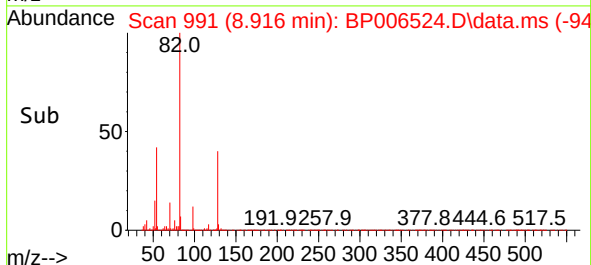
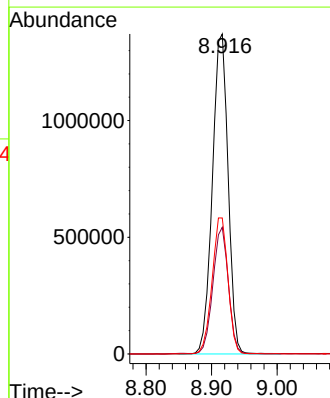
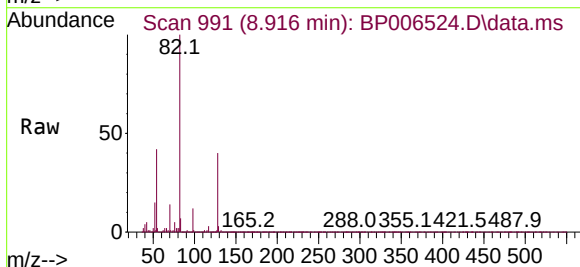
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.0	4.6	6.8#
68	7.3	3.6	5.4#

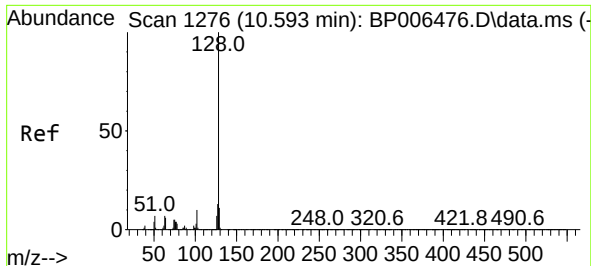


#23
Nitrobenzene-d5
Concen: 102.61 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion: 82 Resp: 2281743

Ion	Ratio	Lower	Upper
82	100		
128	39.6	35.7	53.5
54	42.5	35.0	52.4

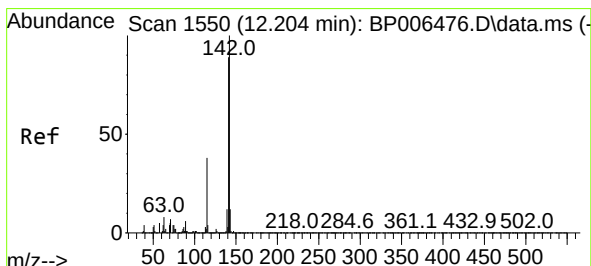
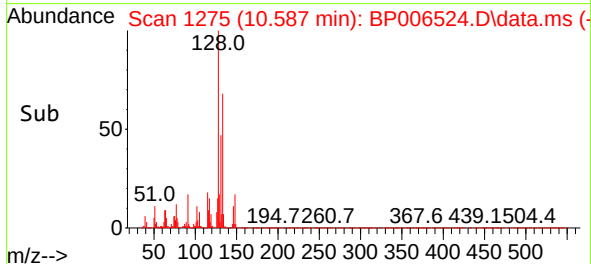
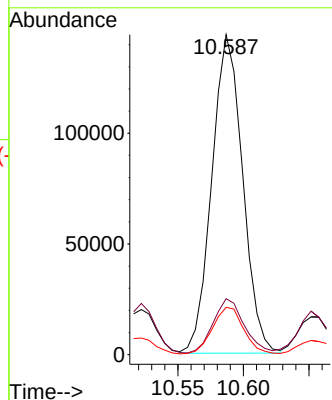
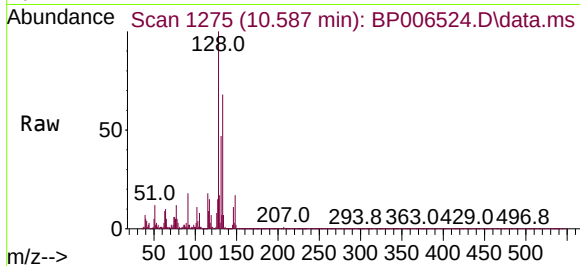




#31
Naphthalene
Concen: 4.26 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

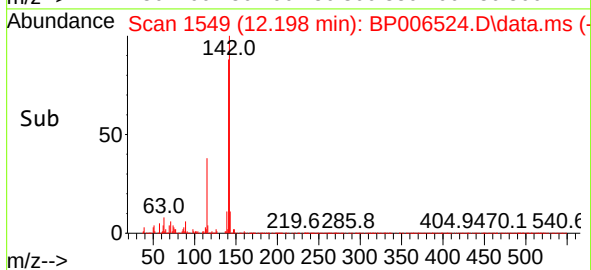
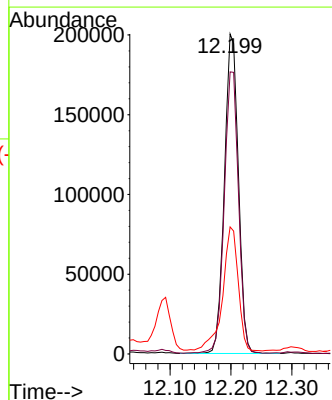
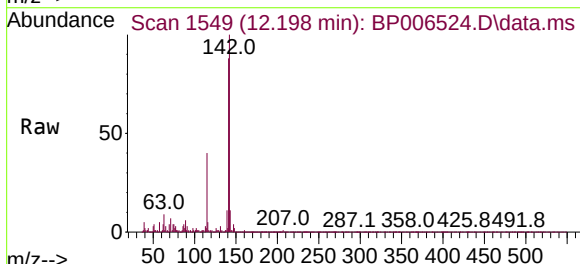
Instrument :
BNA_P
ClientSampled :
TWP03

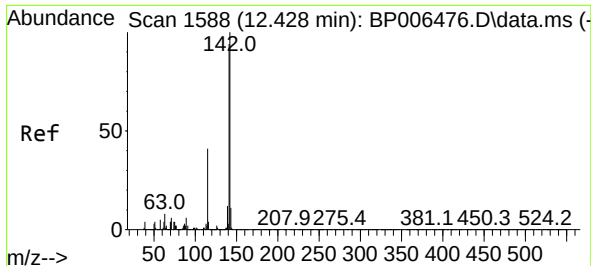
Tgt Ion:128 Resp: 234867
Ion Ratio Lower Upper
128 100
129 17.5 9.0 13.6#
127 14.8 10.7 16.1



#37
2-Methylnaphthalene
Concen: 8.55 ng
RT: 12.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion:142 Resp: 319447
Ion Ratio Lower Upper
142 100
141 88.1 71.8 107.6
115 39.7 31.6 47.4

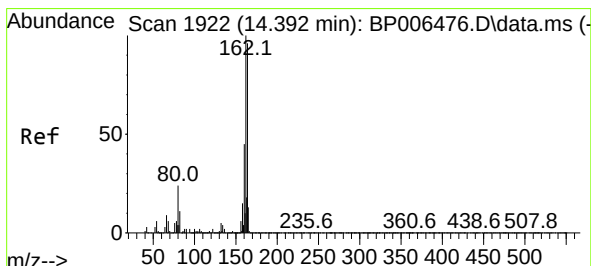
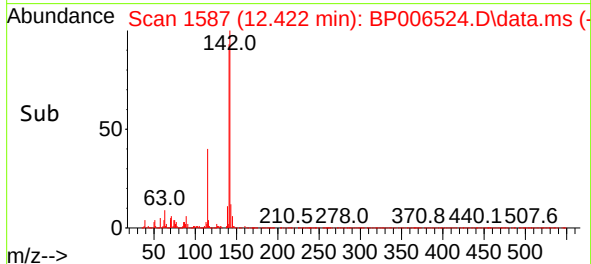
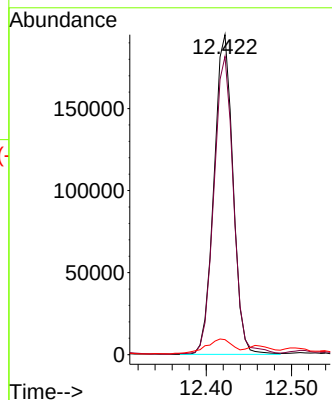
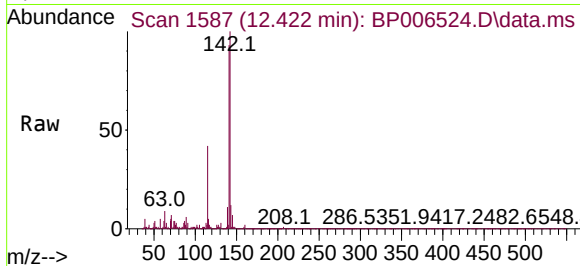




#38
1-Methylnaphthalene
Concen: 8.52 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

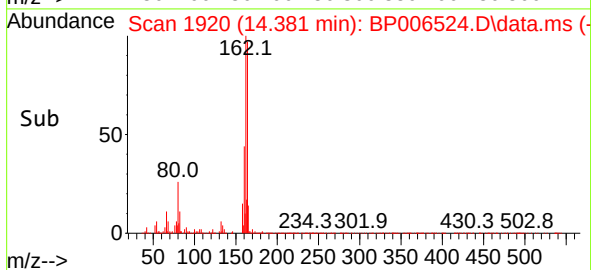
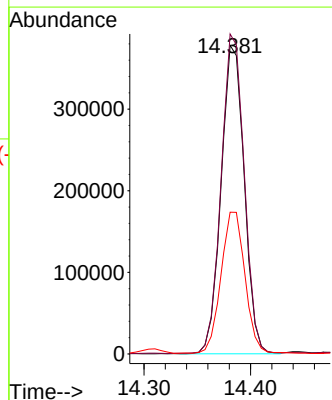
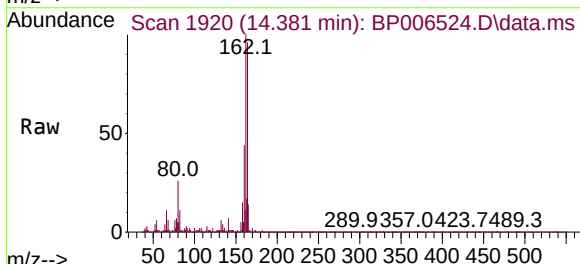
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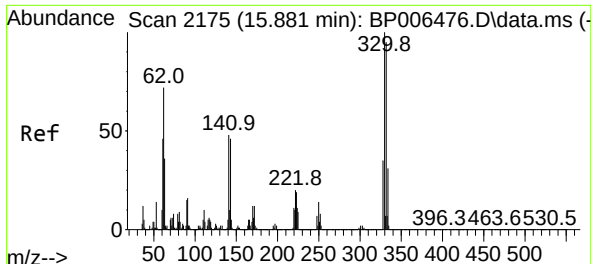
Tgt Ion:142 Resp: 302441
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9
116 4.7 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion:164 Resp: 568990
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 46.0 34.5 51.7

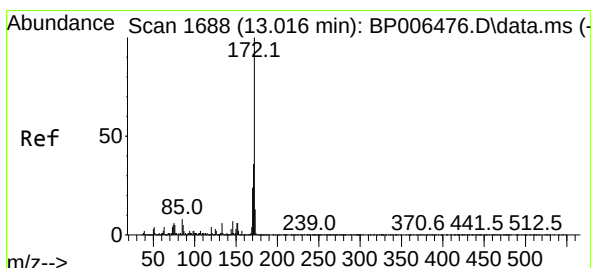
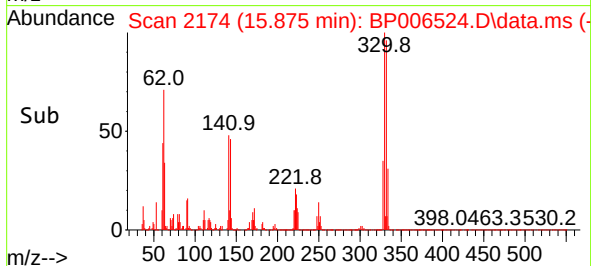
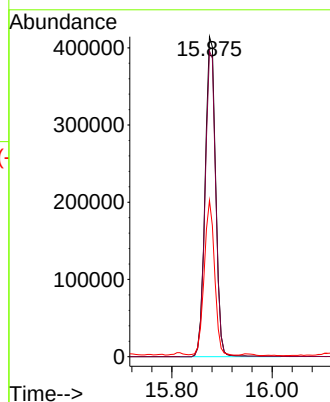
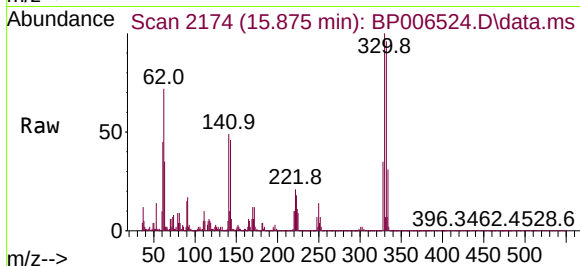




#42
2,4,6-Tribromophenol
Concen: 101.67 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

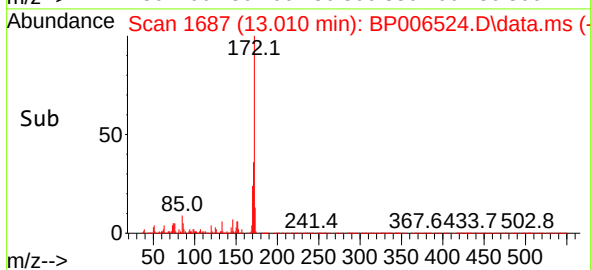
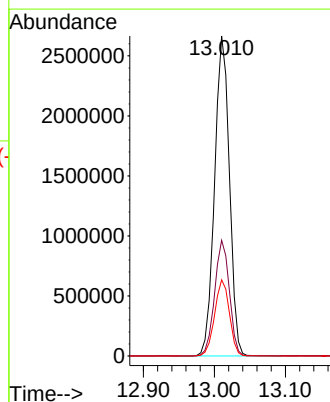
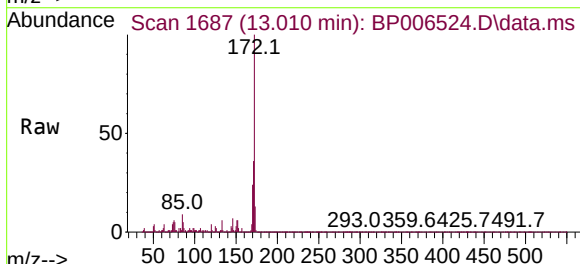
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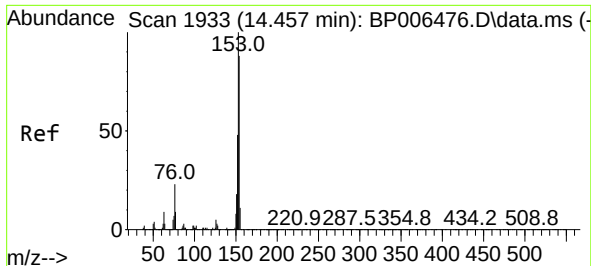
Tgt Ion:330 Resp: 604565
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 47.3 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 101.39 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion:172 Resp: 3855921
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 23.8 18.6 27.8

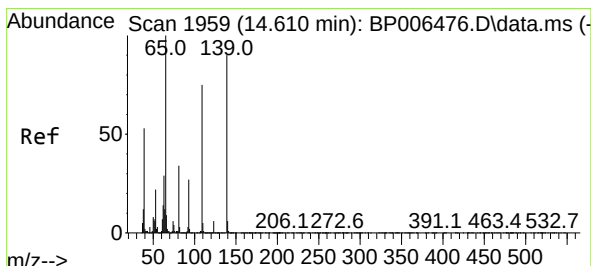
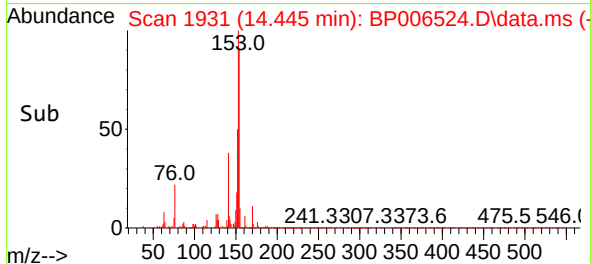
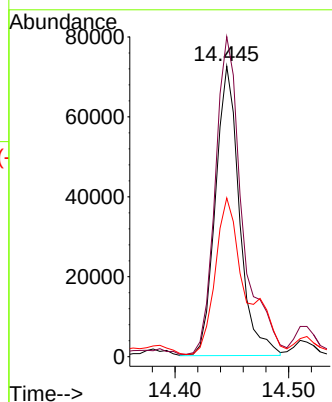
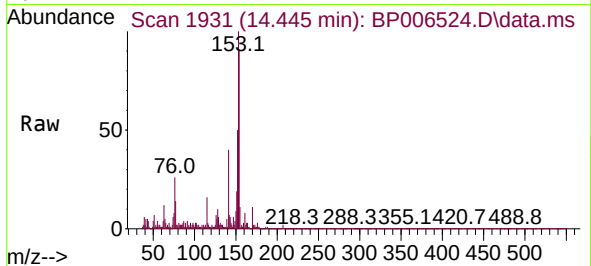




#52
Acenaphthene
Concen: 3.27 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

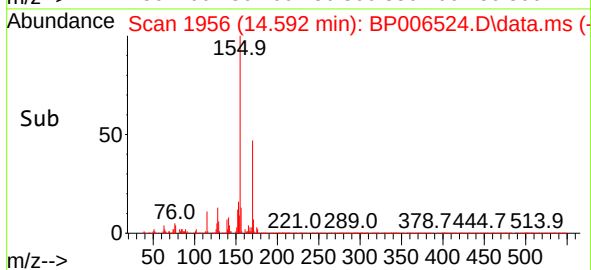
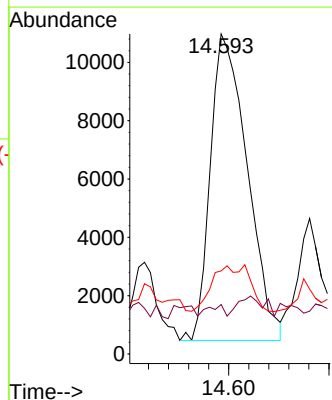
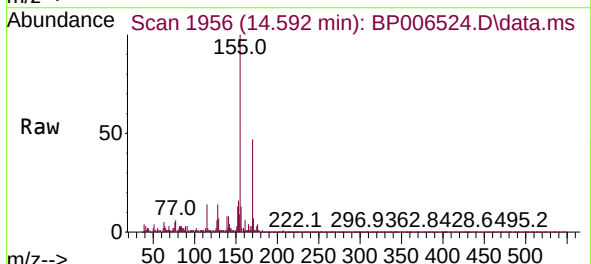
Instrument :
BNA_P
ClientSampled :
TWP03

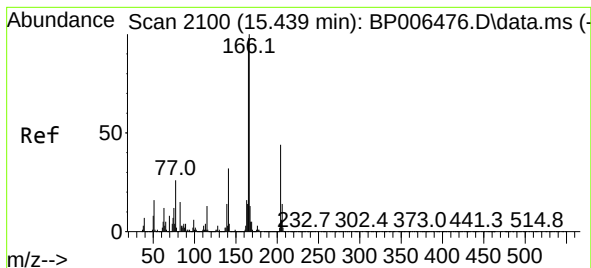
Tgt Ion:154 Resp: 106313
Ion Ratio Lower Upper
154 100
153 110.1 89.4 134.2
152 54.6 43.0 64.4



#56
4-Nitrophenol
Concen: 3.02 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion:139 Resp: 26876
Ion Ratio Lower Upper
139 100
109 15.5 72.3 112.3#
65 26.0 72.5 112.5#





#58

Fluorene

Concen: 3.79 ng

RT: 15.434 min Scan# 2099

Delta R.T. -0.006 min

Lab File: BP006524.D

Acq: 06 Aug 2021 01:28

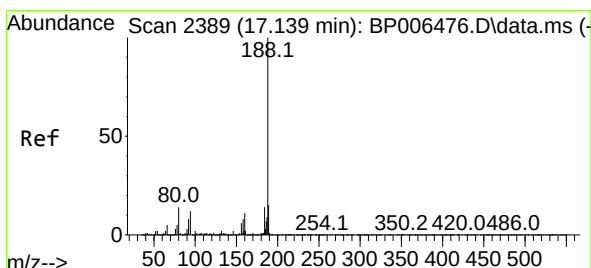
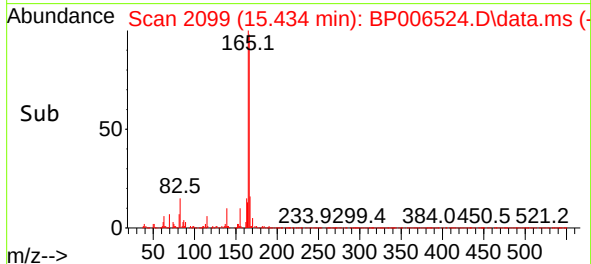
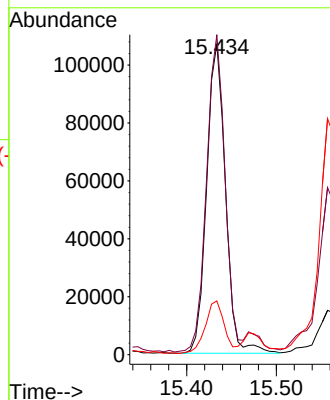
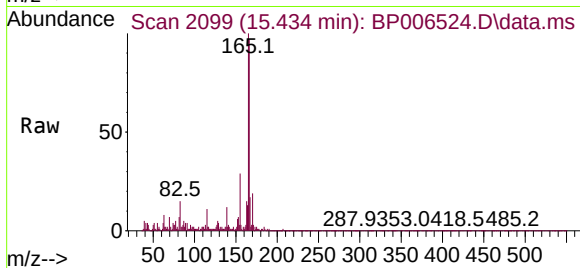
Instrument :

BNA_P

ClientSampleId :

TWP03

Tgt Ion:166 Resp: 155104
 Ion Ratio Lower Upper
 166 100
 165 103.0 78.0 117.0
 167 17.3 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.00 ng

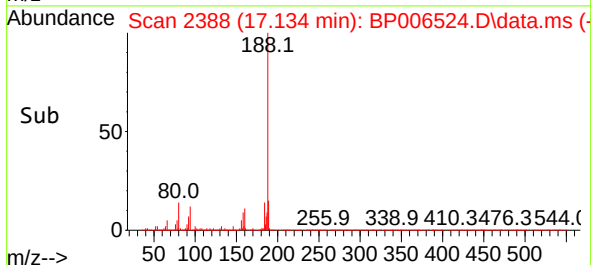
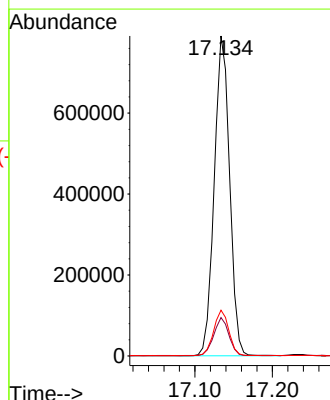
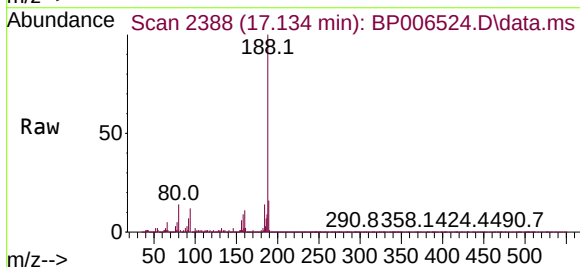
RT: 17.134 min Scan# 2388

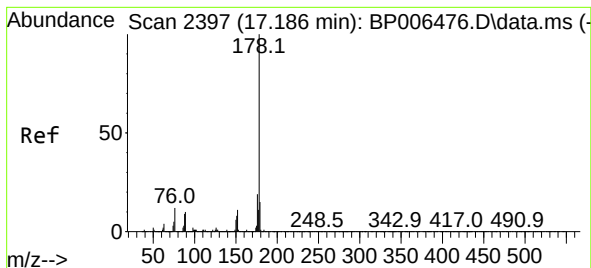
Delta R.T. -0.006 min

Lab File: BP006524.D

Acq: 06 Aug 2021 01:28

Tgt Ion:188 Resp: 1089402
 Ion Ratio Lower Upper
 188 100
 94 12.0 5.6 8.4#
 80 14.3 6.3 9.5#





#71

Phenanthrene

Concen: 3.66 ng

RT: 17.175 min Scan# 2395

Delta R.T. -0.012 min

Lab File: BP006524.D

Acq: 06 Aug 2021 01:28

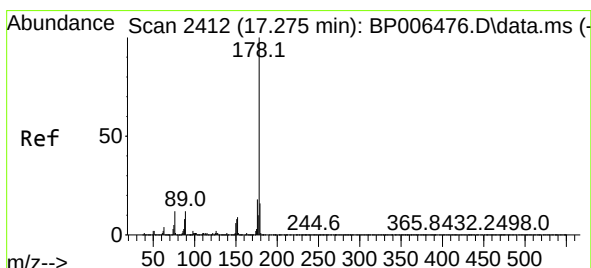
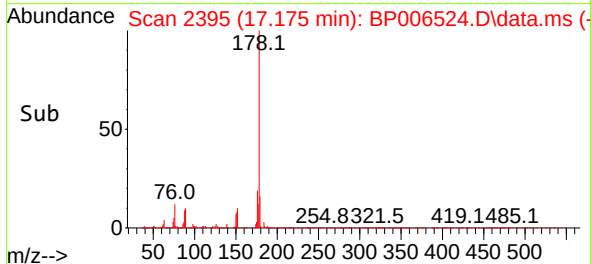
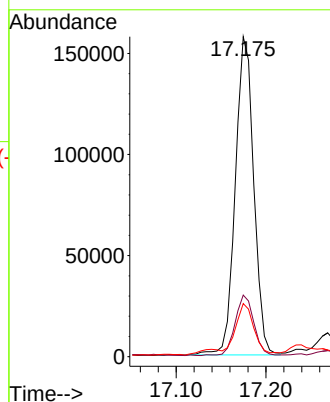
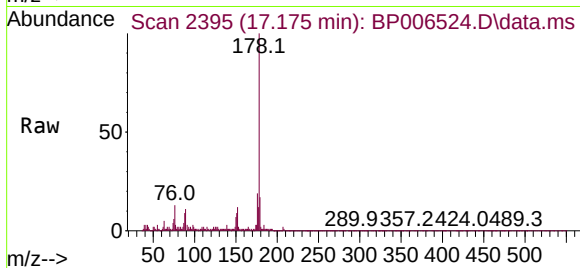
Instrument :

BNA_P

ClientSampled :

TWP03

Tgt Ion:	178	Resp:	224759
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.1	22.7
179	16.6	12.4	18.6



#72

Anthracene

Concen: 3.79 ng

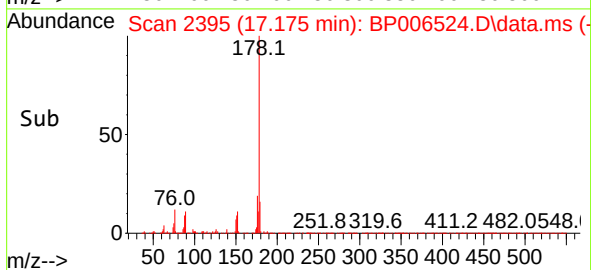
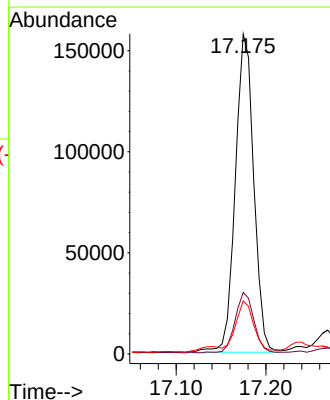
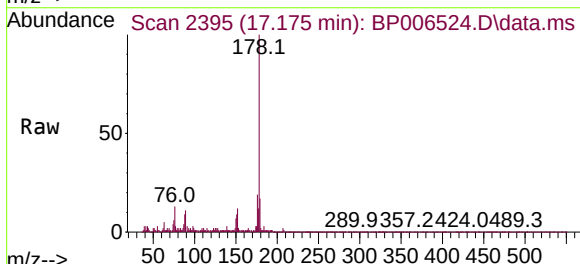
RT: 17.175 min Scan# 2395

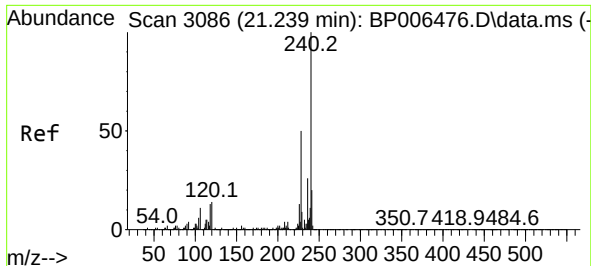
Delta R.T. -0.100 min

Lab File: BP006524.D

Acq: 06 Aug 2021 01:28

Tgt Ion:	178	Resp:	224759
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.9	22.3
179	16.6	12.2	18.2

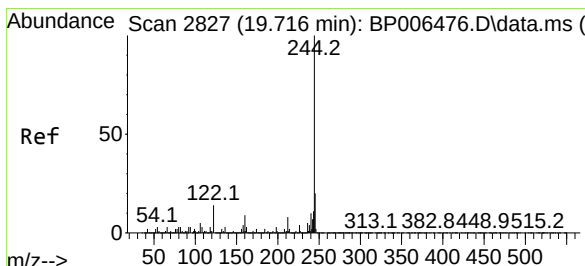
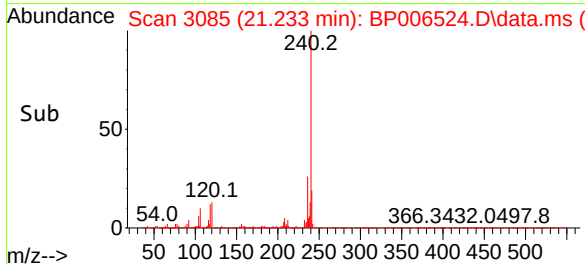
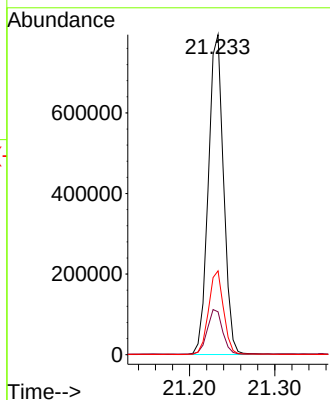
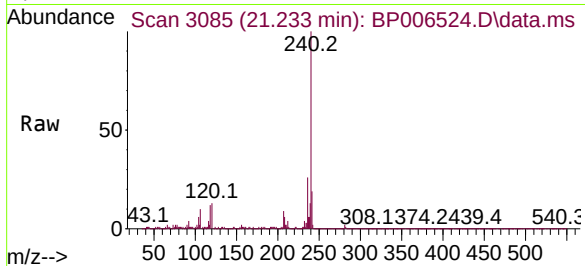




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

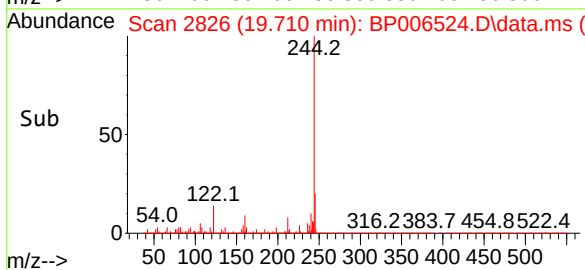
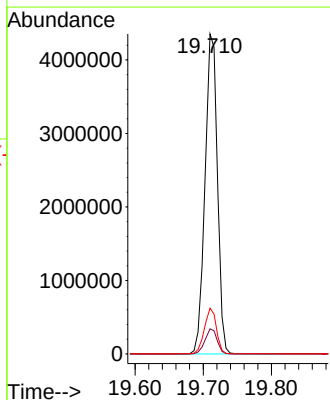
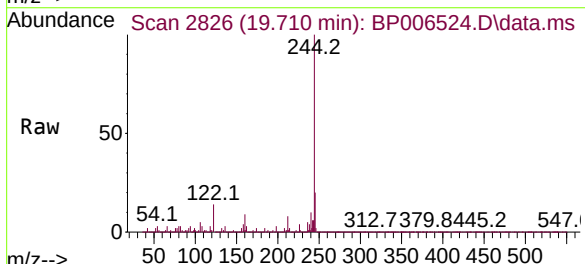
Instrument :
BNA_P
ClientSampleId :
TWP03

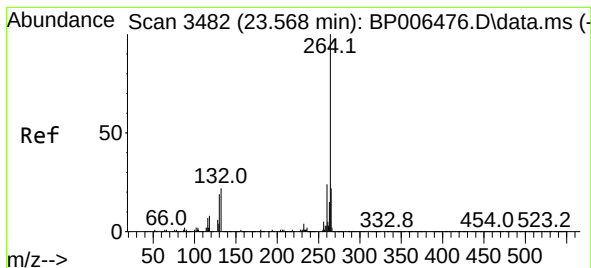
Tgt Ion:240 Resp: 985355
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 26.2 20.6 31.0



#79
Terphenyl-d14
Concen: 112.06 ng
RT: 19.710 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP006524.D
Acq: 06 Aug 2021 01:28

Tgt Ion:244 Resp: 5510347
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 14.3 7.1 10.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.557 min Scan# 3480

Delta R.T. -0.012 min

Lab File: BP006524.D

Acq: 06 Aug 2021 01:28

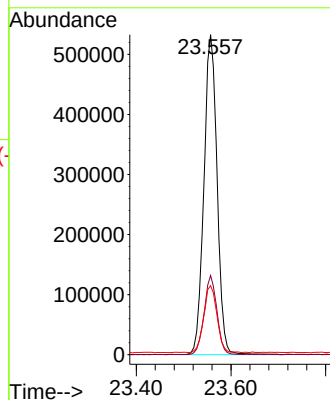
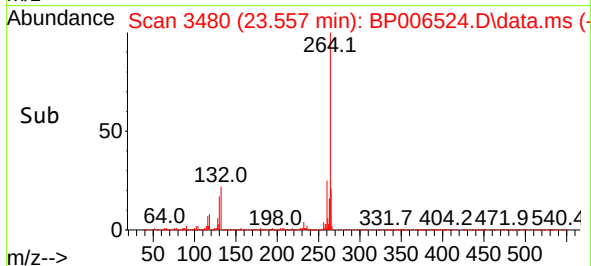
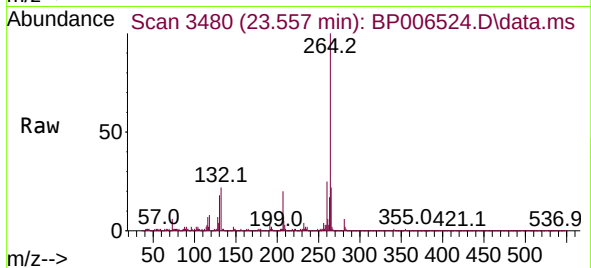
Tgt Ion:264 Resp: 1026403

Ion Ratio Lower Upper

264 100

260 24.8 18.6 28.0

265 21.6 17.6 26.4



Instrument :

BNA_P

ClientSampleId :

TWP03