

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
 Data File : BP006523.D
 Acq On : 06 Aug 2021 00:54
 Operator : CG/JU
 Sample : M3281-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TWP02

Quant Time: Aug 06 02:22:10 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)

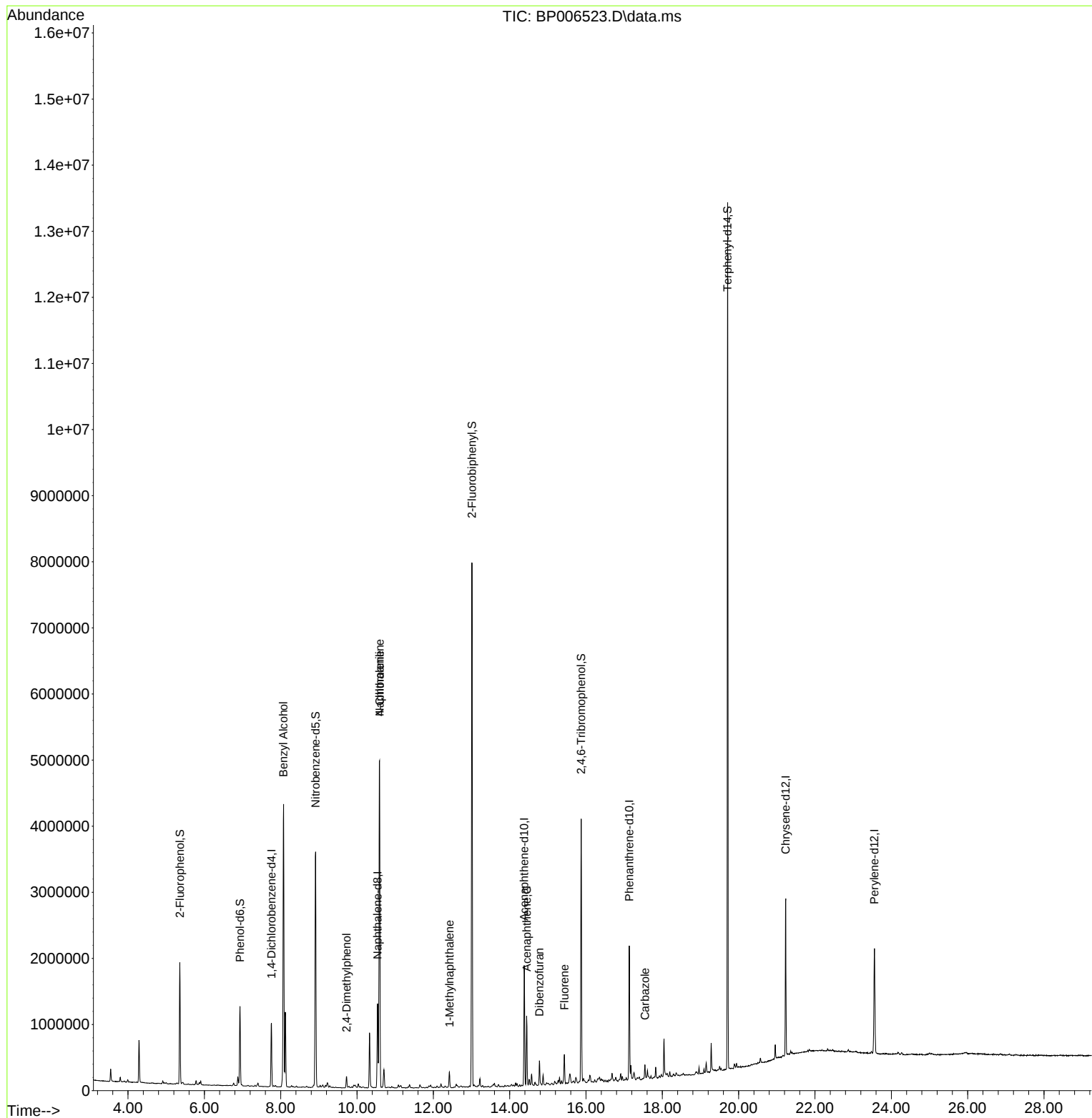
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	243443	20.00	ng	0.00
21) Naphthalene-d8	10.540	136	1009265	20.00	ng	# 0.00
39) Acenaphthene-d10	14.381	164	564853	20.00	ng	-0.01
64) Phenanthrene-d10	17.133	188	1083394	20.00	ng	# 0.00
76) Chrysene-d12	21.233	240	993562	20.00	ng	# 0.00
86) Perylene-d12	23.557	264	1040081	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	737815	46.55	ng	0.00
7) Phenol-d6	6.934	99	639069	28.38	ng	0.00
23) Nitrobenzene-d5	8.916	82	2131854	97.50	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	569158	96.41	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3692810	97.81	ng	0.00
79) Terphenyl-d14	19.710	244	5308301	107.06	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.069	79	36646	2.17	ng	# 46
27) 2,4-Dimethylphenol	9.728	122	47165	3.40	ng	97
31) Naphthalene	10.592	128	4002447	73.80	ng	99
33) 4-Chloroaniline	10.592	127	531374	24.21	ng	# 37
38) 1-Methylnaphthalene	12.422	142	103862	2.97	ng	100
52) Acenaphthene	14.445	154	331143	10.25	ng	97
55) Dibenzofuran	14.781	168	211073	4.15	ng	93
58) Fluorene	15.433	166	172686	4.25	ng	96
73) Carbazole	17.545	167	122761	2.04	ng	# 96

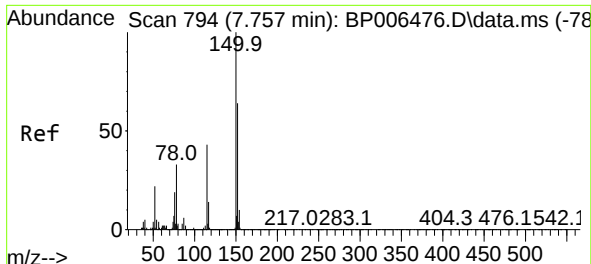
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
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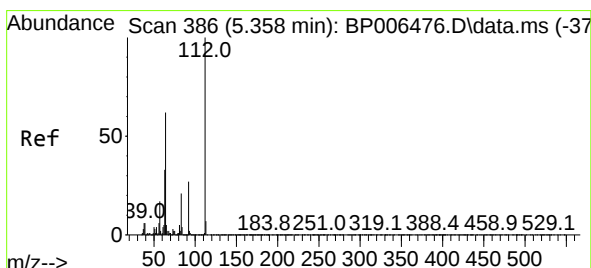
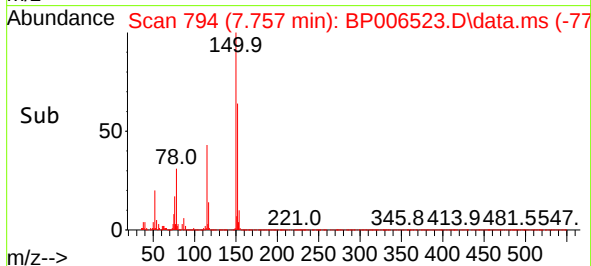
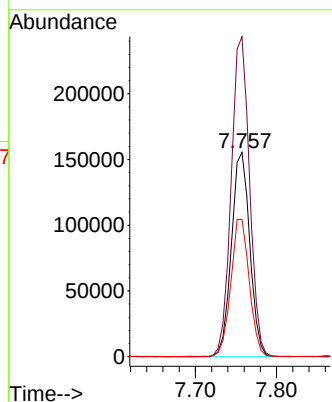
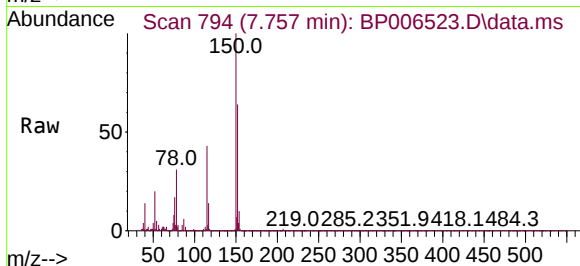




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

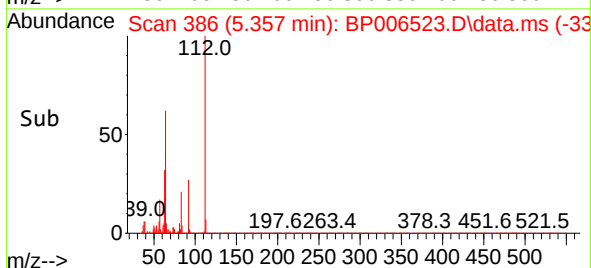
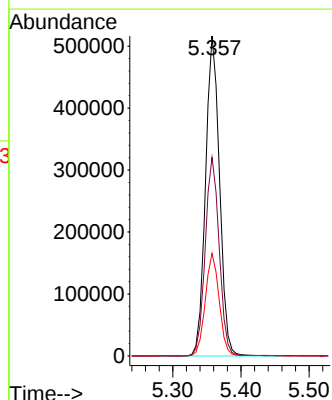
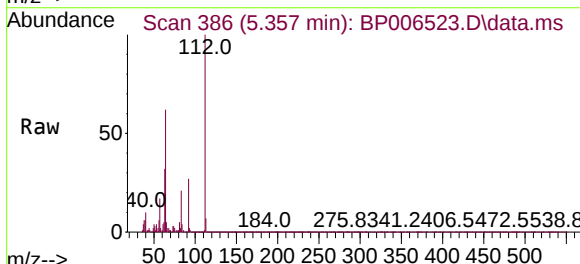
Instrument :
BNA_P
ClientSampleId :
TWP02

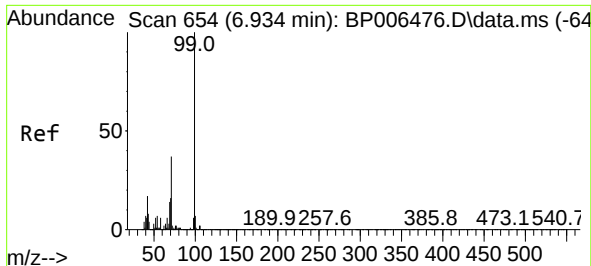
Tgt Ion:152 Resp: 243443
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 67.3 48.5 72.7



#5
2-Fluorophenol
Concen: 46.55 ng
RT: 5.357 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion:112 Resp: 737815
Ion Ratio Lower Upper
112 100
64 62.0 41.4 62.2
63 32.1 23.8 35.8

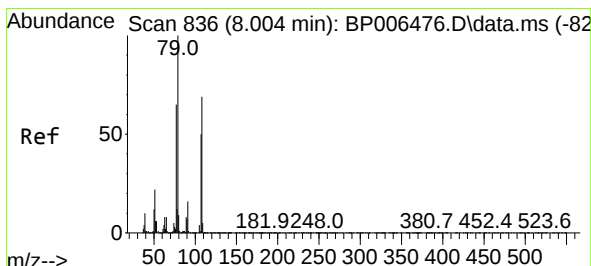
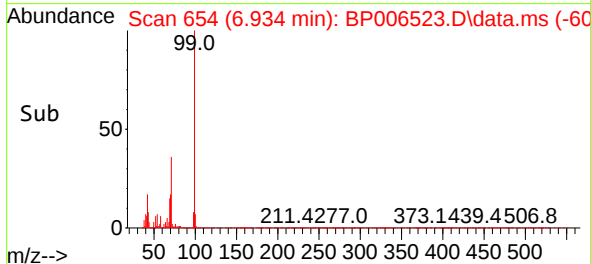
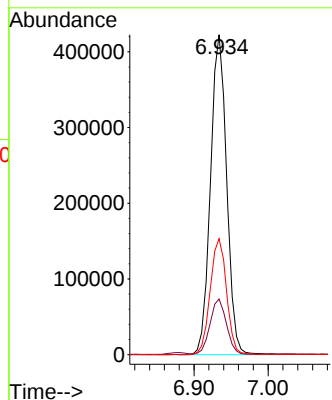
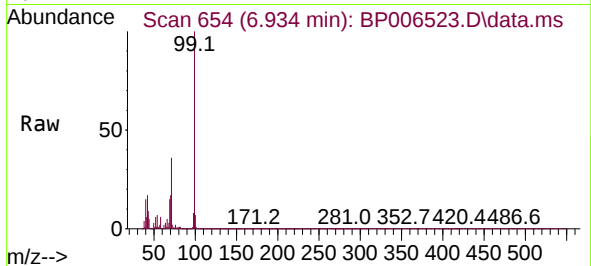




#7
Phenol-d6
Concen: 28.38 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

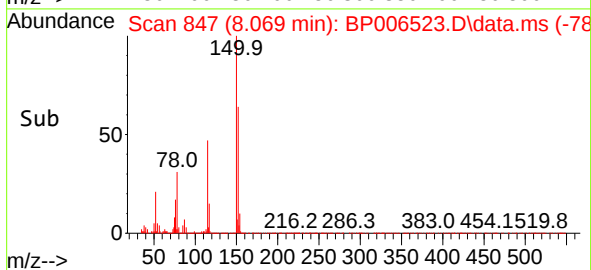
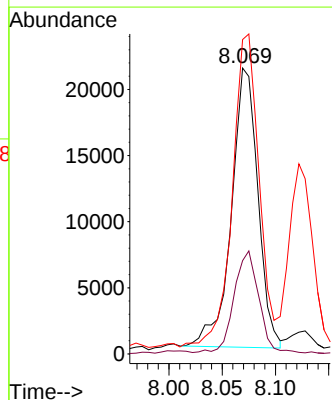
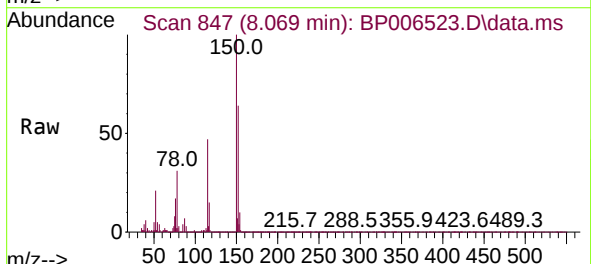
Instrument :
BNA_P
ClientSampleId :
TWP02

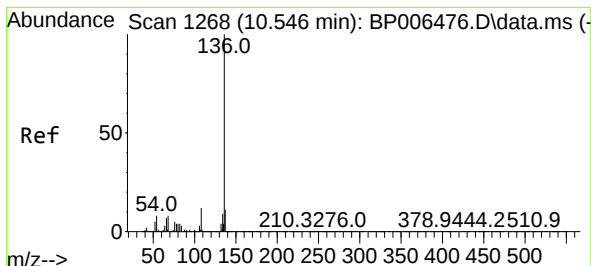
Tgt Ion: 99 Resp: 639069
Ion Ratio Lower Upper
99 100
42 17.4 13.4 20.0
71 36.2 30.6 46.0



#15
Benzyl Alcohol
Concen: 2.17 ng
RT: 8.069 min Scan# 847
Delta R.T. 0.065 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion: 79 Resp: 36646
Ion Ratio Lower Upper
79 100
108 32.6 62.5 93.7#
77 110.0 52.9 79.3#



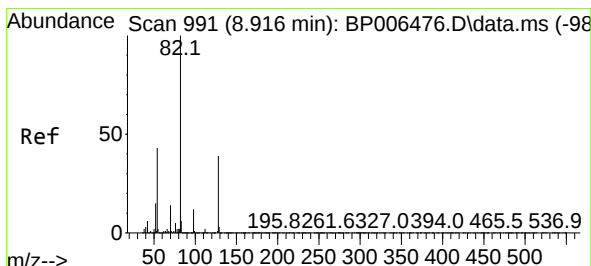
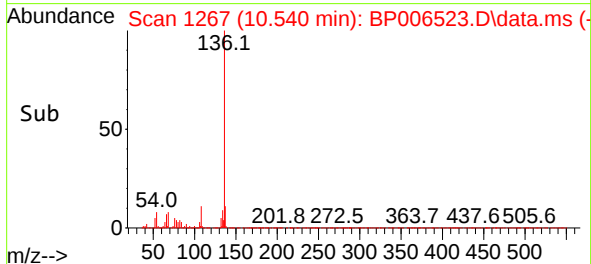
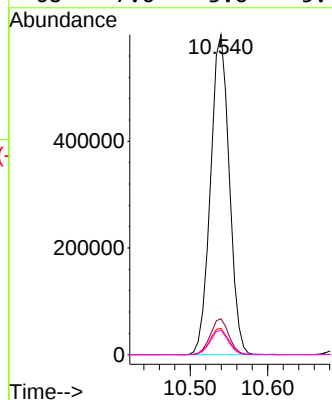
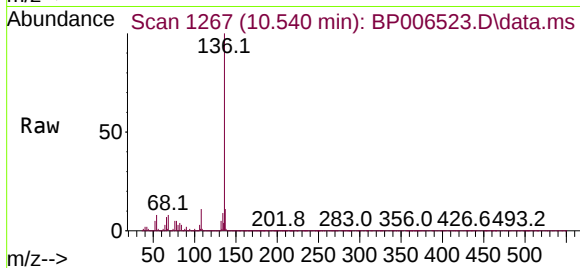


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Instrument :
BNA_P
ClientSampleId :
TWP02

Tgt Ion:136 Resp: 1009265

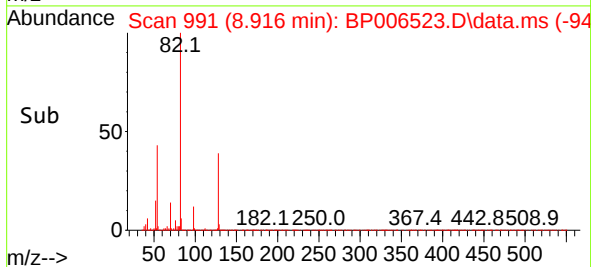
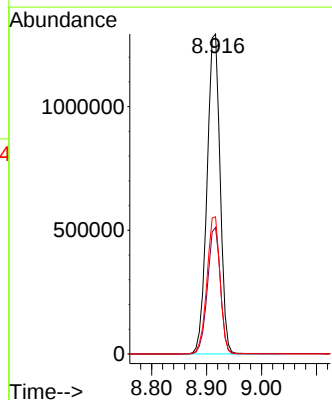
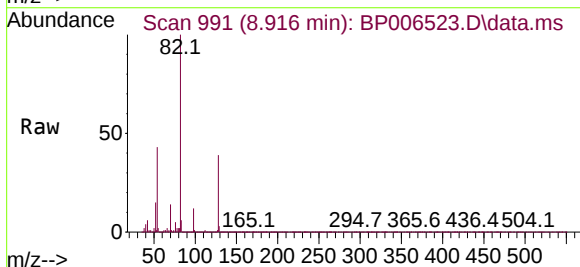
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.3	4.6	6.8#
68	7.6	3.6	5.4#

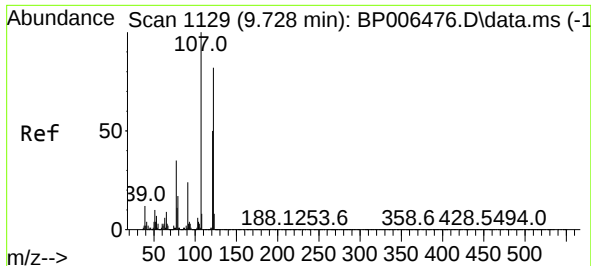


#23
Nitrobenzene-d5
Concen: 97.50 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion: 82 Resp: 2131854

Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.7	53.5
54	42.8	35.0	52.4

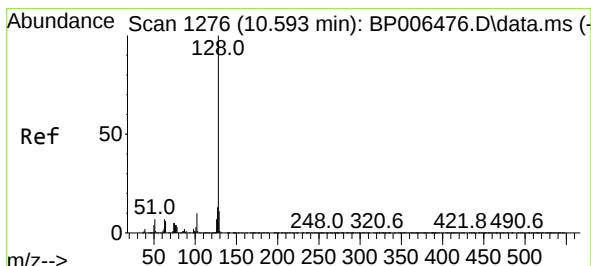
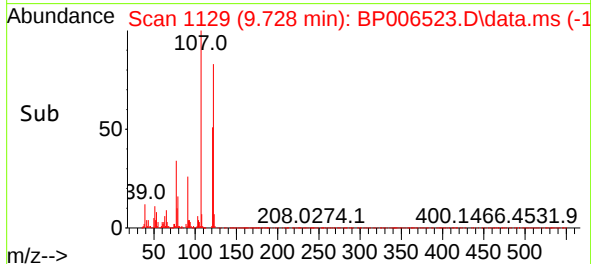
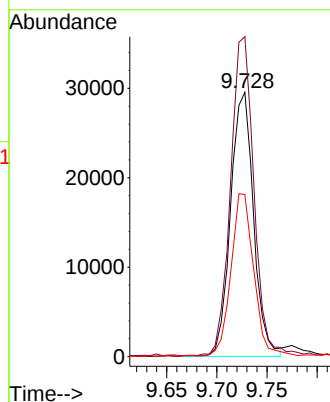
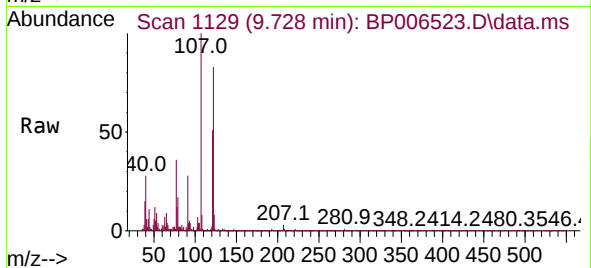




#27
2,4-Dimethylphenol
Concen: 3.40 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

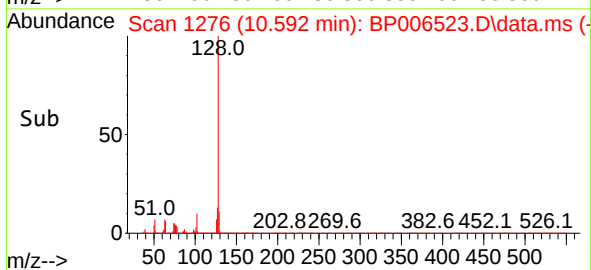
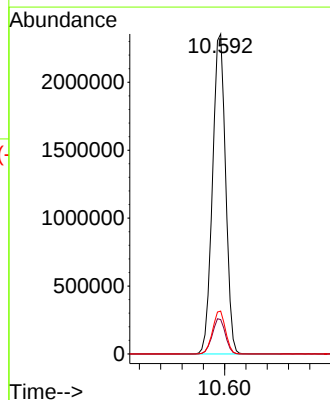
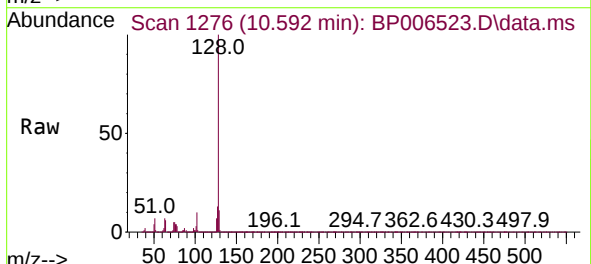
Instrument :
BNA_P
ClientSampleId :
TWP02

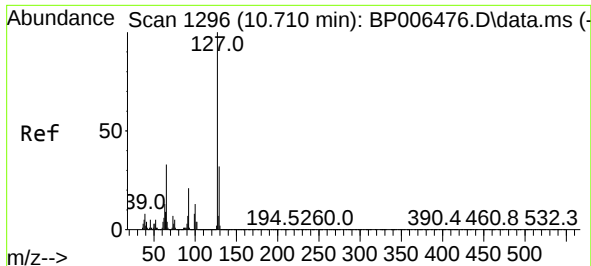
Tgt Ion:	122	Resp:	47165
Ion	Ratio	Lower	Upper
122	100		
107	121.1	94.5	141.7
121	61.4	47.4	71.2



#31
Naphthalene
Concen: 73.80 ng
RT: 10.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion:	128	Resp:	4002447
Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.4	10.7	16.1

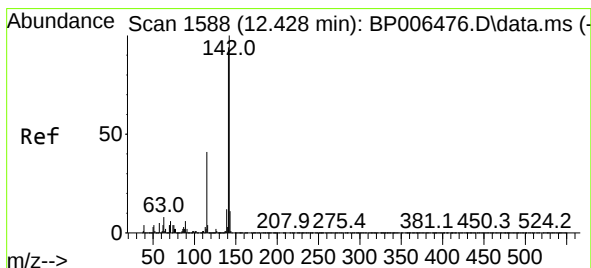
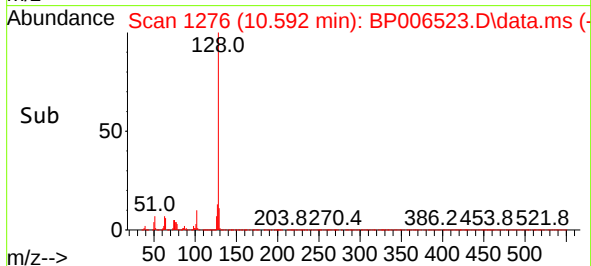
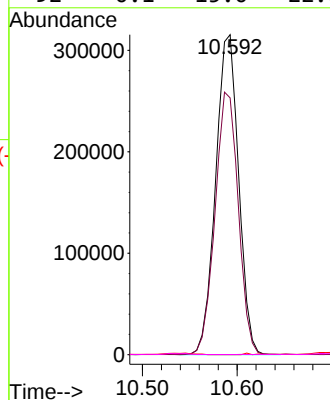
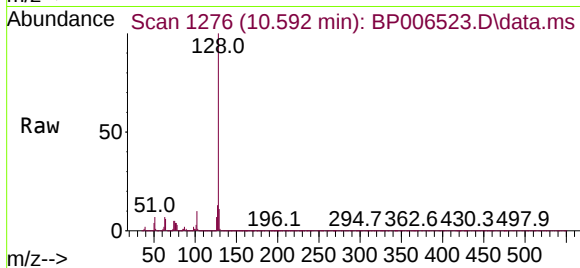




#33
4-Chloroaniline
Concen: 24.21 ng
RT: 10.592 min Scan# 1276
Delta R.T. -0.118 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

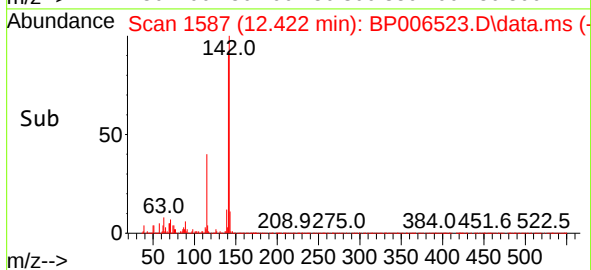
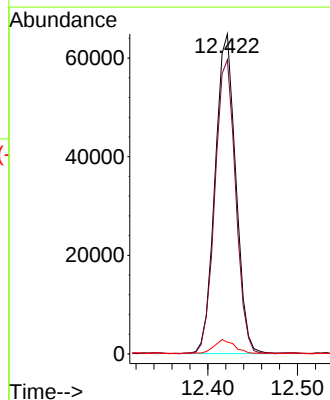
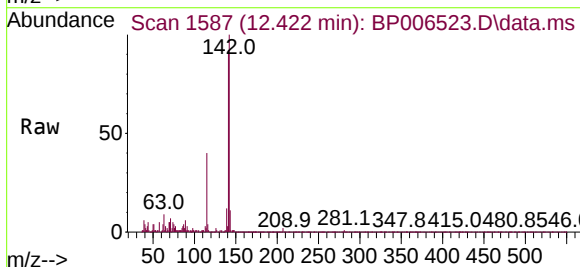
Instrument :
BNA_P
ClientSampleId :
TWP02

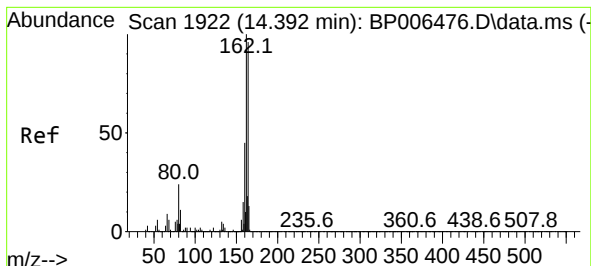
Tgt Ion:127	Resp: 531374
Ion Ratio	Lower Upper
127 100	
129 80.2	26.1 39.1#
65 0.0	22.5 33.7#
92 0.1	15.0 22.6#



#38
1-Methylnaphthalene
Concen: 2.97 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion:142	Resp: 103862
Ion Ratio	Lower Upper
142 100	
141 91.9	73.3 109.9
116 3.7	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: BP006523.D

Acq: 06 Aug 2021 00:54

Instrument :

BNA_P

ClientSampleId :

TWP02

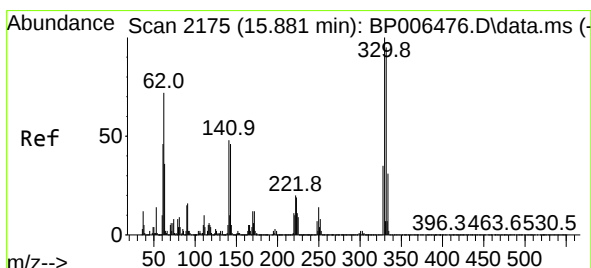
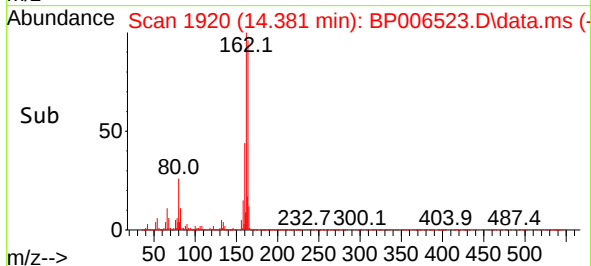
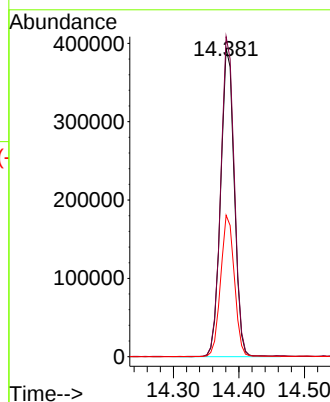
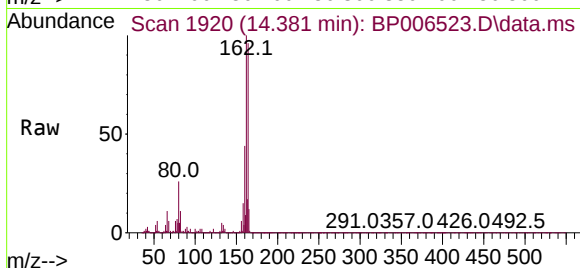
Tgt Ion:164 Resp: 564853

Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

160 45.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 96.41 ng

RT: 15.875 min Scan# 2174

Delta R.T. -0.006 min

Lab File: BP006523.D

Acq: 06 Aug 2021 00:54

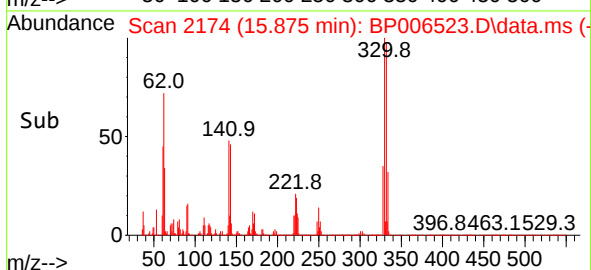
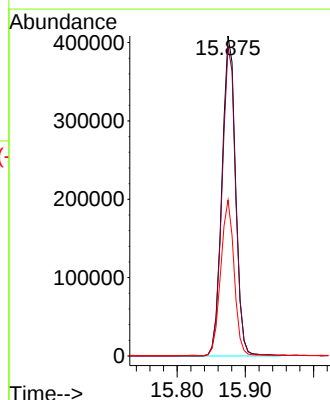
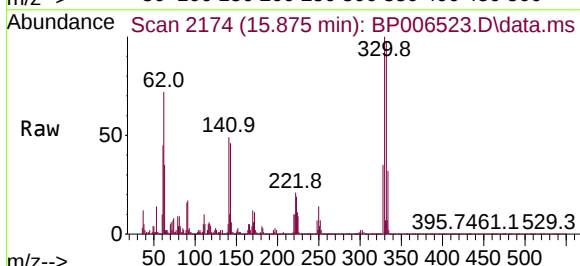
Tgt Ion:330 Resp: 569158

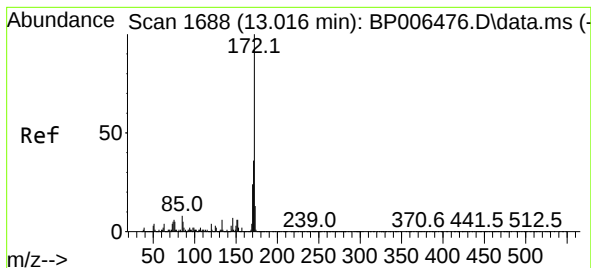
Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.8

141 47.7 25.4 38.2#

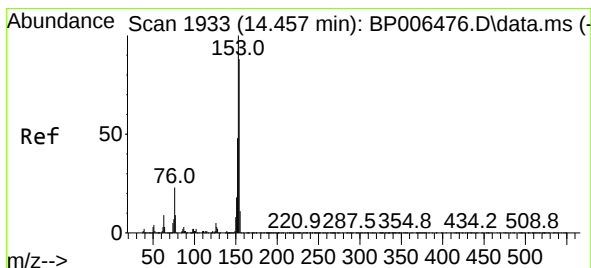
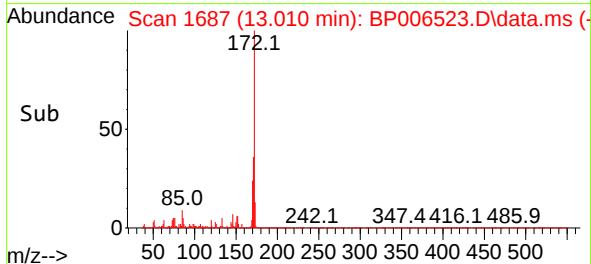
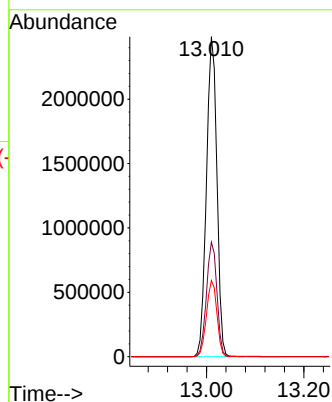
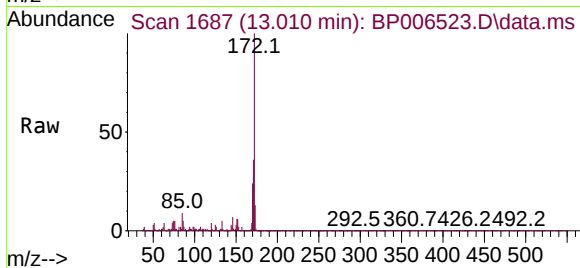




#45
2-Fluorobiphenyl
Concen: 97.81 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

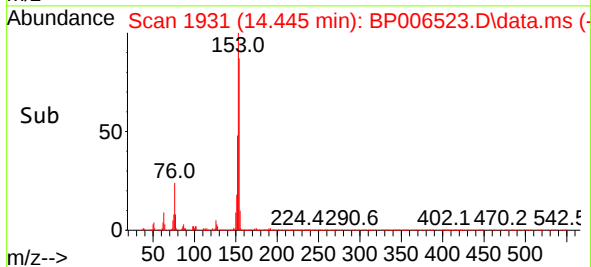
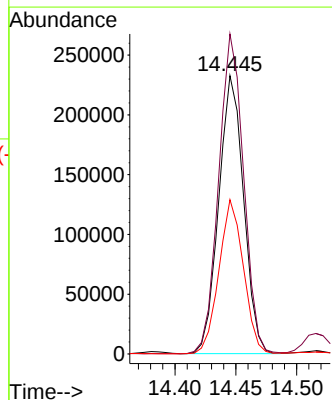
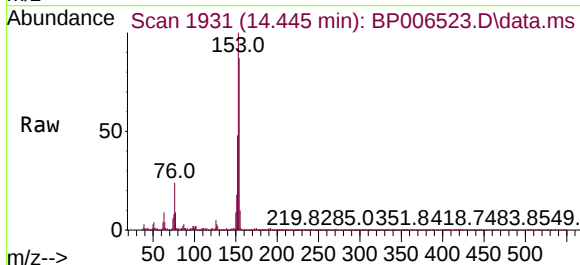
Instrument :
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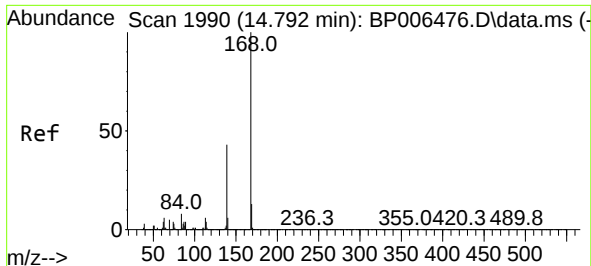
Tgt Ion:172 Resp: 3692810
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.8 18.6 27.8



#52
Acenaphthene
Concen: 10.25 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion:154 Resp: 331143
Ion Ratio Lower Upper
154 100
153 115.0 89.4 134.2
152 55.4 43.0 64.4

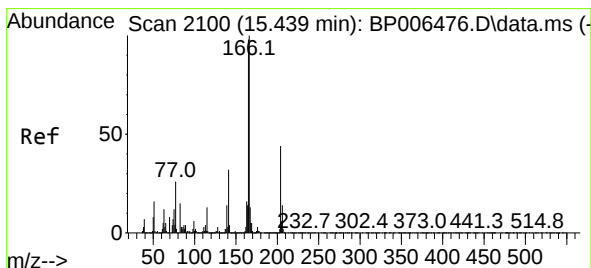
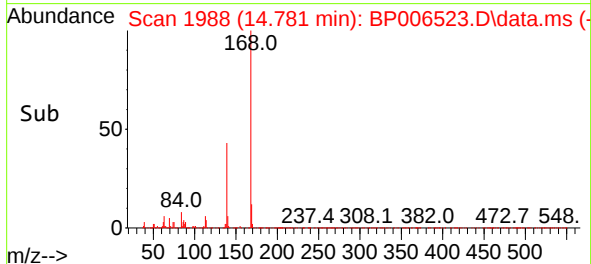
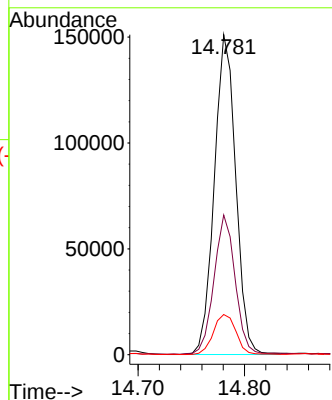
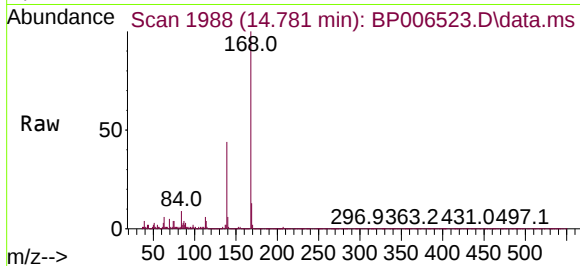




#55
Dibenzenofuran
Concen: 4.15 ng
RT: 14.781 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

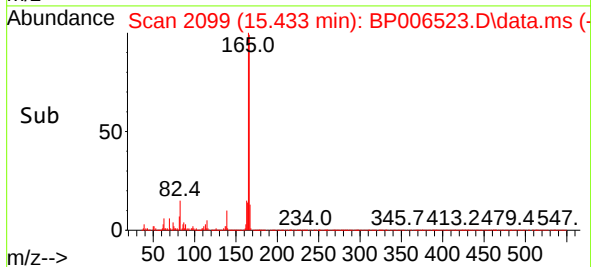
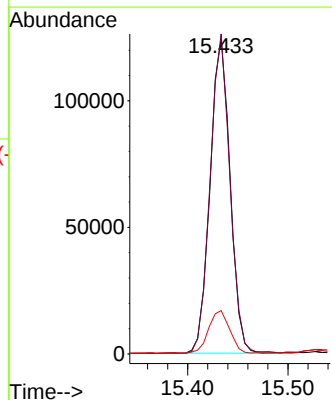
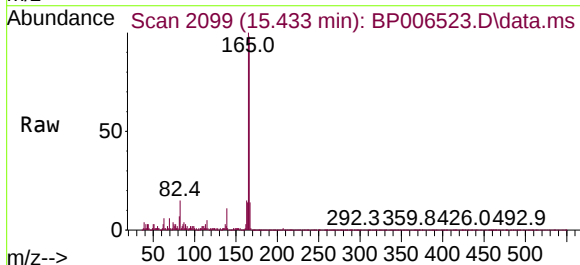
Instrument :
BNA_P
ClientSampleId :
TWP02

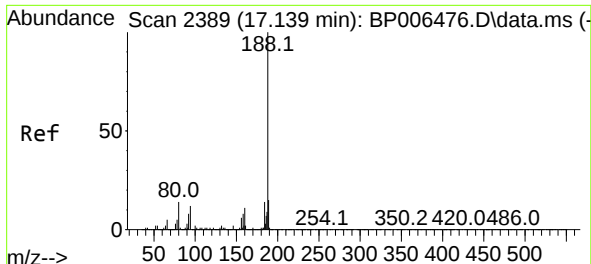
Tgt Ion:168 Resp: 211073
Ion Ratio Lower Upper
168 100
139 43.6 31.0 46.6
169 12.6 10.8 16.2



#58
Fluorene
Concen: 4.25 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion:166 Resp: 172686
Ion Ratio Lower Upper
166 100
165 101.6 78.0 117.0
167 13.8 10.5 15.7

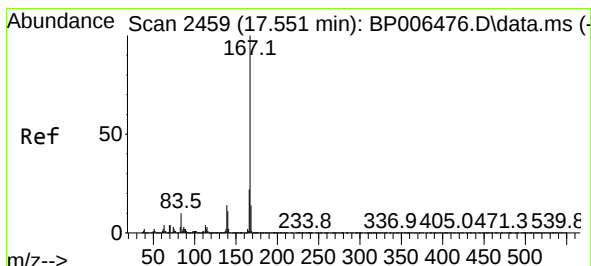
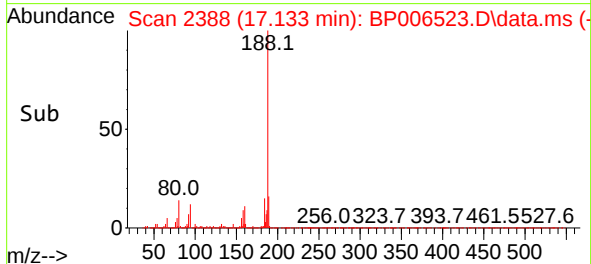
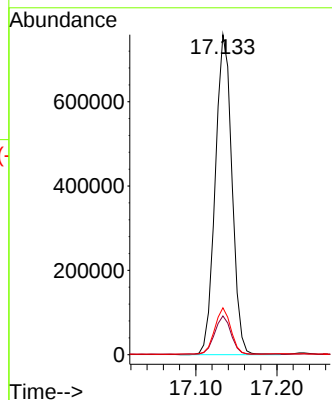
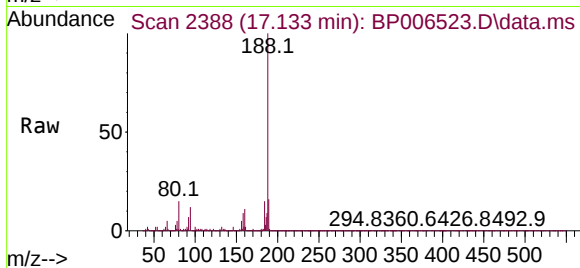




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

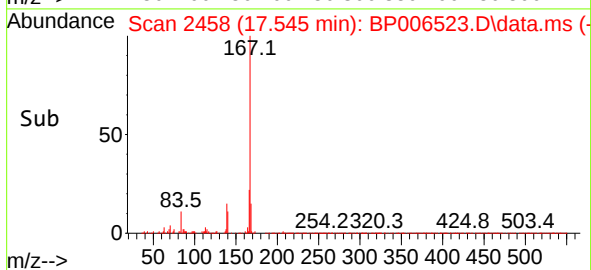
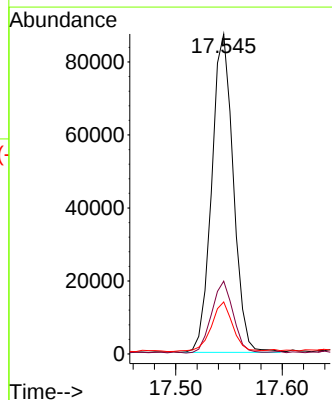
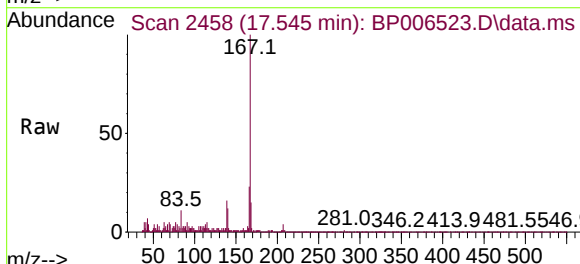
Instrument :
BNA_P
ClientSampleId :
TWP02

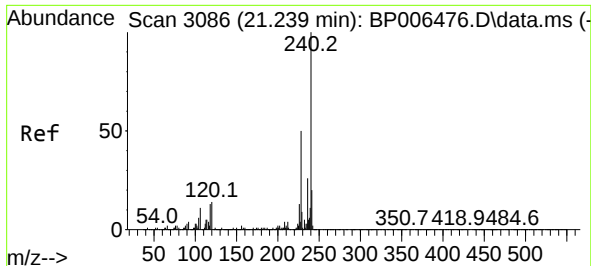
Tgt Ion:188 Resp: 1083394
Ion Ratio Lower Upper
188 100
94 12.1 5.6 8.4#
80 14.6 6.3 9.5#



#73
Carbazole
Concen: 2.04 ng
RT: 17.545 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion:167 Resp: 122761
Ion Ratio Lower Upper
167 100
166 22.7 17.1 25.7
139 16.2 10.7 16.1#

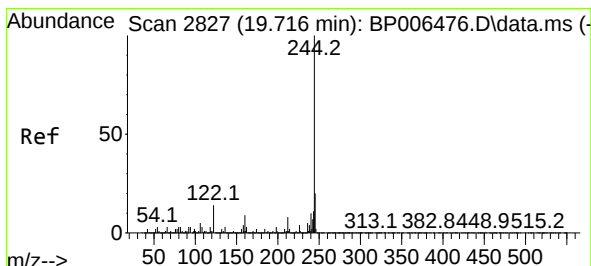
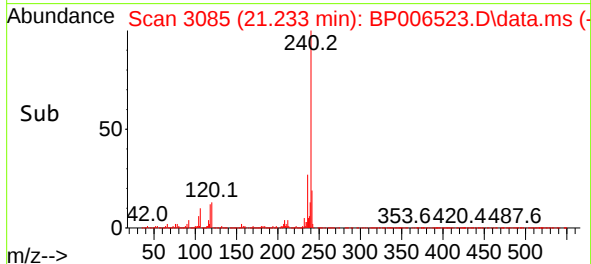
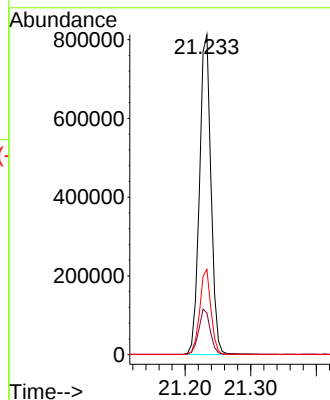
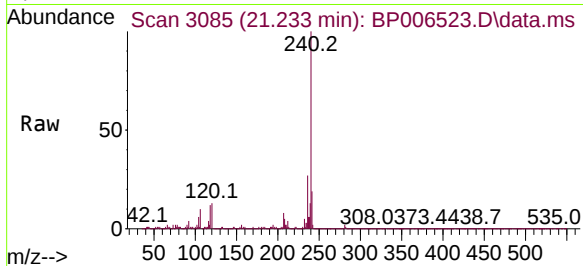




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

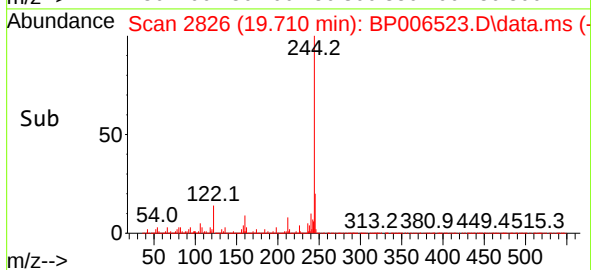
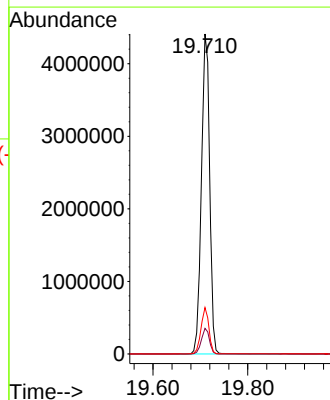
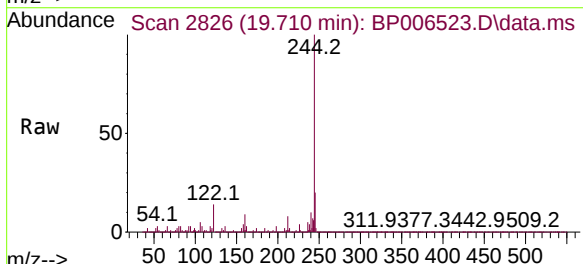
Instrument :
BNA_P
ClientSampleId :
TWP02

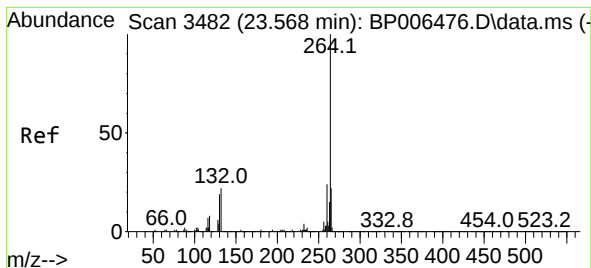
Tgt Ion:240 Resp: 993562
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 26.7 20.6 31.0



#79
Terphenyl-d14
Concen: 107.06 ng
RT: 19.710 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Tgt Ion:244 Resp: 5308301
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 14.5 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: BP006523.D
Acq: 06 Aug 2021 00:54

Instrument :
BNA_P
ClientSampleId :
TWP02

Tgt Ion:264 Resp: 1040081

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.2	17.6	26.4

