

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)

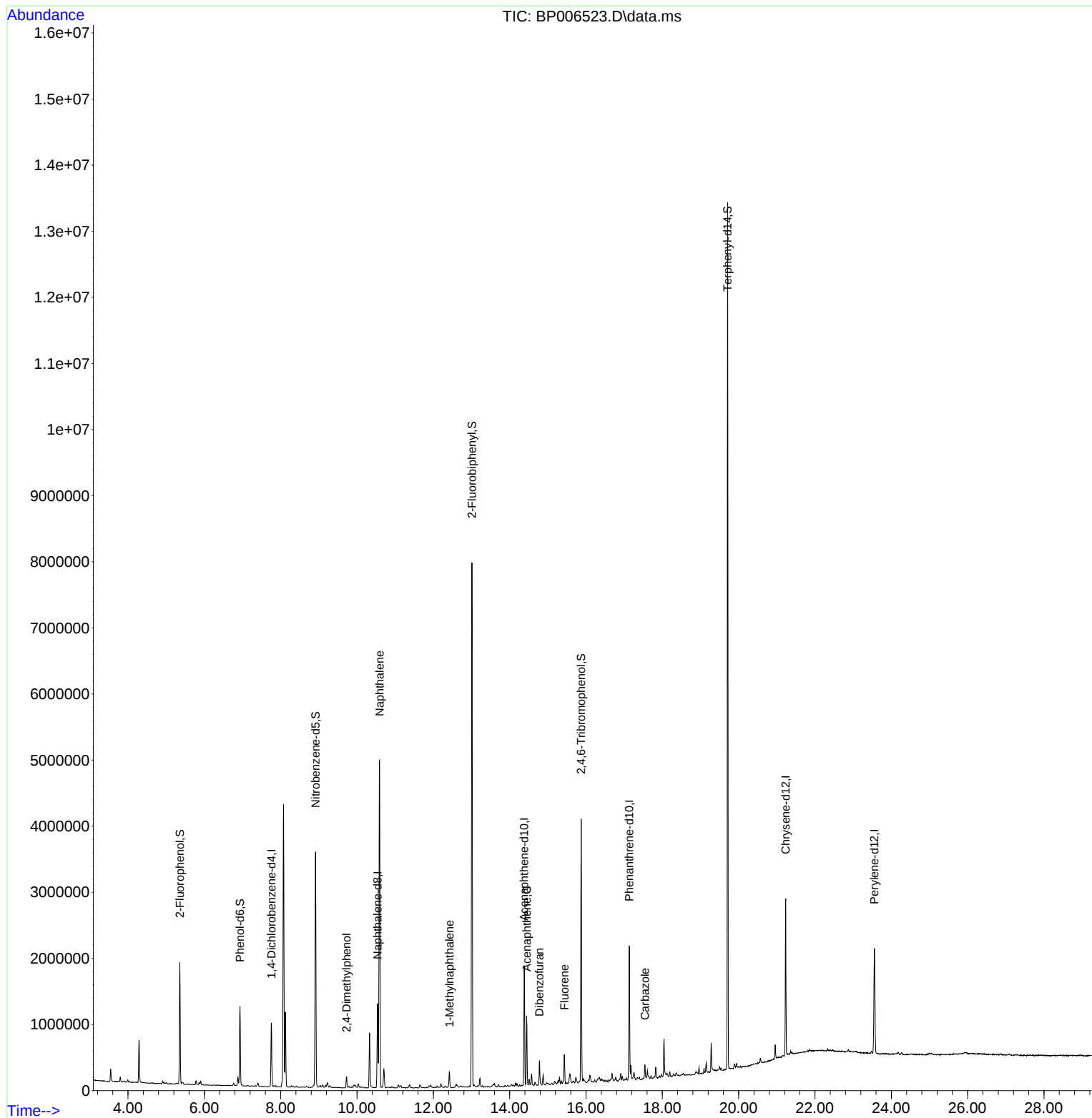
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	243443	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1009265	20.000	ng	# 0.00
39) Acenaphthene-d10	14.381	164	564853	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	1083394	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	993562	20.000	ng	# 0.00
86) Perylene-d12	23.557	264	1040081	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	737815	46.551	ng	0.00
7) Phenol-d6	6.934	99	639069	28.384	ng	0.00
23) Nitrobenzene-d5	8.916	82	2131854	97.498	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	569158	96.413	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	3692810	97.812	ng	0.00
79) Terphenyl-d14	19.710	244	5308301	107.056	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.728	122	47165	3.405	ng	97
31) Naphthalene	10.592	128	4002447	73.802	ng	99
38) 1-Methylnaphthalene	12.422	142	103862	2.974	ng	100
52) Acenaphthene	14.445	154	331143	10.249	ng	97
55) Dibenzofuran	14.781	168	211073	4.153	ng	93
58) Fluorene	15.433	166	172686	4.251	ng	96
73) Carbazole	17.545	167	122761	2.038	ng	# 96

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

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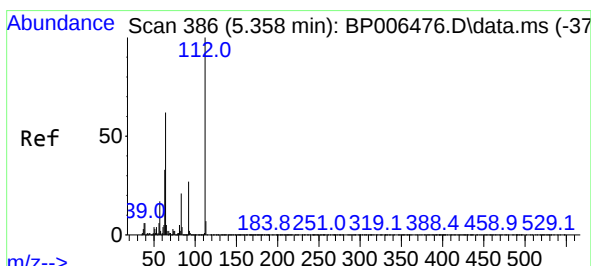
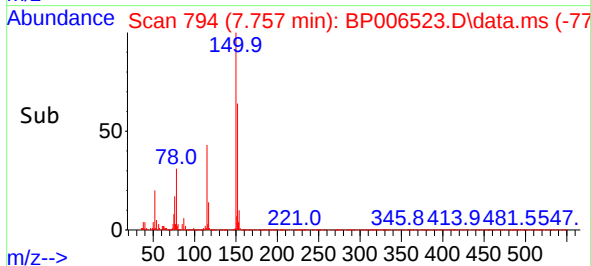
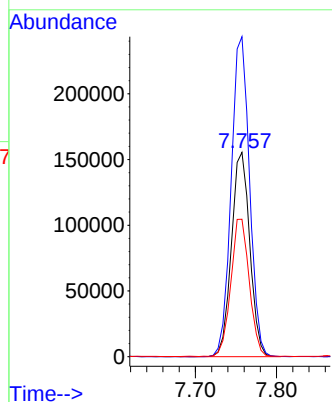
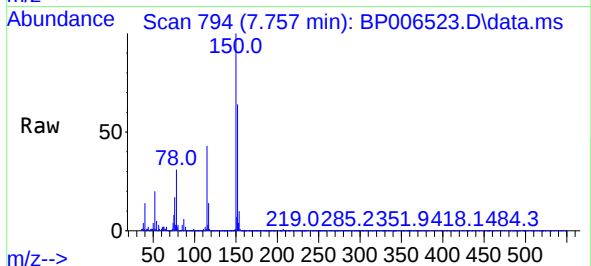




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

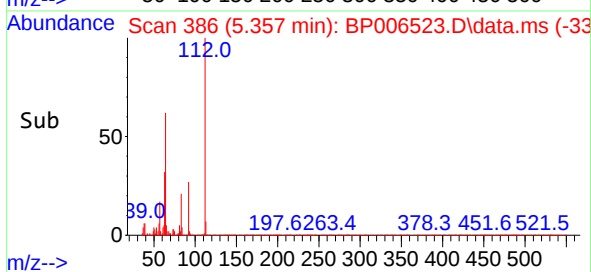
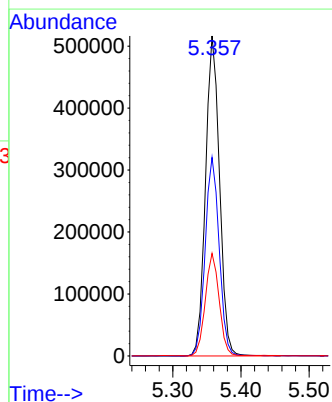
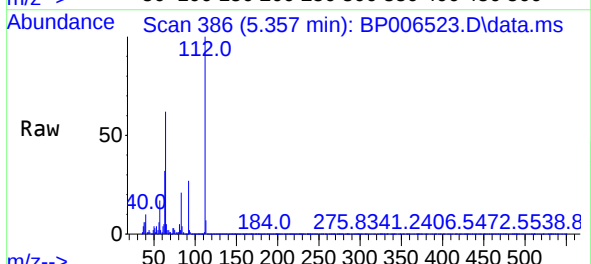
Instrument :
BNA_P
ClientSampleId :
TWP02

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: 46.551 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



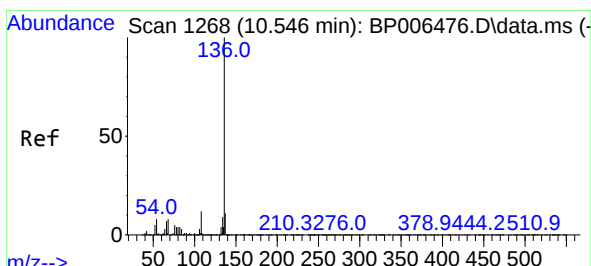
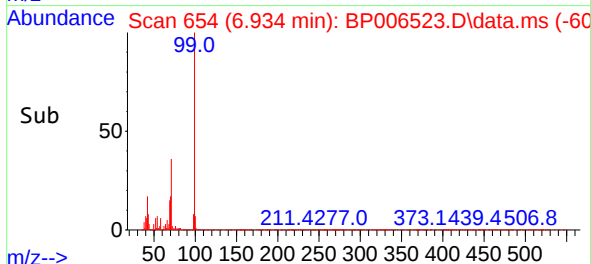
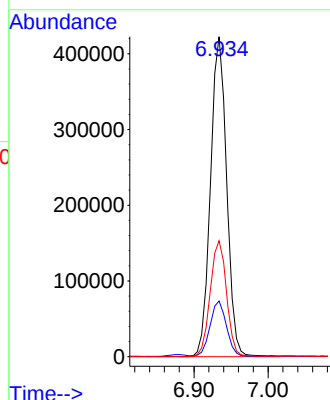
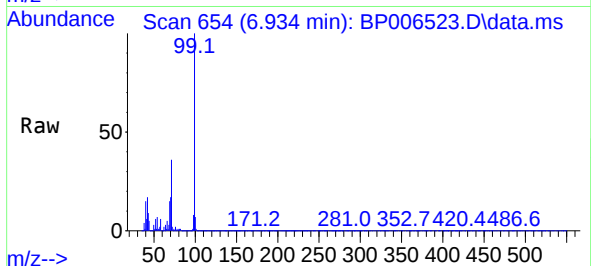


#7
Phenol-d6
Concen: 28.384 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

Instrument :
BNA_P
ClientSampleId :
TWP02

Tgt Ion: 99 Resp: 639069

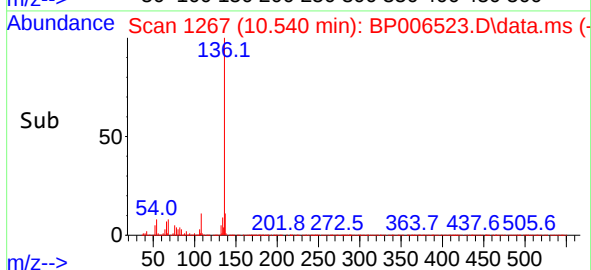
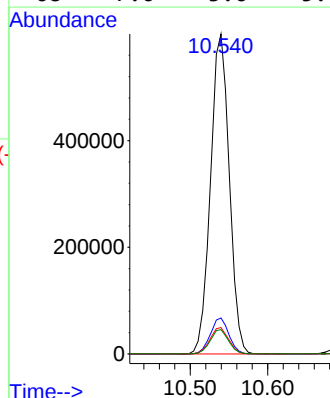
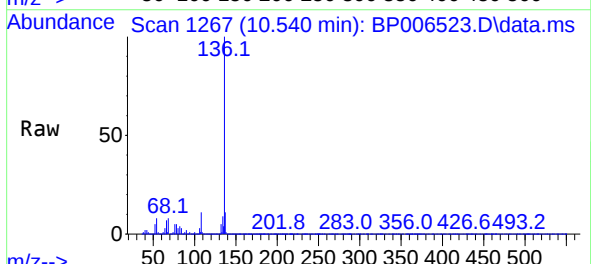
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.4	20.0
71	36.2	30.6	46.0

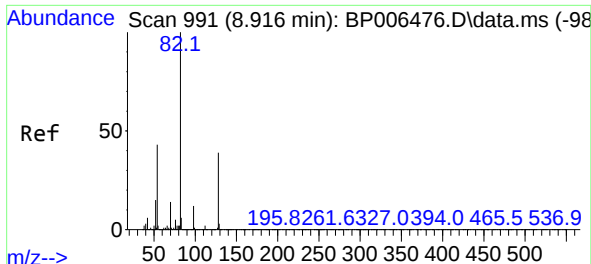


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

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#

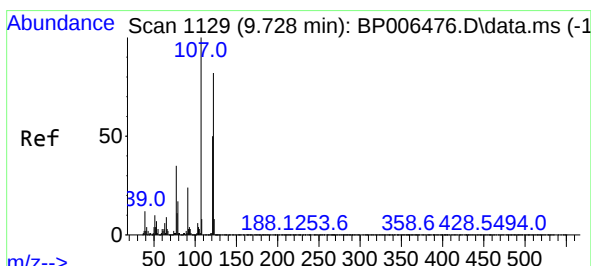
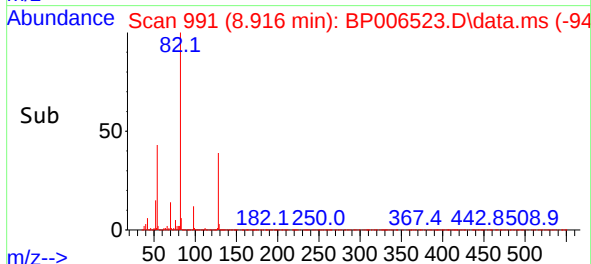
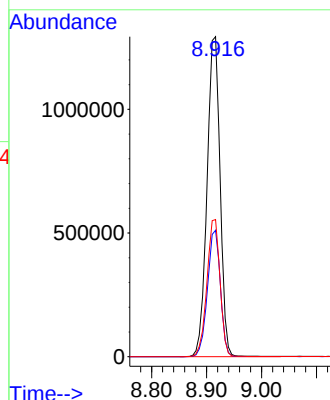
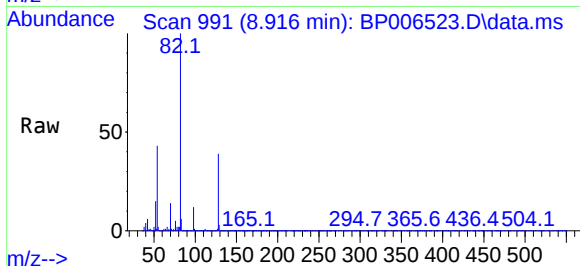




#23
Nitrobenzene-d5
Concen: 97.498 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

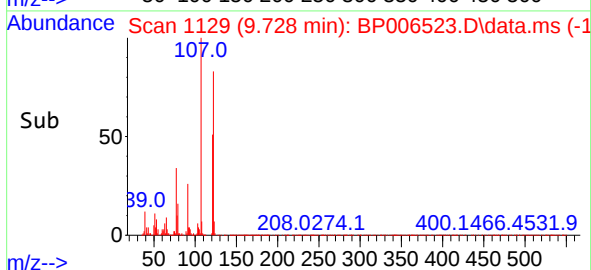
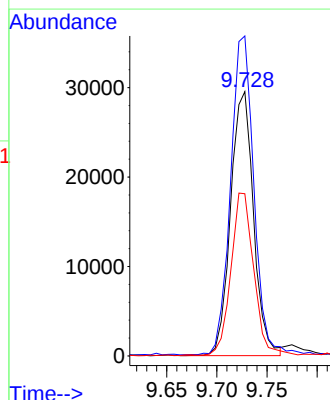
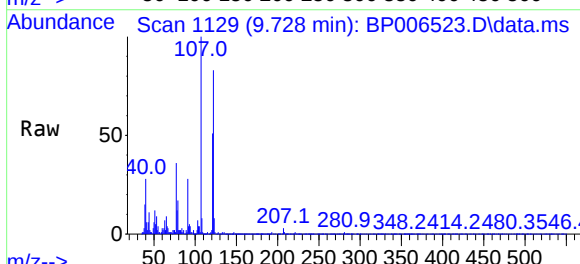
Instrument :
BNA_P
ClientSampleId :
TWP02

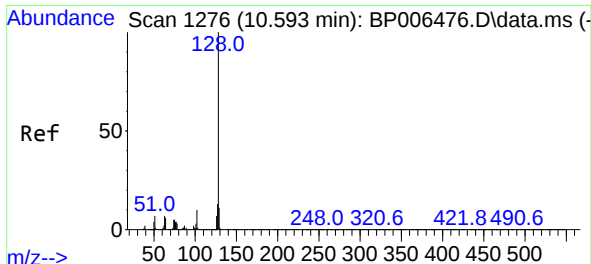
Tgt Ion: 82 Resp: 2131854
Ion Ratio Lower Upper
82 100
128 39.5 35.7 53.5
54 42.8 35.0 52.4



#27
2,4-Dimethylphenol
Concen: 3.405 ng
RT: 9.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

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

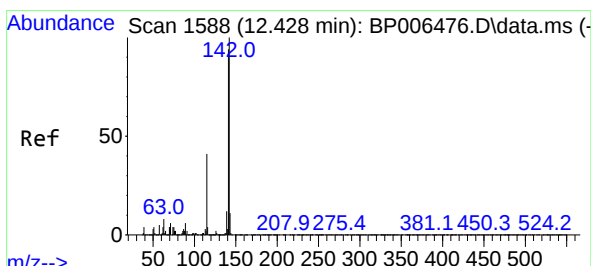
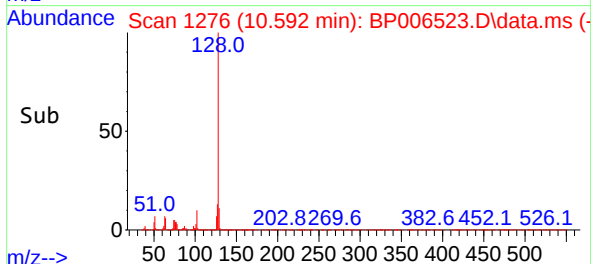
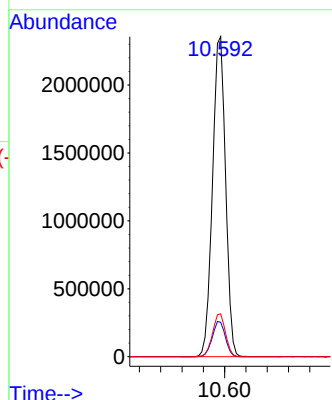
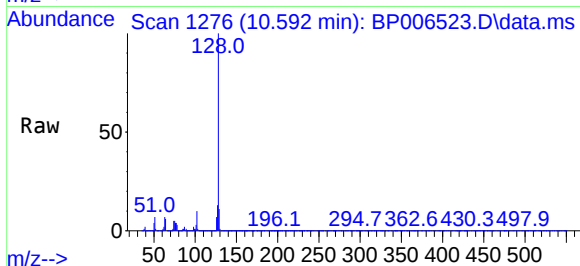




#31
Naphthalene
Concen: 73.802 ng
RT: 10.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

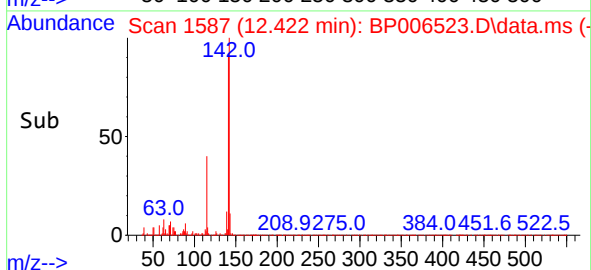
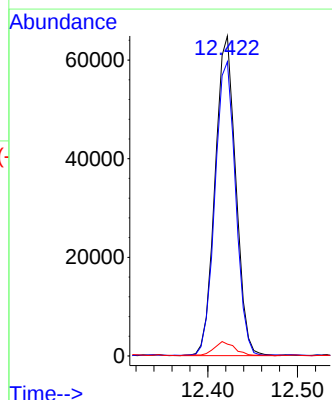
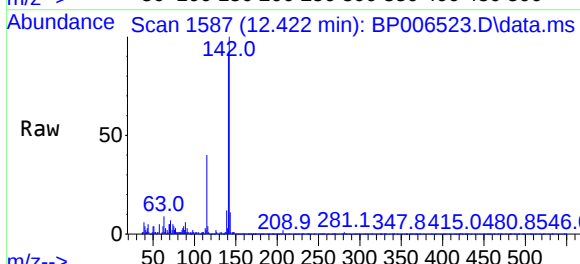
Instrument :
BNA_P
ClientSampleId :
TWP02

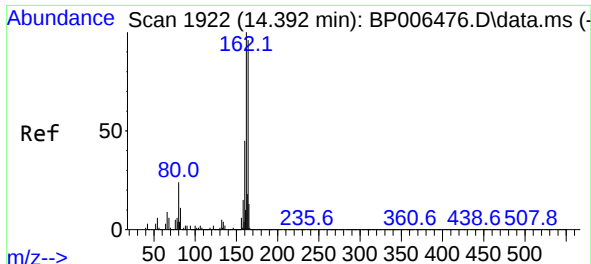
Tgt Ion:128 Resp: 4002447
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.4 10.7 16.1



#38
1-Methylnaphthalene
Concen: 2.974 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

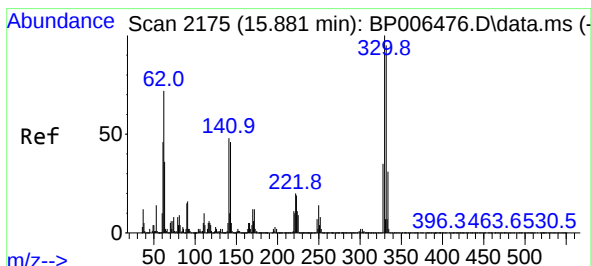
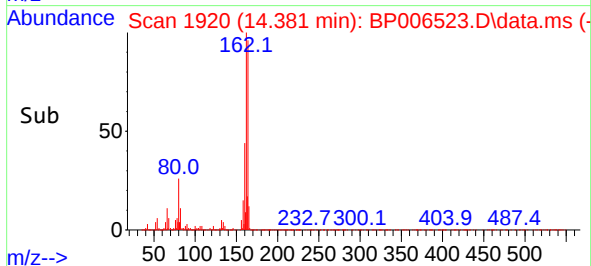
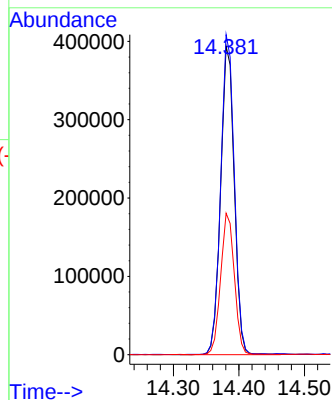
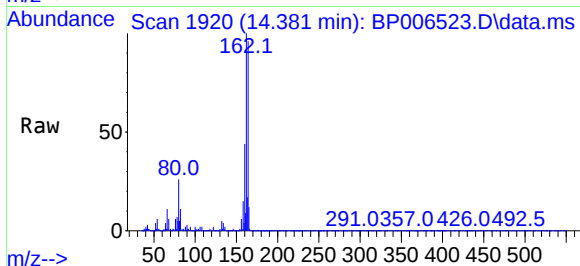




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

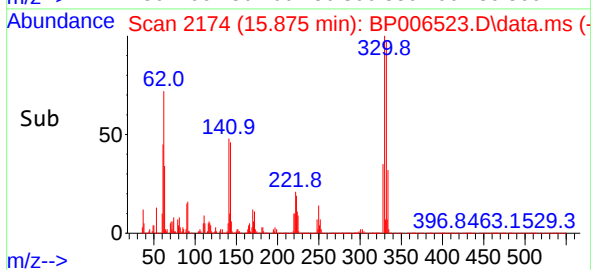
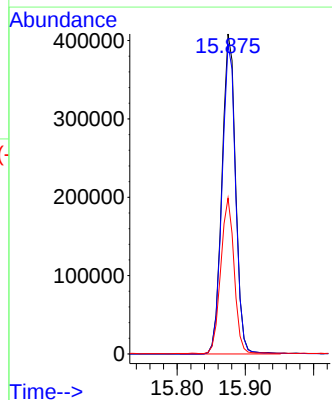
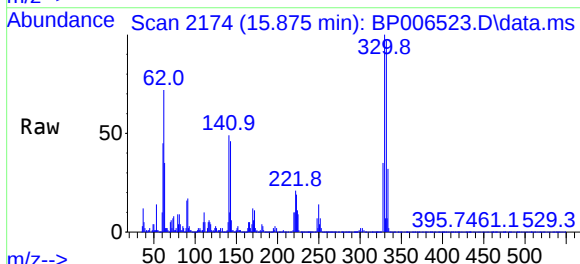
Instrument :
BNA_P
ClientSampleId :
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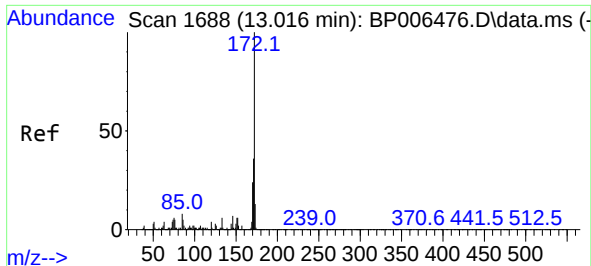
Tgt Ion:164 Resp: 564853
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 45.9 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 96.413 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#

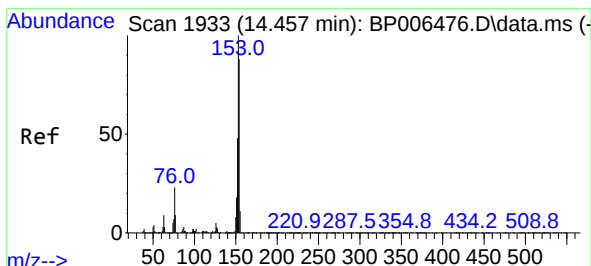
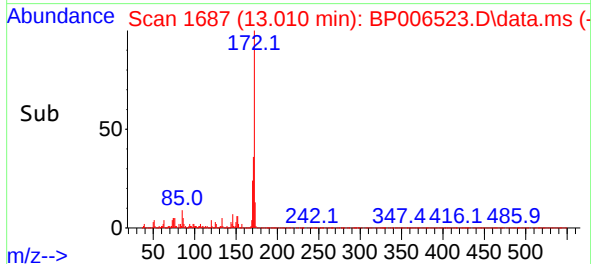
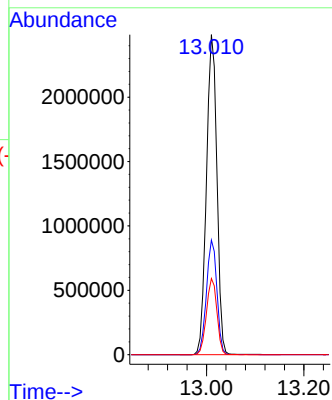
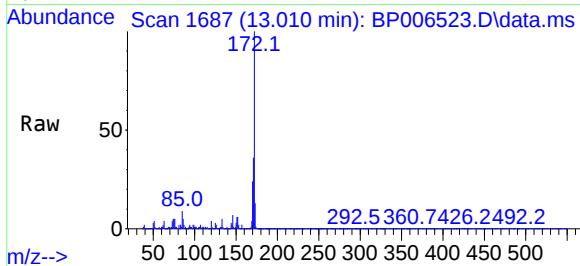




#45
2-Fluorobiphenyl
Concen: 97.812 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

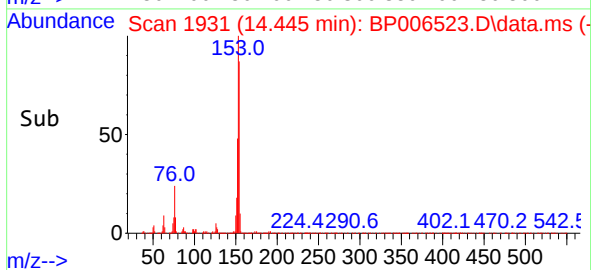
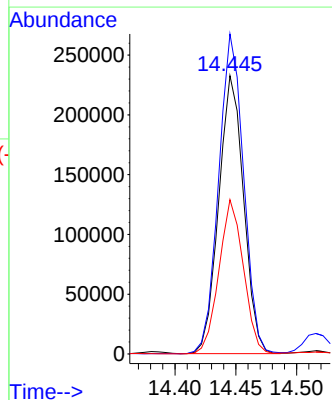
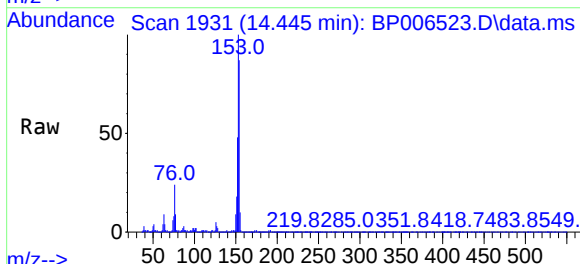
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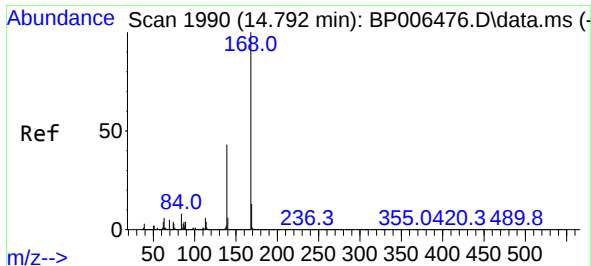
Tgt Ion:172 Resp: 3692810
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.8 18.6 27.8



#52
Acenaphthene
Concen: 10.249 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

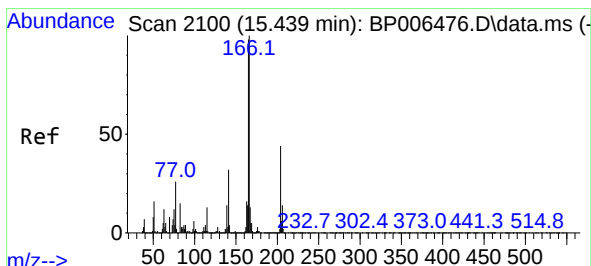
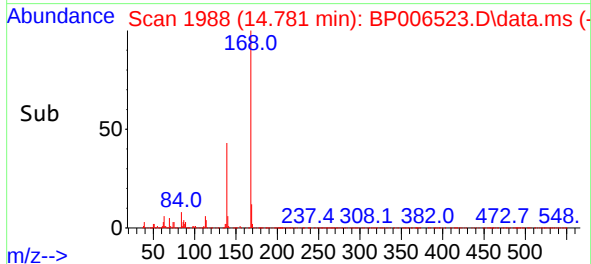
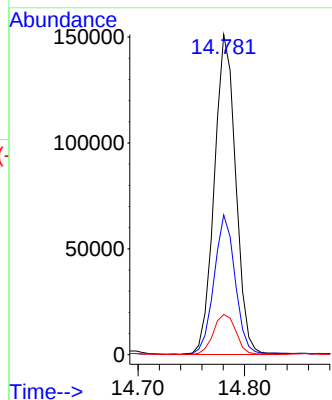
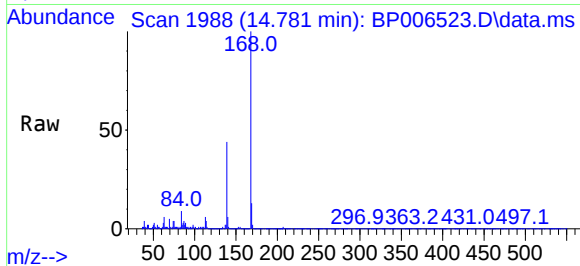




#55
Dibenzenofuran
Concen: 4.153 ng
RT: 14.781 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

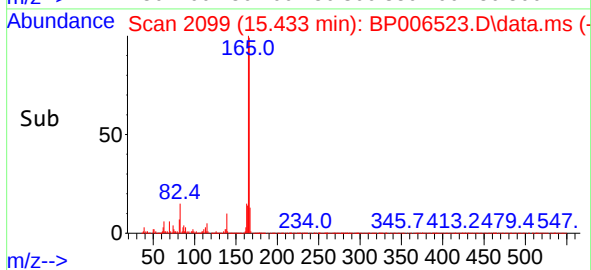
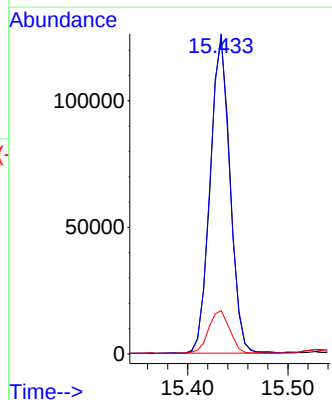
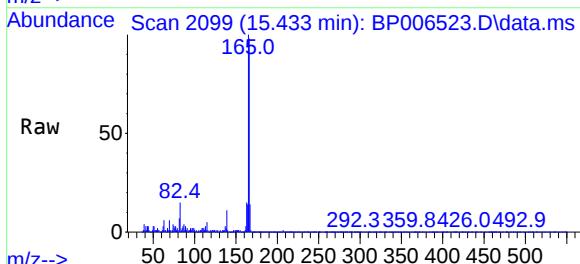
Instrument :
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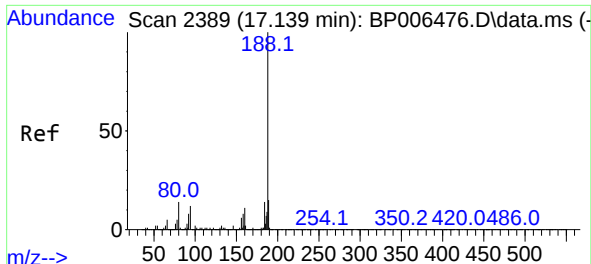
Tgt Ion:168 Resp: 211073
Ion Ratio Lower Upper
168 100
139 43.6 31.0 46.6
169 12.6 10.8 16.2



#58
Fluorene
Concen: 4.251 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

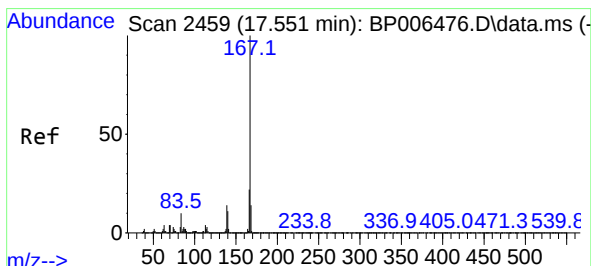
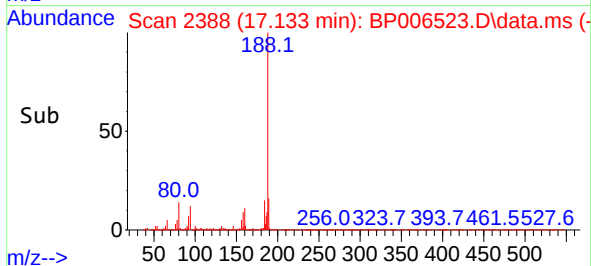
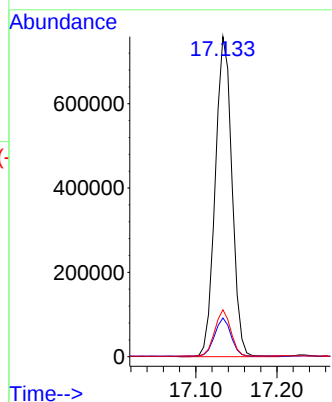
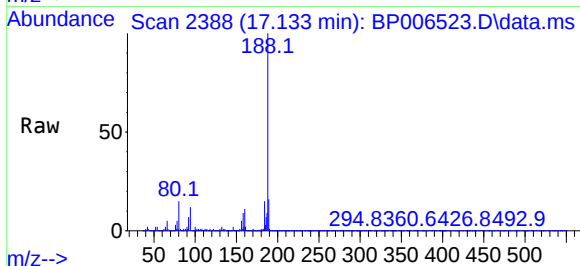




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

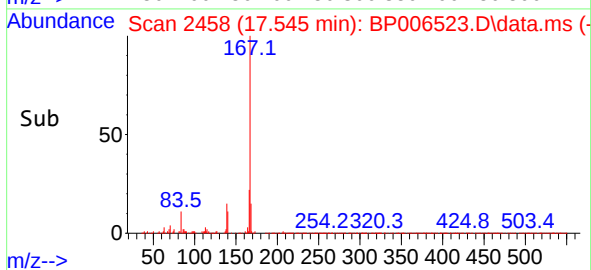
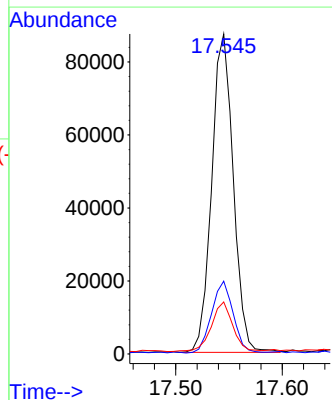
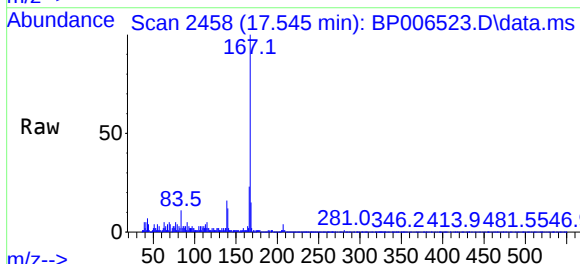
Instrument :
BNA_P
ClientSampleId :
TWP02

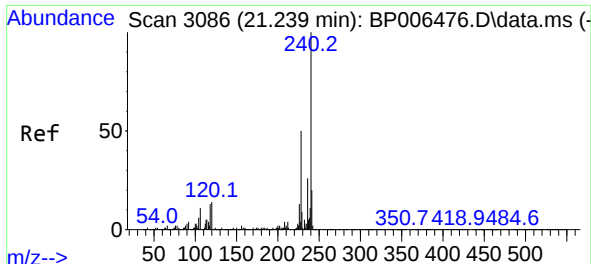
Tgt Ion:188 Resp: 1083394
Ion Ratio Lower Upper
188 100
94 12.1 5.6 8.4#
80 14.6 6.3 9.5#



#73
Carbazole
Concen: 2.038 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#

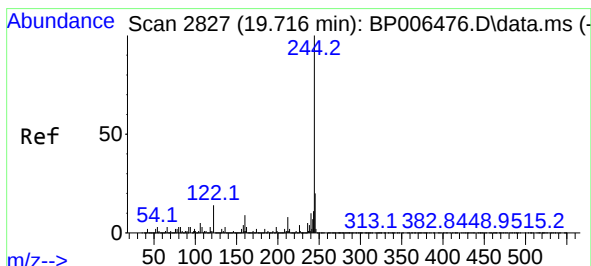
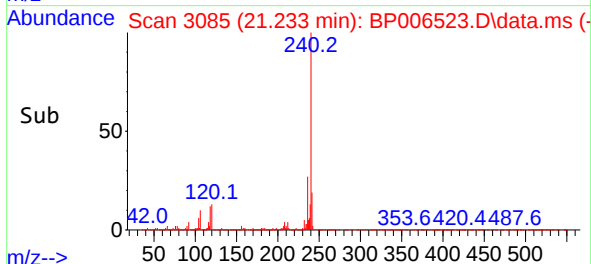
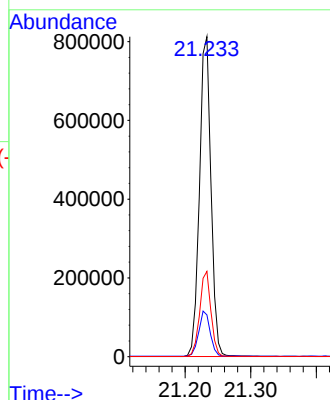
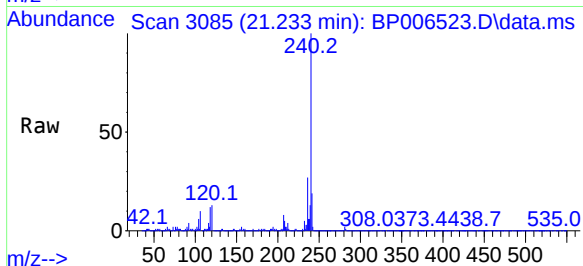




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

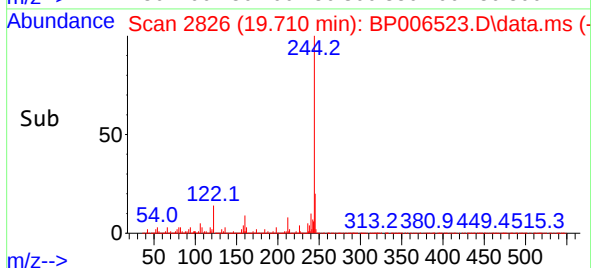
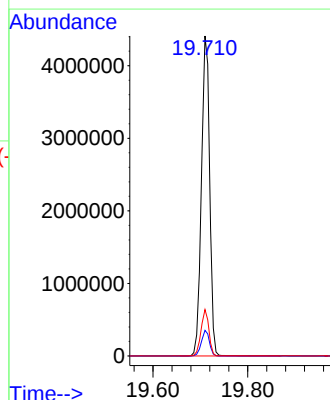
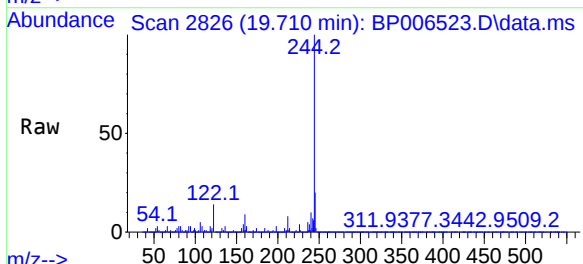
Instrument :
BNA_P
ClientSampleId :
TWP02

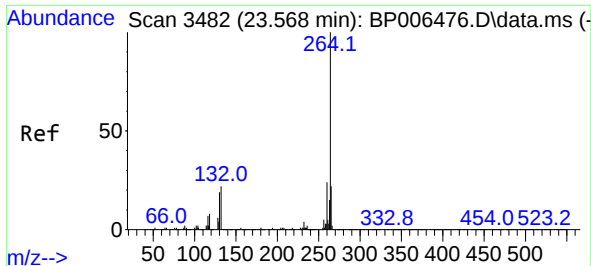
Tgt Ion:240 Resp: 993562
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 26.7 20.6 31.0



#79
Terphenyl-d14
Concen: 107.056 ng
RT: 19.710 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP006523.D
Acq: 06 Aug 2021 00:54

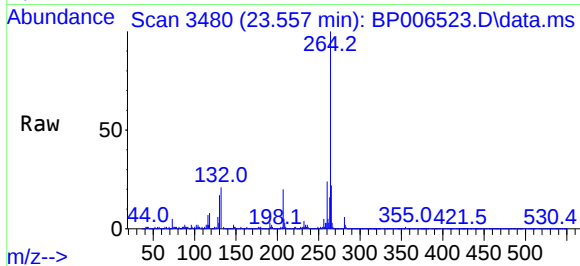
Tgt Ion:244 Resp: 5308301
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 14.5 7.1 10.7#





#86
Perylene-d12
Concen: 20.000 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

