

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
 Data File : BP006557.D
 Acq On : 07 Aug 2021 01:37
 Operator : CG/JU
 Sample : M3279-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20210577-COM-50

Quant Time: Aug 07 05:41:53 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)

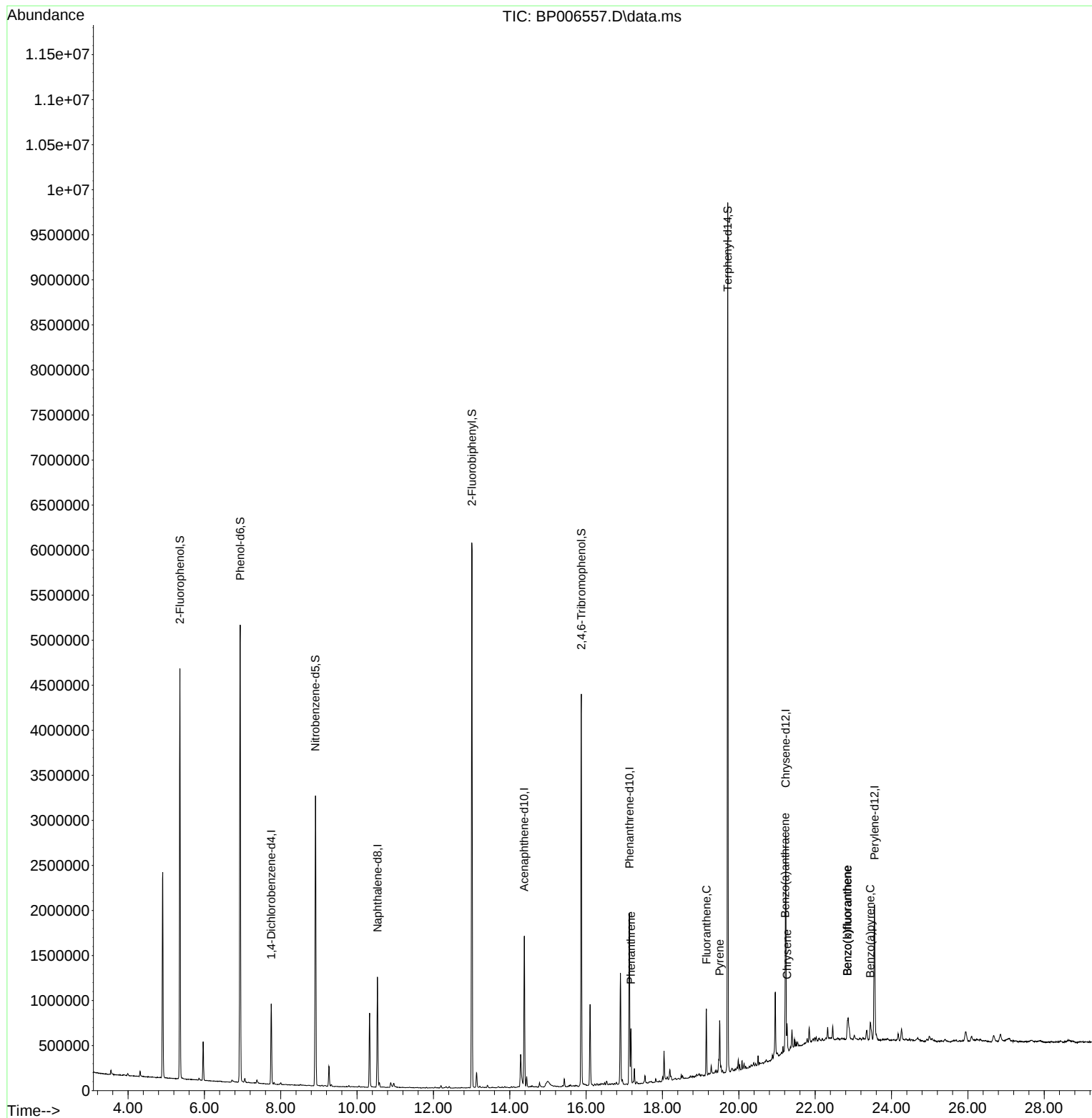
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	217922	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	924962	20.000	ng	#-0.01
39) Acenaphthene-d10	14.381	164	521075	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	1012369	20.000	ng	# 0.00
76) Chrysene-d12	21.227	240	950940	20.000	ng	#-0.01
86) Perylene-d12	23.557	264	998351	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1816274	128.013	ng	0.00
7) Phenol-d6	6.940	99	2794327	138.645	ng	0.00
23) Nitrobenzene-d5	8.910	82	1907852	95.206	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	627496	115.226	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2854627	81.963	ng	0.00
79) Terphenyl-d14	19.710	244	3757031	79.167	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.175	178	333317	5.837	ng	99
75) Fluoranthene	19.151	202	380934	5.943	ng	95
78) Pyrene	19.498	202	314230	4.947	ng	99
81) Benzo(a)anthracene	21.216	228	182166	2.931	ng	98
83) Chrysene	21.263	228	144254	2.394	ng	97
88) Benzo(b)fluoranthene	22.845	252	180389	2.780	ng	# 91
89) Benzo(k)fluoranthene	22.845	252	180389	2.896	ng	# 91
90) Benzo(a)pyrene	23.445	252	129570	2.226	ng	# 88

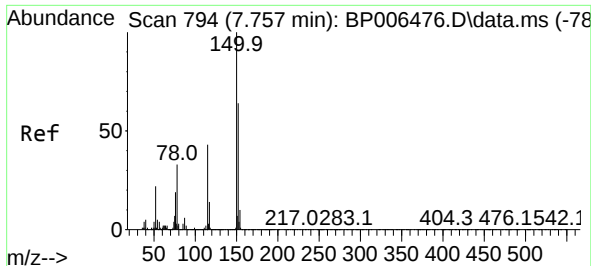
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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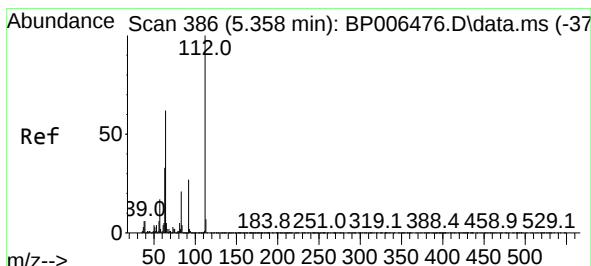
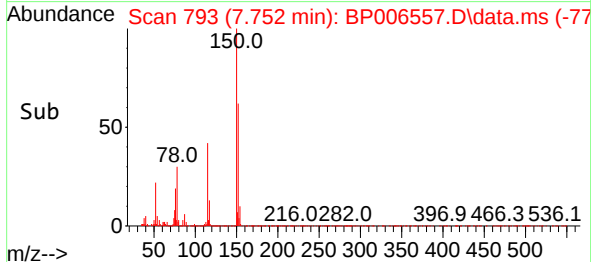
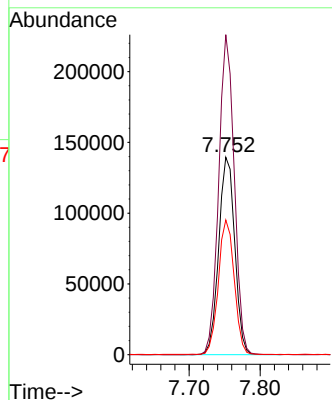
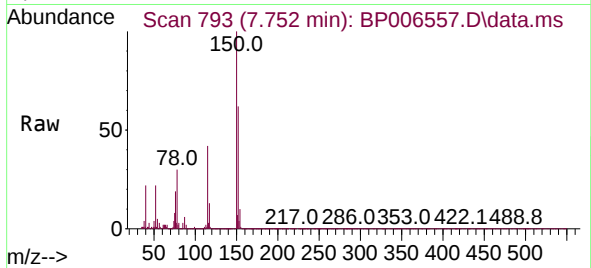




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 793
Delta R.T. -0.005 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

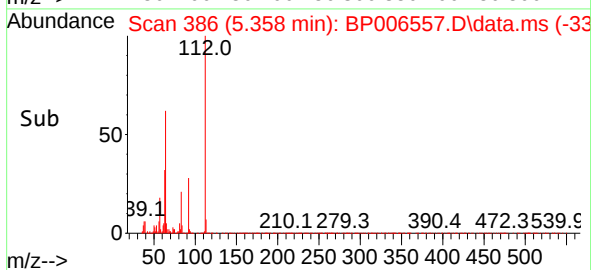
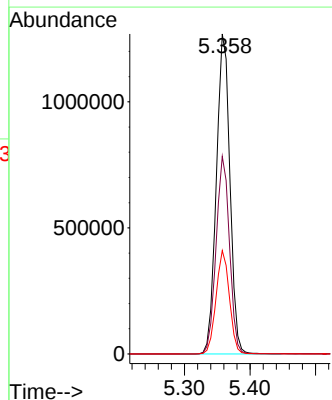
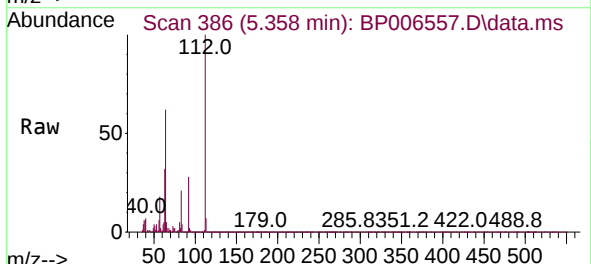
Instrument :
BNA_P
ClientSampleId :
20210577-COM-50

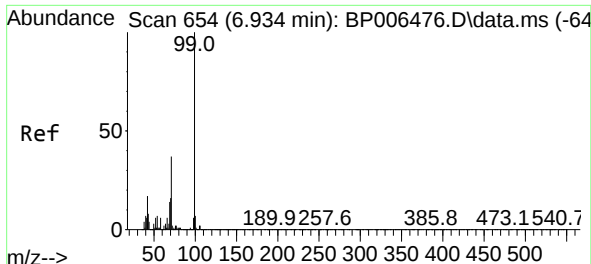
Tgt Ion:152 Resp: 217922
Ion Ratio Lower Upper
152 100
150 162.1 125.6 188.4
115 68.2 48.5 72.7



#5
2-Fluorophenol
Concen: 128.013 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:112 Resp: 1816274
Ion Ratio Lower Upper
112 100
64 61.8 41.4 62.2
63 32.3 23.8 35.8



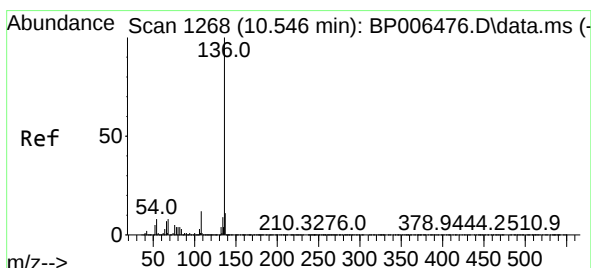
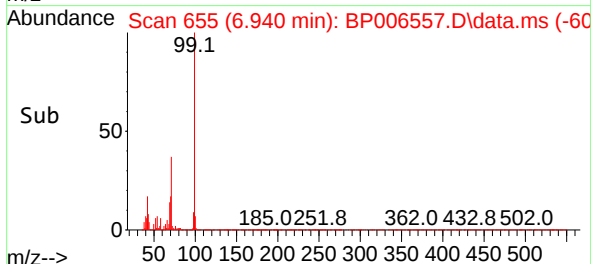
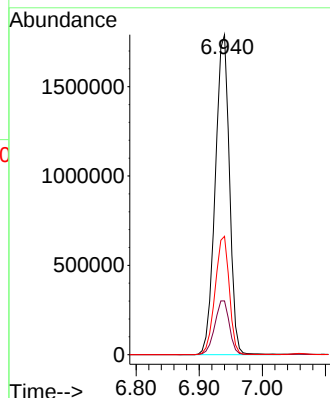
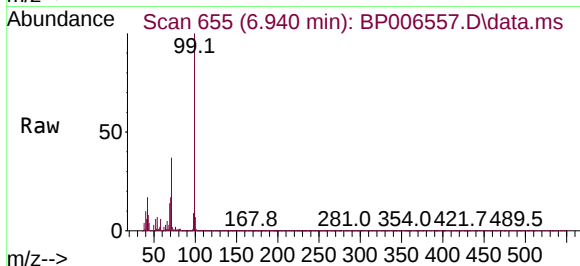


#7
Phenol-d6
Concen: 138.645 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Instrument :
BNA_P
ClientSampleId :
20210577-COM-50

Tgt Ion: 99 Resp: 2794327

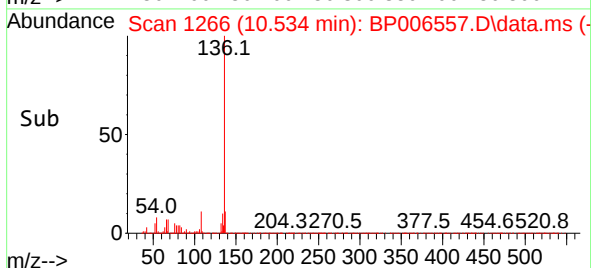
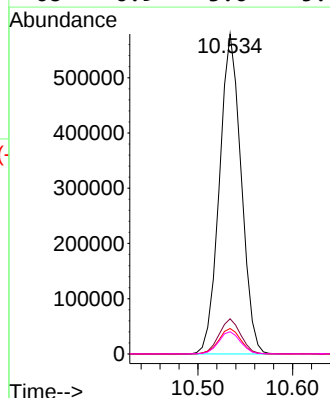
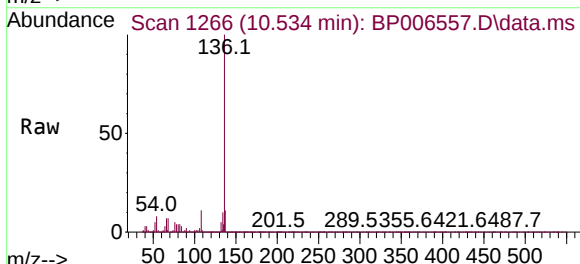
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	37.0	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion: 136 Resp: 924962

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.0	4.6	6.8#
68	6.9	3.6	5.4#

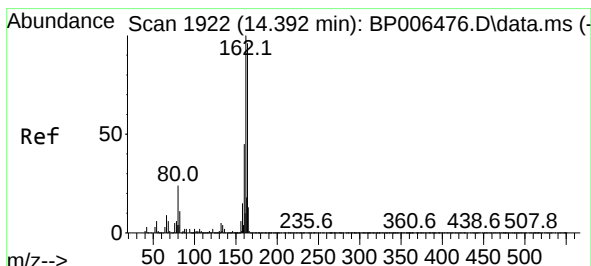
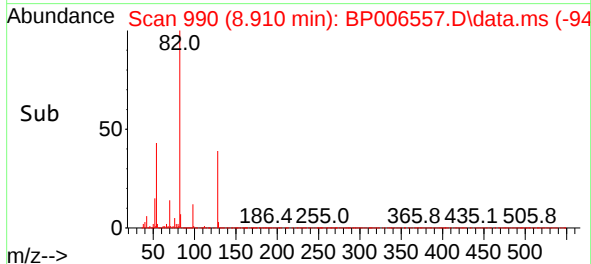
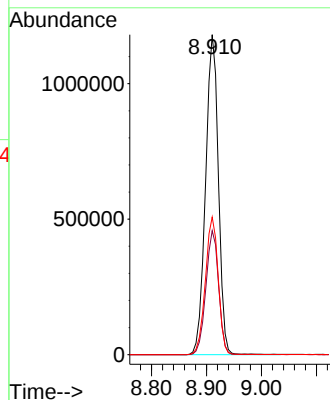
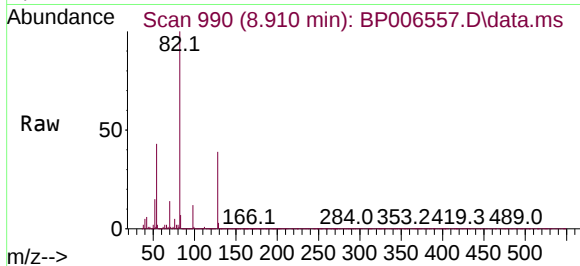




#23
Nitrobenzene-d5
Concen: 95.206 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

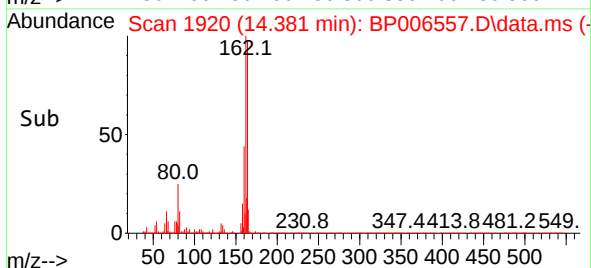
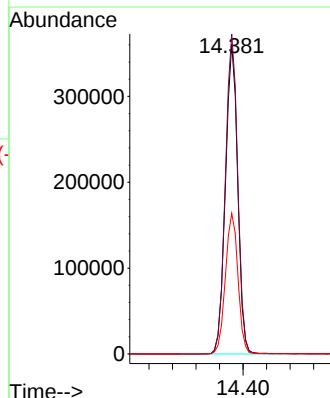
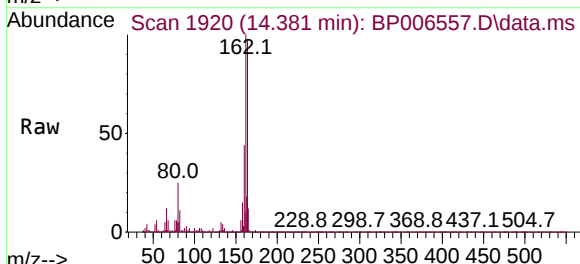
Instrument :
BNA_P
ClientSampleId :
20210577-COM-50

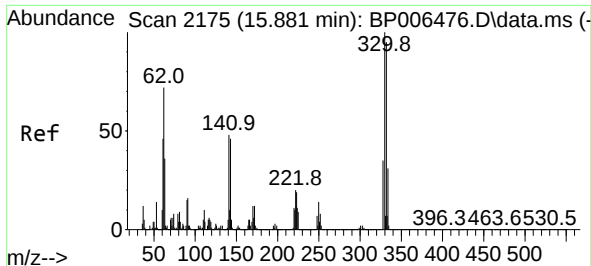
Tgt Ion: 82 Resp: 1907852
Ion Ratio Lower Upper
82 100
128 38.7 35.7 53.5
54 43.0 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:164 Resp: 521075
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 45.4 34.5 51.7

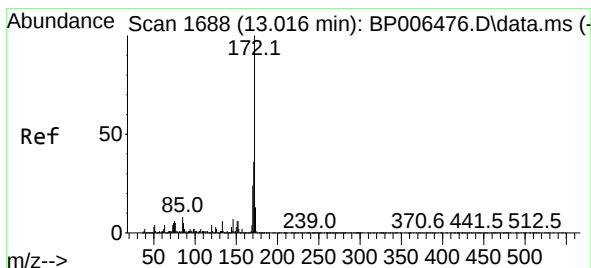
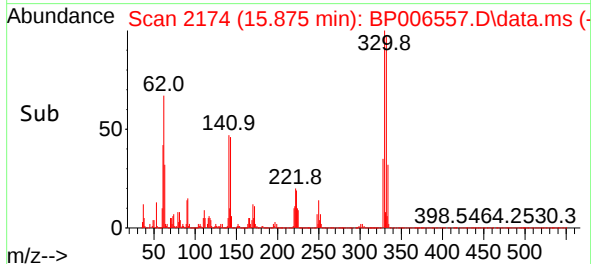
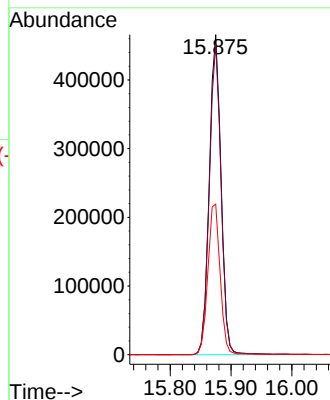
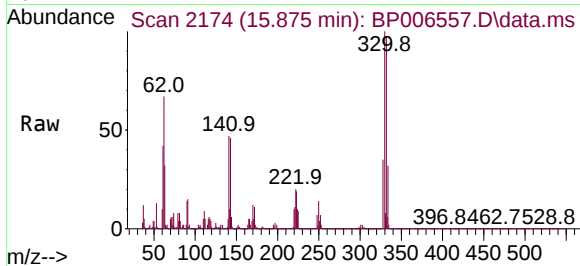




#42
2,4,6-Tribromophenol
Concen: 115.226 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

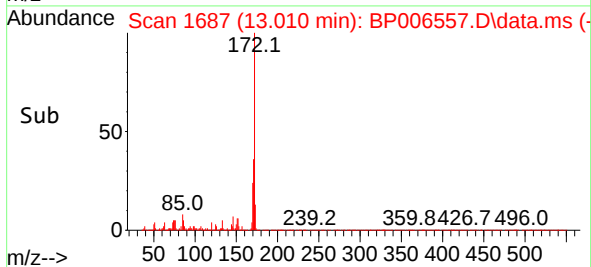
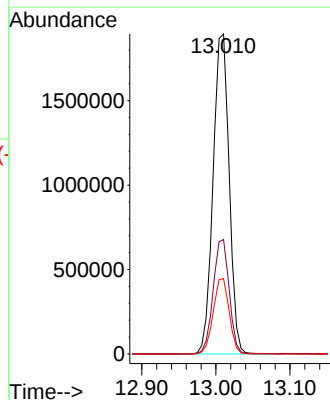
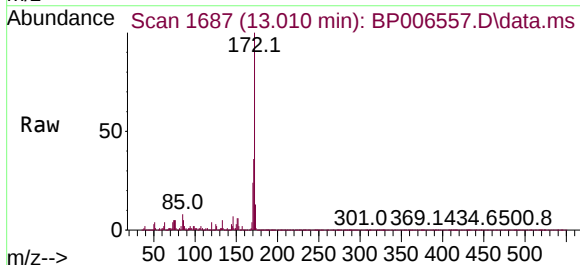
Instrument :
BNA_P
ClientSampleId :
20210577-COM-50

Tgt Ion:330 Resp: 627496
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 49.0 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 81.963 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:172 Resp: 2854627
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.6 18.6 27.8

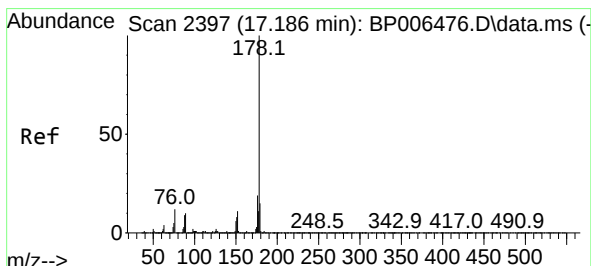
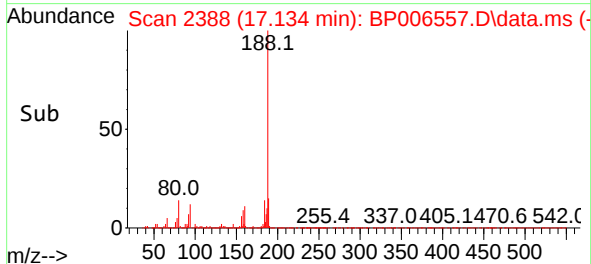
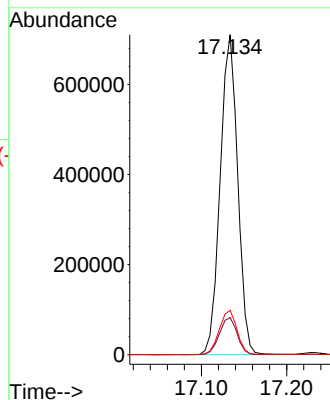
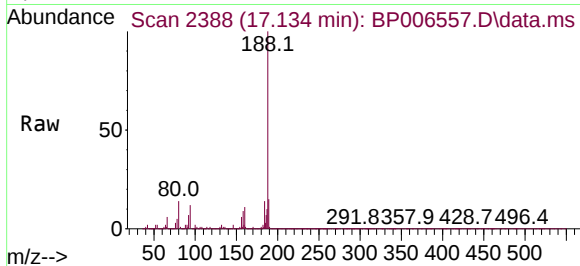




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

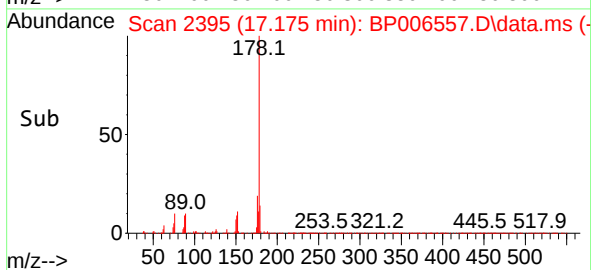
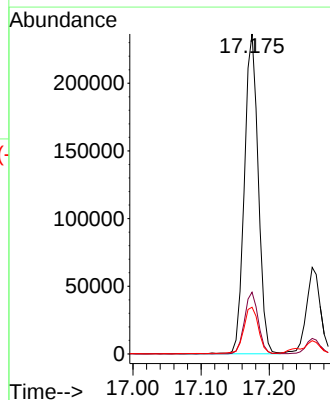
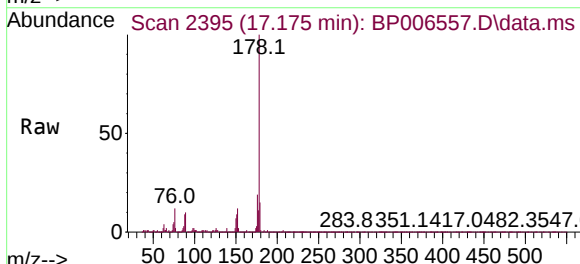
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ClientSampleId :
20210577-COM-50

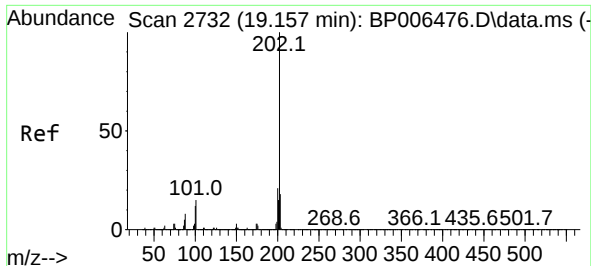
Tgt Ion:188 Resp: 1012369
Ion Ratio Lower Upper
188 100
94 11.6 5.6 8.4#
80 13.9 6.3 9.5#



#71
Phenanthrene
Concen: 5.837 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:178 Resp: 333317
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 14.6 12.4 18.6

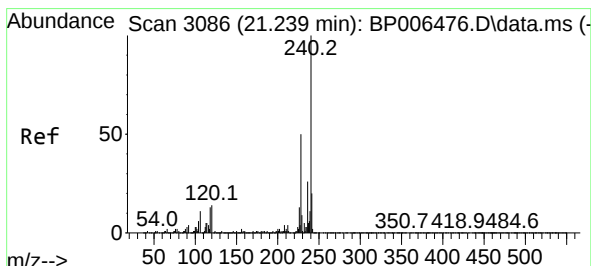
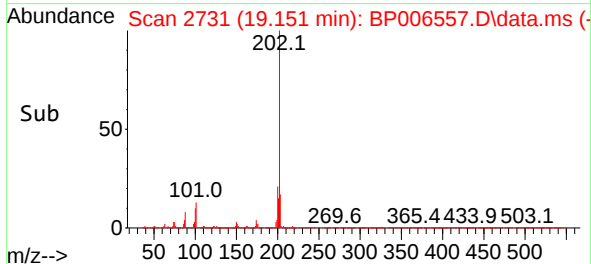
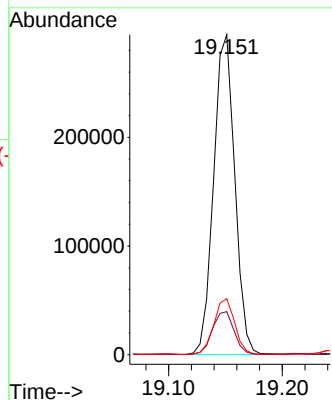
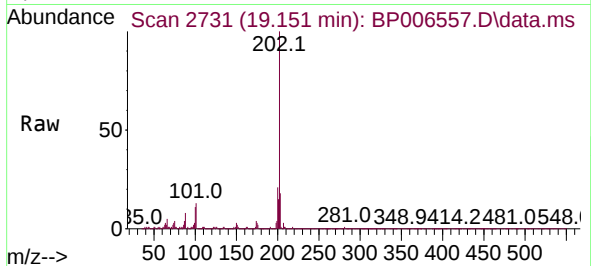




#75
Fluoranthene
Concen: 5.943 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

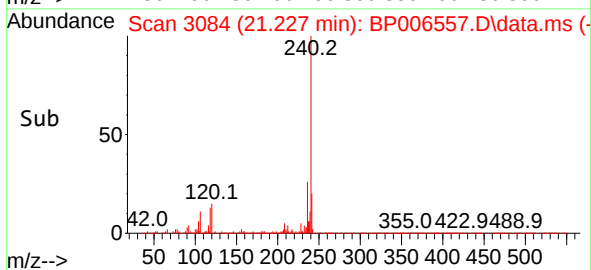
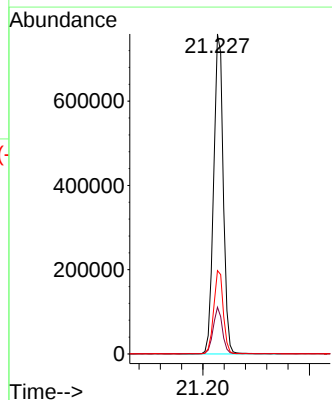
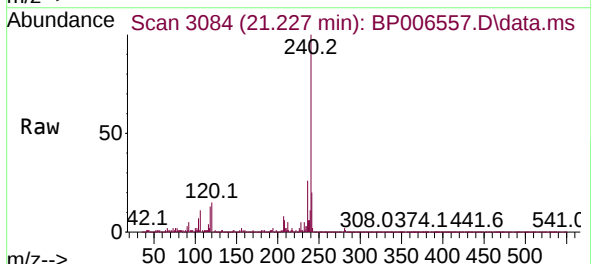
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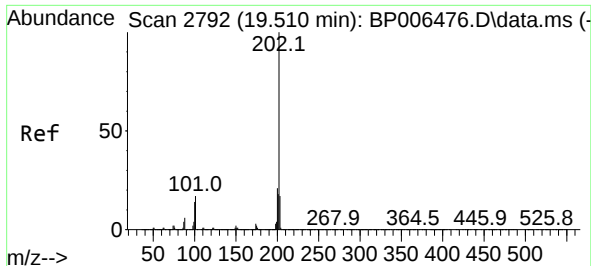
Tgt Ion:202 Resp: 380934
Ion Ratio Lower Upper
202 100
101 13.5 0.0 27.6
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.012 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:240 Resp: 950940
Ion Ratio Lower Upper
240 100
120 14.6 6.5 9.7#
236 26.1 20.6 31.0

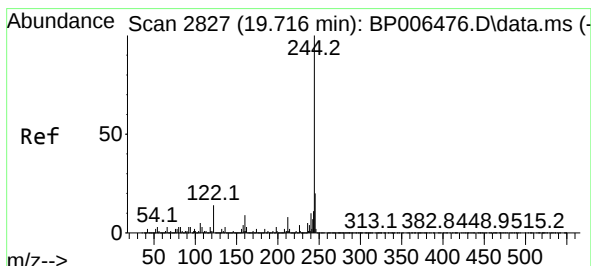
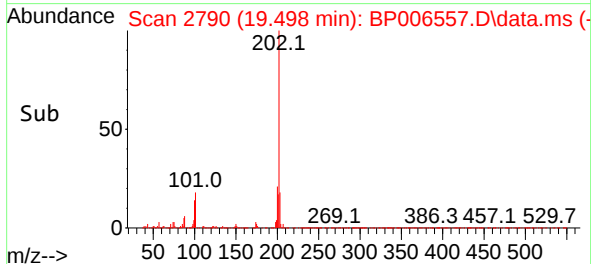
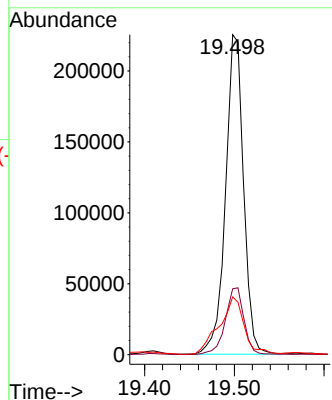
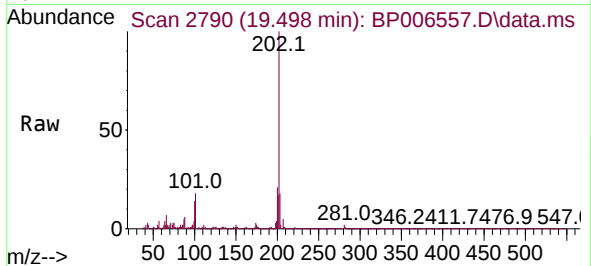




#78
Pyrene
Concen: 4.947 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.012 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

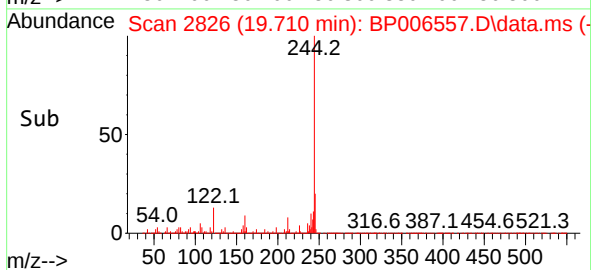
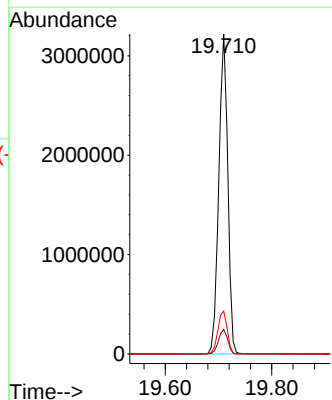
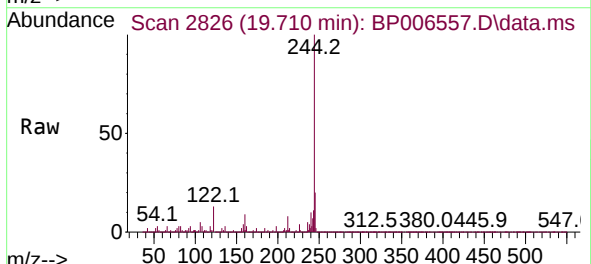
Instrument :
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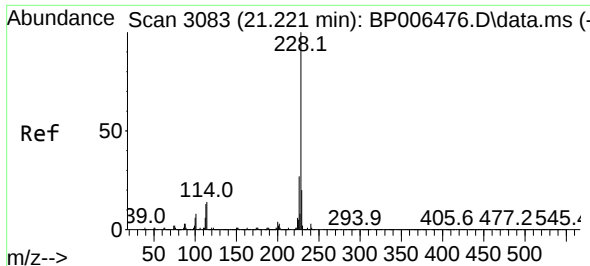
Tgt Ion:202 Resp: 314230
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 79.167 ng
RT: 19.710 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:244 Resp: 3757031
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.4 7.1 10.7#

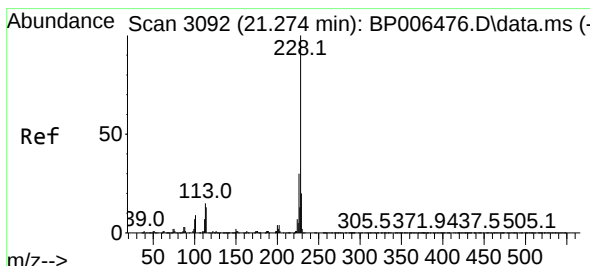
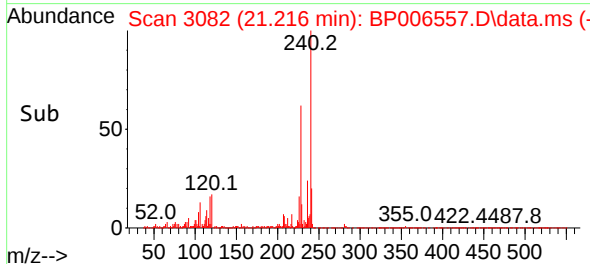
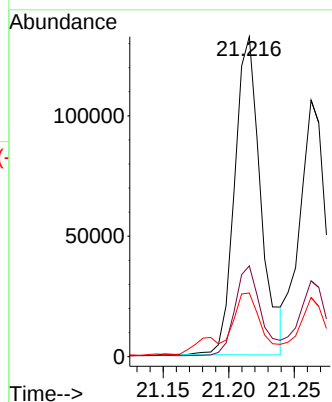
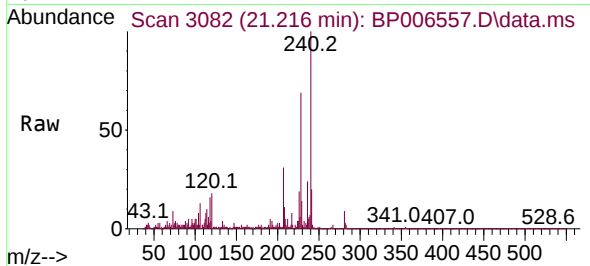




#81
Benzo(a)anthracene
Concen: 2.931 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

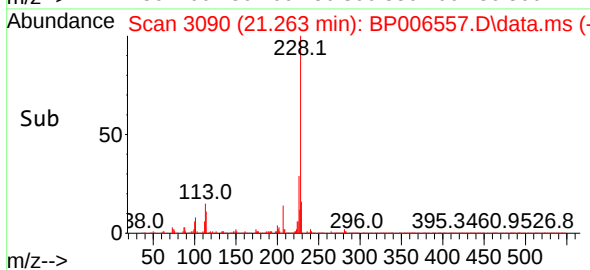
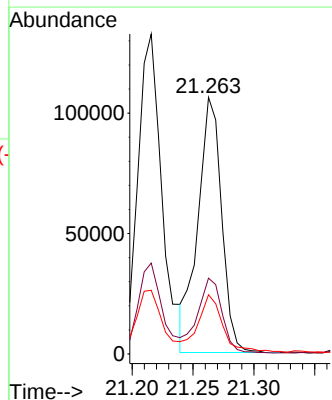
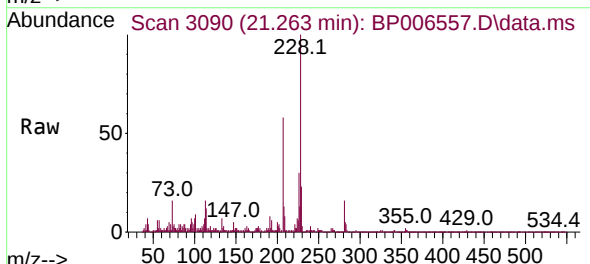
Instrument :
BNA_P
ClientSampleId :
20210577-COM-50

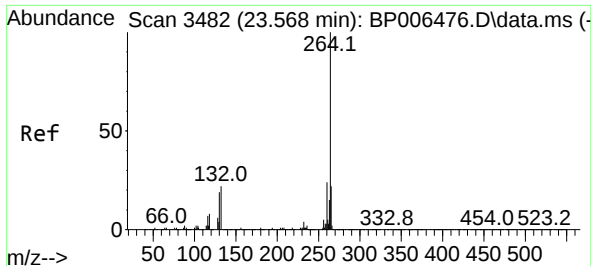
Tgt Ion:228 Resp: 182166
Ion Ratio Lower Upper
228 100
226 28.4 21.6 32.4
229 19.9 15.8 23.6



#83
Chrysene
Concen: 2.394 ng
RT: 21.263 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:228 Resp: 144254
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 23.1 15.4 23.2

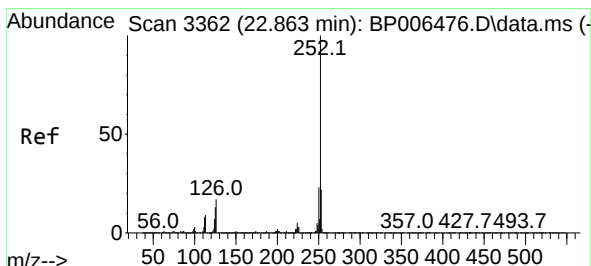
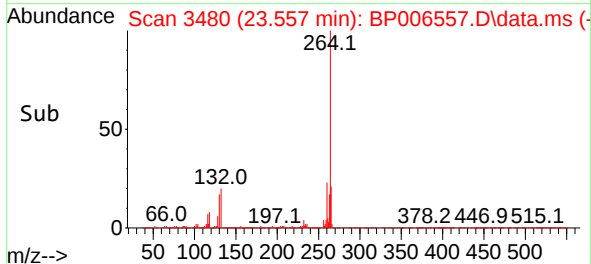
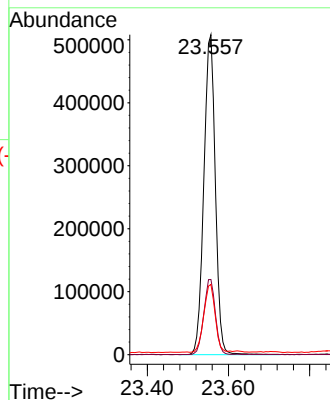
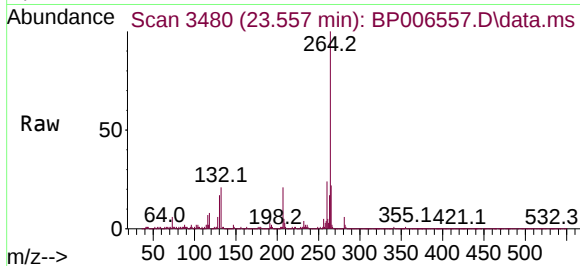




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.557 min Scan# 3480
Delta R.T. -0.012 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

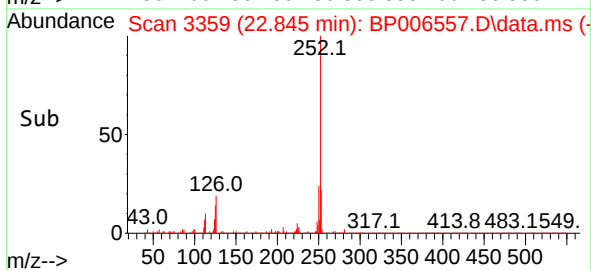
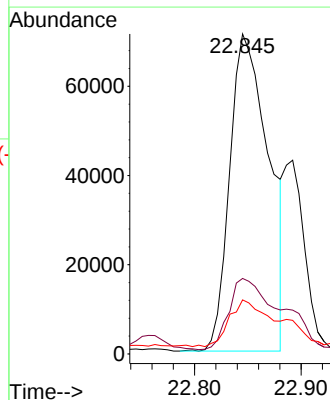
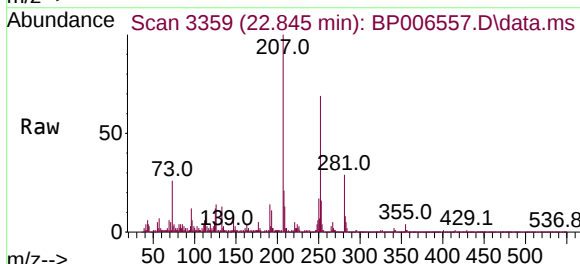
Instrument :
BNA_P
ClientSampleId :
20210577-COM-50

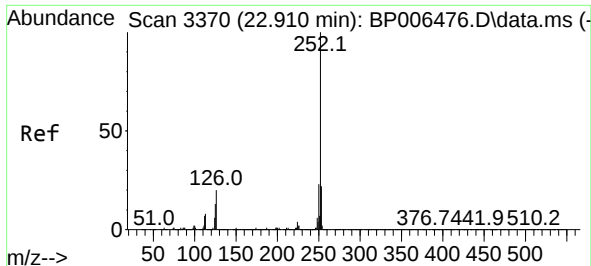
Tgt Ion:264 Resp: 998351
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 22.0 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.780 ng
RT: 22.845 min Scan# 3359
Delta R.T. -0.018 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:252 Resp: 180389
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 16.9 6.2 9.4#

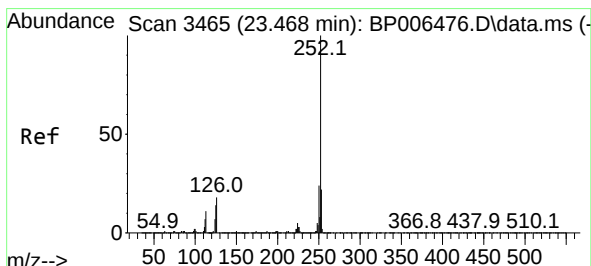
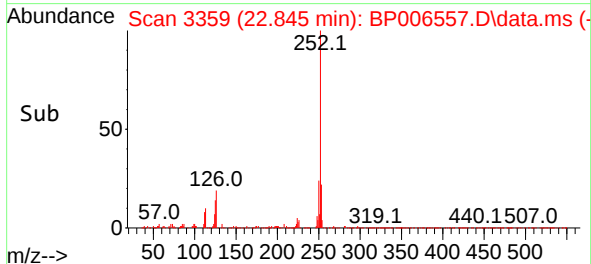
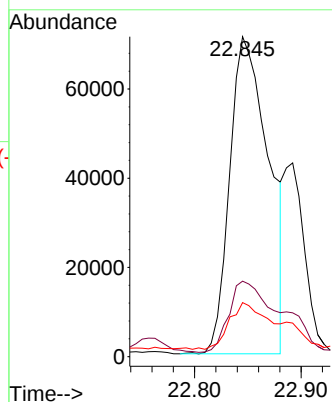
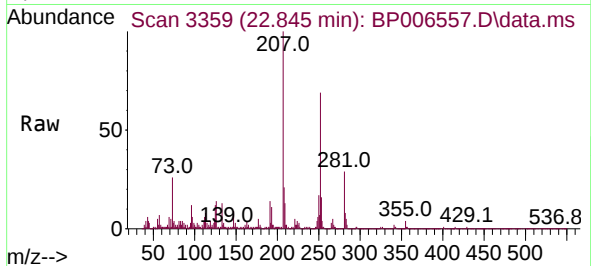




#89
Benzo(k)fluoranthene
Concen: 2.896 ng
RT: 22.845 min Scan# 3359
Delta R.T. -0.065 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Instrument :
BNA_P
ClientSampleId :
20210577-COM-50

Tgt Ion:252 Resp: 180389
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 16.9 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.226 ng
RT: 23.445 min Scan# 3461
Delta R.T. -0.023 min
Lab File: BP006557.D
Acq: 07 Aug 2021 01:37

Tgt Ion:252 Resp: 129570
Ion Ratio Lower Upper
252 100
253 26.1 17.9 26.9
125 15.8 6.5 9.7#

