

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009659.D
 Acq On : 01 Apr 2022 15:48
 Operator : CG/JU
 Sample : N2220-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A11105

Quant Time: Apr 01 22:44:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

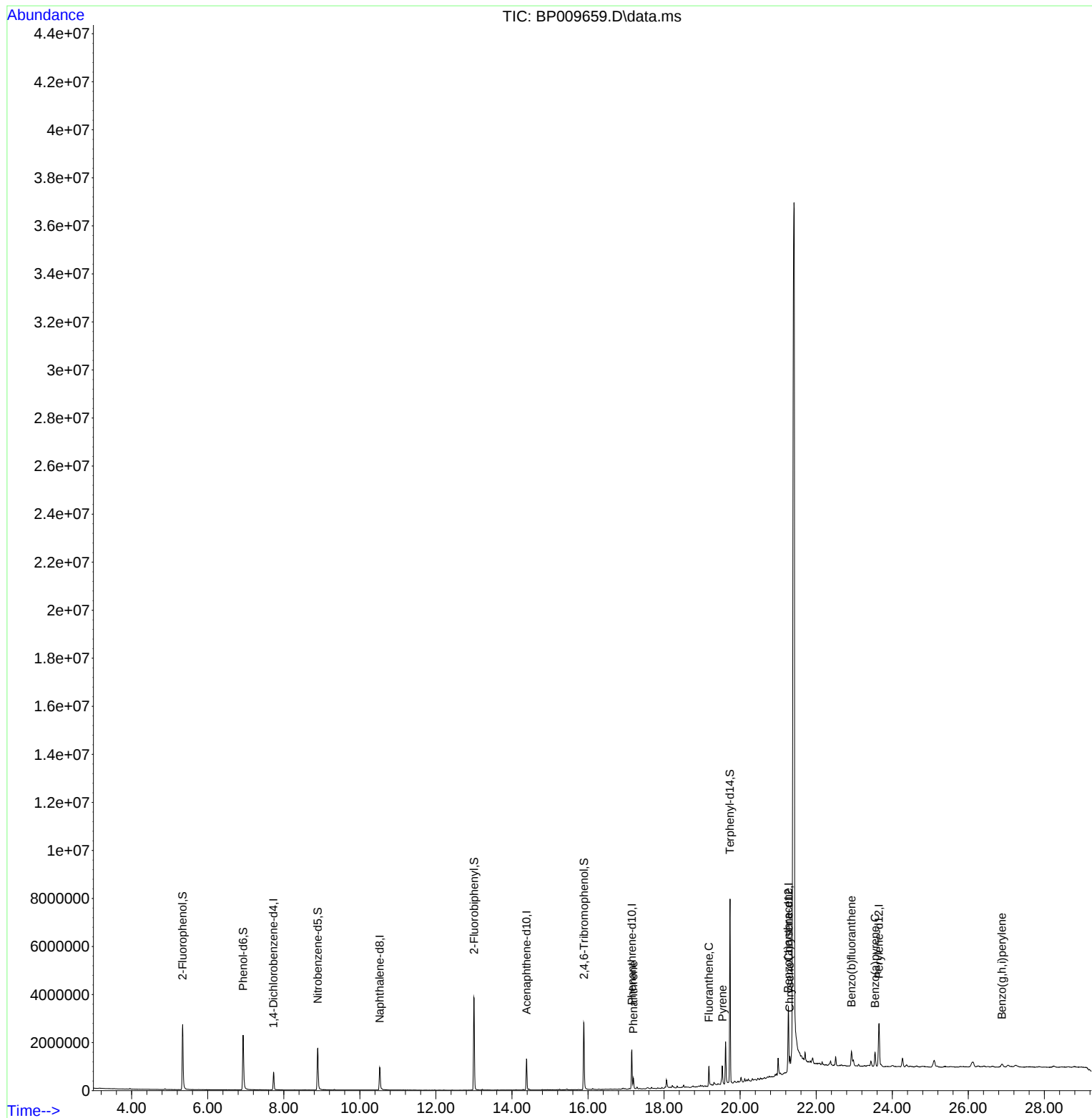
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	232606	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	956839	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	502368	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1088149	20.000	ng	0.00
76) Chrysene-d12	21.269	240	1346514	20.000	ng	0.00
86) Perylene-d12	23.651	264	1433745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1489906	111.832	ng	0.00
7) Phenol-d6	6.928	99	1809009	100.405	ng	0.00
23) Nitrobenzene-d5	8.893	82	1288062	71.536	ng	0.00
42) 2,4,6-Tribromophenol	15.893	330	713196	86.032	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2331627	64.342	ng	0.00
79) Terphenyl-d14	19.734	244	3950174	52.655	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.192	178	304465	5.227	ng	100
75) Fluoranthene	19.181	202	527941	7.486	ng	98
78) Pyrene	19.534	202	508622	5.732	ng	100
81) Benzo(a)anthracene	21.257	228	319085	3.607	ng	99
83) Chrysene	21.304	228	275297	3.286	ng	98
88) Benzo(b)fluoranthene	22.927	252	385354	4.502	ng	# 96
90) Benzo(a)pyrene	23.545	252	257707	3.519	ng	97
92) Benzo(g,h,i)perylene	26.880	276	194979	2.186	ng	# 53

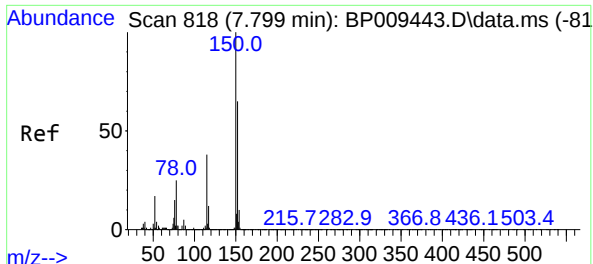
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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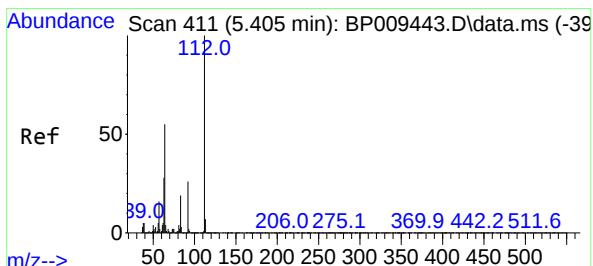
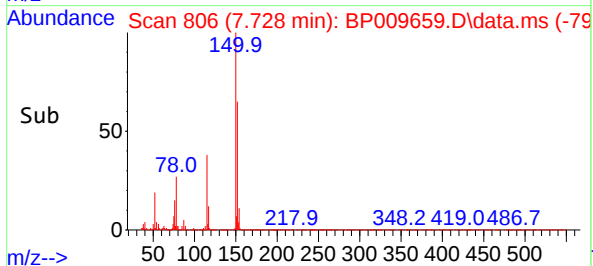
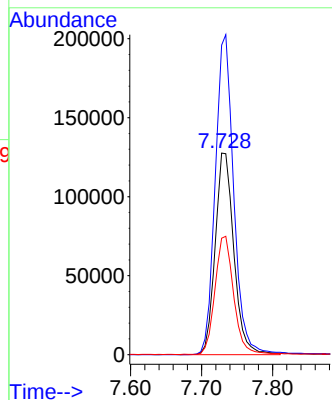
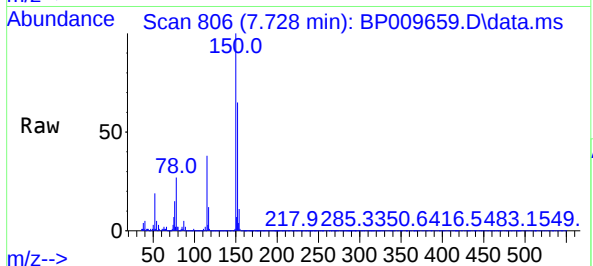




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

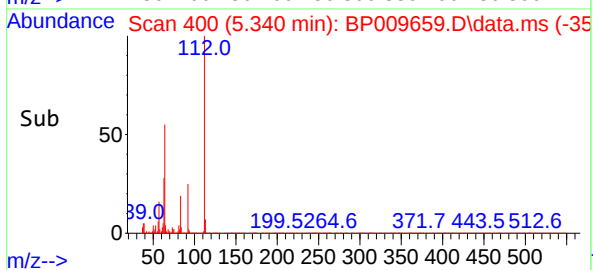
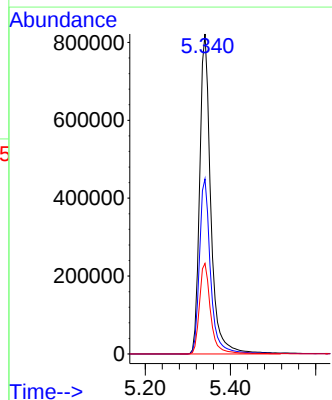
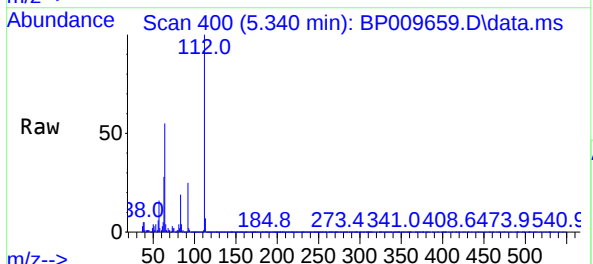
Instrument :
BNA_P
ClientSampleId :
A11105

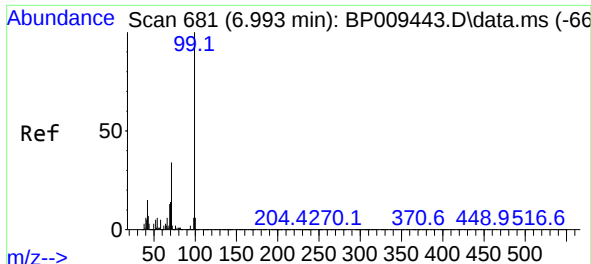
Tgt Ion:152 Resp: 232606
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 57.8 48.2 72.4



#5
2-Fluorophenol
Concen: 111.832 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Tgt Ion:112 Resp: 1489906
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 28.3 23.0 34.6

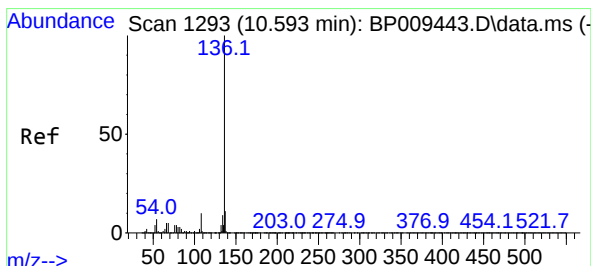
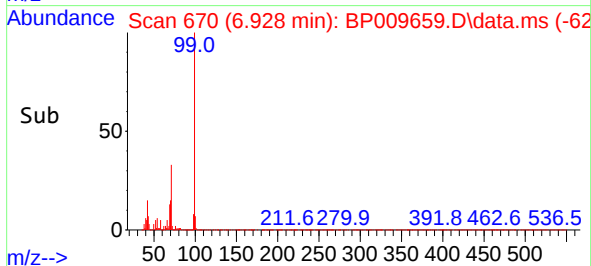
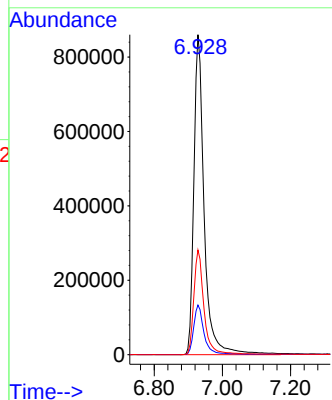
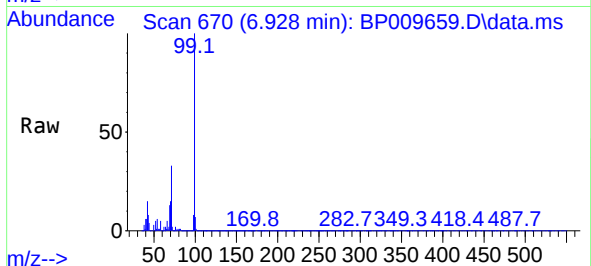




#7
Phenol-d6
Concen: 100.405 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

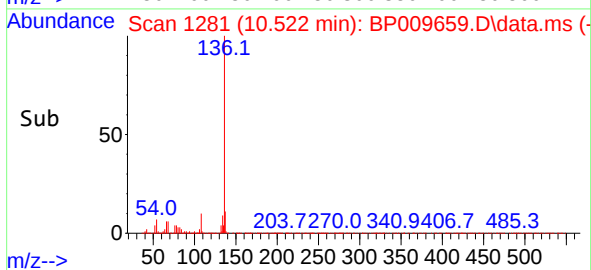
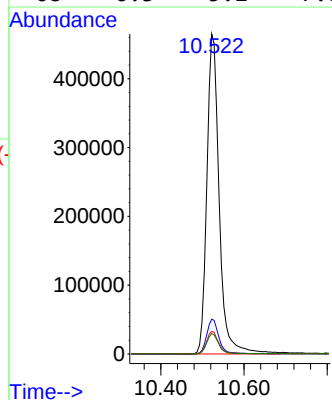
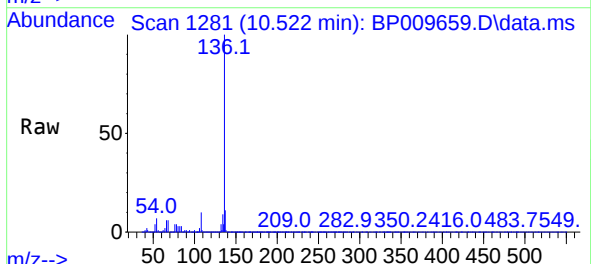
Instrument :
BNA_P
ClientSampleId :
A11105

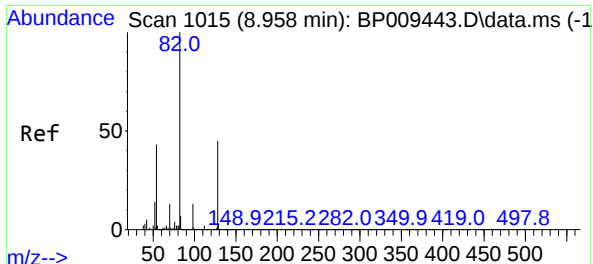
Tgt Ion: 99 Resp: 1809009
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Tgt Ion:136 Resp: 956839
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.0 5.8 8.8
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 71.536 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP009659.D

Acq: 01 Apr 2022 15:48

Instrument :

BNA_P

ClientSampleId :

A11105

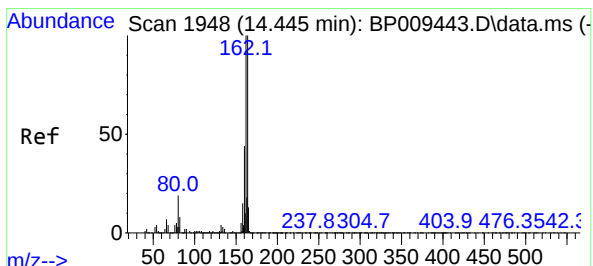
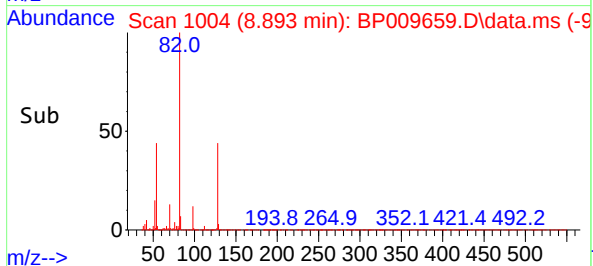
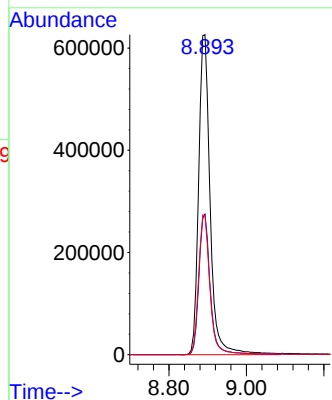
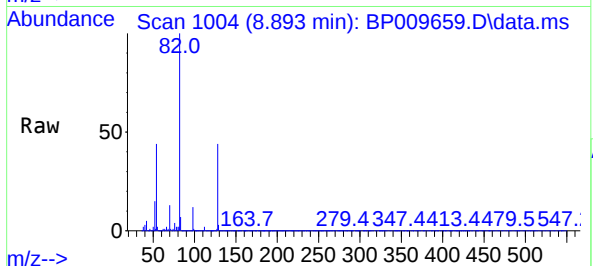
Tgt Ion: 82 Resp: 1288062

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.4

54 43.5 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BP009659.D

Acq: 01 Apr 2022 15:48

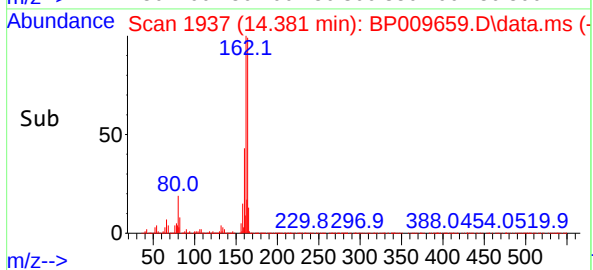
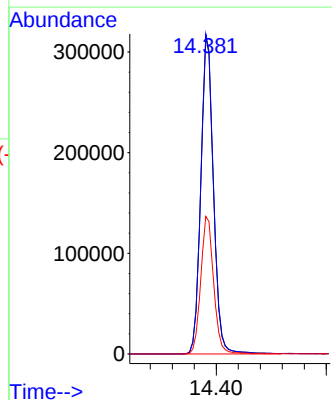
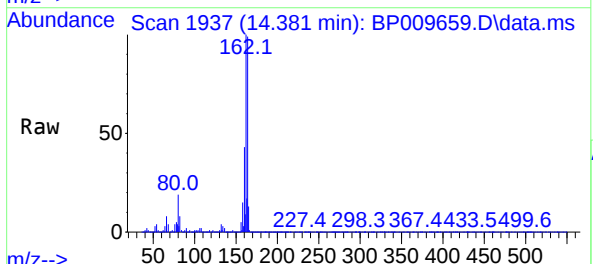
Tgt Ion: 164 Resp: 502368

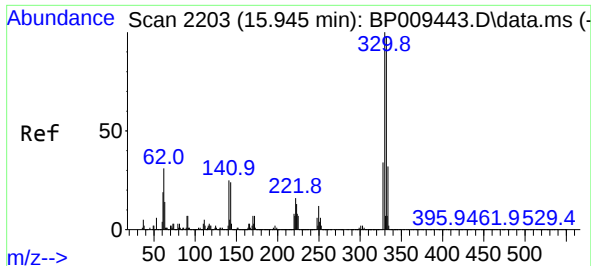
Ion Ratio Lower Upper

164 100

162 100.8 79.1 118.7

160 43.4 34.9 52.3

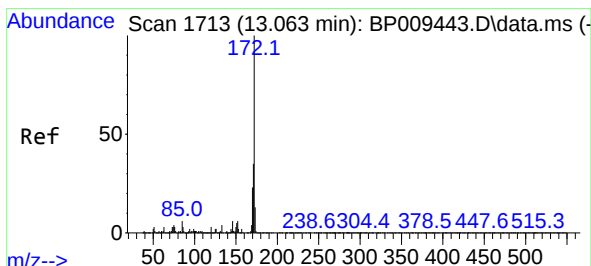
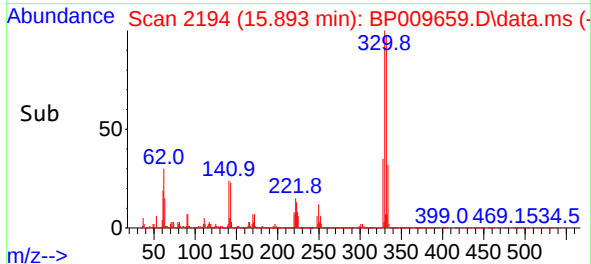
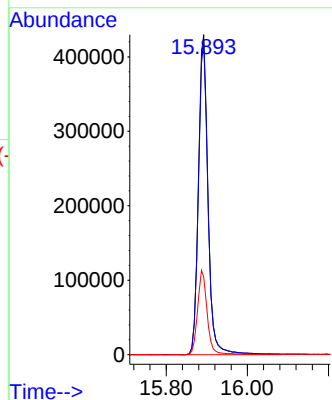
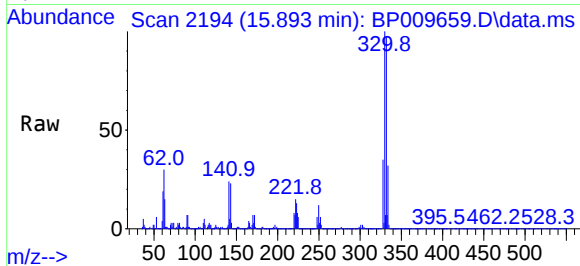




#42
2,4,6-Tribromophenol
Concen: 86.032 ng
RT: 15.893 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

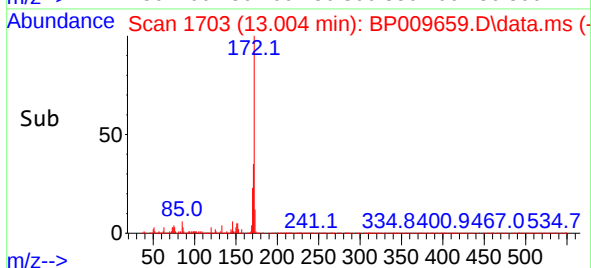
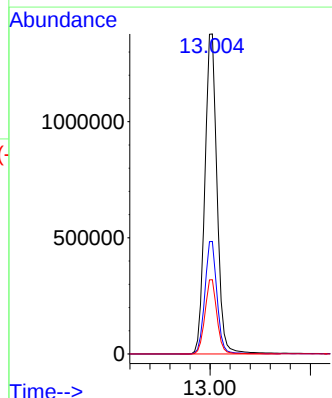
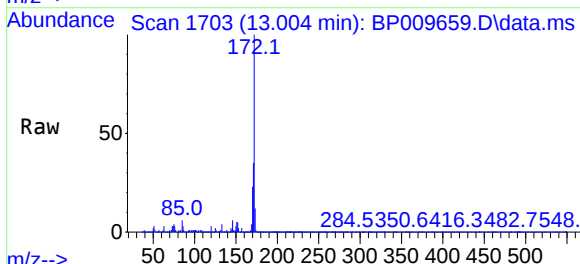
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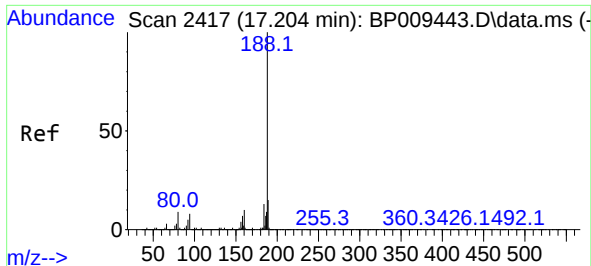
Tgt Ion:330 Resp: 713196
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 26.1 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 64.342 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Tgt Ion:172 Resp: 2331627
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.2 18.6 27.8

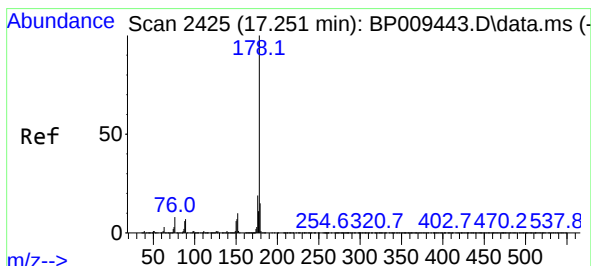
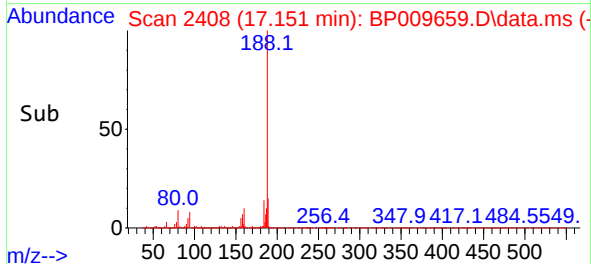
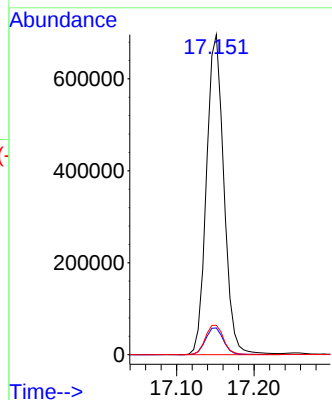
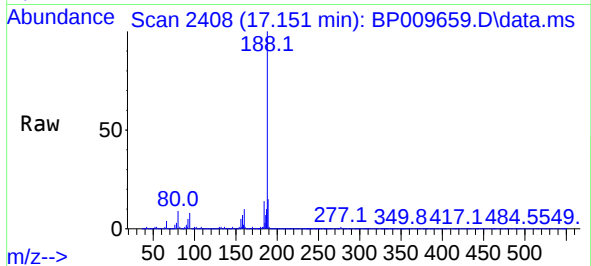




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

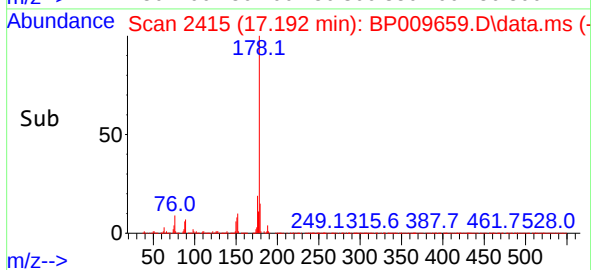
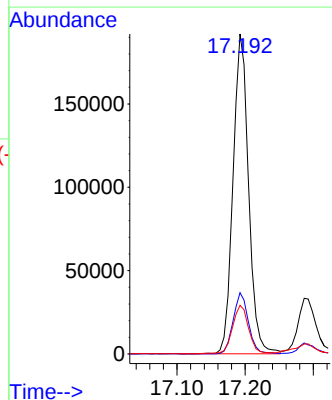
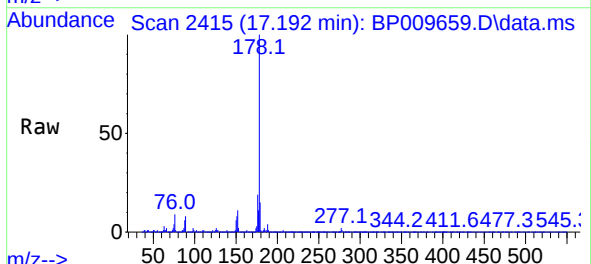
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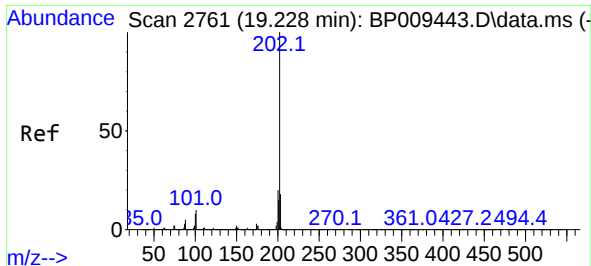
Tgt Ion:188 Resp: 1088149
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.2 8.8 13.2



#71
Phenanthrene
Concen: 5.227 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Tgt Ion:178 Resp: 304465
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.2 12.3 18.5

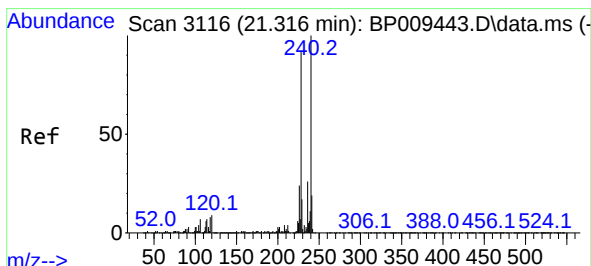
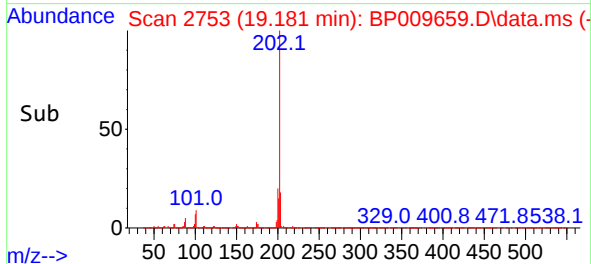
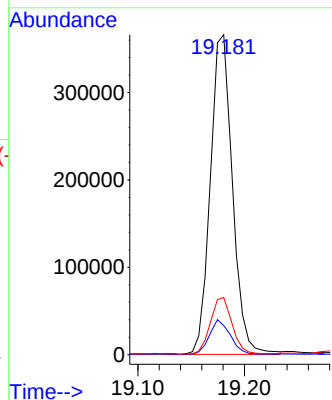
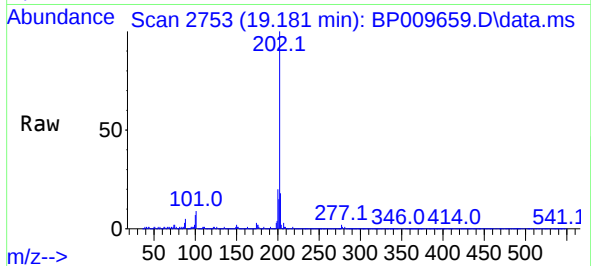




#75
Fluoranthene
Concen: 7.486 ng
RT: 19.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

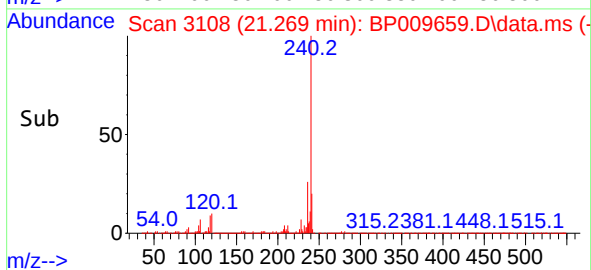
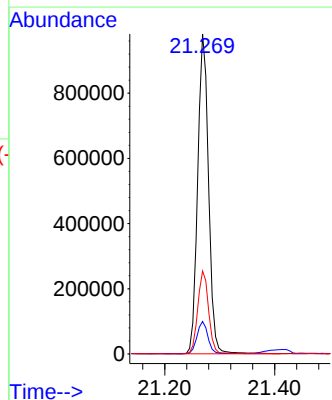
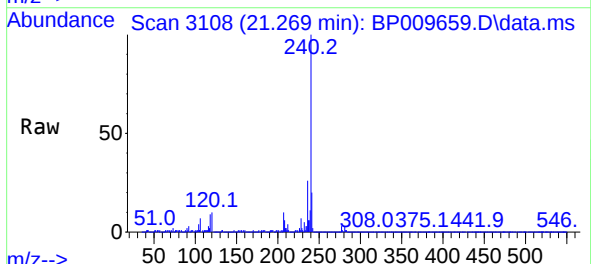
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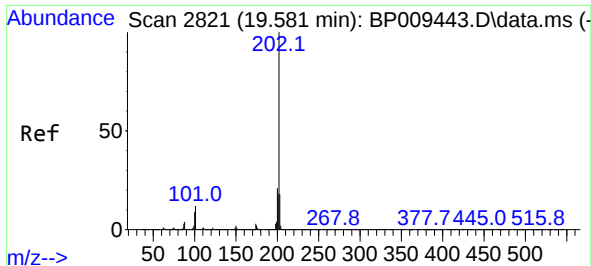
Tgt Ion:202 Resp: 527941
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.5
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Tgt Ion:240 Resp: 1346514
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.0 20.6 30.8

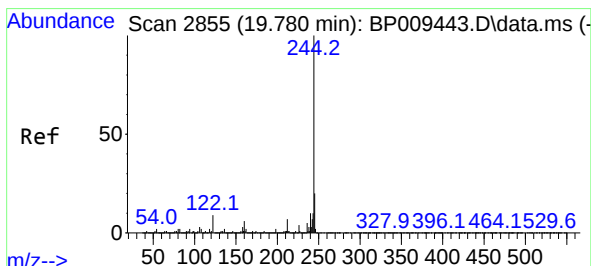
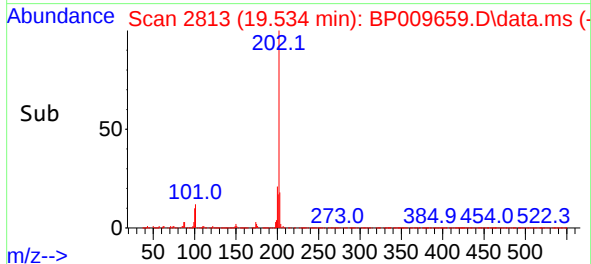
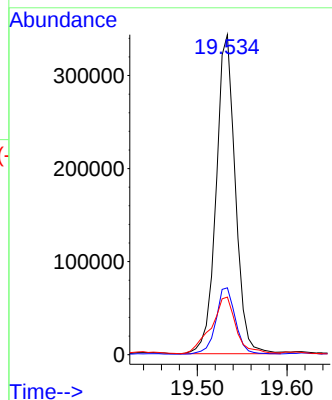
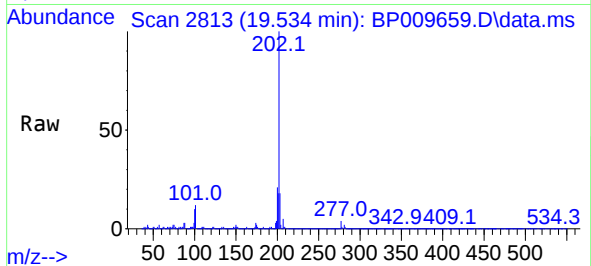




#78
 Pyrene
 Concen: 5.732 ng
 RT: 19.534 min Scan# 2813
 Delta R.T. -0.006 min
 Lab File: BP009659.D
 Acq: 01 Apr 2022 15:48

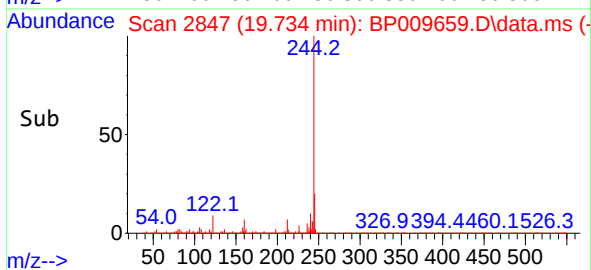
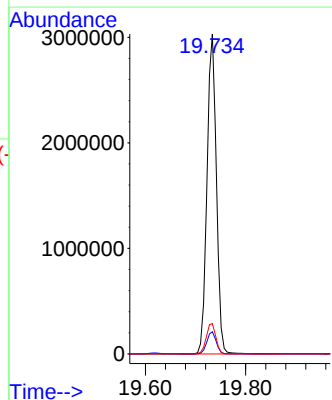
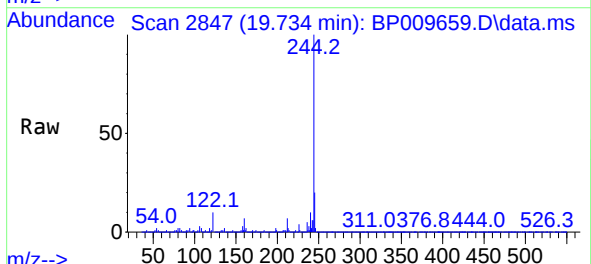
Instrument :
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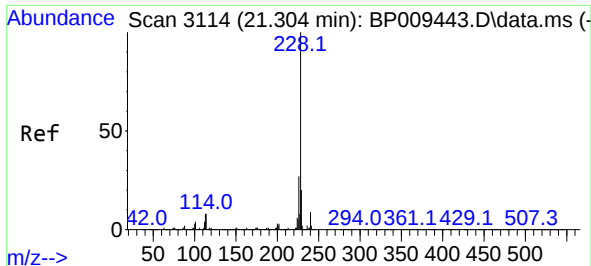
Tgt Ion:202 Resp: 508622
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.8 25.2
 203 18.0 14.2 21.4



#79
 Terphenyl-d14
 Concen: 52.655 ng
 RT: 19.734 min Scan# 2847
 Delta R.T. -0.006 min
 Lab File: BP009659.D
 Acq: 01 Apr 2022 15:48

Tgt Ion:244 Resp: 3950174
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.5 8.3 12.5

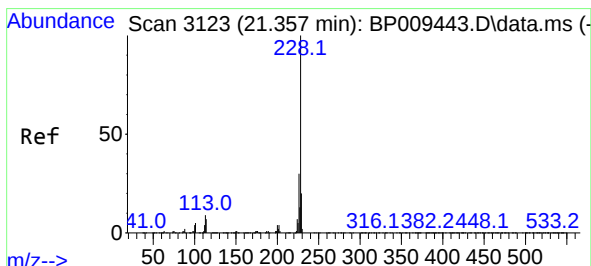
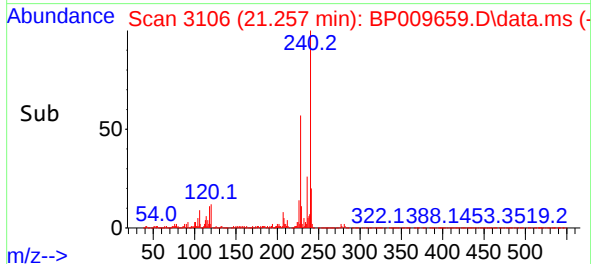
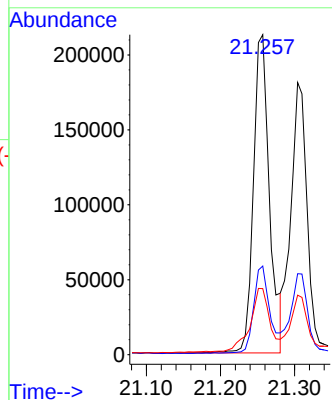
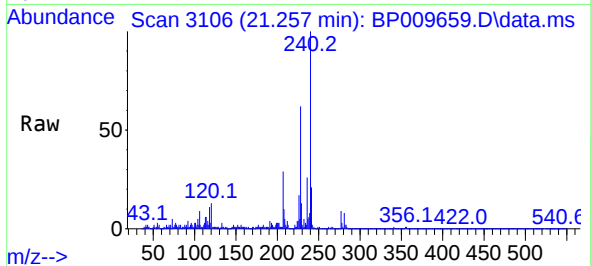




#81
Benzo(a)anthracene
Concen: 3.607 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

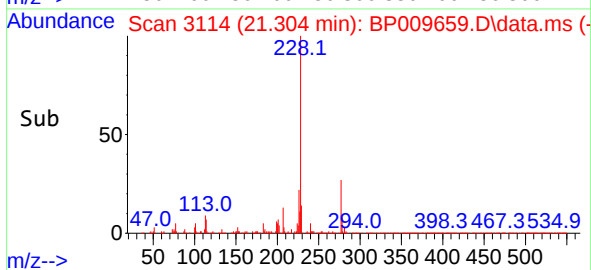
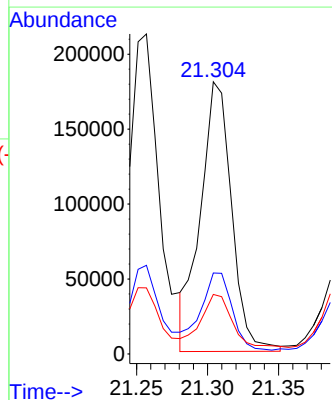
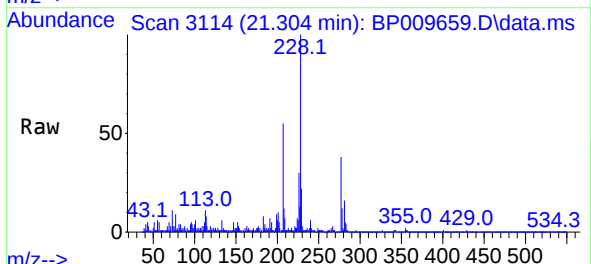
Instrument :
BNA_P
ClientSampleId :
A11105

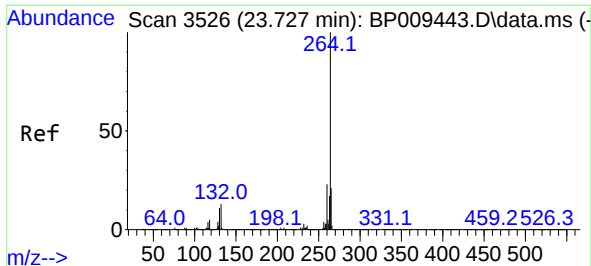
Tgt Ion:228 Resp: 319085
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.7 16.1 24.1



#83
Chrysene
Concen: 3.286 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Tgt Ion:228 Resp: 275297
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 21.9 16.1 24.1

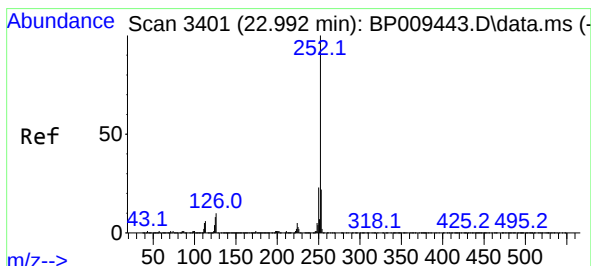
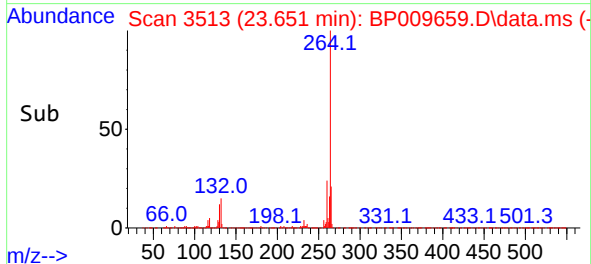
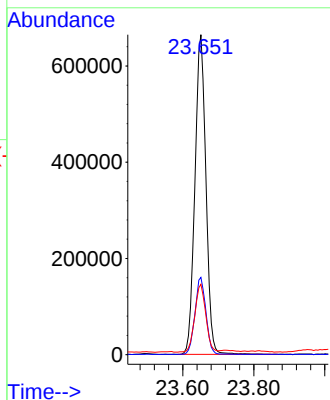
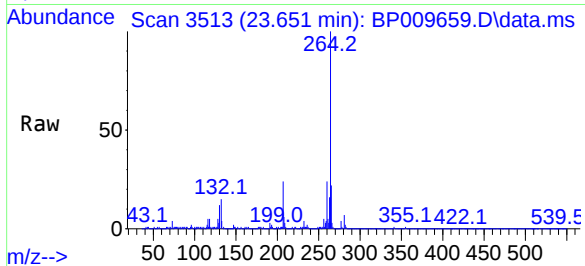




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.651 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP009659.D
 Acq: 01 Apr 2022 15:48

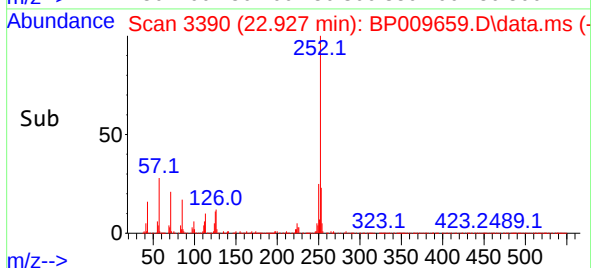
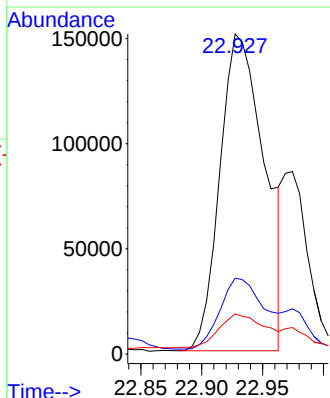
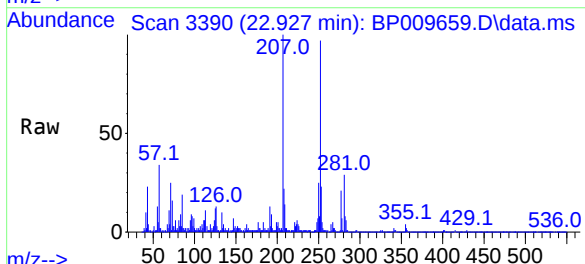
Instrument :
 BNA_P
 ClientSampleId :
 A11105

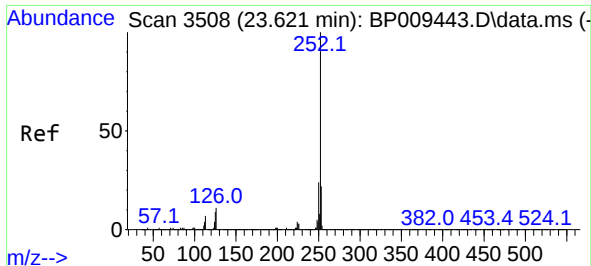
Tgt Ion:264 Resp: 1433745
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 22.0 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 4.502 ng
 RT: 22.927 min Scan# 3390
 Delta R.T. 0.000 min
 Lab File: BP009659.D
 Acq: 01 Apr 2022 15:48

Tgt Ion:252 Resp: 385354
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.8 26.8
 125 12.6 8.1 12.1#

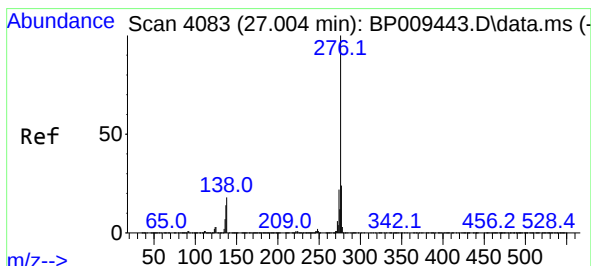
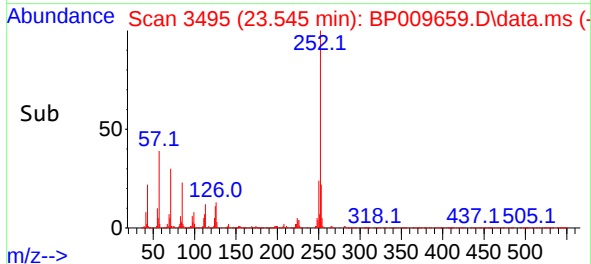
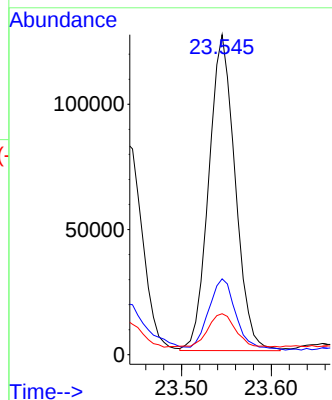
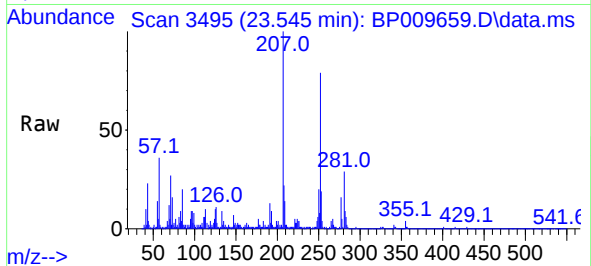




#90
Benzo(a)pyrene
Concen: 3.519 ng
RT: 23.545 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Instrument :
BNA_P
ClientSampleId :
A11105

Tgt Ion:252 Resp: 257707
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 12.8 9.3 13.9



#92
Benzo(g,h,i)perylene
Concen: 2.186 ng
RT: 26.880 min Scan# 4062
Delta R.T. -0.017 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

Tgt Ion:276 Resp: 194979
Ion Ratio Lower Upper
276 100
277 68.0 19.2 28.8#
138 21.7 18.0 27.0

