

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)

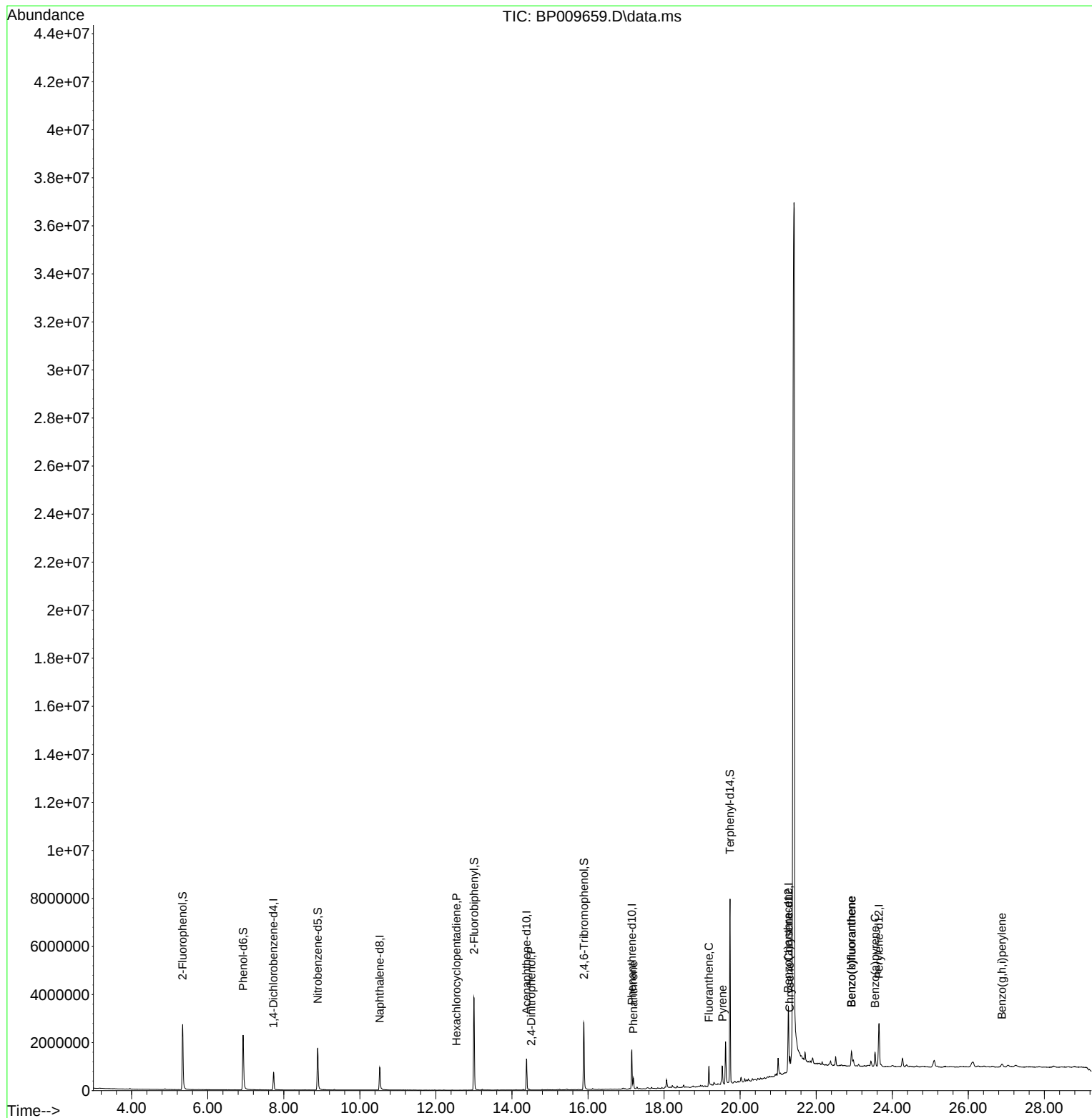
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	232606	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	956839	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	502368	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1088149	20.000	ng	0.00
76) Chrysene-d12	21.269	240	1346514	20.000	ng	0.00
86) 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	
9) Benzaldehyde	6.834	77	259	Below Cal	#	57
41) Hexachlorocyclopentadiene	12.540	237	39	7.293 ng	#	55
54) 2,4-Dinitrophenol	14.510	184	72	4.546 ng	#	1
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
89) Benzo(k)fluoranthene	22.927	252	385354	4.598 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

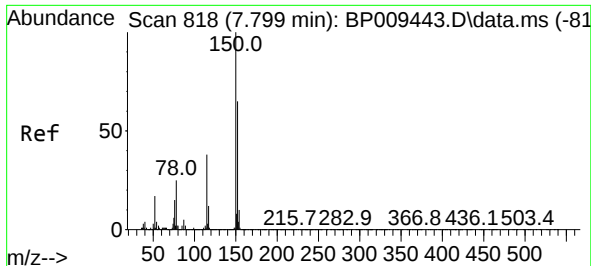
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

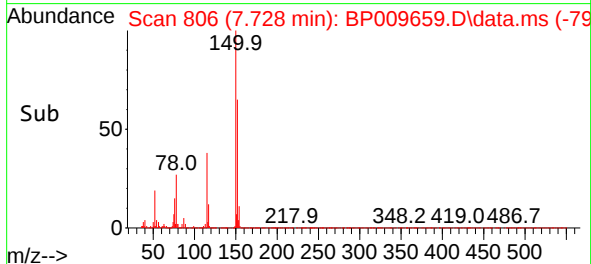
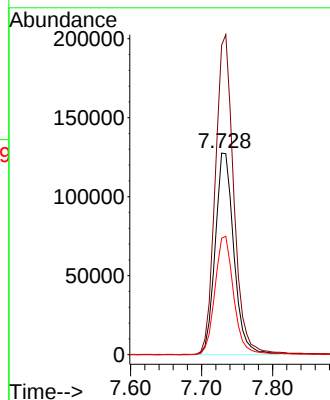
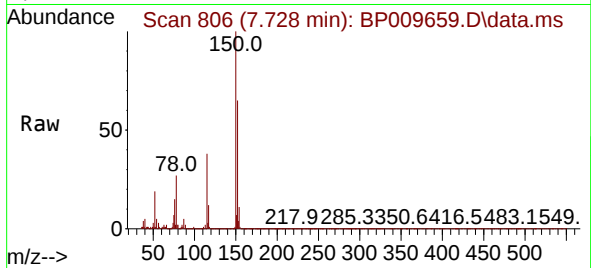




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

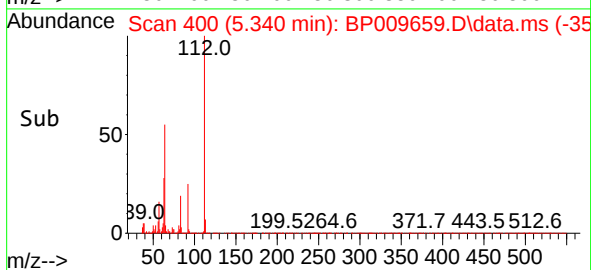
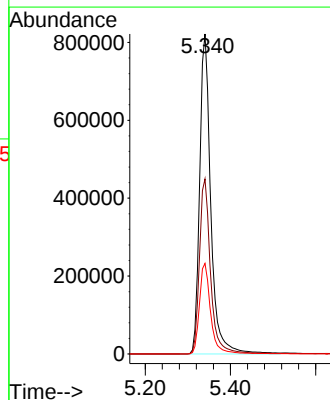
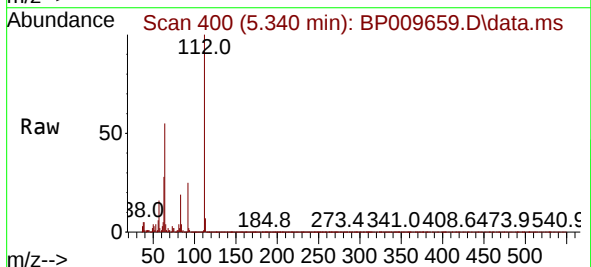
Instrument :
BNA_P
ClientSampleId :
A11105

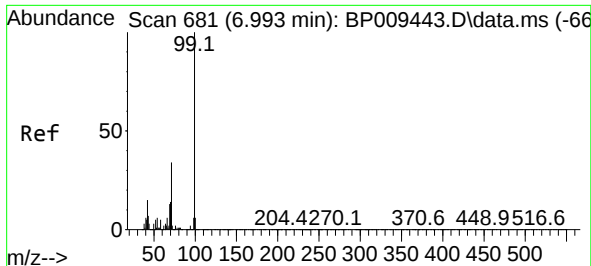
Tgt Ion:152 Resp: 232606
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 57.8 48.2 72.4



#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

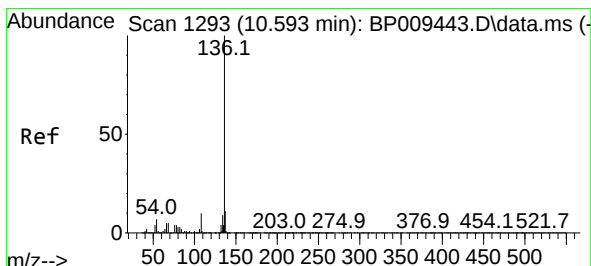
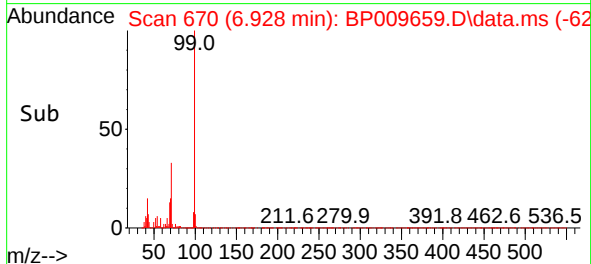
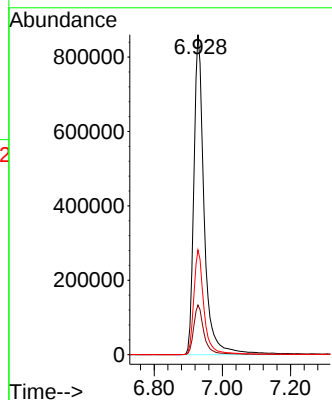
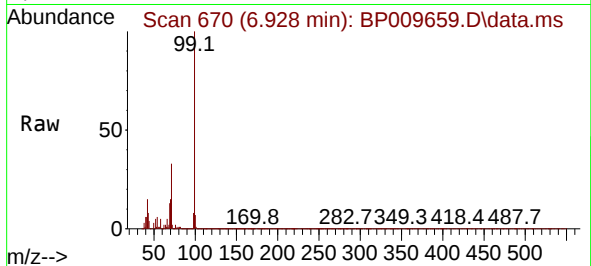




#7
Phenol-d6
Concen: 100.405 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

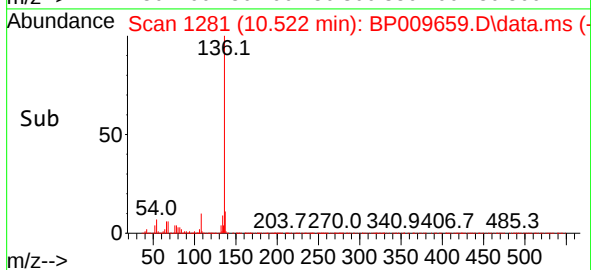
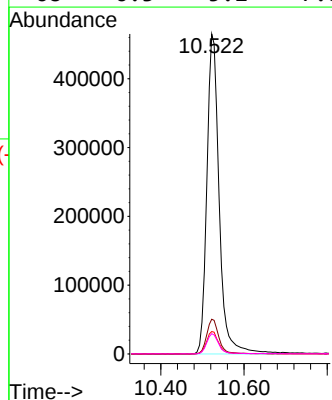
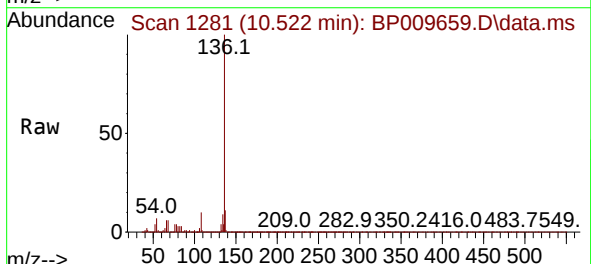
Instrument :
BNA_P
ClientSampleId :
A11105

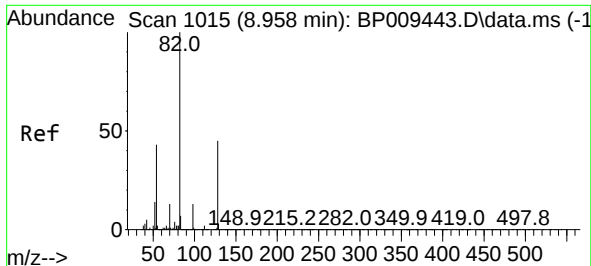
Tgt Ion: 99 Resp: 1809009
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.7 26.3 39.5



#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

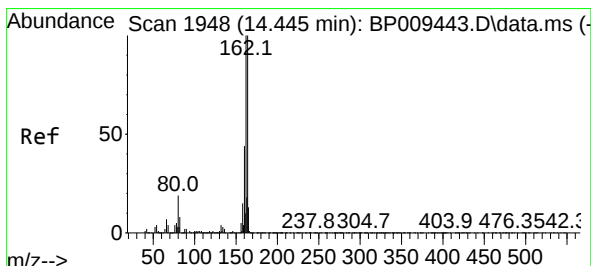
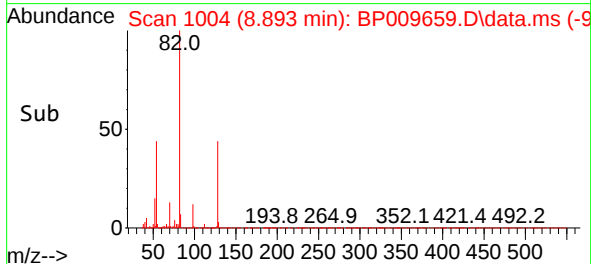
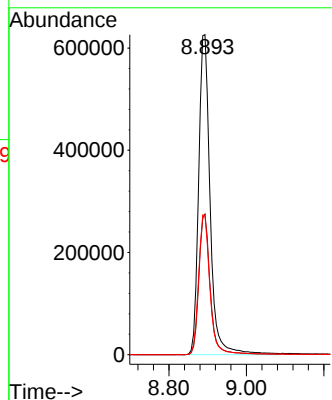
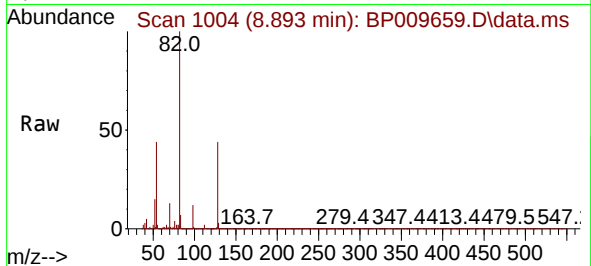




#23
 Nitrobenzene-d5
 Concen: 71.536 ng
 RT: 8.893 min Scan# 1004
 Delta R.T. -0.006 min
 Lab File: BP009659.D
 Acq: 01 Apr 2022 15:48

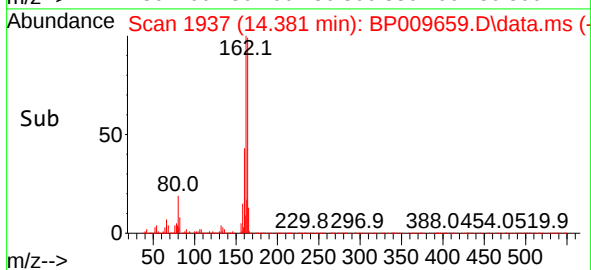
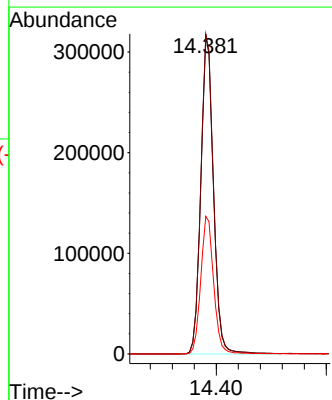
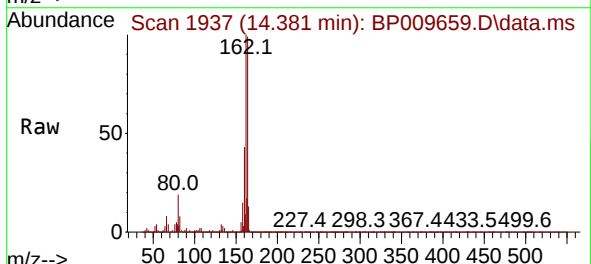
Instrument :
 BNA_P
 ClientSampleId :
 A11105

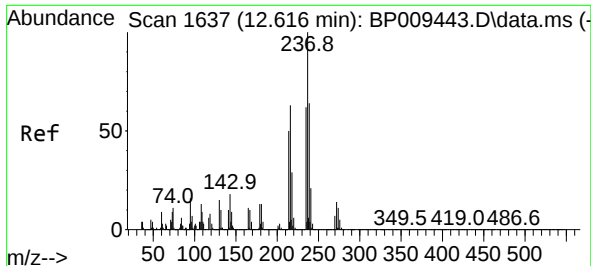
Tgt Ion: 82 Resp: 1288062
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.2 51.4
 54 43.5 34.7 52.1



#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

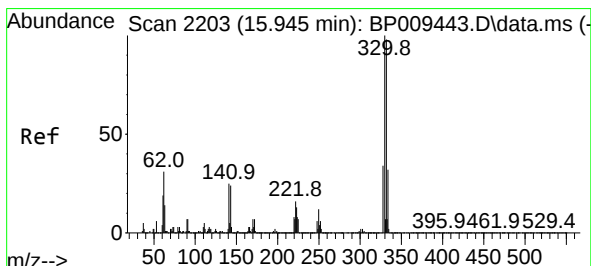
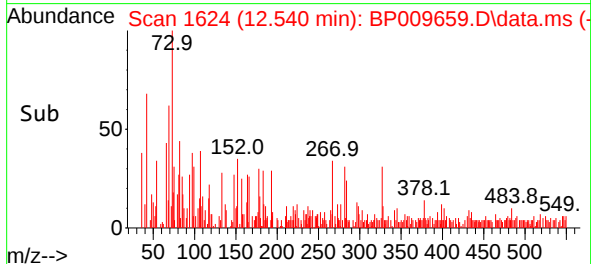
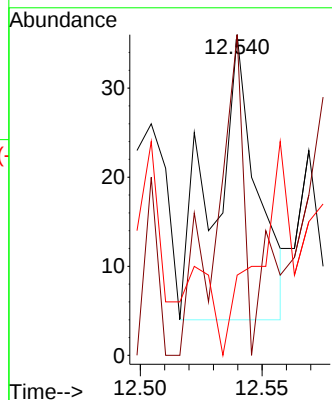
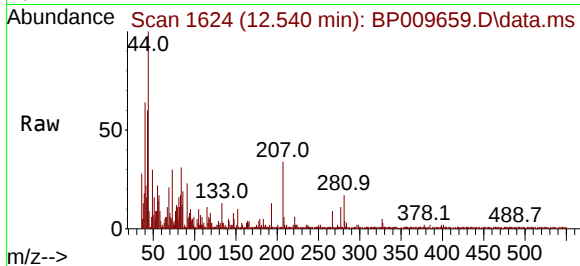




#41
Hexachlorocyclopentadiene
Concen: 7.293 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

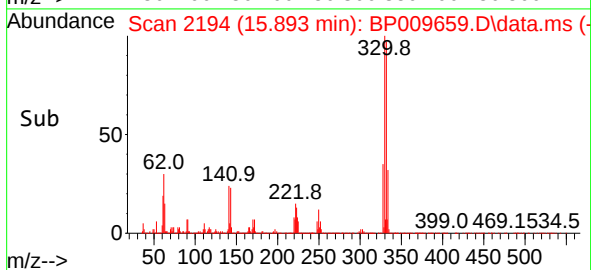
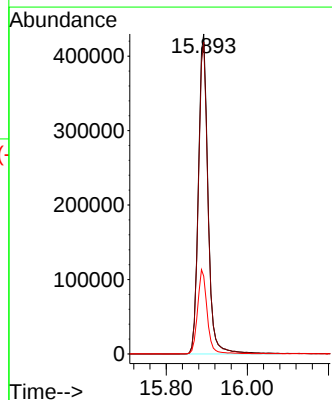
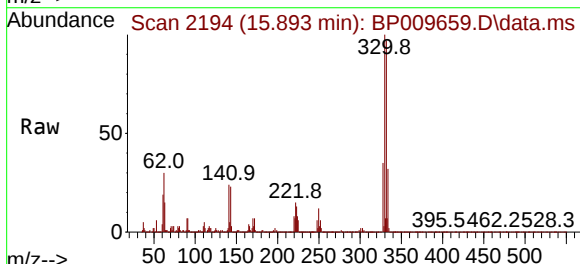
Instrument :
BNA_P
ClientSampleId :
A11105

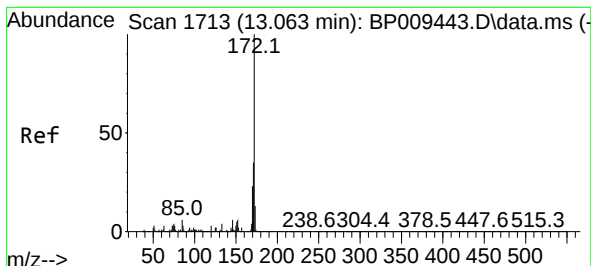
Tgt Ion:	237	Resp:	39
Ion	Ratio	Lower	Upper
237	100		
235	100.0	42.6	82.6#
272	25.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 86.032 ng
RT: 15.893 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

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# 1

Delta R.T. -0.006 min

Lab File: BP009659.D

Acq: 01 Apr 2022 15:48

Instrument :

BNA_P

ClientSampleId :

A11105

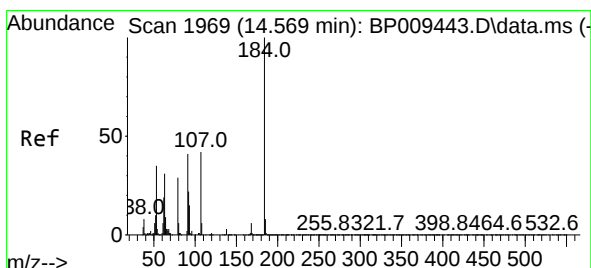
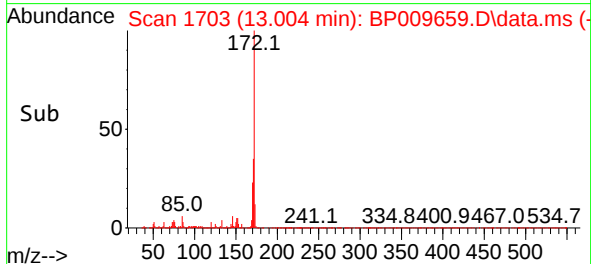
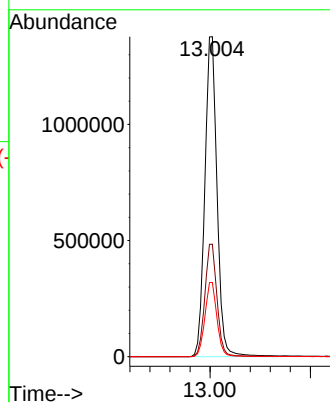
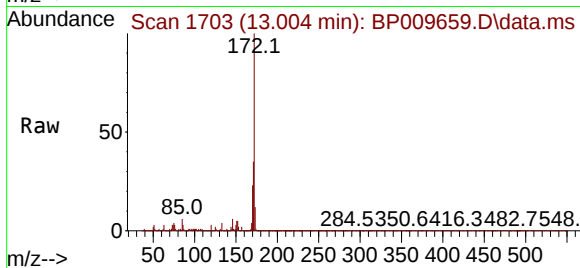
Tgt Ion:172 Resp: 2331627

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.2 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.546 ng

RT: 14.510 min Scan# 1959

Delta R.T. -0.017 min

Lab File: BP009659.D

Acq: 01 Apr 2022 15:48

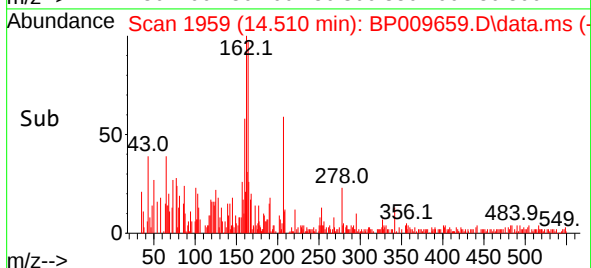
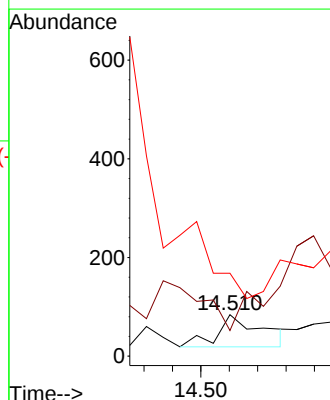
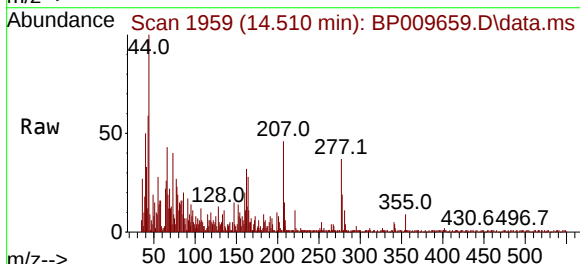
Tgt Ion:184 Resp: 72

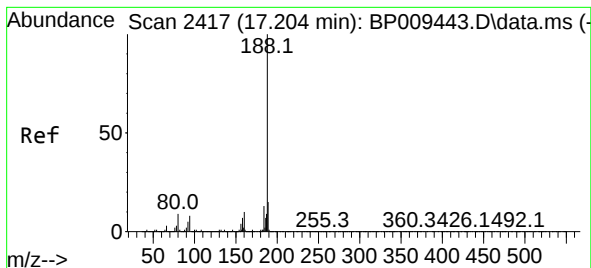
Ion Ratio Lower Upper

184 100

63 61.9 46.3 69.5

154 200.0 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP009659.D

Acq: 01 Apr 2022 15:48

Instrument :

BNA_P

ClientSampleId :

A11105

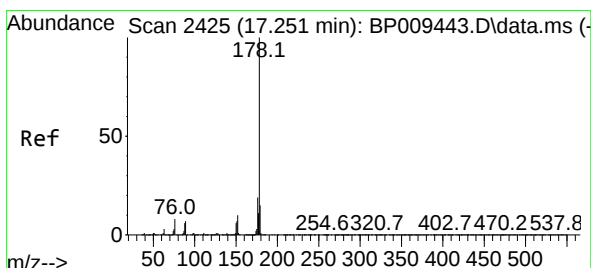
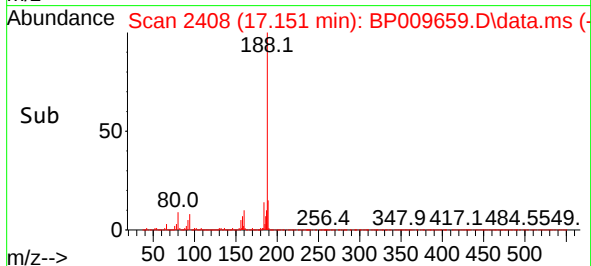
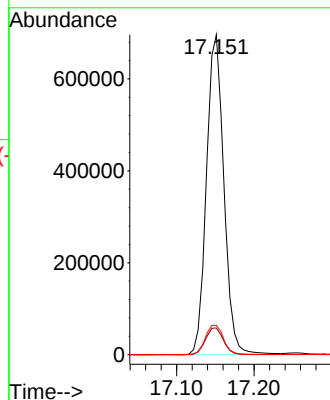
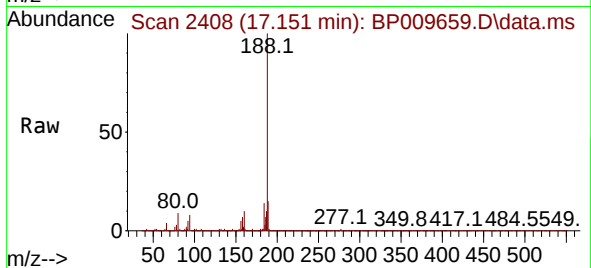
Tgt Ion:188 Resp: 1088149

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

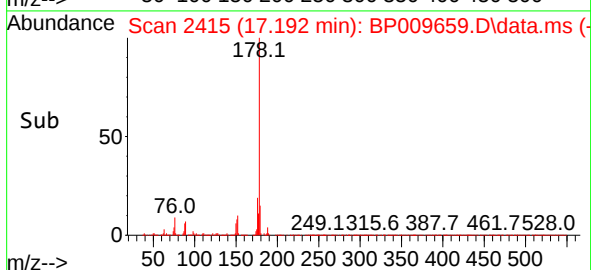
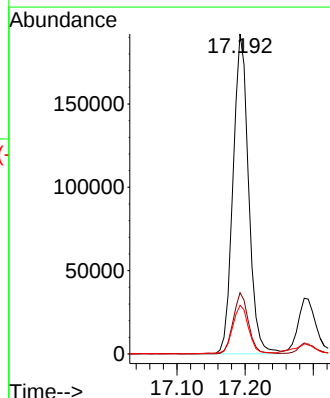
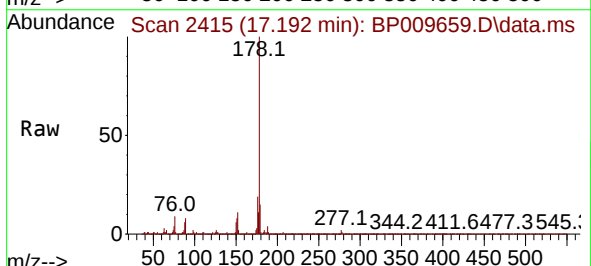
Tgt Ion:178 Resp: 304465

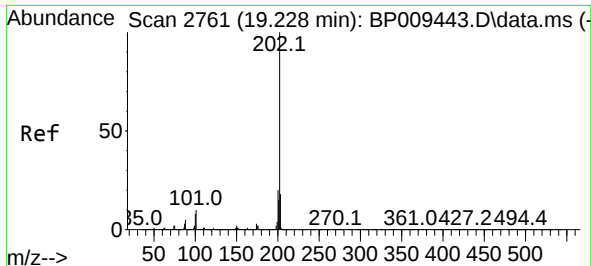
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.2 12.3 18.5

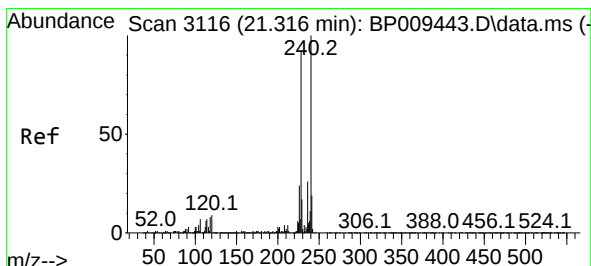
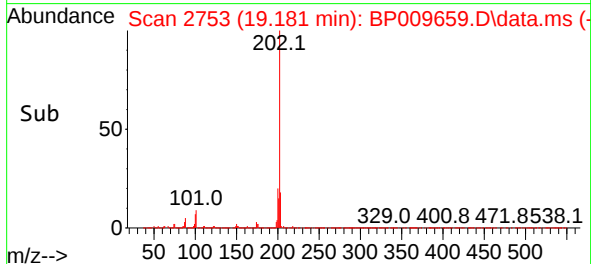
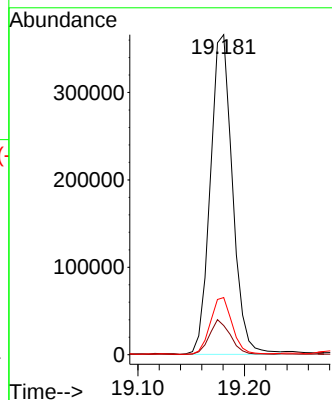
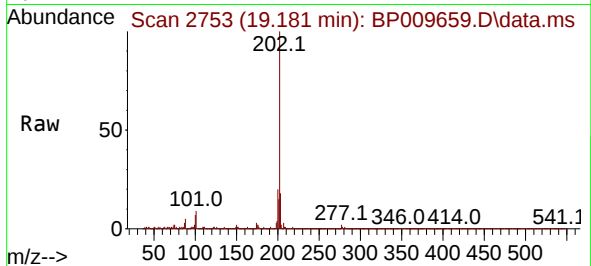




#75
Fluoranthene
Concen: 7.486 ng
RT: 19.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

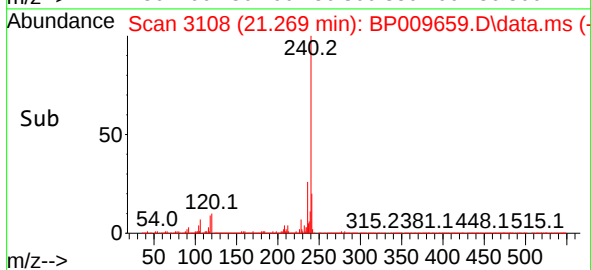
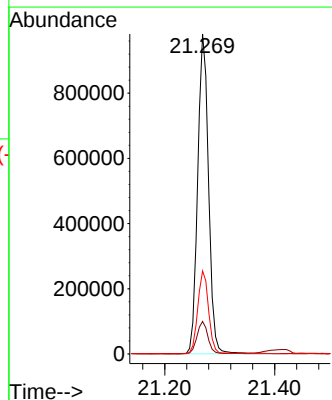
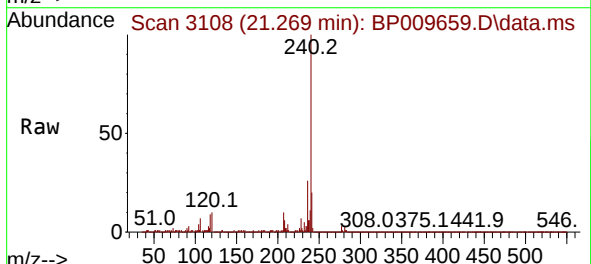
Instrument :
BNA_P
ClientSampleId :
A11105

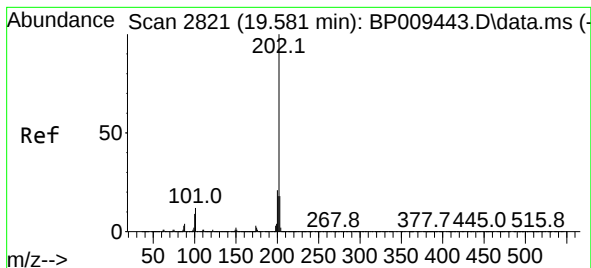
Tgt Ion:202 Resp: 527941
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.5
203 17.8 0.0 37.8



#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 :

BNA_P

ClientSampleId :

A11105

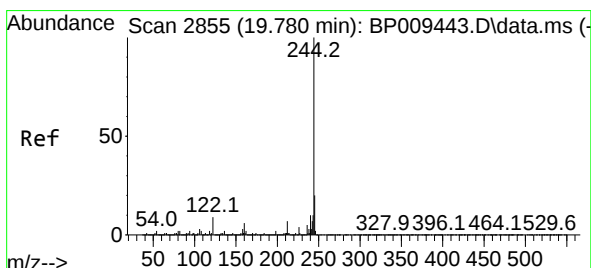
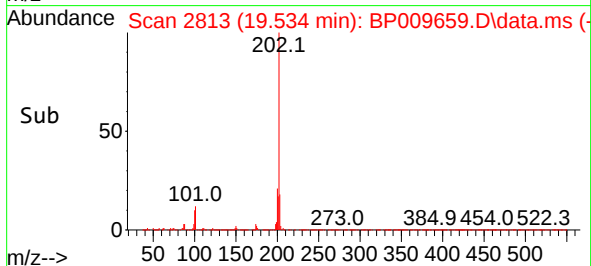
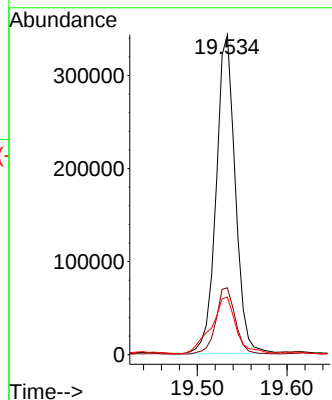
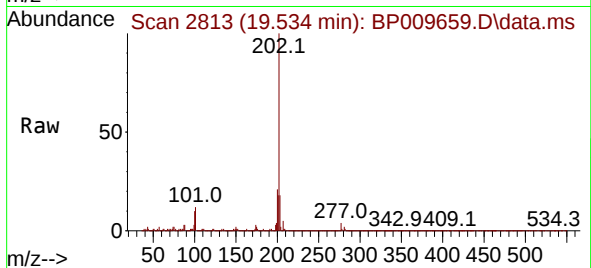
Tgt Ion:202 Resp: 508622

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

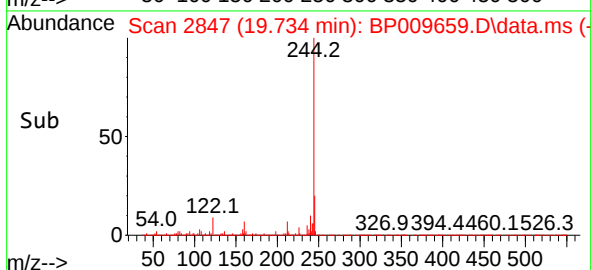
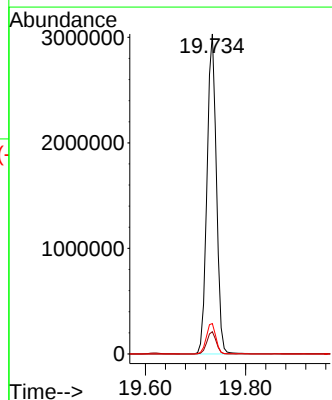
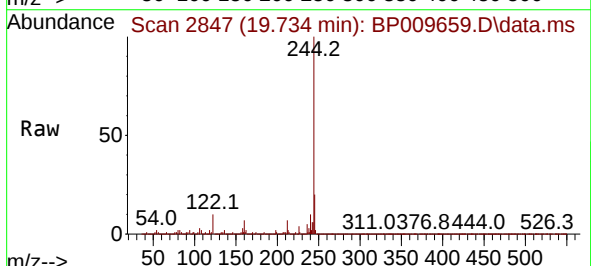
Tgt Ion:244 Resp: 3950174

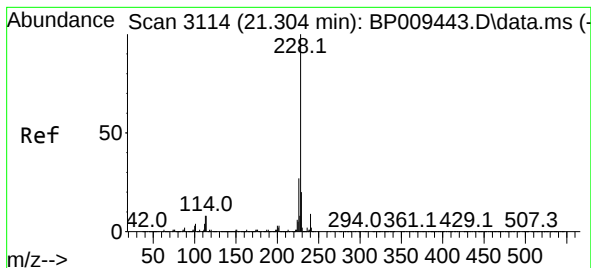
Ion Ratio Lower Upper

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# 3114

Delta R.T. -0.006 min

Lab File: BP009659.D

Acq: 01 Apr 2022 15:48

Instrument :

BNA_P

ClientSampleId :

A11105

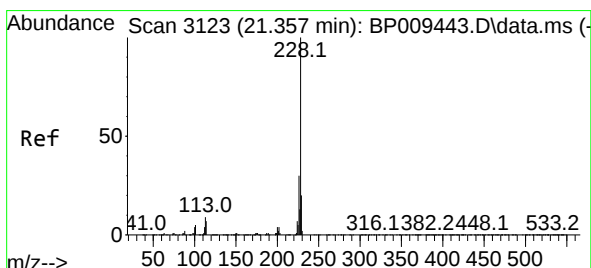
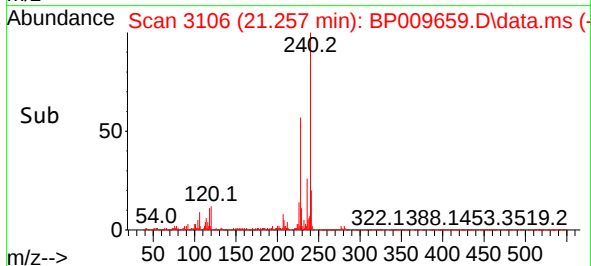
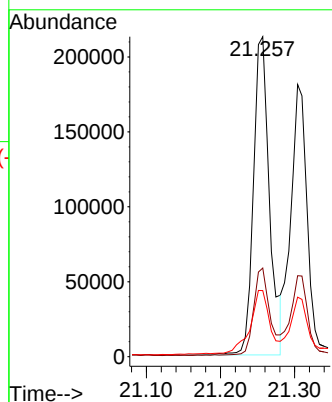
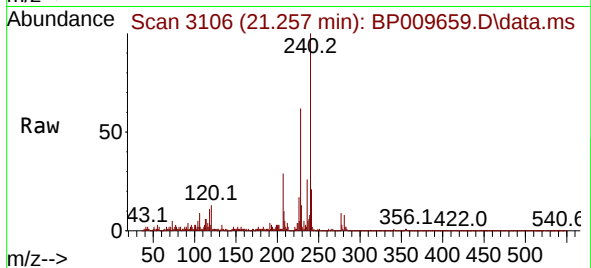
Tgt Ion:228 Resp: 319085

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

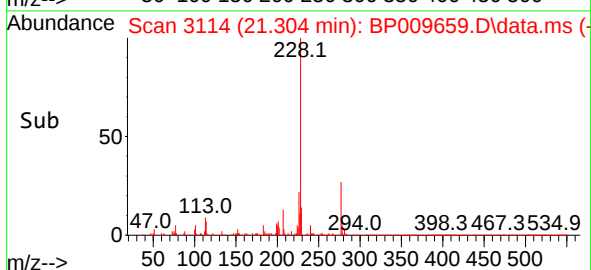
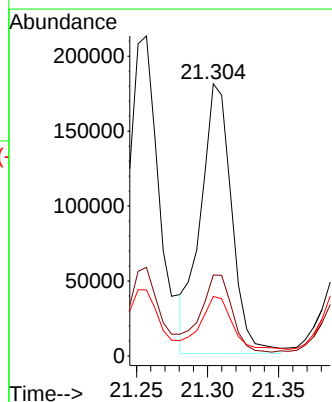
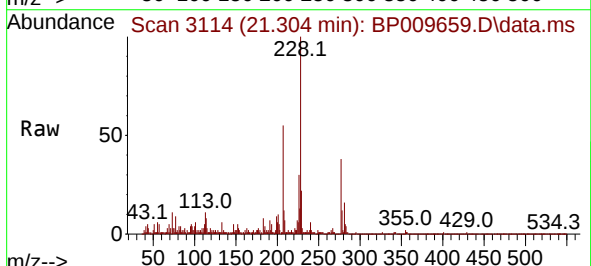
Tgt Ion:228 Resp: 275297

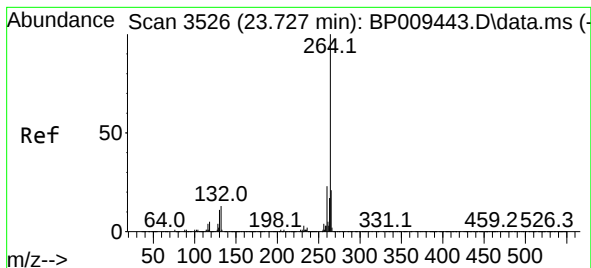
Ion Ratio Lower Upper

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

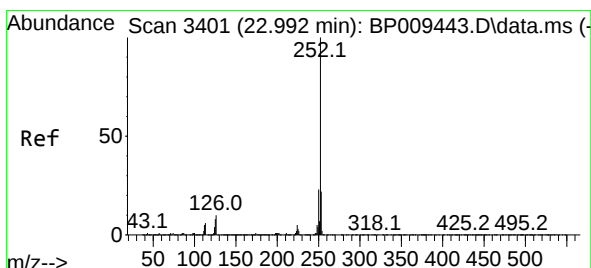
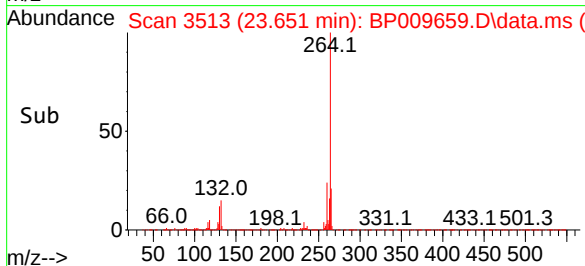
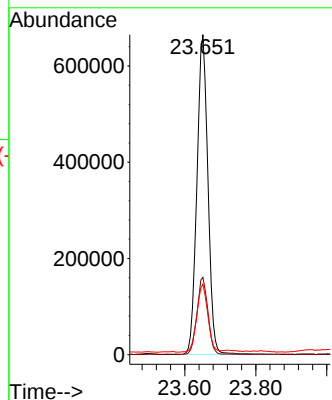
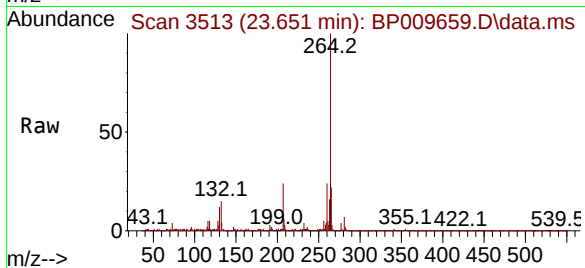
Tgt Ion:264 Resp: 1433745

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

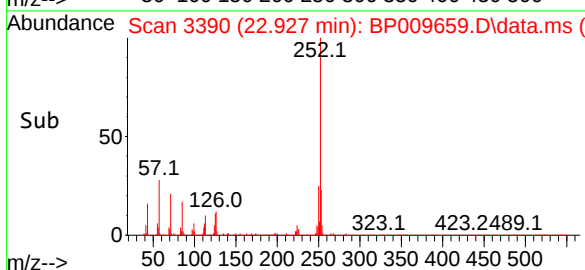
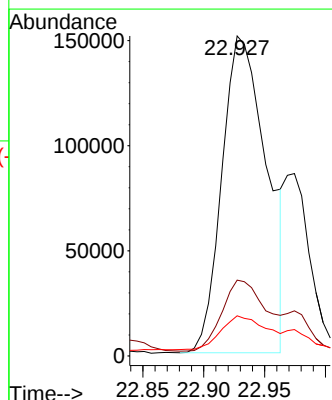
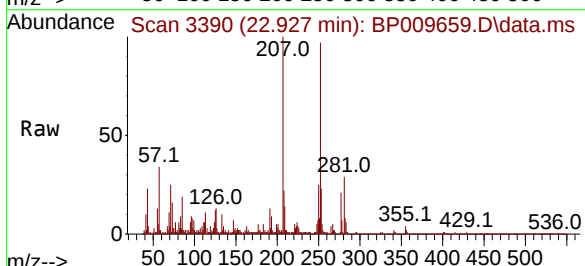
Tgt Ion:252 Resp: 385354

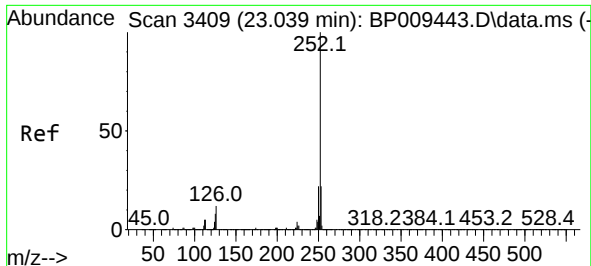
Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

125 12.6 8.1 12.1#

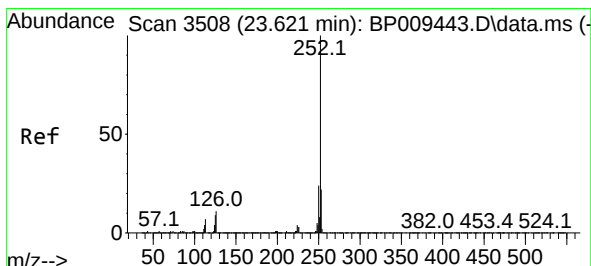
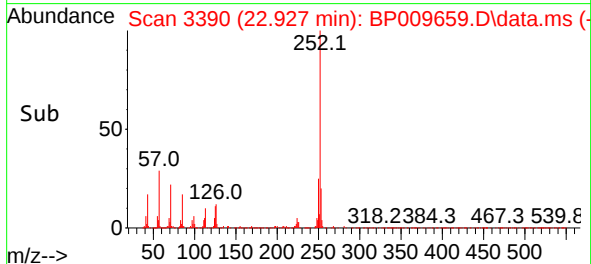
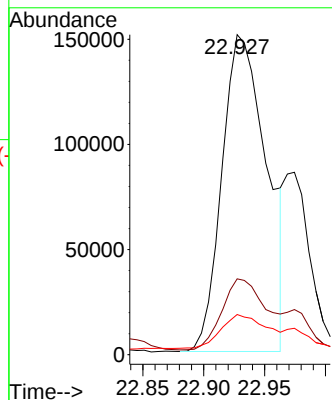
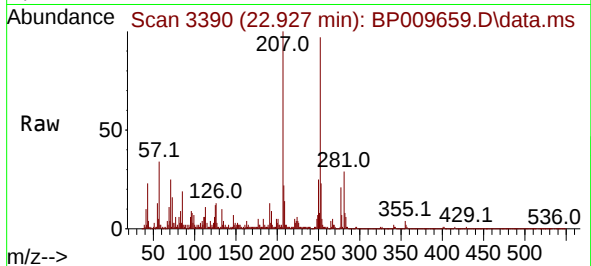




#89
Benzo(k)fluoranthene
Concen: 4.598 ng
RT: 22.927 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

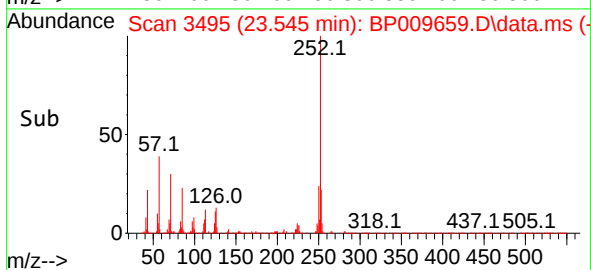
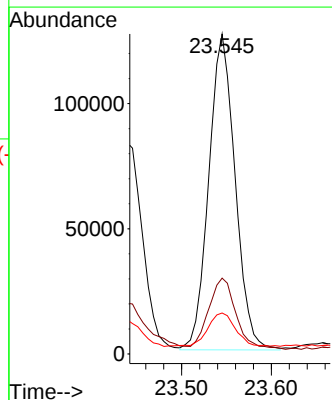
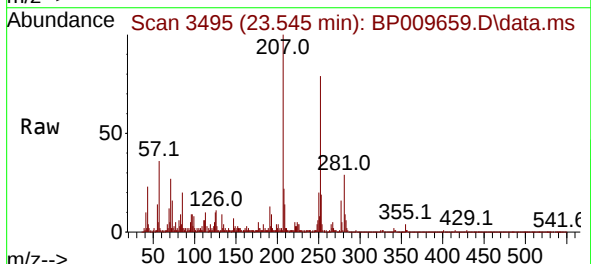
Instrument :
BNA_P
ClientSampleId :
A11105

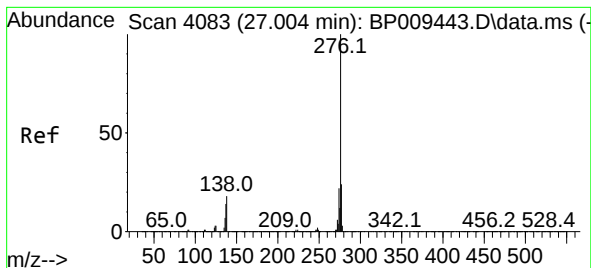
Tgt Ion:252 Resp: 385354
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 12.6 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 3.519 ng
RT: 23.545 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BP009659.D
Acq: 01 Apr 2022 15:48

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# 40

Delta R.T. -0.017 min

Lab File: BP009659.D

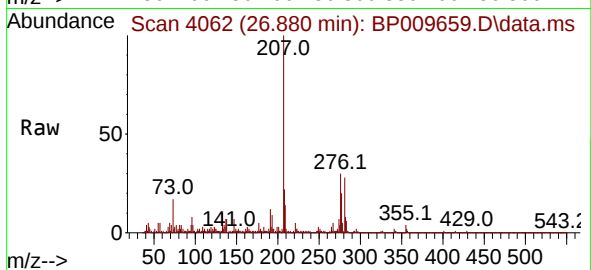
Acq: 01 Apr 2022 15:48

Instrument :

BNA_P

ClientSampleId :

A11105



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

