

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009355.D
 Acq On : 10 Mar 2022 21:12
 Operator : CG/JU
 Sample : N1848-08 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 2

Instrument :
 BNA_P
 ClientSampleId :
 CG-B2-030722-0-2

Quant Time: Mar 11 05:04:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

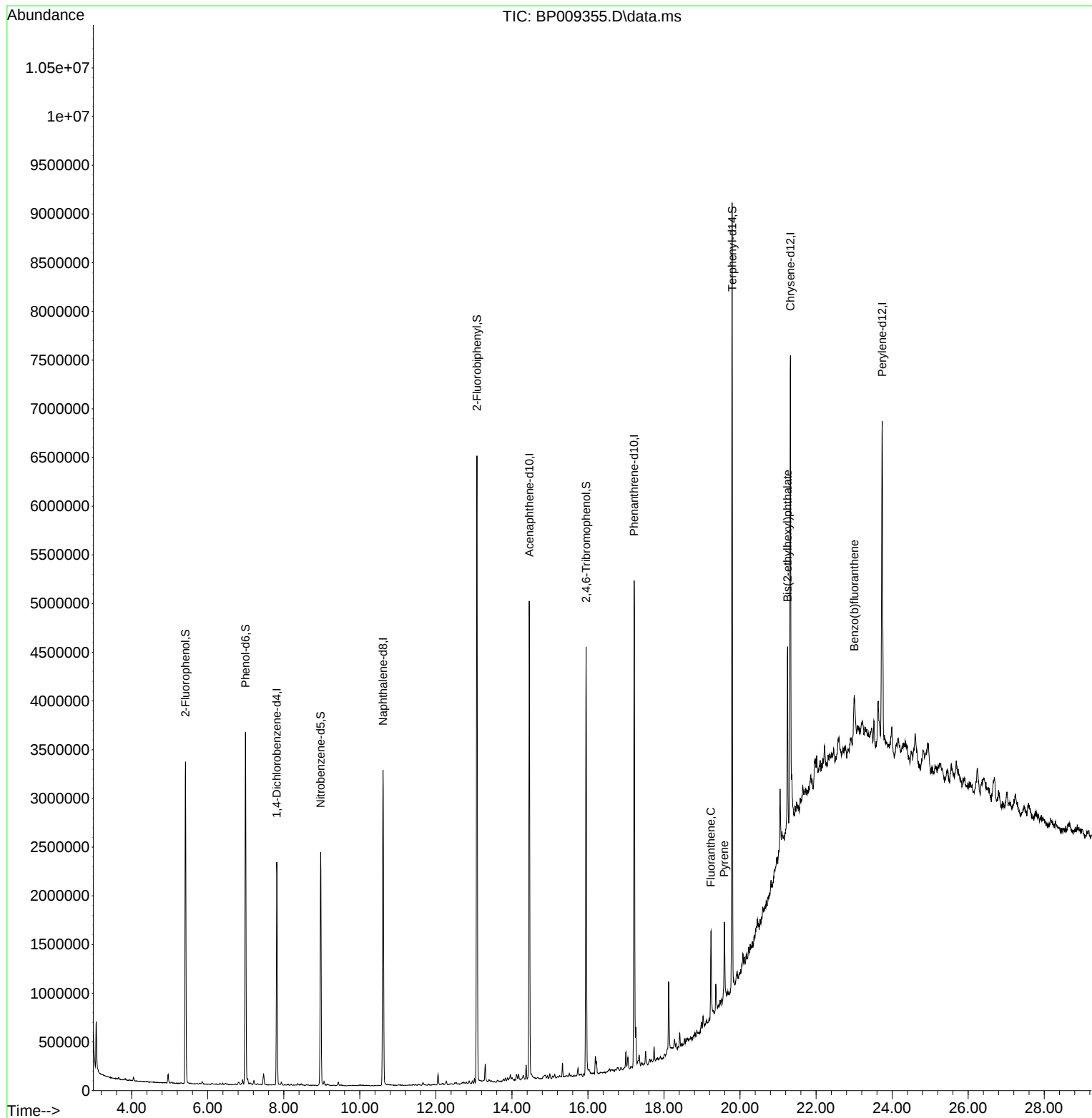
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	692902	40.000	ng	0.00
21) Naphthalene-d8	10.610	136	2943163	40.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1818796	40.000	ng	0.00
64) Phenanthrene-d10	17.216	188	3251192	40.000	ng	0.00
76) Chrysene-d12	21.327	240	2444694	40.000	ng	0.00
86) Perylene-d12	23.739	264	2690923	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1662047	70.026	ng	0.00
7) Phenol-d6	6.993	99	2286671	75.813	ng	0.00
23) Nitrobenzene-d5	8.969	82	1513067	56.631	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	973383	88.642	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	3634194	54.957	ng	0.00
79) Terphenyl-d14	19.792	244	4133883	63.821	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.257	178	237987	2.547	ng	99
75) Fluoranthene	19.233	202	498138	4.620	ng	98
78) Pyrene	19.586	202	471742	5.716	ng	99
81) Benzo(a)anthracene	21.310	228	263314	3.178	ng	# 92
83) Chrysene	21.363	228	270464	3.362	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.251	149	705727	14.813	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.239	276	228139	2.182	ng	93
88) Benzo(b)fluoranthene	23.004	252	401640	4.421	ng	# 75
90) Benzo(a)pyrene	23.627	252	269228	3.125	ng	# 81
92) Benzo(g,h,i)perylene	27.015	276	235738	2.692	ng	# 90

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

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CG-B2-030722-0-2

Quant Time: Mar 11 05:04:04 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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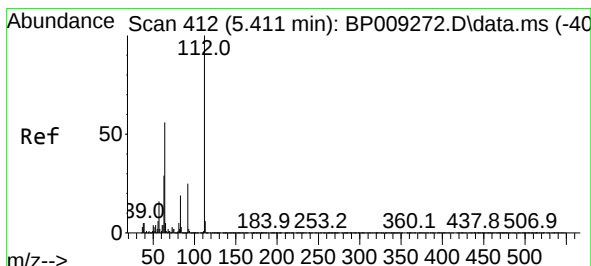
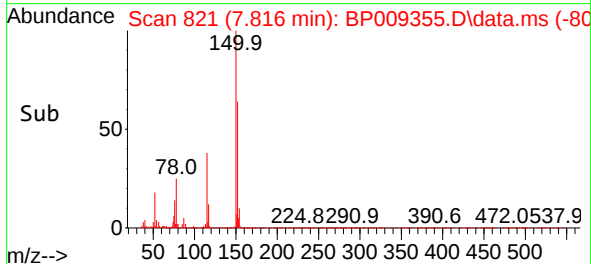
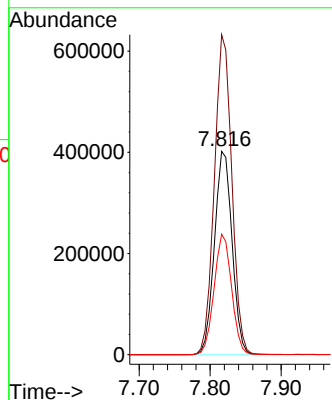
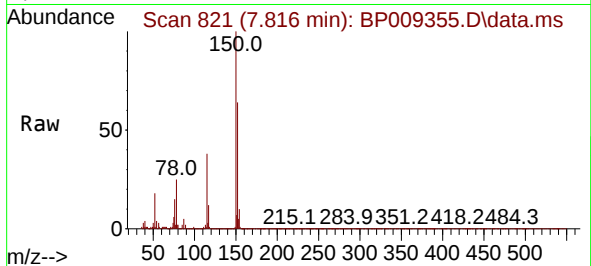




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

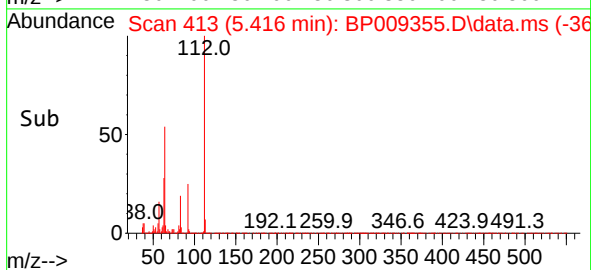
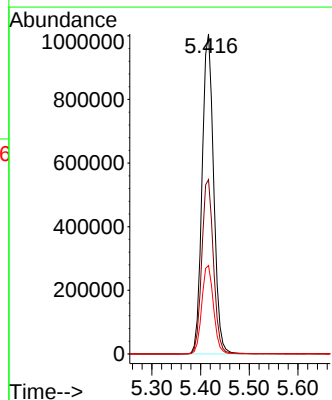
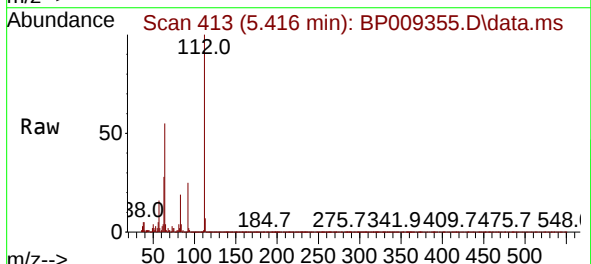
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

Tgt Ion:152 Resp: 692902
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 59.2 48.2 72.4



#5
2-Fluorophenol
Concen: 70.026 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:112 Resp: 1662047
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 27.7 23.0 34.6

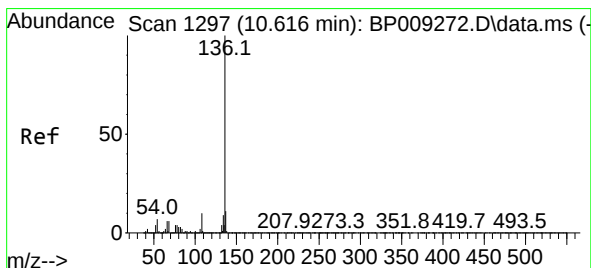
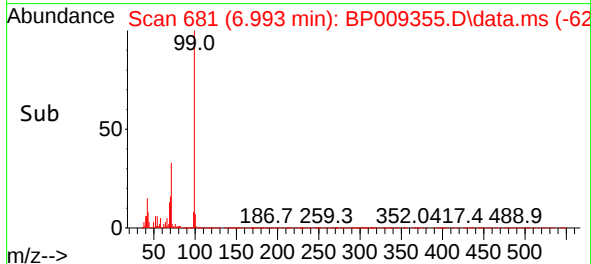
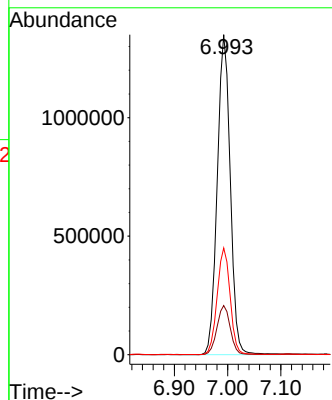
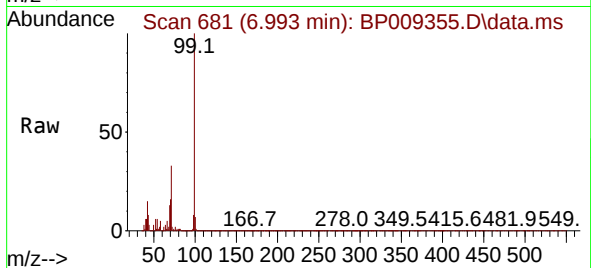




#7
Phenol-d6
Concen: 75.813 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

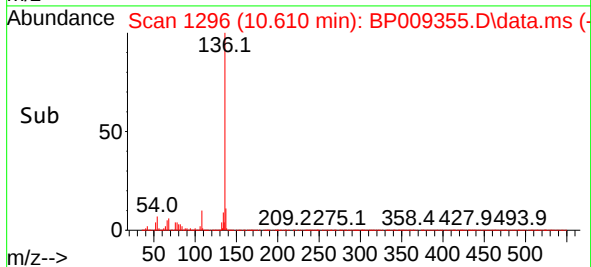
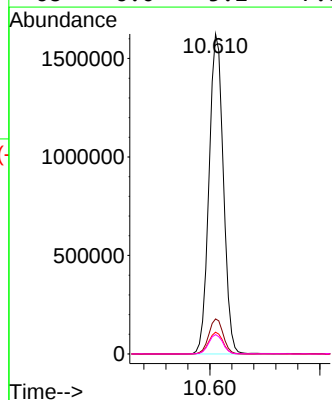
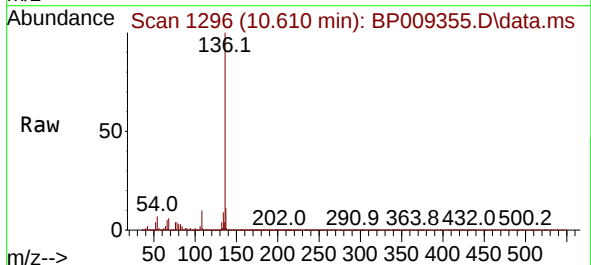
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

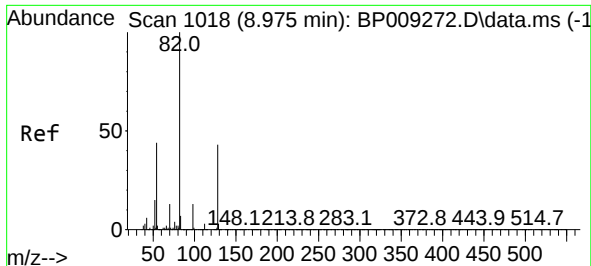
Tgt Ion: 99 Resp: 2286671
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.4 26.3 39.5



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion: 136 Resp: 2943163
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 5.8 8.8
68 6.0 5.2 7.8

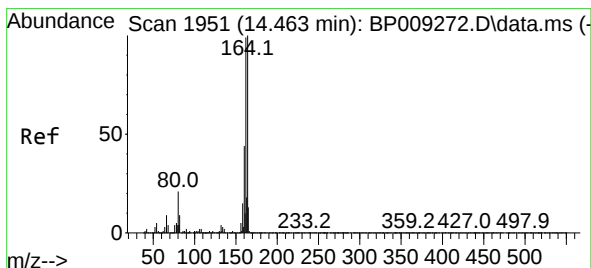
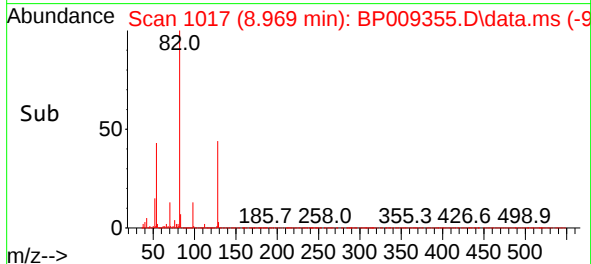
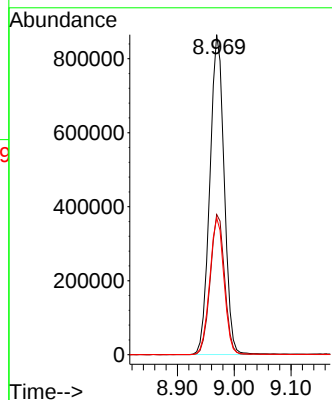
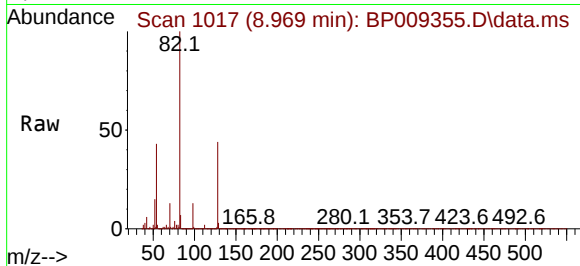




#23
Nitrobenzene-d5
Concen: 56.631 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

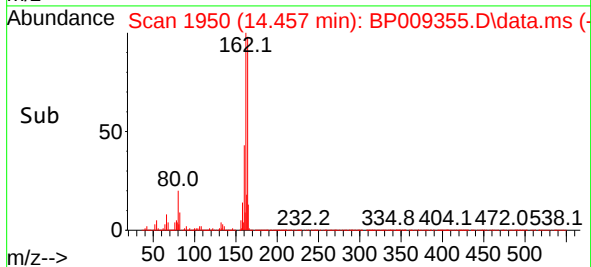
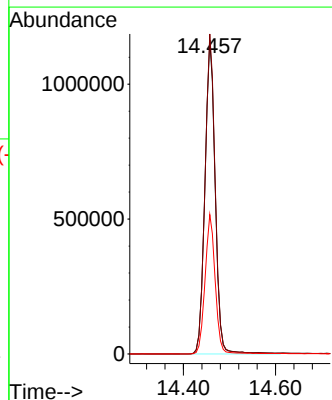
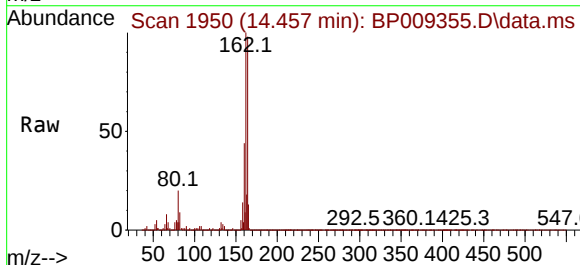
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

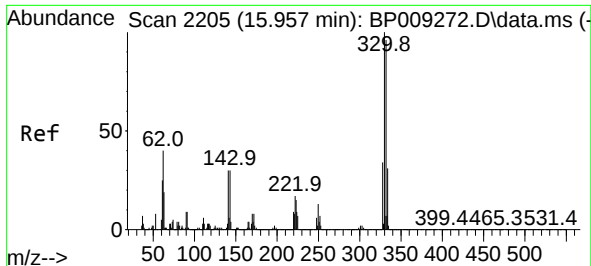
Tgt Ion: 82 Resp: 1513067
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:164 Resp: 1818796
Ion Ratio Lower Upper
164 100
162 101.9 79.1 118.7
160 44.4 34.9 52.3

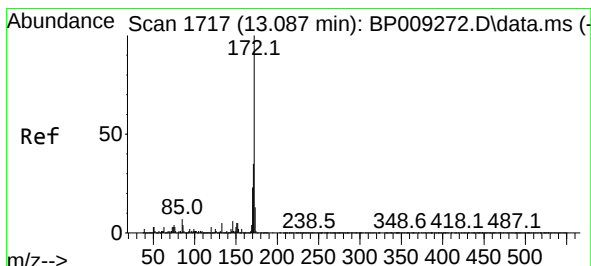
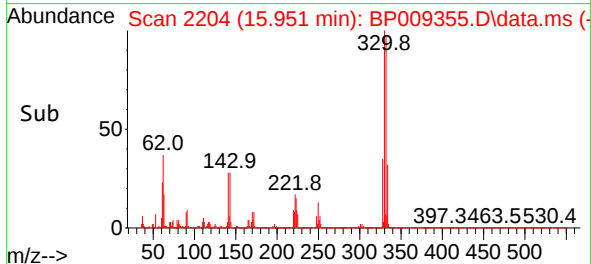
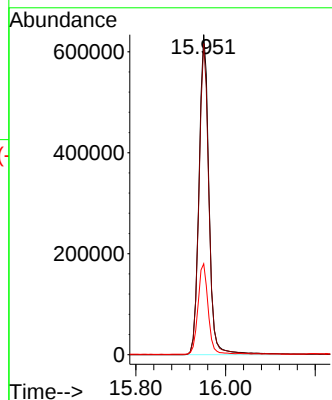
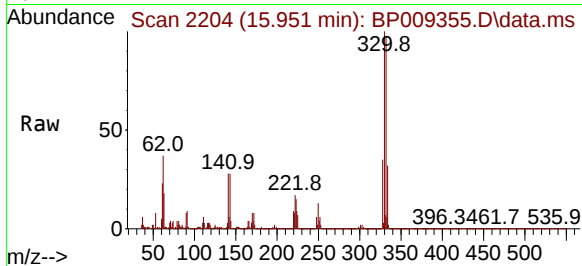




#42
2,4,6-Tribromophenol
Concen: 88.642 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

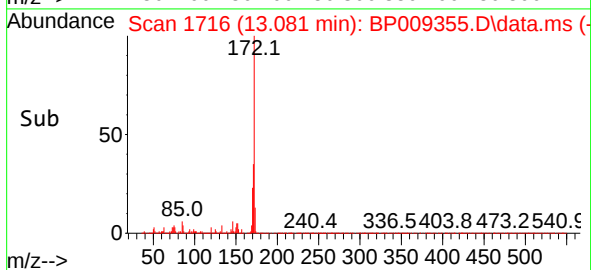
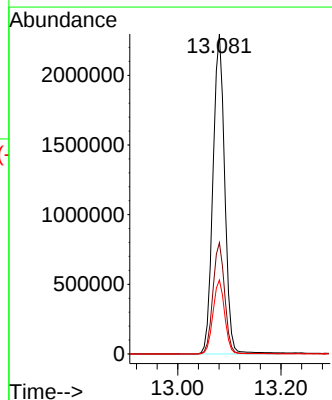
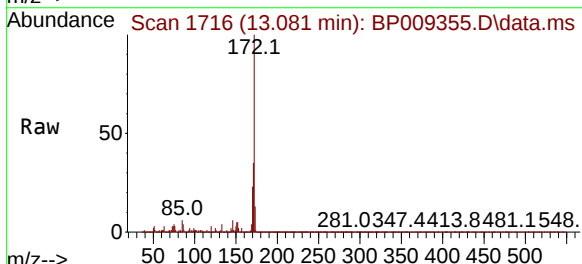
Instrument :
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ClientSampleId :
CG-B2-030722-0-2

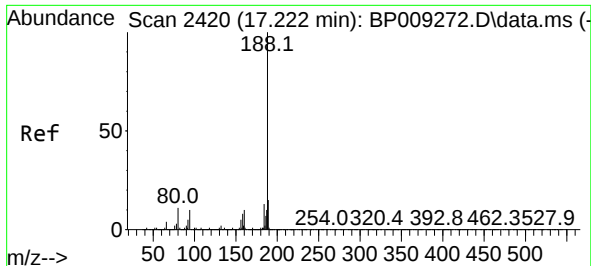
Tgt Ion: 330 Resp: 973383
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 28.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 54.957 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion: 172 Resp: 3634194
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.1 18.6 27.8

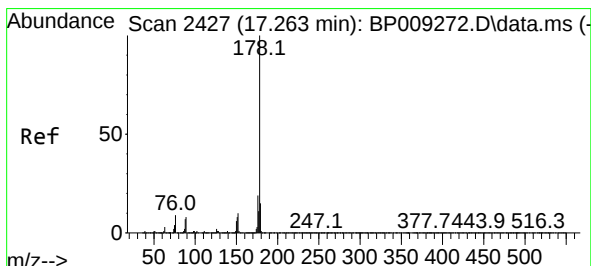
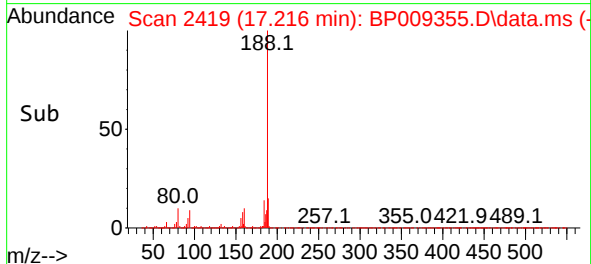
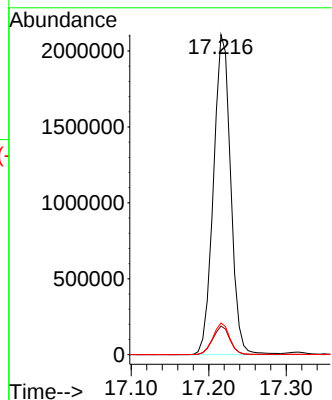
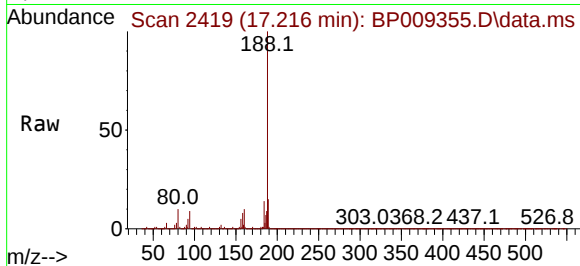




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

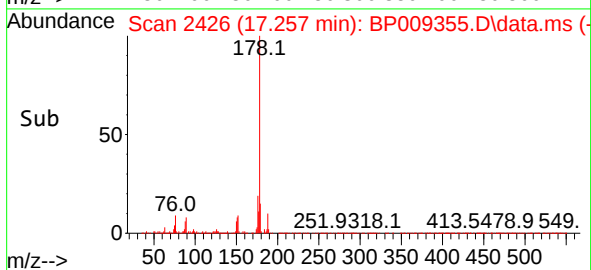
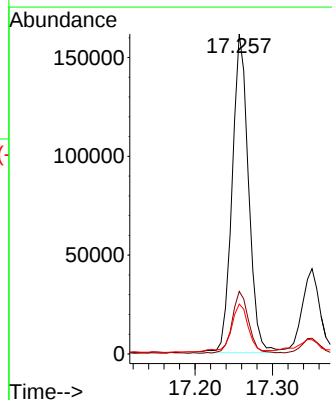
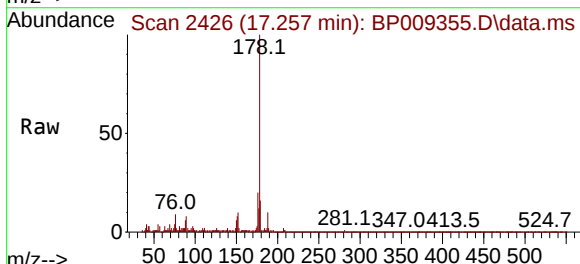
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BNA_P
ClientSampleId :
CG-B2-030722-0-2

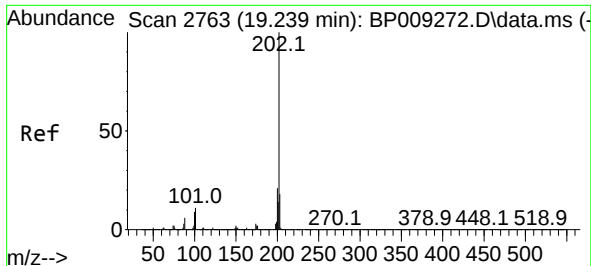
Tgt Ion:188 Resp: 3251192
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.9 8.8 13.2



#71
Phenanthrene
Concen: 2.547 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:178 Resp: 237987
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.6 12.3 18.5

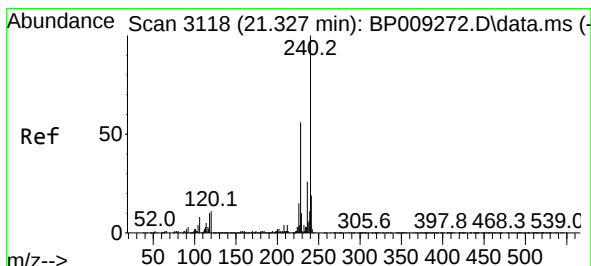
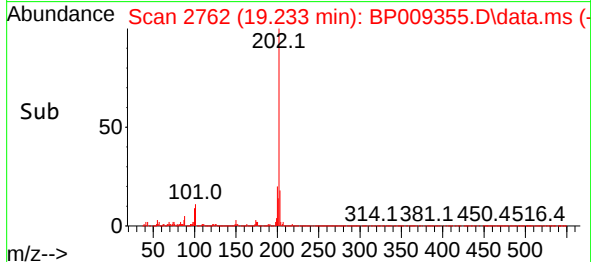
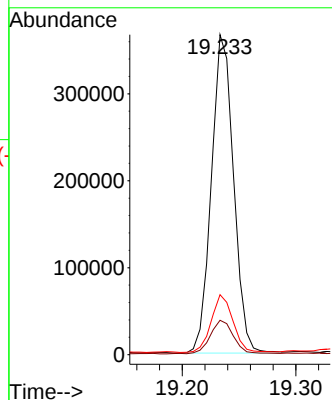
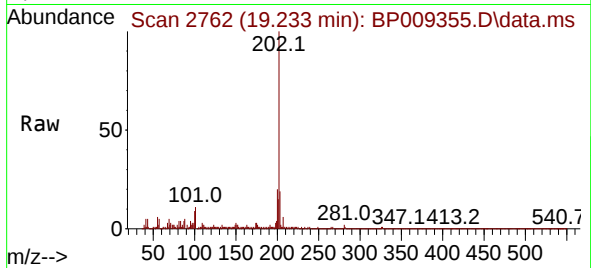




#75
Fluoranthene
Concen: 4.620 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

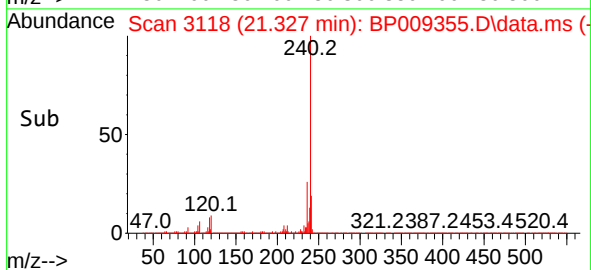
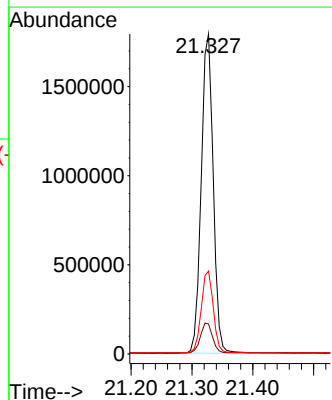
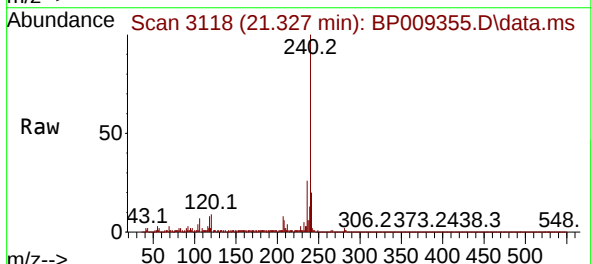
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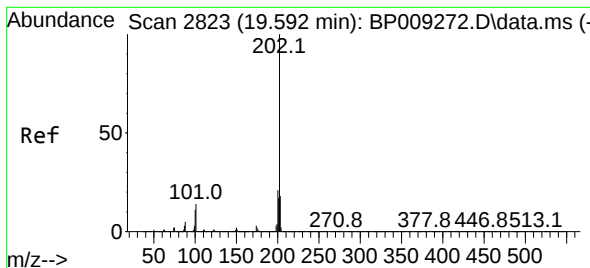
Tgt Ion:202 Resp: 498138
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 18.8 0.0 37.8



#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:240 Resp: 2444694
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 25.9 20.6 30.8





#78

Pyrene

Concen: 5.716 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

Instrument :

BNA_P

ClientSampleId :

CG-B2-030722-0-2

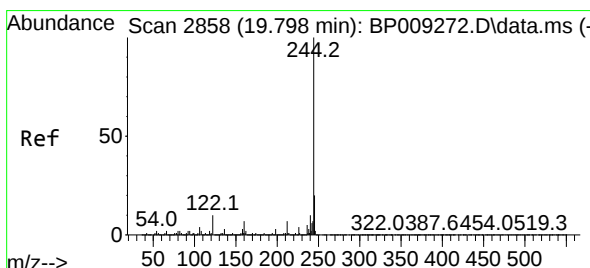
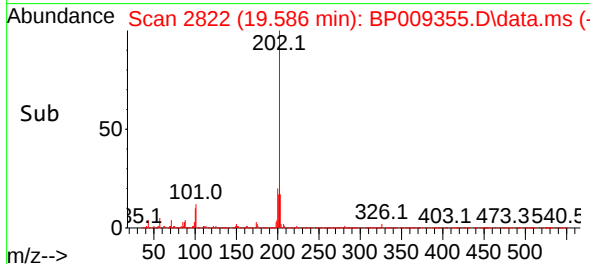
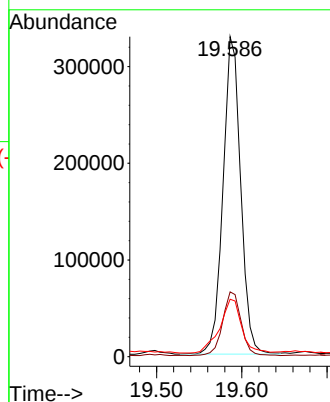
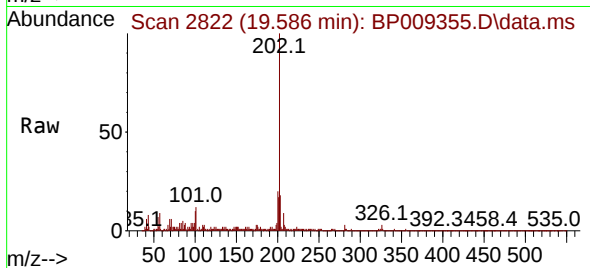
Tgt Ion:202 Resp: 471742

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

203 18.0 14.2 21.4



#79

Terphenyl-d14

Concen: 63.821 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

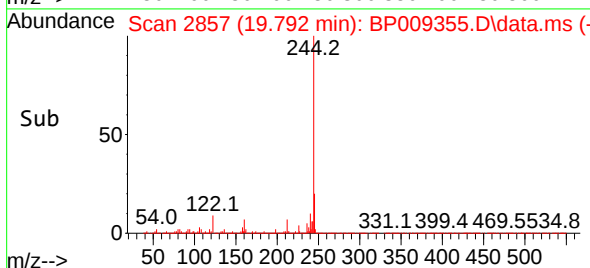
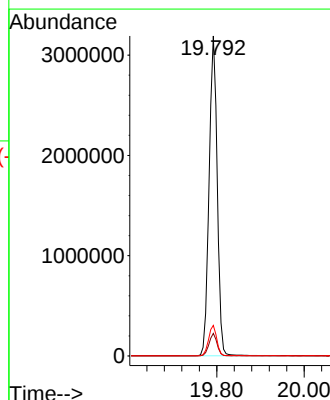
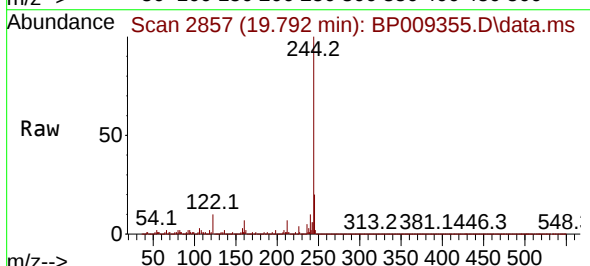
Tgt Ion:244 Resp: 4133883

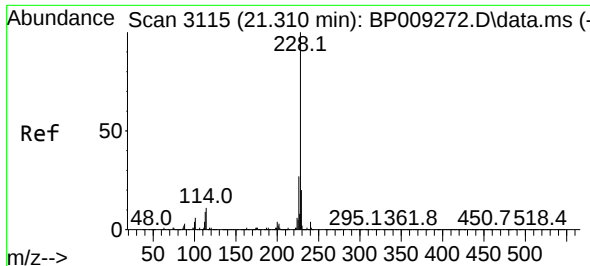
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.5 8.3 12.5

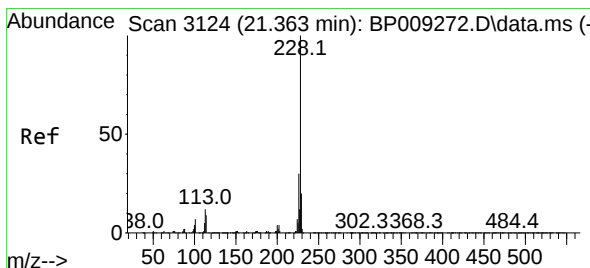
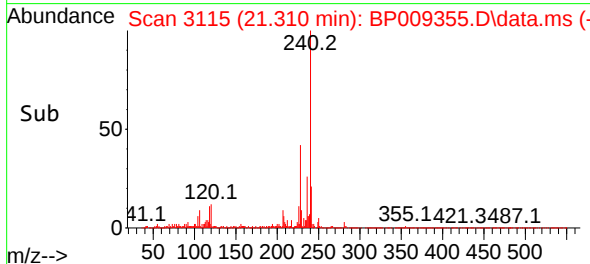
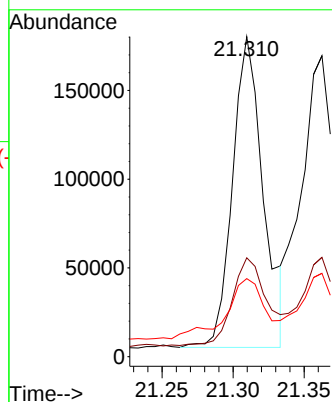
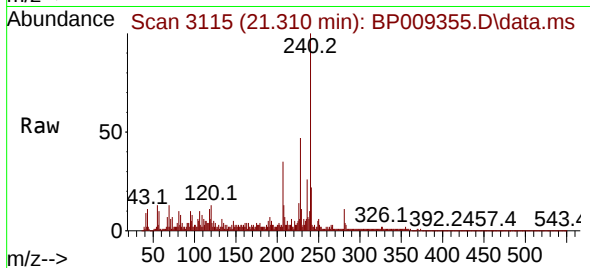




#81
Benzo(a)anthracene
Concen: 3.178 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

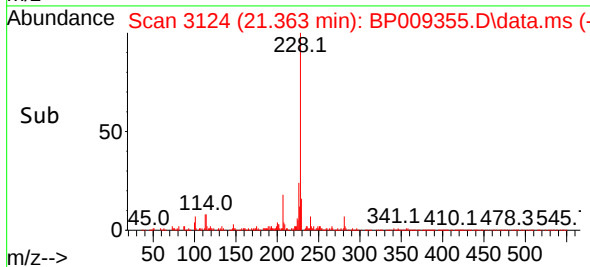
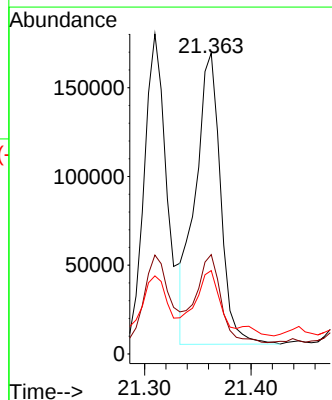
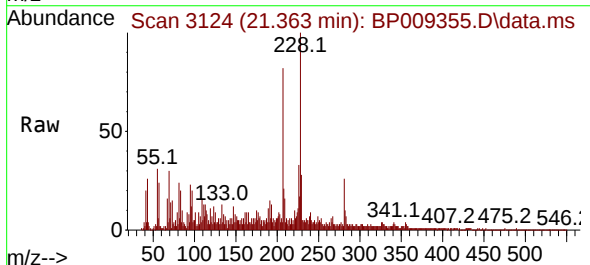
Instrument :
BNA_P
ClientSampleId :
CG-B2-030722-0-2

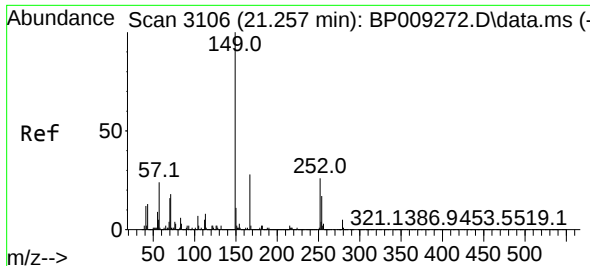
Tgt Ion:228 Resp: 263314
Ion Ratio Lower Upper
228 100
226 30.9 22.0 33.0
229 24.4 16.1 24.1#



#83
Chrysene
Concen: 3.362 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009355.D
Acq: 10 Mar 2022 21:12

Tgt Ion:228 Resp: 270464
Ion Ratio Lower Upper
228 100
226 33.0 24.2 36.2
229 27.7 16.1 24.1#

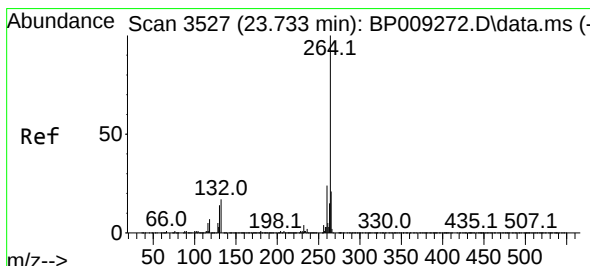
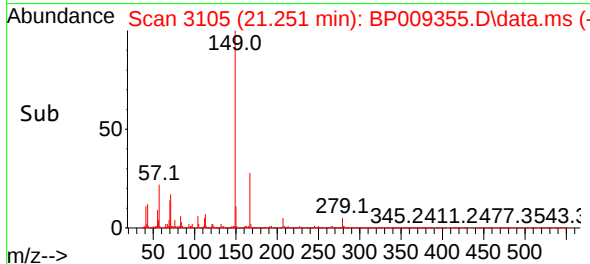
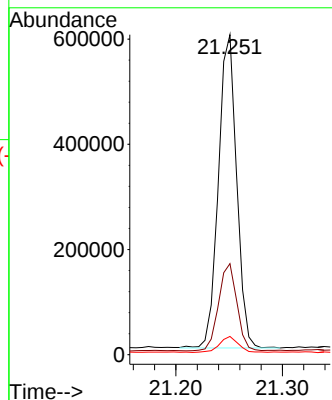
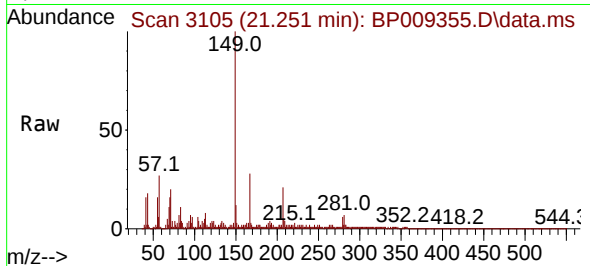




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.813 ng
 RT: 21.251 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BP009355.D
 Acq: 10 Mar 2022 21:12

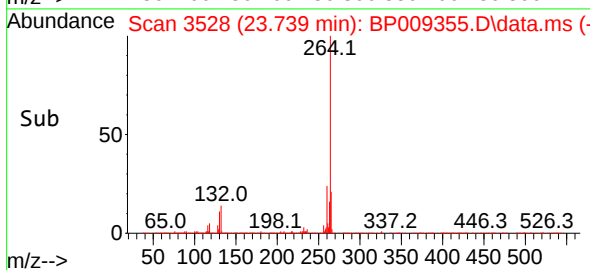
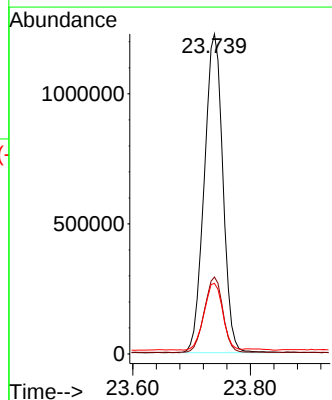
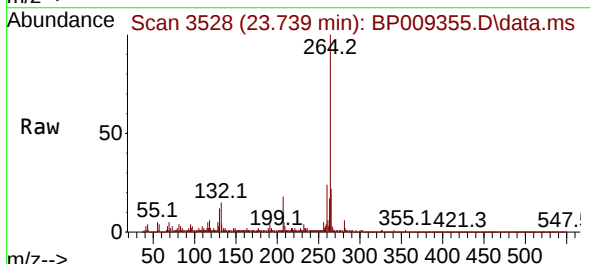
Instrument :
 BNA_P
 ClientSampleId :
 CG-B2-030722-0-2

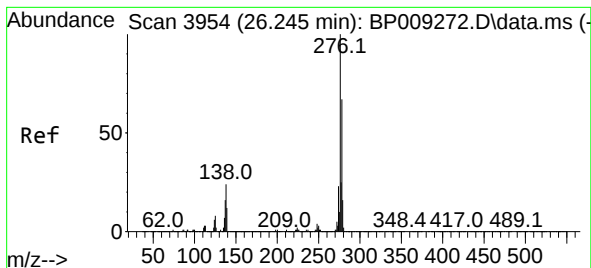
Tgt Ion:149 Resp: 705727
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.6 33.8
 279 5.7 3.8 5.6#



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 23.739 min Scan# 3528
 Delta R.T. 0.006 min
 Lab File: BP009355.D
 Acq: 10 Mar 2022 21:12

Tgt Ion:264 Resp: 2690923
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.182 ng

RT: 26.239 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

Instrument :

BNA_P

ClientSampleId :

CG-B2-030722-0-2

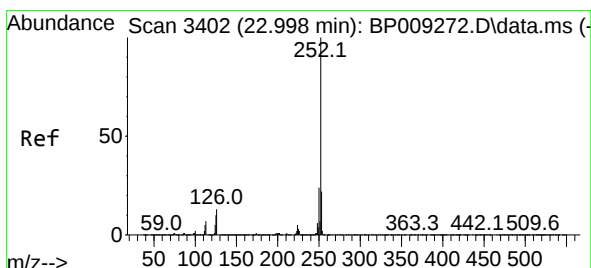
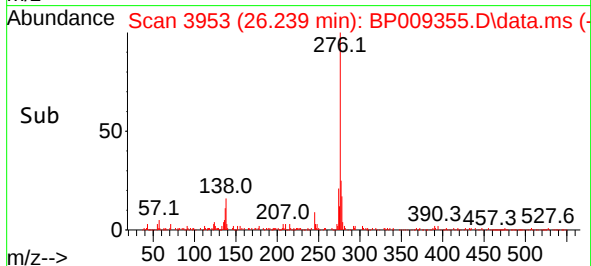
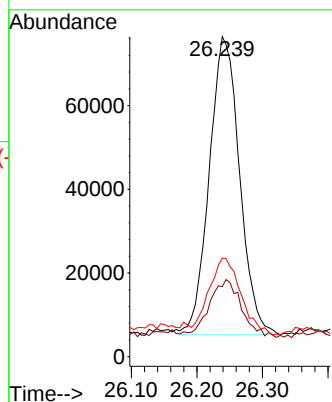
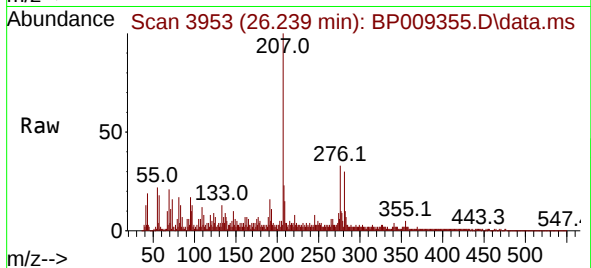
Tgt Ion:276 Resp: 228139

Ion Ratio Lower Upper

276 100

138 20.9 20.5 30.7

277 27.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 4.421 ng

RT: 23.004 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

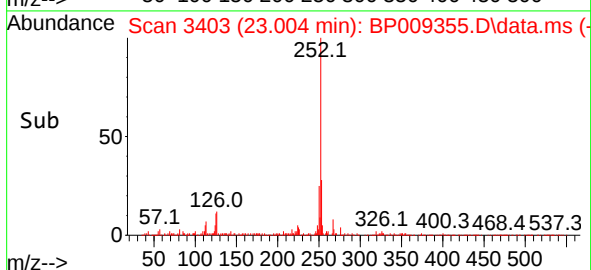
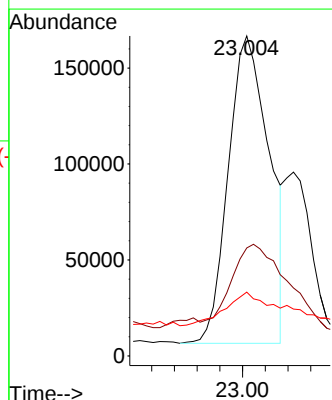
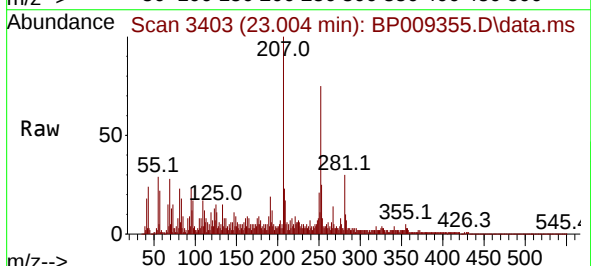
Tgt Ion:252 Resp: 401640

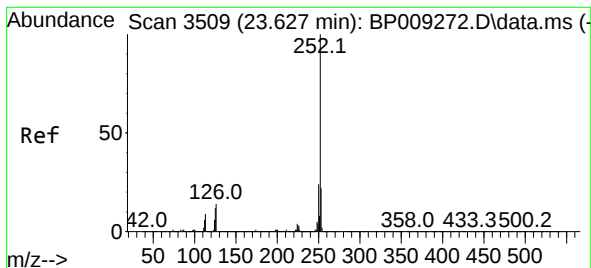
Ion Ratio Lower Upper

252 100

253 33.8 17.8 26.8#

125 20.0 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 3.125 ng

RT: 23.627 min Scan# 3509

Delta R.T. -0.000 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

Instrument :

BNA_P

ClientSampleId :

CG-B2-030722-0-2

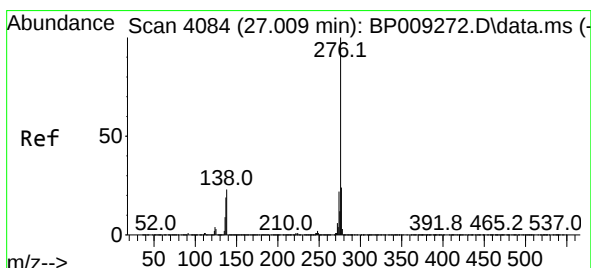
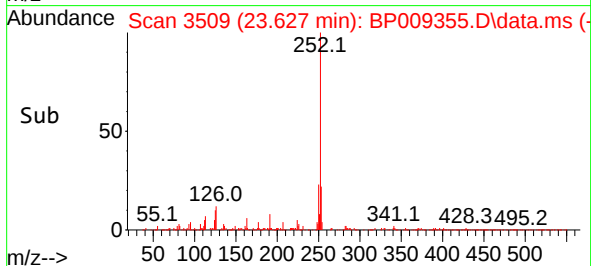
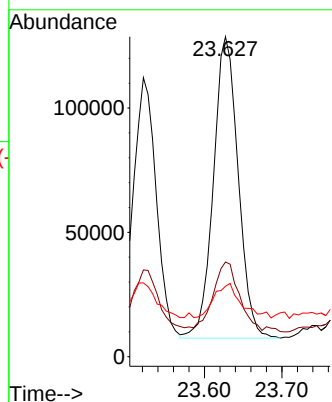
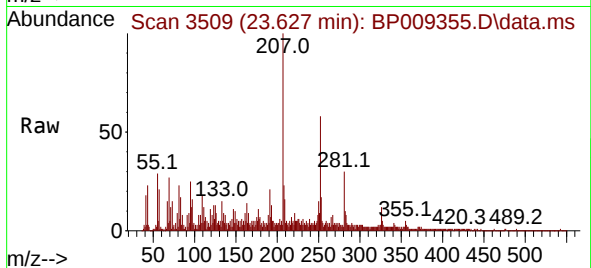
Tgt Ion:252 Resp: 269228

Ion Ratio Lower Upper

252 100

253 29.6 17.8 26.6#

125 22.0 9.3 13.9#



#92

Benzo(g,h,i)perylene

Concen: 2.692 ng

RT: 27.015 min Scan# 4085

Delta R.T. 0.006 min

Lab File: BP009355.D

Acq: 10 Mar 2022 21:12

Tgt Ion:276 Resp: 235738

Ion Ratio Lower Upper

276 100

277 31.0 19.2 28.8#

138 25.3 18.0 27.0

