

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009357.D
 Acq On : 10 Mar 2022 22:19
 Operator : CG/JU
 Sample : N1847-02 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CG-B3-030722-0-2

Quant Time: Mar 11 05:04:37 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)

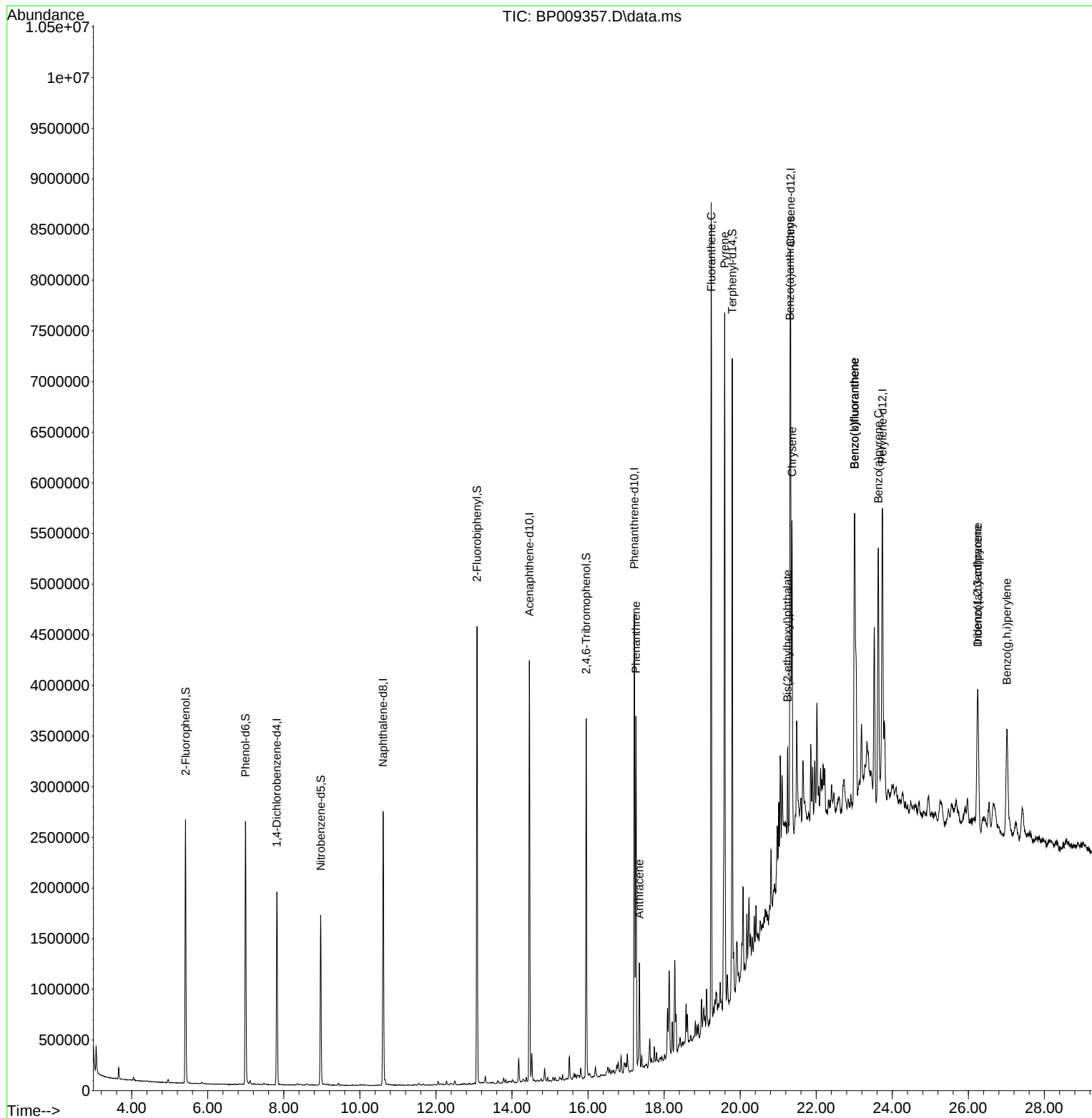
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	592750	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2479350	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1563516	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2982927	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2155571	20.000	ng	0.00
86) Perylene-d12	23.739	264	2311438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1289768	31.761	ng	0.00
7) Phenol-d6	6.993	99	1672877	32.417	ng	0.00
23) Nitrobenzene-d5	8.969	82	1044540	23.204	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	750872	39.772	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2556304	22.484	ng	0.00
79) Terphenyl-d14	19.792	244	3126383	27.370	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.263	178	2346058	13.685	ng	99
72) Anthracene	17.351	178	665763	3.902	ng	99
75) Fluoranthene	19.239	202	5035398	25.448	ng	99
78) Pyrene	19.592	202	4499718	30.918	ng	100
81) Benzo(a)anthracene	21.310	228	2346210	16.059	ng	98
83) Chrysene	21.363	228	2052693	14.471	ng	97
84) Bis(2-ethylhexyl)phtha...	21.251	149	384081	4.572	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.245	276	1539971	8.575	ng	# 93
88) Benzo(b)fluoranthene	23.010	252	3953667	25.333	ng	98
89) Benzo(k)fluoranthene	23.010	252	3955012	26.527	ng	98
90) Benzo(a)pyrene	23.633	252	2215933	14.971	ng	98
91) Dibenzo(a,h)anthracene	26.251	278	408961	2.686	ng	# 87
92) Benzo(g,h,i)perylene	27.015	276	1554590	10.334	ng	96

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

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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
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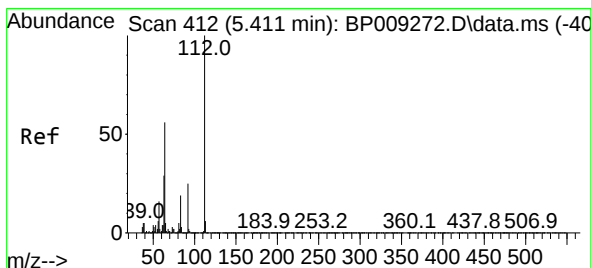
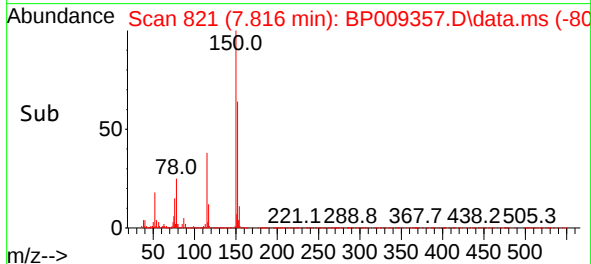
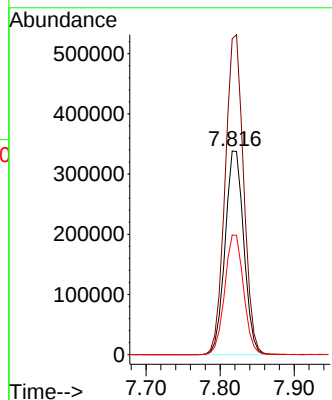
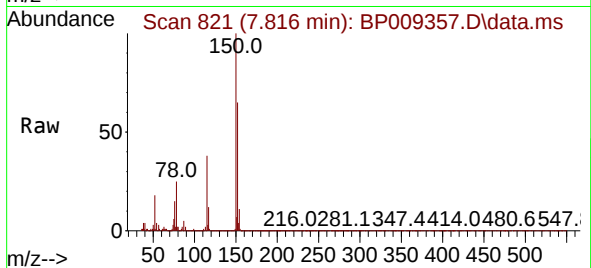




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

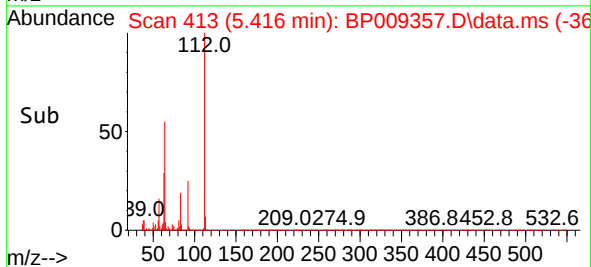
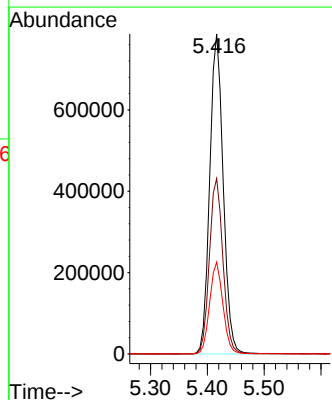
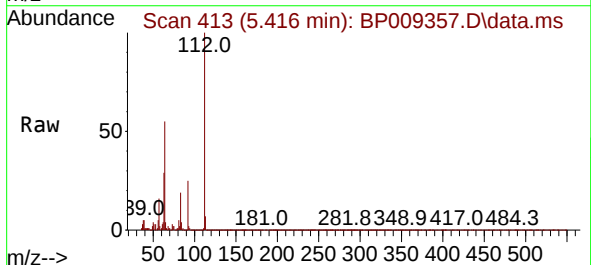
Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

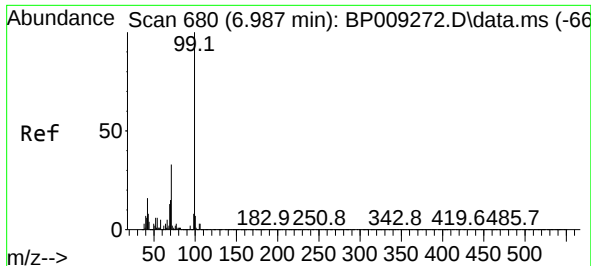
Tgt Ion:152 Resp: 592750
Ion Ratio Lower Upper
152 100
150 155.0 124.5 186.7
115 58.8 48.2 72.4



#5
2-Fluorophenol
Concen: 31.761 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

Tgt Ion:112 Resp: 1289768
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 28.7 23.0 34.6

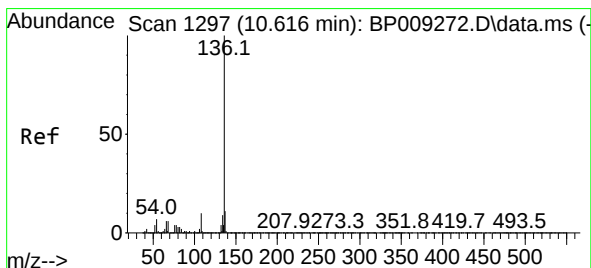
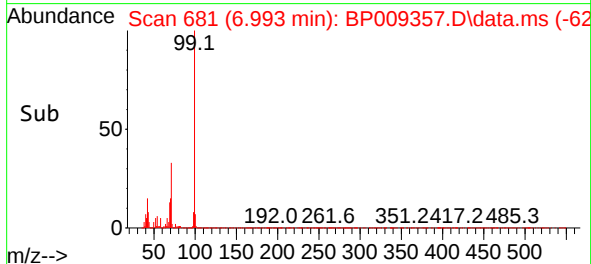
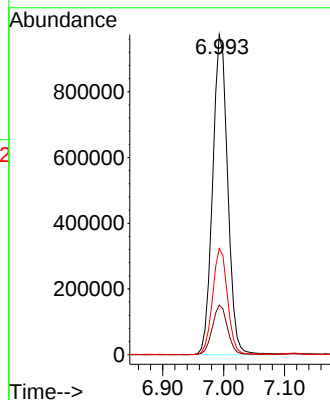
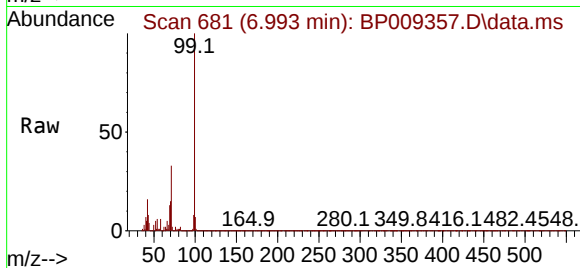




#7
Phenol-d6
Concen: 32.417 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

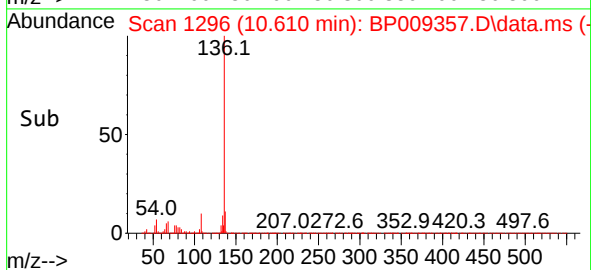
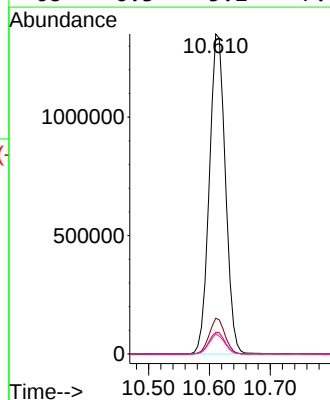
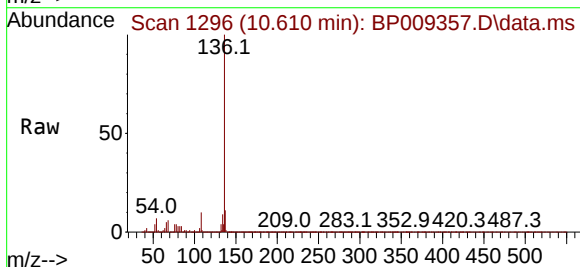
Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

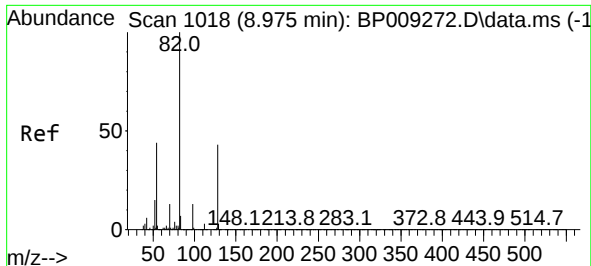
Tgt Ion: 99 Resp: 1672877
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.2 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

Tgt Ion: 136 Resp: 2479350
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.8 5.8 8.8
68 6.3 5.2 7.8

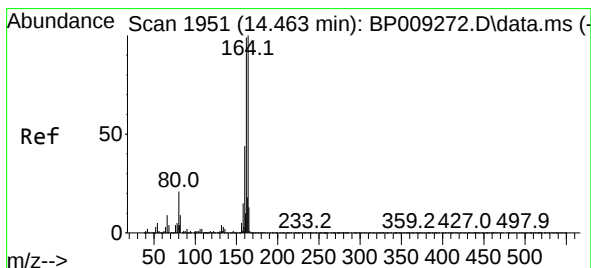
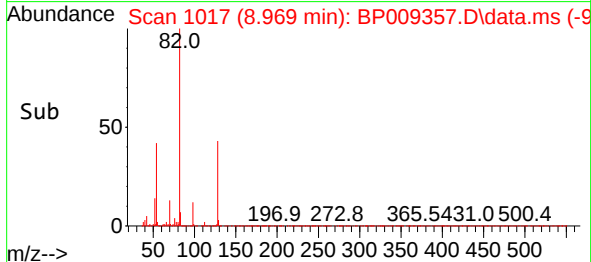
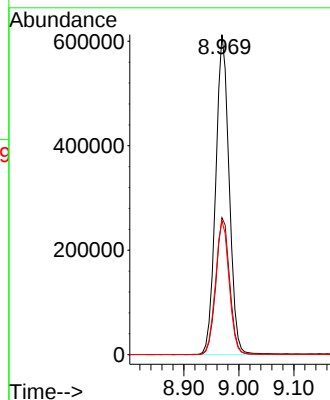
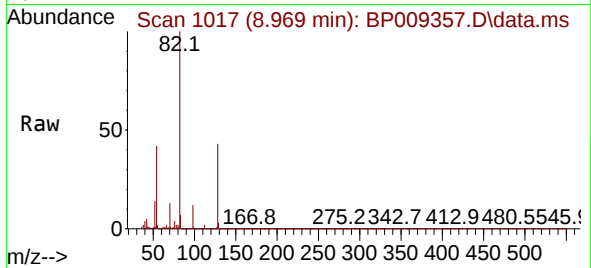




#23
Nitrobenzene-d5
Concen: 23.204 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

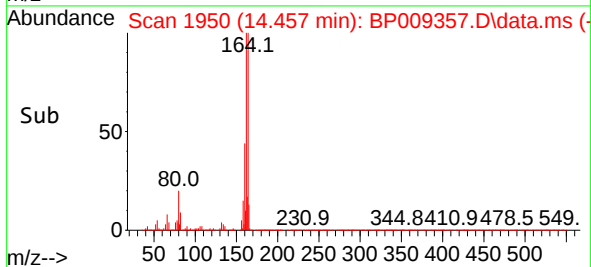
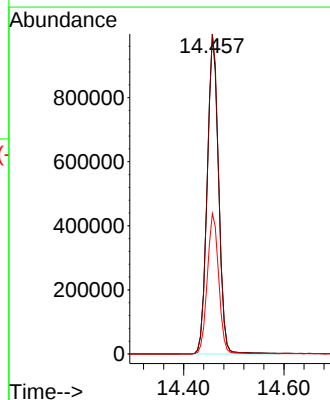
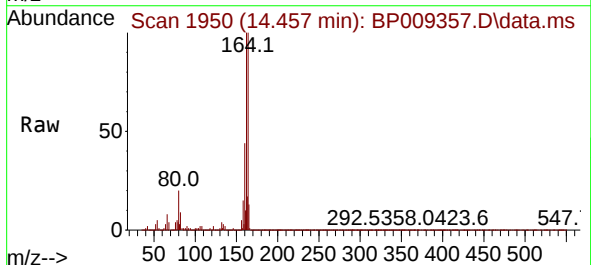
Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

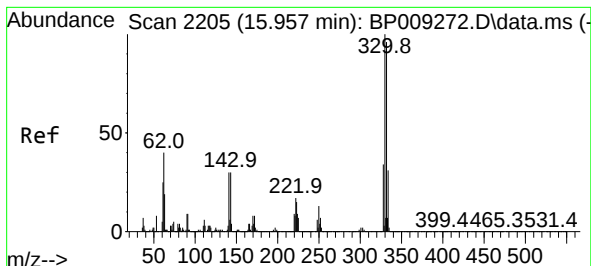
Tgt Ion: 82 Resp: 1044540
Ion Ratio Lower Upper
82 100
128 42.8 34.2 51.4
54 41.8 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

Tgt Ion:164 Resp: 1563516
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 39.772 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009357.D

Acq: 10 Mar 2022 22:19

Instrument :

BNA_P

ClientSampleId :

CG-B3-030722-0-2

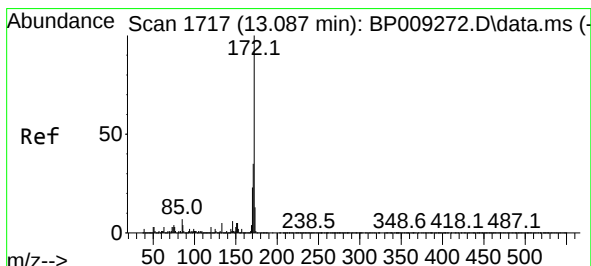
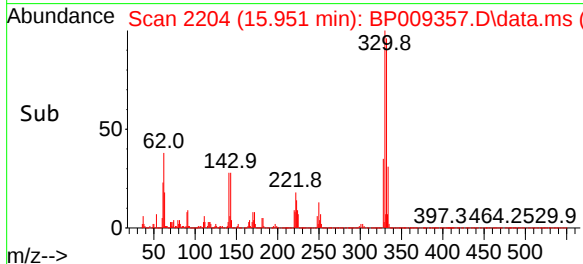
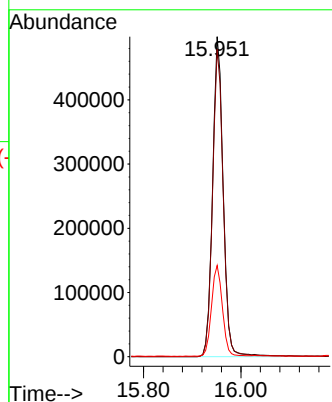
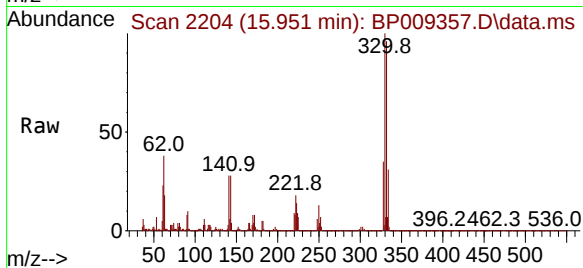
Tgt Ion:330 Resp: 750872

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 29.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 22.484 ng

RT: 13.081 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP009357.D

Acq: 10 Mar 2022 22:19

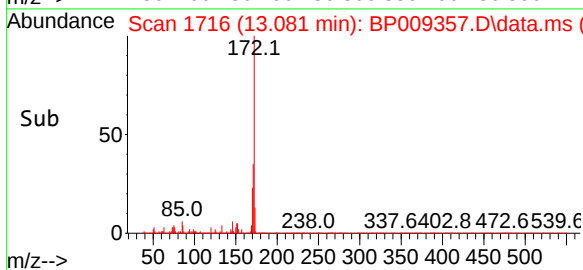
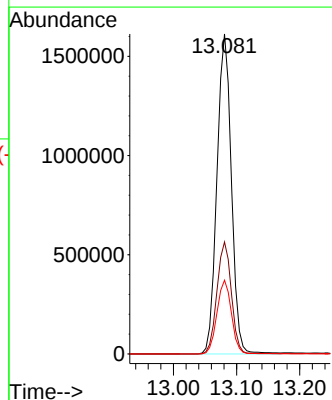
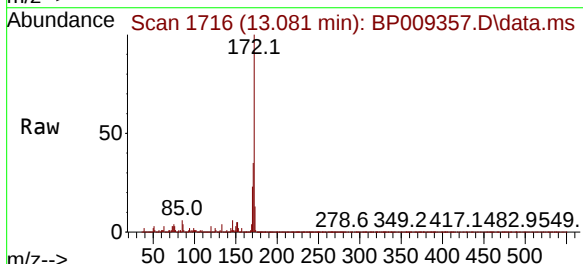
Tgt Ion:172 Resp: 2556304

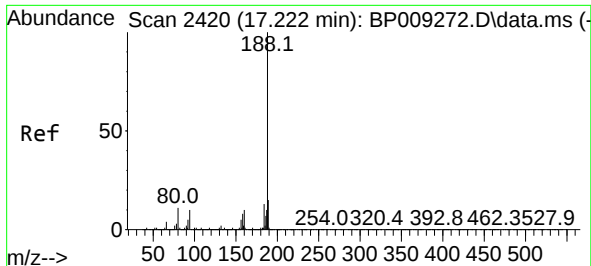
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.1 18.6 27.8

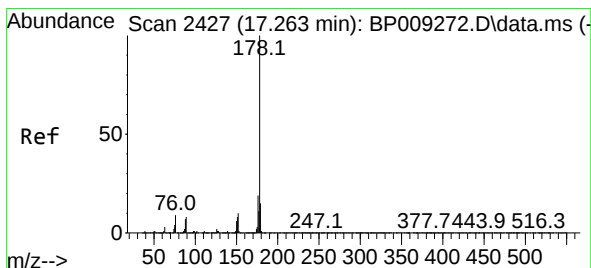
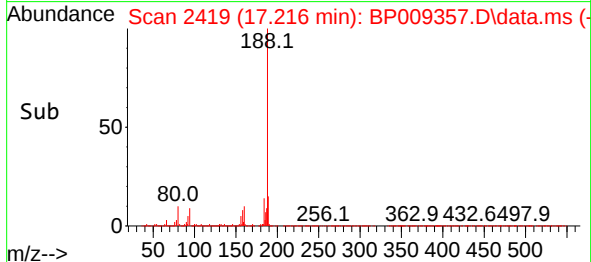
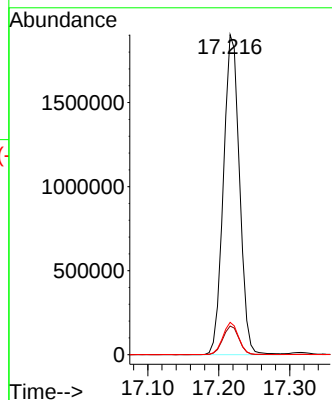
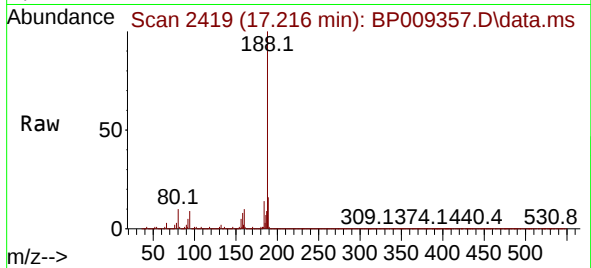




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

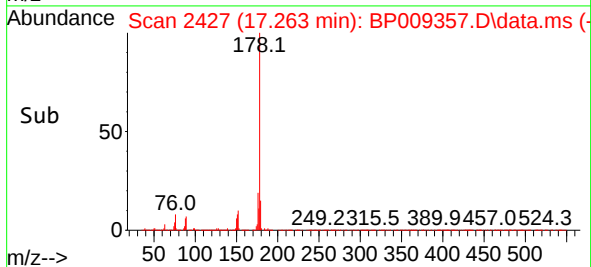
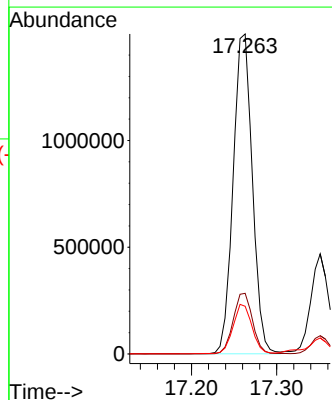
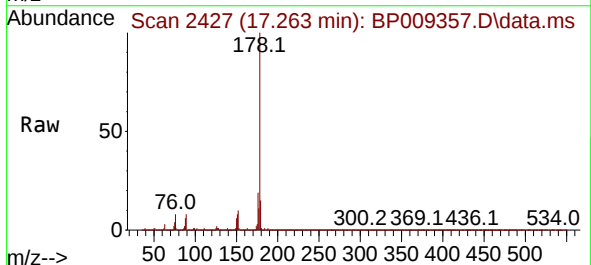
Instrument :
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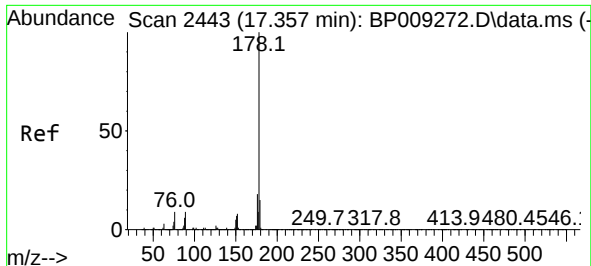
Tgt Ion:188 Resp: 2982927
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.1 8.8 13.2



#71
Phenanthrene
Concen: 13.685 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

Tgt Ion:178 Resp: 2346058
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 14.9 12.3 18.5

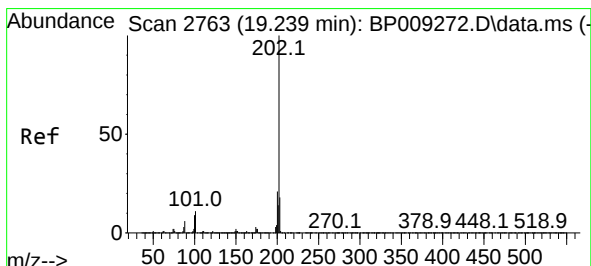
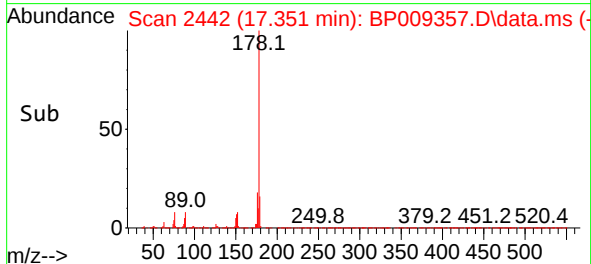
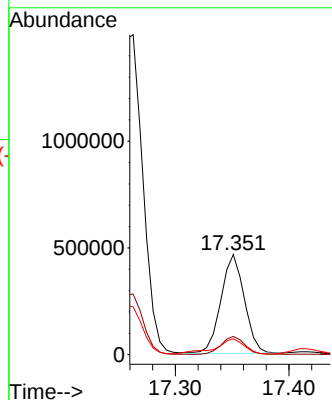
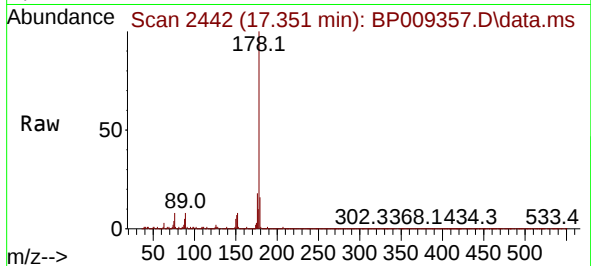




#72
 Anthracene
 Concen: 3.902 ng
 RT: 17.351 min Scan# 2443
 Delta R.T. -0.006 min
 Lab File: BP009357.D
 Acq: 10 Mar 2022 22:19

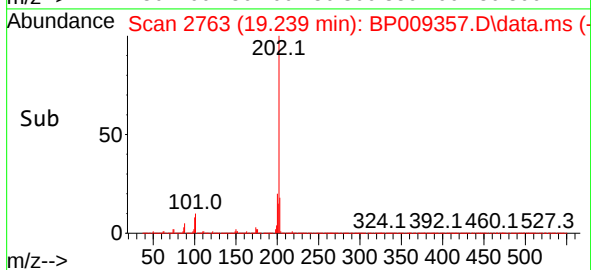
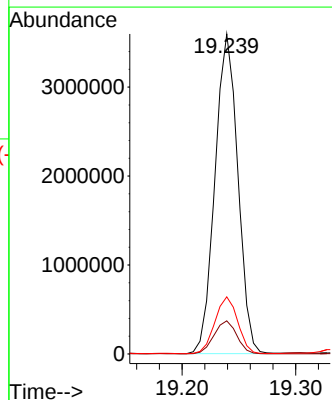
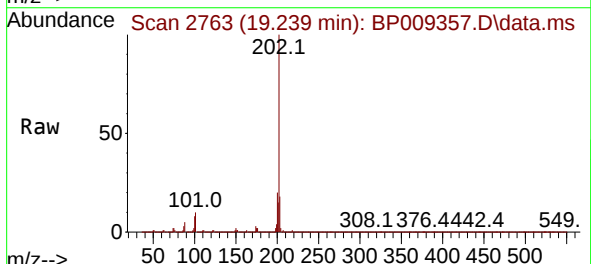
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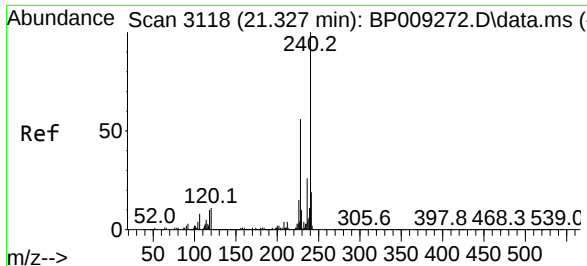
Tgt Ion:178 Resp: 665763
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 16.0 12.2 18.4



#75
 Fluoranthene
 Concen: 25.448 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BP009357.D
 Acq: 10 Mar 2022 22:19

Tgt Ion:202 Resp: 5035398
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 31.5
 203 17.9 0.0 37.8

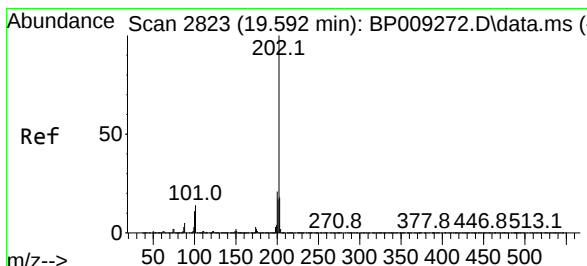
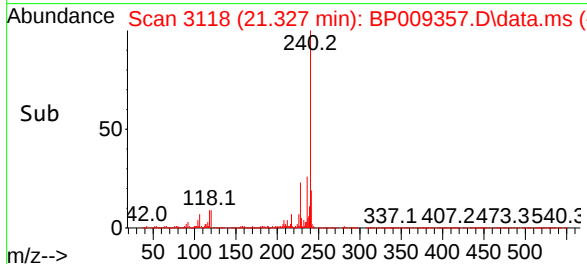
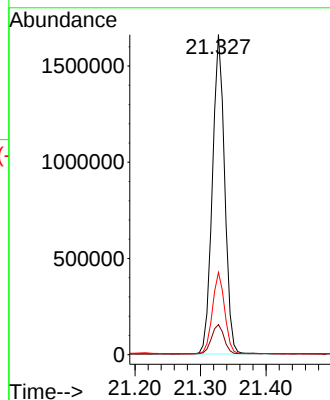
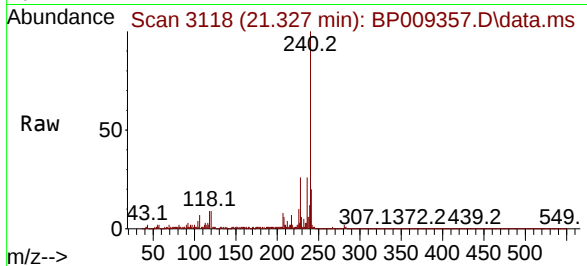




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

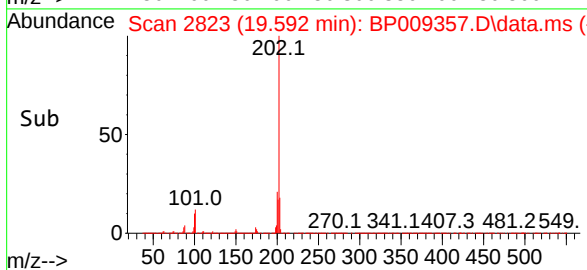
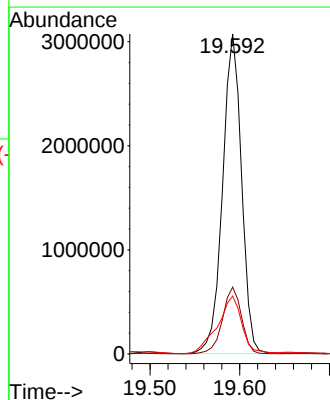
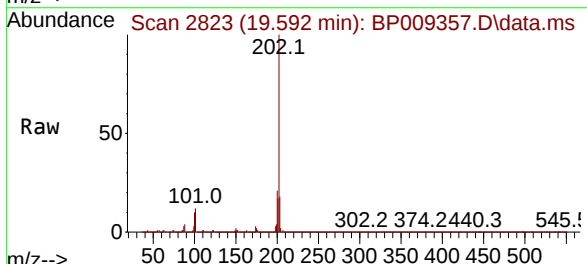
Instrument :
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ClientSampleId :
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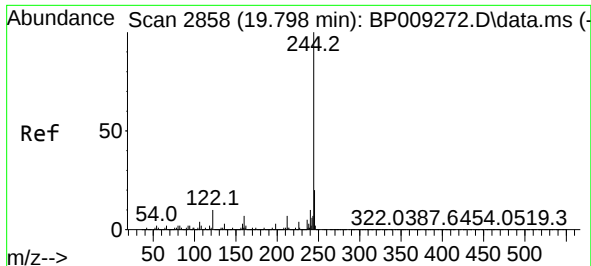
Tgt Ion:240 Resp: 2155571
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 25.7 20.6 30.8



#78
Pyrene
Concen: 30.918 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

Tgt Ion:202 Resp: 4499718
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 18.1 14.2 21.4

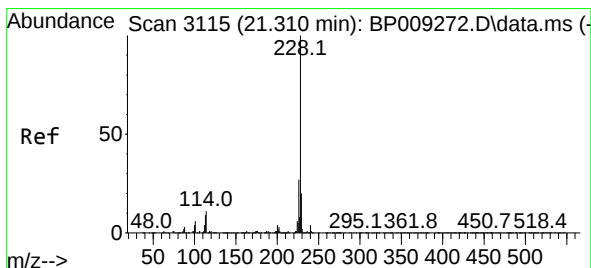
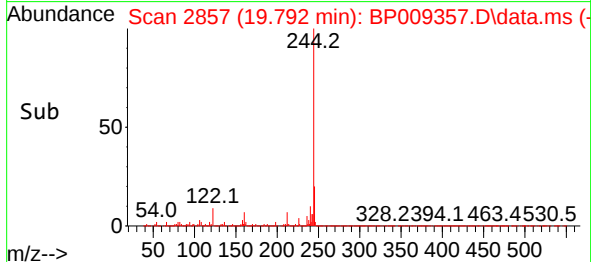
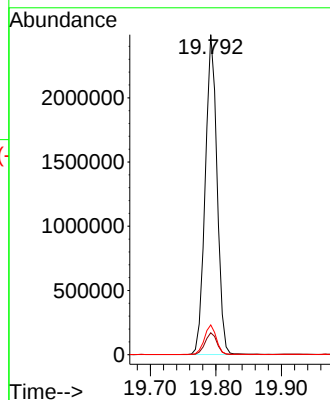
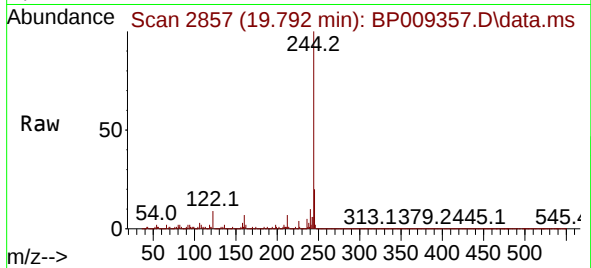




#79
 Terphenyl-d14
 Concen: 27.370 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009357.D
 Acq: 10 Mar 2022 22:19

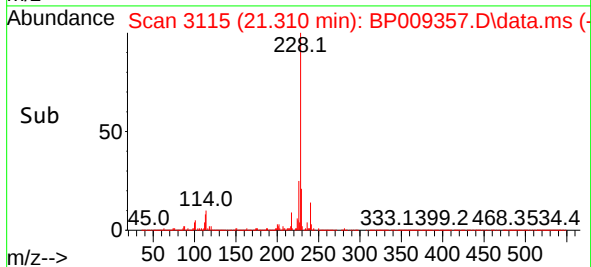
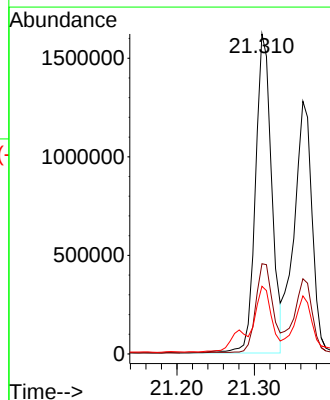
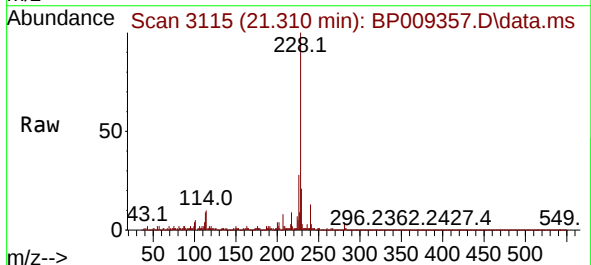
Instrument :
 BNA_P
 ClientSampleId :
 CG-B3-030722-0-2

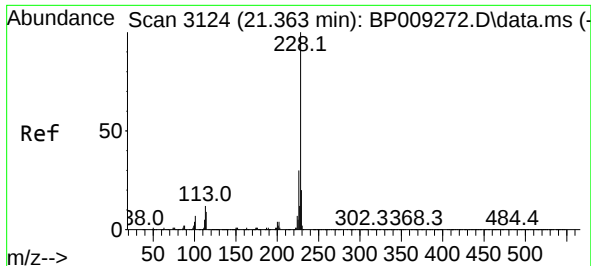
Tgt Ion:244 Resp: 3126383
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.3 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 16.059 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BP009357.D
 Acq: 10 Mar 2022 22:19

Tgt Ion:228 Resp: 2346210
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.0 33.0
 229 21.1 16.1 24.1

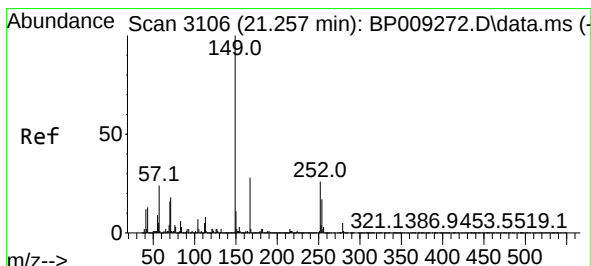
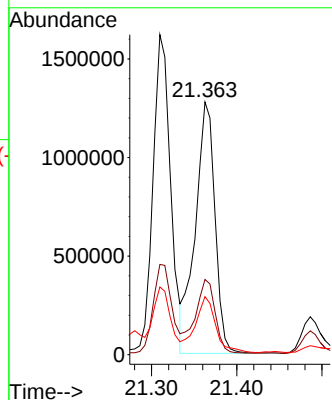
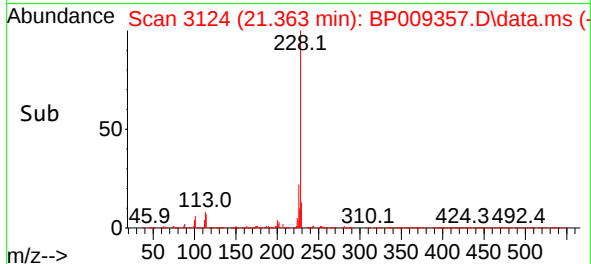
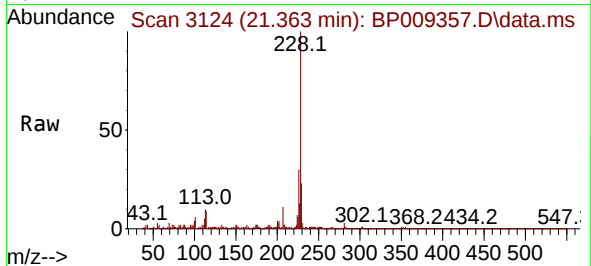




#83
Chrysene
Concen: 14.471 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

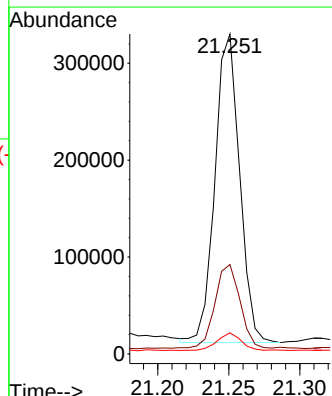
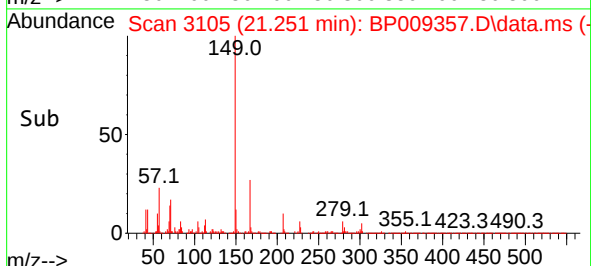
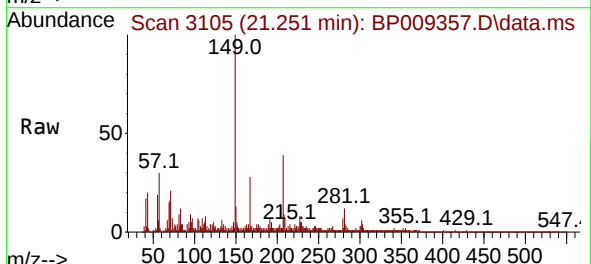
Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

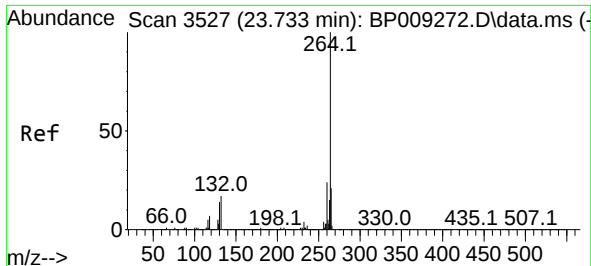
Tgt Ion:228 Resp: 2052693
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 23.0 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.572 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

Tgt Ion:149 Resp: 384081
Ion Ratio Lower Upper
149 100
167 28.0 22.6 33.8
279 6.6 3.8 5.6

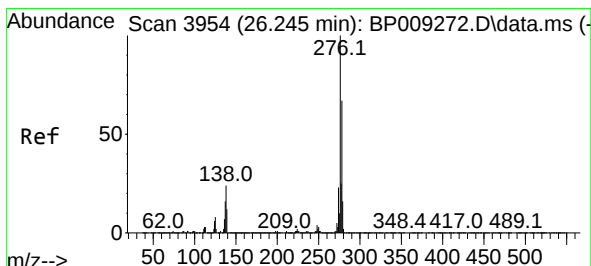
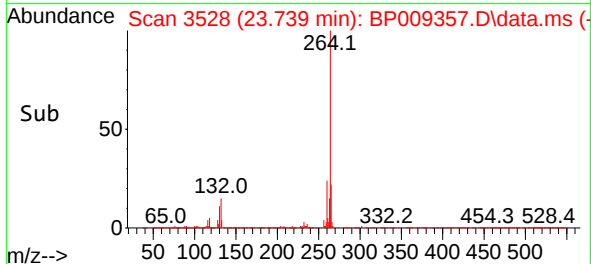
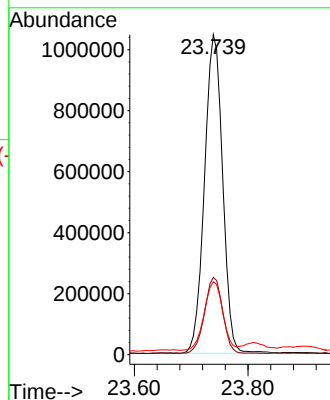
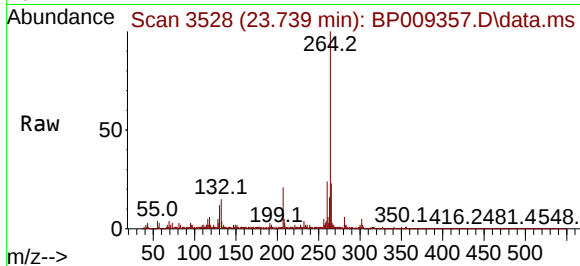




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3527
 Delta R.T. 0.006 min
 Lab File: BP009357.D
 Acq: 10 Mar 2022 22:19

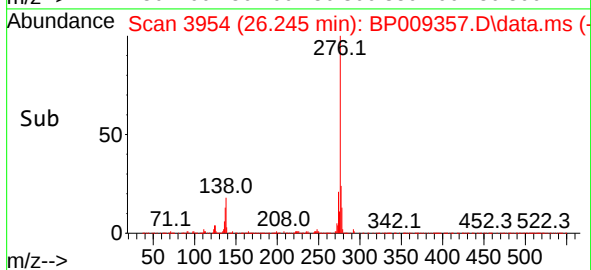
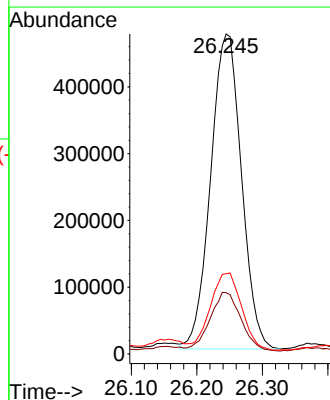
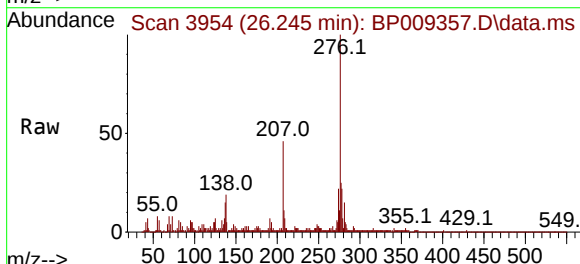
Instrument :
 BNA_P
 ClientSampleId :
 CG-B3-030722-0-2

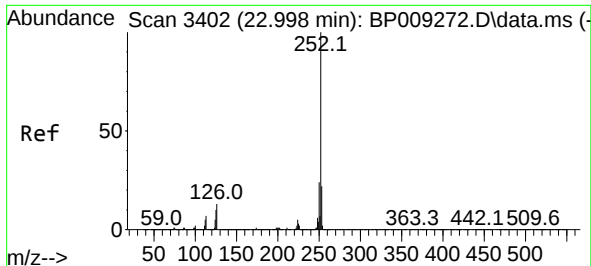
Tgt Ion:264 Resp: 2311438
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 22.8 17.2 25.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.575 ng
 RT: 26.245 min Scan# 3954
 Delta R.T. -0.000 min
 Lab File: BP009357.D
 Acq: 10 Mar 2022 22:19

Tgt Ion:276 Resp: 1539971
 Ion Ratio Lower Upper
 276 100
 138 18.8 20.5 30.7#
 277 25.0 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 25.333 ng

RT: 23.010 min Scan# 3404

Delta R.T. 0.012 min

Lab File: BP009357.D

Acq: 10 Mar 2022 22:19

Instrument :

BNA_P

ClientSampleId :

CG-B3-030722-0-2

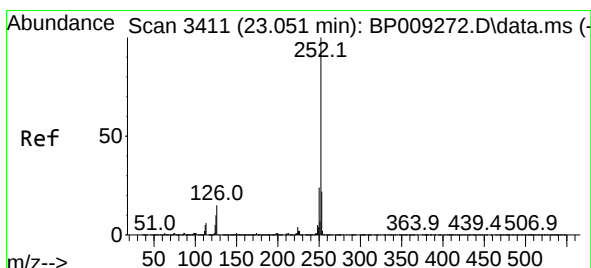
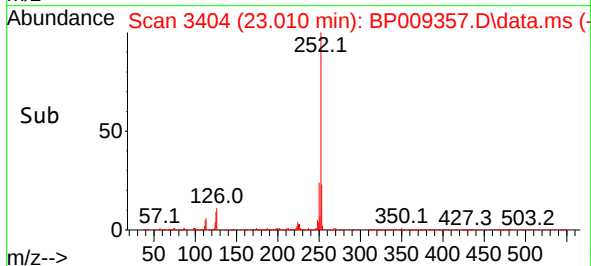
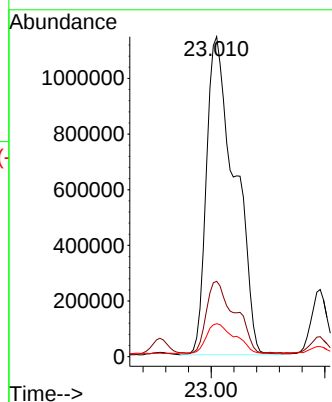
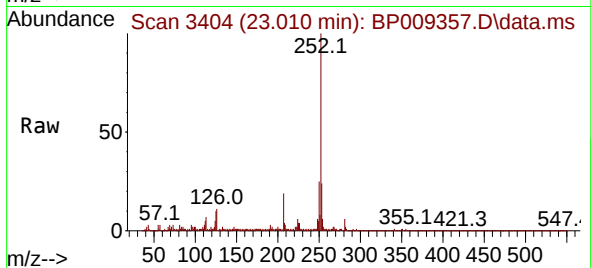
Tgt Ion:252 Resp: 3953667

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 10.3 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 26.527 ng

RT: 23.010 min Scan# 3404

Delta R.T. -0.041 min

Lab File: BP009357.D

Acq: 10 Mar 2022 22:19

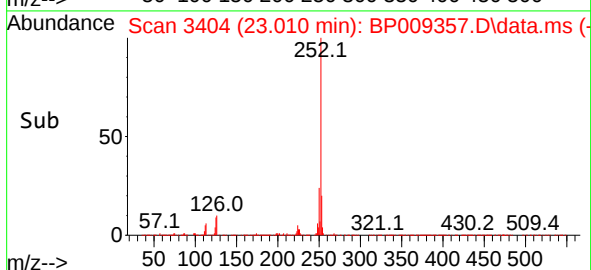
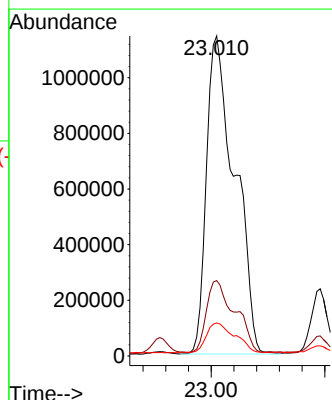
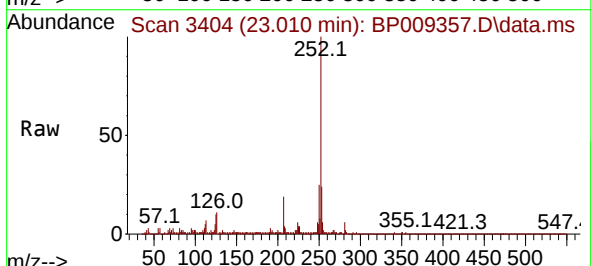
Tgt Ion:252 Resp: 3955012

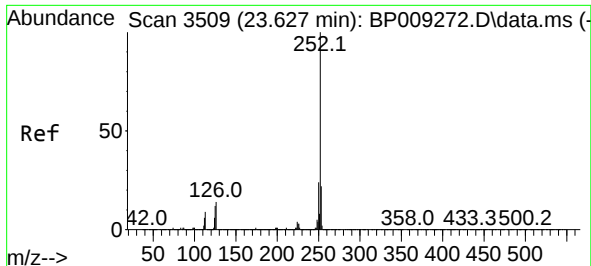
Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 10.3 8.3 12.5

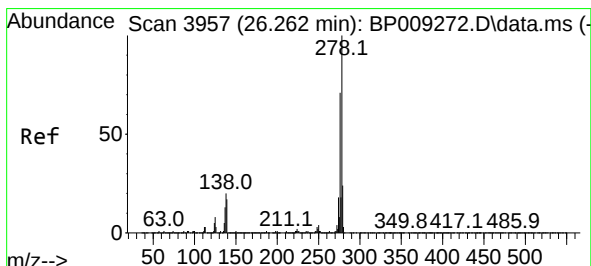
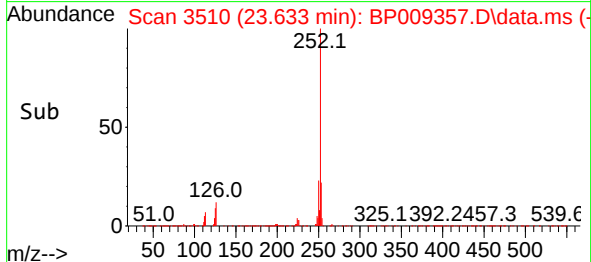
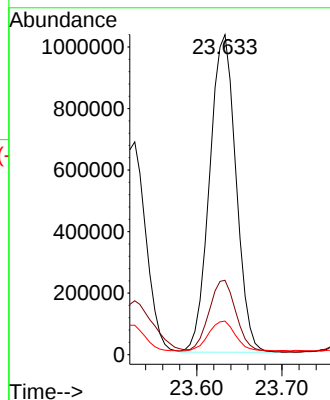
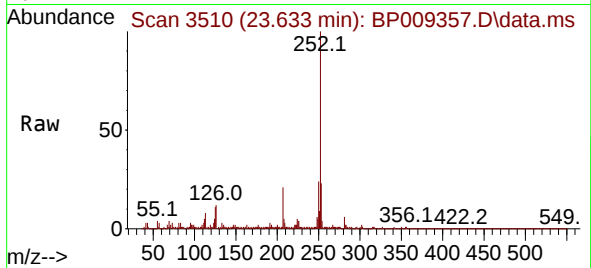




#90
Benzo(a)pyrene
Concen: 14.971 ng
RT: 23.633 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

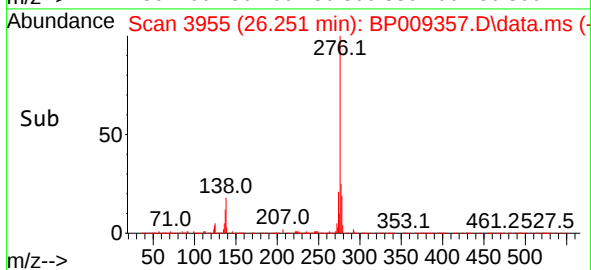
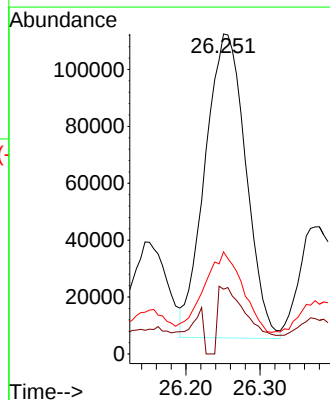
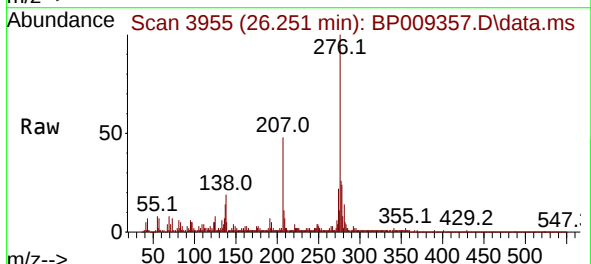
Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

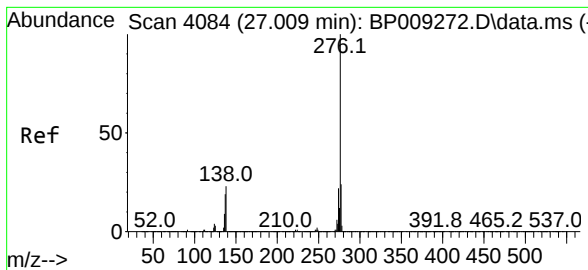
Tgt Ion:252 Resp: 2215933
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.5 9.3 13.9



#91
Dibenzo(a,h)anthracene
Concen: 2.686 ng
RT: 26.251 min Scan# 3955
Delta R.T. -0.012 min
Lab File: BP009357.D
Acq: 10 Mar 2022 22:19

Tgt Ion:278 Resp: 408961
Ion Ratio Lower Upper
278 100
139 20.3 13.2 19.8#
279 31.9 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 10.334 ng

RT: 27.015 min Scan# 4085

Delta R.T. 0.006 min

Lab File: BP009357.D

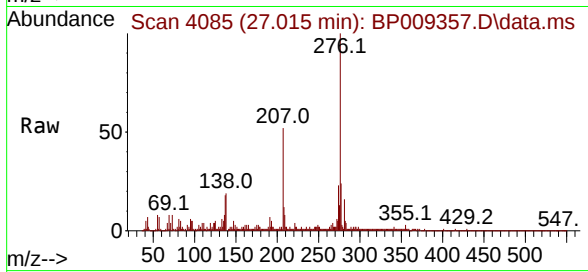
Acq: 10 Mar 2022 22:19

Instrument :

BNA_P

ClientSampleId :

CG-B3-030722-0-2



Tgt Ion:276 Resp: 1554590

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 18.6 18.0 27.0

