

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP012015.D
 Acq On : 07 Oct 2022 19:04
 Operator : CG/JU
 Sample : N4923-17DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10037DL

Quant Time: Oct 07 23:10:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

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

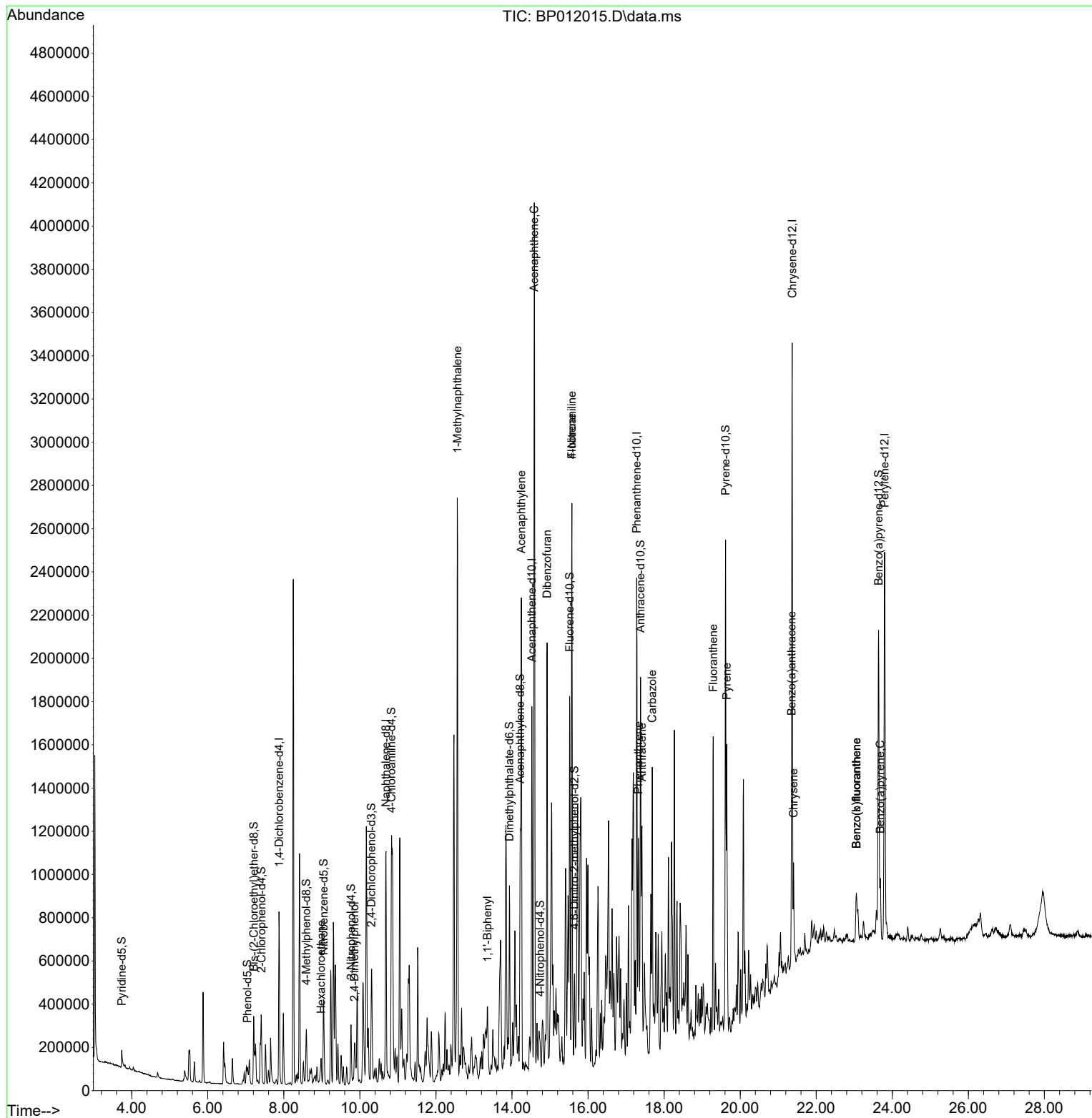
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	230586	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	950945	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	575765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	1231468	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1264979	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	1328902	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	3880	0.742	ng/uL	0.00
4) Pyridine-d5	3.740	84	54497	3.559	ng/ul	0.02
7) Phenol-d5	7.046	99	53708	2.698	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	141761	12.848	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	162919	10.368	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	100579	6.112	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	102336	14.128	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	101687	13.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	178524	12.455	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	267362	12.235	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	598146	14.528	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	736606	15.693	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	21572	2.530	ng/ul	0.02
60) Fluorene-d10	15.516	176	568637	15.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	80162	10.755	ng/ul	0.01
73) Anthracene-d10	17.380	188	895662	15.967	ng/ul	0.00
81) Pyrene-d10	19.616	212	1025707	16.011	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	1039038	15.619	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	8.981	117	10078	1.608	ng/ul#	6
26) 2,4-Dimethylphenol	9.857	107	64554	3.883	ng/ul	93
37) 1-Methylnaphthalene	12.563	142	1237523	34.576	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	159827	3.753	ng/ul	98
50) Acenaphthylene	14.245	152	1253686	24.049	ng/ul	99
52) Acenaphthene	14.586	153	1713004	46.576	ng/ul	100
56) Dibenzofuran	14.922	168	1269667	25.204	ng/ul	100
61) Fluorene	15.575	166	1178231	28.557	ng/ul	99
63) 4-Nitroaniline	15.575	138	13122	1.411	ng/ul#	49
72) Phenanthrene	17.322	178	583115	8.616	ng/ul	99
74) Anthracene	17.416	178	419340	6.158	ng/ul	100
77) Carbazole	17.686	167	843949	13.718	ng/ul	99
80) Fluoranthene	19.292	202	771846	9.845	ng/ul	98
82) Pyrene	19.645	202	629847	7.716	ng/ul	98
85) Benzo(a)anthracene	21.351	228	271852	3.286	ng/ul	96
87) Chrysene	21.404	228	210918	2.717	ng/ul	96
90) Benzo(b)fluoranthene	23.057	252	218186	2.572	ng/ul	98
91) Benzo(k)fluoranthene	23.057	252	218186	2.671	ng/ul	99
93) Benzo(a)pyrene	23.686	252	185401	2.449	ng/ul	97

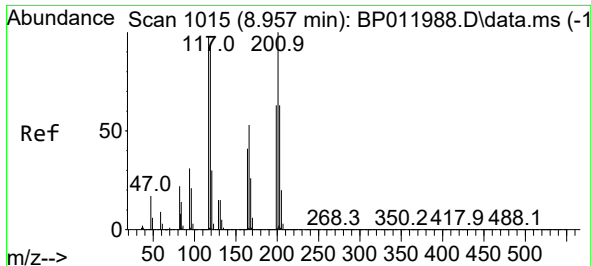
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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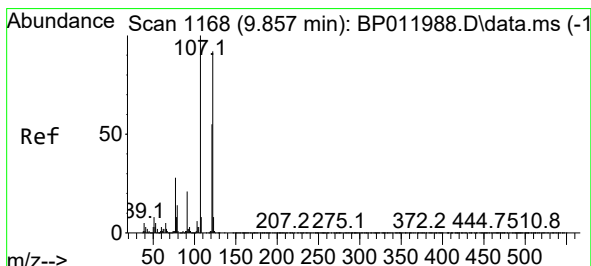
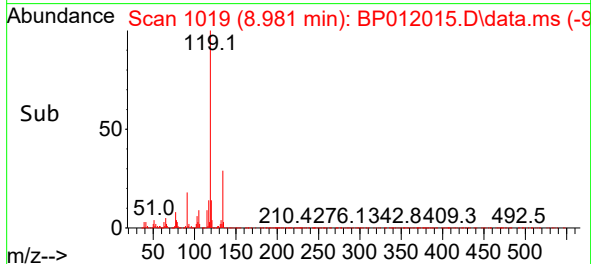
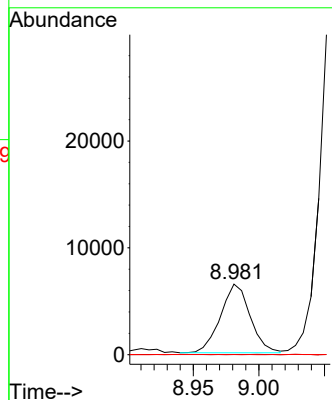
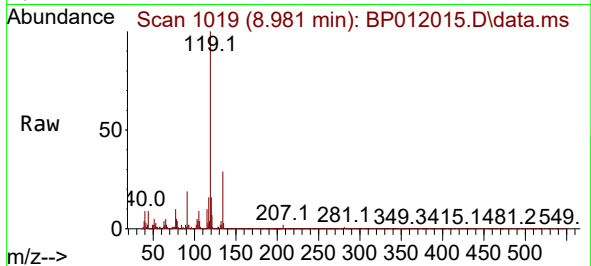




#19
Hexachloroethane
Concen: 1.608 ng/ul
RT: 8.981 min Scan# 1015
Delta R.T. 0.023 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

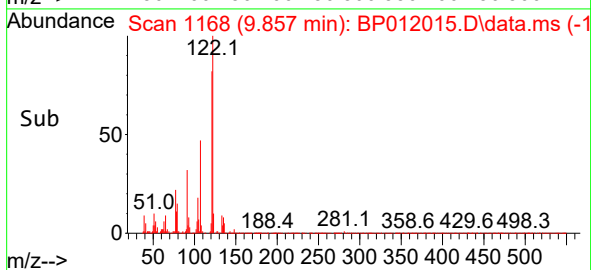
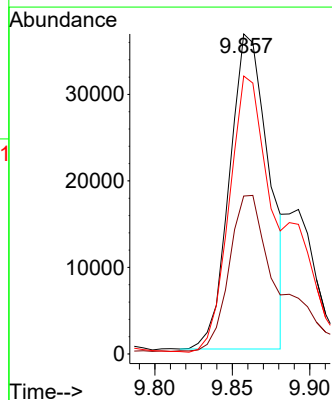
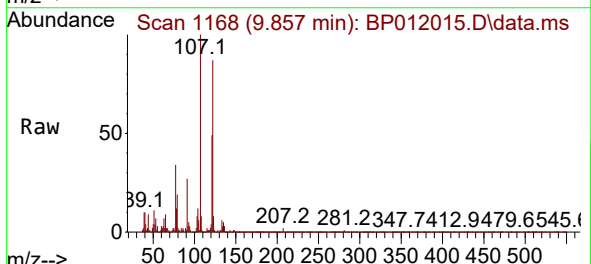
Instrument :
BNA_P
ClientSampleId :
E10037DL

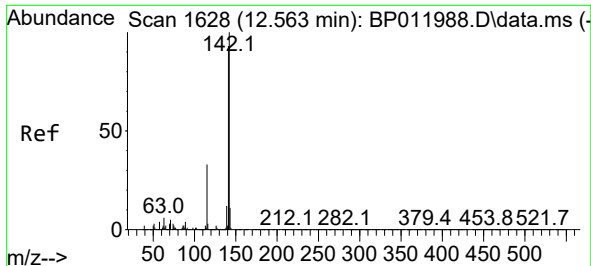
Tgt Ion:117 Resp: 10078
Ion Ratio Lower Upper
117 100
201 0.3 82.4 123.6#
199 0.2 51.6 77.4#



#26
2,4-Dimethylphenol
Concen: 3.883 ng/ul
RT: 9.857 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

Tgt Ion:107 Resp: 64554
Ion Ratio Lower Upper
107 100
121 49.4 43.0 64.6
122 86.8 74.9 112.3





#37

1-Methylnaphthalene

Concen: 34.576 ng/ul

RT: 12.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

Instrument :

BNA_P

ClientSampleId :

E10037DL

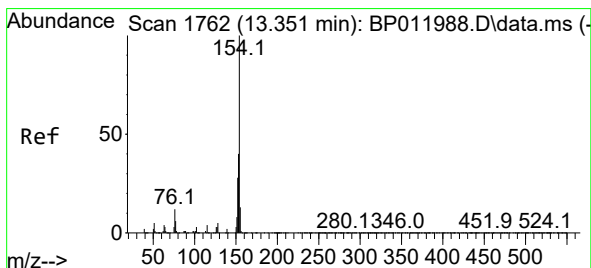
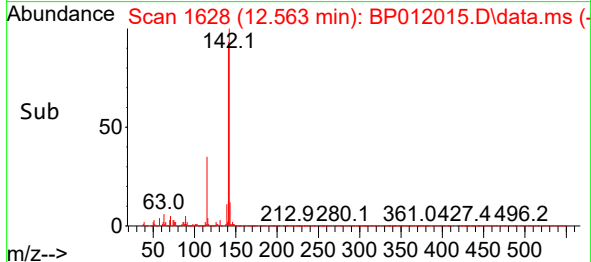
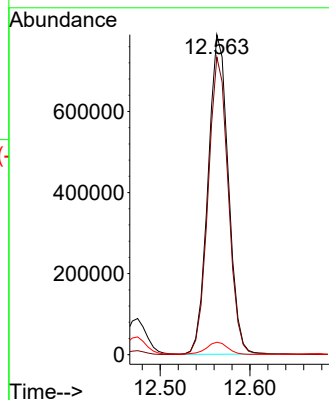
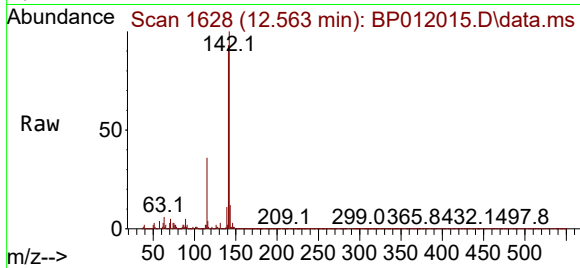
Tgt Ion:142 Resp: 1237523

Ion Ratio Lower Upper

142 100

141 93.0 74.8 112.2

116 3.9 2.9 4.3



#43

1,1'-Biphenyl

Concen: 3.753 ng/ul

RT: 13.357 min Scan# 1763

Delta R.T. 0.006 min

Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

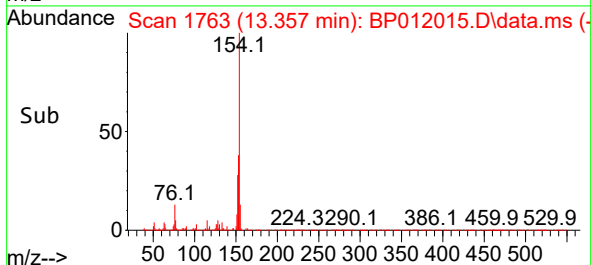
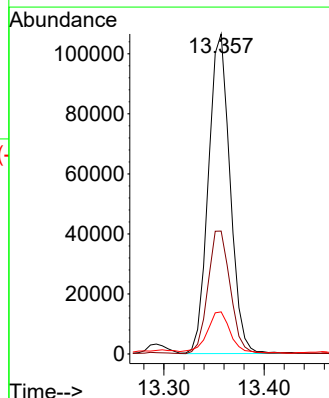
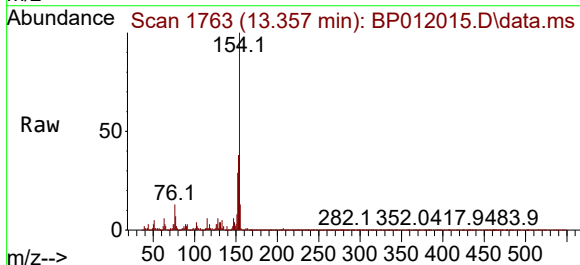
Tgt Ion:154 Resp: 159827

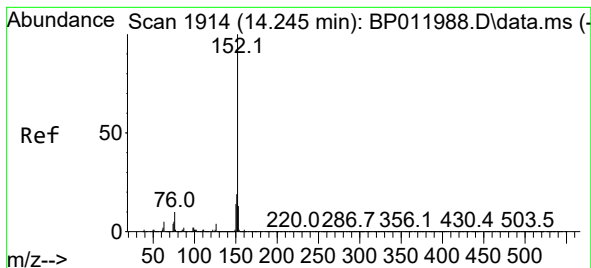
Ion Ratio Lower Upper

154 100

153 38.4 31.8 47.6

76 13.1 9.5 14.3





#50

Acenaphthylene

Concen: 24.049 ng/ul

RT: 14.245 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

Instrument :

BNA_P

ClientSampleId :

E10037DL

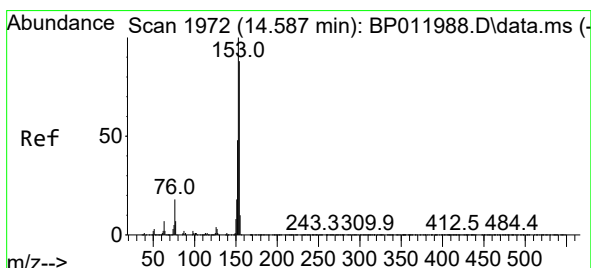
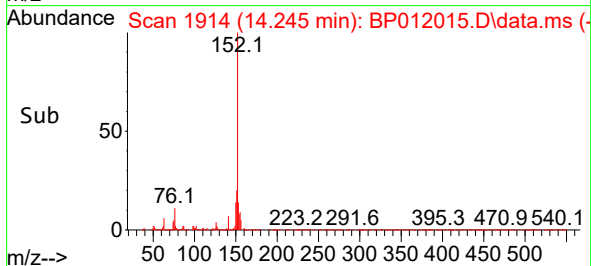
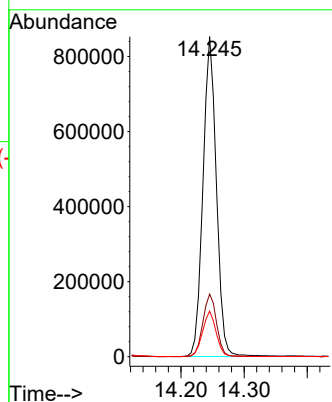
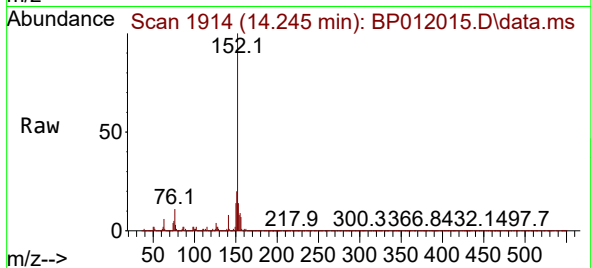
Tgt Ion:152 Resp: 1253686

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 14.3 10.8 16.2



#52

Acenaphthene

Concen: 46.576 ng/ul

RT: 14.586 min Scan# 1972

Delta R.T. -0.000 min

Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

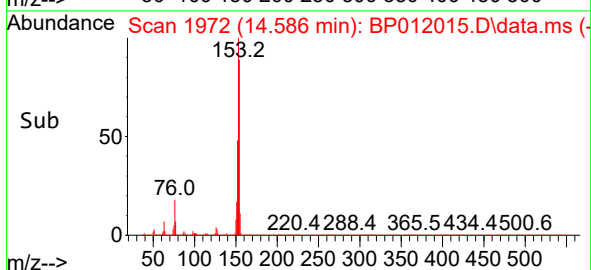
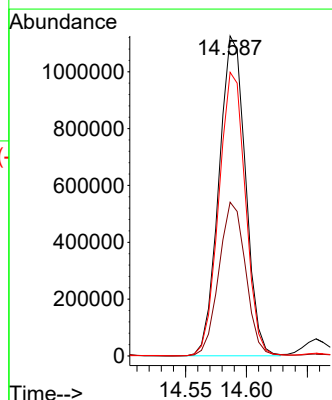
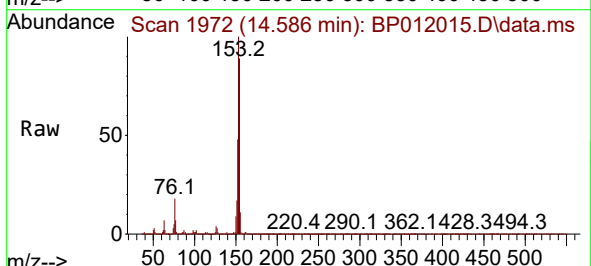
Tgt Ion:153 Resp: 1713004

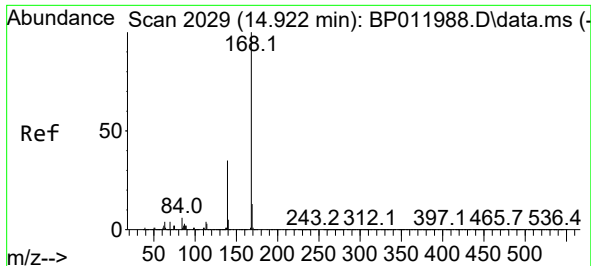
Ion Ratio Lower Upper

153 100

152 48.1 38.4 57.6

154 88.6 70.6 105.8

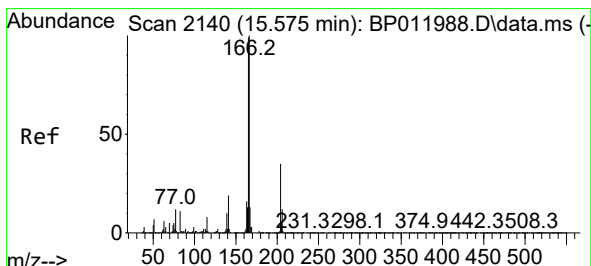
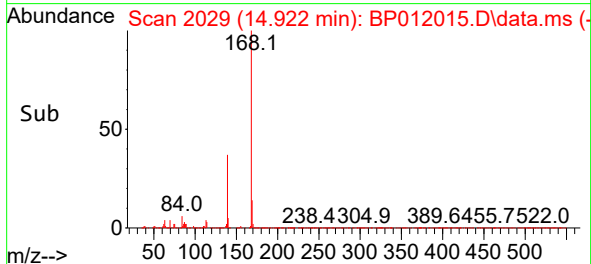
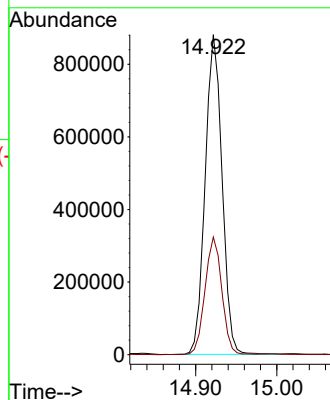
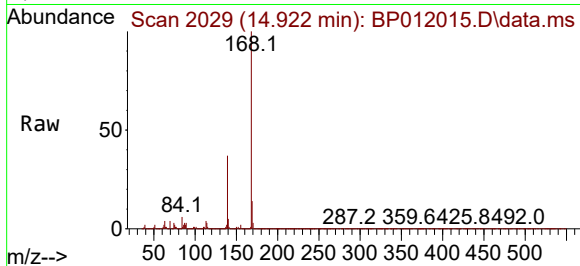




#56
Dibenzenofuran
Concen: 25.204 ng/ul
RT: 14.922 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

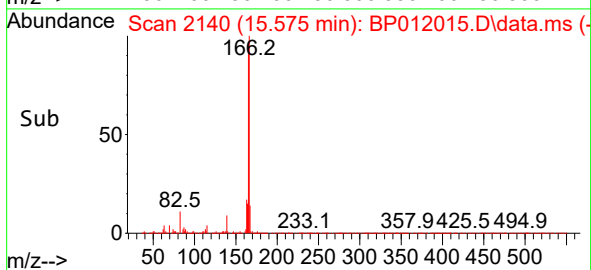
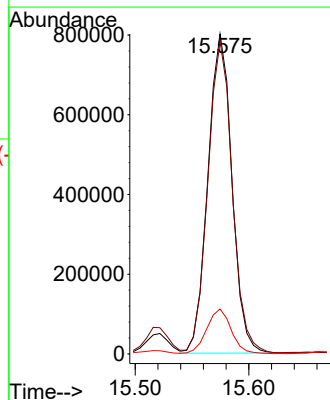
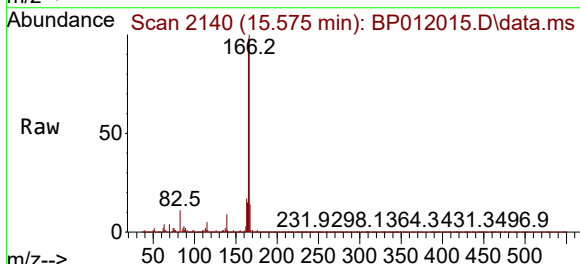
Instrument :
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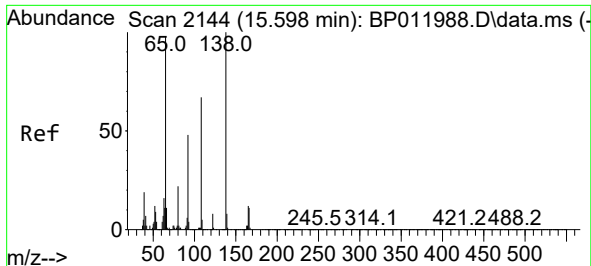
Tgt Ion:168 Resp: 1269667
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.2



#61
Fluorene
Concen: 28.557 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

Tgt Ion:166 Resp: 1178231
Ion Ratio Lower Upper
166 100
165 97.6 77.2 115.8
167 14.1 10.7 16.1

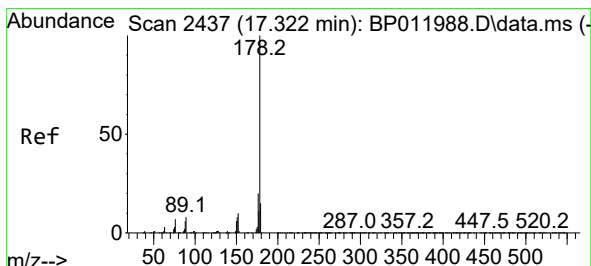
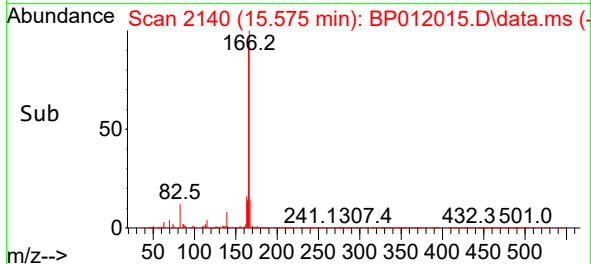
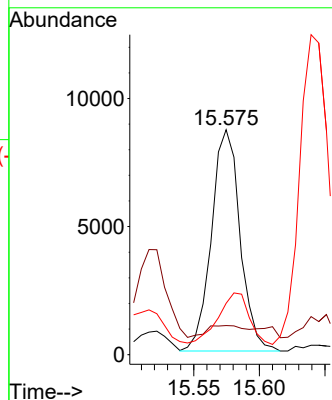
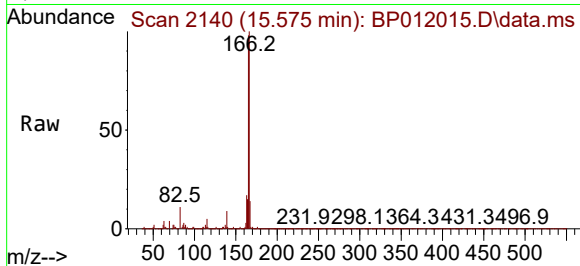




#63
4-Nitroaniline
Concen: 1.411 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.024 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

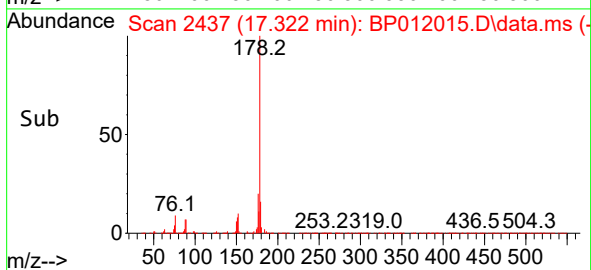
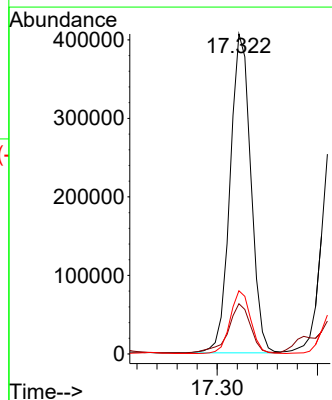
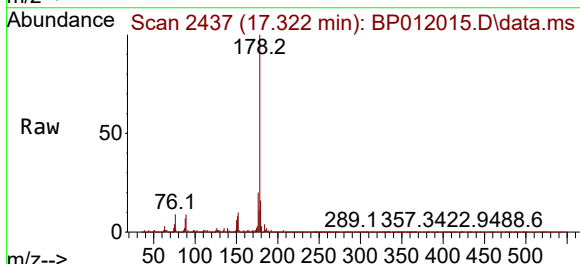
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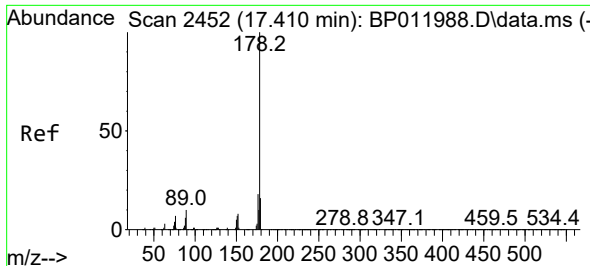
Tgt Ion:138 Resp: 13122
Ion Ratio Lower Upper
138 100
92 12.9 35.9 53.9#
108 22.8 51.6 77.4#



#72
Phenanthrene
Concen: 8.616 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

Tgt Ion:178 Resp: 583115
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.8 15.4 23.2

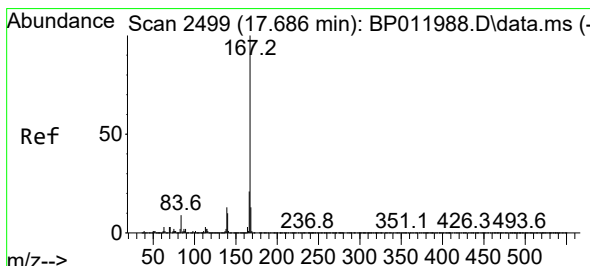
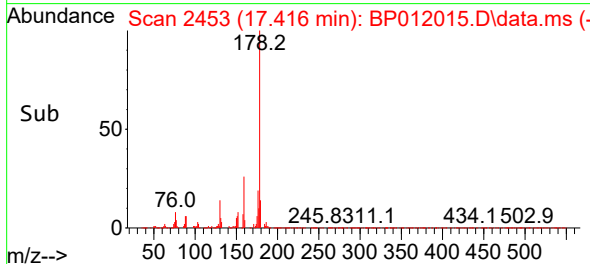
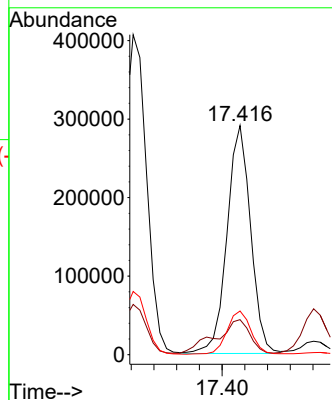
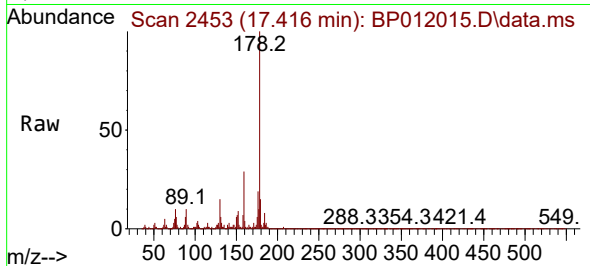




#74
 Anthracene
 Concen: 6.158 ng/ul
 RT: 17.416 min Scan# 2452
 Delta R.T. 0.006 min
 Lab File: BP012015.D
 Acq: 07 Oct 2022 19:04

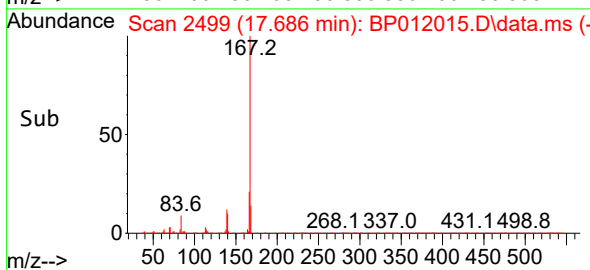
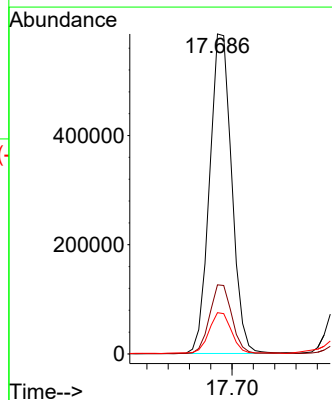
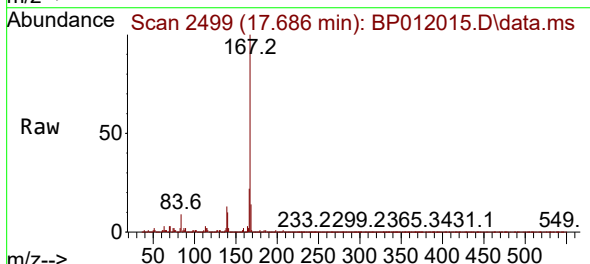
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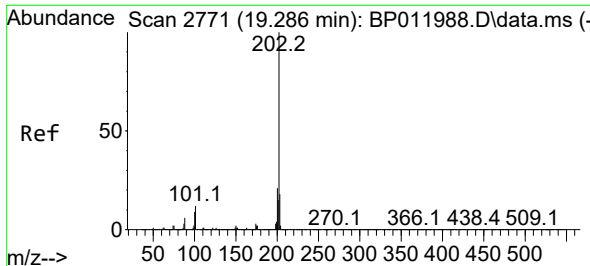
Tgt Ion:178 Resp: 419340
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.1 15.4 23.2



#77
 Carbazole
 Concen: 13.718 ng/ul
 RT: 17.686 min Scan# 2499
 Delta R.T. -0.000 min
 Lab File: BP012015.D
 Acq: 07 Oct 2022 19:04

Tgt Ion:167 Resp: 843949
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.9 10.1 15.1

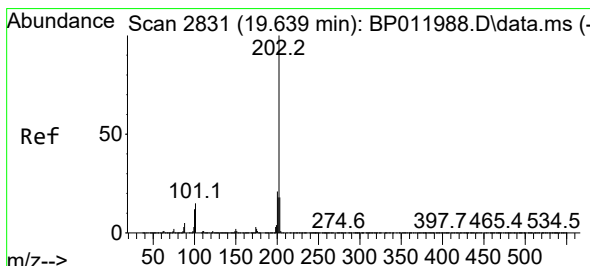
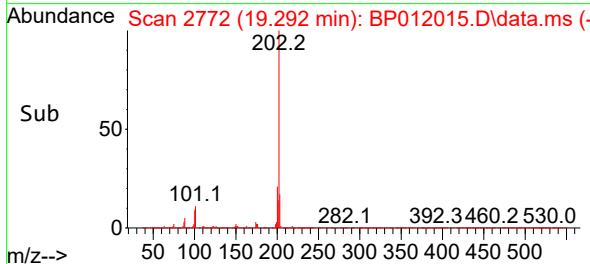
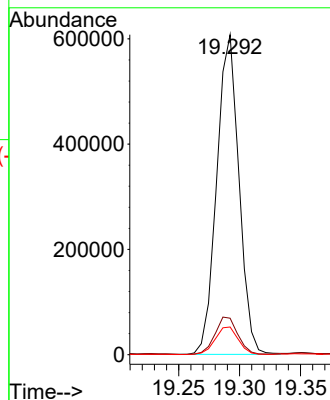
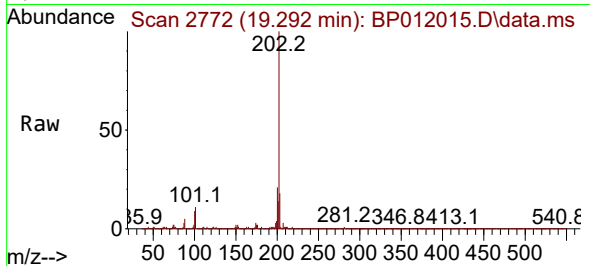




#80
Fluoranthene
Concen: 9.845 ng/ul
RT: 19.292 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

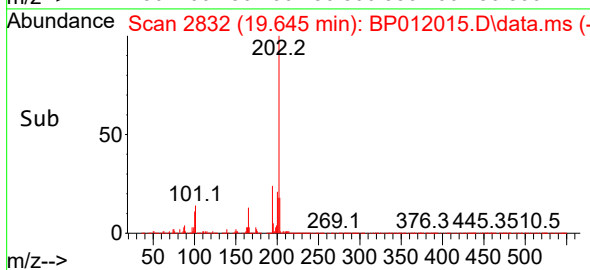
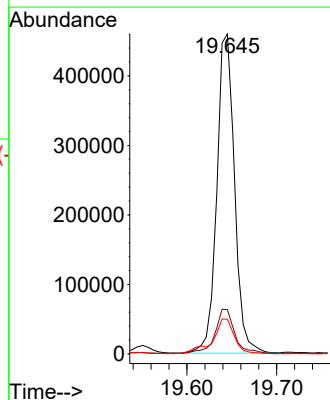
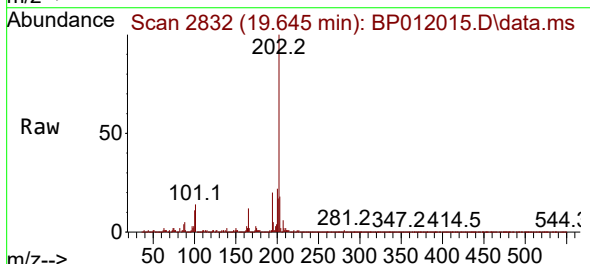
Instrument :
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ClientSampleId :
E10037DL

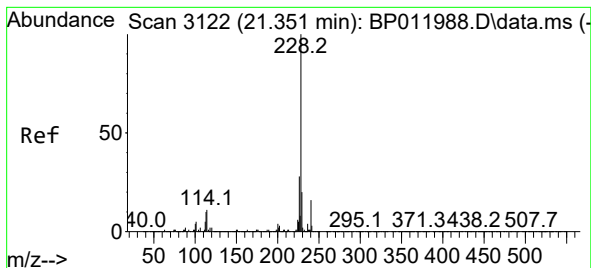
Tgt Ion:202 Resp: 771846
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
100 8.6 7.4 11.0



#82
Pyrene
Concen: 7.716 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

Tgt Ion:202 Resp: 629847
Ion Ratio Lower Upper
202 100
101 13.9 11.6 17.4
100 10.9 9.4 14.0





#85

Benzo(a)anthracene

Concen: 3.286 ng/ul

RT: 21.351 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

Instrument :

BNA_P

ClientSampleId :

E10037DL

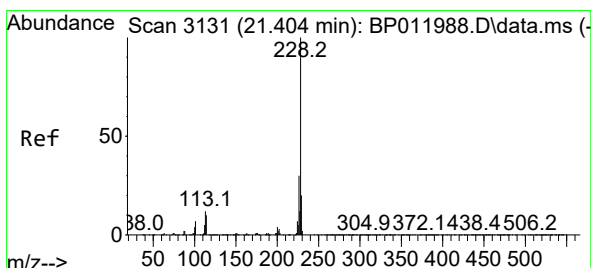
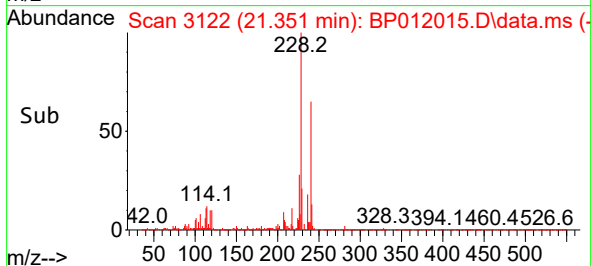
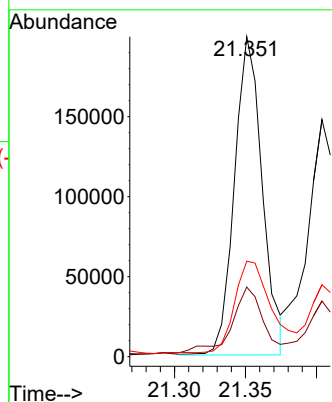
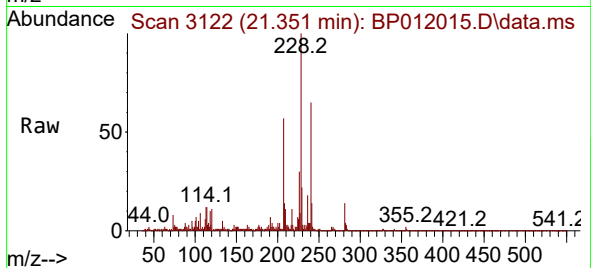
Tgt Ion:228 Resp: 271852

Ion Ratio Lower Upper

228 100

229 21.7 15.8 23.6

226 29.8 22.0 33.0



#87

Chrysene

Concen: 2.717 ng/ul

RT: 21.404 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP012015.D

Acq: 07 Oct 2022 19:04

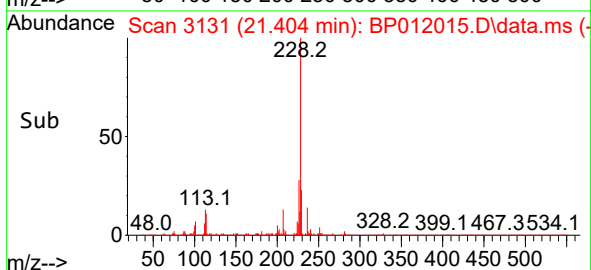
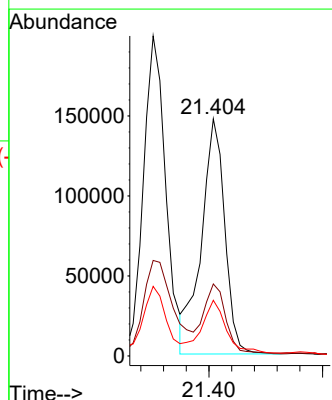
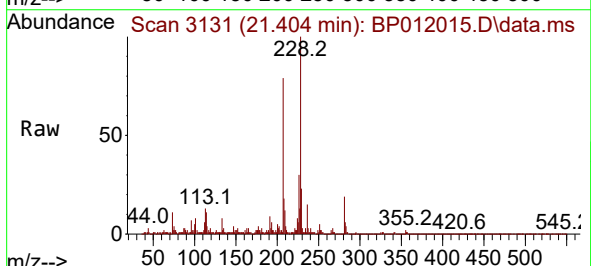
Tgt Ion:228 Resp: 210918

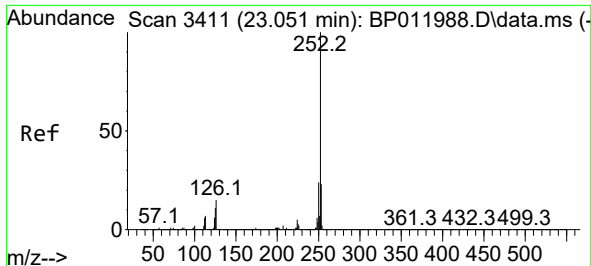
Ion Ratio Lower Upper

228 100

226 30.4 25.3 37.9

229 23.5 16.2 24.2

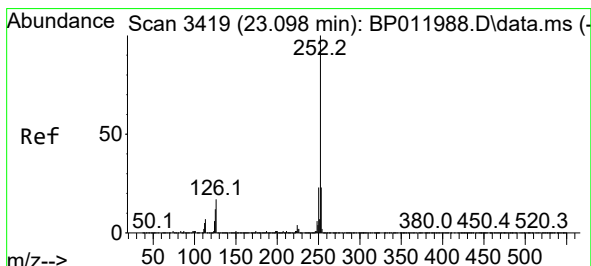
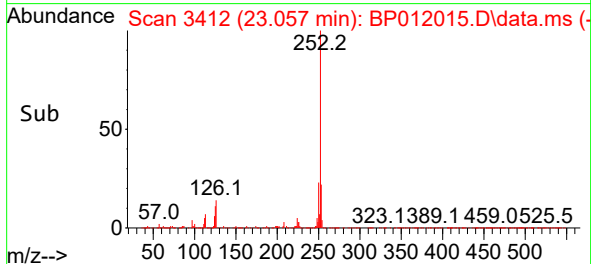
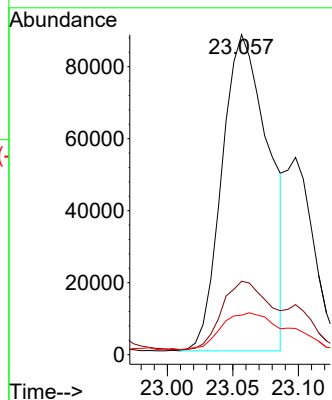
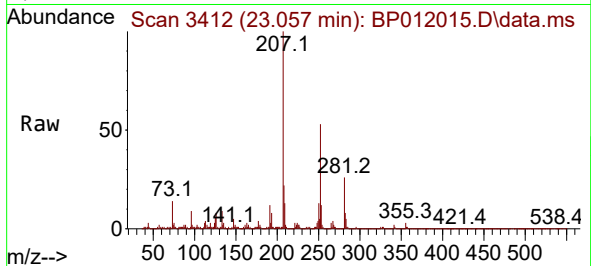




#90
Benzo(b)fluoranthene
Concen: 2.572 ng/ul
RT: 23.057 min Scan# 3412
Delta R.T. 0.006 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

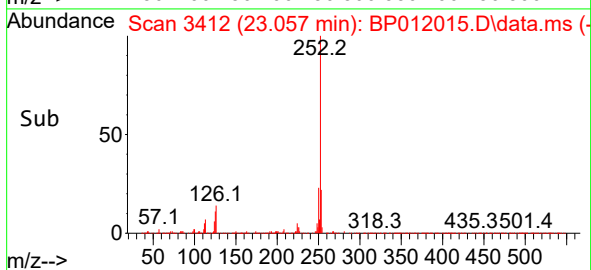
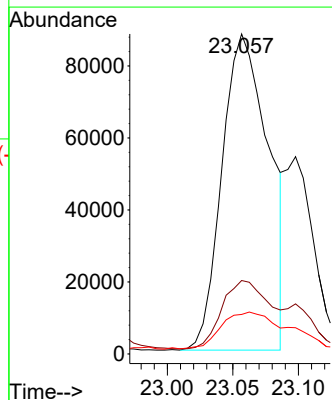
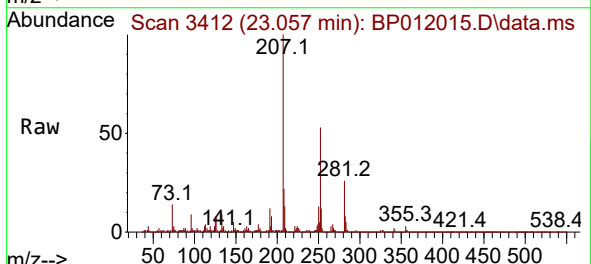
Instrument :
BNA_P
ClientSampleId :
E10037DL

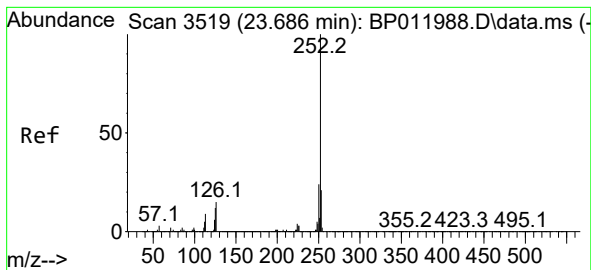
Tgt Ion:252 Resp: 218186
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 12.3 9.2 13.8



#91
Benzo(k)fluoranthene
Concen: 2.671 ng/ul
RT: 23.057 min Scan# 3412
Delta R.T. -0.041 min
Lab File: BP012015.D
Acq: 07 Oct 2022 19:04

Tgt Ion:252 Resp: 218186
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.3 9.2 13.8





#93

Benzo(a)pyrene

Concen: 2.449 ng/ul

RT: 23.686 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP012015.D

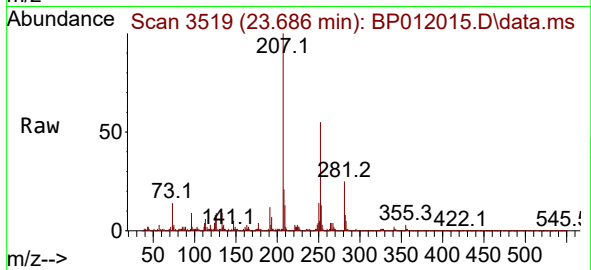
Acq: 07 Oct 2022 19:04

Instrument :

BNA_P

ClientSampleId :

E10037DL



Tgt Ion:252 Resp: 185401

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 13.7 9.8 14.8

