

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020107.D
 Acq On : 23 Apr 2024 18:18
 Operator : MA/JU
 Sample : P2154-09DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XA398DL

Quant Time: Apr 24 01:30:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	92551	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	361156	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	232213	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	501775	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	485848	20.000	ng/u1	0.00
88) Perylene-d12	25.051	264	528586	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	3375	1.657	ng/uL	0.00
4) Pyridine-d5	3.640	84	28289	4.631	ng/u1	0.00
7) Phenol-d5	6.822	99	59447	7.659	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	40555	8.038	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	43222	7.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	45037	7.554	ng/u1	0.01
21) Nitrobenzene-d5	8.799	128	20772	7.726	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	23603	7.599	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	38701	6.749	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	31362	4.394	ng/u1	0.01
46) Dimethylphthalate-d6	13.728	166	140829	8.679	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	158800	8.338	ng/u1	0.01
54) 4-Nitrophenol-d4	14.628	143	6225	2.564	ng/u1	0.06
60) Fluorene-d10	15.345	176	125770	8.981	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	338	0.140	ng/u1	0.08
73) Anthracene-d10	17.263	188	200941	9.042	ng/u1	0.00
81) Pyrene-d10	19.663	212	249648	9.030	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.821	264	237982	9.261	ng/u1	0.00

Target Compounds				Qvalue		
10) Bis(2-Chloroethyl)ether	7.081	93	154683	23.904	ng/u1	99
22) Nitrobenzene	8.840	77	44050	5.379	ng/u1	100
23) Isophorone	9.357	82	83828	5.669	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	151831	17.957	ng/u1	98
36) 2-Methylnaphthalene	12.092	142	162716	13.118	ng/u1	100
47) Dimethylphthalate	13.775	163	584116	35.382	ng/u1	99
50) Acenaphthylene	14.034	152	95458	4.482	ng/u1#	96
52) Acenaphthene	14.386	153	133845	9.545	ng/u1	98
61) Fluorene	15.404	166	162973	10.216	ng/u1	99
68) 4-Bromophenyl-phenylether	16.322	248	25262	4.619	ng/u1	98
69) Hexachlorobenzene	16.428	284	63777	10.298	ng/u1	97
72) Phenanthrene	17.204	178	214783	8.348	ng/u1	99
74) Anthracene	17.298	178	228128	8.729	ng/u1	99
78) Di-n-butylphthalate	18.192	149	653721	23.491	ng/u1	99
82) Pyrene	19.698	202	175366	5.229	ng/u1	96
83) Butylbenzylphthalate	20.674	149	247119	18.317	ng/u1	99
85) Benzo(a)anthracene	21.645	228	142421	4.228	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	395363	19.932	ng/u1	100
87) Chrysene	21.645	228	142421	4.570	ng/u1	97
89) Di-n-octyl phthalate	22.904	149	939274	28.349	ng/u1	100
90) Benzo(b)fluoranthene	23.986	252	172984	5.407	ng/u1	98
91) Benzo(k)fluoranthene	24.051	252	203833	6.506	ng/u1	99
93) Benzo(a)pyrene	24.892	252	76086	2.544	ng/u1#	96
95) Dibenzo(a,h)anthracene	28.986	278	139948	4.761	ng/u1	99

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 00:55:52 2024
Response via : Initial Calibration

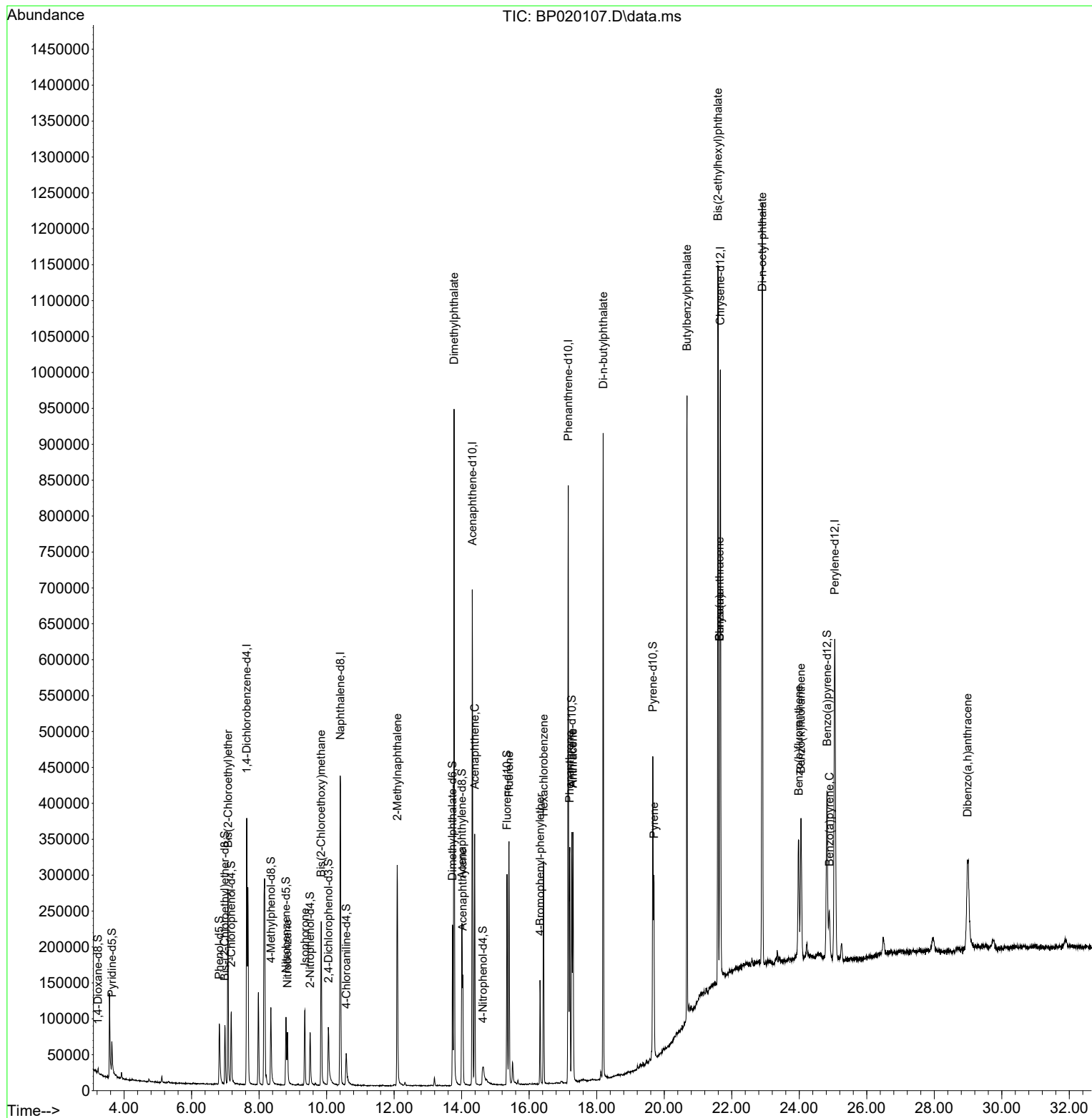
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

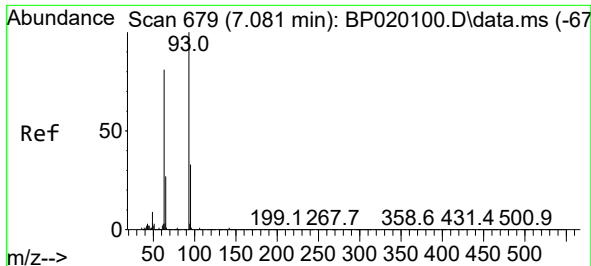
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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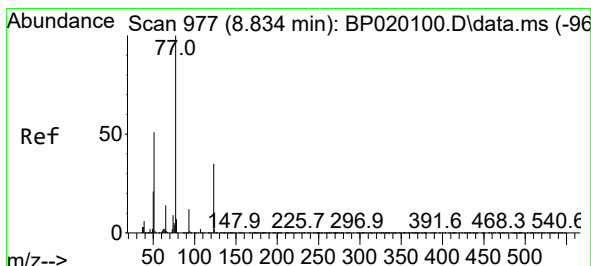
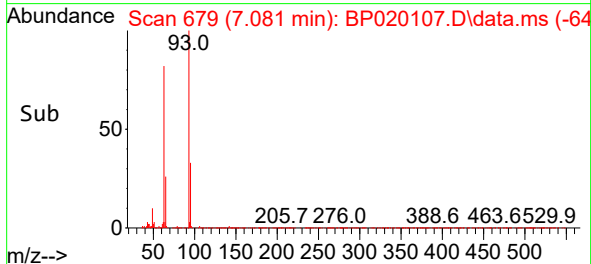
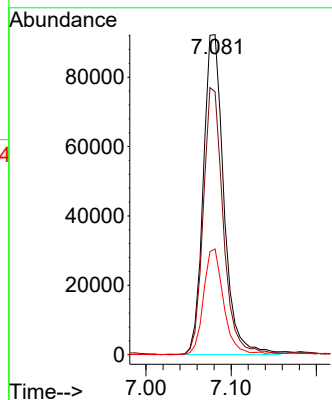
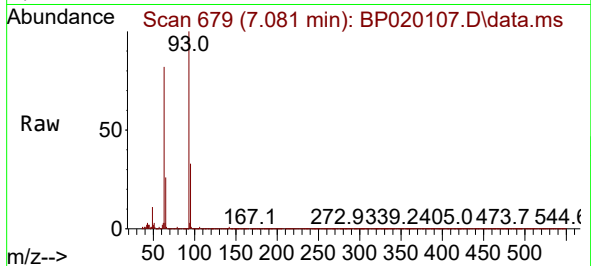




#10
Bis(2-Chloroethyl)ether
Concen: 23.904 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

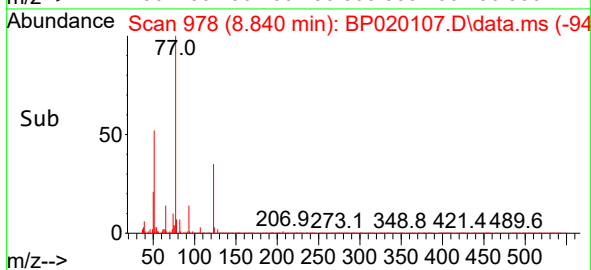
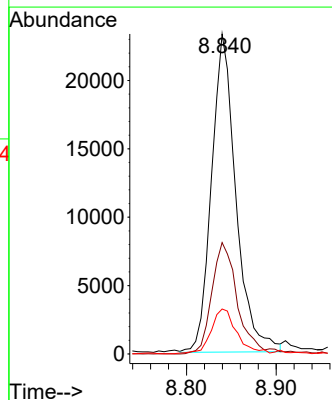
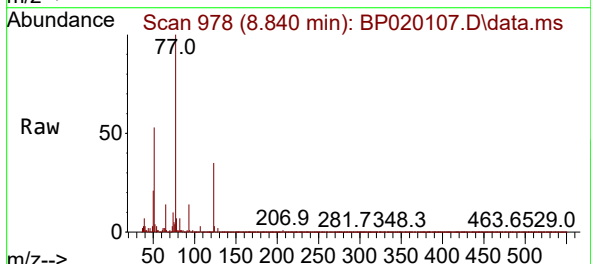
Instrument :
BNA_P
ClientSampleId :
XA398DL

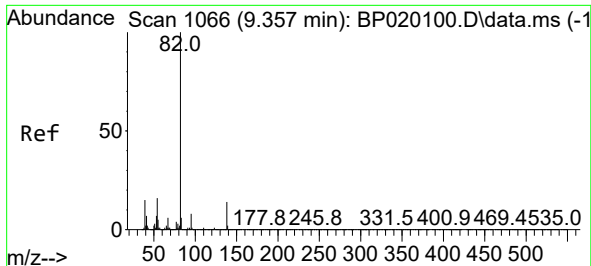
Tgt Ion: 93 Resp: 154683
Ion Ratio Lower Upper
93 100
63 82.1 64.7 97.1
95 33.1 26.2 39.4



#22
Nitrobenzene
Concen: 5.379 ng/ul
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion: 77 Resp: 44050
Ion Ratio Lower Upper
77 100
123 34.8 27.8 41.6
65 14.1 11.5 17.3

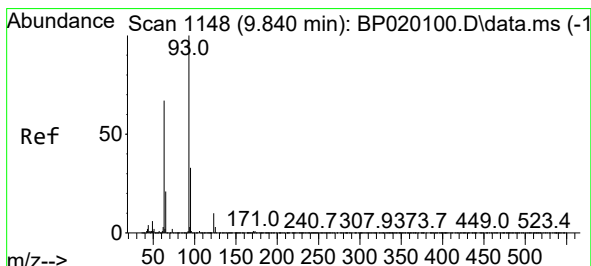
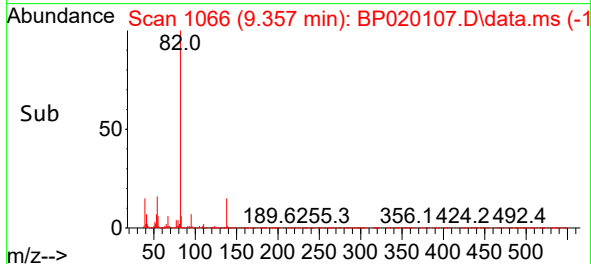
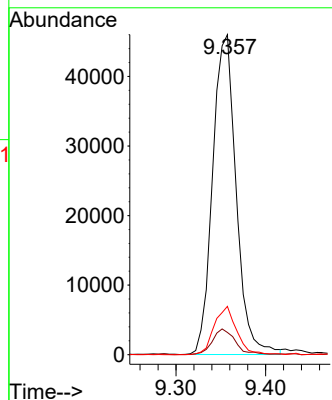
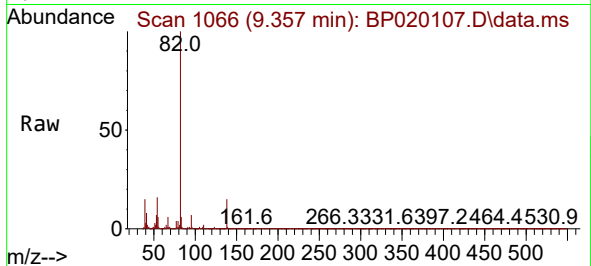




#23
Isophorone
Concen: 5.669 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

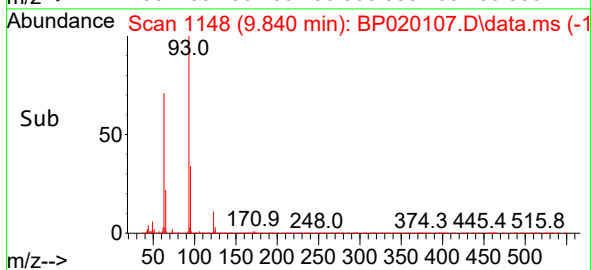
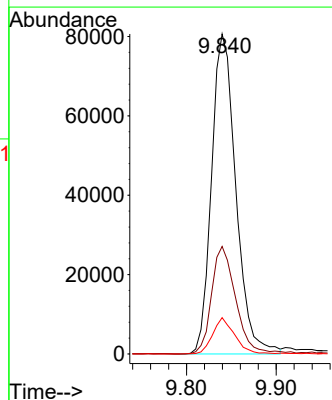
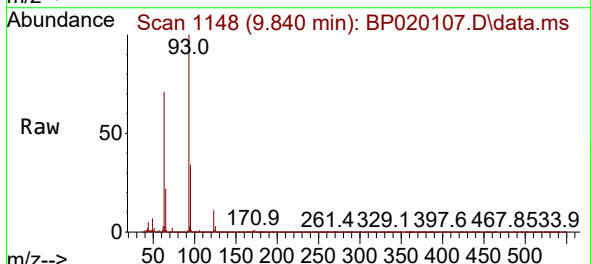
Instrument :
BNA_P
ClientSampleId :
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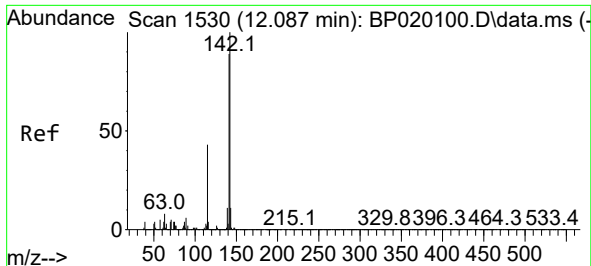
Tgt Ion: 82 Resp: 83828
Ion Ratio Lower Upper
82 100
95 6.9 6.5 9.7
138 15.1 11.4 17.2



#27
Bis(2-Chloroethoxy)methane
Concen: 17.957 ng/ul
RT: 9.840 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion: 93 Resp: 151831
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.4
123 11.4 8.2 12.4

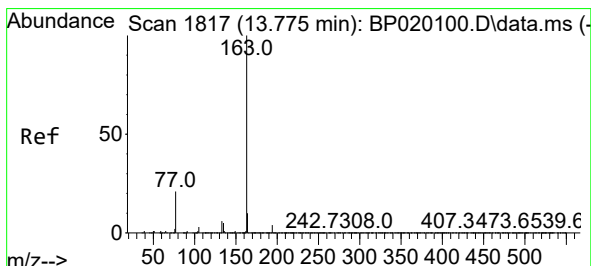
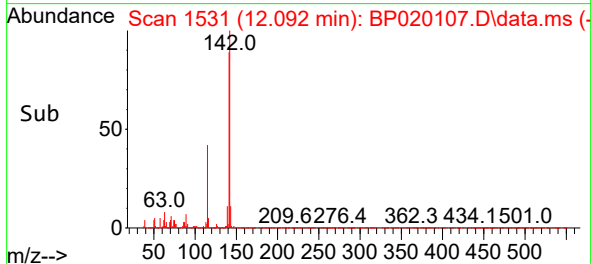
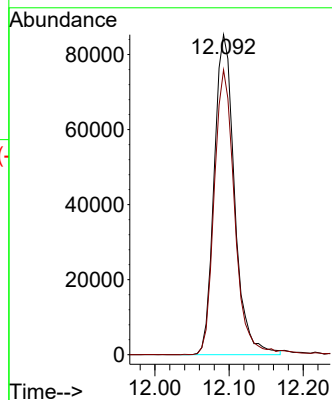
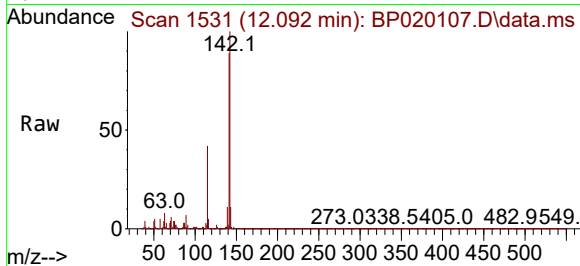




#36
2-Methylnaphthalene
Concen: 13.118 ng/ul
RT: 12.092 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

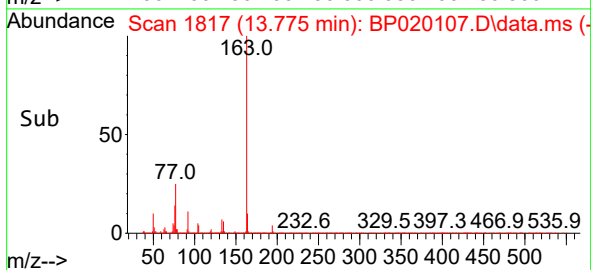
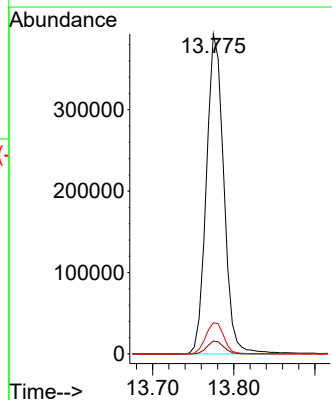
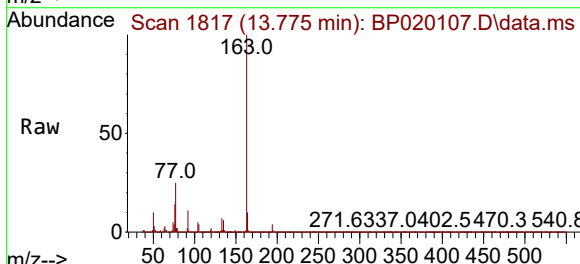
Instrument :
BNA_P
ClientSampleId :
XA398DL

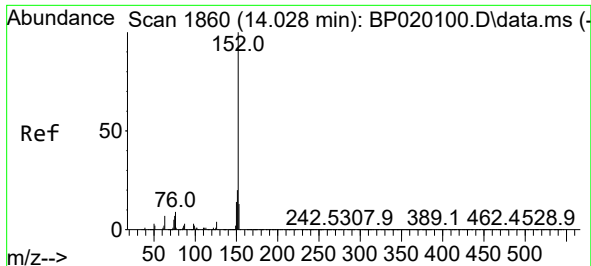
Tgt Ion:142 Resp: 162716
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2



#47
Dimethylphthalate
Concen: 35.382 ng/ul
RT: 13.775 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion:163 Resp: 584116
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 8.0 12.0

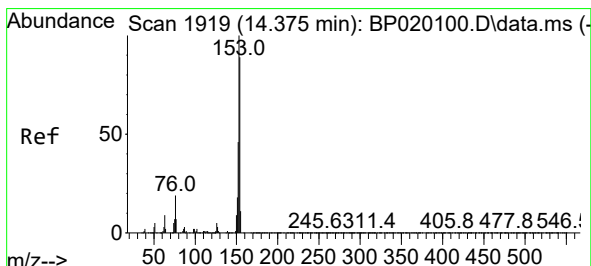
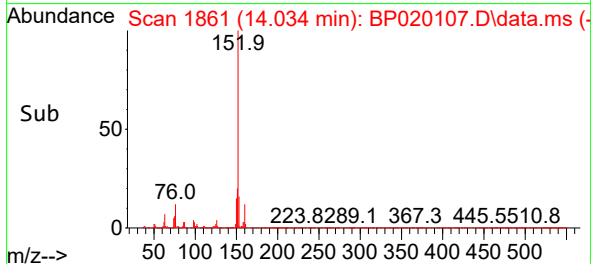
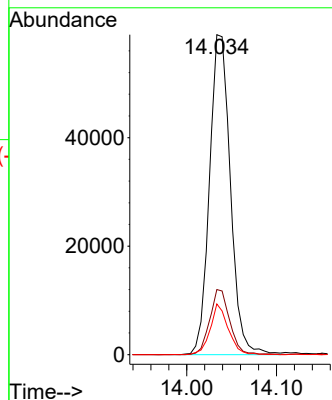
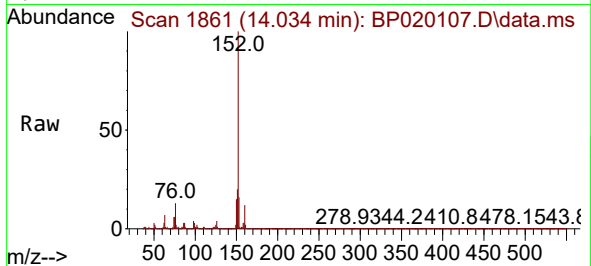




#50
Acenaphthylene
Concen: 4.482 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

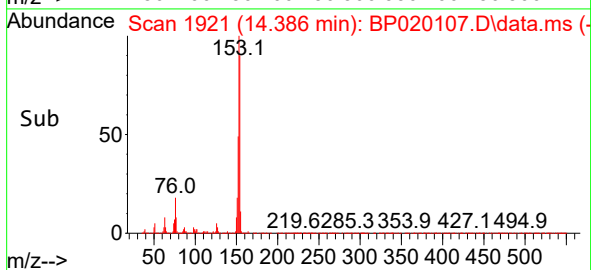
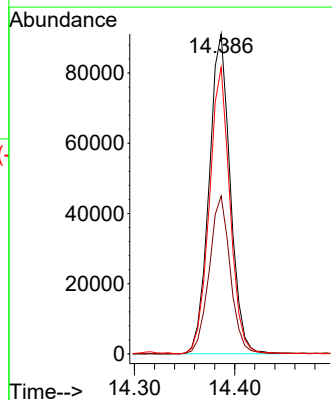
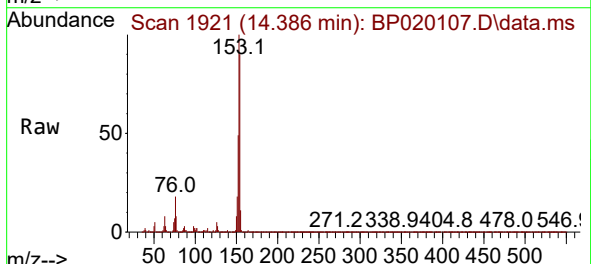
Instrument :
BNA_P
ClientSampleId :
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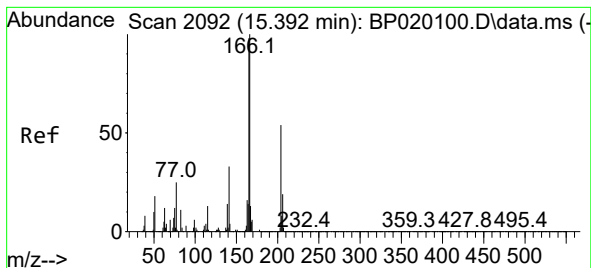
Tgt Ion:152 Resp: 95458
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 15.9 10.3 15.5#



#52
Acenaphthene
Concen: 9.545 ng/ul
RT: 14.386 min Scan# 1921
Delta R.T. 0.012 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion:153 Resp: 133845
Ion Ratio Lower Upper
153 100
152 49.3 36.9 55.3
154 89.5 71.6 107.4





#61

Fluorene

Concen: 10.216 ng/ul

RT: 15.404 min Scan# 2092

Delta R.T. 0.012 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

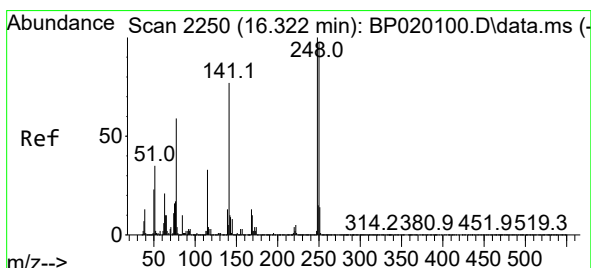
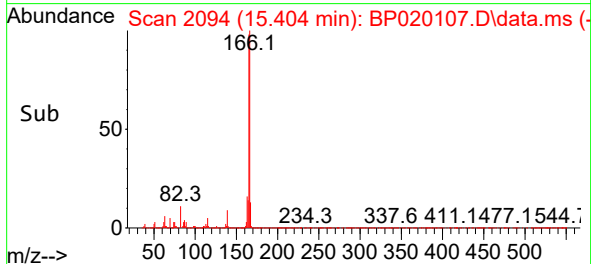
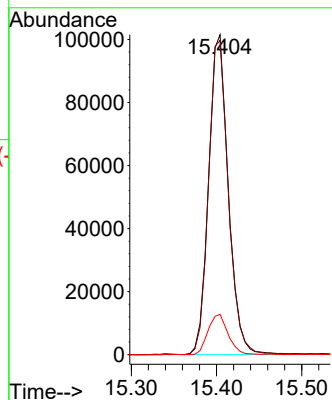
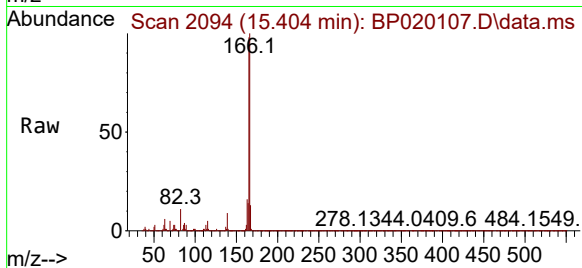
Tgt Ion:166 Resp: 162973

Ion Ratio Lower Upper

166 100

165 98.2 78.0 117.0

167 12.6 10.4 15.6



#68

4-Bromophenyl-phenylether

Concen: 4.619 ng/ul

RT: 16.322 min Scan# 2250

Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

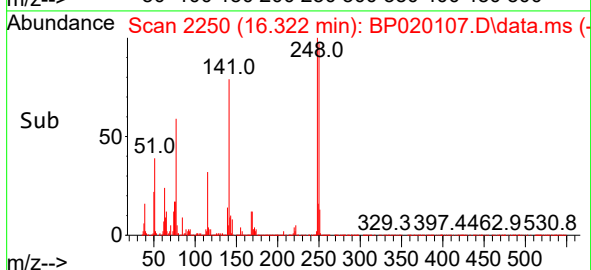
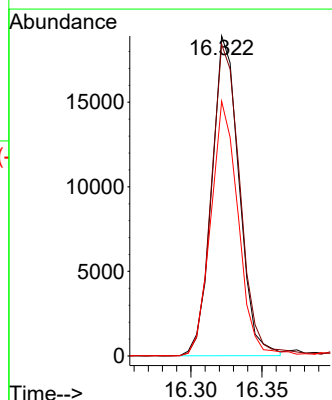
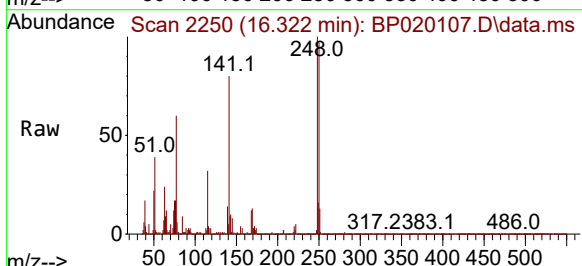
Tgt Ion:248 Resp: 25262

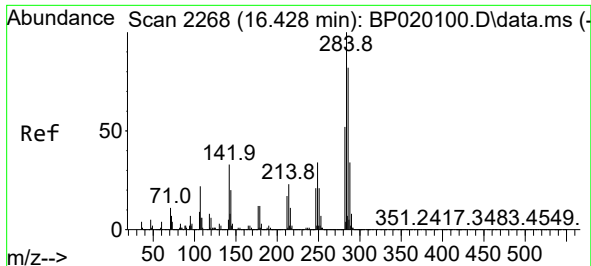
Ion Ratio Lower Upper

248 100

250 97.4 77.8 116.6

141 79.6 61.4 92.0

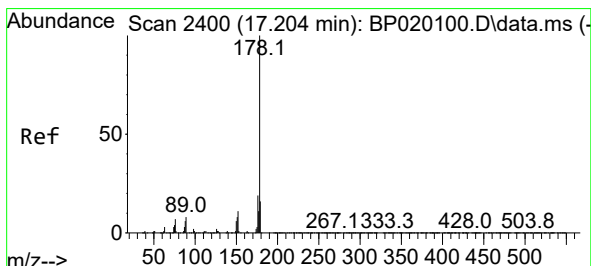
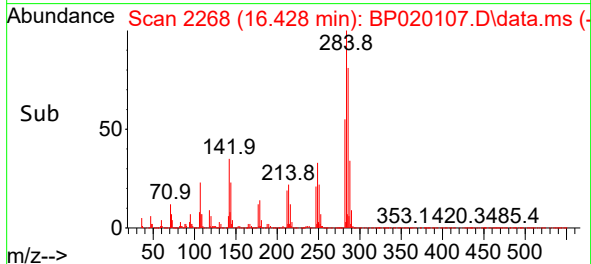
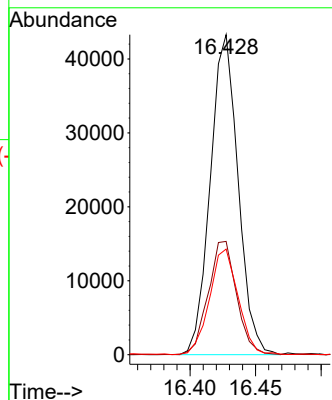
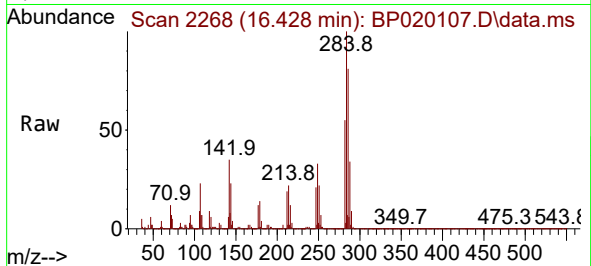




#69
Hexachlorobenzene
Concen: 10.298 ng/ul
RT: 16.428 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

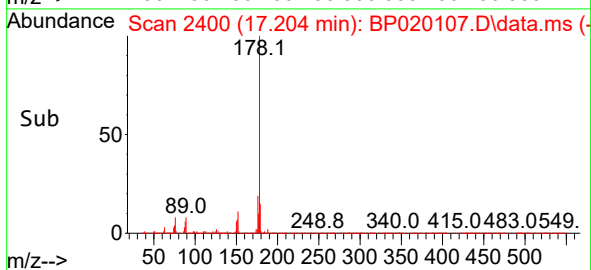
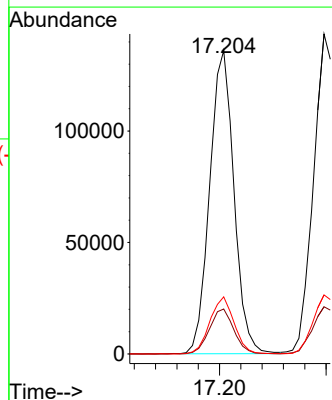
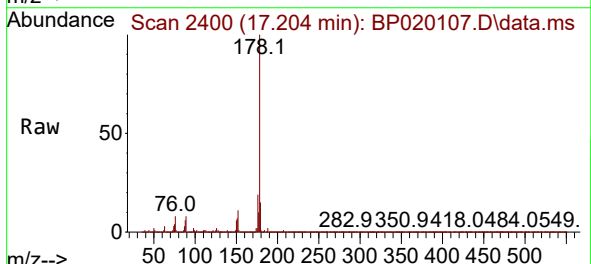
Instrument :
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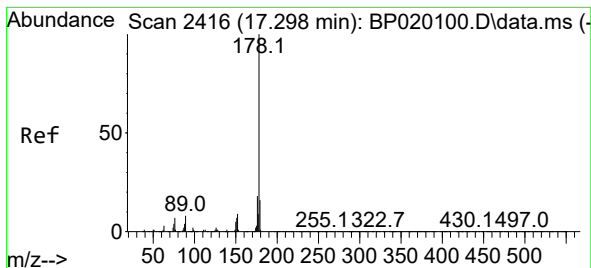
Tgt Ion:284 Resp: 63777
Ion Ratio Lower Upper
284 100
142 35.4 26.2 39.2
249 33.0 27.0 40.4



#72
Phenanthrene
Concen: 8.348 ng/ul
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion:178 Resp: 214783
Ion Ratio Lower Upper
178 100
179 14.8 12.6 18.8
176 18.8 15.0 22.4





#74

Anthracene

Concen: 8.729 ng/ul

RT: 17.298 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

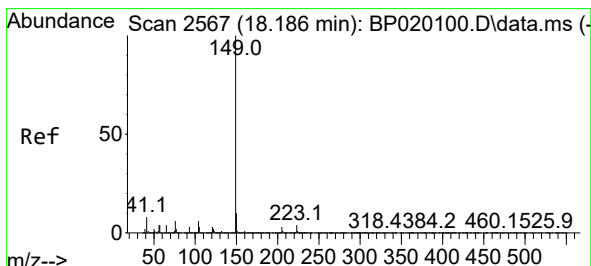
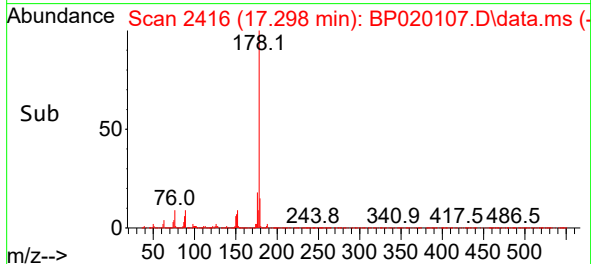
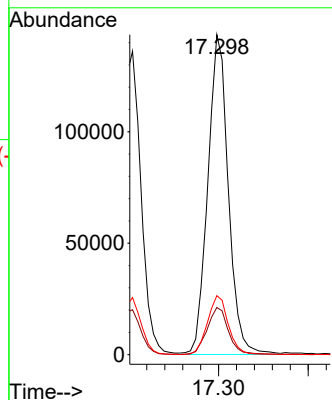
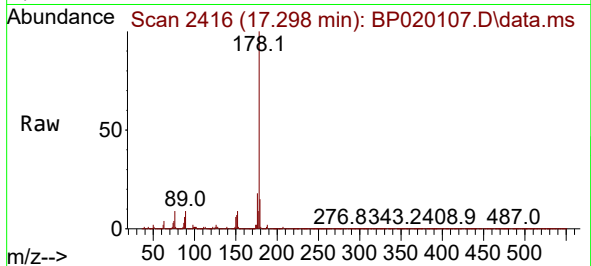
Tgt Ion:178 Resp: 228128

Ion Ratio Lower Upper

178 100

179 14.8 12.6 18.8

176 18.4 14.6 21.8



#78

Di-n-butylphthalate

Concen: 23.491 ng/ul

RT: 18.192 min Scan# 2568

Delta R.T. 0.006 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

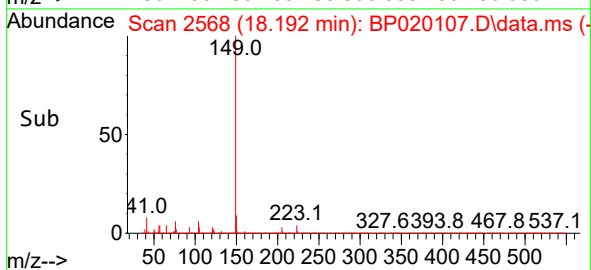
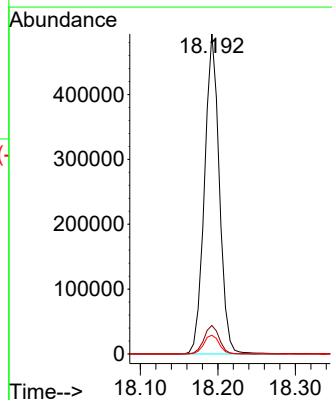
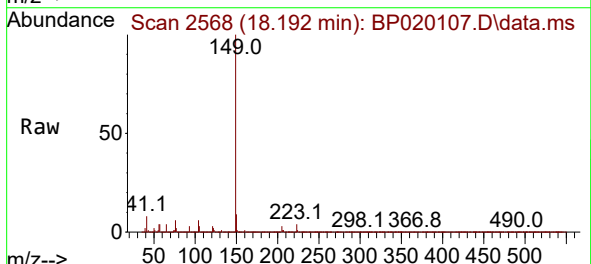
Tgt Ion:149 Resp: 653721

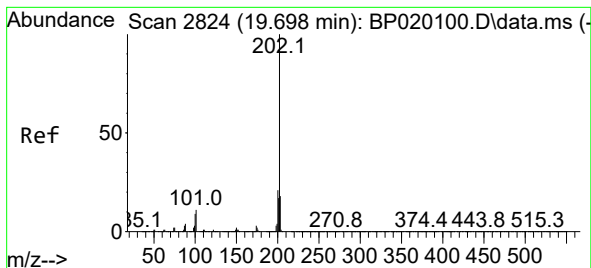
Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

104 5.9 4.9 7.3





#82

Pyrene

Concen: 5.229 ng/ul

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

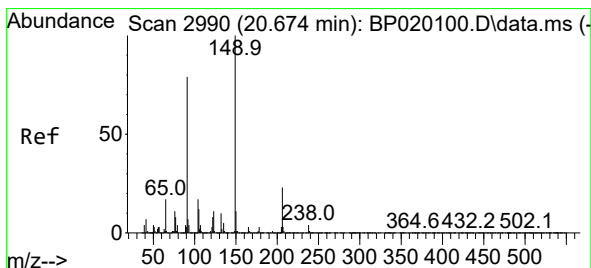
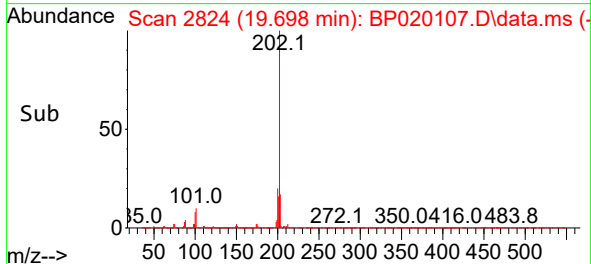
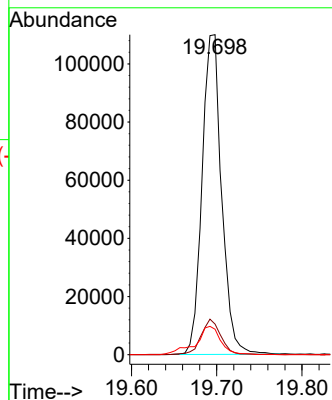
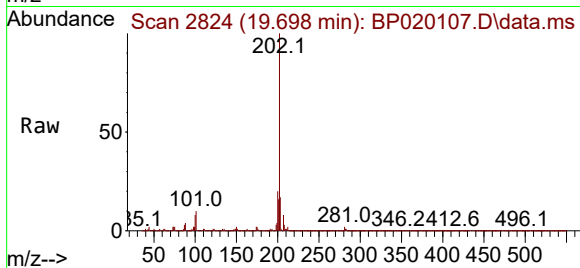
Tgt Ion:202 Resp: 175366

Ion Ratio Lower Upper

202 100

101 9.5 9.1 13.7

100 8.0 7.3 10.9



#83

Butylbenzylphthalate

Concen: 18.317 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

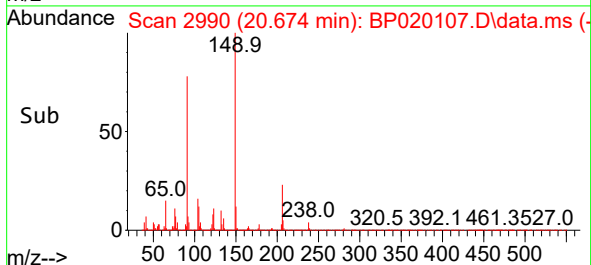
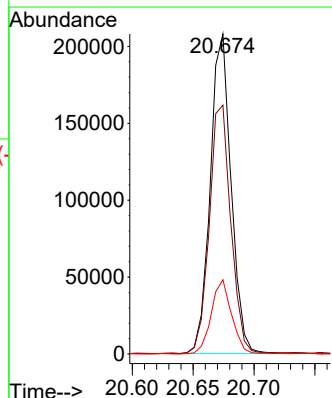
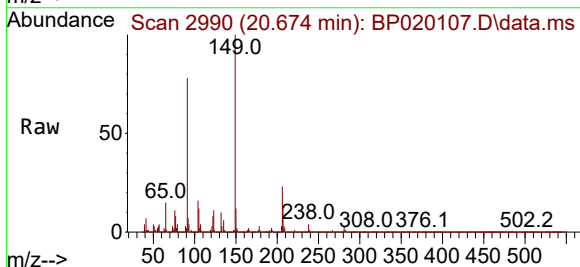
Tgt Ion:149 Resp: 247119

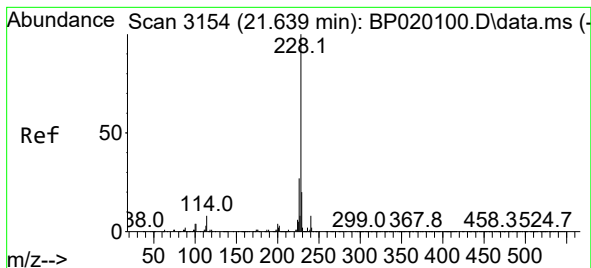
Ion Ratio Lower Upper

149 100

91 77.8 63.3 94.9

206 23.2 18.4 27.6





#85

Benzo(a)anthracene

Concen: 4.228 ng/ul

RT: 21.645 min Scan# 3155

Delta R.T. 0.006 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

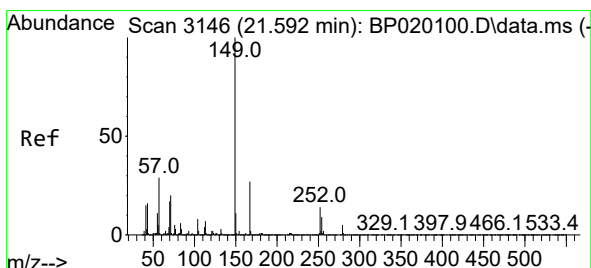
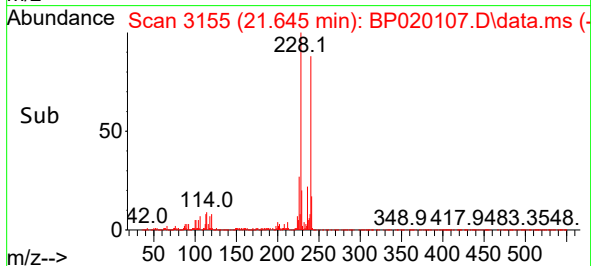
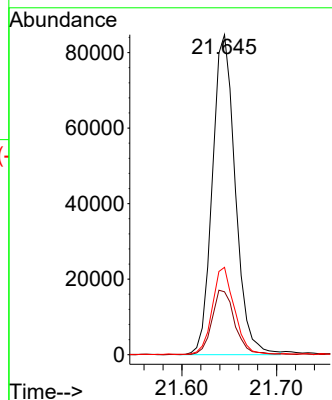
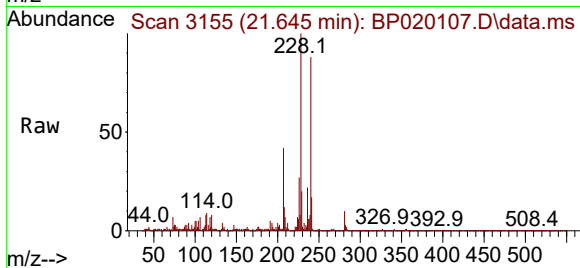
Tgt Ion:228 Resp: 142421

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.932 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

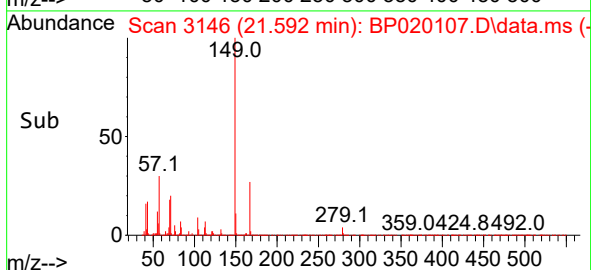
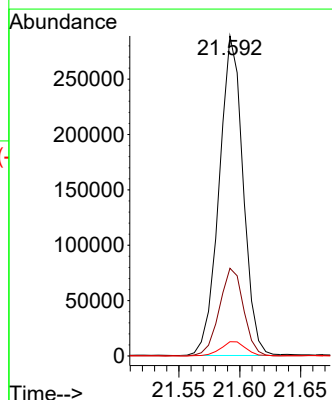
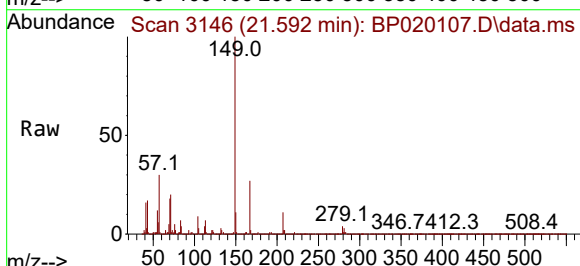
Tgt Ion:149 Resp: 395363

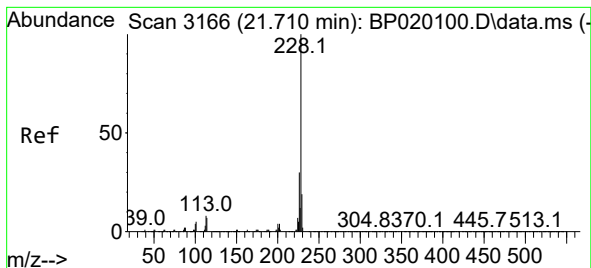
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.4 3.8 5.8





#87

Chrysene

Concen: 4.570 ng/ul

RT: 21.645 min Scan# 3166

Delta R.T. -0.065 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

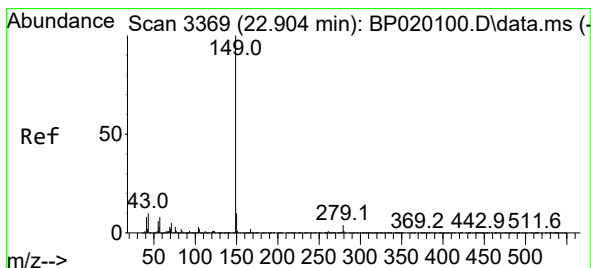
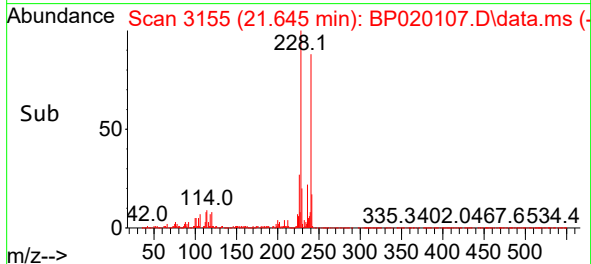
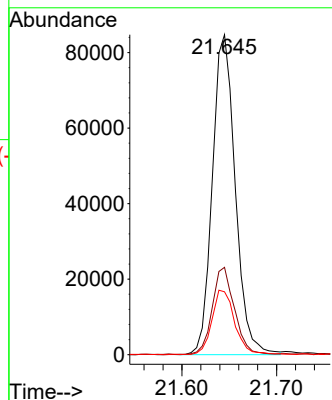
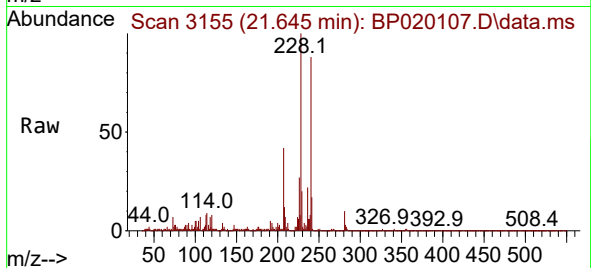
Tgt Ion:228 Resp: 142421

Ion Ratio Lower Upper

228 100

226 27.3 24.2 36.2

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 28.349 ng/ul

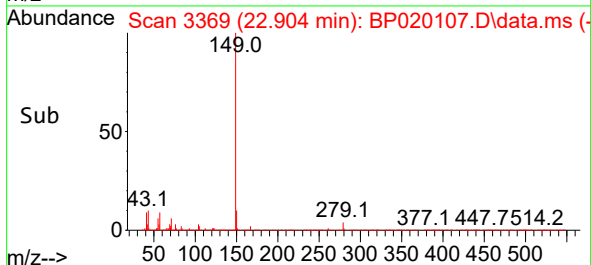
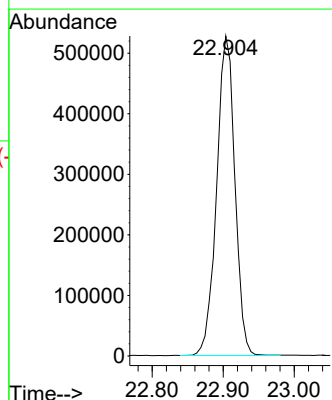
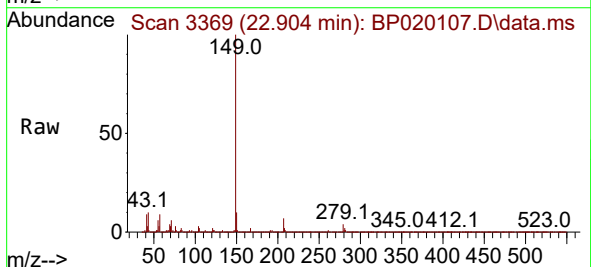
RT: 22.904 min Scan# 3369

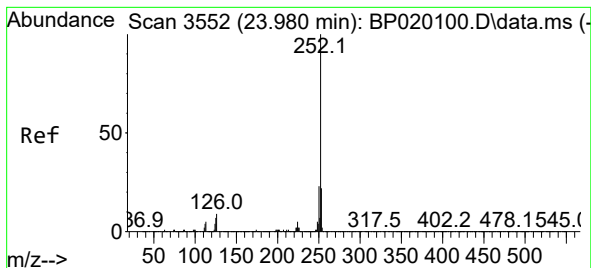
Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Tgt Ion:149 Resp: 939274





#90

Benzo(b)fluoranthene

Concen: 5.407 ng/ul

RT: 23.986 min Scan# 3552

Delta R.T. 0.006 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

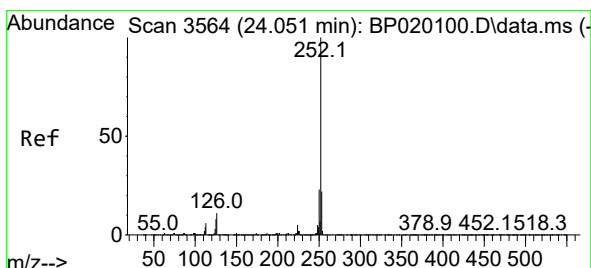
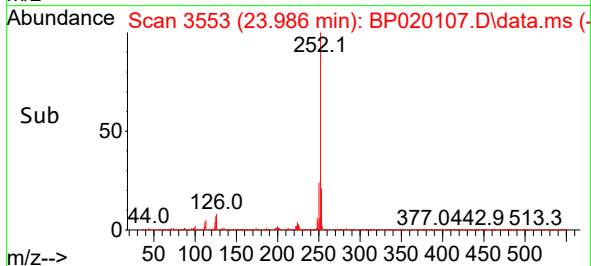
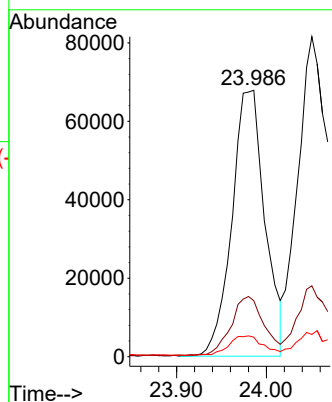
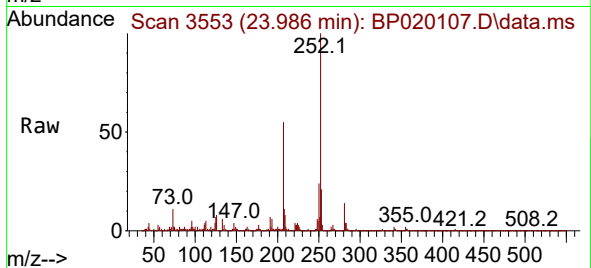
Tgt Ion:252 Resp: 172984

Ion Ratio Lower Upper

252 100

253 21.0 17.9 26.9

125 7.4 5.7 8.5



#91

Benzo(k)fluoranthene

Concen: 6.506 ng/ul

RT: 24.051 min Scan# 3564

Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

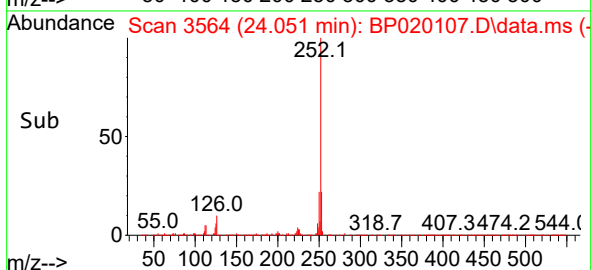
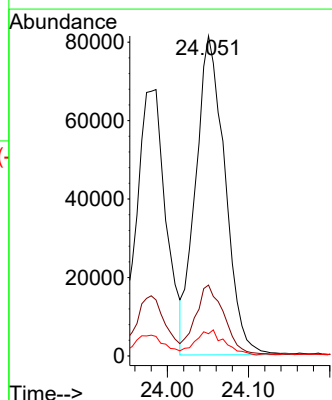
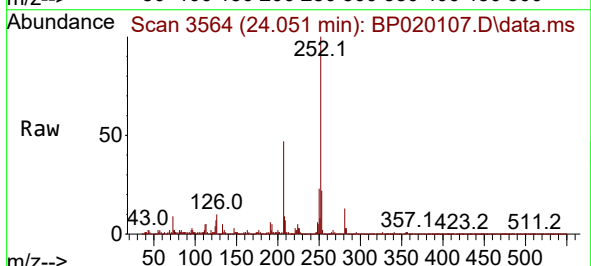
Tgt Ion:252 Resp: 203833

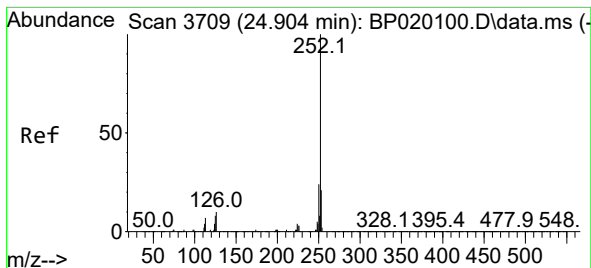
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 6.9 6.2 9.4





#93

Benzo(a)pyrene

Concen: 2.544 ng/ul

RT: 24.892 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

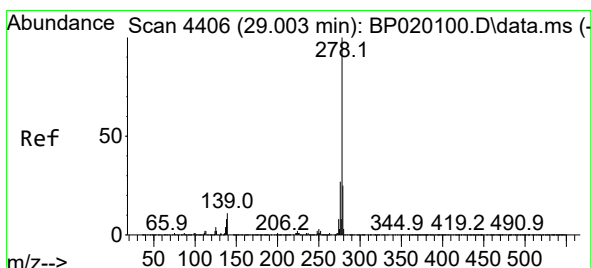
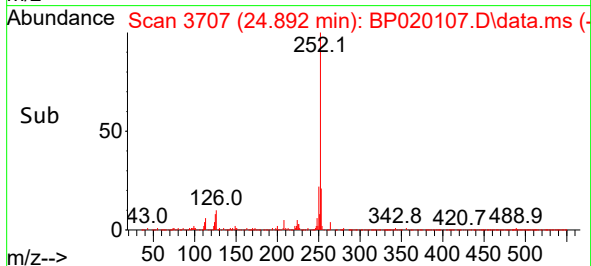
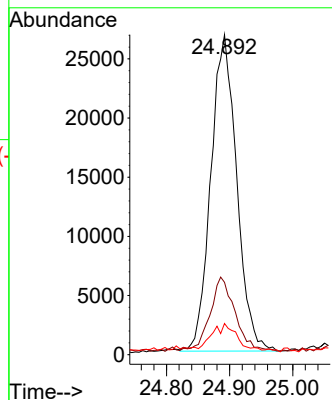
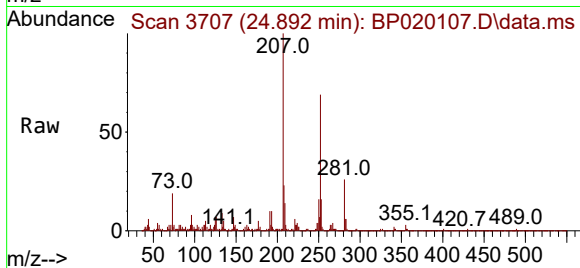
Tgt Ion:252 Resp: 76086

Ion Ratio Lower Upper

252 100

253 22.6 16.8 25.2

125 9.7 6.5 9.7#



#95

Dibenzo(a,h)anthracene

Concen: 4.761 ng/ul

RT: 28.986 min Scan# 4403

Delta R.T. -0.018 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Tgt Ion:278 Resp: 139948

Ion Ratio Lower Upper

278 100

139 12.0 8.8 13.2

279 25.8 20.3 30.5

