

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
 Data File : BP017212.D
 Acq On : 18 Sep 2023 19:08
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYG3

Quant Time: Sep 18 22:34:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	296124	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1140139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	576774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	1114835	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	873818	20.000	ng/ul	# 0.02
88) Perylene-d12	24.063	264	1331431	20.000	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	16417	2.330	ng/uL	0.00
4) Pyridine-d5	3.764	84	16840	0.835	ng/ul	0.02
7) Phenol-d5	7.093	99	263782	10.955	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	217879	14.477	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	225617	11.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	96832	4.852	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	121798	15.256	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	114596	13.445	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	178765	10.845	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	62869	2.530	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	661505	16.117	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	686891	14.749	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	289	0.036	ng/ul	0.00
60) Fluorene-d10	15.604	176	535100	15.078	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	8618	1.384	ng/ul	0.00
73) Anthracene-d10	17.475	188	760907	16.064	ng/ul	0.00
81) Pyrene-d10	19.727	212	767052	16.738	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.892	264	983354	15.648	ng/ul	0.05
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.105	77	31506	2.350	ng/ul	94
8) Phenol	7.122	94	48917	1.926	ng/ul	96
16) Acetophenone	8.793	105	507573	16.250	ng/ul	98
19) Hexachloroethane	9.034	117	14287	1.782	ng/ul#	8
26) 2,4-Dimethylphenol	9.910	107	28473	1.475	ng/ul#	29
30) Naphthalene	10.822	128	784703	13.601	ng/ul	99
34) Caprolactam	11.793	113	7521	1.434	ng/ul#	1
36) 2-Methylnaphthalene	12.428	142	242639	6.233	ng/ul	98
37) 1-Methylnaphthalene	12.645	142	179918	4.566	ng/ul#	99
43) 1,1'-Biphenyl	13.440	154	76989	1.861	ng/ul	99
50) Acenaphthylene	14.334	152	119954	2.230	ng/ul#	87
52) Acenaphthene	14.669	153	662977	18.621	ng/ul	99
56) Dibenzofuran	15.004	168	390107	7.929	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	13400	1.181	ng/ul#	52
61) Fluorene	15.657	166	577750	14.203	ng/ul	98
72) Phenanthrene	17.422	178	2732183	48.767	ng/ul	99
74) Anthracene	17.422	178	2732183	48.150	ng/ul	98
77) Carbazole	17.798	167	93195	1.870	ng/ul#	64
80) Fluoranthene	19.392	202	2542767	47.471	ng/ul	95
82) Pyrene	19.757	202	2450959	43.305	ng/ul#	91
85) Benzo(a)anthracene	21.480	228	574783	10.046	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.357	149	156498	5.523	ng/ul#	59
87) Chrysene	21.539	228	557322	10.472	ng/ul#	83
90) Benzo(b)fluoranthene	23.263	252	837842	10.676	ng/ul#	31

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
Data File : BP017212.D
Acq On : 18 Sep 2023 19:08
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

Quant Time: Sep 18 22:34:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 03:18:48 2023
Response via : Initial Calibration

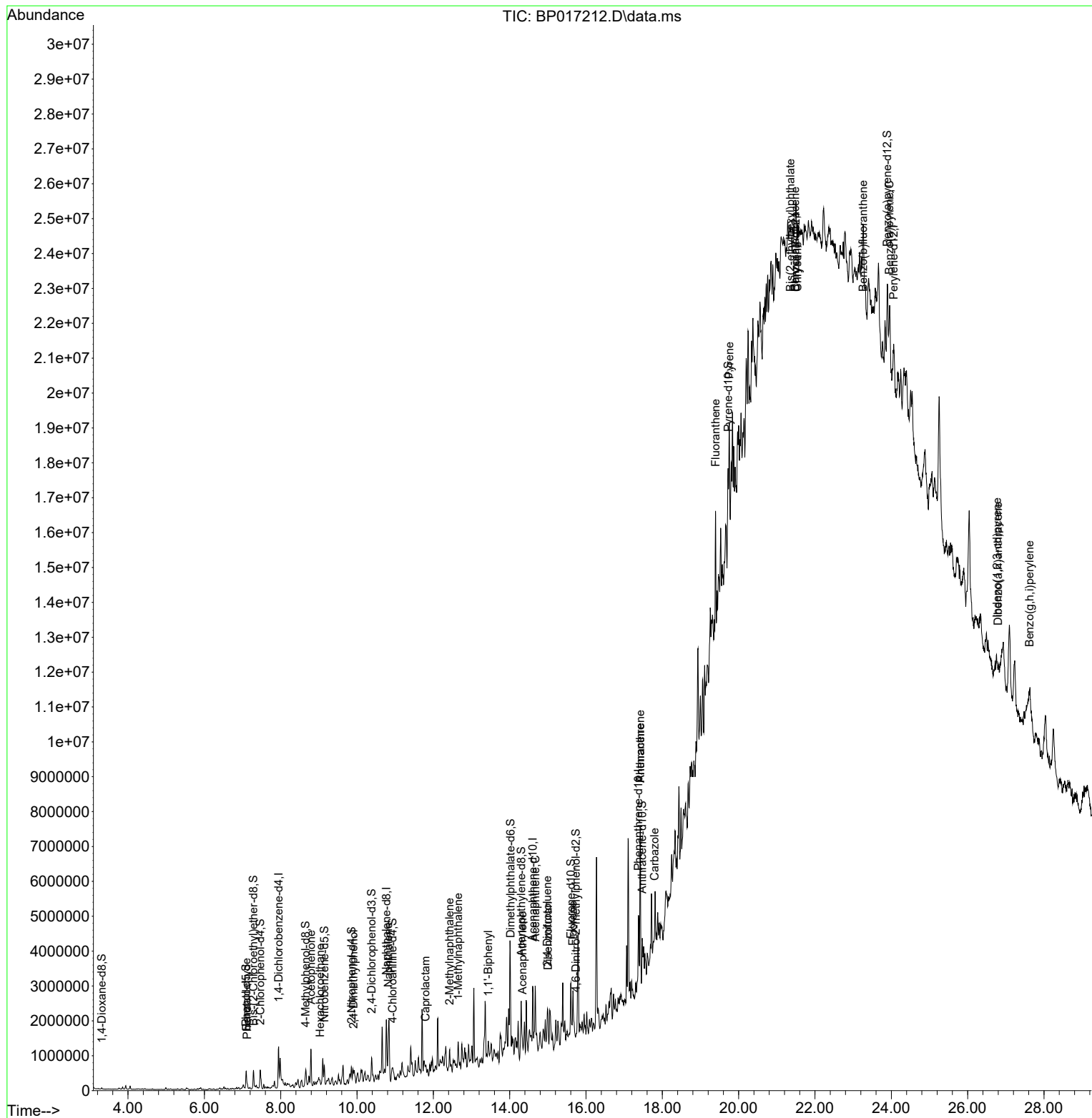
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	23.945	252	569840	7.826	ng/ul#	25
94) Indeno(1,2,3-cd)pyrene	26.774	276	471760	5.851	ng/ul#	79
95) Dibenzo(a,h)anthracene	26.798	278	109617	1.618	ng/ul#	1
96) Benzo(g,h,i)perylene	27.621	276	467103	7.492	ng/ul#	78

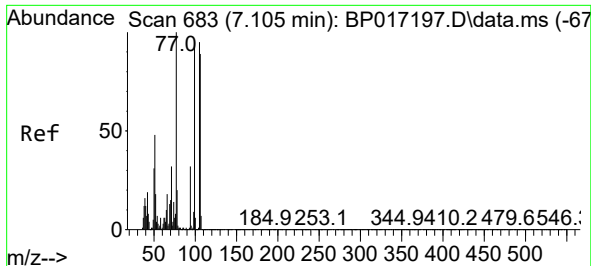
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
 Data File : BP017212.D
 Acq On : 18 Sep 2023 19:08
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZG3

Quant Time: Sep 18 22:34:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

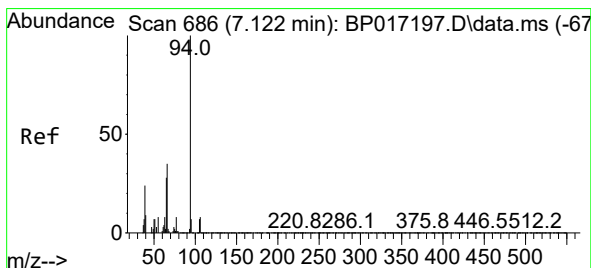
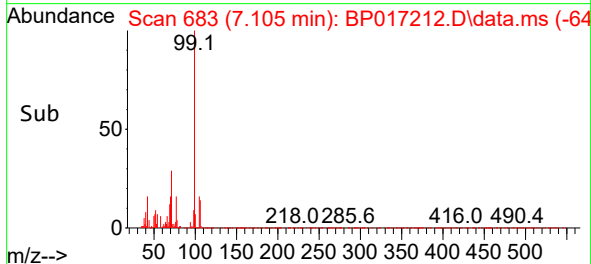
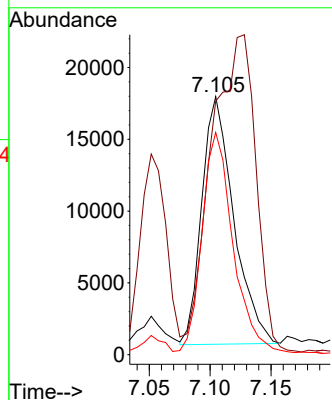
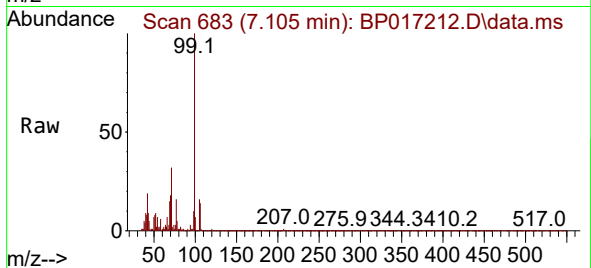




#6
Benzaldehyde
Concen: 2.350 ng/ul
RT: 7.105 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

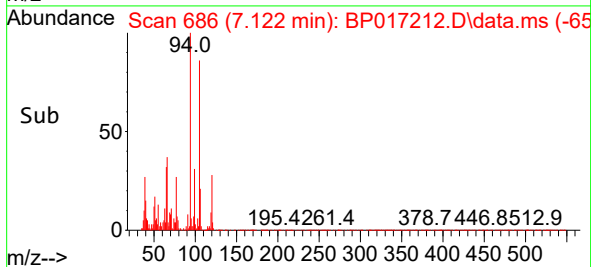
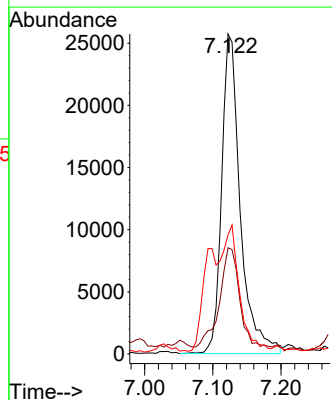
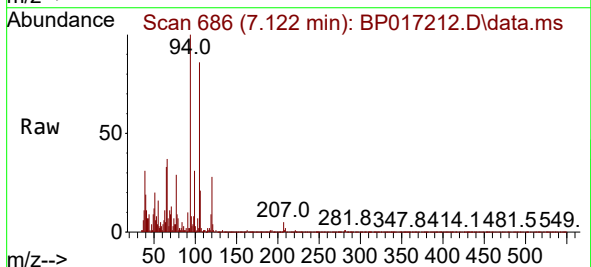
Instrument :
BNA_P
ClientSampleId :
EZYG3

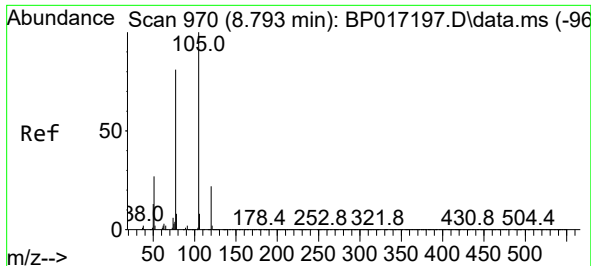
Tgt Ion: 77 Resp: 31506
Ion Ratio Lower Upper
77 100
105 98.3 75.3 112.9
106 86.1 74.6 111.8



#8
Phenol
Concen: 1.926 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Tgt Ion: 94 Resp: 48917
Ion Ratio Lower Upper
94 100
65 33.2 22.7 34.1
66 37.3 29.6 44.4

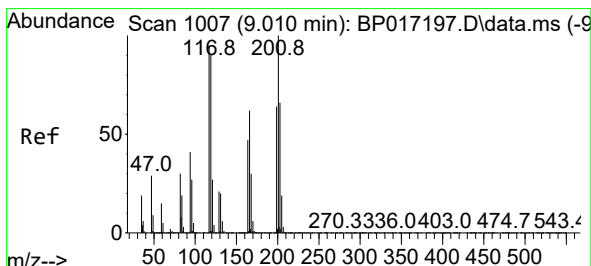
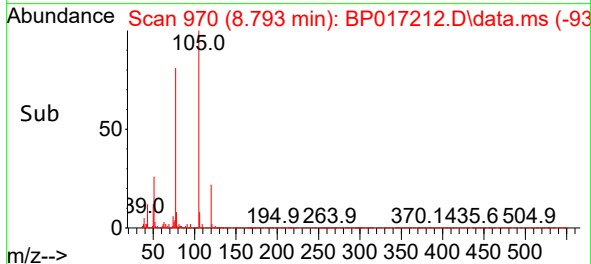
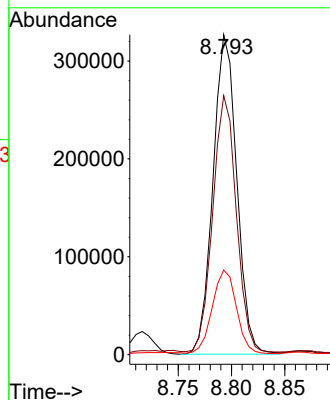
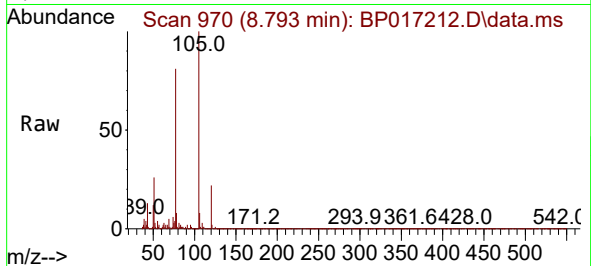




#16
Acetophenone
Concen: 16.250 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

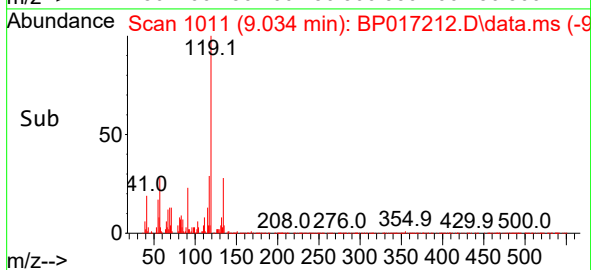
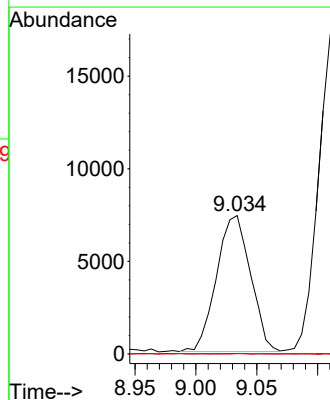
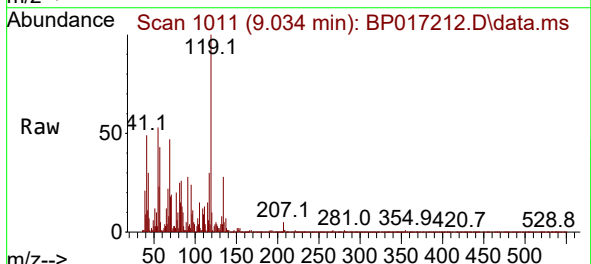
Instrument :
BNA_P
ClientSampleId :
EZYG3

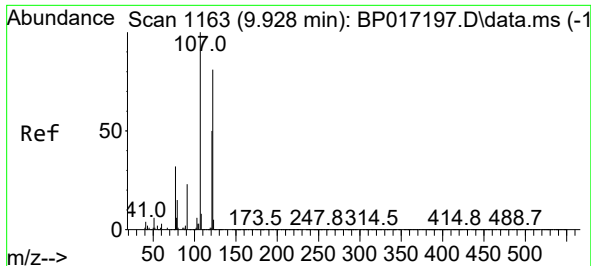
Tgt Ion:105 Resp: 507573
Ion Ratio Lower Upper
105 100
77 80.9 63.0 94.4
51 26.5 20.5 30.7



#19
Hexachloroethane
Concen: 1.782 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.018 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Tgt Ion:117 Resp: 14287
Ion Ratio Lower Upper
117 100
201 0.4 79.9 119.9#
199 0.2 49.4 74.2#

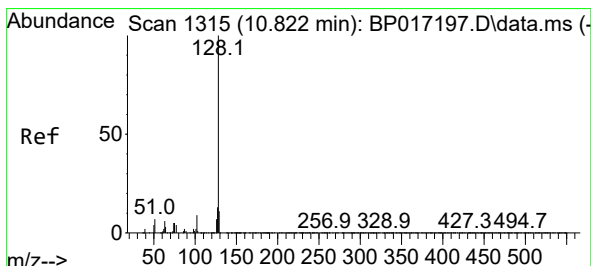
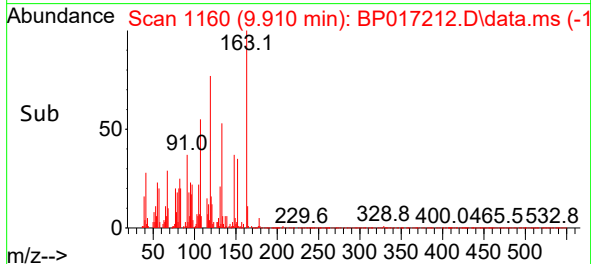
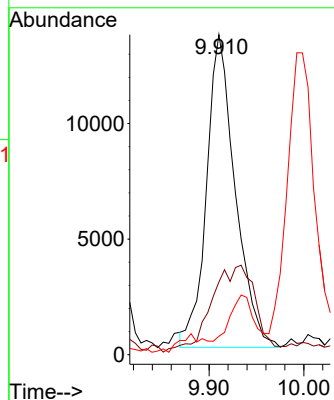
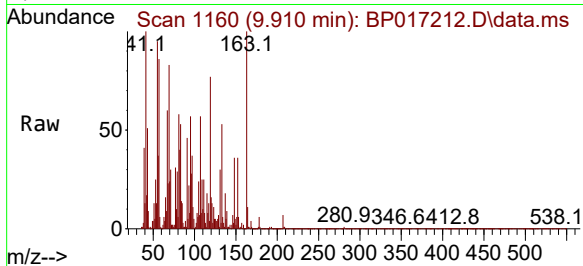




#26
2,4-Dimethylphenol
Concen: 1.475 ng/ul
RT: 9.910 min Scan# 1160
Delta R.T. -0.024 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

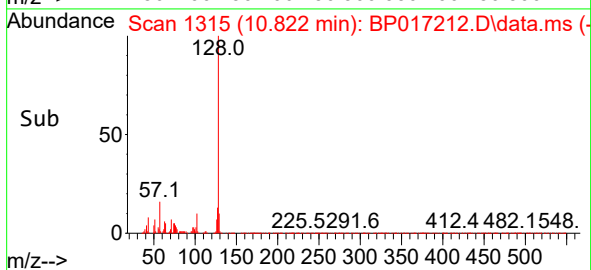
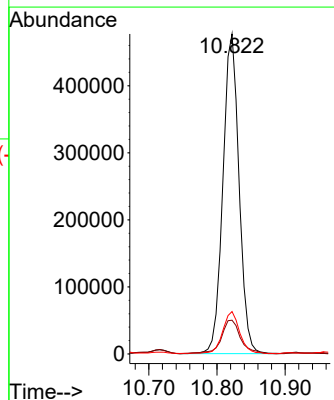
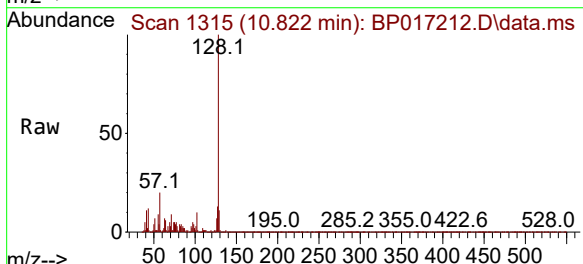
Instrument :
BNA_P
ClientSampleId :
EZYG3

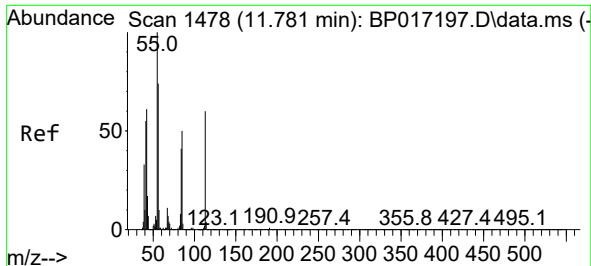
Tgt Ion:107 Resp: 28473
Ion Ratio Lower Upper
107 100
121 22.7 41.7 62.5#
122 5.8 70.4 105.6#



#30
Naphthalene
Concen: 13.601 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Tgt Ion:128 Resp: 784703
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.3 10.4 15.6

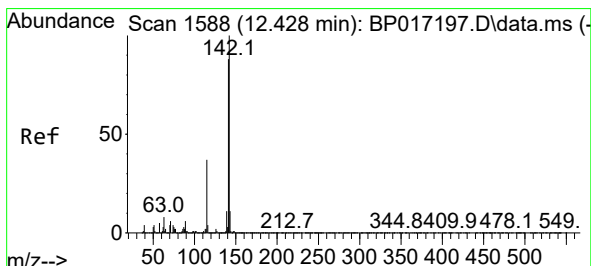
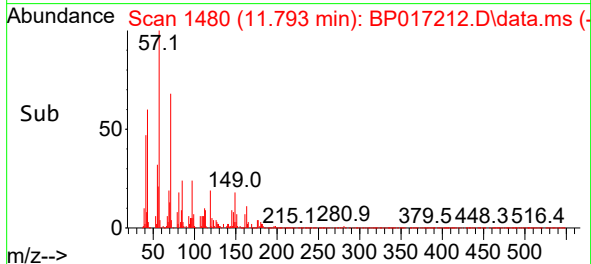
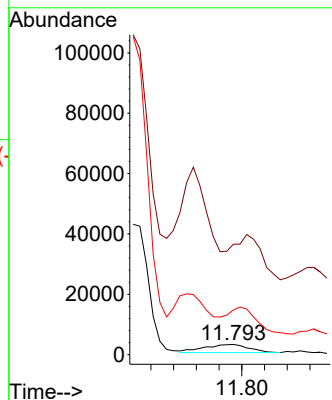
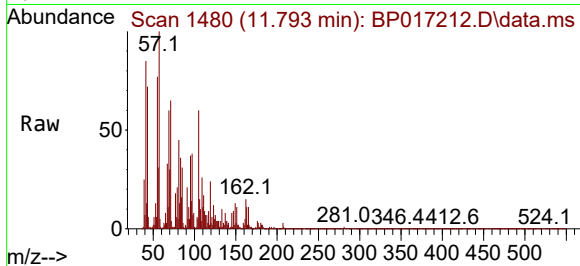




#34
Caprolactam
Concen: 1.434 ng/ul
RT: 11.793 min Scan# 1478
Delta R.T. 0.012 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

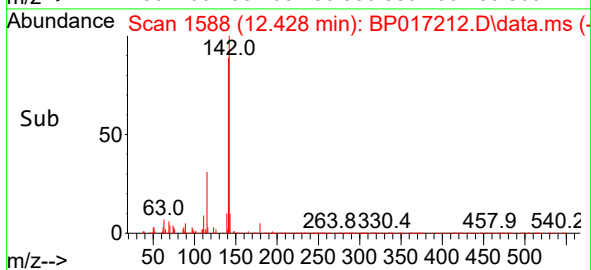
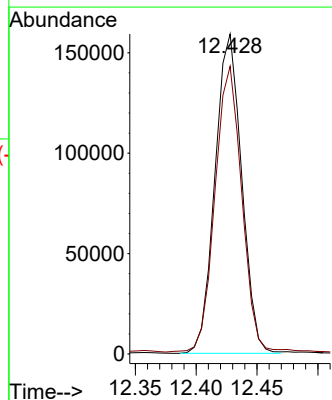
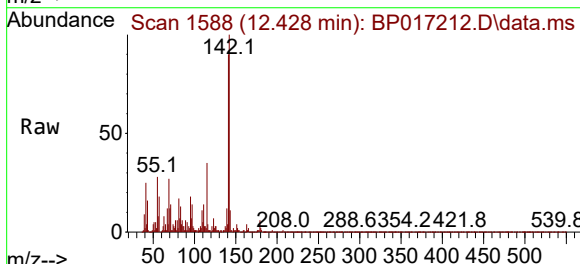
Instrument :
BNA_P
ClientSampleId :
EZYG3

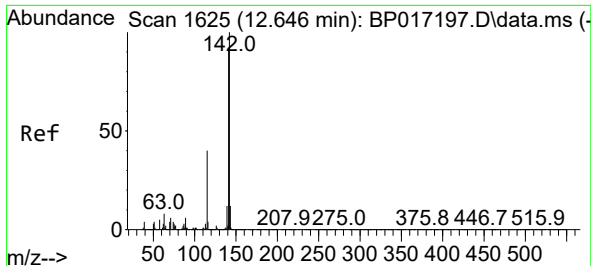
Tgt Ion:113 Resp: 7521
Ion Ratio Lower Upper
113 100
55 1083.4 130.7 196.1#
56 438.7 96.8 145.2#



#36
2-Methylnaphthalene
Concen: 6.233 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Tgt Ion:142 Resp: 242639
Ion Ratio Lower Upper
142 100
141 89.9 70.1 105.1





#37

1-Methylnaphthalene

Concen: 4.566 ng/ul

RT: 12.645 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

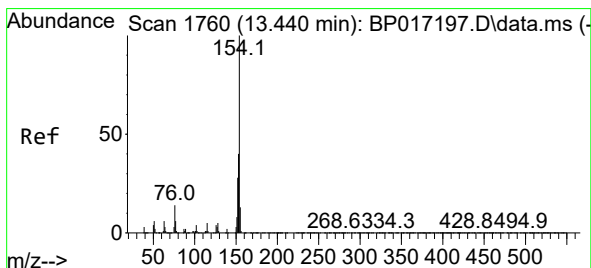
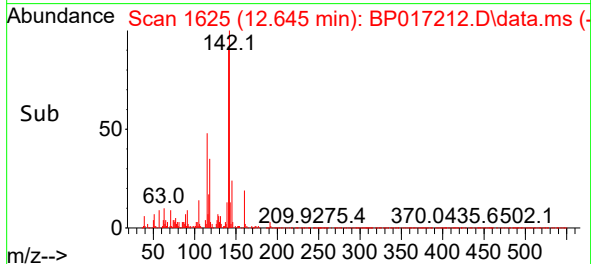
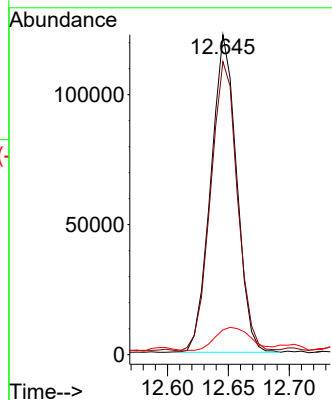
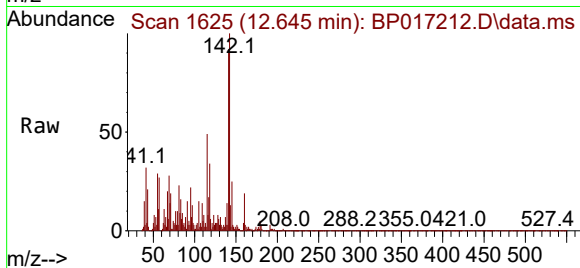
Tgt Ion:142 Resp: 179918

Ion Ratio Lower Upper

142 100

141 91.6 74.1 111.1

116 7.7 3.1 4.7#



#43

1,1'-Biphenyl

Concen: 1.861 ng/ul

RT: 13.440 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

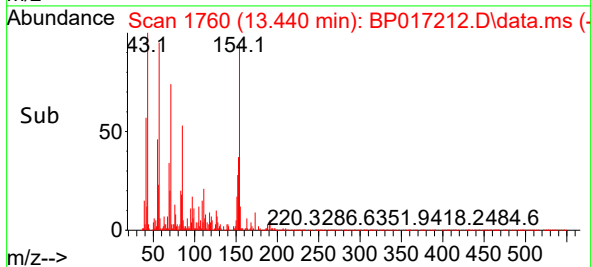
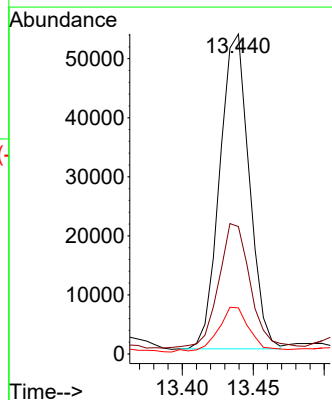
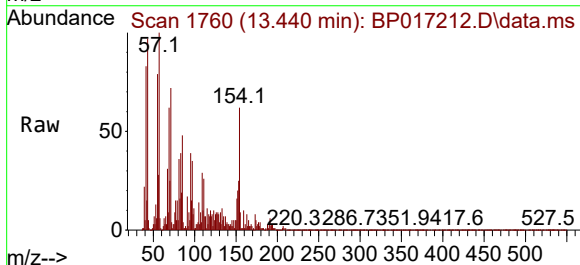
Tgt Ion:154 Resp: 76989

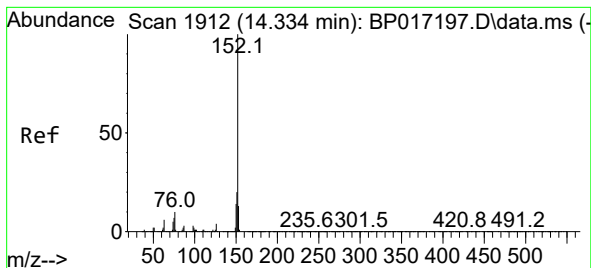
Ion Ratio Lower Upper

154 100

153 39.8 31.8 47.8

76 14.4 10.8 16.2





#50

Acenaphthylene

Concen: 2.230 ng/ul

RT: 14.334 min Scan# 1912

Delta R.T. -0.000 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

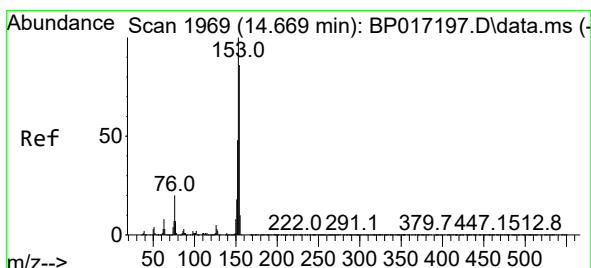
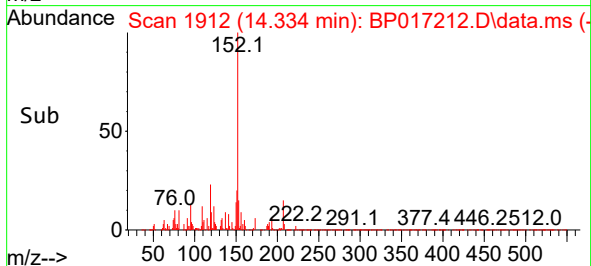
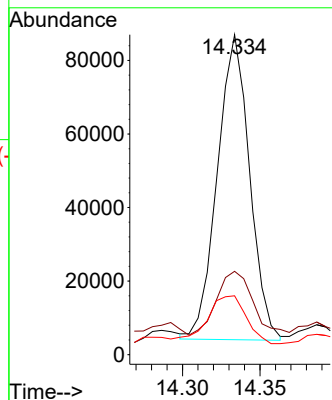
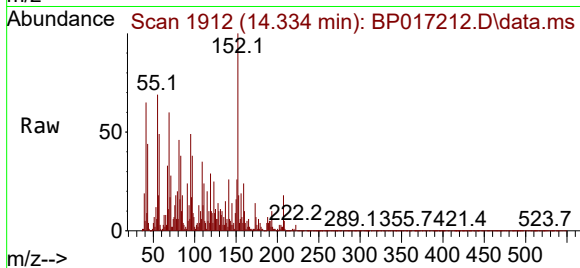
Tgt Ion:152 Resp: 119954

Ion Ratio Lower Upper

152 100

151 26.0 15.8 23.8#

153 18.4 10.6 15.8#



#52

Acenaphthene

Concen: 18.621 ng/ul

RT: 14.669 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

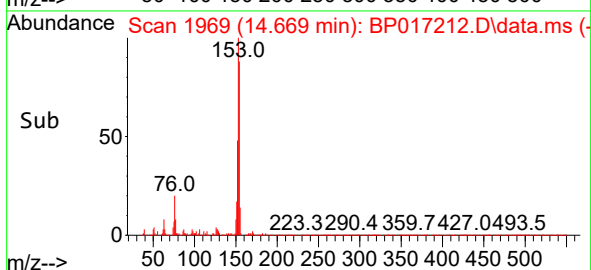
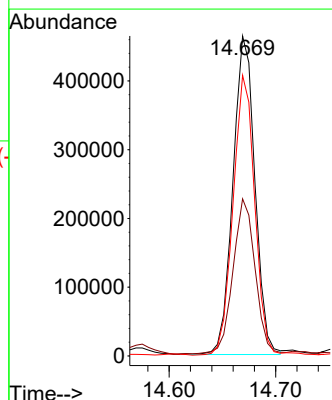
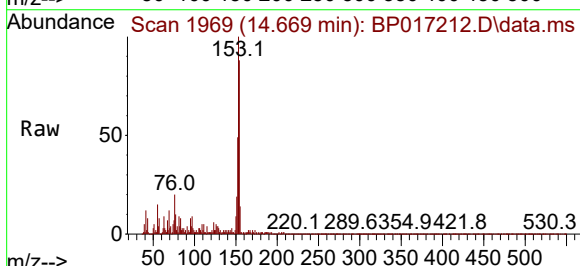
Tgt Ion:153 Resp: 662977

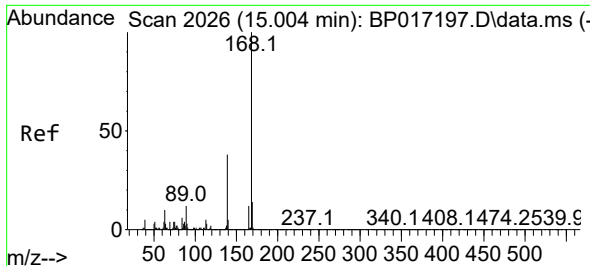
Ion Ratio Lower Upper

153 100

152 49.1 38.6 57.8

154 87.7 70.4 105.6

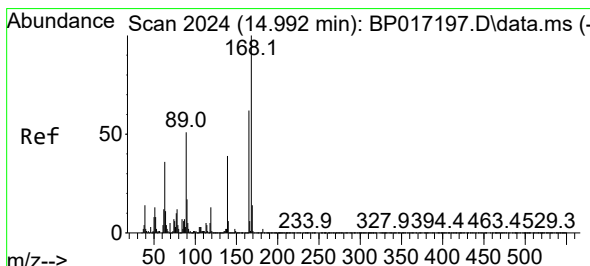
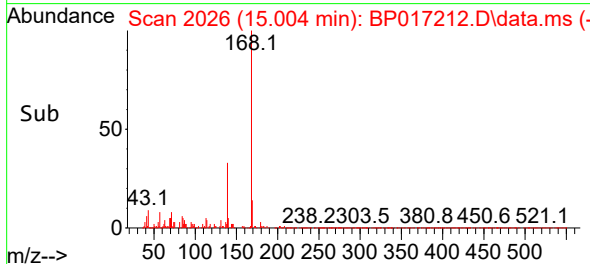
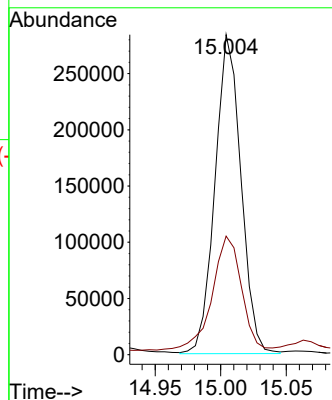
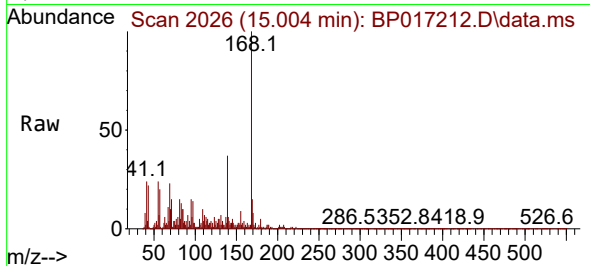




#56
Dibenzofuran
Concen: 7.929 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

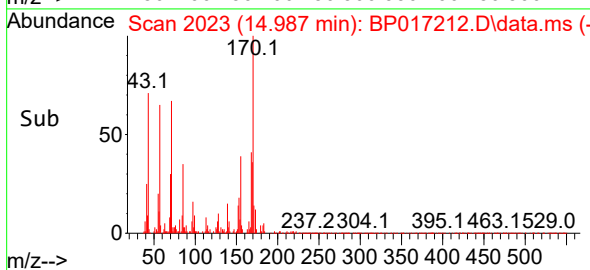
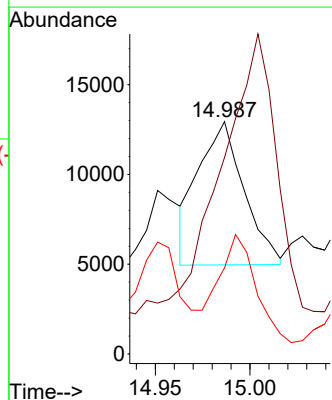
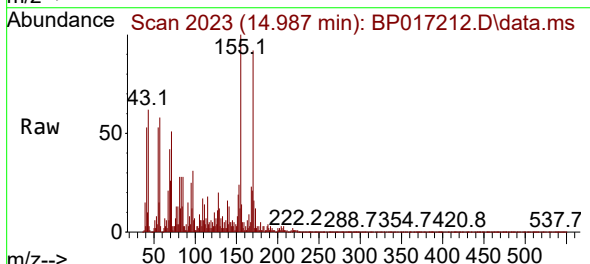
Instrument :
BNA_P
ClientSampleId :
EZYG3

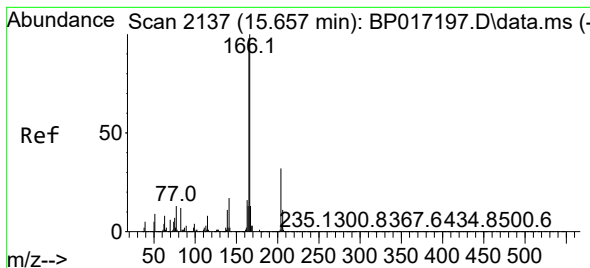
Tgt Ion:168 Resp: 390107
Ion Ratio Lower Upper
168 100
139 37.0 29.9 44.9



#57
2,4-Dinitrotoluene
Concen: 1.181 ng/ul
RT: 14.987 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BP017212.D
Acq: 18 Sep 2023 19:08

Tgt Ion:165 Resp: 13400
Ion Ratio Lower Upper
165 100
63 84.5 42.3 63.5#
182 37.1 2.2 3.4#





#61

Fluorene

Concen: 14.203 ng/ul

RT: 15.657 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

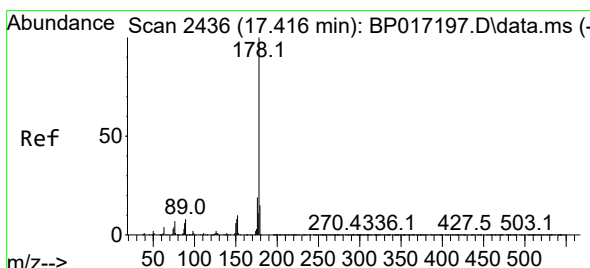
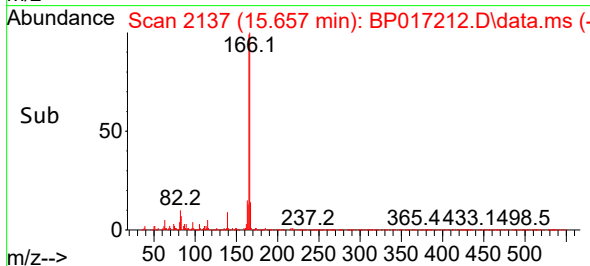
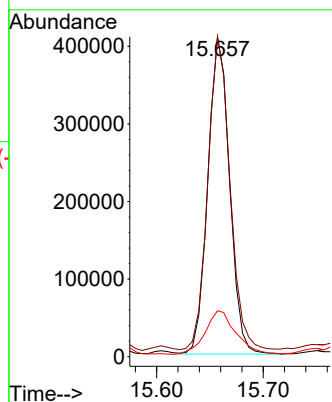
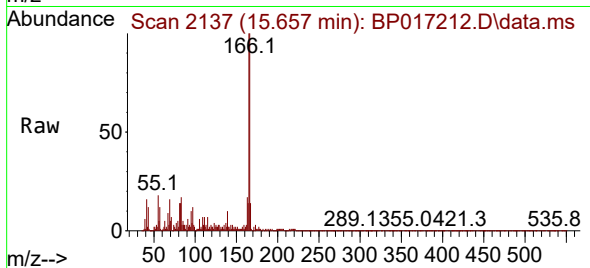
Tgt Ion:166 Resp: 577750

Ion Ratio Lower Upper

166 100

165 99.9 78.2 117.2

167 14.4 11.0 16.4



#72

Phenanthrene

Concen: 48.767 ng/ul

RT: 17.422 min Scan# 2437

Delta R.T. -0.000 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

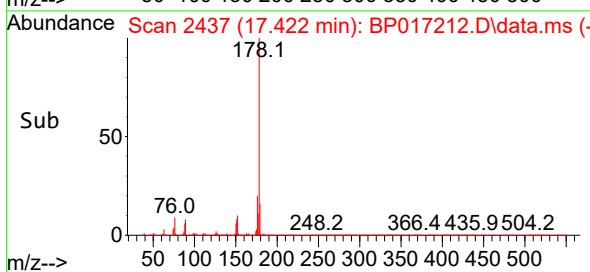
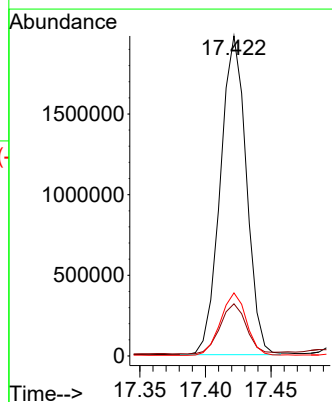
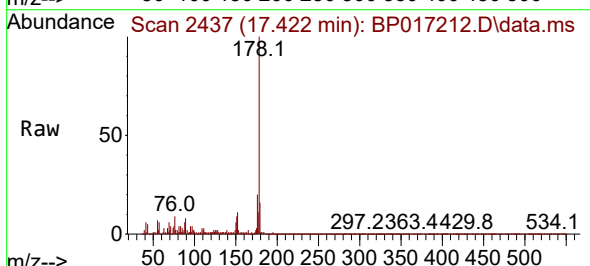
Tgt Ion:178 Resp: 2732183

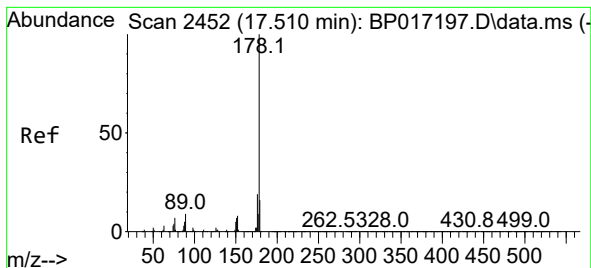
Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.2

176 19.7 15.6 23.4





#74

Anthracene

Concen: 48.150 ng/ul

RT: 17.422 min Scan# 2452

Delta R.T. -0.094 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

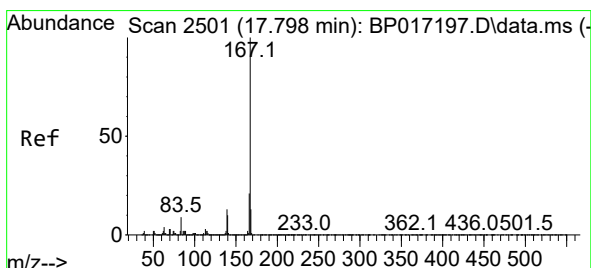
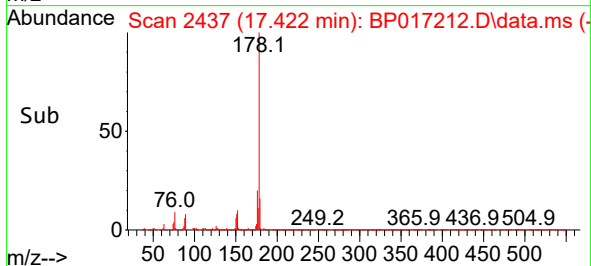
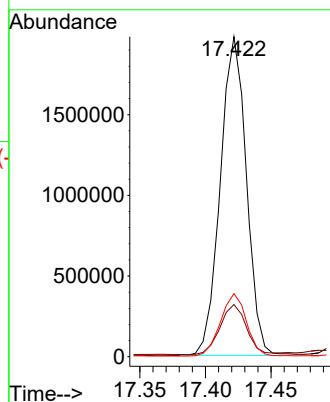
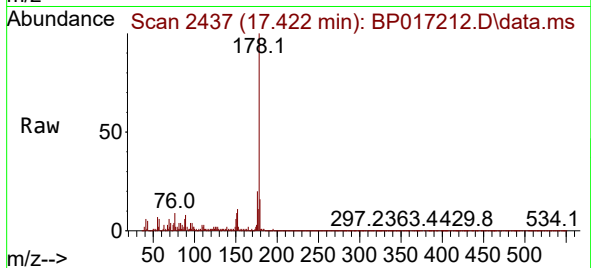
Tgt Ion:178 Resp: 2732183

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 19.7 14.9 22.3



#77

Carbazole

Concen: 1.870 ng/ul

RT: 17.798 min Scan# 2501

Delta R.T. -0.000 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

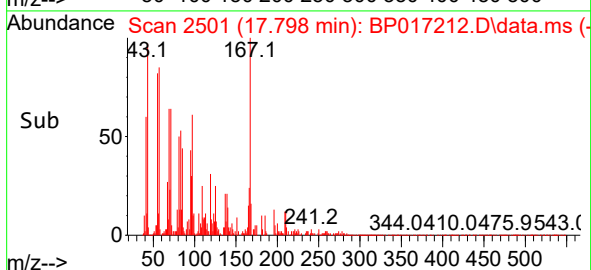
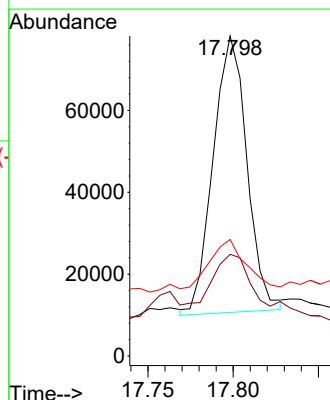
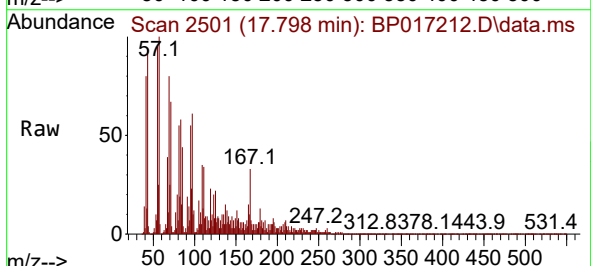
Tgt Ion:167 Resp: 93195

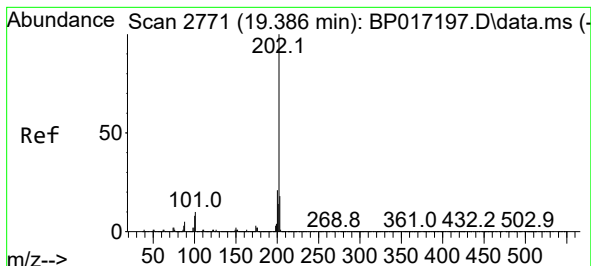
Ion Ratio Lower Upper

167 100

166 31.8 17.0 25.6#

139 36.4 10.4 15.6#





#80

Fluoranthene

Concen: 47.471 ng/ul

RT: 19.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

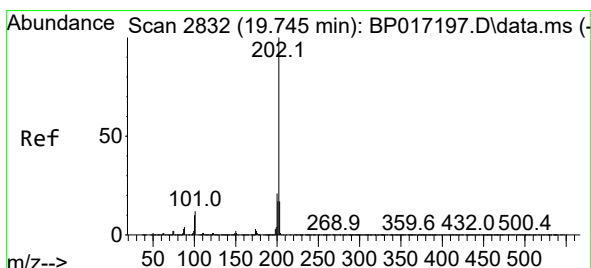
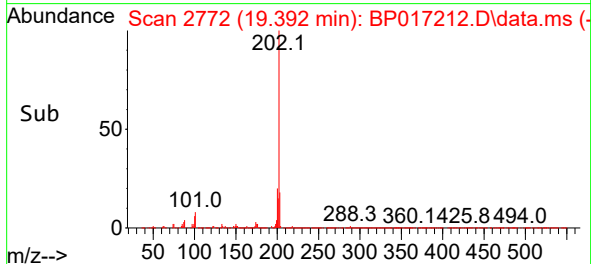
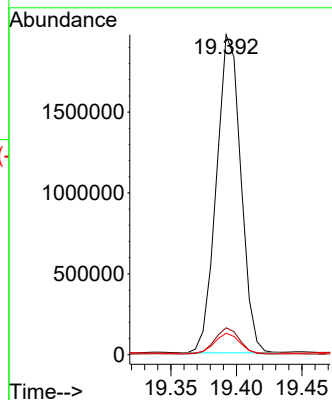
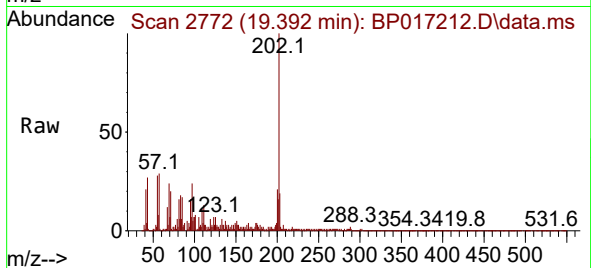
Tgt Ion:202 Resp: 2542767

Ion Ratio Lower Upper

202 100

101 8.4 8.3 12.5

100 6.7 6.4 9.6



#82

Pyrene

Concen: 43.305 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. 0.012 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

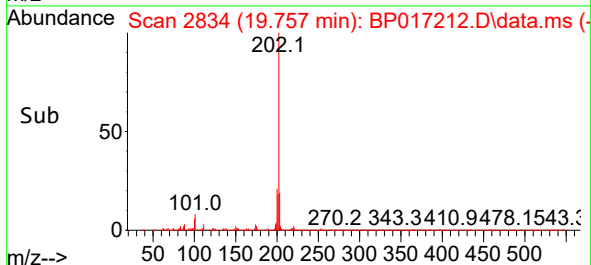
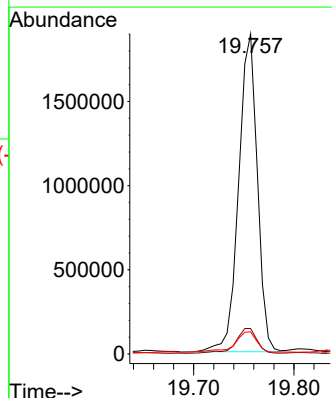
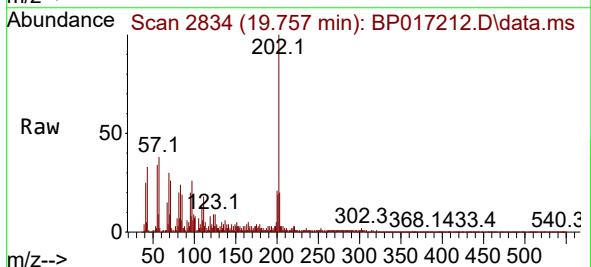
Tgt Ion:202 Resp: 2450959

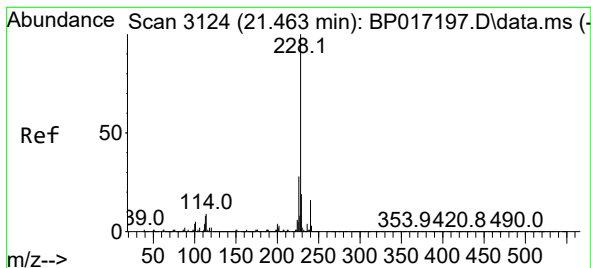
Ion Ratio Lower Upper

202 100

101 8.0 9.7 14.5#

100 6.9 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 10.046 ng/ul

RT: 21.480 min Scan# 3124

Delta R.T. 0.017 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

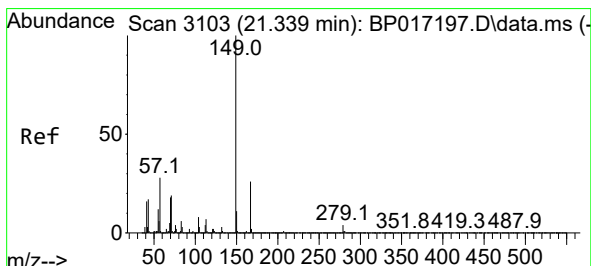
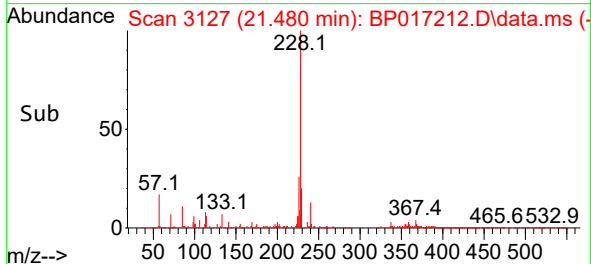
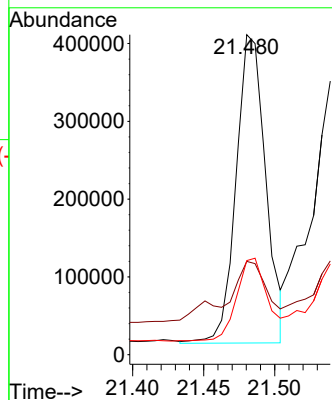
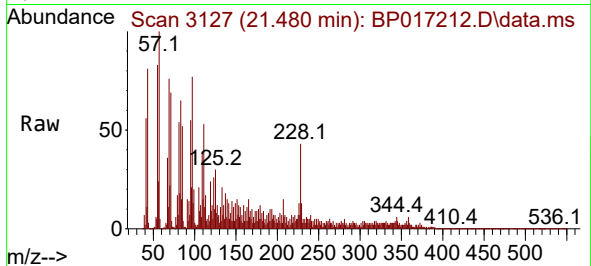
Tgt Ion:228 Resp: 574783

Ion Ratio Lower Upper

228 100

229 29.1 16.1 24.1#

226 29.4 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.523 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.012 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

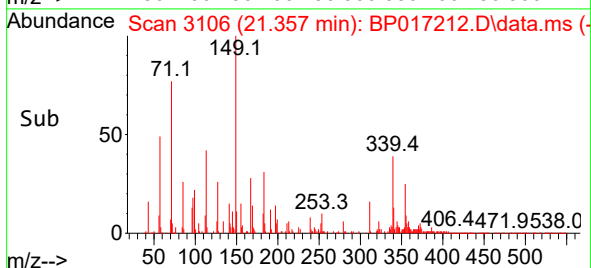
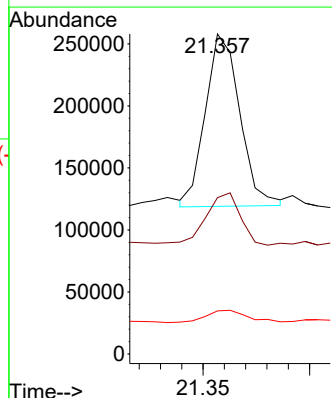
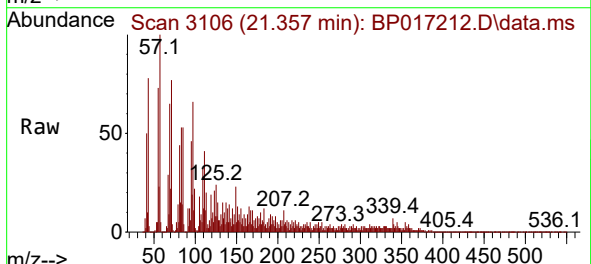
Tgt Ion:149 Resp: 156498

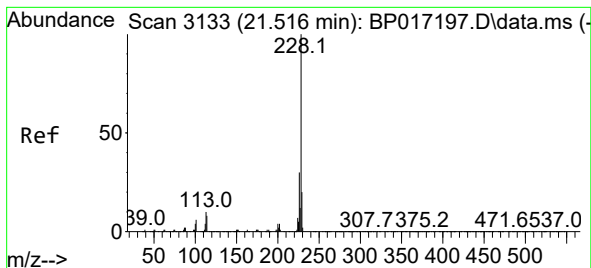
Ion Ratio Lower Upper

149 100

167 48.9 21.3 31.9#

279 13.5 3.4 5.2#





#87

Chrysene

Concen: 10.472 ng/ul

RT: 21.539 min Scan# 3133

Delta R.T. 0.017 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

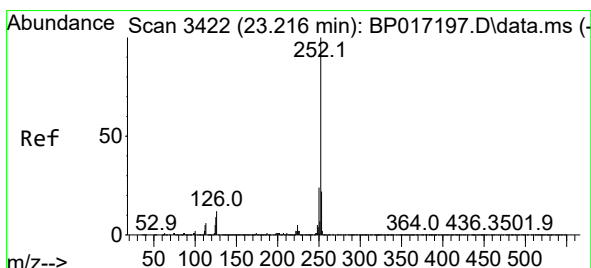
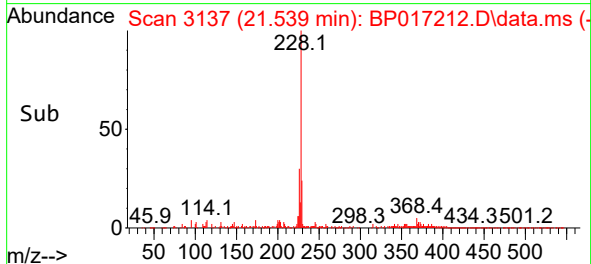
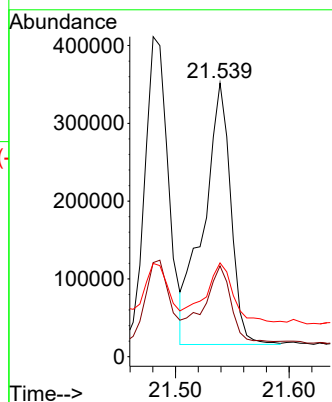
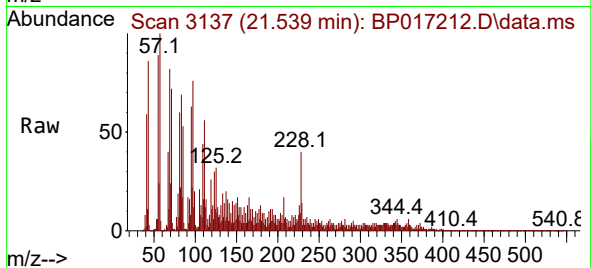
Tgt Ion:228 Resp: 557322

Ion Ratio Lower Upper

228 100

226 33.2 23.9 35.9

229 34.3 15.3 22.9#



#90

Benzo(b)fluoranthene

Concen: 10.676 ng/ul

RT: 23.263 min Scan# 3430

Delta R.T. 0.047 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

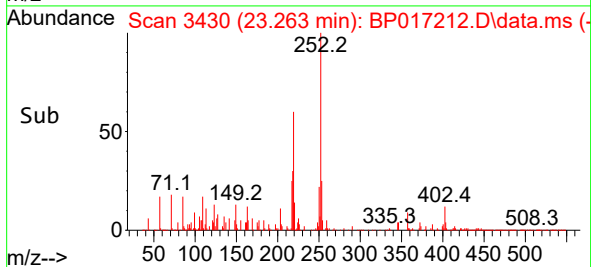
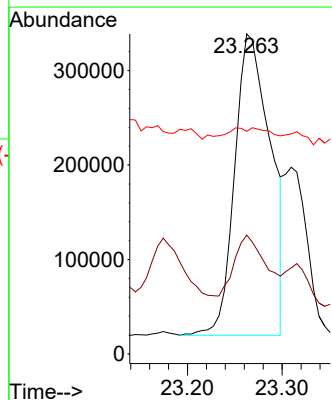
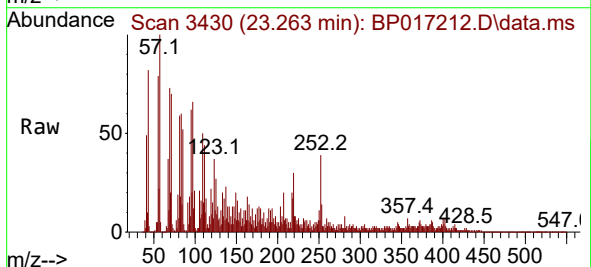
Tgt Ion:252 Resp: 837842

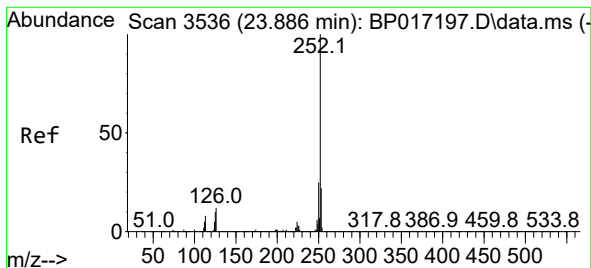
Ion Ratio Lower Upper

252 100

253 37.2 18.2 27.2#

125 69.6 7.5 11.3#





#93

Benzo(a)pyrene

Concen: 7.826 ng/ul

RT: 23.945 min Scan# 3546

Delta R.T. 0.053 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

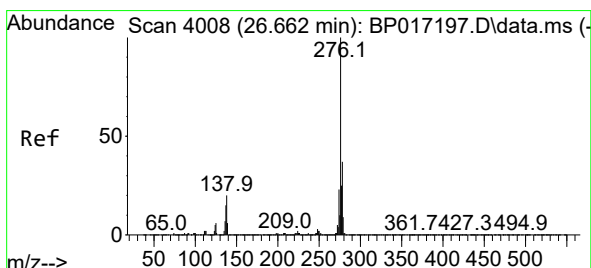
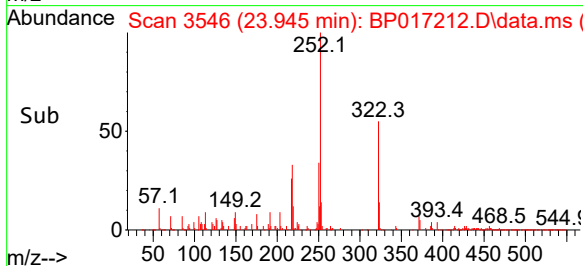
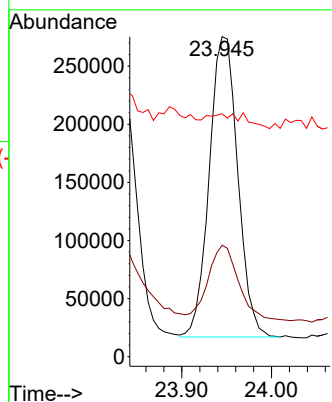
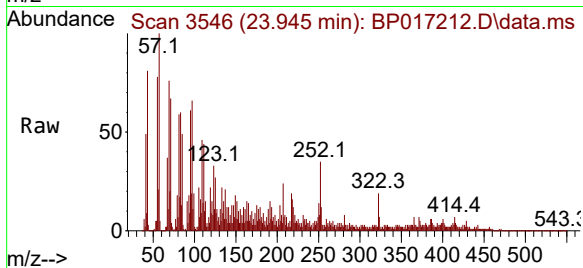
Tgt Ion:252 Resp: 569840

Ion Ratio Lower Upper

252 100

253 34.8 17.4 26.2#

125 75.9 8.1 12.1#



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.851 ng/ul

RT: 26.774 min Scan# 4027

Delta R.T. 0.100 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

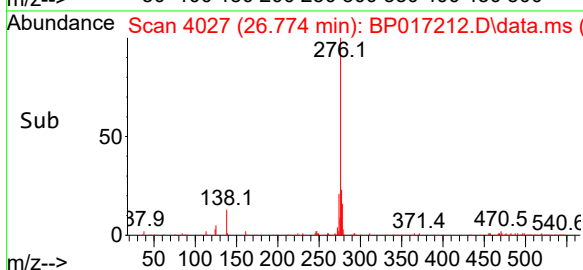
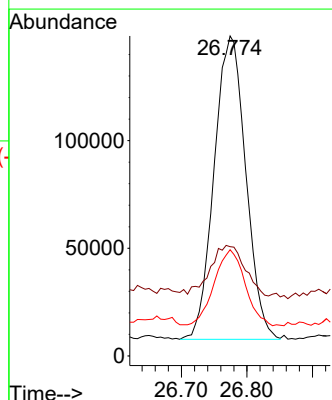
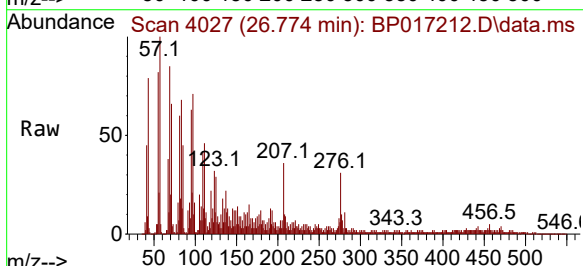
Tgt Ion:276 Resp: 471760

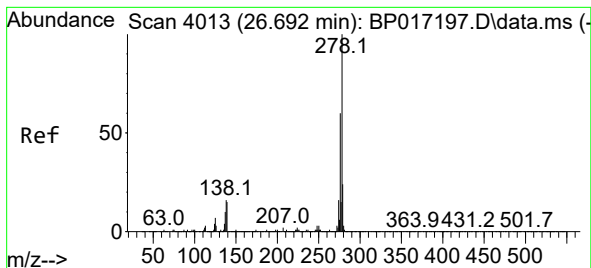
Ion Ratio Lower Upper

276 100

138 34.2 17.5 26.3#

277 33.2 19.6 29.4#





#95

Dibenzo(a,h)anthracene

Concen: 1.618 ng/ul

RT: 26.798 min Scan# 4013

Delta R.T. 0.100 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Instrument :

BNA_P

ClientSampleId :

EZYG3

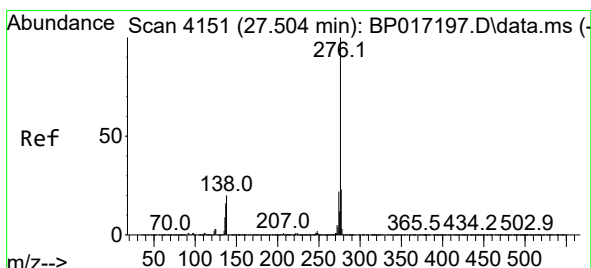
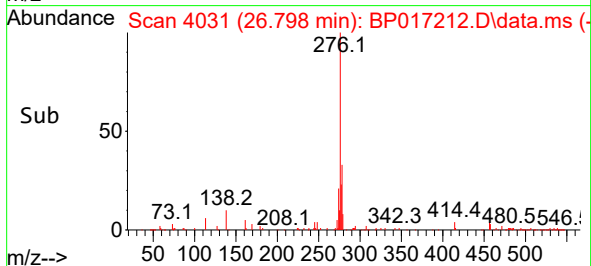
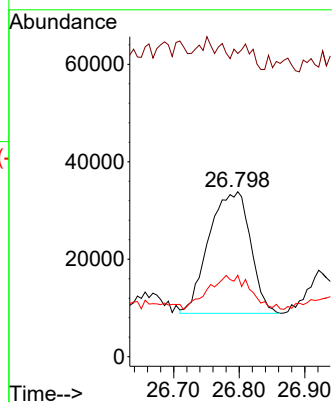
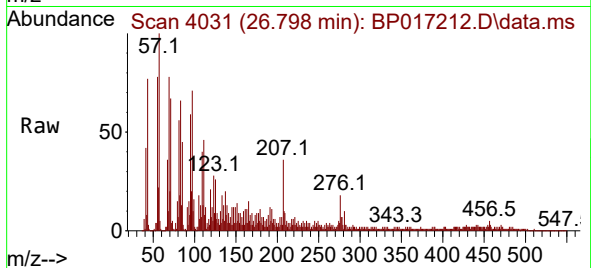
Tgt Ion:278 Resp: 109617

Ion Ratio Lower Upper

278 100

139 183.8 11.9 17.9#

279 49.3 19.0 28.6#



#96

Benzo(g,h,i)perylene

Concen: 7.492 ng/ul

RT: 27.621 min Scan# 4171

Delta R.T. 0.112 min

Lab File: BP017212.D

Acq: 18 Sep 2023 19:08

Tgt Ion:276 Resp: 467103

Ion Ratio Lower Upper

276 100

138 35.2 16.2 24.4#

277 31.7 19.6 29.4#

