

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021243.D
 Acq On : 30 Jul 2024 20:42
 Operator : MA/JU
 Sample : P3347-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AZ0

Quant Time: Jul 30 22:55:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

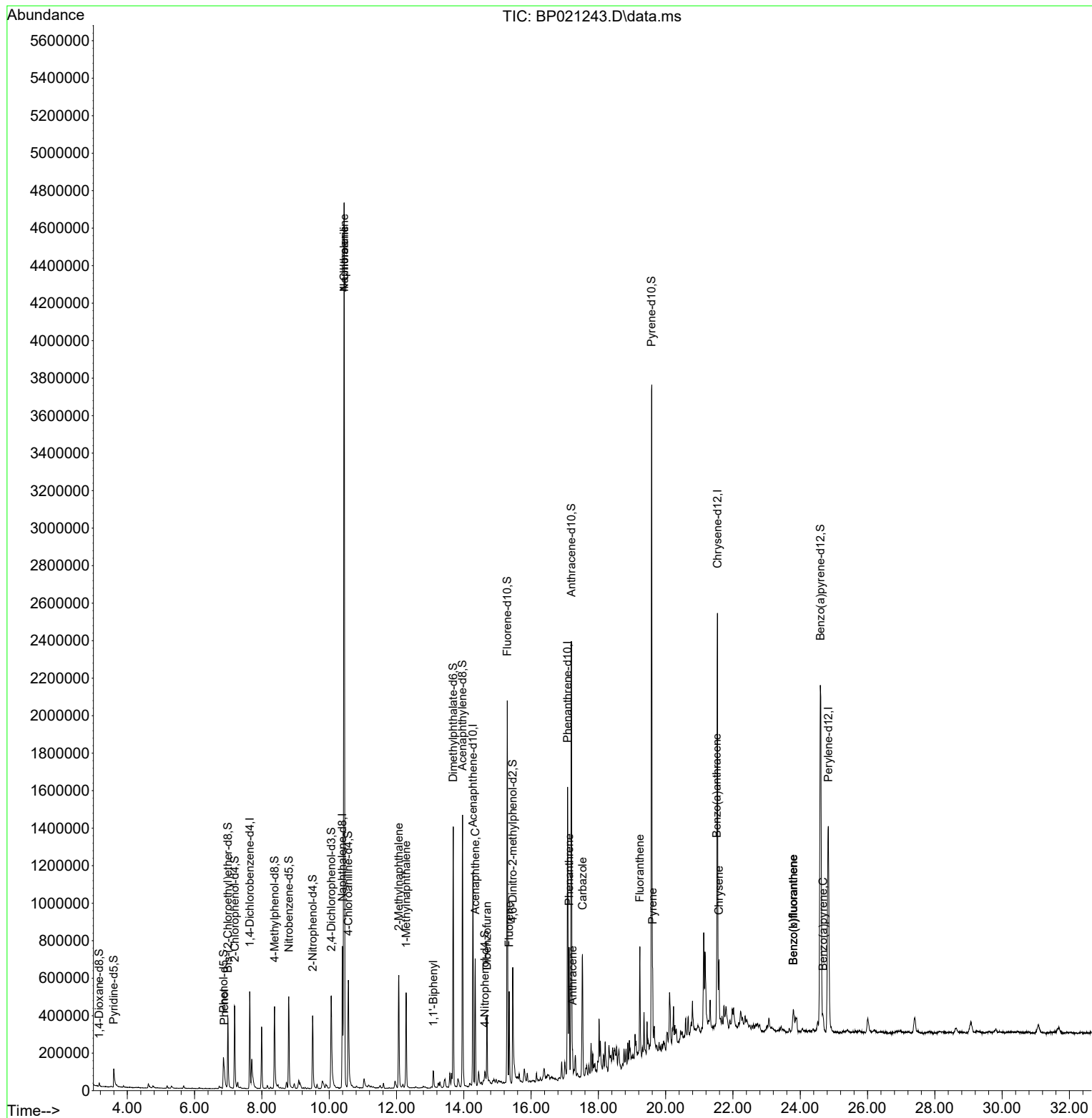
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	149354	20.000	ng/ul	0.00
20) Naphthalene-d8	10.392	136	605815	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.274	164	414477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.086	188	978977	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1182807	20.000	ng/ul	# 0.00
88) Perylene-d12	24.833	264	1320397	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	12199	3.717	ng/uL	-0.01
4) Pyridine-d5	3.599	84	73827	7.770	ng/ul	0.00
7) Phenol-d5	6.857	99	118035	9.694	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	176260	23.886	ng/ul	0.00
11) 2-Chlorophenol-d4	7.192	132	237016	23.625	ng/ul	0.01
15) 4-Methylphenol-d8	8.375	113	208923	20.659	ng/ul	0.01
21) Nitrobenzene-d5	8.798	128	127703	27.139	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	147137	27.320	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	265200	27.232	ng/ul	0.01
31) 4-Chloroaniline-d4	10.569	131	287630	22.295	ng/ul	0.01
46) Dimethylphthalate-d6	13.686	166	985304	32.701	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	1016070	30.033	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	26741	6.238	ng/ul	0.04
60) Fluorene-d10	15.292	176	850586	34.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	177753	30.009	ng/ul	0.00
73) Anthracene-d10	17.198	188	1495615	34.397	ng/ul	0.00
81) Pyrene-d10	19.580	212	2036060	27.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.597	264	2387607	36.664	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.887	94	52759	4.282	ng/ul	94
30) Naphthalene	10.445	128	4238490	133.008	ng/ul	100
32) 4-Chloroaniline	10.445	127	573237	46.531	ng/ul#	14
36) 2-Methylnaphthalene	12.069	142	307958	14.079	ng/ul	99
37) 1-Methylnaphthalene	12.286	142	237181	10.543	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	64689	2.136	ng/ul	97
52) Acenaphthene	14.339	153	284257	11.181	ng/ul	98
56) Dibenzofuran	14.692	168	233950	6.720	ng/ul	98
61) Fluorene	15.351	166	207819	7.315	ng/ul	99
72) Phenanthrene	17.133	178	453628	8.932	ng/ul	99
74) Anthracene	17.233	178	88136	1.702	ng/ul	99
77) Carbazole	17.527	167	532562	12.583	ng/ul	99
80) Fluoranthene	19.233	202	350983	3.974	ng/ul	96
82) Pyrene	19.615	202	239734	2.668	ng/ul#	94
85) Benzo(a)anthracene	21.521	228	134916	1.628	ng/ul	98
87) Chrysene	21.586	228	232077	3.014	ng/ul	98
90) Benzo(b)fluoranthene	23.797	252	156260	1.950	ng/ul	97
91) Benzo(k)fluoranthene	23.797	252	156260	1.954	ng/ul	98
93) Benzo(a)pyrene	24.680	252	96501	1.274	ng/ul	97

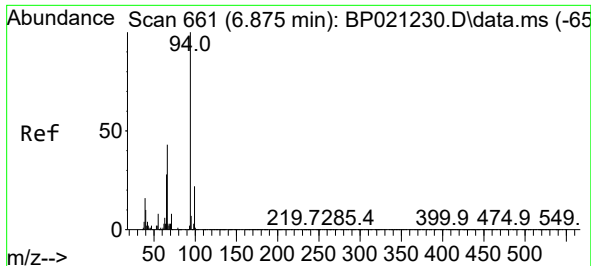
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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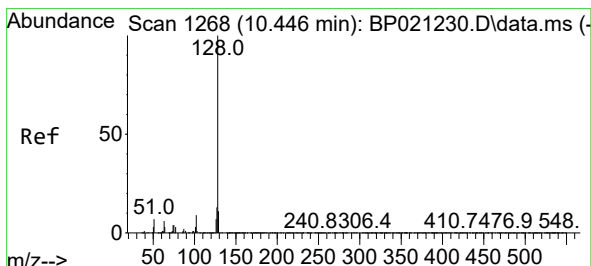
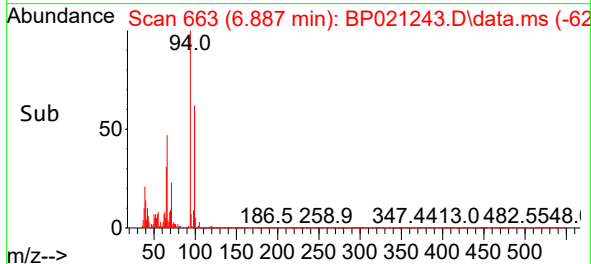
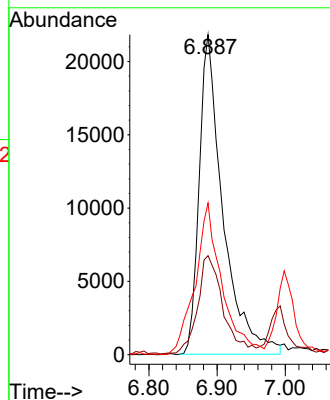
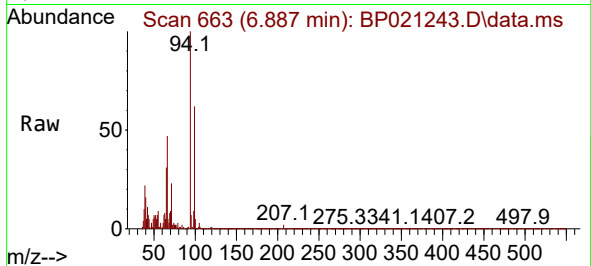




#8
Phenol
Concen: 4.282 ng/ul
RT: 6.887 min Scan# 661
Delta R.T. 0.012 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

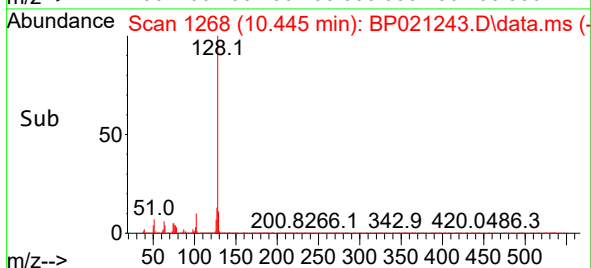
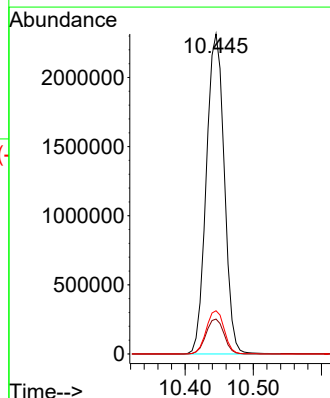
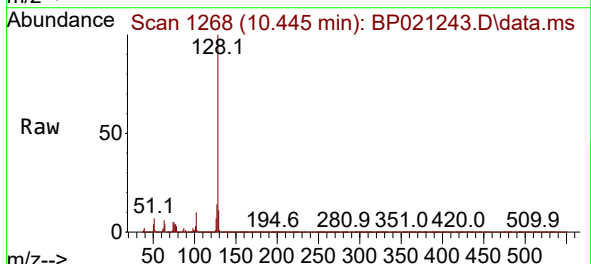
Instrument :
BNA_P
ClientSampleId :
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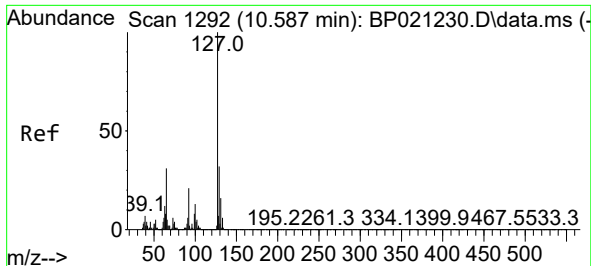
Tgt Ion: 94 Resp: 52759
Ion Ratio Lower Upper
94 100
65 31.0 23.4 35.0
66 47.4 33.9 50.9



#30
Naphthalene
Concen: 133.008 ng/ul
RT: 10.445 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

Tgt Ion: 128 Resp: 4238490
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.8 16.2

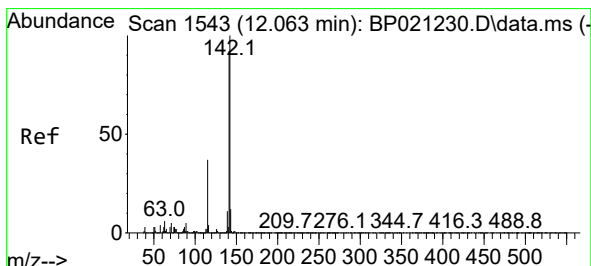
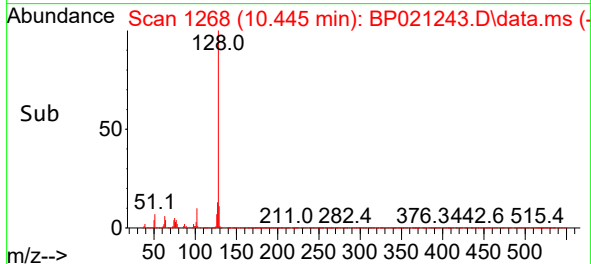
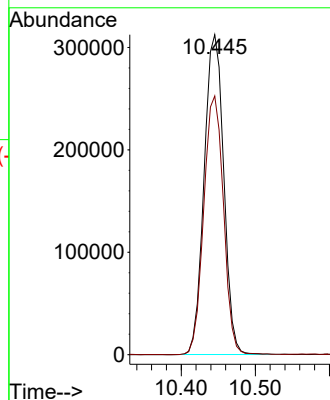
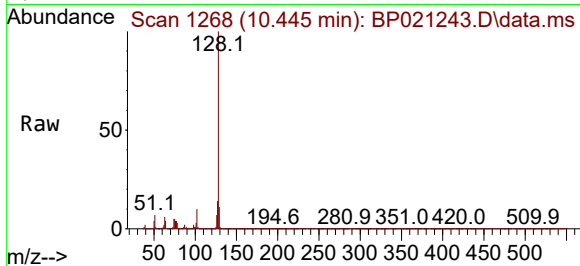




#32
4-Chloroaniline
Concen: 46.531 ng/ul
RT: 10.445 min Scan# 1268
Delta R.T. -0.141 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

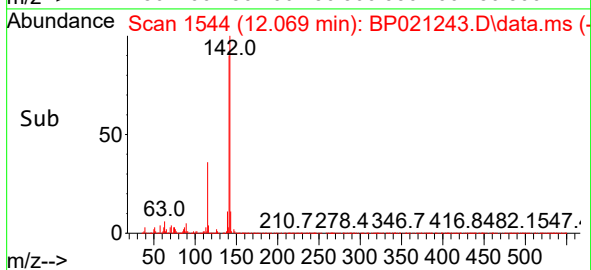
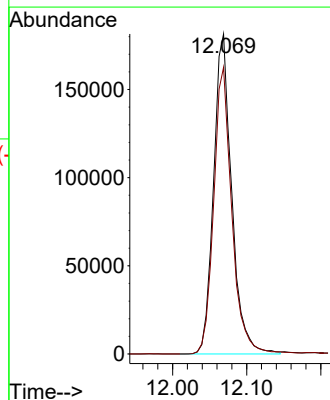
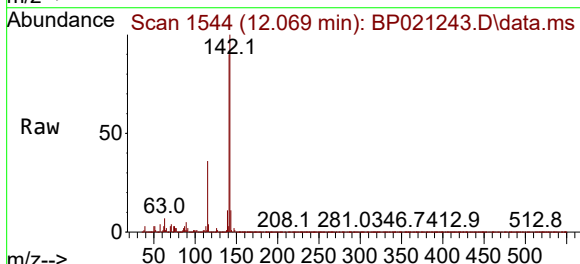
Instrument :
BNA_P
ClientSampleId :
C0AZ0

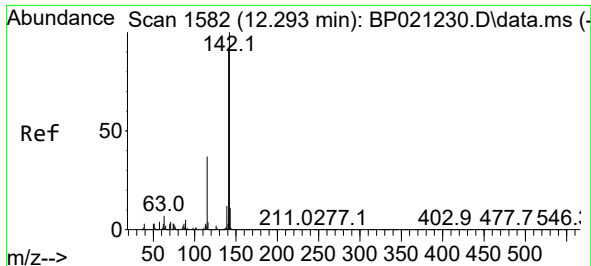
Tgt Ion:127 Resp: 573237
Ion Ratio Lower Upper
127 100
129 80.9 26.1 39.1#



#36
2-Methylnaphthalene
Concen: 14.079 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

Tgt Ion:142 Resp: 307958
Ion Ratio Lower Upper
142 100
141 89.5 72.6 108.8





#37

1-Methylnaphthalene

Concen: 10.543 ng/ul

RT: 12.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

Instrument :

BNA_P

ClientSampleId :

C0AZ0

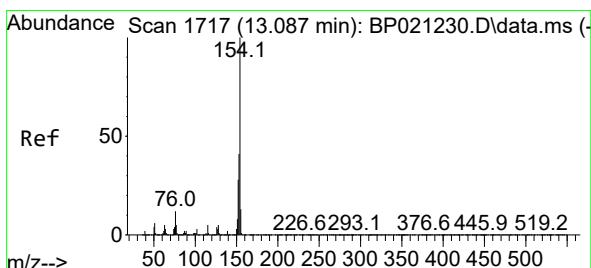
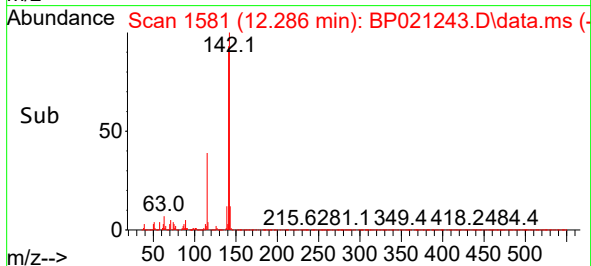
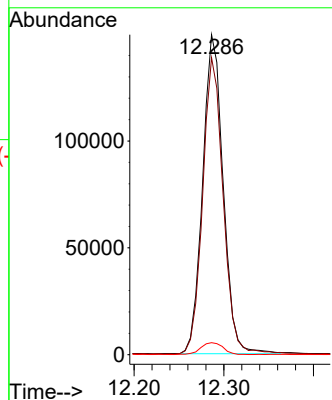
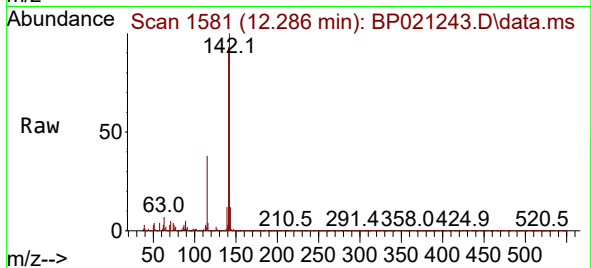
Tgt Ion:142 Resp: 237181

Ion Ratio Lower Upper

142 100

141 92.8 75.0 112.6

116 3.8 3.2 4.8



#43

1,1'-Biphenyl

Concen: 2.136 ng/ul

RT: 13.098 min Scan# 1719

Delta R.T. 0.012 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

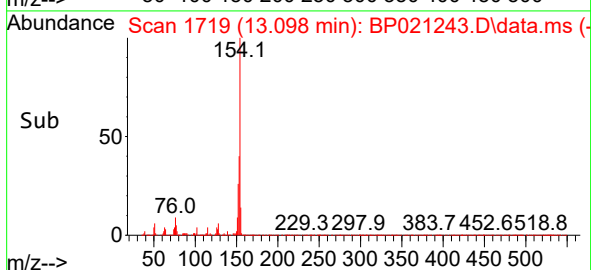
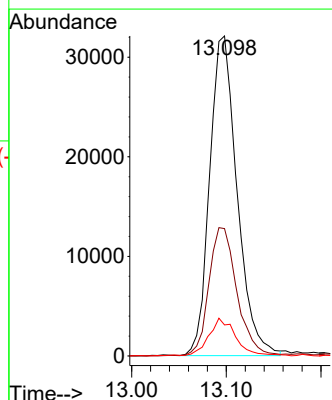
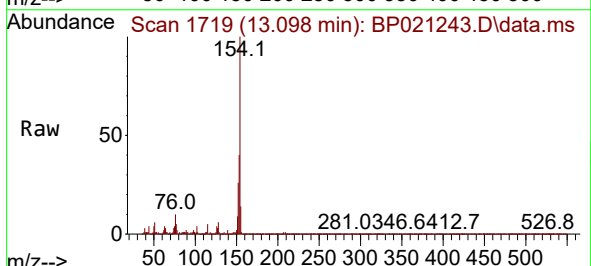
Tgt Ion:154 Resp: 64689

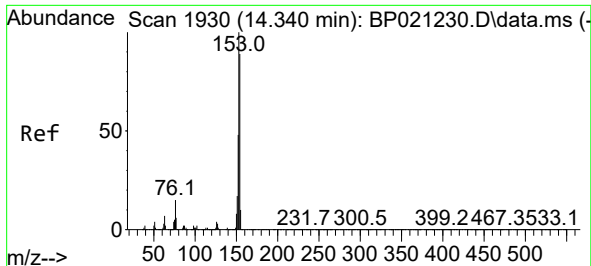
Ion Ratio Lower Upper

154 100

153 39.8 32.7 49.1

76 9.7 9.4 14.2

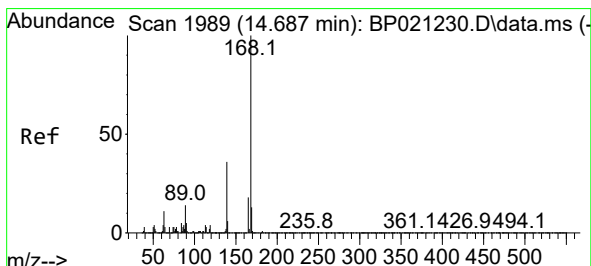
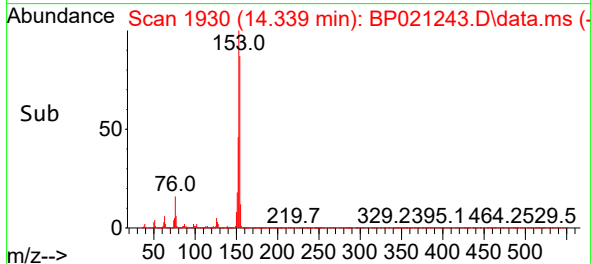
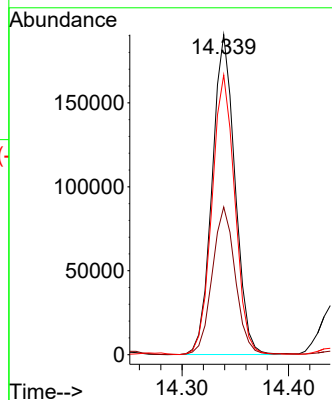
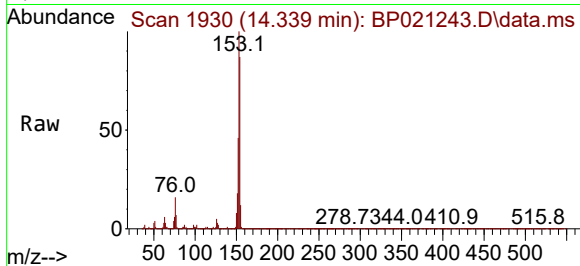




#52
Acenaphthene
Concen: 11.181 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

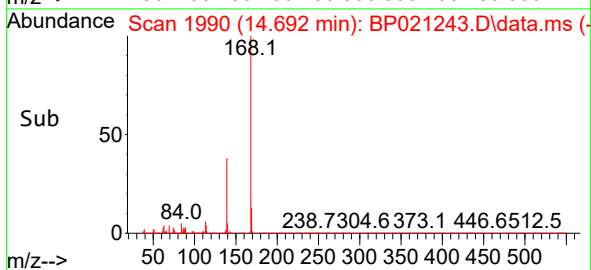
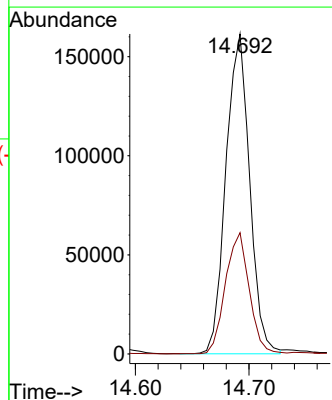
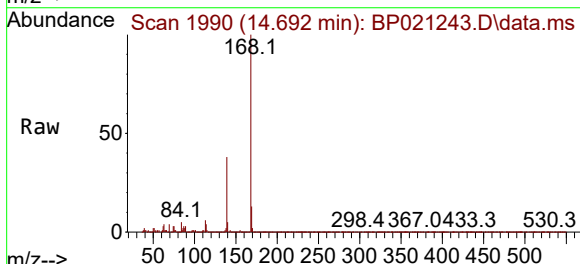
Instrument :
BNA_P
ClientSampleId :
COAZO

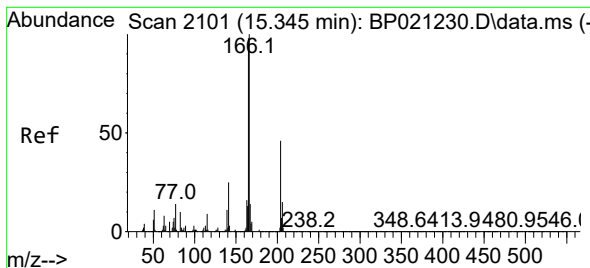
Tgt Ion:153 Resp: 284257
Ion Ratio Lower Upper
153 100
152 46.2 37.8 56.6
154 87.4 71.8 107.6



#56
Dibenzofuran
Concen: 6.720 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

Tgt Ion:168 Resp: 233950
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7





#61

Fluorene

Concen: 7.315 ng/ul

RT: 15.351 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

Instrument :

BNA_P

ClientSampleId :

COAZO

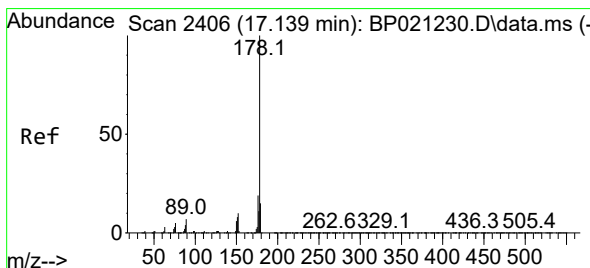
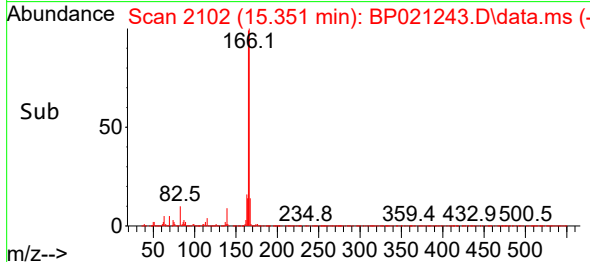
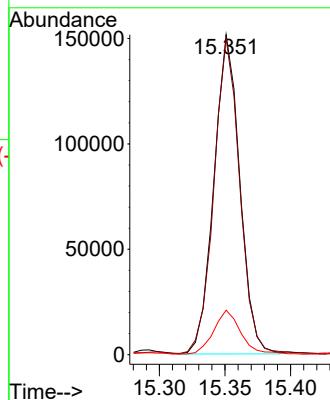
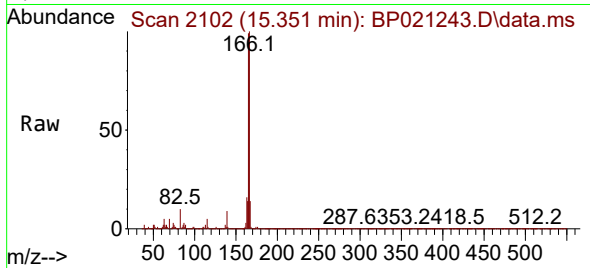
Tgt Ion:166 Resp: 207819

Ion Ratio Lower Upper

166 100

165 98.8 78.1 117.1

167 13.9 10.9 16.3



#72

Phenanthrene

Concen: 8.932 ng/ul

RT: 17.133 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

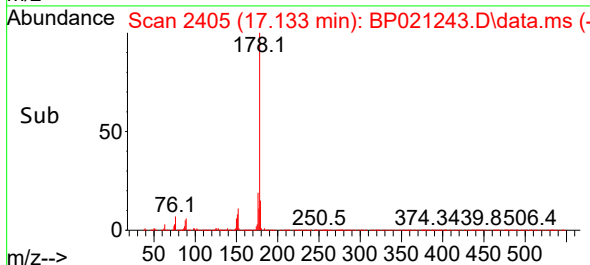
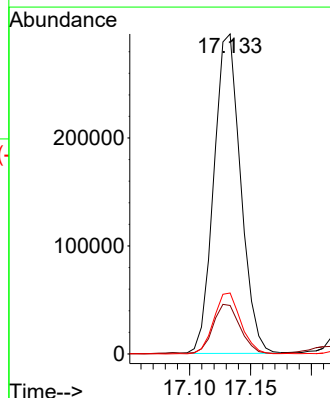
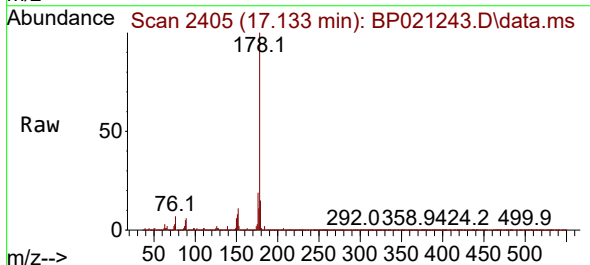
Tgt Ion:178 Resp: 453628

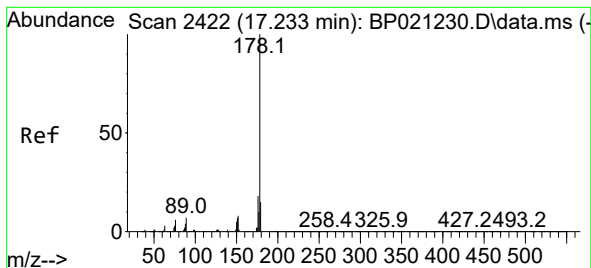
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.1 15.0 22.4





#74

Anthracene

Concen: 1.702 ng/ul

RT: 17.233 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

Instrument :

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ClientSampleId :

C0AZ0

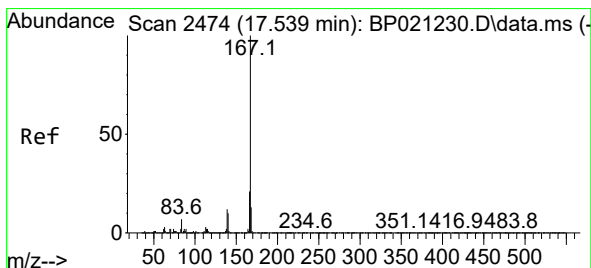
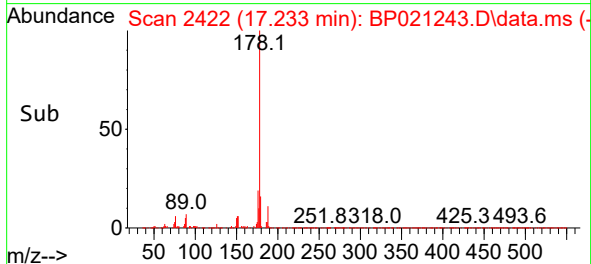
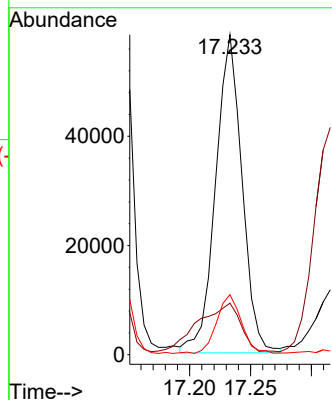
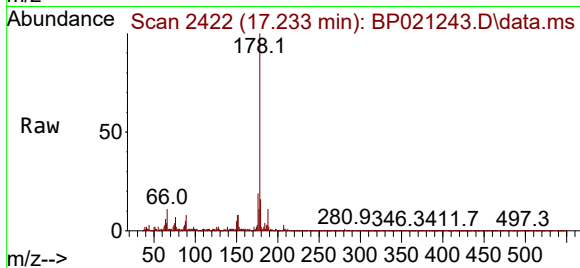
Tgt Ion:178 Resp: 88136

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

176 18.8 14.8 22.2



#77

Carbazole

Concen: 12.583 ng/ul

RT: 17.527 min Scan# 2472

Delta R.T. 0.006 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

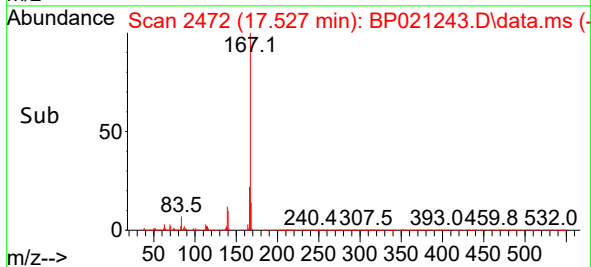
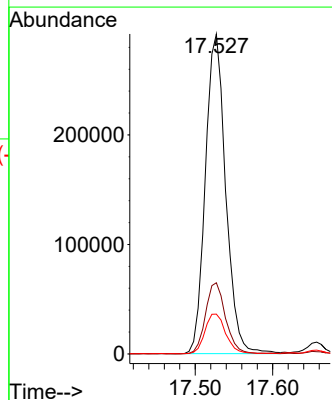
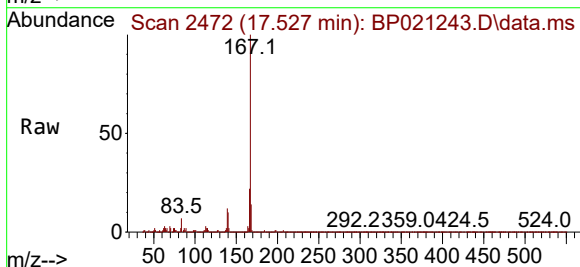
Tgt Ion:167 Resp: 532562

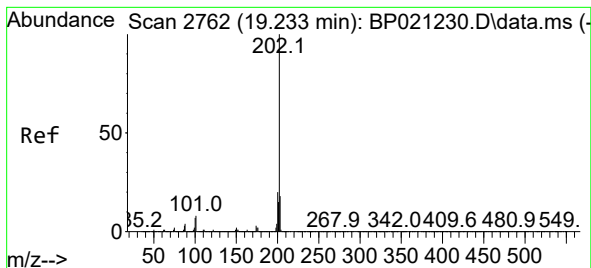
Ion Ratio Lower Upper

167 100

166 22.3 17.3 25.9

139 12.5 10.2 15.2





#80

Fluoranthene

Concen: 3.974 ng/ul

RT: 19.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

Instrument :

BNA_P

ClientSampleId :

C0AZ0

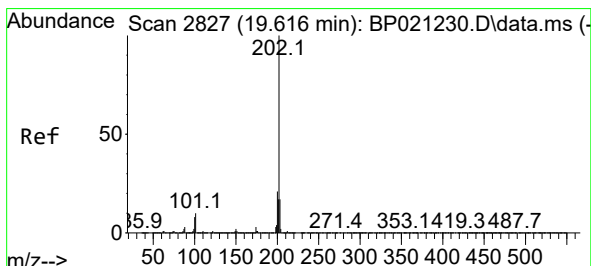
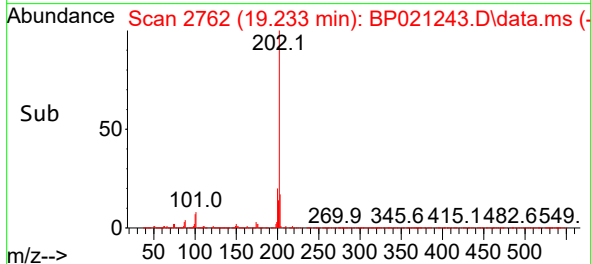
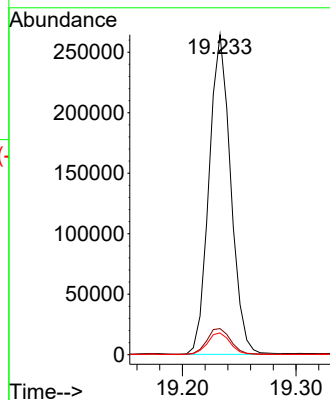
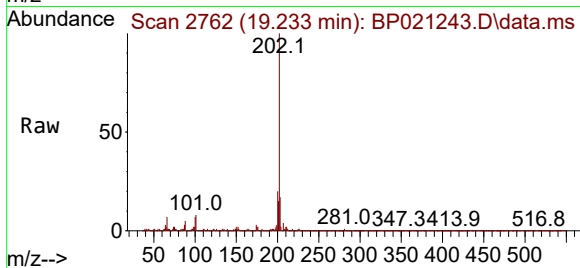
Tgt Ion:202 Resp: 350983

Ion Ratio Lower Upper

202 100

101 8.1 8.0 12.0

100 6.8 6.1 9.1



#82

Pyrene

Concen: 2.668 ng/ul

RT: 19.615 min Scan# 2827

Delta R.T. 0.006 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

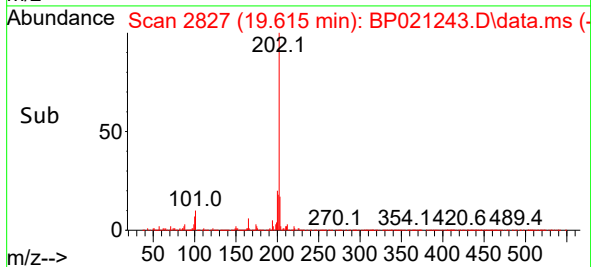
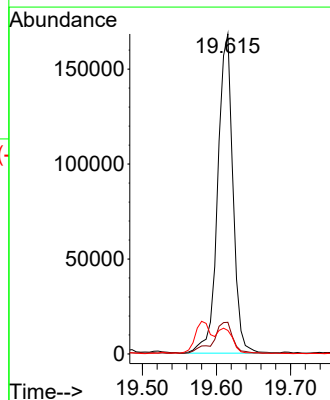
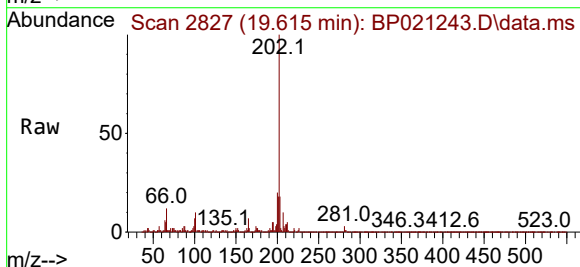
Tgt Ion:202 Resp: 239734

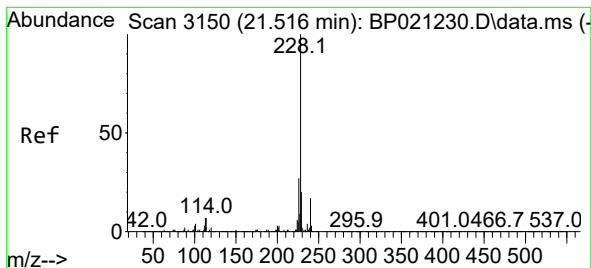
Ion Ratio Lower Upper

202 100

101 9.9 9.4 14.2

100 7.4 7.8 11.6#





#85

Benzo(a)anthracene

Concen: 1.628 ng/ul

RT: 21.521 min Scan# 3151

Delta R.T. 0.012 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

Instrument :

BNA_P

ClientSampleId :

C0AZ0

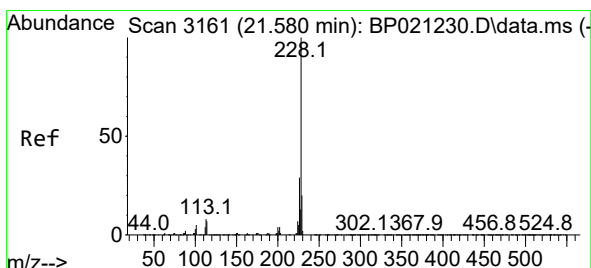
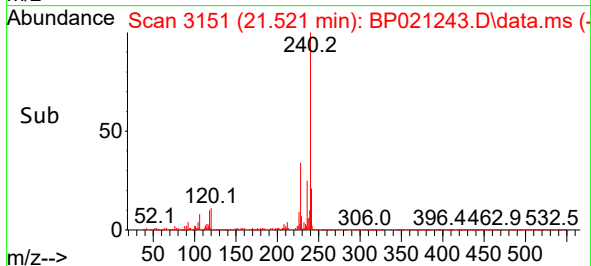
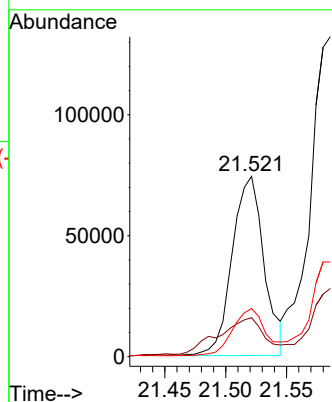
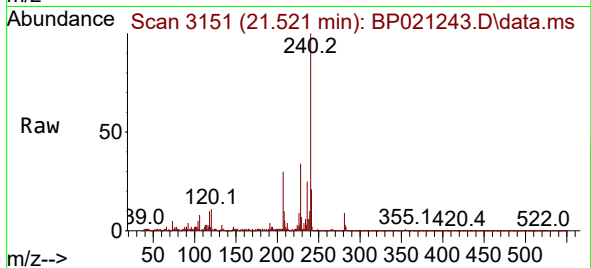
Tgt Ion:228 Resp: 134916

Ion Ratio Lower Upper

228 100

229 21.6 15.5 23.3

226 26.7 21.4 32.2



#87

Chrysene

Concen: 3.014 ng/ul

RT: 21.586 min Scan# 3162

Delta R.T. 0.000 min

Lab File: BP021243.D

Acq: 30 Jul 2024 20:42

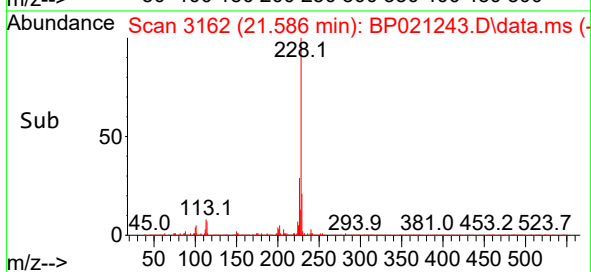
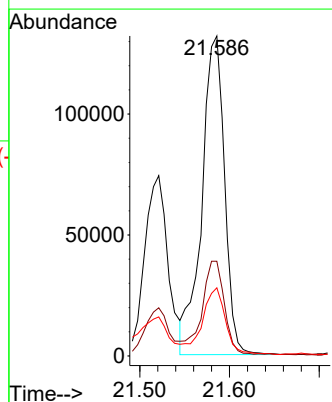
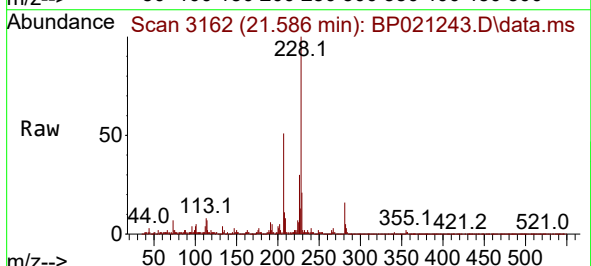
Tgt Ion:228 Resp: 232077

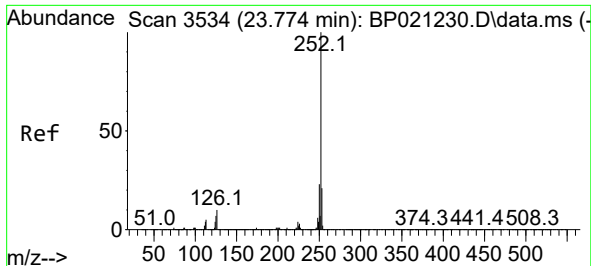
Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 21.3 15.5 23.3

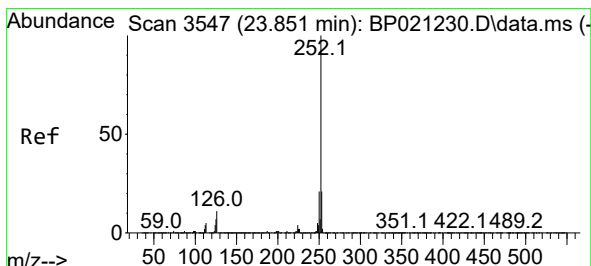
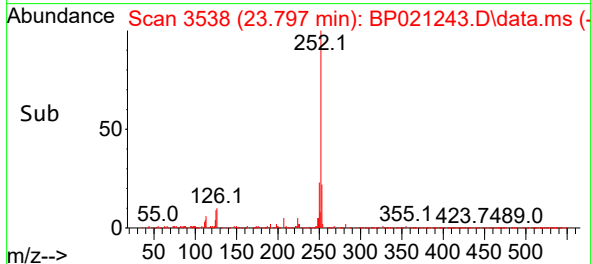
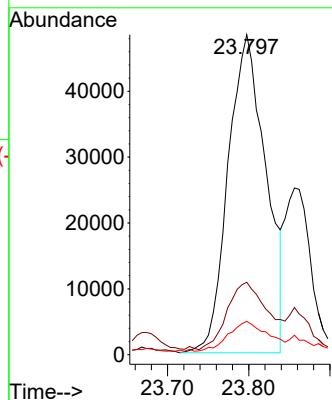
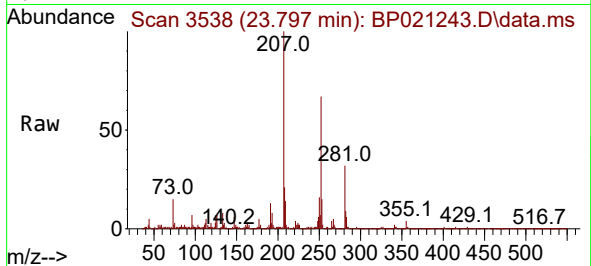




#90
Benzo(b)fluoranthene
Concen: 1.950 ng/ul
RT: 23.797 min Scan# 3538
Delta R.T. 0.012 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

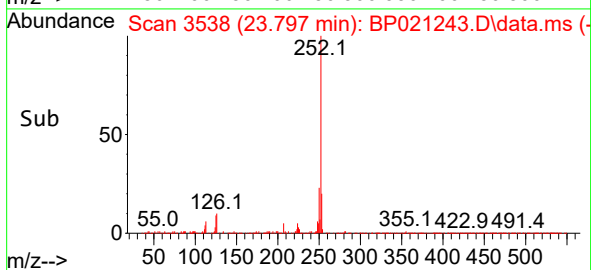
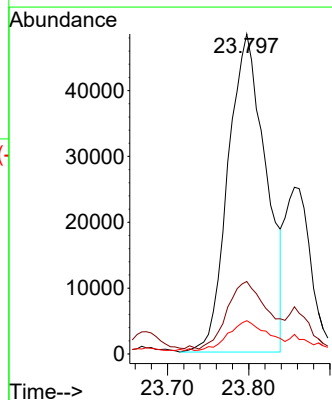
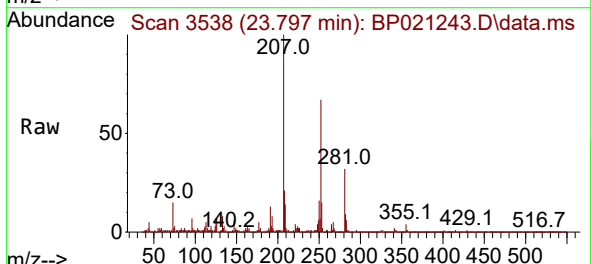
Instrument :
BNA_P
ClientSampleId :
C0AZ0

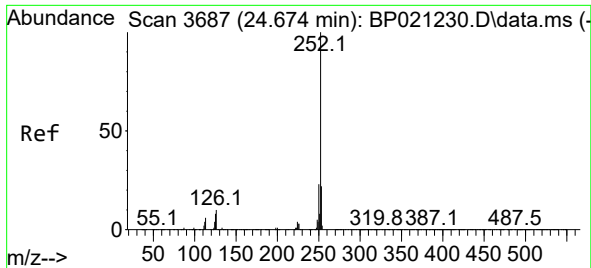
Tgt Ion:252 Resp: 156260
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.4 7.0 10.4



#91
Benzo(k)fluoranthene
Concen: 1.954 ng/ul
RT: 23.797 min Scan# 3538
Delta R.T. -0.053 min
Lab File: BP021243.D
Acq: 30 Jul 2024 20:42

Tgt Ion:252 Resp: 156260
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 10.4 7.4 11.0





#93
 Benzo(a)pyrene
 Concen: 1.274 ng/ul
 RT: 24.680 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BP021243.D
 Acq: 30 Jul 2024 20:42

Instrument :
 BNA_P
 ClientSampleId :
 C0AZ0

Tgt Ion:	252	Resp:	96501
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	8.9	7.7	11.5

