

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021156.D
 Acq On : 25 Jul 2024 21:00
 Operator : MA/JU
 Sample : P3263-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CK4

Quant Time: Jul 25 22:41:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	215123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	777904	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	448386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	941756	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	985693	20.000	ng/ul	0.00
88) Perylene-d12	24.898	264	1268442	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	14204	3.005	ng/uL	0.00
4) Pyridine-d5	3.587	84	88	0.006	ng/ul	-0.01
7) Phenol-d5	6.869	99	286719	16.348	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	175227	16.486	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	242354	16.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	224950	15.443	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	111668	18.482	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	127451	18.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	214986	17.192	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	47523	2.869	ng/ul	0.02
46) Dimethylphthalate-d6	13.699	166	602073	18.471	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	714552	19.523	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	73885	15.932	ng/ul	0.00
60) Fluorene-d10	15.304	176	528977	19.782	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	62641	10.993	ng/ul	0.01
73) Anthracene-d10	17.204	188	825572	19.737	ng/ul	0.00
81) Pyrene-d10	19.592	212	890855	14.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	838054	13.396	ng/ul	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.822	77	18930	2.141	ng/ul	92
30) Naphthalene	10.463	128	70913	1.733	ng/ul	98
36) 2-Methylnaphthalene	12.081	142	34720	1.236	ng/ul	98
50) Acenaphthylene	14.010	152	176039	4.248	ng/ul	99
52) Acenaphthene	14.357	153	60649	2.205	ng/ul	98
56) Dibenzofuran	14.704	168	61173	1.624	ng/ul	99
61) Fluorene	15.357	166	78676	2.560	ng/ul#	98
72) Phenanthrene	17.145	178	1509643	30.901	ng/ul	100
74) Anthracene	17.245	178	366504	7.359	ng/ul	99
77) Carbazole	17.540	167	133154	3.270	ng/ul	97
78) Di-n-butylphthalate	18.110	149	145616	2.592	ng/ul	98
80) Fluoranthene	19.251	202	2703586	36.737	ng/ul	100
82) Pyrene	19.628	202	2119833	28.307	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1509484	21.861	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	77852	1.734	ng/ul#	93
87) Chrysene	21.610	228	1609093	25.079	ng/ul	97
90) Benzo(b)fluoranthene	23.833	252	2223123	28.881	ng/ul#	96
91) Benzo(k)fluoranthene	23.833	252	2223123	28.940	ng/ul	97
93) Benzo(a)pyrene	24.733	252	833528	11.459	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.698	276	499100	5.325	ng/ul	98
95) Dibenzo(a,h)anthracene	28.733	278	171572	2.210	ng/ul#	86

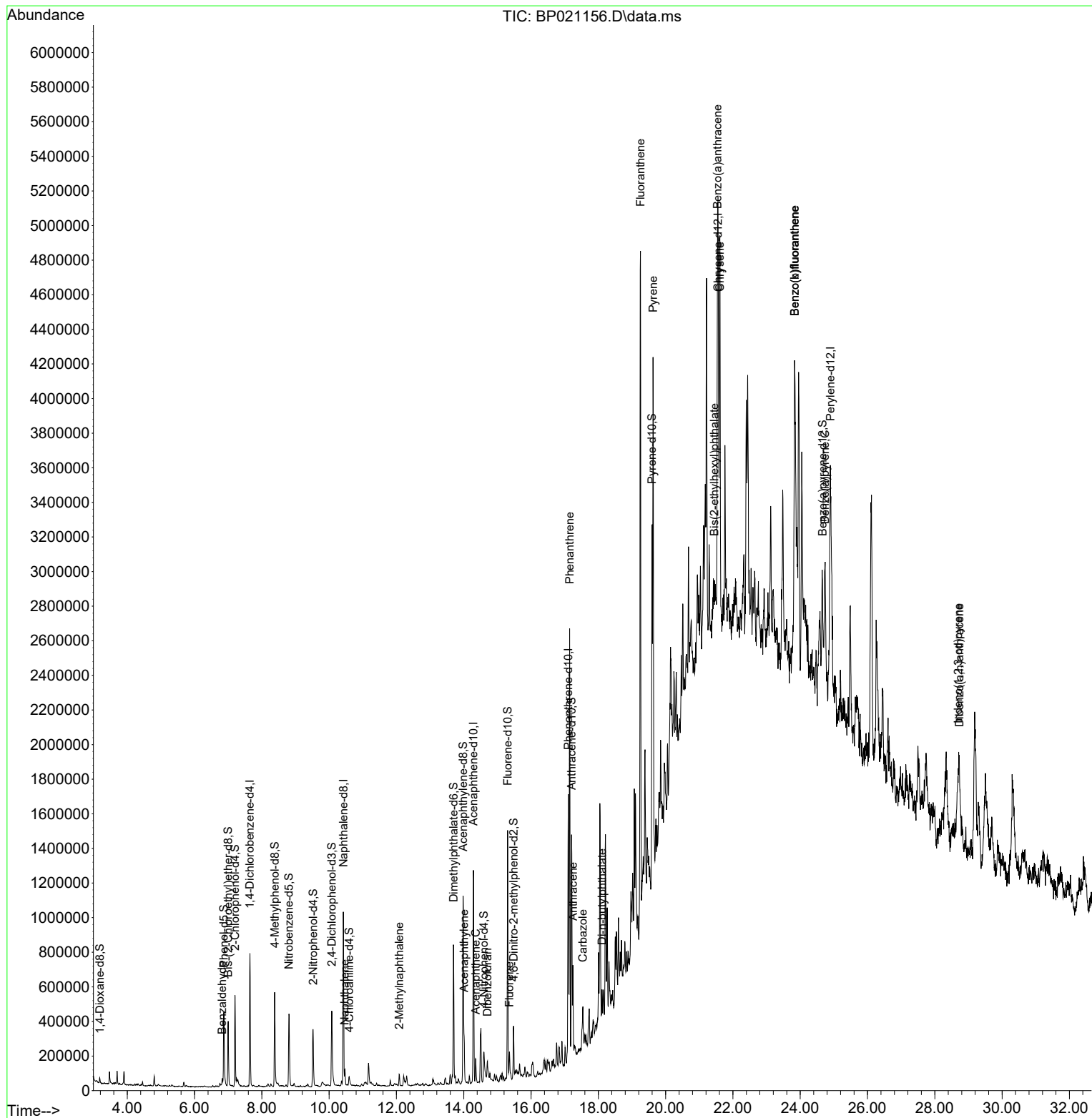
(#) = qualifier out of range (m) = manual integration (+) = signals summed

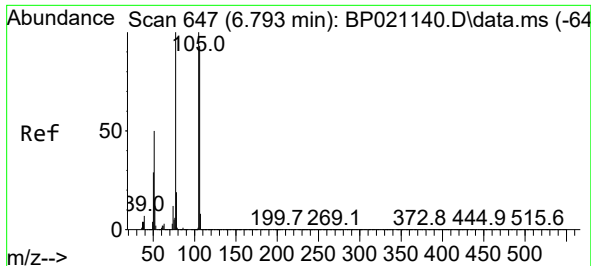
Instrument :
BNA_P
ClientSampleId :
A4CK4

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021156.D
Acq On : 25 Jul 2024 21:00
Operator : MA/JU
Sample : P3263-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CK4

Quant Time: Jul 25 22:41:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

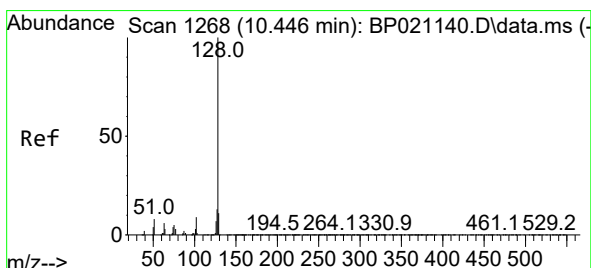
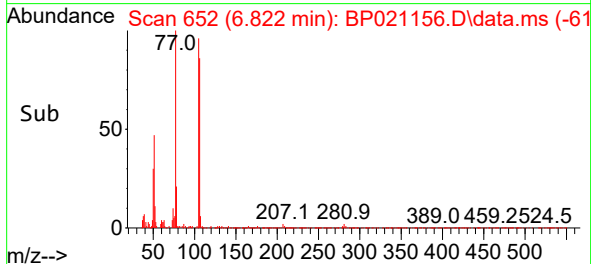
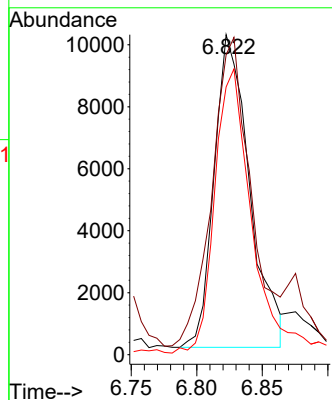
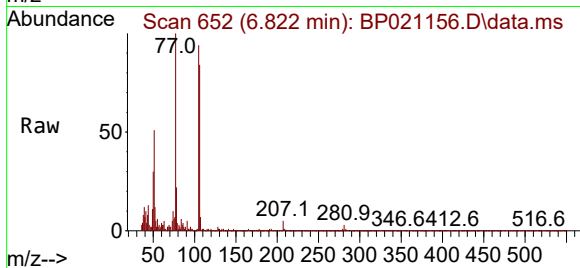




#6
Benzaldehyde
Concen: 2.141 ng/ul
RT: 6.822 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

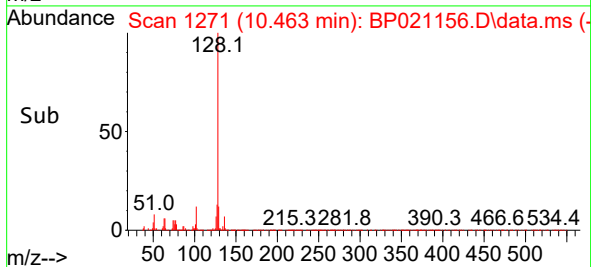
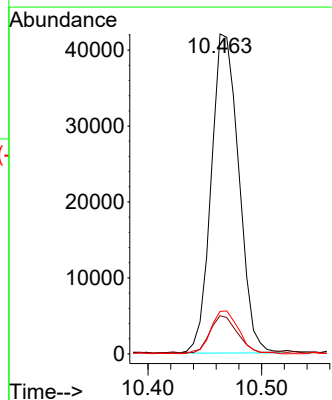
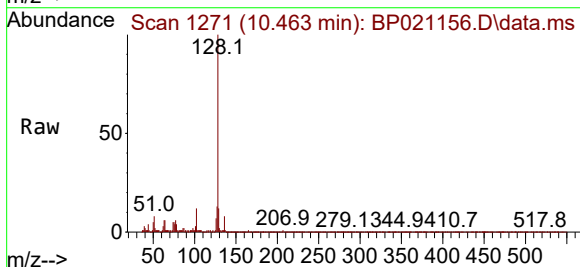
Instrument :
BNA_P
ClientSampleId :
A4CK4

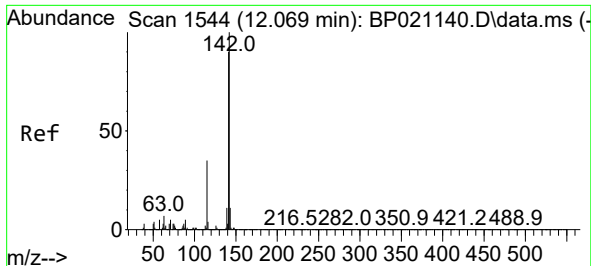
Tgt Ion: 77 Resp: 18930
Ion Ratio Lower Upper
77 100
105 93.7 79.3 118.9
106 83.7 74.6 112.0



#30
Naphthalene
Concen: 1.733 ng/ul
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion: 128 Resp: 70913
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 13.3 10.8 16.2

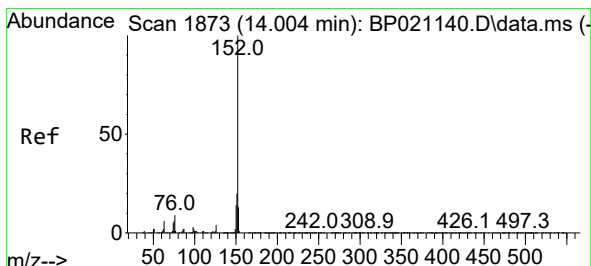
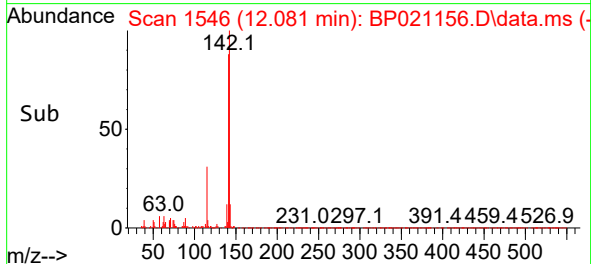
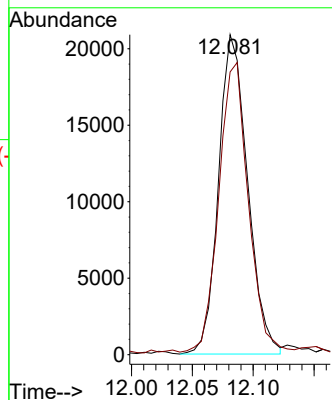
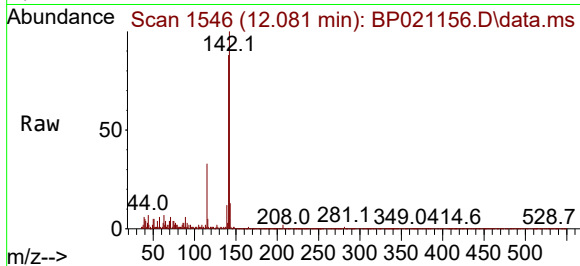




#36
2-Methylnaphthalene
Concen: 1.236 ng/ul
RT: 12.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

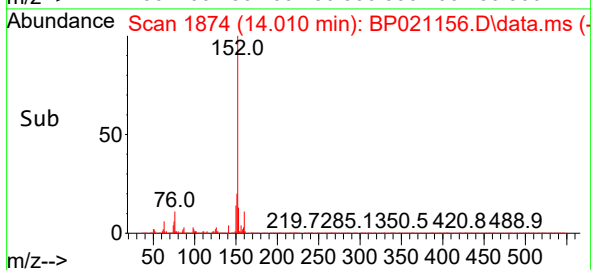
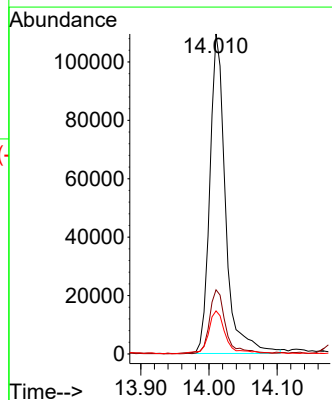
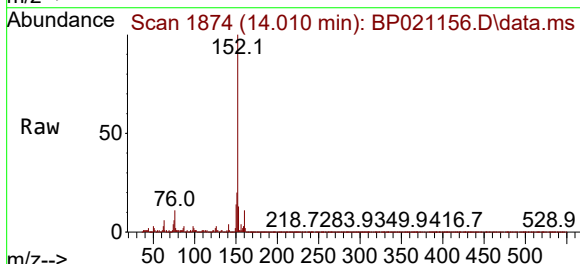
Instrument :
BNA_P
ClientSampleId :
A4CK4

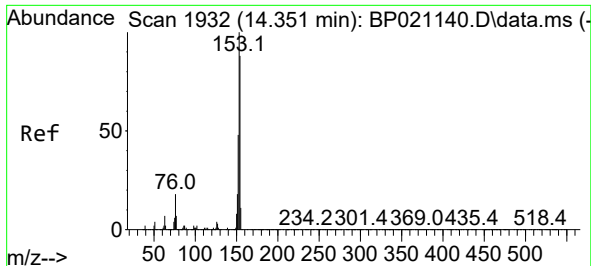
Tgt Ion:142 Resp: 34720
Ion Ratio Lower Upper
142 100
141 88.3 72.6 108.8



#50
Acenaphthylene
Concen: 4.248 ng/ul
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:152 Resp: 176039
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.3 15.5

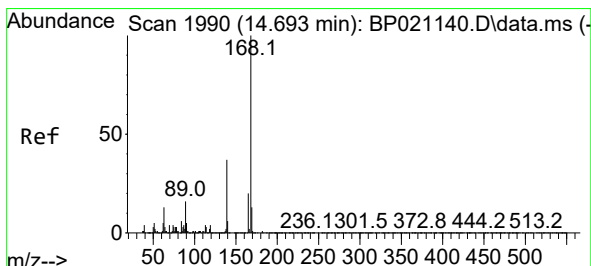
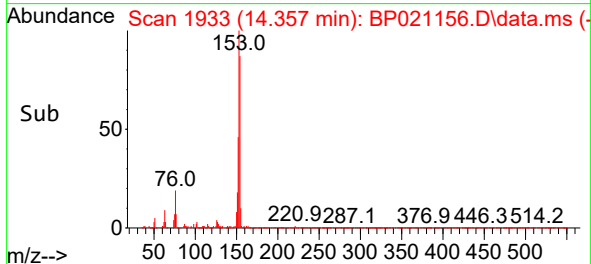
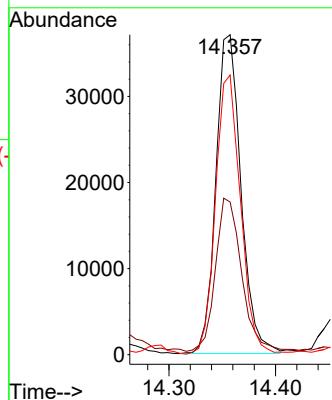
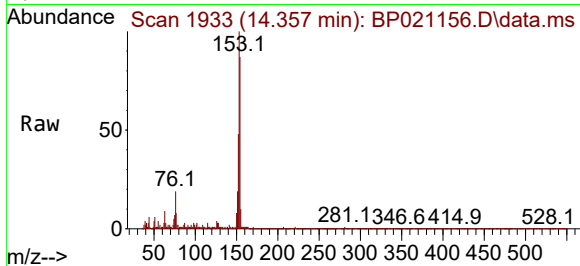




#52
Acenaphthene
Concen: 2.205 ng/ul
RT: 14.357 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

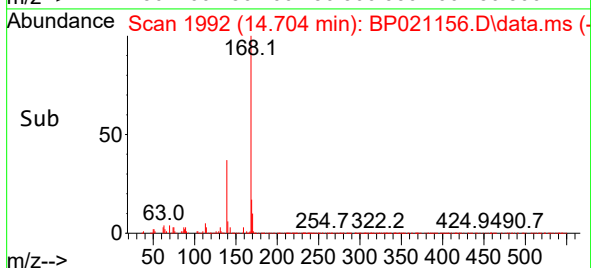
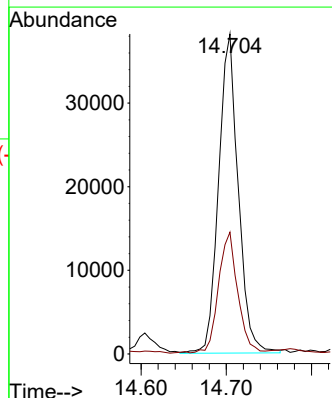
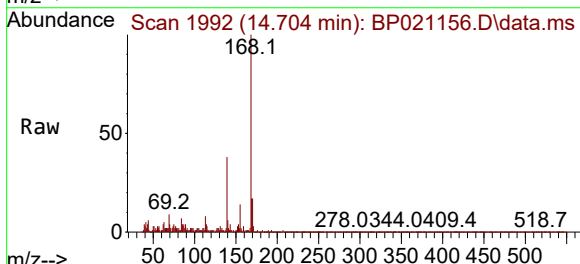
Instrument :
BNA_P
ClientSampleId :
A4CK4

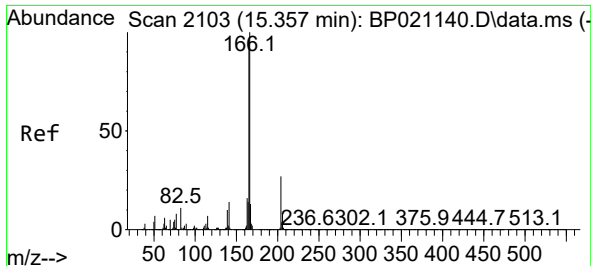
Tgt Ion:153 Resp: 60649
Ion Ratio Lower Upper
153 100
152 47.7 37.8 56.6
154 87.4 71.8 107.6



#56
Dibenzofuran
Concen: 1.624 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:168 Resp: 61173
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7

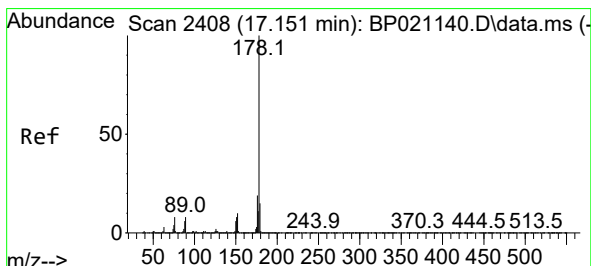
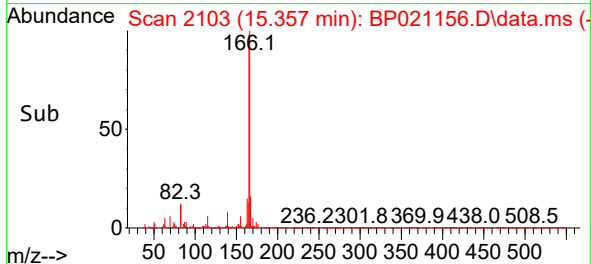
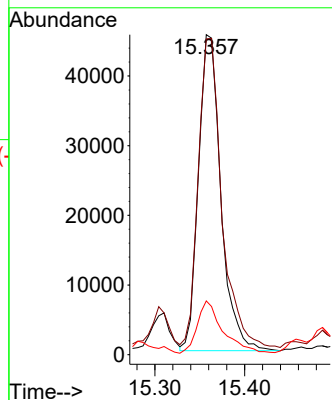
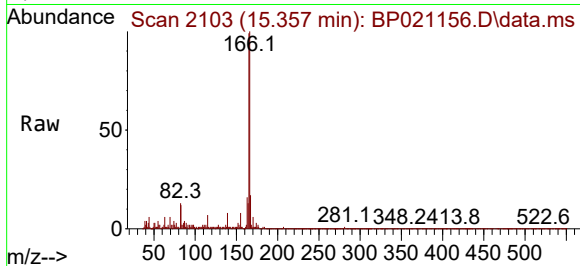




#61
Fluorene
Concen: 2.560 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

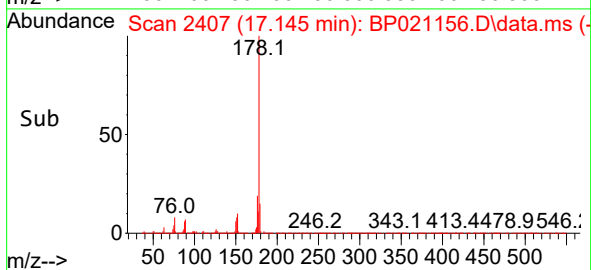
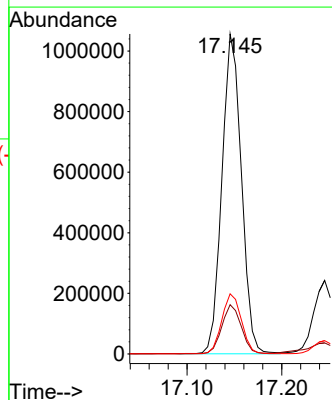
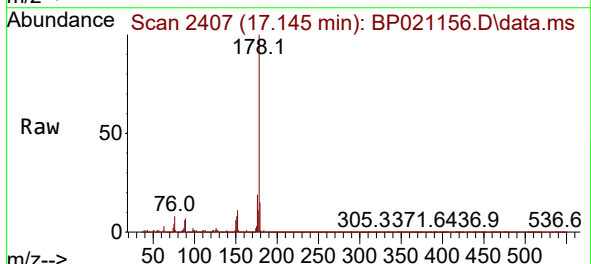
Instrument :
BNA_P
ClientSampleId :
A4CK4

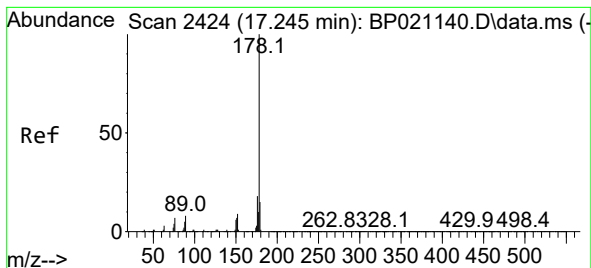
Tgt Ion:166 Resp: 78676
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 16.8 10.9 16.3#



#72
Phenanthrene
Concen: 30.901 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:178 Resp: 1509643
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.8 15.0 22.4





#74

Anthracene

Concen: 7.359 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. 0.006 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

A4CK4

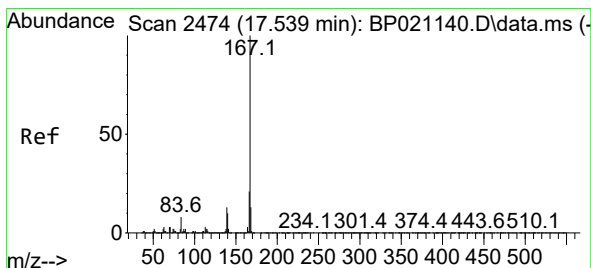
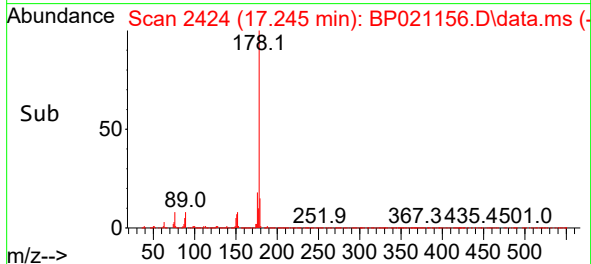
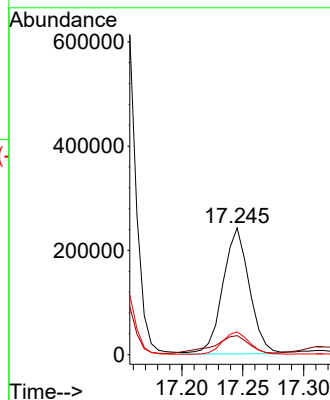
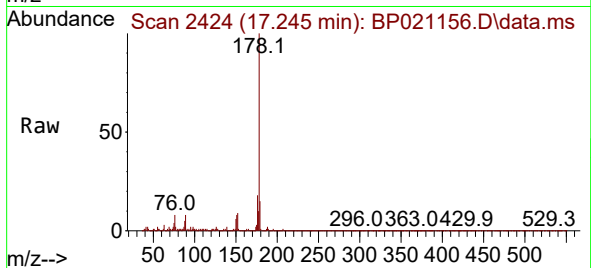
Tgt Ion:178 Resp: 366504

Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.1 14.8 22.2



#77

Carbazole

Concen: 3.270 ng/ul

RT: 17.540 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

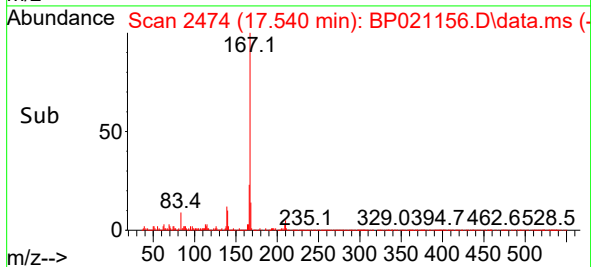
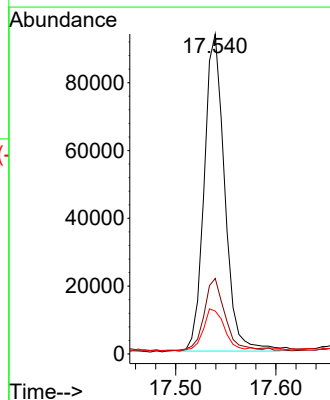
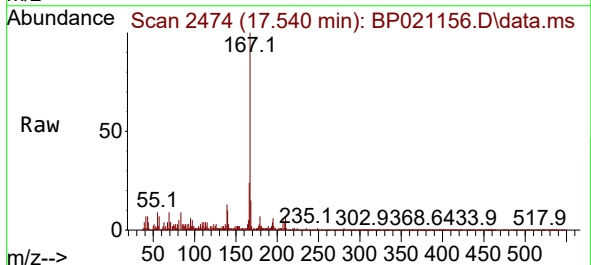
Tgt Ion:167 Resp: 133154

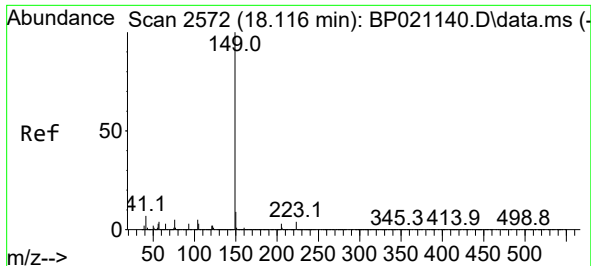
Ion Ratio Lower Upper

167 100

166 23.6 17.3 25.9

139 13.4 10.2 15.2

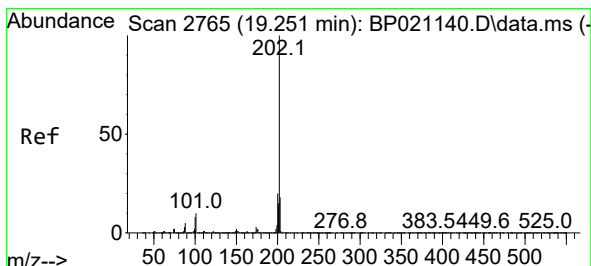
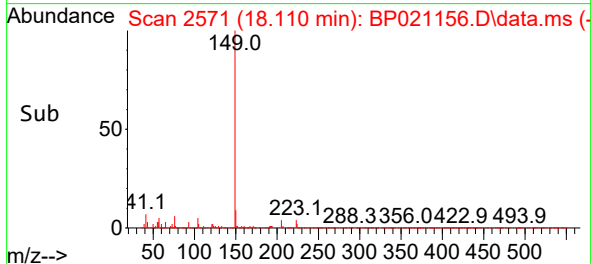
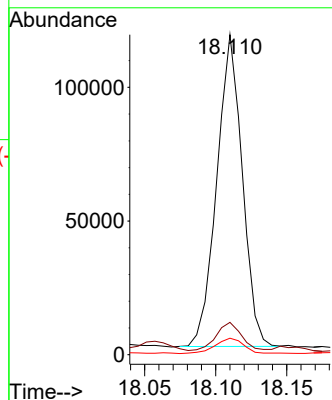
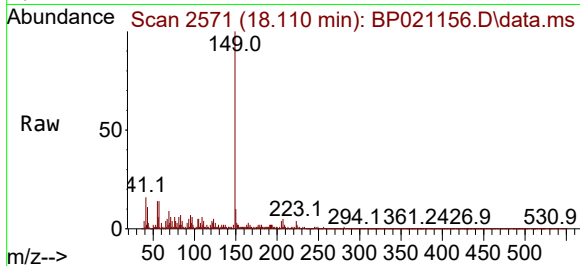




#78
Di-n-butylphthalate
Concen: 2.592 ng/ul
RT: 18.110 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

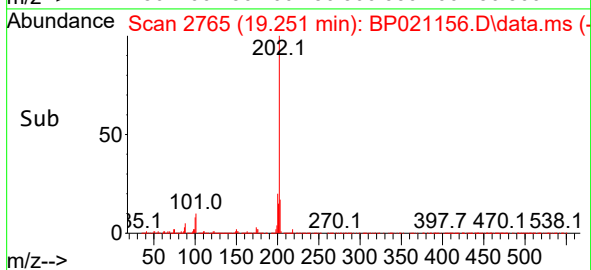
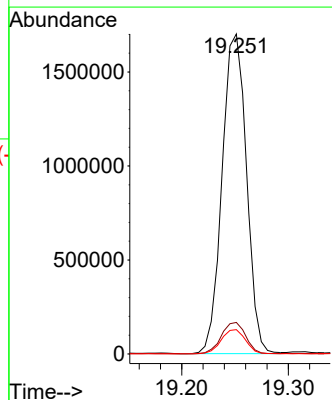
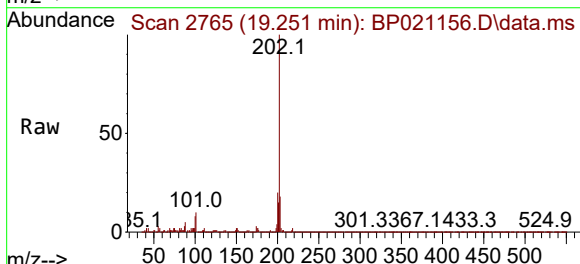
Instrument :
BNA_P
ClientSampleId :
A4CK4

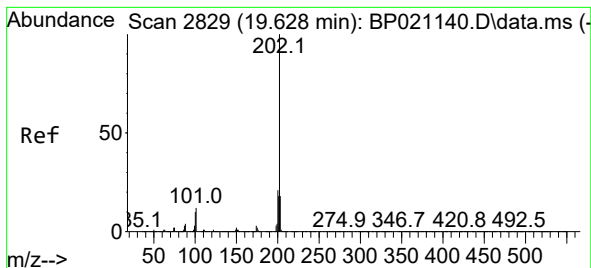
Tgt Ion:149 Resp: 145616
Ion Ratio Lower Upper
149 100
150 10.1 7.4 11.0
104 5.2 3.9 5.9



#80
Fluoranthene
Concen: 36.737 ng/ul
RT: 19.251 min Scan# 2765
Delta R.T. 0.006 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:202 Resp: 2703586
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 7.6 6.1 9.1





#82

Pyrene

Concen: 28.307 ng/ul

RT: 19.628 min Scan# 211833

Delta R.T. 0.012 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

A4CK4

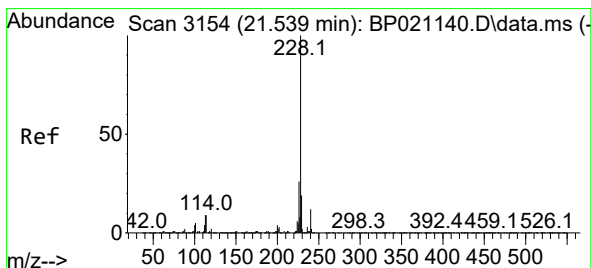
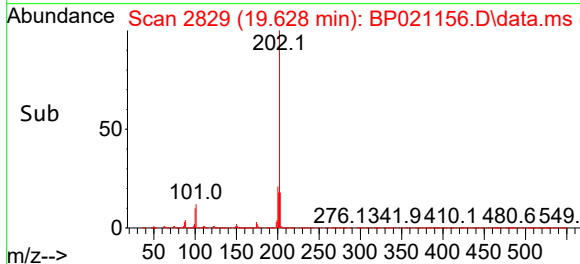
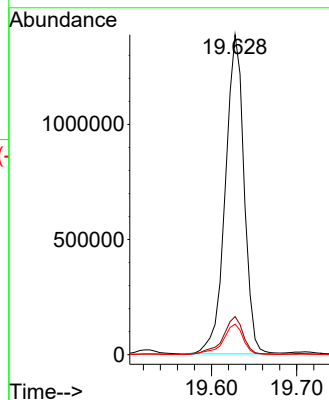
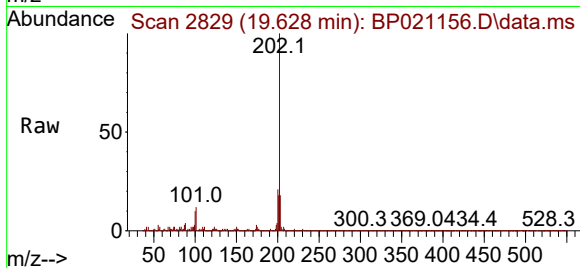
Tgt Ion:202 Resp: 2119833

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

100 9.6 7.8 11.6



#85

Benzo(a)anthracene

Concen: 21.861 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

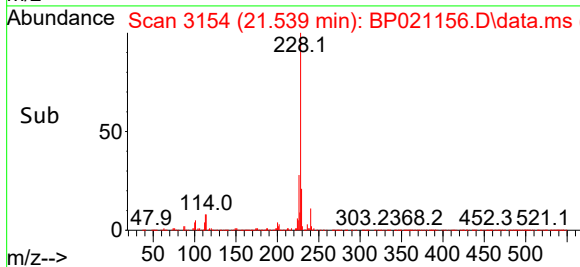
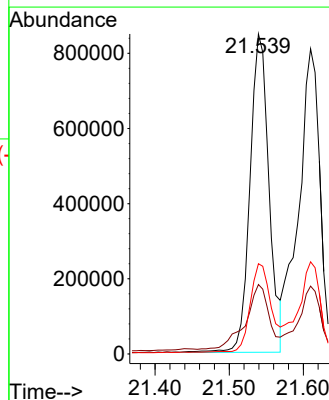
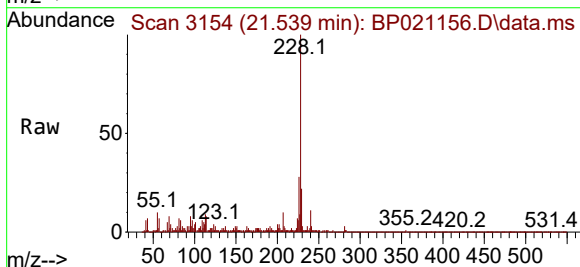
Tgt Ion:228 Resp: 1509484

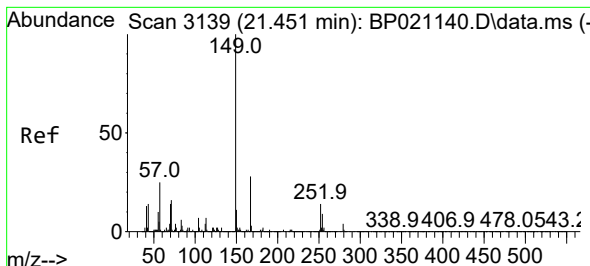
Ion Ratio Lower Upper

228 100

229 21.7 15.5 23.3

226 28.2 21.4 32.2

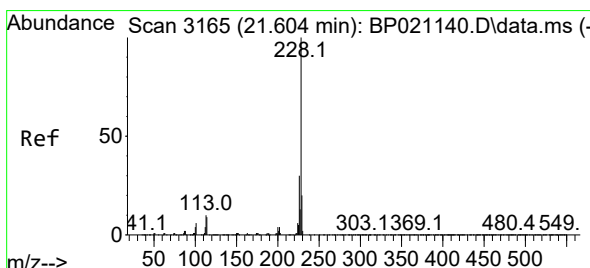
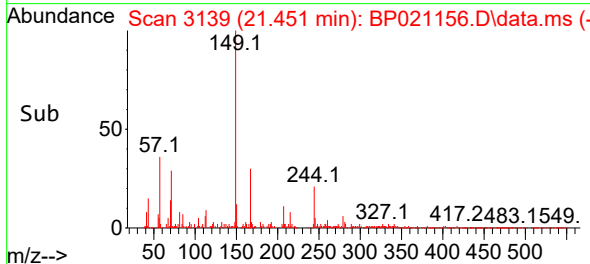
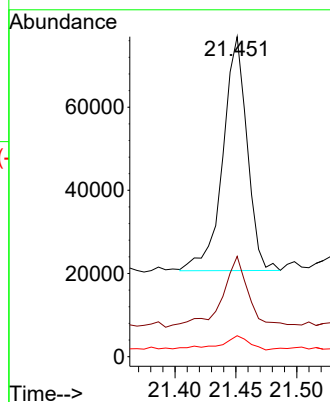
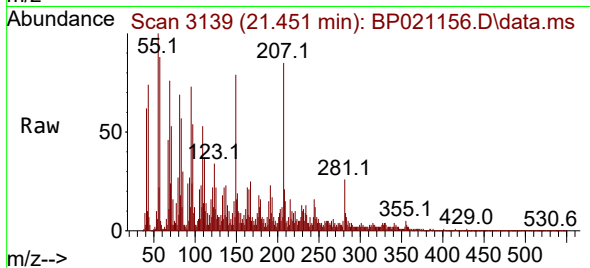




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.734 ng/ul
 RT: 21.451 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: BP021156.D
 Acq: 25 Jul 2024 21:00

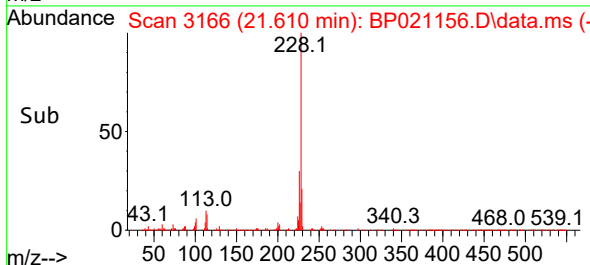
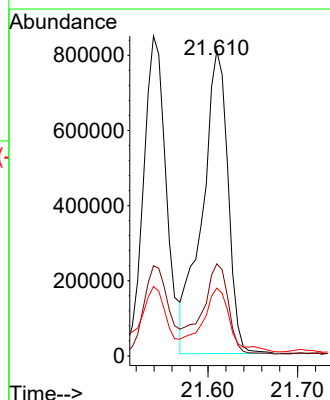
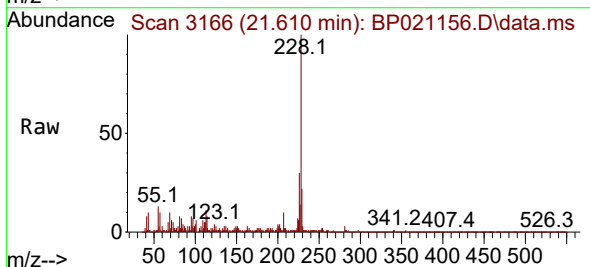
Instrument :
 BNA_P
 ClientSampleId :
 A4CK4

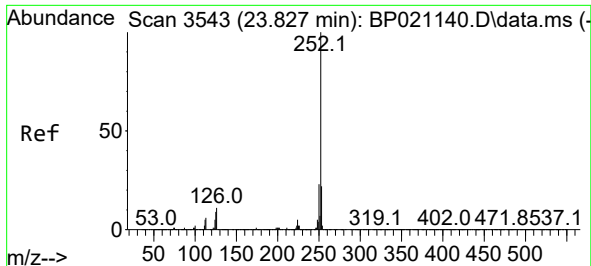
Tgt Ion:149 Resp: 77852
 Ion Ratio Lower Upper
 149 100
 167 31.4 22.1 33.1
 279 6.5 3.7 5.5#



#87
 Chrysene
 Concen: 25.079 ng/ul
 RT: 21.610 min Scan# 3166
 Delta R.T. 0.006 min
 Lab File: BP021156.D
 Acq: 25 Jul 2024 21:00

Tgt Ion:228 Resp: 1609093
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.6 35.4
 229 22.2 15.5 23.3

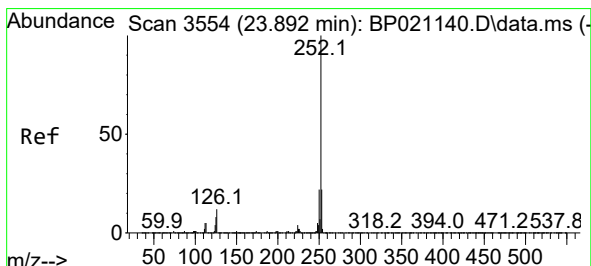
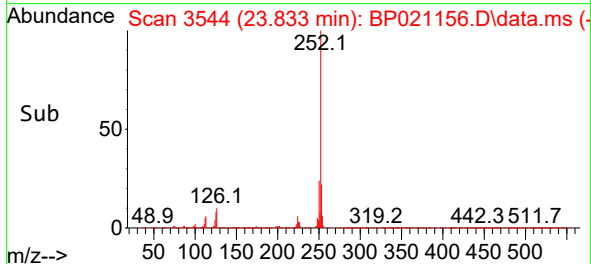
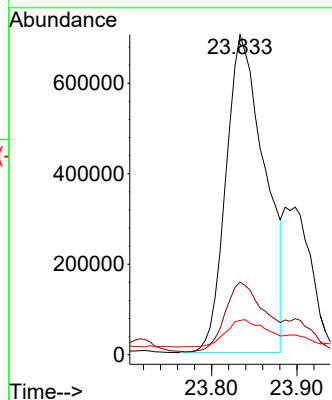
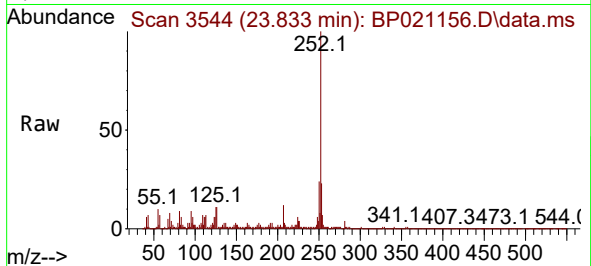




#90
Benzo(b)fluoranthene
Concen: 28.881 ng/ul
RT: 23.833 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

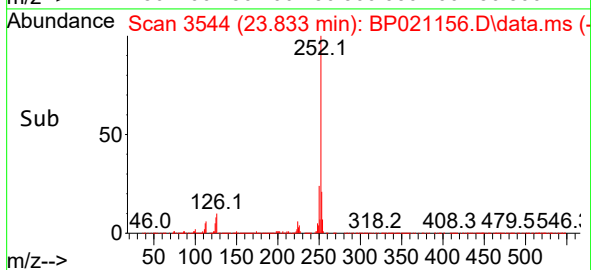
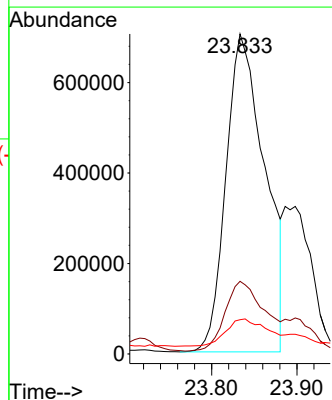
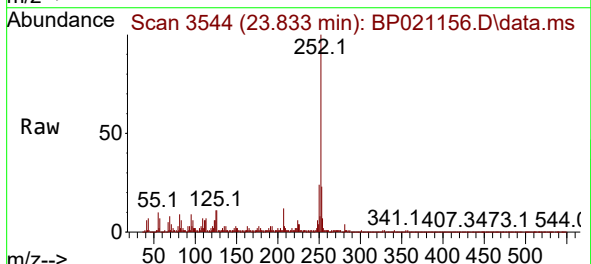
Instrument :
BNA_P
ClientSampleId :
A4CK4

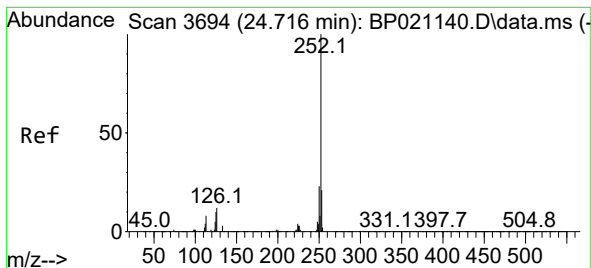
Tgt Ion:252 Resp: 2223123
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.7 7.0 10.4#



#91
Benzo(k)fluoranthene
Concen: 28.940 ng/ul
RT: 23.833 min Scan# 3544
Delta R.T. -0.053 min
Lab File: BP021156.D
Acq: 25 Jul 2024 21:00

Tgt Ion:252 Resp: 2223123
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 11.459 ng/ul

RT: 24.733 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

A4CK4

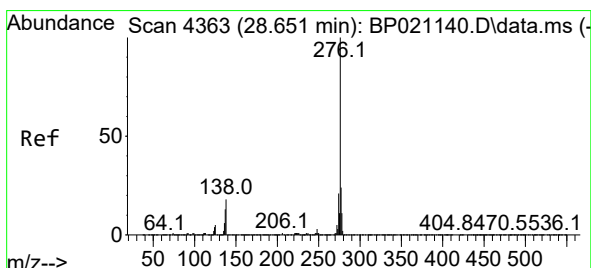
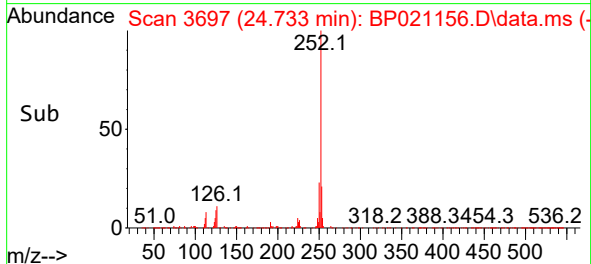
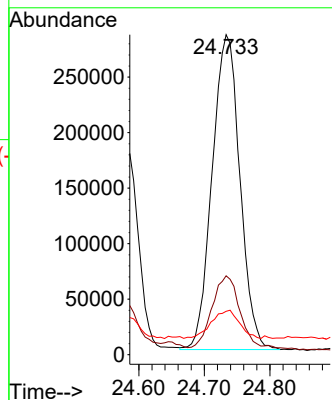
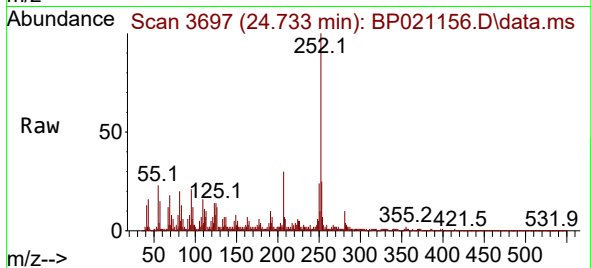
Tgt Ion:252 Resp: 833528

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.0

125 13.6 7.7 11.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.325 ng/ul

RT: 28.698 min Scan# 4371

Delta R.T. 0.059 min

Lab File: BP021156.D

Acq: 25 Jul 2024 21:00

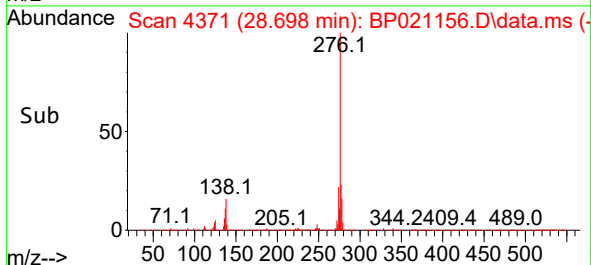
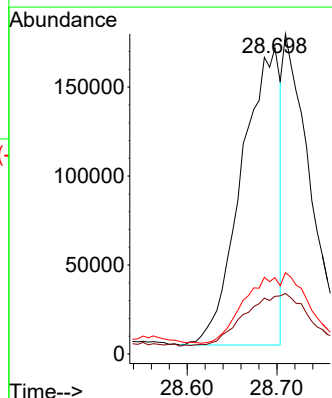
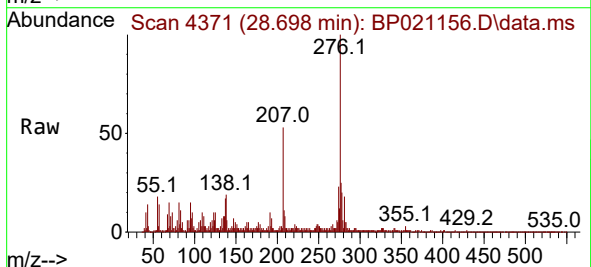
Tgt Ion:276 Resp: 499100

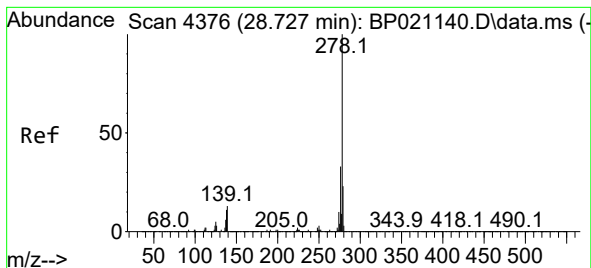
Ion Ratio Lower Upper

276 100

138 18.8 14.3 21.5

277 25.0 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 2.210 ng/ul

RT: 28.733 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP021156.D

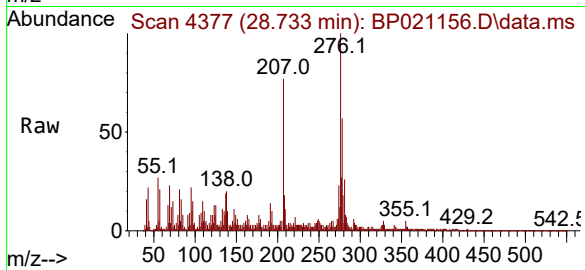
Acq: 25 Jul 2024 21:00

Instrument :

BNA_P

ClientSampleId :

A4CK4



Tgt Ion:278 Resp: 171572

Ion Ratio Lower Upper

278 100

139 18.1 10.9 16.3#

279 32.0 19.4 29.0#

