

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015676.D
 Acq On : 23 Jun 2023 17:46
 Operator : MA/JU
 Sample : 03084-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN1

Quant Time: Jun 23 22:36:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

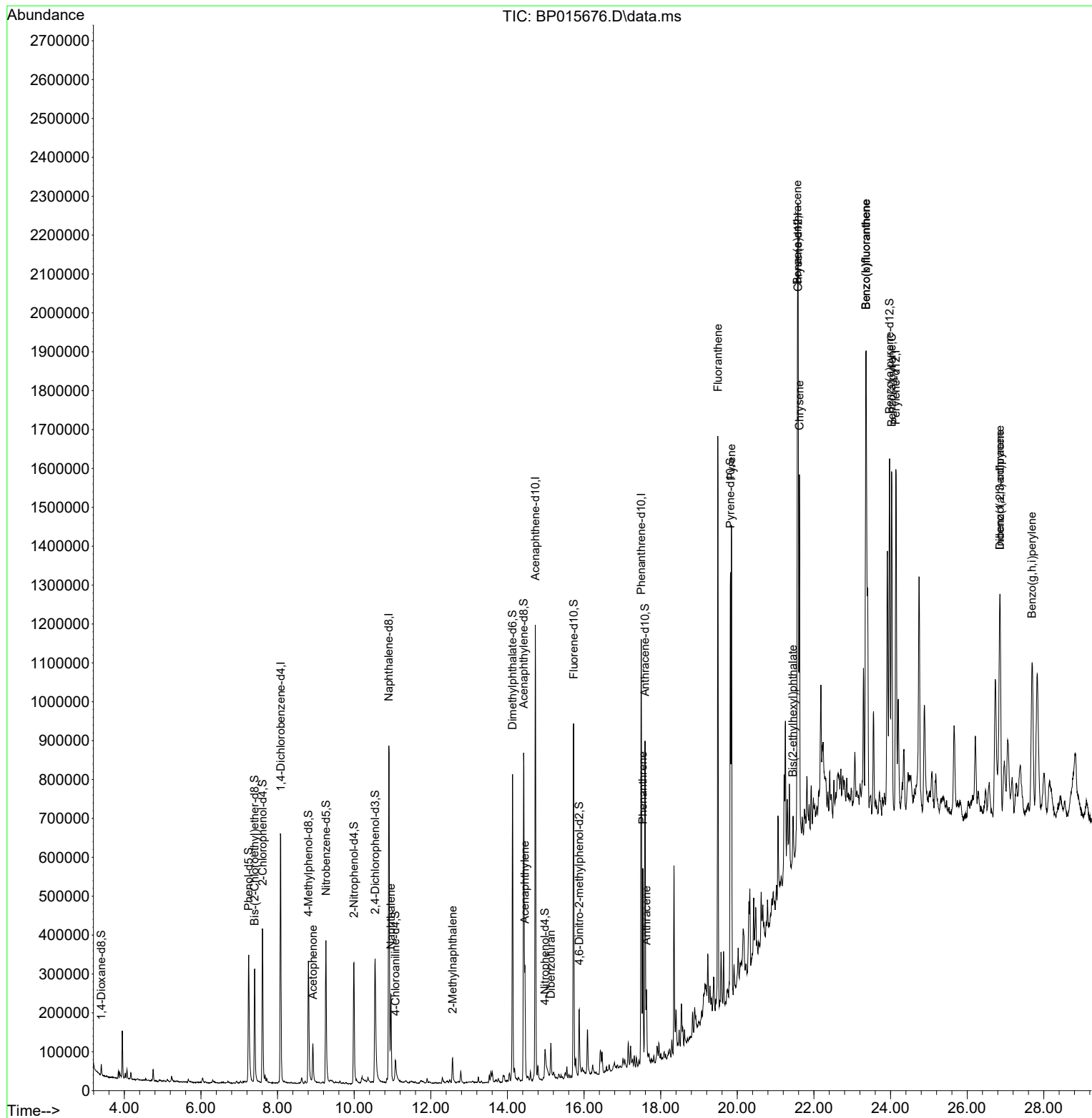
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	172907	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	692841	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	376611	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	633169	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	565915	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	733438	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	12187	2.610	ng/uL	0.00
4) Pyridine-d5	3.875	84	8134	0.671	ng/ul	0.04
7) Phenol-d5	7.246	99	206195	12.944	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	143142	15.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	177981	15.411	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	137132	10.489	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	85603	15.737	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	98785	15.903	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	153177	13.518	ng/ul	0.01
31) 4-Chloroaniline-d4	11.075	131	42988	2.643	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	495518	16.685	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	543660	16.742	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	33618	6.321	ng/ul	0.03
60) Fluorene-d10	15.728	176	370348	14.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	40805	10.173	ng/ul	0.01
73) Anthracene-d10	17.592	188	462600	16.058	ng/ul	0.00
81) Pyrene-d10	19.822	212	518237	17.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	594753	16.161	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.922	105	55955	2.682	ng/ul	97
30) Naphthalene	10.957	128	168985	4.501	ng/ul	99
36) 2-Methylnaphthalene	12.569	142	34344	1.301	ng/ul	93
50) Acenaphthylene	14.457	152	203544	5.660	ng/ul	99
56) Dibenzofuran	15.134	168	44306	1.258	ng/ul	95
72) Phenanthrene	17.534	178	284091	8.361	ng/ul	100
74) Anthracene	17.628	178	118096	3.425	ng/ul	99
80) Fluoranthene	19.492	202	848749	23.005	ng/ul	99
82) Pyrene	19.845	202	705684	18.488	ng/ul	99
85) Benzo(a)anthracene	21.569	228	564191	14.261	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	29351	1.177	ng/ul#	97
87) Chrysene	21.622	228	564128	15.086	ng/ul	95
90) Benzo(b)fluoranthene	23.357	252	1037147	21.907	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	1037147	22.662	ng/ul	98
93) Benzo(a)pyrene	24.027	252	678250	16.432	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	638979	11.962	ng/ul	95
95) Dibenzo(a,h)anthracene	26.857	278	171395	3.938	ng/ul#	79
96) Benzo(g,h,i)perylene	27.692	276	577795	13.125	ng/ul	97

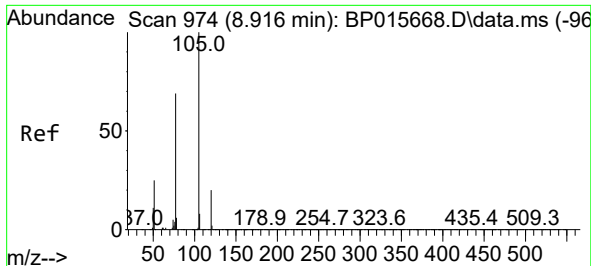
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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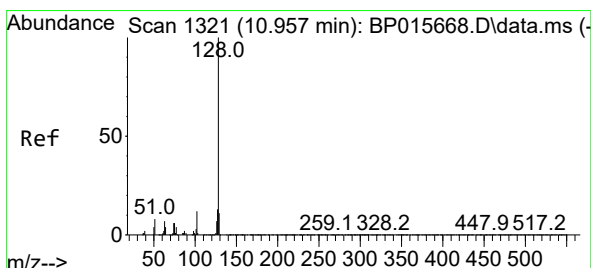
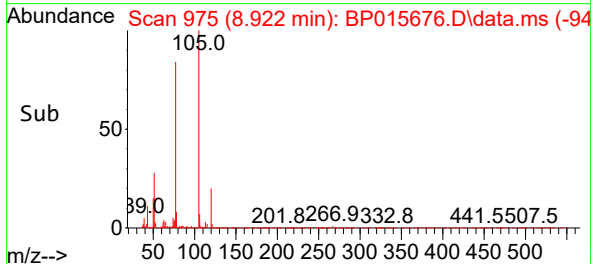
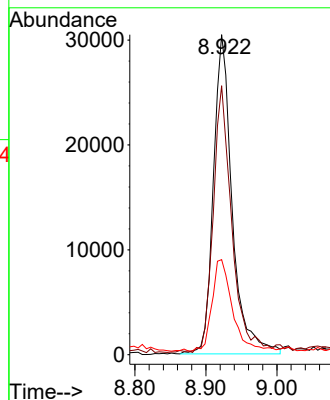
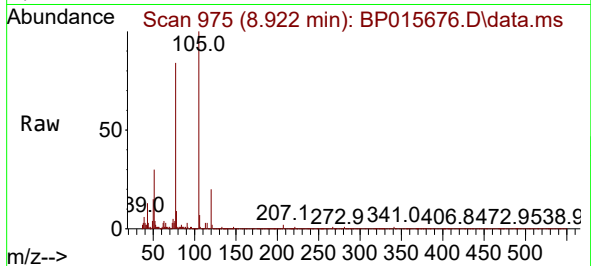




#16
Acetophenone
Concen: 2.682 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

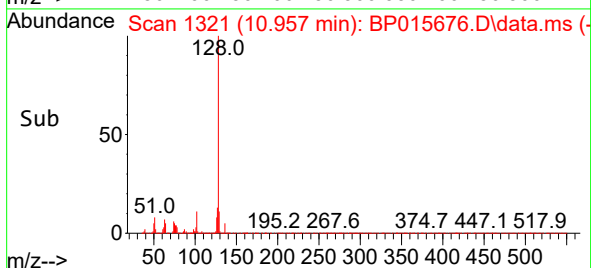
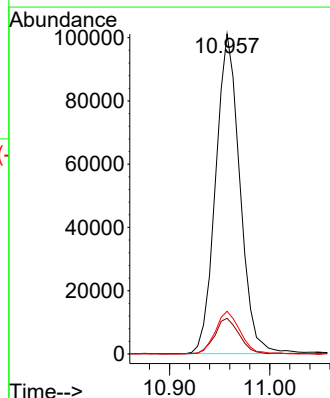
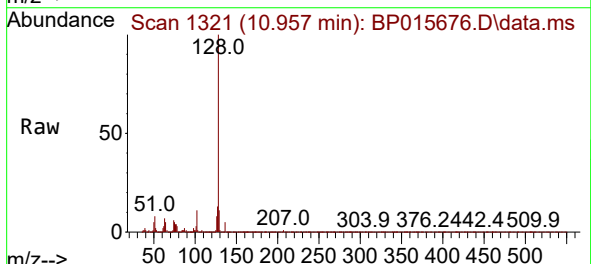
Instrument :
BNA_P
ClientSampleId :
DCFN1

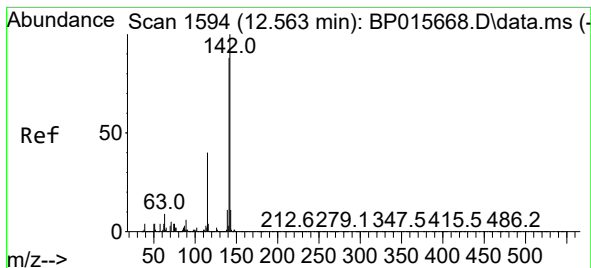
Tgt Ion:105 Resp: 55955
Ion Ratio Lower Upper
105 100
77 84.0 64.9 97.3
51 29.7 23.5 35.3



#30
Naphthalene
Concen: 4.501 ng/ul
RT: 10.957 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

Tgt Ion:128 Resp: 168985
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.5 15.7

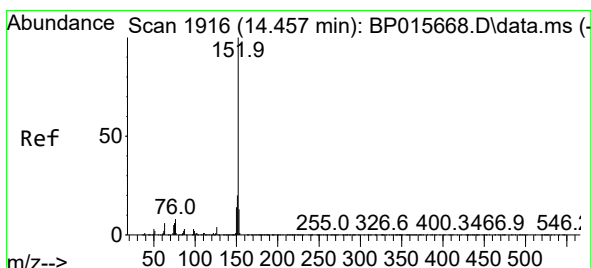
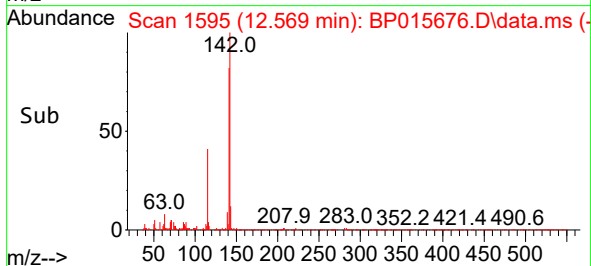
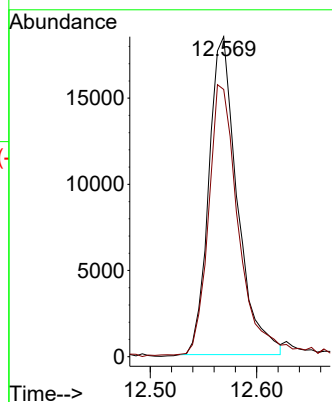
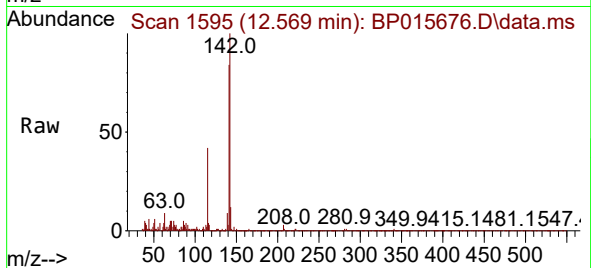




#36
2-Methylnaphthalene
Concen: 1.301 ng/ul
RT: 12.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

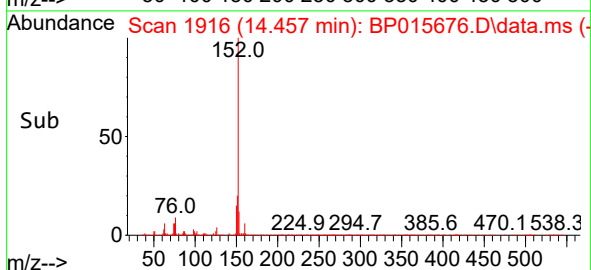
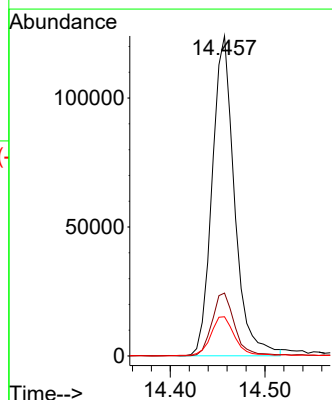
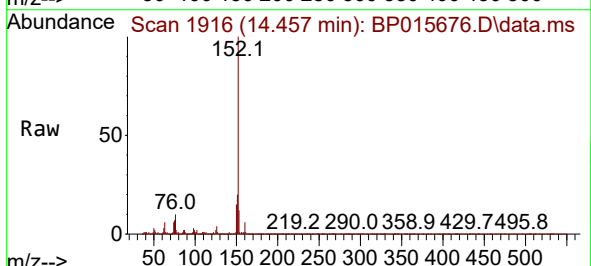
Instrument :
BNA_P
ClientSampleId :
DCFN1

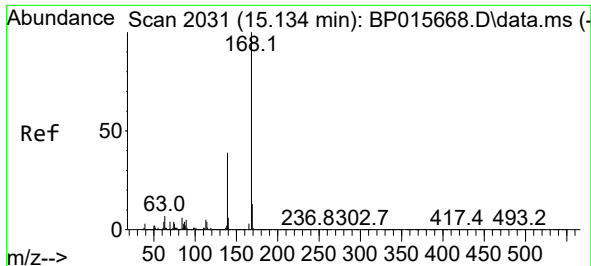
Tgt Ion:142 Resp: 34344
Ion Ratio Lower Upper
142 100
141 83.5 72.0 108.0



#50
Acenaphthylene
Concen: 5.660 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

Tgt Ion:152 Resp: 203544
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 12.3 10.6 15.8

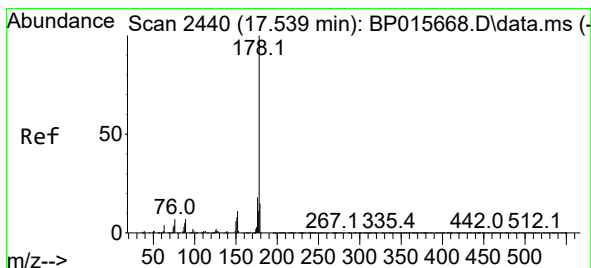
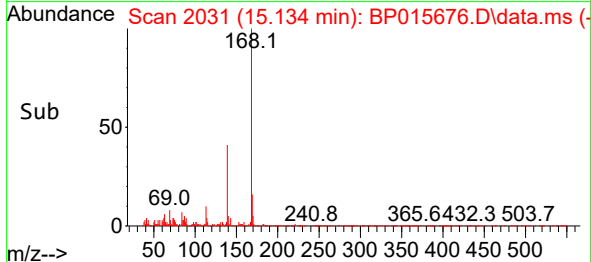
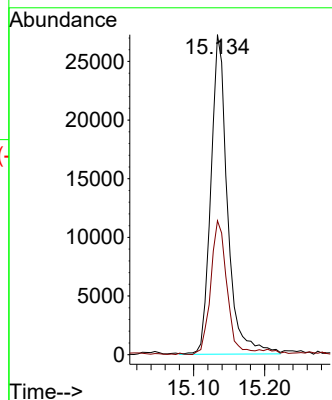
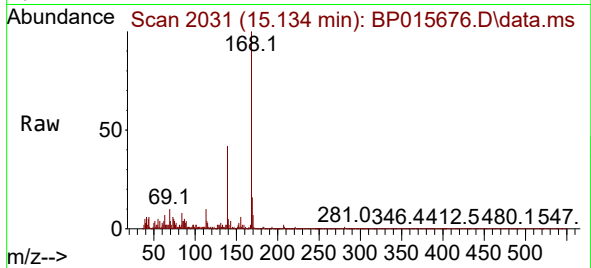




#56
Dibenzenofuran
Concen: 1.258 ng/ul
RT: 15.134 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

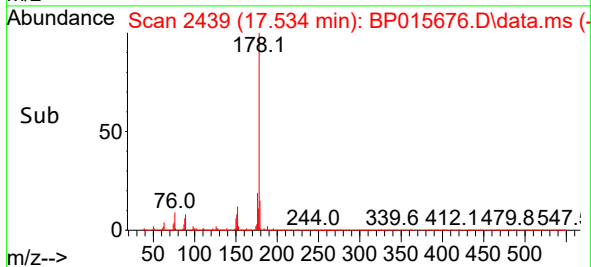
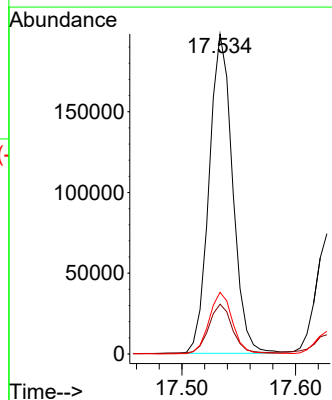
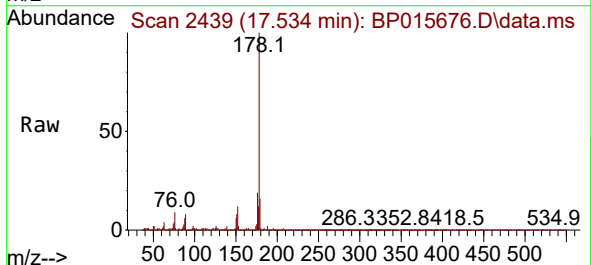
Instrument :
BNA_P
ClientSampleId :
DCFN1

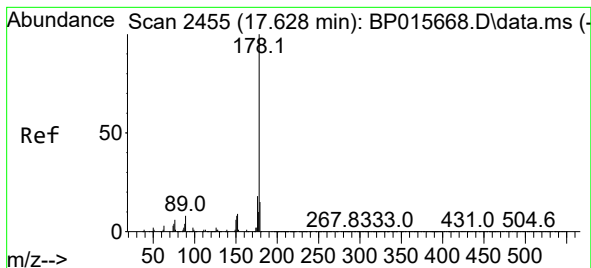
Tgt Ion:168 Resp: 44306
Ion Ratio Lower Upper
168 100
139 41.9 31.2 46.8



#72
Phenanthrene
Concen: 8.361 ng/ul
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

Tgt Ion:178 Resp: 284091
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.4 23.0





#74

Anthracene

Concen: 3.425 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

Instrument :

BNA_P

ClientSampleId :

DCFN1

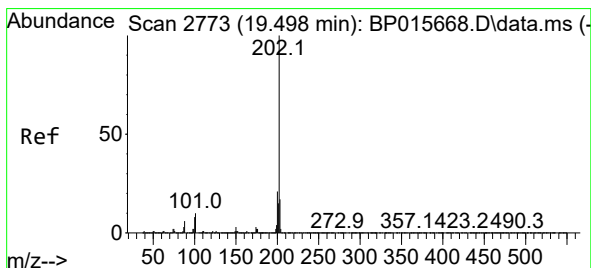
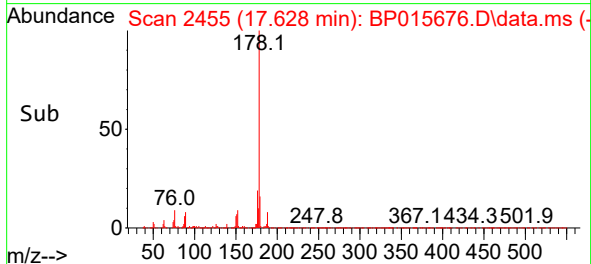
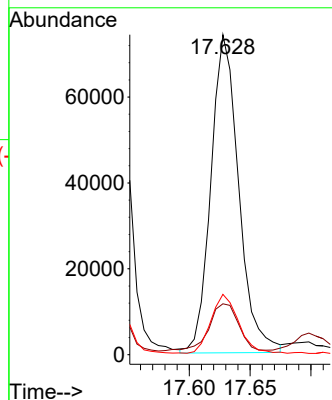
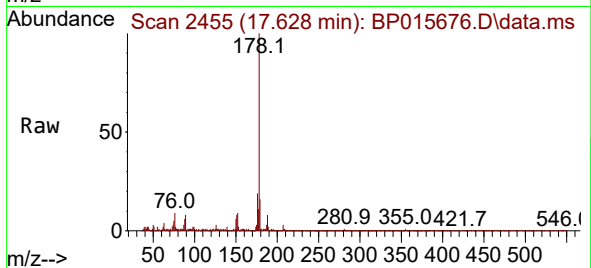
Tgt Ion:178 Resp: 118096

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 18.8 15.0 22.4



#80

Fluoranthene

Concen: 23.005 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

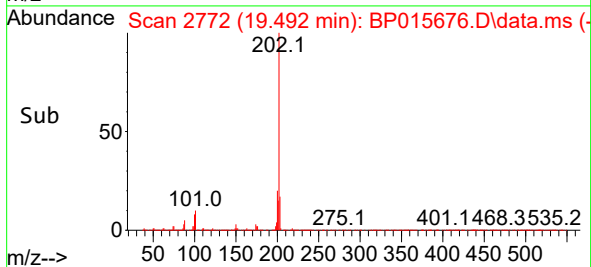
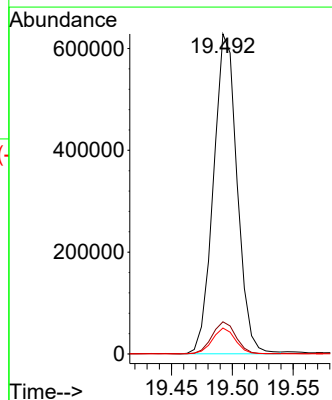
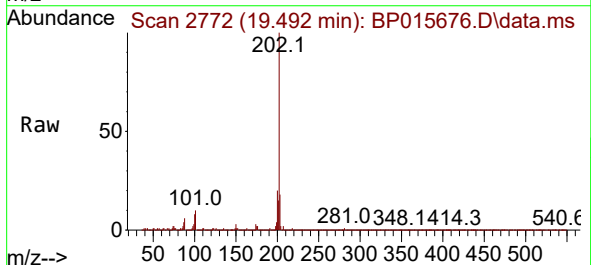
Tgt Ion:202 Resp: 848749

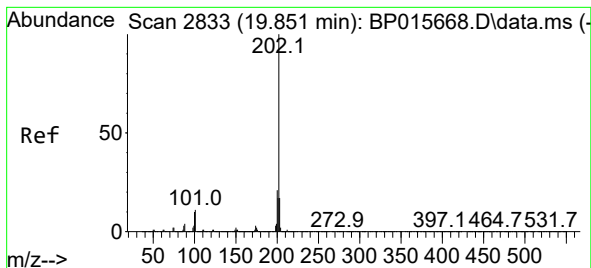
Ion Ratio Lower Upper

202 100

101 10.0 8.6 13.0

100 8.1 6.6 9.8





#82

Pyrene

Concen: 18.488 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

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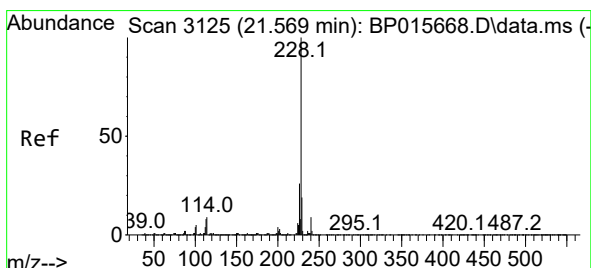
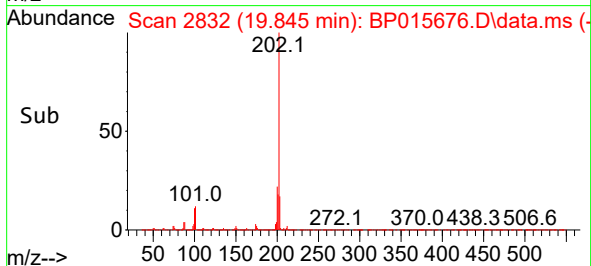
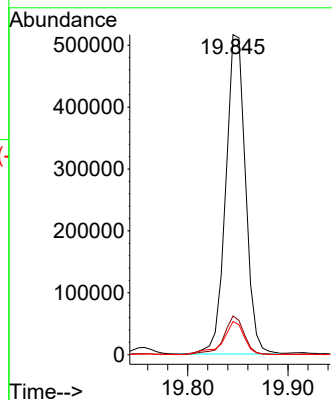
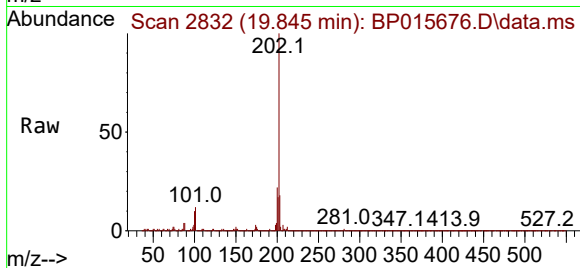
Tgt Ion:202 Resp: 705684

Ion Ratio Lower Upper

202 100

101 12.1 9.9 14.9

100 10.4 8.4 12.6



#85

Benzo(a)anthracene

Concen: 14.261 ng/ul

RT: 21.569 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

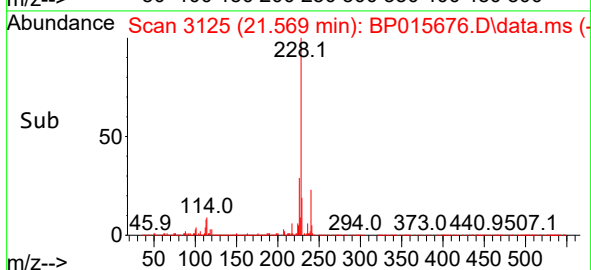
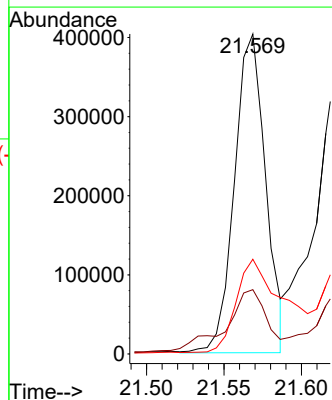
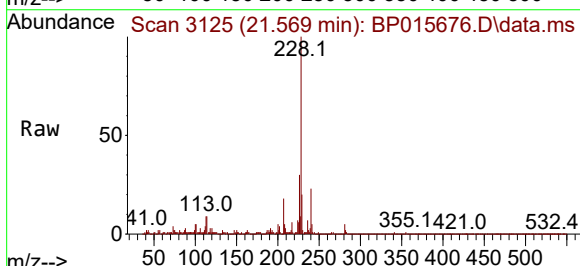
Tgt Ion:228 Resp: 564191

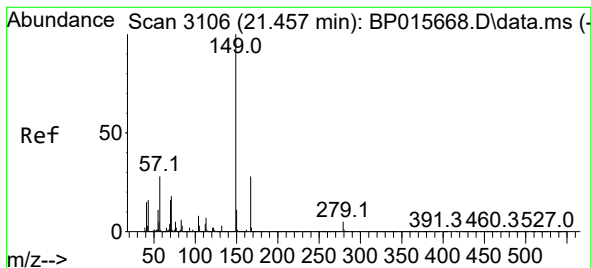
Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 29.6 21.8 32.6

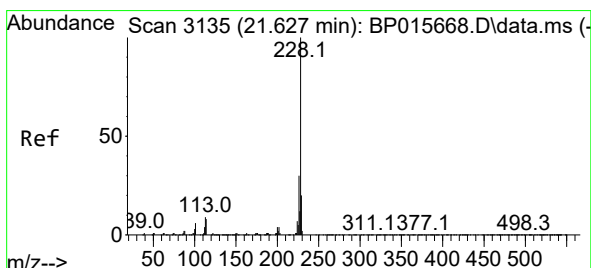
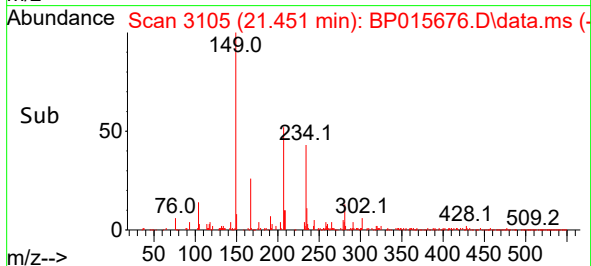
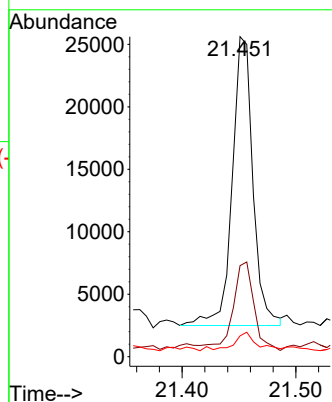
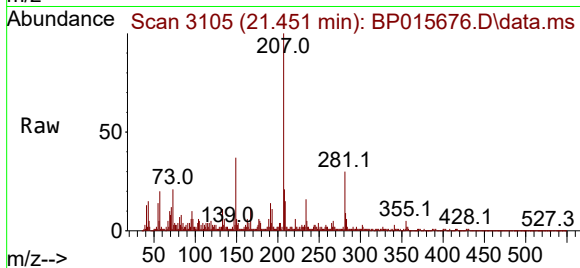




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.177 ng/ul
 RT: 21.451 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BP015676.D
 Acq: 23 Jun 2023 17:46

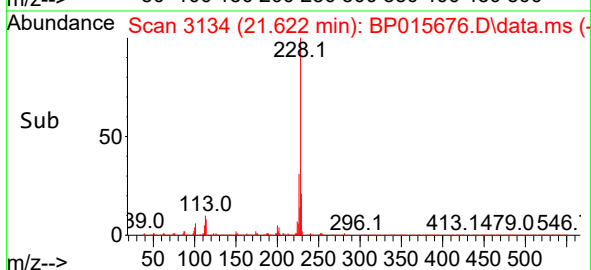
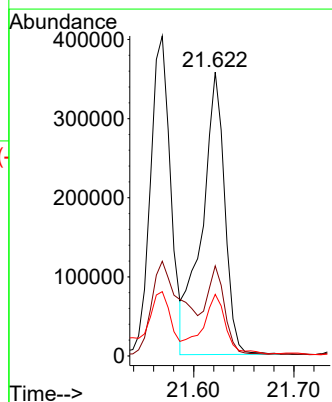
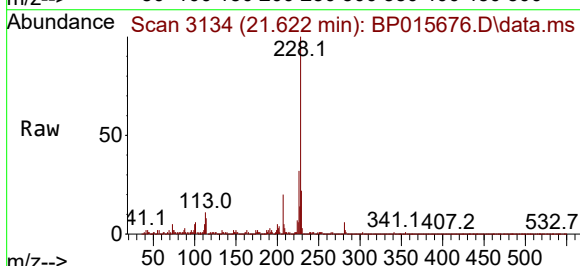
Instrument :
 BNA_P
 ClientSampleId :
 DCFN1

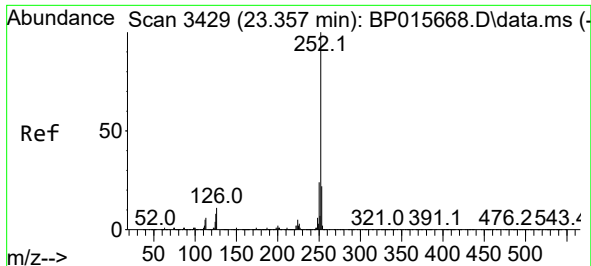
Tgt Ion:149 Resp: 29351
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.8 32.8
 279 6.5 3.7 5.5#



#87
 Chrysene
 Concen: 15.086 ng/ul
 RT: 21.622 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: BP015676.D
 Acq: 23 Jun 2023 17:46

Tgt Ion:228 Resp: 564128
 Ion Ratio Lower Upper
 228 100
 226 31.7 23.9 35.9
 229 21.7 15.1 22.7

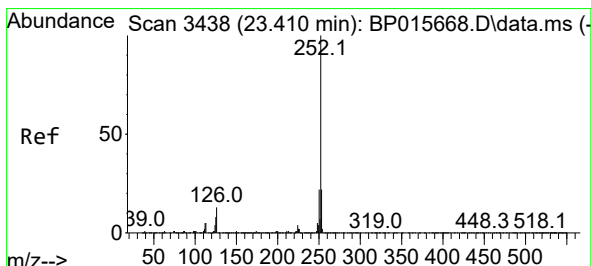
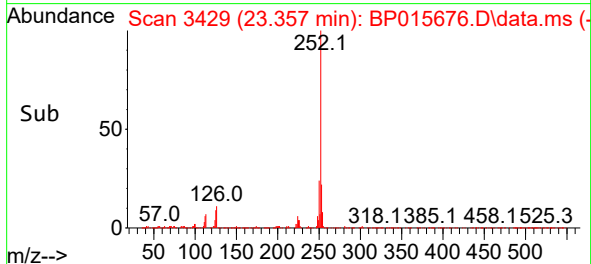
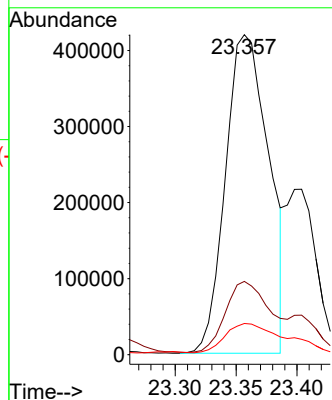
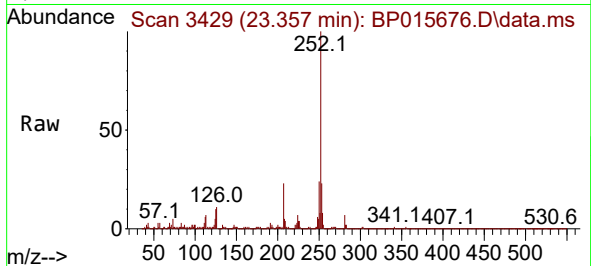




#90
Benzo(b)fluoranthene
Concen: 21.907 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

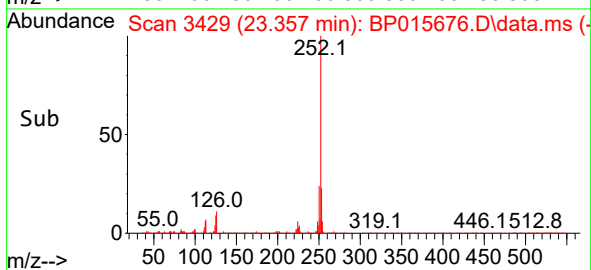
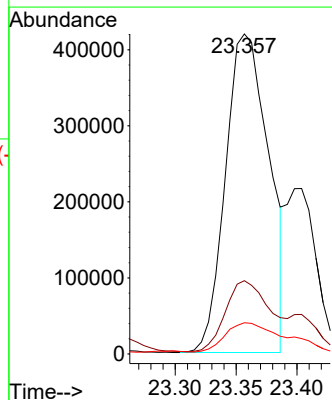
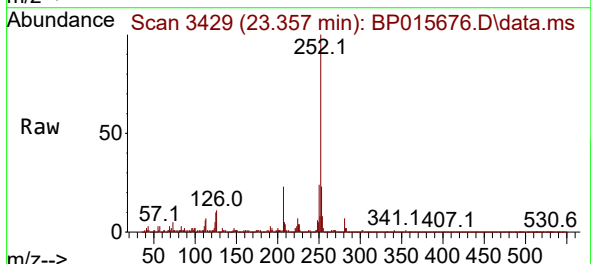
Instrument :
BNA_P
ClientSampleId :
DCFN1

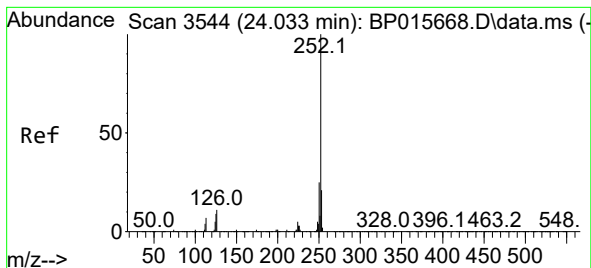
Tgt Ion:252 Resp: 1037147
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.8 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 22.662 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. -0.041 min
Lab File: BP015676.D
Acq: 23 Jun 2023 17:46

Tgt Ion:252 Resp: 1037147
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.8 7.3 10.9





#93

Benzo(a)pyrene

Concen: 16.432 ng/ul

RT: 24.027 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

Instrument :

BNA_P

ClientSampleId :

DCFN1

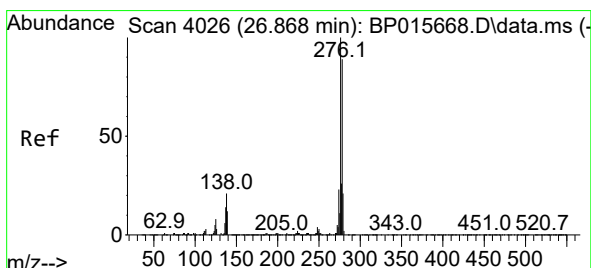
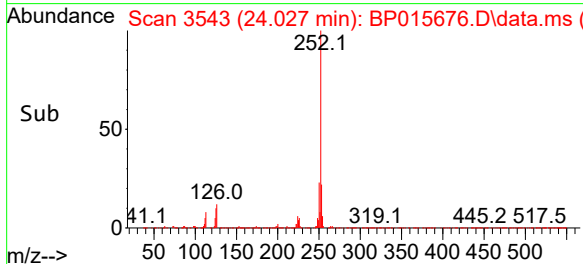
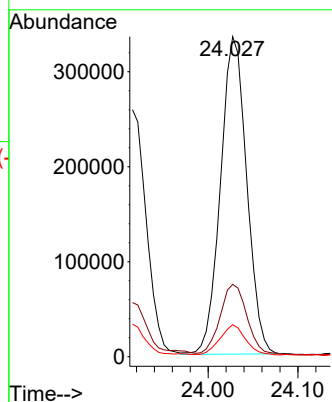
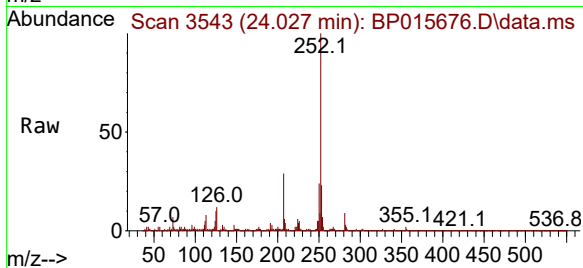
Tgt Ion:252 Resp: 678250

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 10.0 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.962 ng/ul

RT: 26.857 min Scan# 4024

Delta R.T. 0.018 min

Lab File: BP015676.D

Acq: 23 Jun 2023 17:46

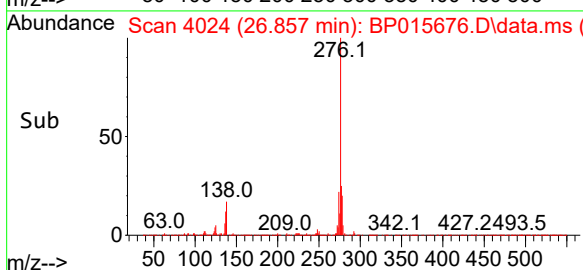
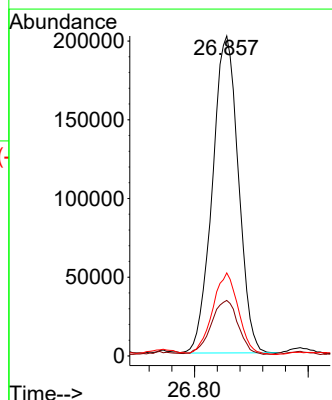
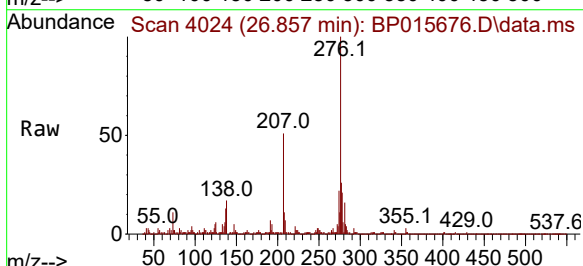
Tgt Ion:276 Resp: 638979

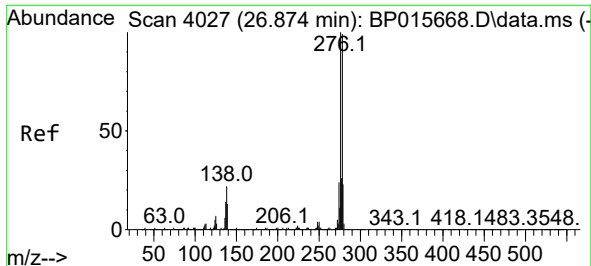
Ion Ratio Lower Upper

276 100

138 17.3 17.3 25.9

277 25.9 20.2 30.2

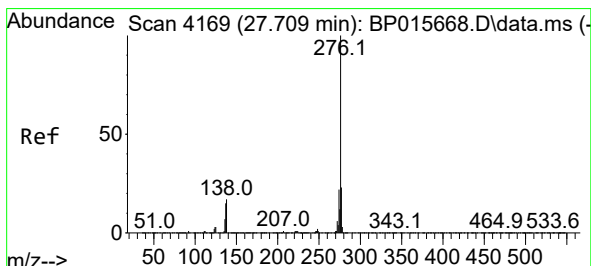
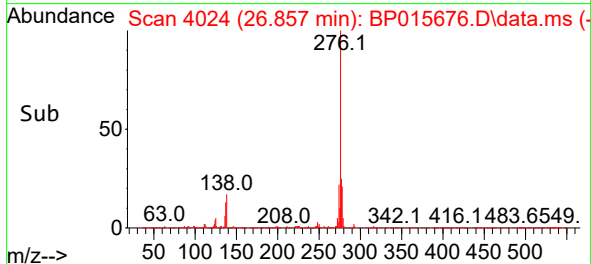
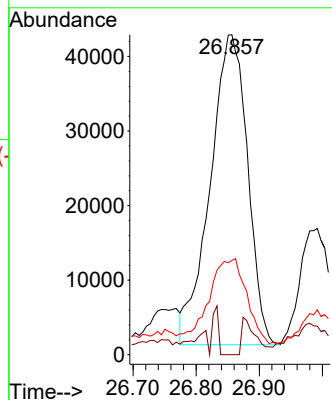
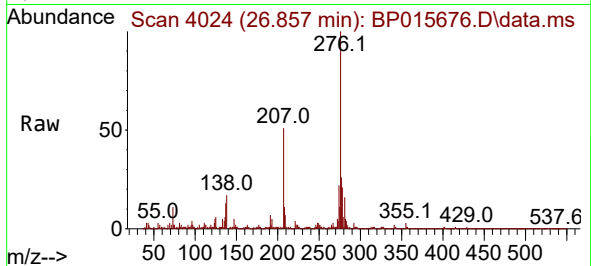




#95
 Dibenzo(a,h)anthracene
 Concen: 3.938 ng/ul
 RT: 26.857 min Scan# 4027
 Delta R.T. 0.006 min
 Lab File: BP015676.D
 Acq: 23 Jun 2023 17:46

Instrument :
 BNA_P
 ClientSampleId :
 DCFN1

Tgt Ion:278 Resp: 171395
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.4 17.0#
 279 29.4 18.7 28.1#



#96
 Benzo(g,h,i)perylene
 Concen: 13.125 ng/ul
 RT: 27.692 min Scan# 4166
 Delta R.T. 0.012 min
 Lab File: BP015676.D
 Acq: 23 Jun 2023 17:46

Tgt Ion:276 Resp: 577795
 Ion Ratio Lower Upper
 276 100
 138 18.3 15.6 23.4
 277 25.2 19.0 28.6

