

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018019.D
 Acq On : 10 Nov 2023 09:07
 Operator : MA/JU
 Sample : 05091-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6

Quant Time: Nov 10 22:16:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	80619	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	342454	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	210815	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	458367	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	408471	20.000	ng/ul	0.00
88) Perylene-d12	23.963	264	448498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	4445	1.887	ng/uL	0.00
4) Pyridine-d5	3.681	84	755	0.123	ng/ul	0.00
7) Phenol-d5	7.034	99	98158	12.956	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	57806	12.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	80227	13.235	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	70851	11.660	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	38434	12.533	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	43131	12.637	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	76467	12.506	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	42774	5.105	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	257645	13.295	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	284601	13.698	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	25256	8.898	ng/ul	0.01
60) Fluorene-d10	15.540	176	221958	13.818	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	22062	6.893	ng/ul	0.00
73) Anthracene-d10	17.422	188	349717	14.239	ng/ul	0.00
81) Pyrene-d10	19.675	212	407749	15.510	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	373473	14.326	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.046	77	5405	1.296	ng/ul	97
8) Phenol	7.064	94	24624	3.301	ng/ul	97
16) Acetophenone	8.722	105	145612	14.986	ng/ul	98
36) 2-Methylnaphthalene	12.352	142	19152	1.349	ng/ul	97
50) Acenaphthylene	14.269	152	119959	5.042	ng/ul	98
52) Acenaphthene	14.604	153	63149	3.994	ng/ul	99
56) Dibenzofuran	14.945	168	61151	2.802	ng/ul	97
61) Fluorene	15.598	166	128647	6.989	ng/ul	98
71) Pentachlorophenol	16.957	266	8577	2.453	ng/ul	97
72) Phenanthrene	17.363	178	714058	25.027	ng/ul	99
74) Anthracene	17.457	178	3093710	107.252	ng/ul	99
77) Carbazole	17.751	167	340888	13.686	ng/ul	99
80) Fluoranthene	19.345	202	3800393	124.901	ng/ul	99
82) Pyrene	19.710	202	3986975	123.978	ng/ul	97
85) Benzo(a)anthracene	21.433	228	1228547	37.412	ng/ul	99
87) Chrysene	21.486	228	1988483	64.289	ng/ul	98
90) Benzo(b)fluoranthene	23.186	252	1743431	54.087	ng/ul	98
91) Benzo(k)fluoranthene	23.233	252	482047	14.983	ng/ul	98
93) Benzo(a)pyrene	23.851	252	690039	22.711	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.627	276	500412	13.896	ng/ul	98
95) Dibenzo(a,h)anthracene	26.639	278	78791	2.646	ng/ul#	83
96) Benzo(g,h,i)perylene	27.468	276	437379	15.219	ng/ul	99

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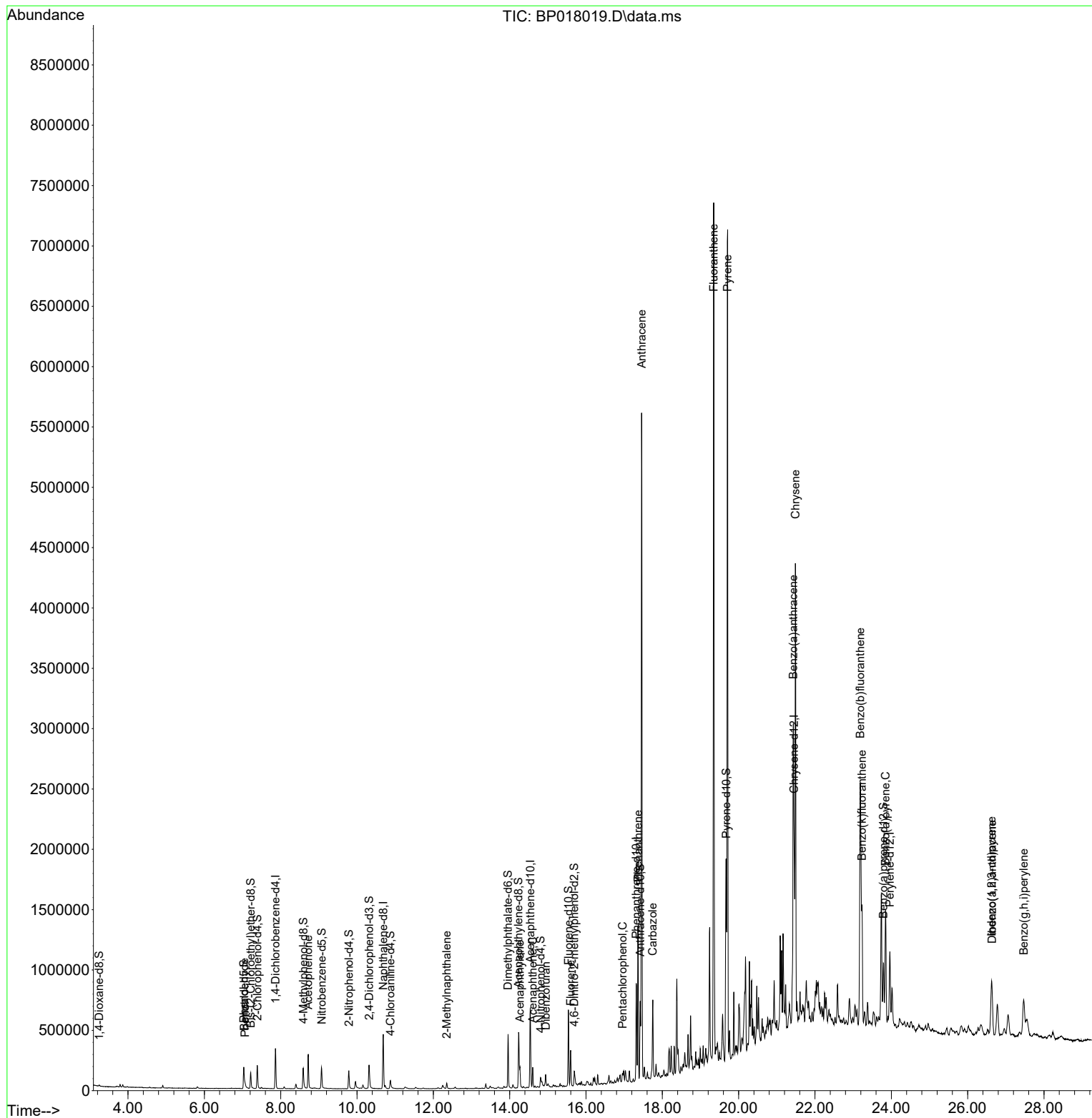
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

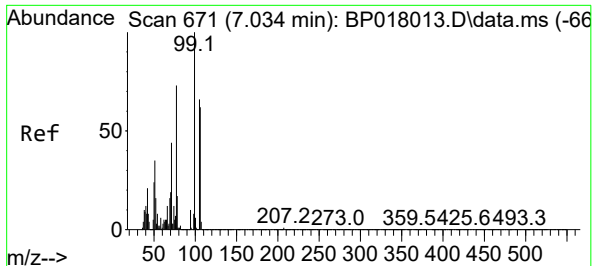
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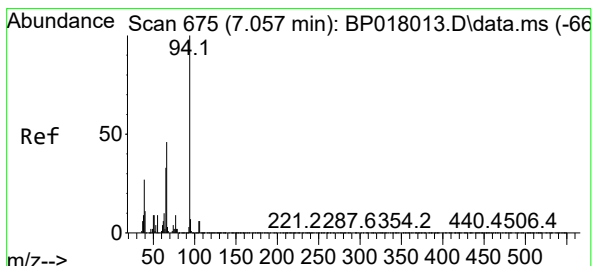
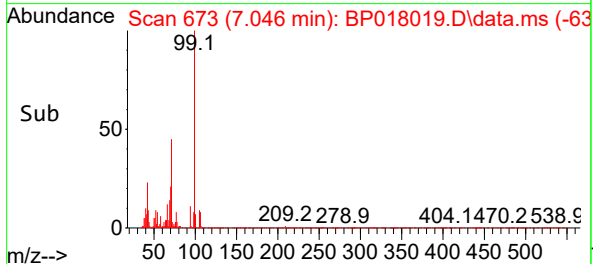
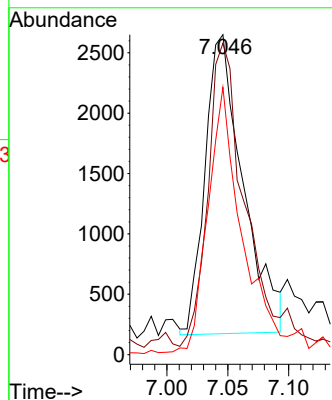
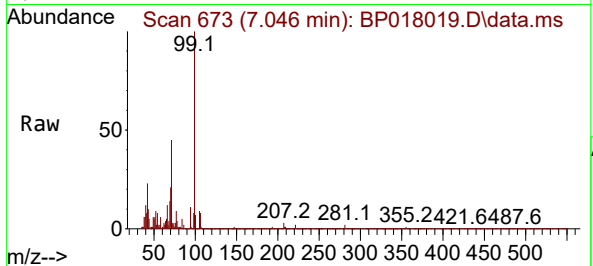




#6
Benzaldehyde
Concen: 1.296 ng/ul
RT: 7.046 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

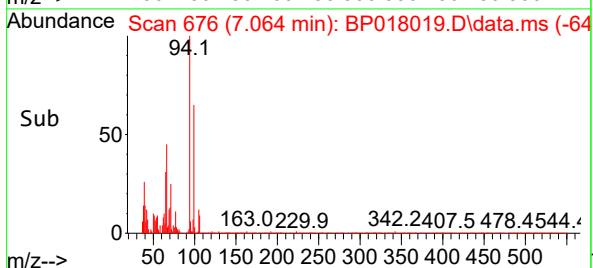
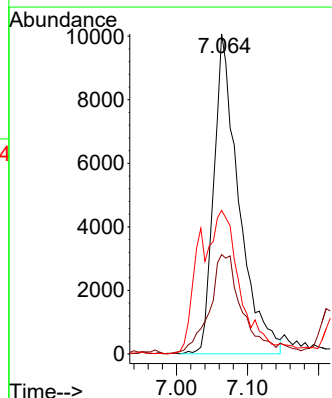
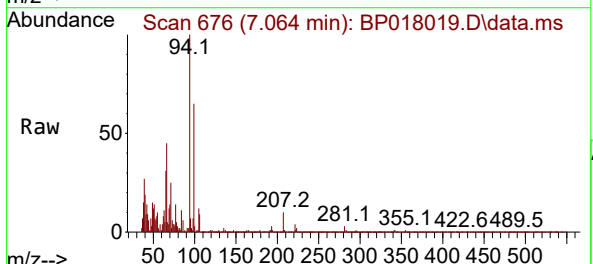
Instrument :
BNA_P
ClientSampleId :
DCKI6

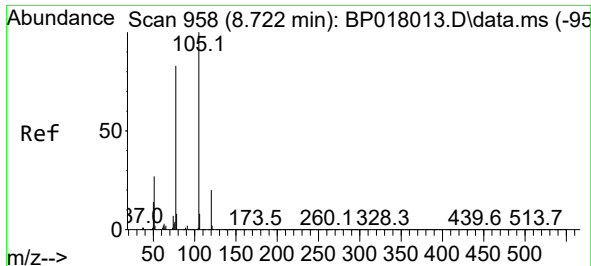
Tgt Ion: 77 Resp: 5405
Ion Ratio Lower Upper
77 100
105 97.3 75.8 113.6
106 83.5 69.6 104.4



#8
Phenol
Concen: 3.301 ng/ul
RT: 7.064 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

Tgt Ion: 94 Resp: 24624
Ion Ratio Lower Upper
94 100
65 31.0 26.5 39.7
66 44.9 37.0 55.6

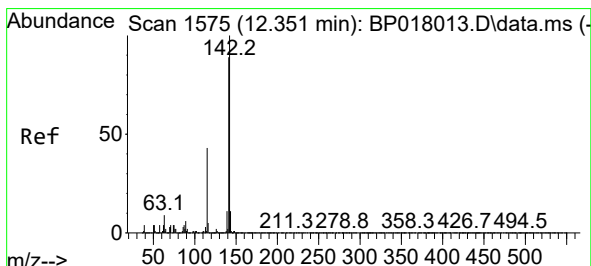
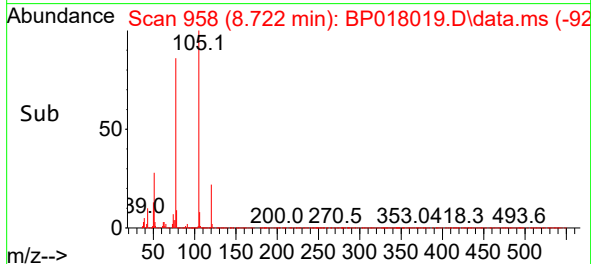
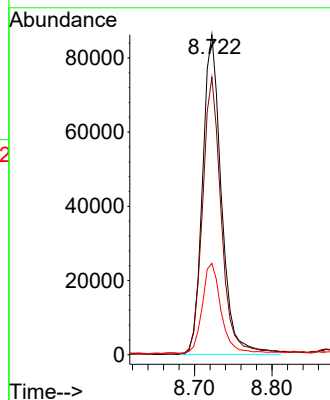
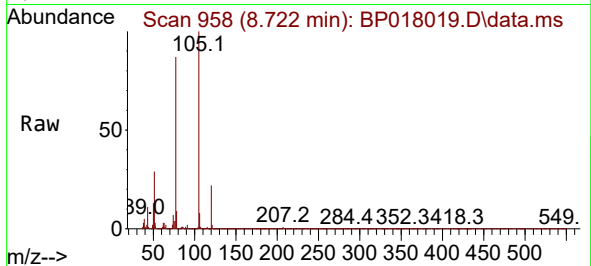




#16
Acetophenone
Concen: 14.986 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

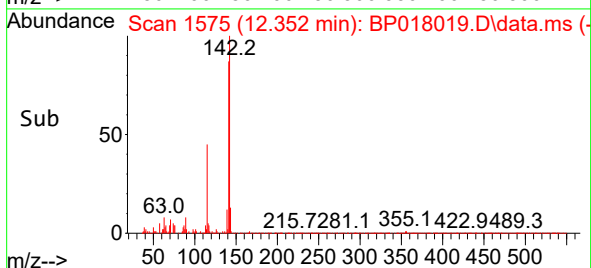
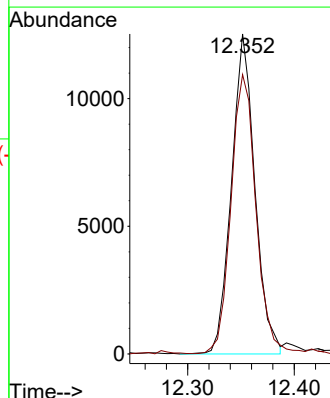
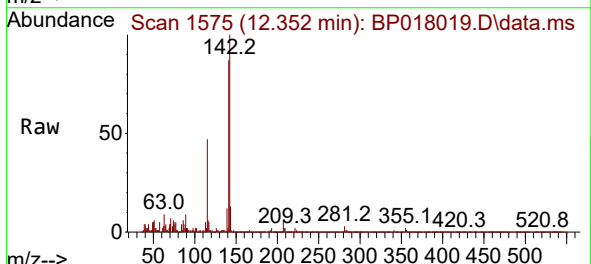
Instrument :
BNA_P
ClientSampleId :
DCKI6

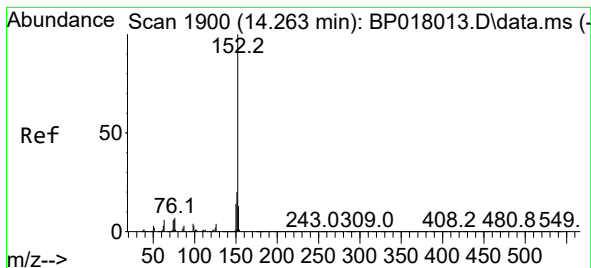
Tgt Ion:105 Resp: 145612
Ion Ratio Lower Upper
105 100
77 86.6 68.2 102.4
51 28.5 24.1 36.1



#36
2-Methylnaphthalene
Concen: 1.349 ng/ul
RT: 12.352 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

Tgt Ion:142 Resp: 19152
Ion Ratio Lower Upper
142 100
141 87.3 68.0 102.0





#50

Acenaphthylene

Concen: 5.042 ng/ul

RT: 14.269 min Scan# 1900

Delta R.T. 0.000 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

Instrument :

BNA_P

ClientSampleId :

DCKI6

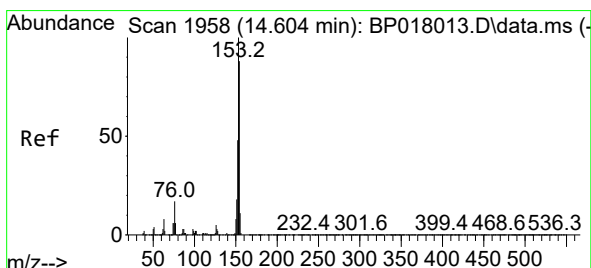
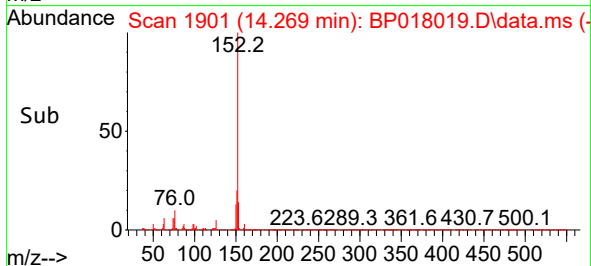
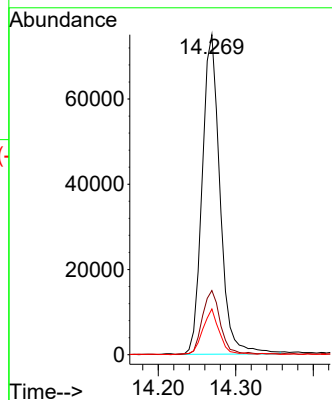
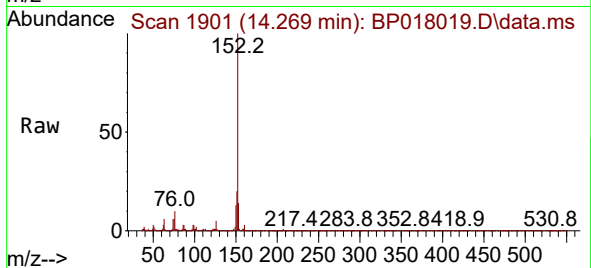
Tgt Ion:152 Resp: 119959

Ion Ratio Lower Upper

152 100

151 20.1 15.5 23.3

153 14.3 10.3 15.5



#52

Acenaphthene

Concen: 3.994 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

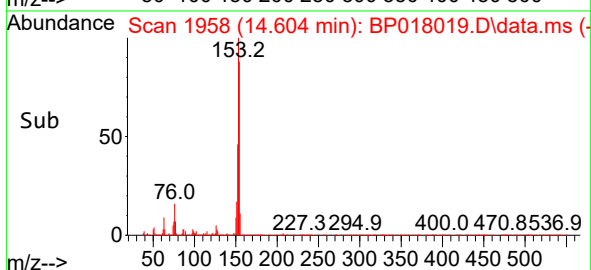
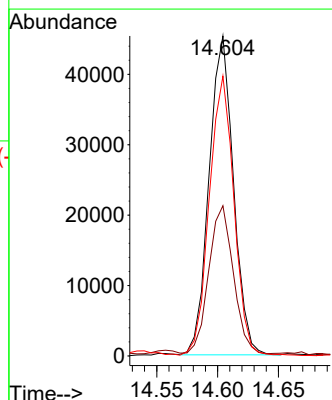
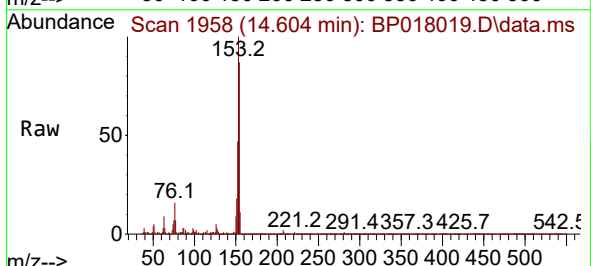
Tgt Ion:153 Resp: 63149

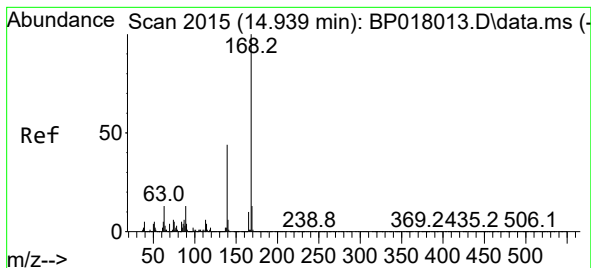
Ion Ratio Lower Upper

153 100

152 46.9 38.2 57.2

154 87.5 68.8 103.2

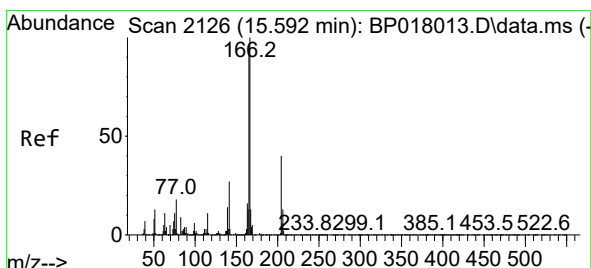
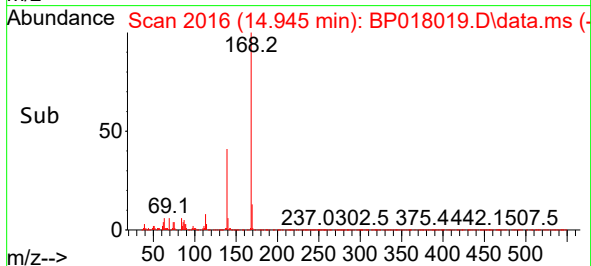
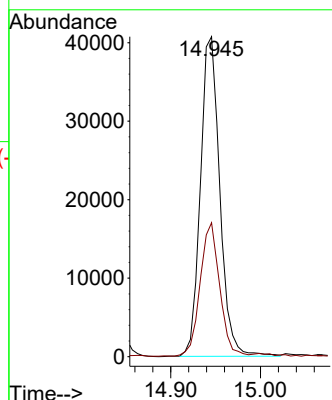
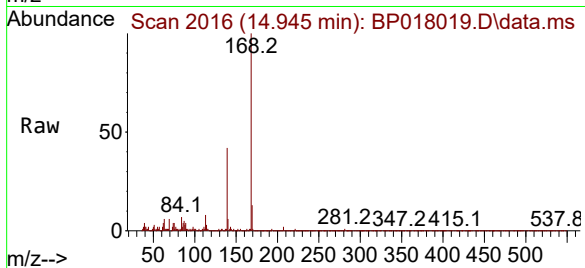




#56
Dibenzofuran
Concen: 2.802 ng/ul
RT: 14.945 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

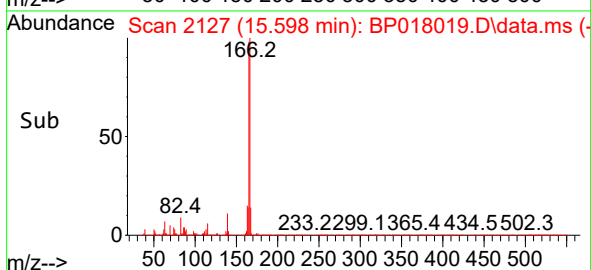
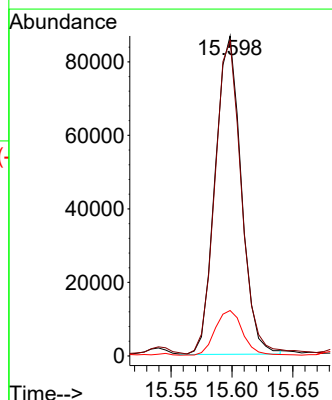
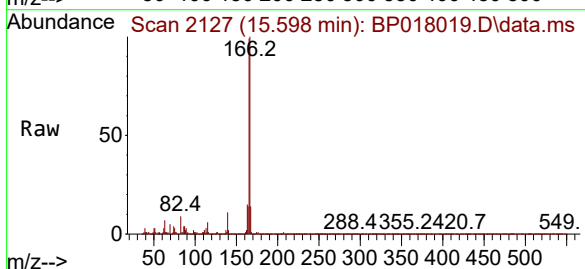
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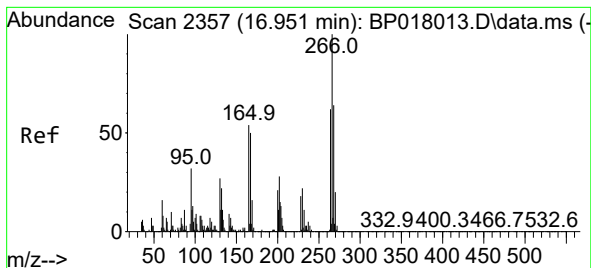
Tgt Ion:168 Resp: 61151
Ion Ratio Lower Upper
168 100
139 41.9 35.1 52.7



#61
Fluorene
Concen: 6.989 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

Tgt Ion:166 Resp: 128647
Ion Ratio Lower Upper
166 100
165 98.5 80.2 120.2
167 14.2 11.0 16.4





#71

Pentachlorophenol

Concen: 2.453 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

Instrument :

BNA_P

ClientSampleId :

DCKI6

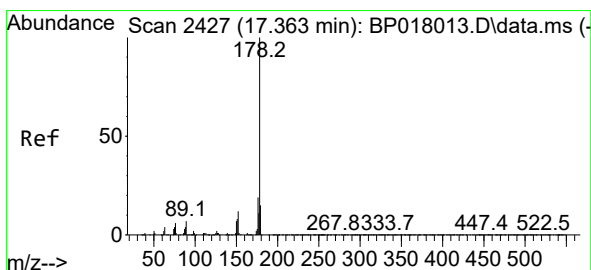
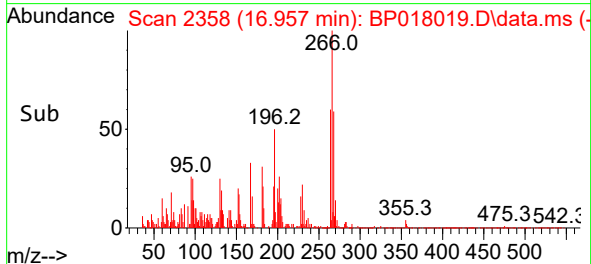
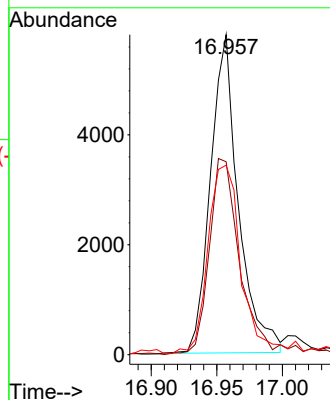
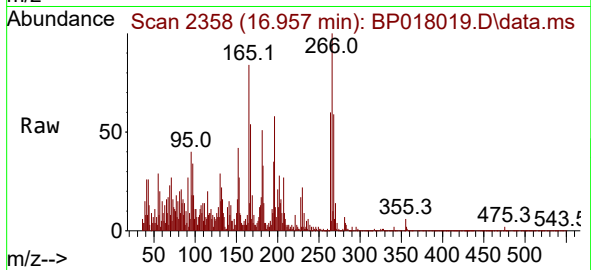
Tgt Ion:266 Resp: 8577

Ion Ratio Lower Upper

266 100

264 60.3 48.4 72.6

268 59.2 50.3 75.5



#72

Phenanthrene

Concen: 25.027 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

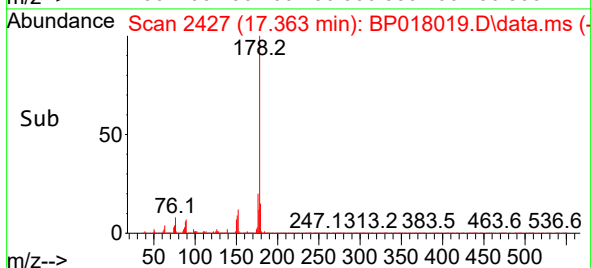
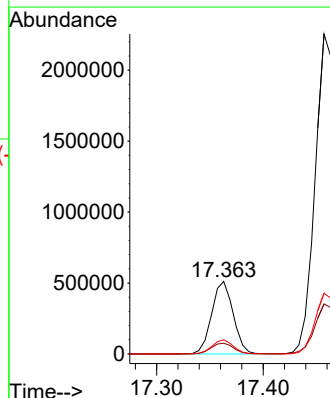
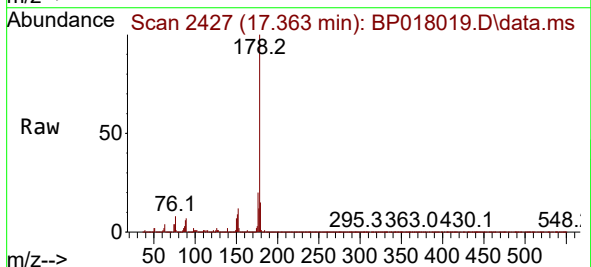
Tgt Ion:178 Resp: 714058

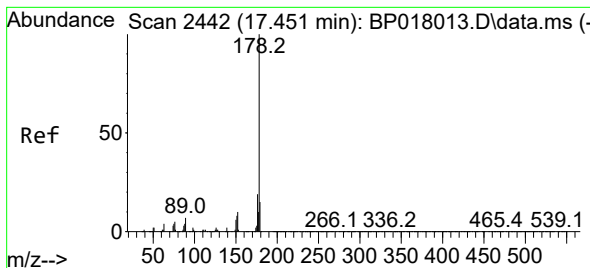
Ion Ratio Lower Upper

178 100

179 14.9 11.6 17.4

176 19.7 15.1 22.7





#74

Anthracene

Concen: 107.252 ng/ul

RT: 17.457 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

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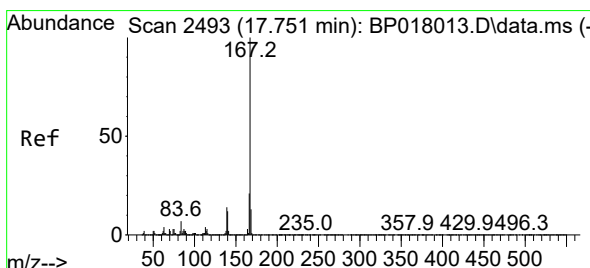
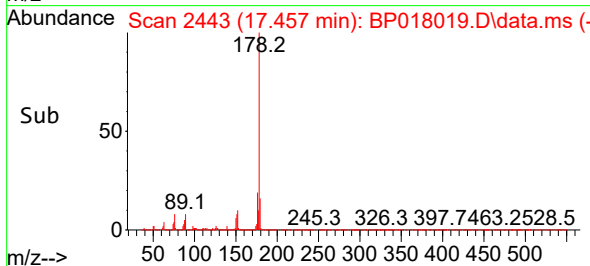
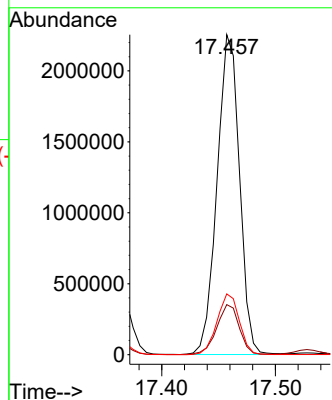
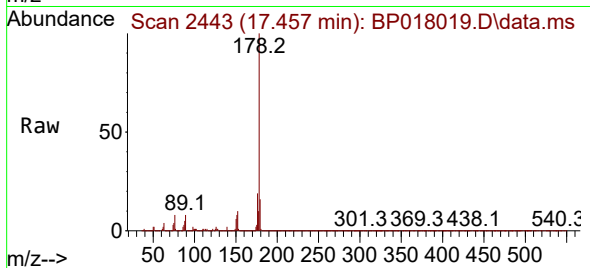
Tgt Ion:178 Resp: 3093710

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

176 19.0 15.1 22.7



#77

Carbazole

Concen: 13.686 ng/ul

RT: 17.751 min Scan# 2493

Delta R.T. -0.006 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

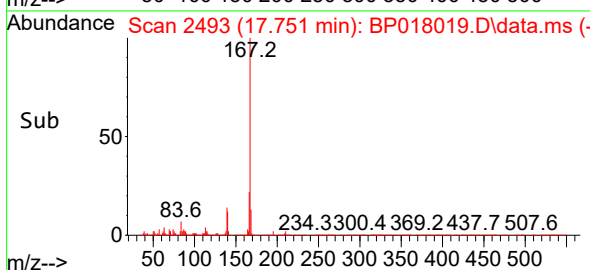
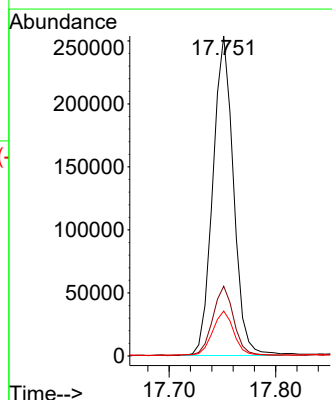
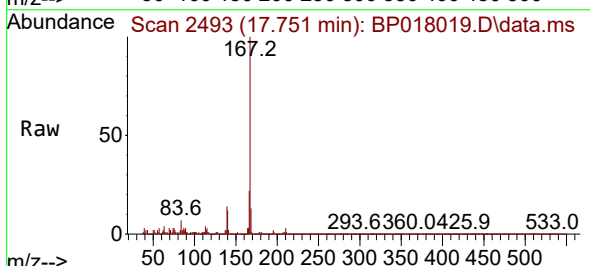
Tgt Ion:167 Resp: 340888

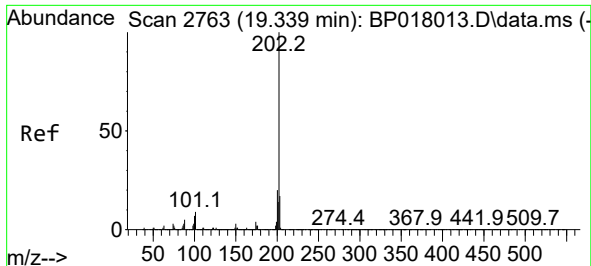
Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 14.0 11.7 17.5

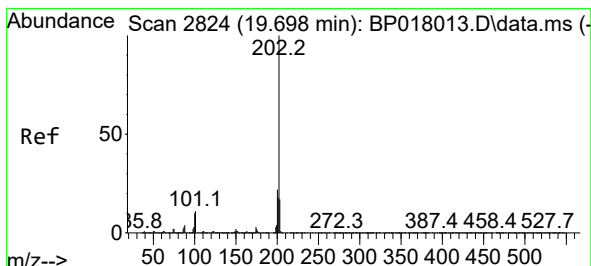
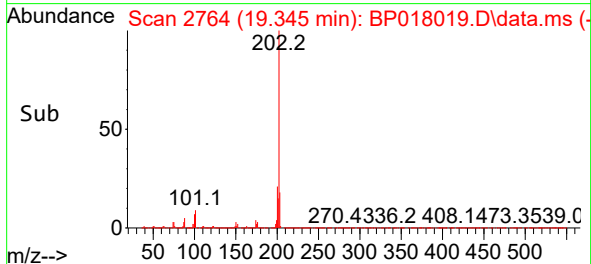
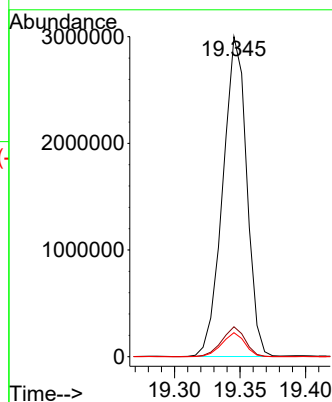
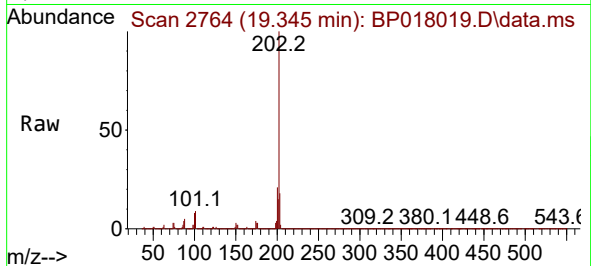




#80
Fluoranthene
Concen: 124.901 ng/ul
RT: 19.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

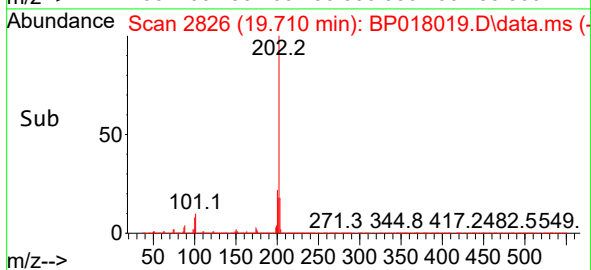
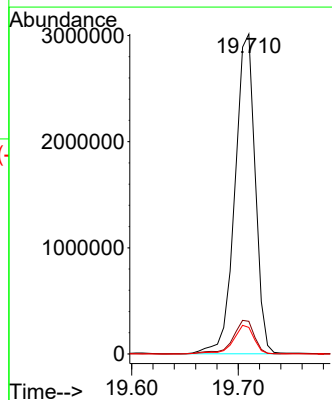
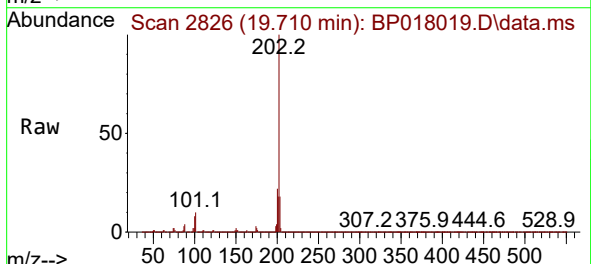
Instrument :
BNA_P
ClientSampleId :
DCKI6

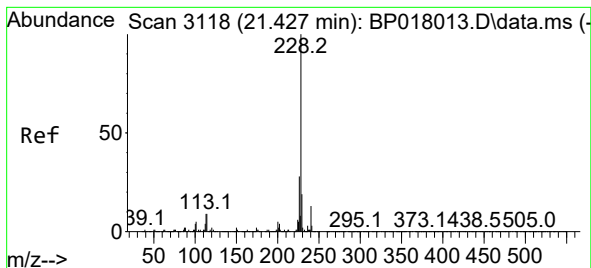
Tgt Ion:202 Resp: 3800393
Ion Ratio Lower Upper
202 100
101 9.3 7.4 11.0
100 7.5 5.8 8.6



#82
Pyrene
Concen: 123.978 ng/ul
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

Tgt Ion:202 Resp: 3986975
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 8.3 7.8 11.8





#85

Benzo(a)anthracene

Concen: 37.412 ng/ul

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

Instrument :

BNA_P

ClientSampleId :

DCKI6

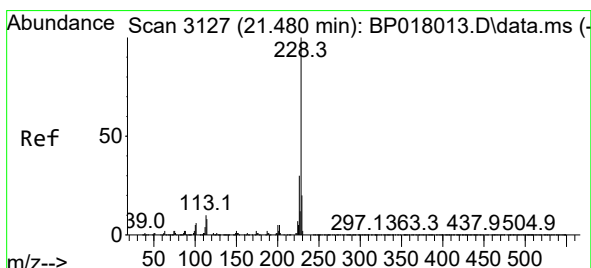
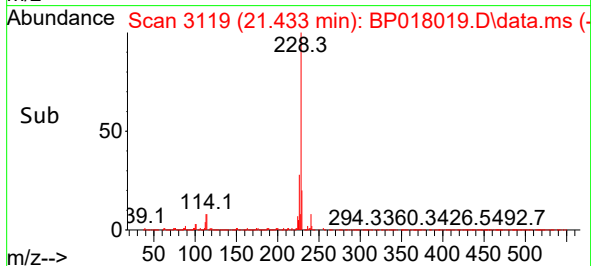
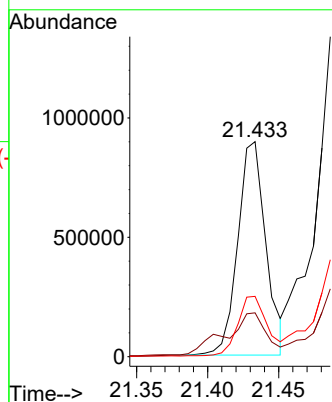
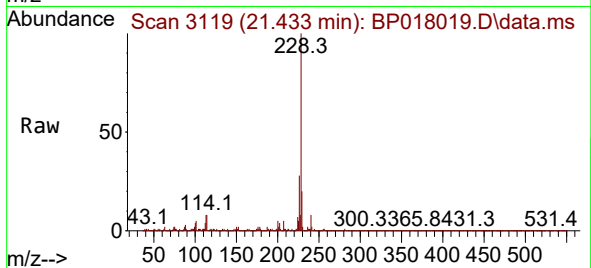
Tgt Ion:228 Resp: 1228547

Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

226 28.1 22.3 33.5



#87

Chrysene

Concen: 64.289 ng/ul

RT: 21.486 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

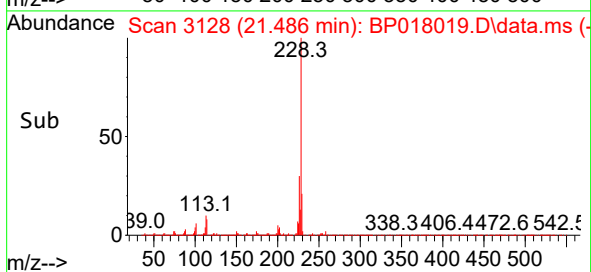
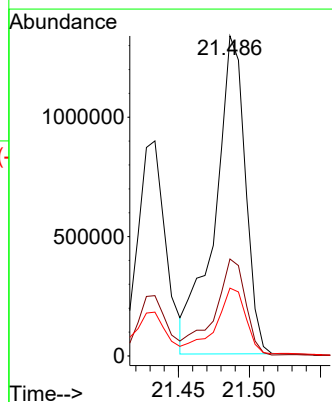
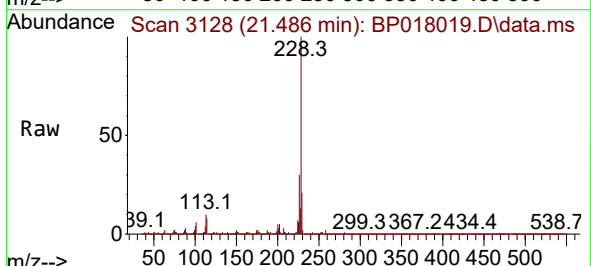
Tgt Ion:228 Resp: 1988483

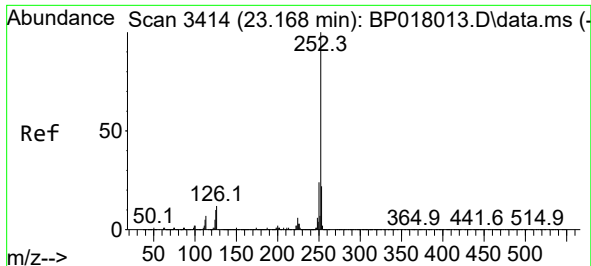
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 21.2 15.4 23.0

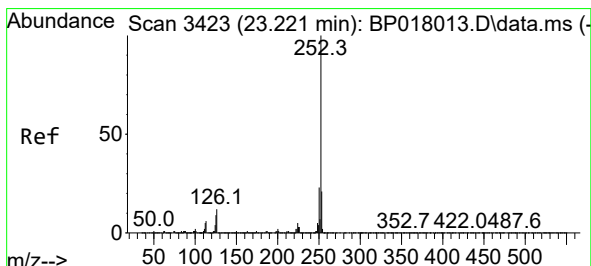
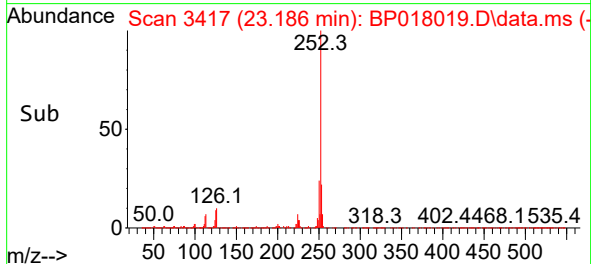
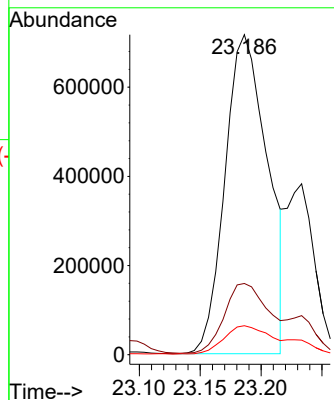
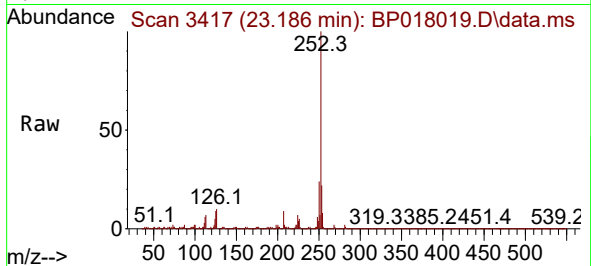




#90
Benzo(b)fluoranthene
Concen: 54.087 ng/ul
RT: 23.186 min Scan# 3414
Delta R.T. 0.006 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

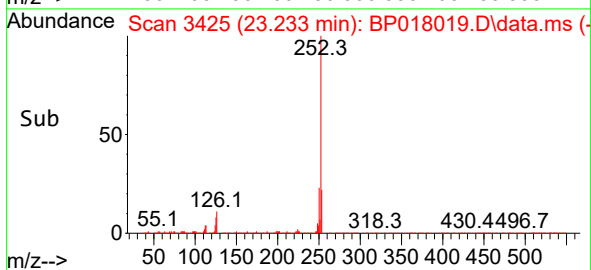
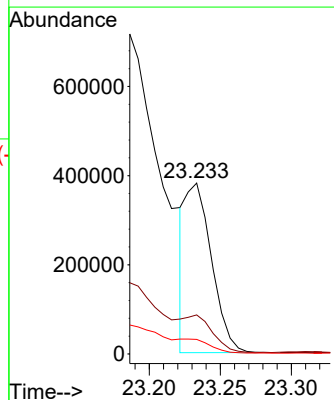
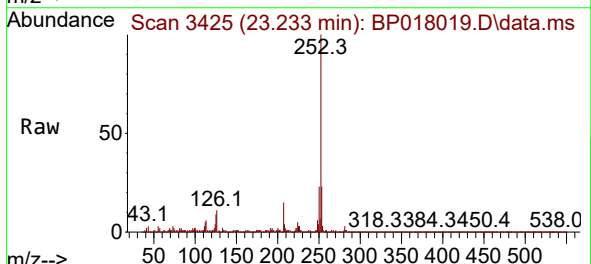
Instrument :
BNA_P
ClientSampleId :
DCKI6

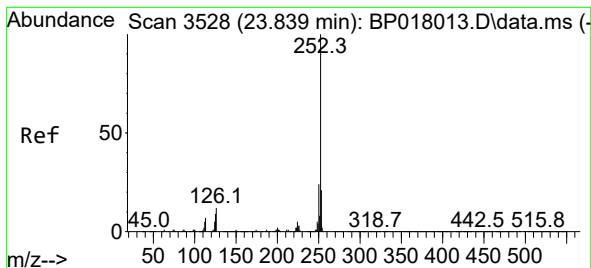
Tgt Ion:252 Resp: 1743431
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.1 7.4 11.2



#91
Benzo(k)fluoranthene
Concen: 14.983 ng/ul
RT: 23.233 min Scan# 3425
Delta R.T. 0.000 min
Lab File: BP018019.D
Acq: 10 Nov 2023 09:07

Tgt Ion:252 Resp: 482047
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.6 7.4 11.2





#93

Benzo(a)pyrene

Concen: 22.711 ng/ul

RT: 23.851 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

Instrument :

BNP_P

ClientSampleId :

DCKI6

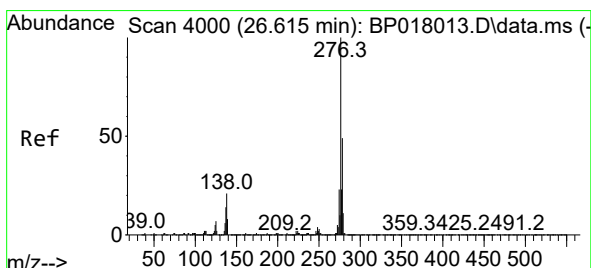
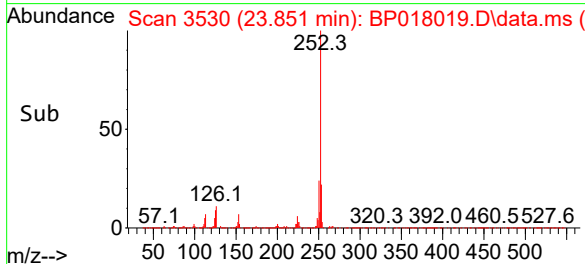
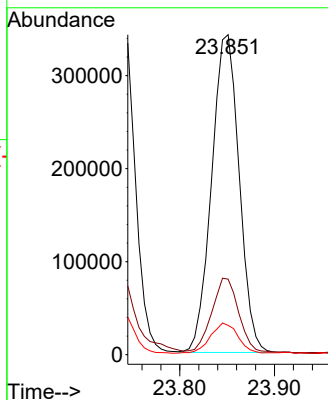
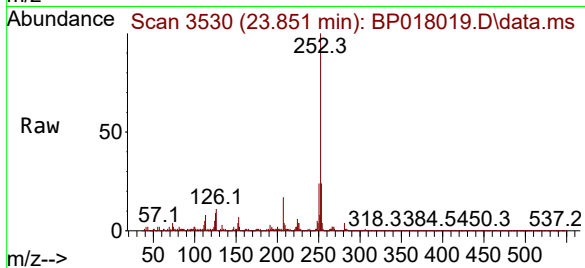
Tgt Ion:252 Resp: 690039

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

125 9.1 7.8 11.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.896 ng/ul

RT: 26.627 min Scan# 4002

Delta R.T. -0.006 min

Lab File: BP018019.D

Acq: 10 Nov 2023 09:07

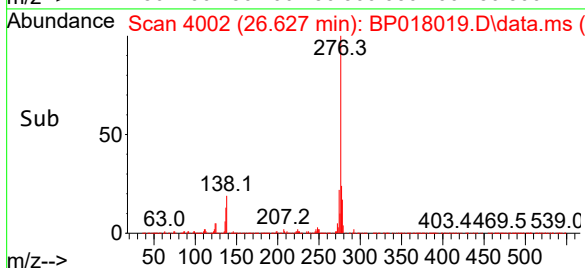
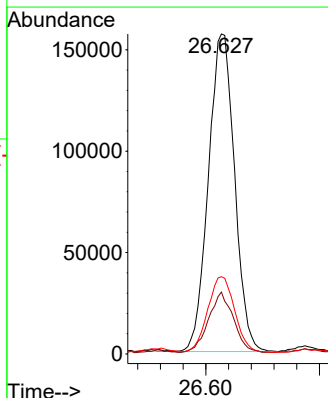
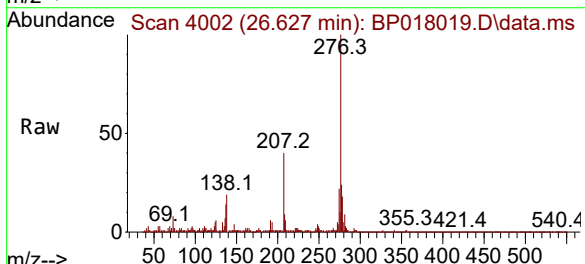
Tgt Ion:276 Resp: 500412

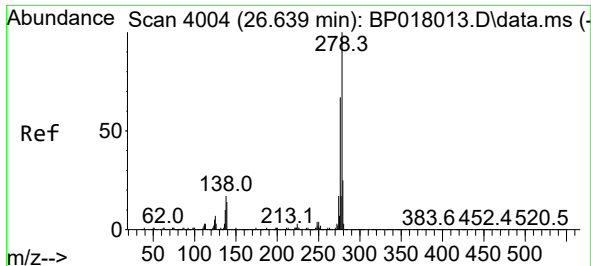
Ion Ratio Lower Upper

276 100

138 19.4 16.2 24.4

277 24.2 18.8 28.2

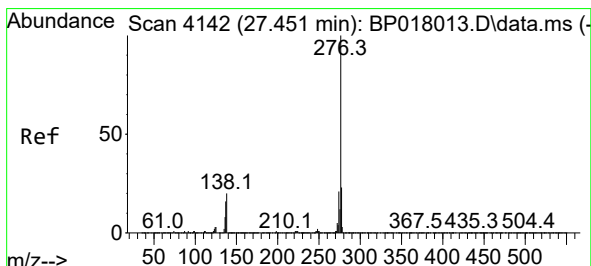
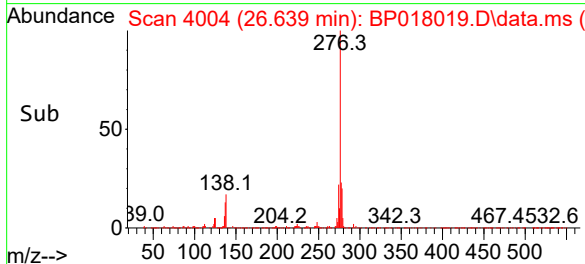
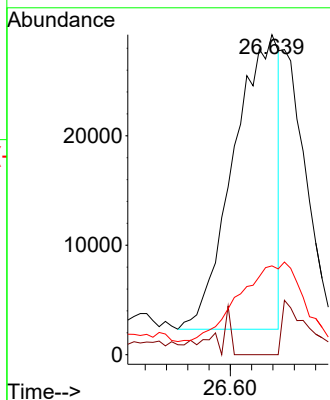
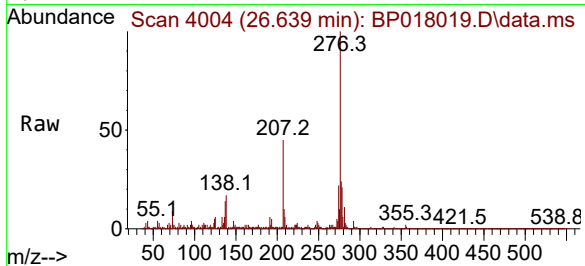




#95
 Dibenzo(a,h)anthracene
 Concen: 2.646 ng/ul
 RT: 26.639 min Scan# 4004
 Delta R.T. -0.018 min
 Lab File: BP018019.D
 Acq: 10 Nov 2023 09:07

Instrument :
 BNA_P
 ClientSampleId :
 DCKI6

Tgt Ion:278 Resp: 78791
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.9 17.9#
 279 27.7 19.7 29.5



#96
 Benzo(g,h,i)perylene
 Concen: 15.219 ng/ul
 RT: 27.468 min Scan# 4145
 Delta R.T. 0.000 min
 Lab File: BP018019.D
 Acq: 10 Nov 2023 09:07

Tgt Ion:276 Resp: 437379
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.0 22.6
 277 24.0 19.0 28.6

