

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015606.D
 Acq On : 19 Jun 2023 16:38
 Operator : MA/JU
 Sample : 03080-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH1

Quant Time: Jun 19 22:26:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	135218	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	617786	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	421670	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	999015	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	904700	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	942465	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	6994	1.915	ng/uL	0.00
4) Pyridine-d5	3.852	84	67594	7.126	ng/ul	0.00
7) Phenol-d5	7.245	99	164694	13.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	102897	13.831	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	131646	14.576	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	129809	12.697	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	67616	13.941	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	76003	13.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	136326	13.492	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	86183	5.942	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	489876	14.733	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	556224	15.298	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	26527	4.455	ng/ul	0.02
60) Fluorene-d10	15.721	176	431322	15.382	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	64091	10.127	ng/ul	0.00
73) Anthracene-d10	17.580	188	680278	14.966	ng/ul	0.00
81) Pyrene-d10	19.810	212	853406	17.625	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	732519	15.490	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.928	105	17250	1.057	ng/ul	92
30) Naphthalene	10.963	128	48525	1.450	ng/ul	99
36) 2-Methylnaphthalene	12.563	142	31110	1.322	ng/ul	95
37) 1-Methylnaphthalene	12.780	142	38372	1.619	ng/ul#	94
50) Acenaphthylene	14.451	152	235978	5.861	ng/ul	99
52) Acenaphthene	14.792	153	45617	1.639	ng/ul	98
56) Dibenzofuran	15.127	168	39543	1.002	ng/ul	91
61) Fluorene	15.774	166	77866	2.421	ng/ul#	97
72) Phenanthrene	17.527	178	2129635	39.724	ng/ul	99
74) Anthracene	17.616	178	365873	6.726	ng/ul	100
77) Carbazole	17.886	167	155841	3.182	ng/ul	98
80) Fluoranthene	19.486	202	4034735	68.407	ng/ul	98
82) Pyrene	19.839	202	3931433	64.428	ng/ul	97
85) Benzo(a)anthracene	21.551	228	2042353	32.292	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.445	149	174272	4.372	ng/ul	98
87) Chrysene	21.609	228	2102713	35.174	ng/ul	97
90) Benzo(b)fluoranthene	23.339	252	2624441	43.139	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	2624441	44.627	ng/ul	98
93) Benzo(a)pyrene	24.003	252	1676540	31.609	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.803	276	1165067	16.973	ng/ul	94
95) Dibenzo(a,h)anthracene	26.809	278	325767	5.825	ng/ul#	83
96) Benzo(g,h,i)perylene	27.639	276	1072723	18.963	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

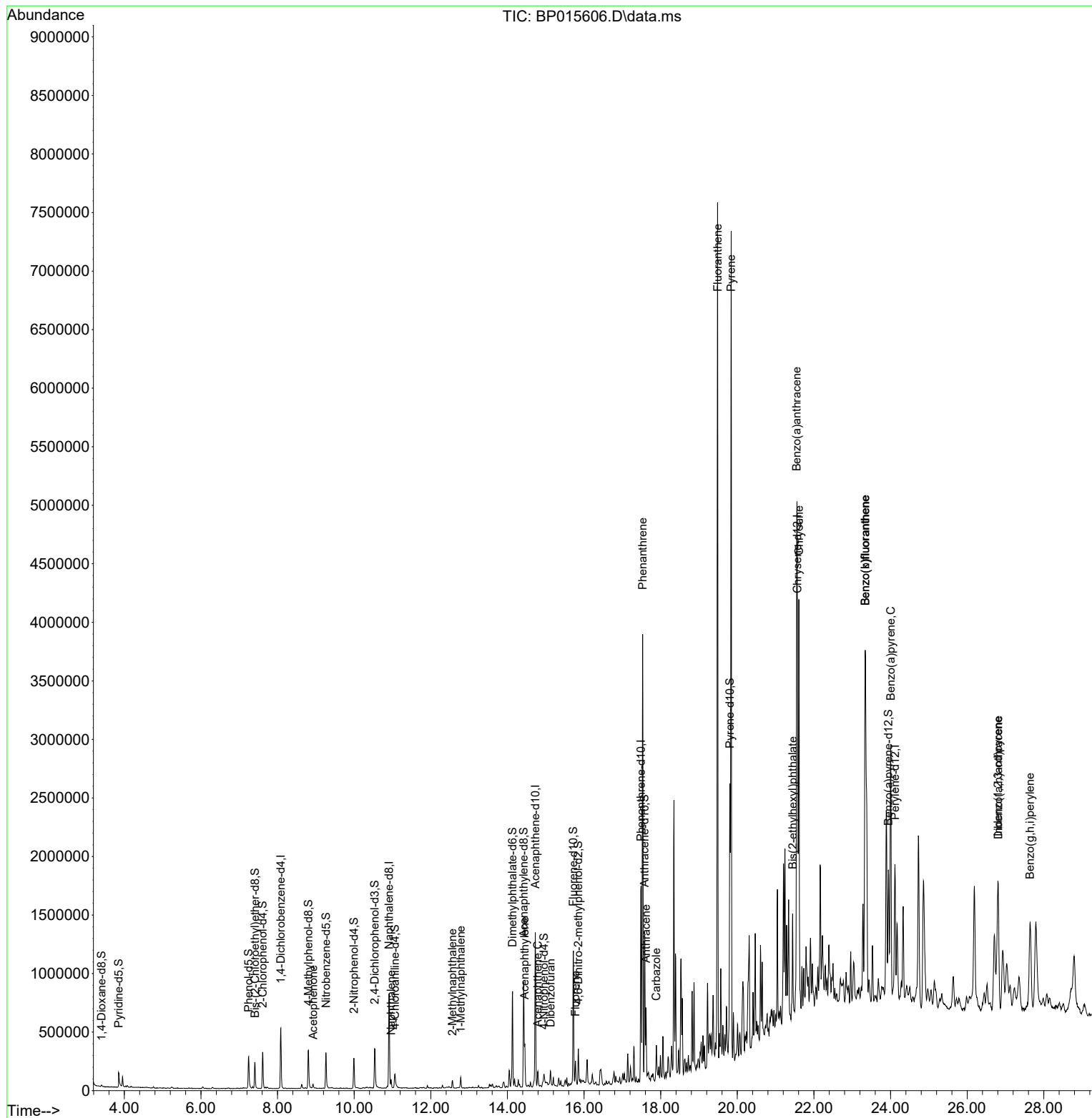
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

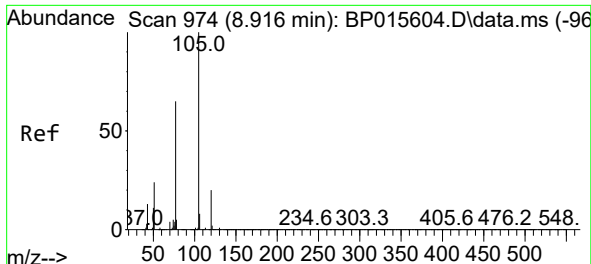
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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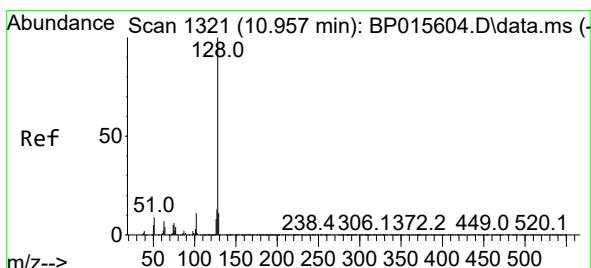
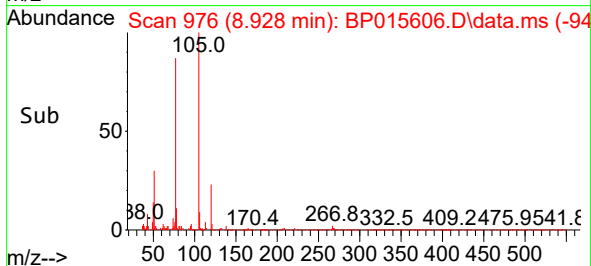
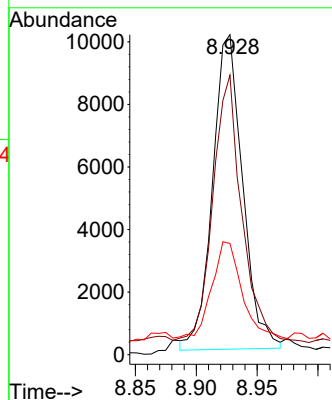
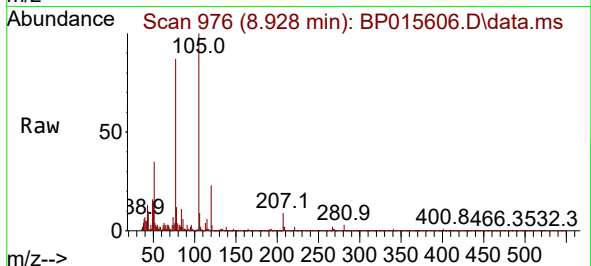




#16
Acetophenone
Concen: 1.057 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. 0.005 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

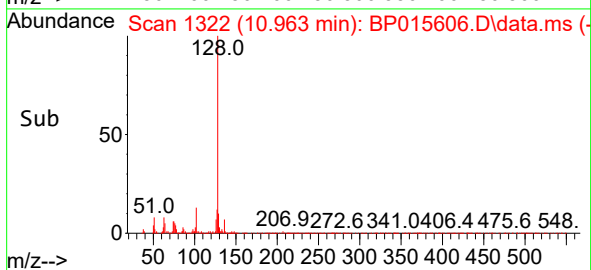
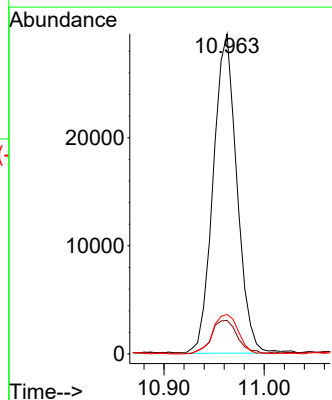
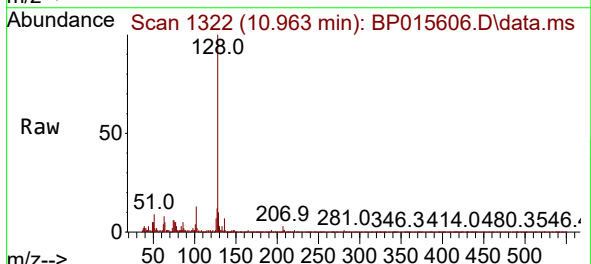
Instrument :
BNA_P
ClientSampleId :
DCFH1

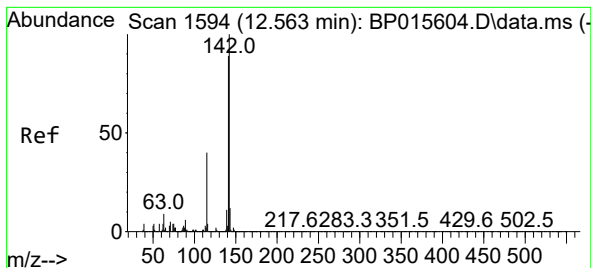
Tgt Ion:105 Resp: 17250
Ion Ratio Lower Upper
105 100
77 87.4 64.9 97.3
51 34.8 23.5 35.3



#30
Naphthalene
Concen: 1.450 ng/ul
RT: 10.963 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

Tgt Ion:128 Resp: 48525
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 12.3 10.5 15.7

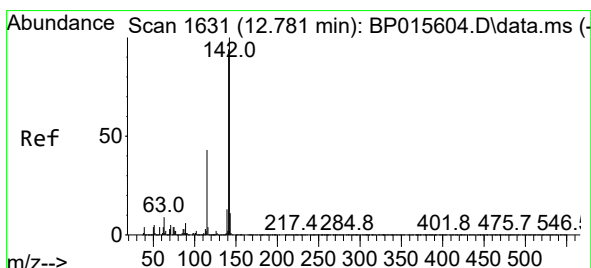
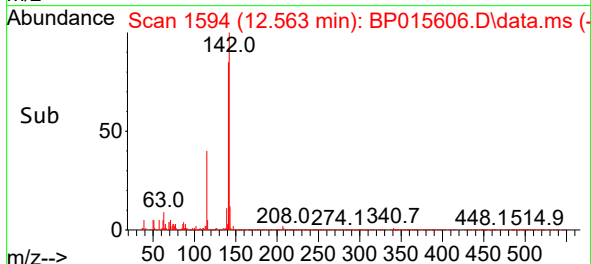
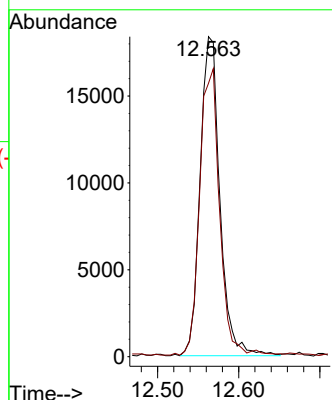
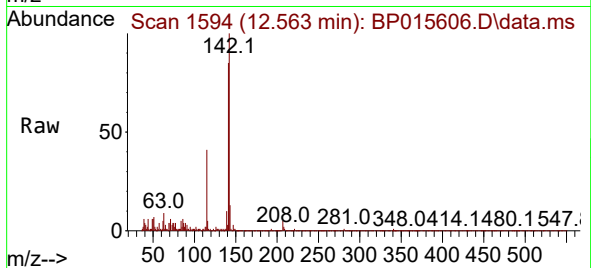




#36
2-Methylnaphthalene
Concen: 1.322 ng/ul
RT: 12.563 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

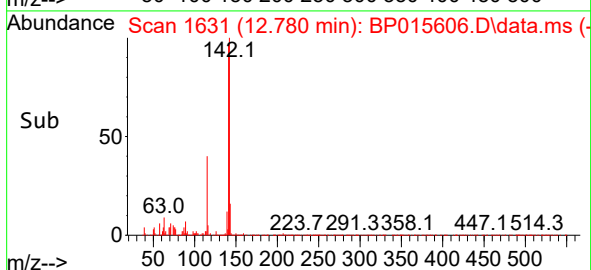
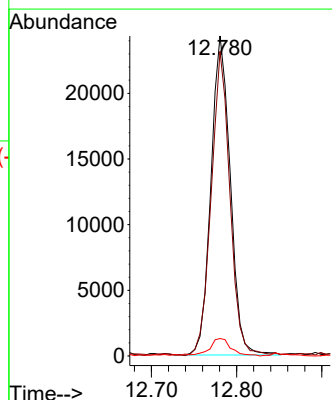
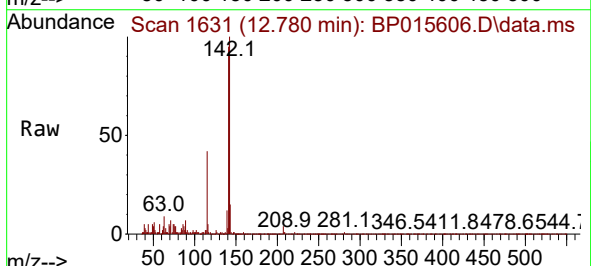
Instrument :
BNA_P
ClientSampleId :
DCFH1

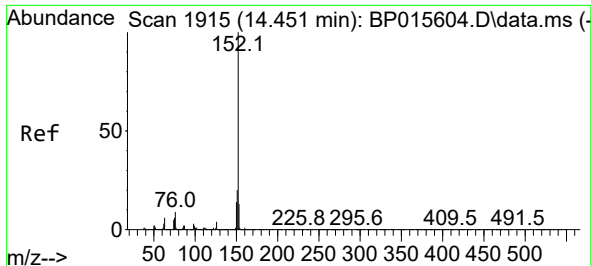
Tgt Ion:142 Resp: 31110
Ion Ratio Lower Upper
142 100
141 85.4 72.0 108.0



#37
1-Methylnaphthalene
Concen: 1.619 ng/ul
RT: 12.780 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

Tgt Ion:142 Resp: 38372
Ion Ratio Lower Upper
142 100
141 95.2 71.9 107.9
116 5.5 3.4 5.2#

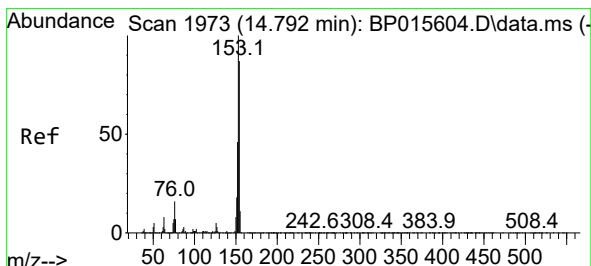
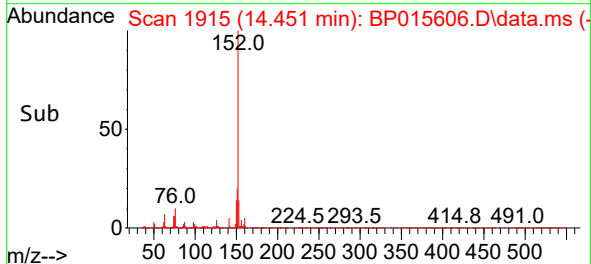
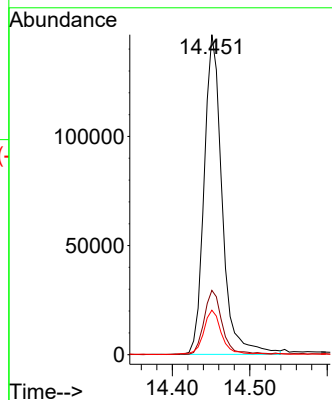
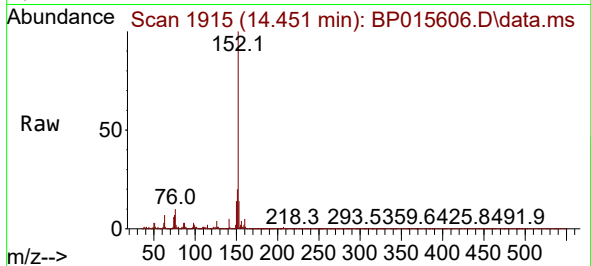




#50
Acenaphthylene
Concen: 5.861 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

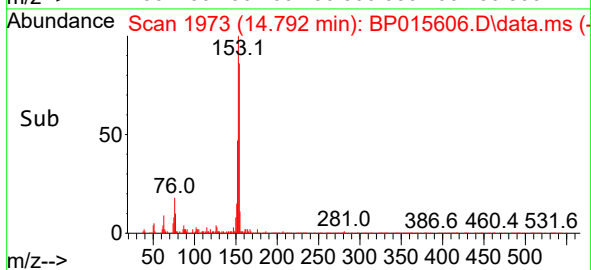
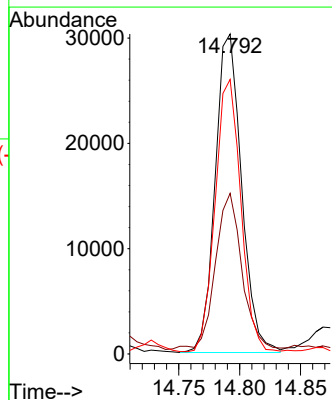
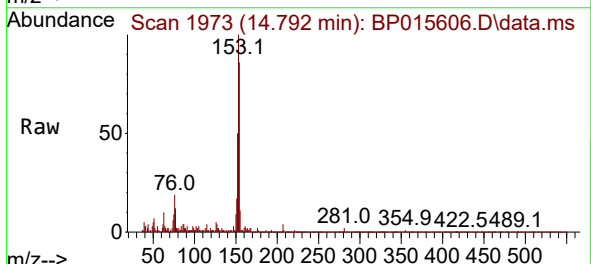
Instrument :
BNA_P
ClientSampleId :
DCFH1

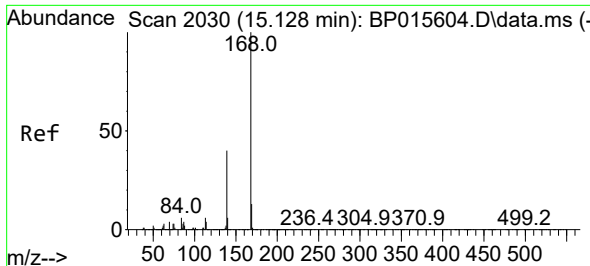
Tgt Ion:152 Resp: 235978
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.9 10.6 15.8



#52
Acenaphthene
Concen: 1.639 ng/ul
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

Tgt Ion:153 Resp: 45617
Ion Ratio Lower Upper
153 100
152 50.2 38.3 57.5
154 85.8 69.8 104.6

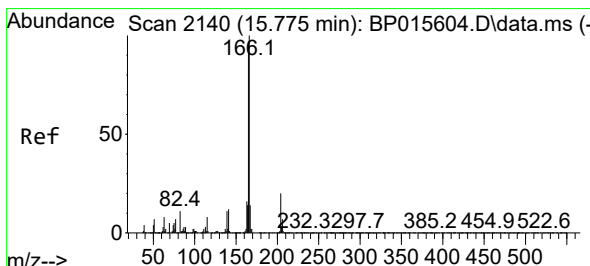
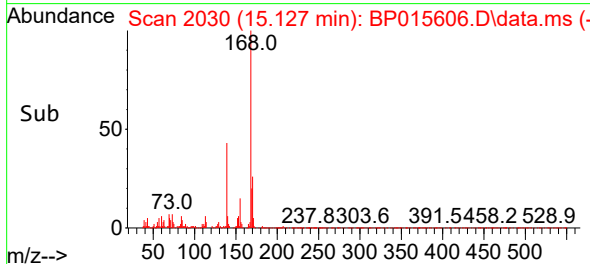
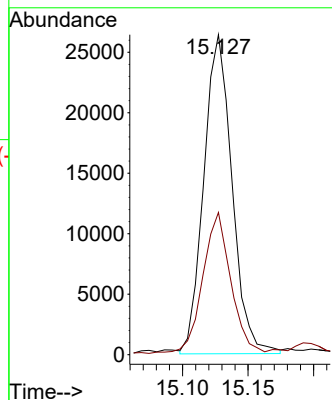
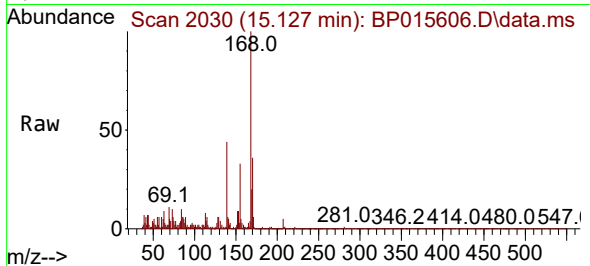




#56
Dibenzenofuran
Concen: 1.002 ng/ul
RT: 15.127 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

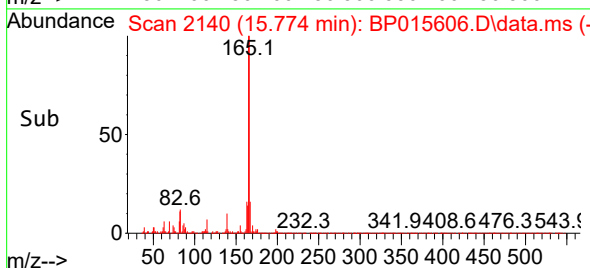
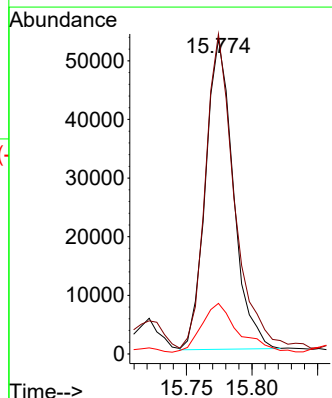
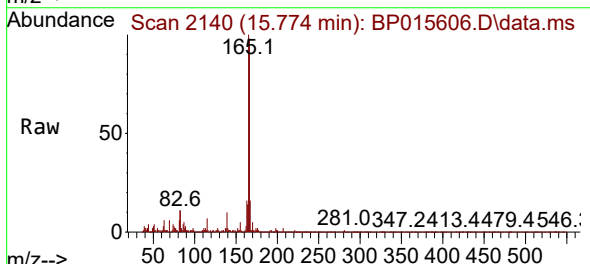
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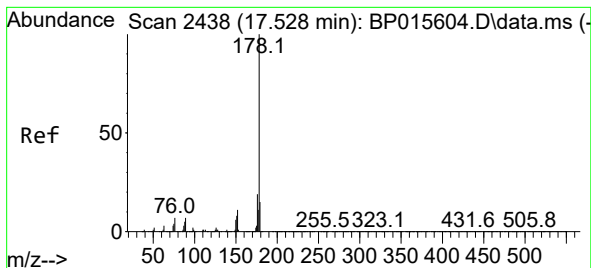
Tgt Ion:168 Resp: 39543
Ion Ratio Lower Upper
168 100
139 44.4 31.2 46.8



#61
Fluorene
Concen: 2.421 ng/ul
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

Tgt Ion:166 Resp: 77866
Ion Ratio Lower Upper
166 100
165 101.7 79.1 118.7
167 16.1 10.6 16.0#





#72

Phenanthrene

Concen: 39.724 ng/ul

RT: 17.527 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP015606.D

Acq: 19 Jun 2023 16:38

Instrument :

BNA_P

ClientSampleId :

DCFH1

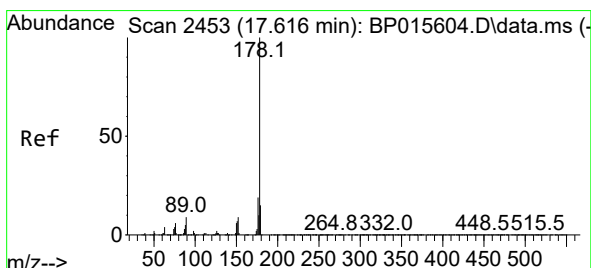
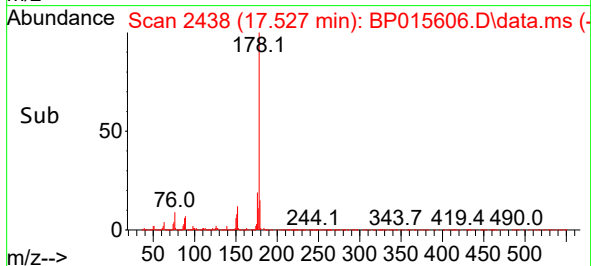
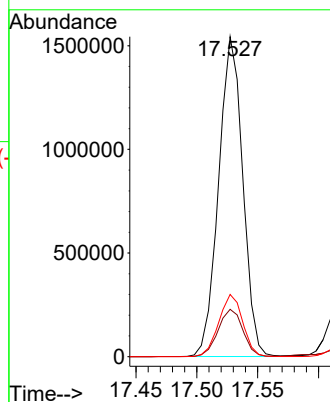
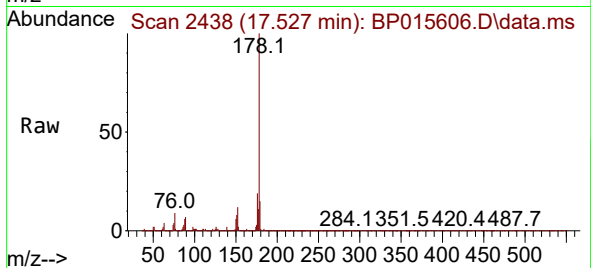
Tgt Ion:178 Resp: 2129635

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

176 19.5 15.4 23.0



#74

Anthracene

Concen: 6.726 ng/ul

RT: 17.616 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP015606.D

Acq: 19 Jun 2023 16:38

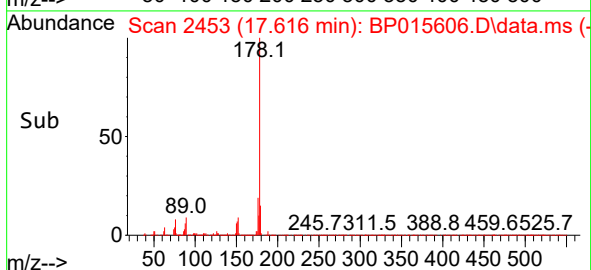
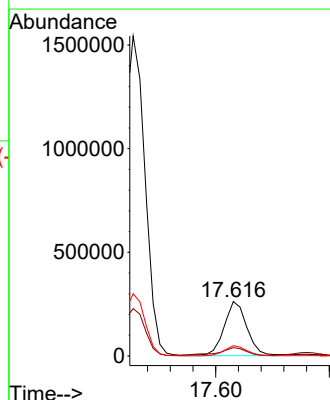
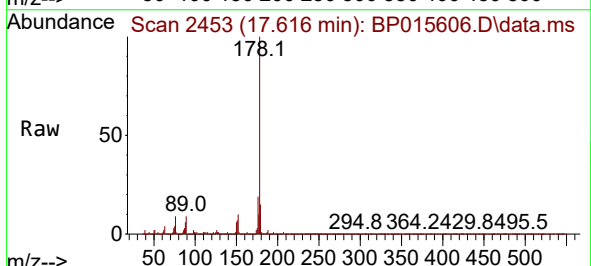
Tgt Ion:178 Resp: 365873

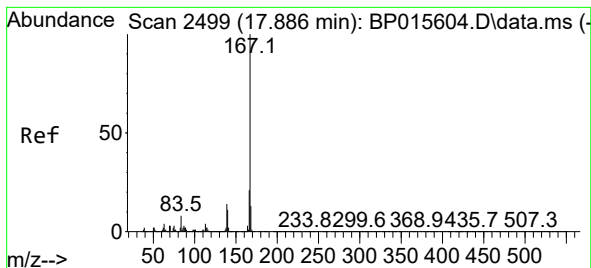
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.8 15.0 22.4





#77

Carbazole

Concen: 3.182 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BP015606.D

Acq: 19 Jun 2023 16:38

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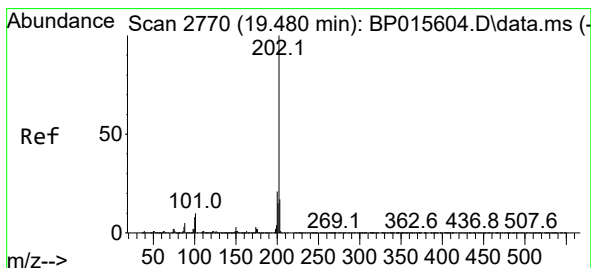
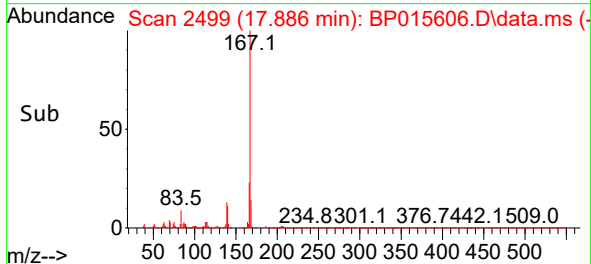
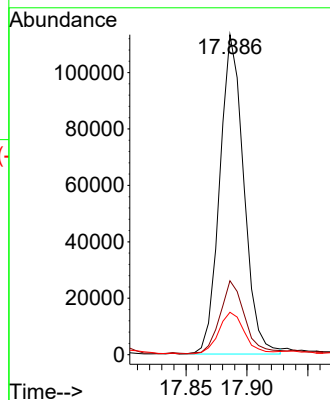
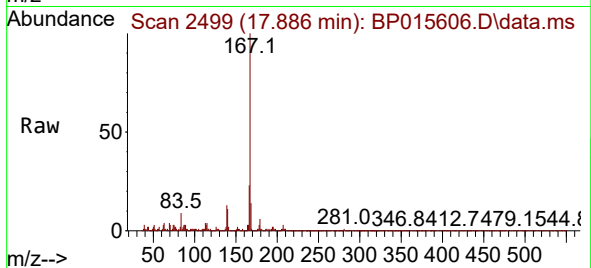
Tgt Ion:167 Resp: 155841

Ion Ratio Lower Upper

167 100

166 23.1 17.2 25.8

139 13.2 10.6 16.0



#80

Fluoranthene

Concen: 68.407 ng/ul

RT: 19.486 min Scan# 2771

Delta R.T. -0.000 min

Lab File: BP015606.D

Acq: 19 Jun 2023 16:38

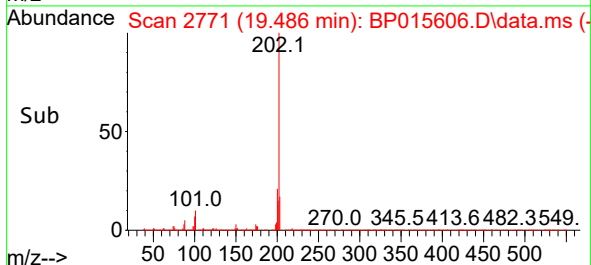
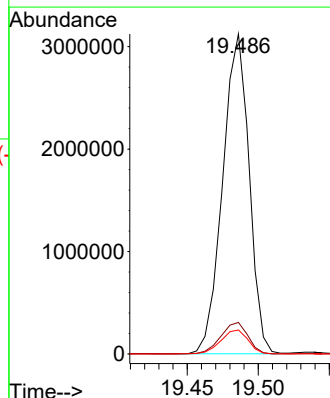
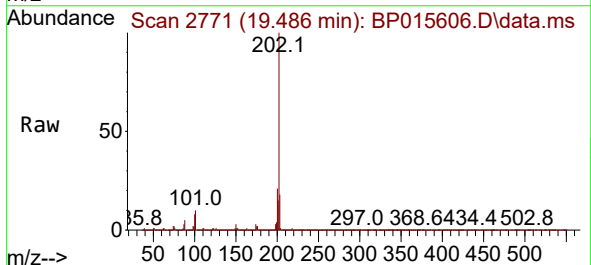
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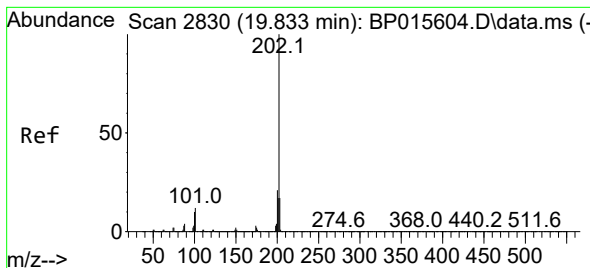
Ion Ratio Lower Upper

202 100

101 9.9 8.6 13.0

100 7.5 6.6 9.8





#82

Pyrene

Concen: 64.428 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.000 min

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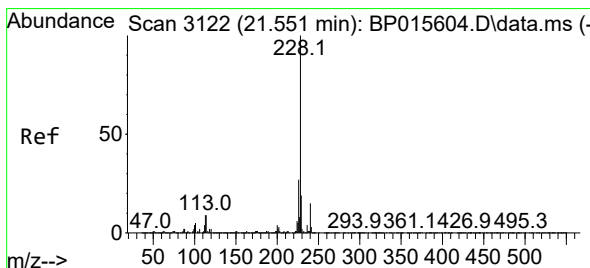
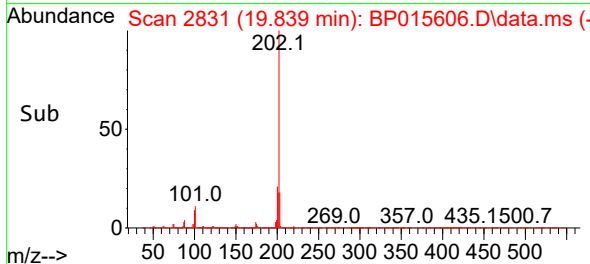
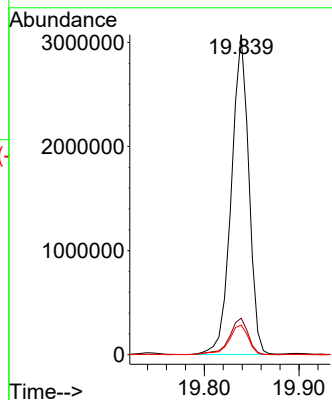
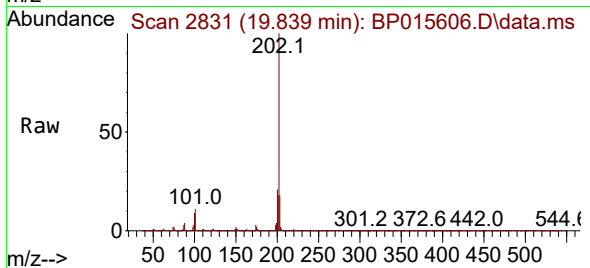
Tgt Ion:202 Resp: 3931433

Ion Ratio Lower Upper

202 100

101 11.4 9.9 14.9

100 9.3 8.4 12.6



#85

Benzo(a)anthracene

Concen: 32.292 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015606.D

Acq: 19 Jun 2023 16:38

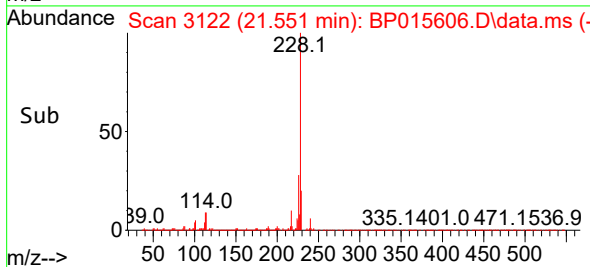
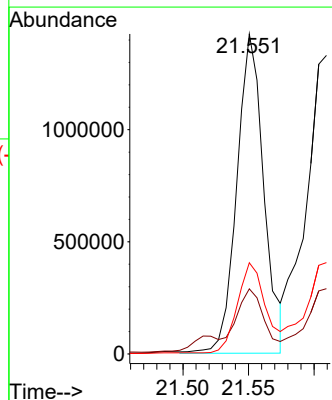
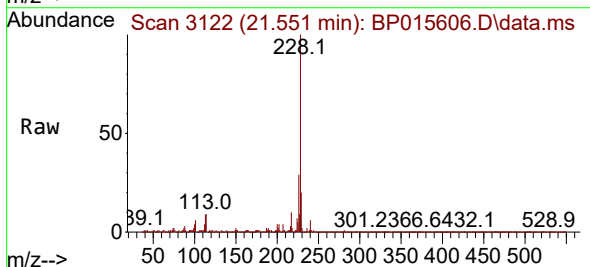
Tgt Ion:228 Resp: 2042353

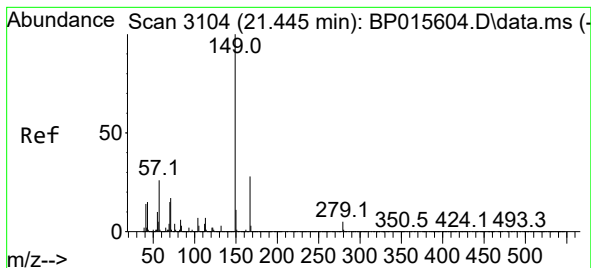
Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.6

226 28.5 21.8 32.6

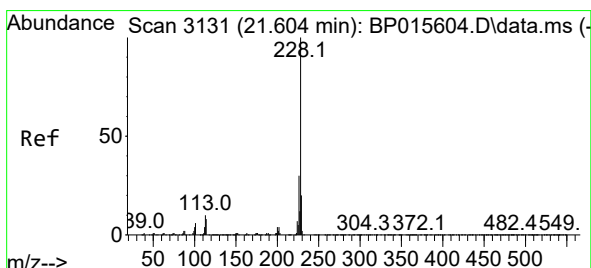
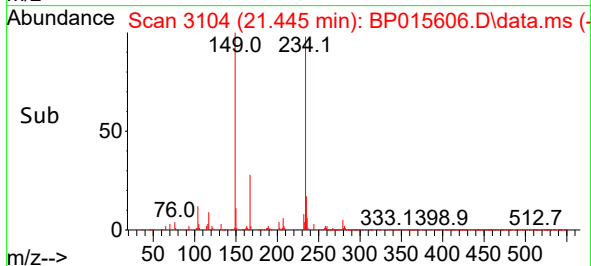
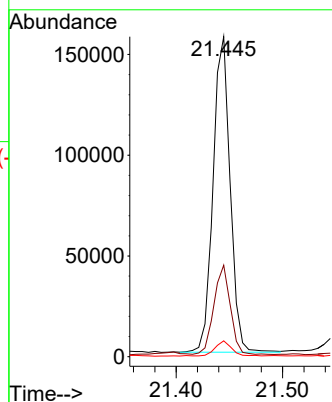
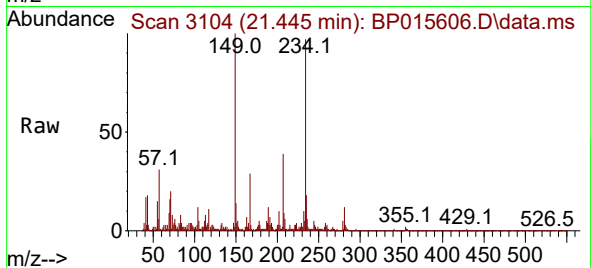




#86
Bis(2-ethylhexyl)phthalate
Concen: 4.372 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

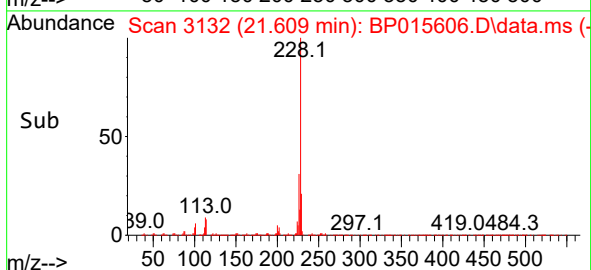
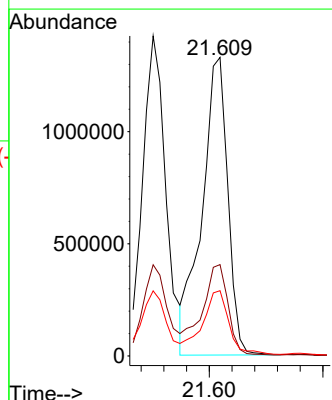
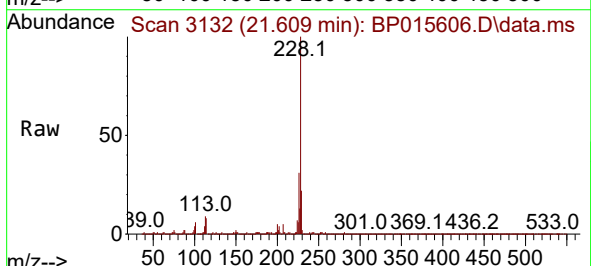
Instrument :
BNA_P
ClientSampleId :
DCFH1

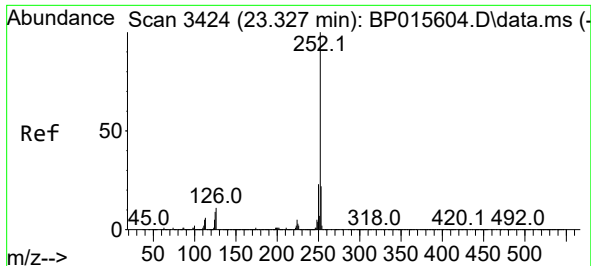
Tgt Ion:149 Resp: 174272
Ion Ratio Lower Upper
149 100
167 28.6 21.8 32.8
279 4.9 3.7 5.5



#87
Chrysene
Concen: 35.174 ng/ul
RT: 21.609 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

Tgt Ion:228 Resp: 2102713
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 21.8 15.1 22.7

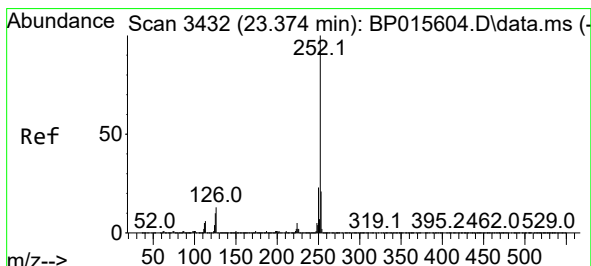
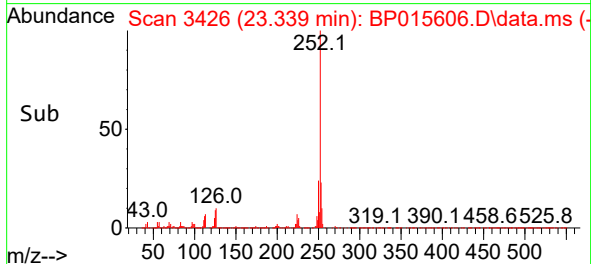
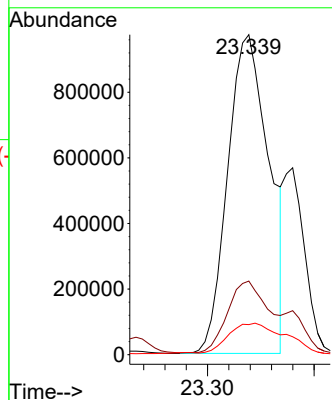
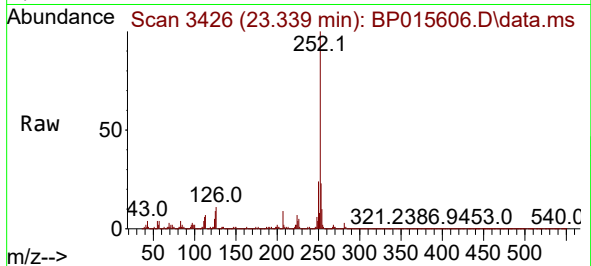




#90
Benzo(b)fluoranthene
Concen: 43.139 ng/ul
RT: 23.339 min Scan# 3426
Delta R.T. 0.011 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

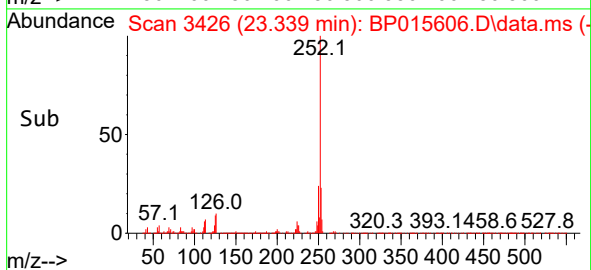
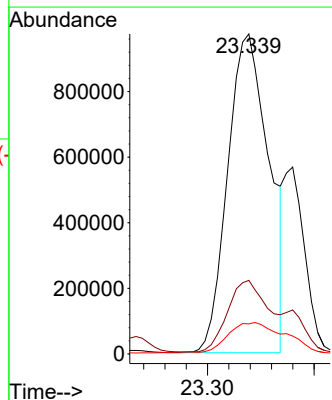
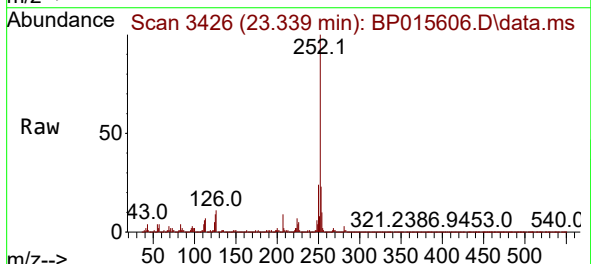
Instrument :
BNA_P
ClientSampleId :
DCFH1

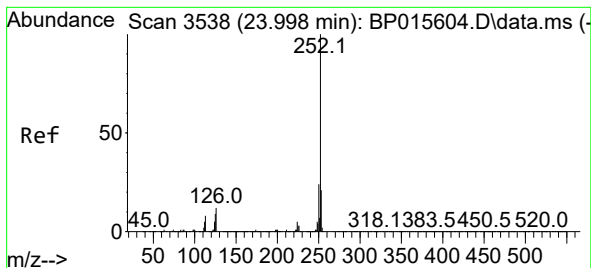
Tgt Ion:252 Resp: 2624441
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 9.4 7.3 10.9

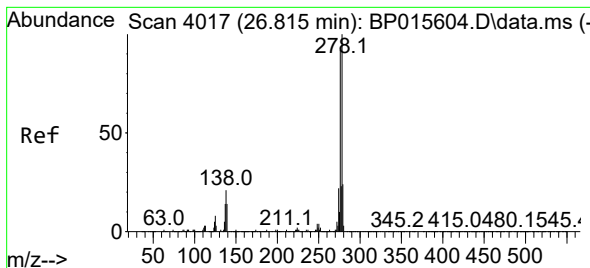


#91
Benzo(k)fluoranthene
Concen: 44.627 ng/ul
RT: 23.339 min Scan# 3426
Delta R.T. -0.042 min
Lab File: BP015606.D
Acq: 19 Jun 2023 16:38

Tgt Ion:252 Resp: 2624441
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 9.4 7.3 10.9







#95

Dibenzo(a,h)anthracene

Concen: 5.825 ng/ul

RT: 26.809 min Scan# 4017

Delta R.T. -0.018 min

Lab File: BP015606.D

Acq: 19 Jun 2023 16:38

Instrument :

BNA_P

ClientSampleId :

DCFH1

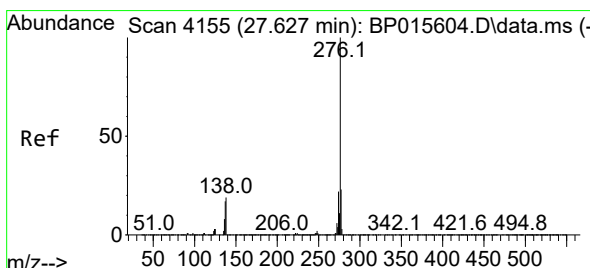
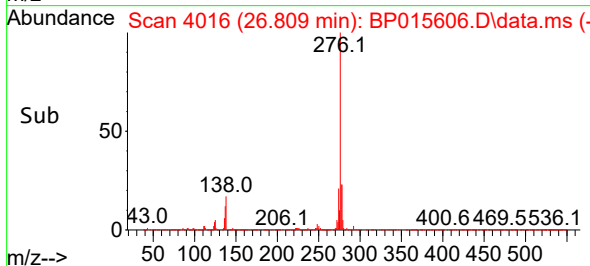
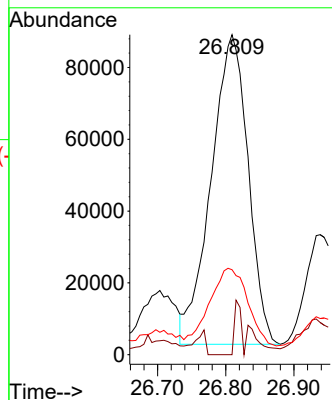
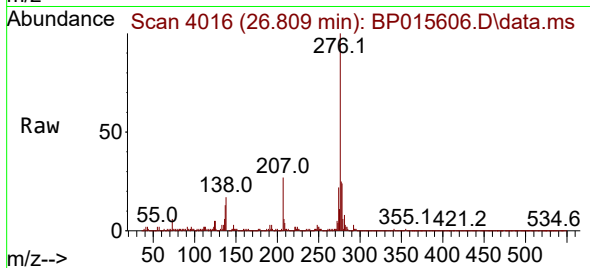
Tgt Ion:278 Resp: 325767

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 26.5 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 18.963 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. -0.000 min

Lab File: BP015606.D

Acq: 19 Jun 2023 16:38

Tgt Ion:276 Resp: 1072723

Ion Ratio Lower Upper

276 100

138 18.3 15.6 23.4

277 23.3 19.0 28.6

