

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015611.D
 Acq On : 19 Jun 2023 19:29
 Operator : MA/JU
 Sample : 03080-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ6

Quant Time: Jun 19 22:28:29 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

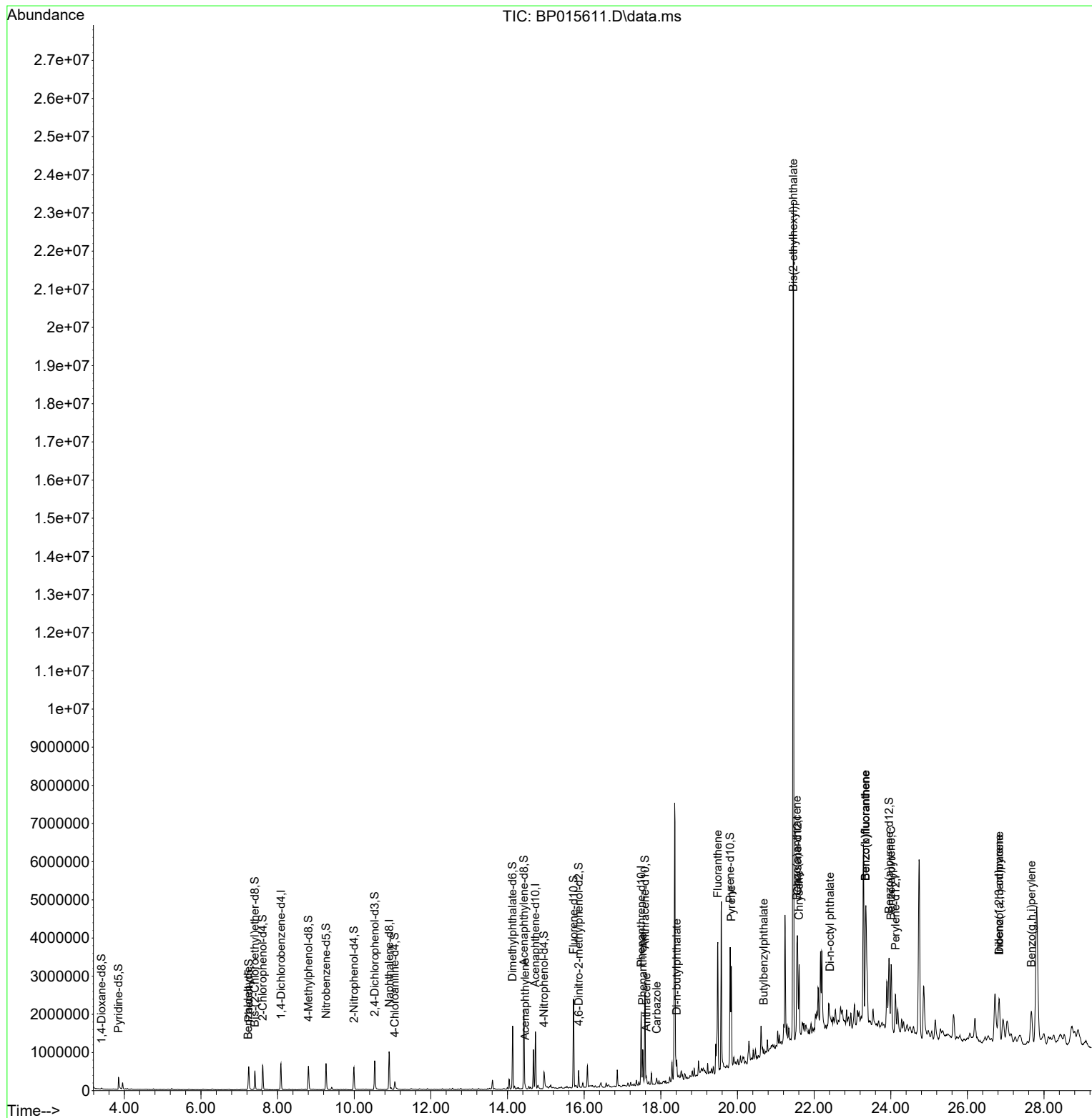
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	178582	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	781540	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	476736	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	1065049	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	799652	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	853718	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	13034	2.703	ng/uL	0.00
4) Pyridine-d5	3.846	84	179717	14.347	ng/ul	0.00
7) Phenol-d5	7.246	99	335303	20.381	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	220456	22.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	274978	23.053	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	226746	16.793	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	147204	23.991	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	169984	24.259	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	279758	21.887	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	130955	7.138	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	993869	26.437	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1113348	27.084	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	117530	17.458	ng/ul	0.02
60) Fluorene-d10	15.722	176	835939	26.369	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	89760	13.303	ng/ul	0.00
73) Anthracene-d10	17.586	188	1300104	26.829	ng/ul	0.00
81) Pyrene-d10	19.810	212	1433897	33.503	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1144106	26.709	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.228	77	12532	1.993	ng/ul	93
50) Acenaphthylene	14.457	152	57204	1.257	ng/ul	98
72) Phenanthrene	17.528	178	527233	9.225	ng/ul	99
74) Anthracene	17.622	178	132440	2.284	ng/ul	98
77) Carbazole	17.892	167	93323	1.787	ng/ul	99
78) Di-n-butylphthalate	18.416	149	265177	4.003	ng/ul	99
80) Fluoranthene	19.486	202	1586288	30.428	ng/ul	98
82) Pyrene	19.839	202	1454263	26.963	ng/ul	96
83) Butylbenzylphthalate	20.686	149	41305	1.733	ng/ul	91
85) Benzo(a)anthracene	21.551	228	990269	17.714	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	11227671	318.643	ng/ul#	95
87) Chrysene	21.610	228	1072462	20.297	ng/ul	97
89) Di-n-octyl phthalate	22.416	149	80749	1.439	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2002914	36.346	ng/ul	96
91) Benzo(k)fluoranthene	23.339	252	2002914	37.599	ng/ul	96
93) Benzo(a)pyrene	24.010	252	1418224	29.518	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.827	276	1302538	20.948	ng/ul	96
95) Dibenzo(a,h)anthracene	26.833	278	349028	6.890	ng/ul#	78
96) Benzo(g,h,i)perylene	27.668	276	1271041	24.805	ng/ul	97

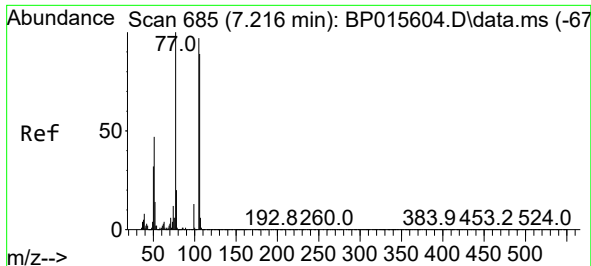
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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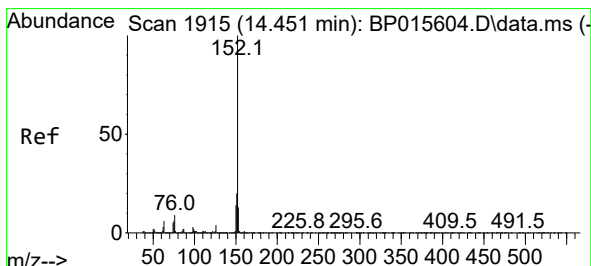
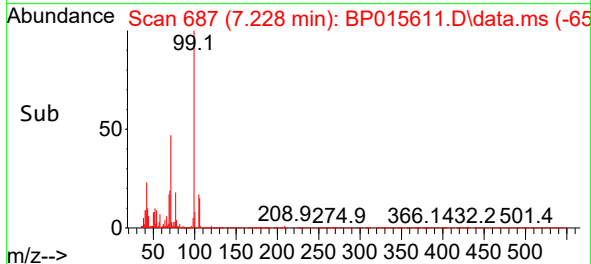
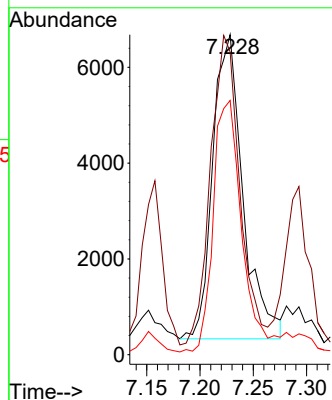
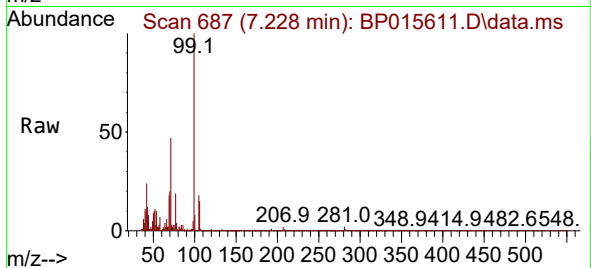




#6
Benzaldehyde
Concen: 1.993 ng/ul
RT: 7.228 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

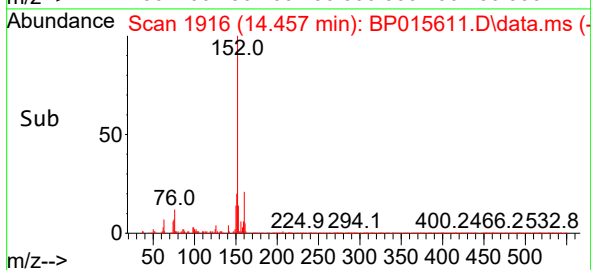
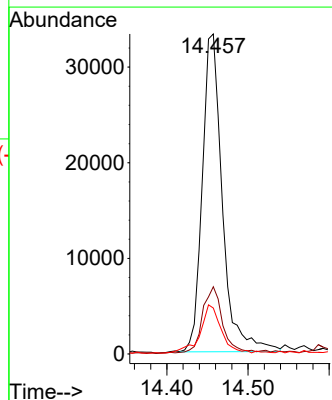
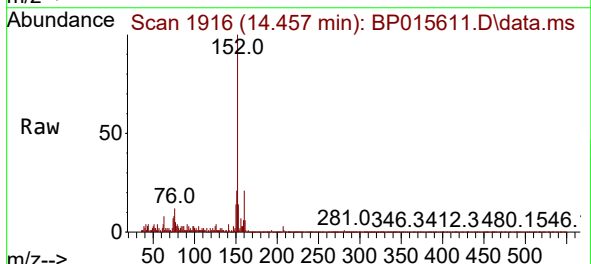
Instrument :
BNA_P
ClientSampleId :
DCFJ6

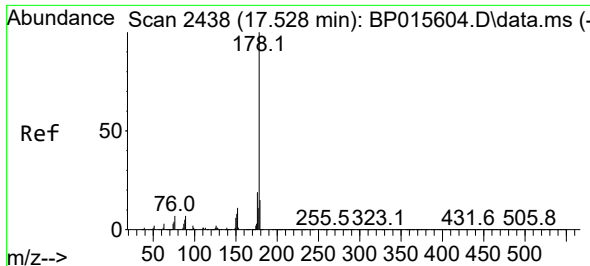
Tgt Ion: 77 Resp: 12532
Ion Ratio Lower Upper
77 100
105 94.7 77.3 115.9
106 79.5 73.3 109.9



#50
Acenaphthylene
Concen: 1.257 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

Tgt Ion: 152 Resp: 57204
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 14.3 10.6 15.8

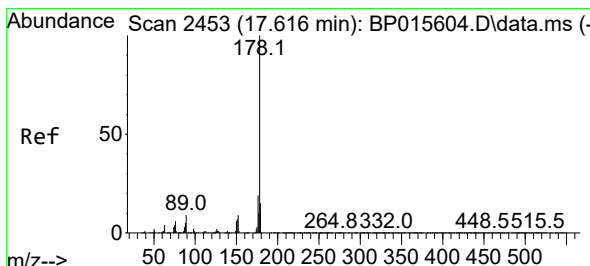
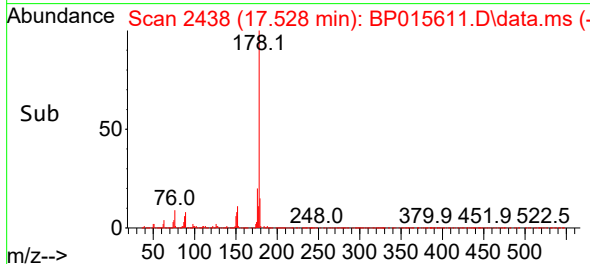
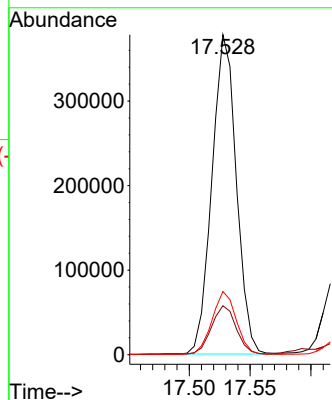
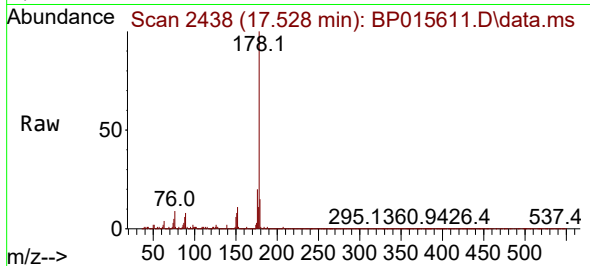




#72
Phenanthrene
Concen: 9.225 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

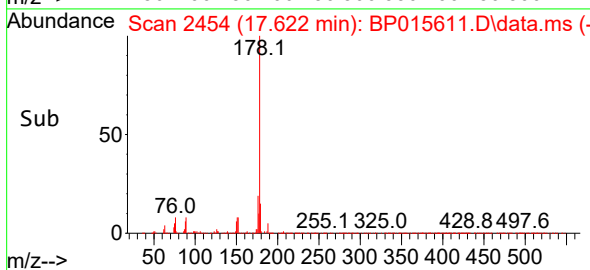
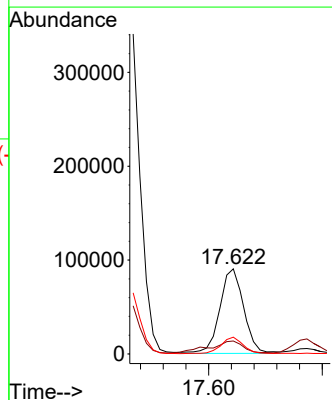
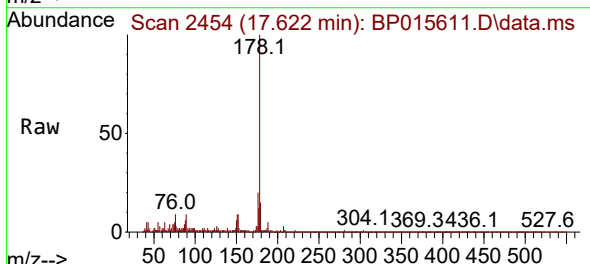
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BNA_P
ClientSampleId :
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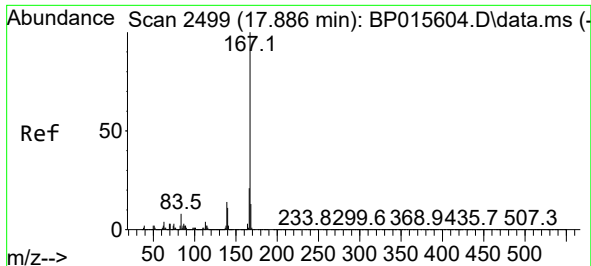
Tgt Ion:178 Resp: 527233
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.8 15.4 23.0



#74
Anthracene
Concen: 2.284 ng/ul
RT: 17.622 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

Tgt Ion:178 Resp: 132440
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.7 15.0 22.4

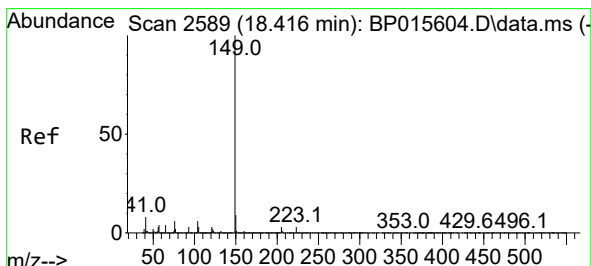
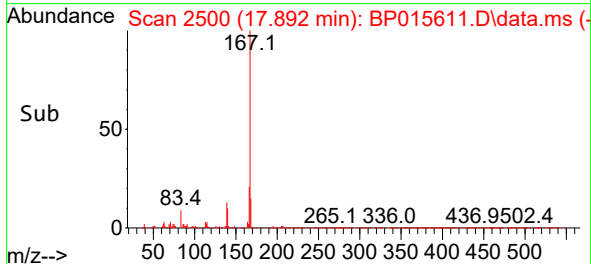
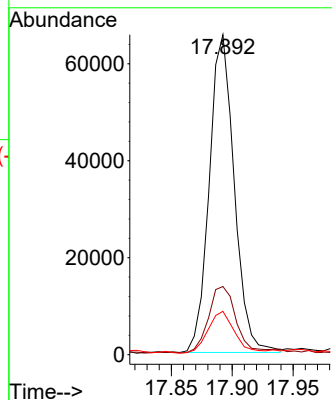
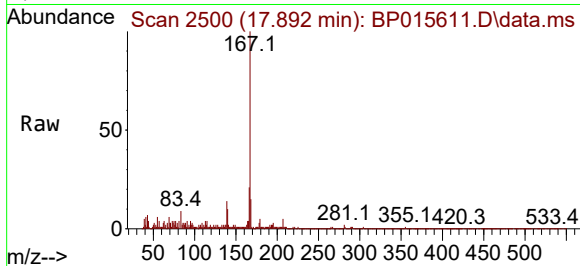




#77
Carbazole
Concen: 1.787 ng/ul
RT: 17.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

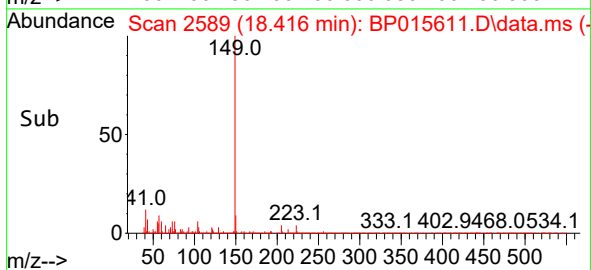
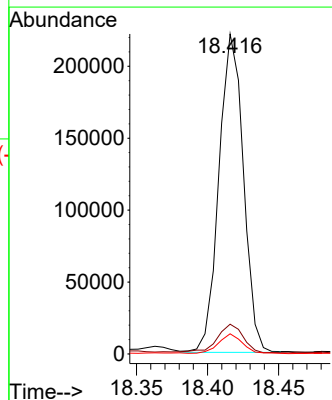
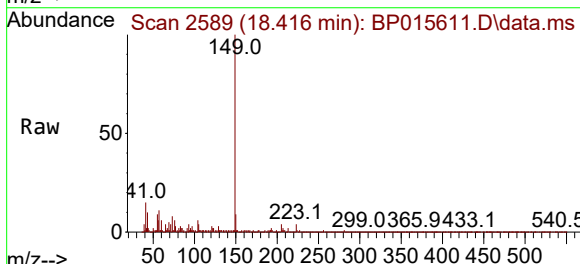
Instrument :
BNA_P
ClientSampleId :
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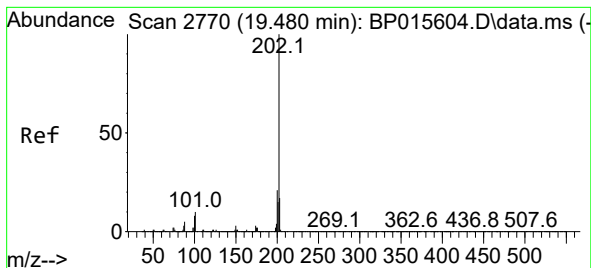
Tgt Ion:167 Resp: 93323
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 13.5 10.6 16.0



#78
Di-n-butylphthalate
Concen: 4.003 ng/ul
RT: 18.416 min Scan# 2589
Delta R.T. -0.000 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

Tgt Ion:149 Resp: 265177
Ion Ratio Lower Upper
149 100
150 9.3 7.1 10.7
104 6.3 4.5 6.7





#80

Fluoranthene

Concen: 30.428 ng/ul

RT: 19.486 min Scan# 2770

Delta R.T. -0.000 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

Instrument :

BNA_P

ClientSampleId :

DCFJ6

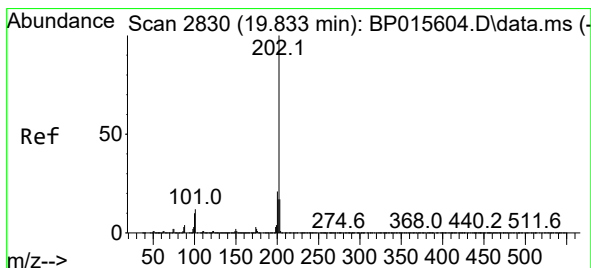
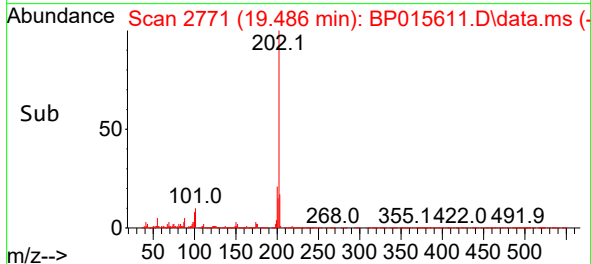
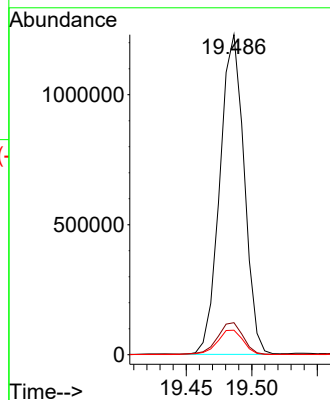
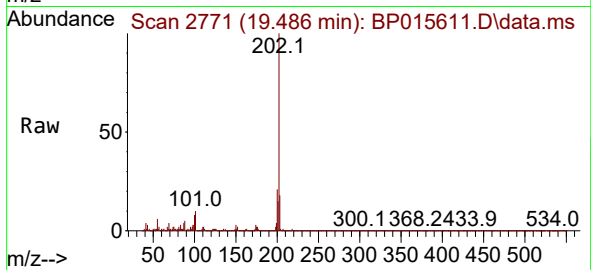
Tgt Ion:202 Resp: 1586288

Ion Ratio Lower Upper

202 100

101 10.0 8.6 13.0

100 7.7 6.6 9.8



#82

Pyrene

Concen: 26.963 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. -0.000 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

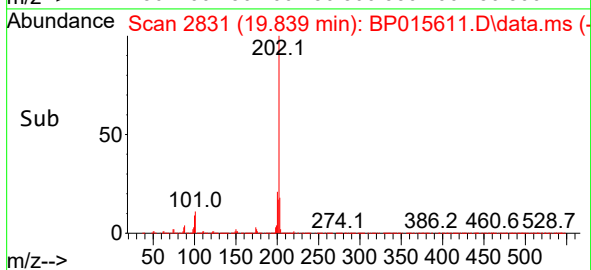
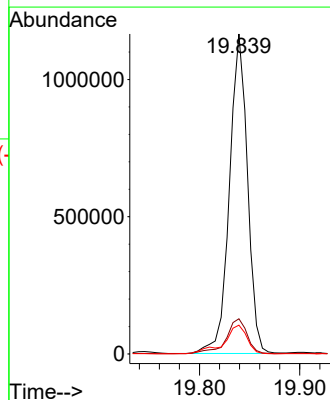
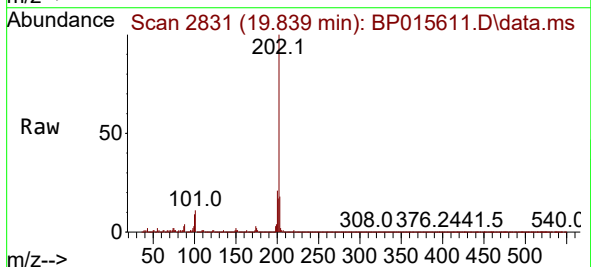
Tgt Ion:202 Resp: 1454263

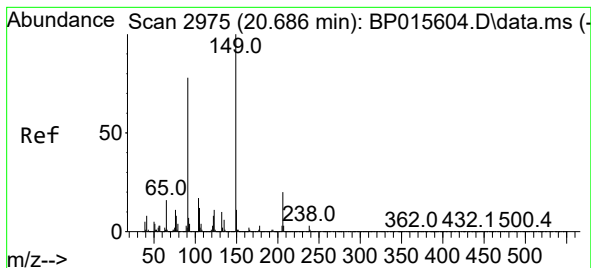
Ion Ratio Lower Upper

202 100

101 11.0 9.9 14.9

100 9.0 8.4 12.6





#83

Butylbenzylphthalate

Concen: 1.733 ng/ul

RT: 20.686 min Scan# 2975

Delta R.T. -0.006 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

Instrument :

BNA_P

ClientSampleId :

DCFJ6

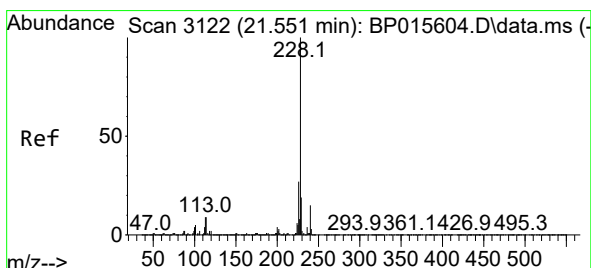
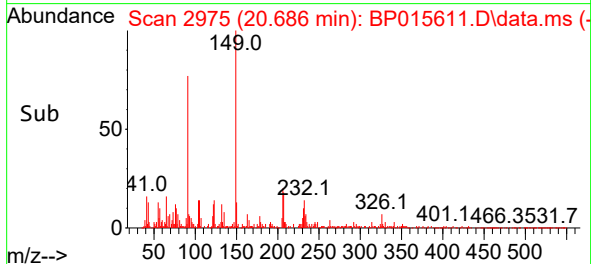
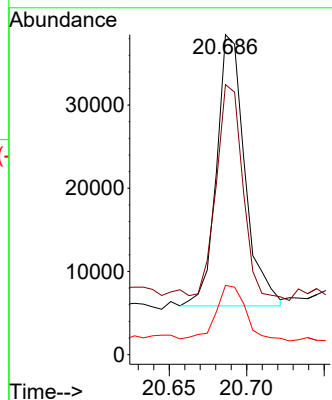
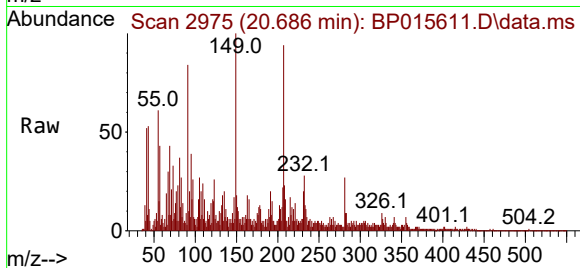
Tgt Ion:149 Resp: 41305

Ion Ratio Lower Upper

149 100

91 84.4 60.4 90.6

206 21.6 16.4 24.6



#85

Benzo(a)anthracene

Concen: 17.714 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

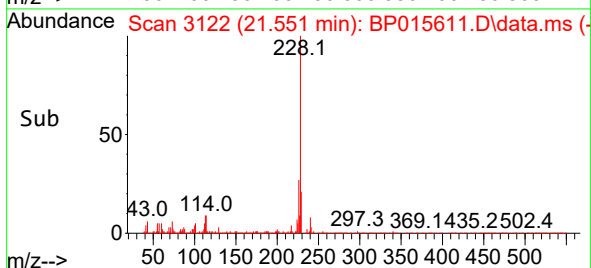
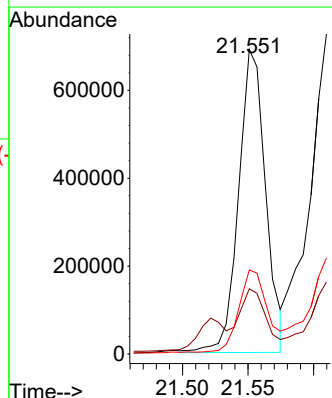
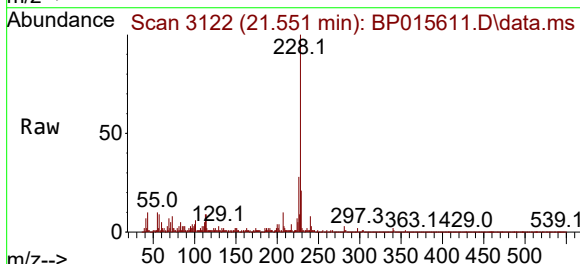
Tgt Ion:228 Resp: 990269

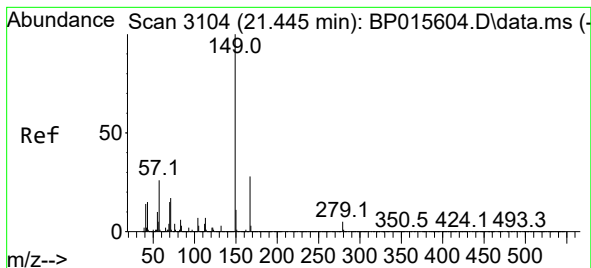
Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

226 27.6 21.8 32.6

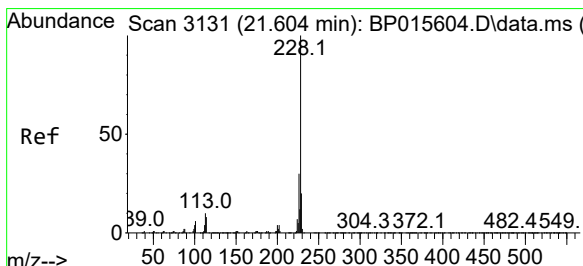
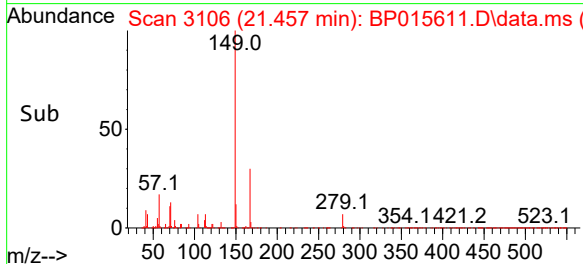
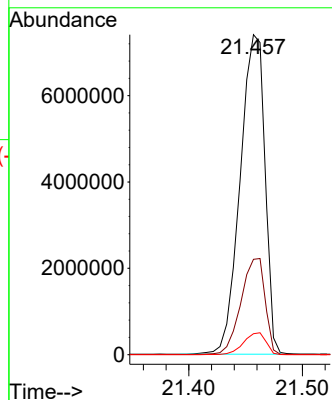
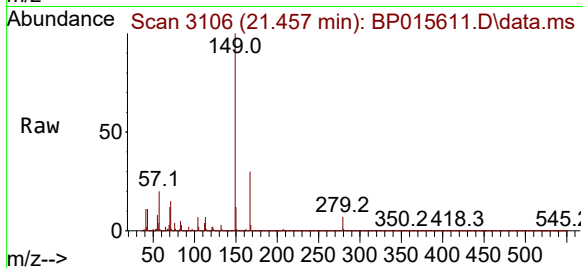




#86
Bis(2-ethylhexyl)phthalate
Concen: 318.643 ng/ul
RT: 21.457 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

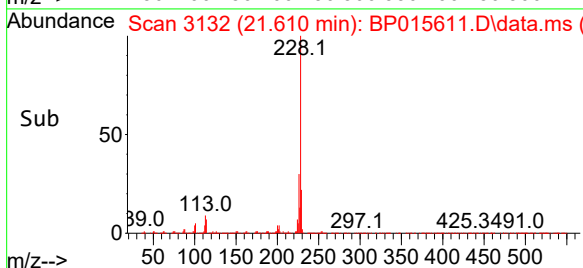
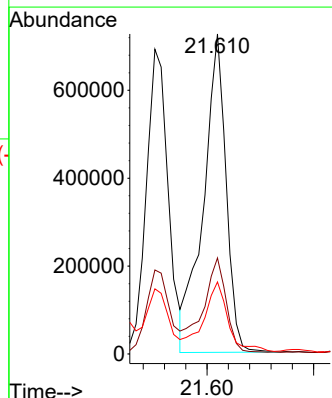
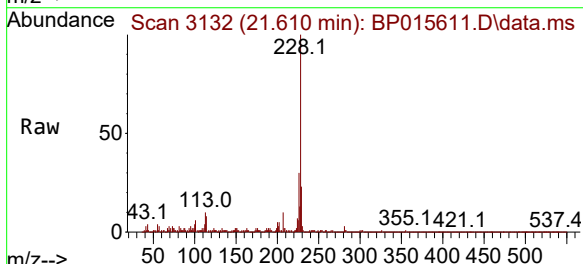
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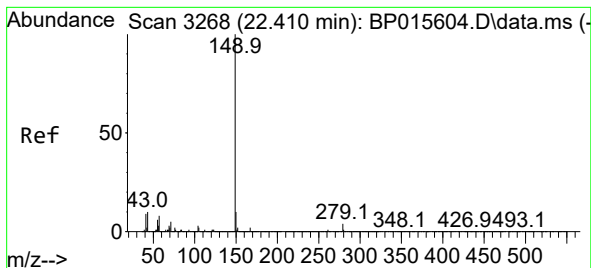
Tgt Ion:149 Resp:11227671
Ion Ratio Lower Upper
149 100
167 29.8 21.8 32.8
279 6.6 3.7 5.5#



#87
Chrysene
Concen: 20.297 ng/ul
RT: 21.610 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

Tgt Ion:228 Resp: 1072462
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 22.5 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 1.439 ng/ul

RT: 22.416 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

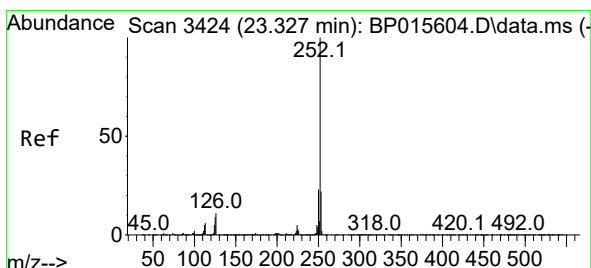
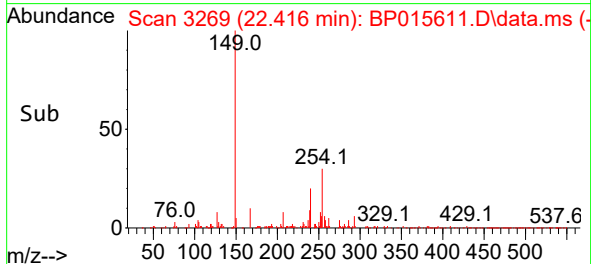
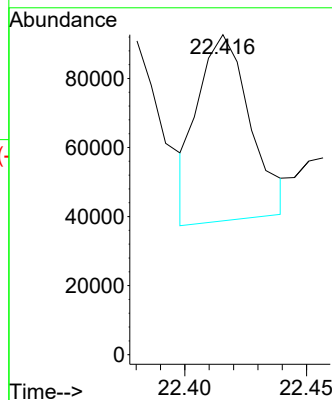
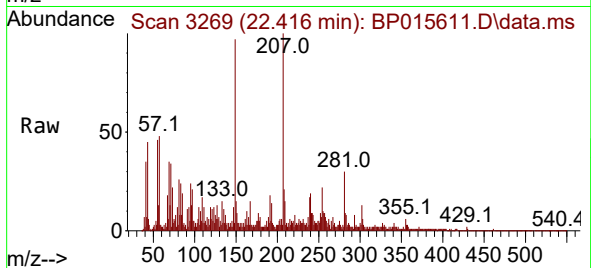
Instrument :

BNA_P

ClientSampleId :

DCFJ6

Tgt Ion:149 Resp: 80749



#90

Benzo(b)fluoranthene

Concen: 36.346 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. 0.012 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

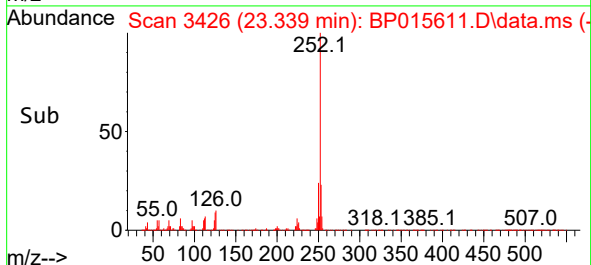
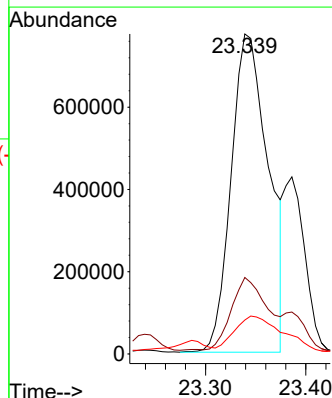
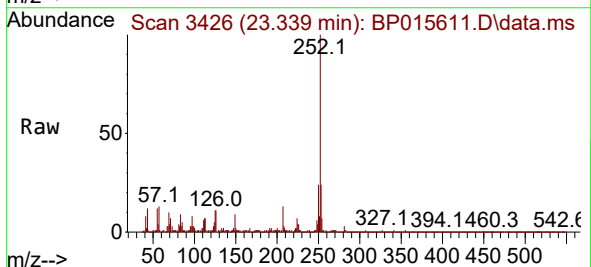
Tgt Ion:252 Resp: 2002914

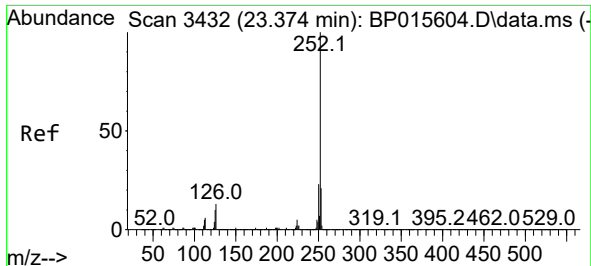
Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.2

125 10.6 7.3 10.9

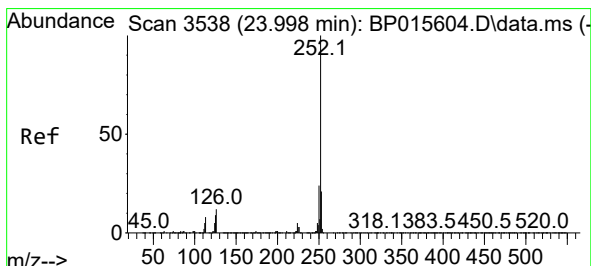
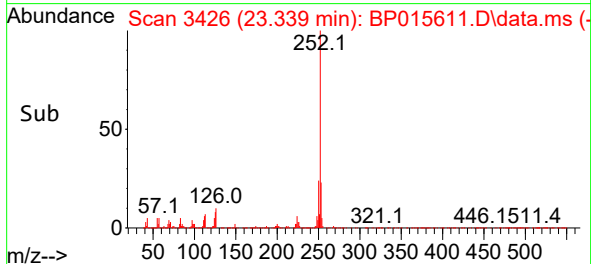
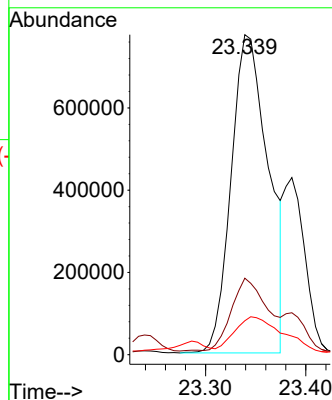
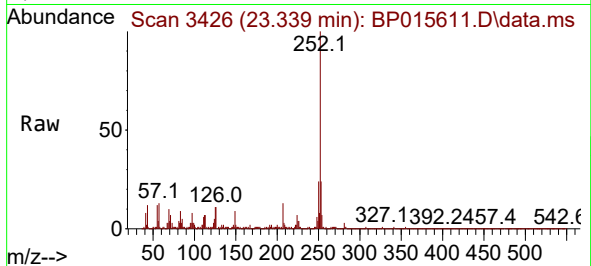




#91
Benzo(k)fluoranthene
Concen: 37.599 ng/u1
RT: 23.339 min Scan# 34
Delta R.T. -0.041 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

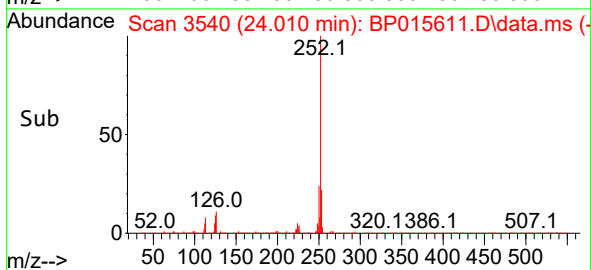
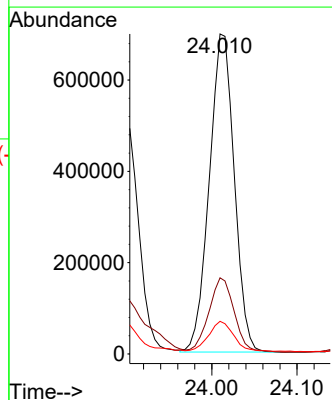
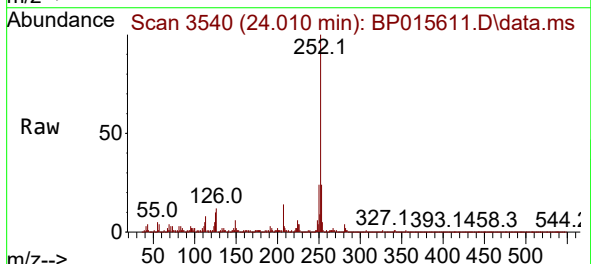
Instrument :
BNA_P
ClientSampleId :
DCFJ6

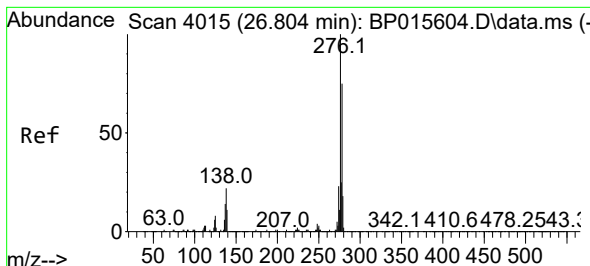
Tgt Ion:252 Resp: 2002914
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 10.6 7.3 10.9



#93
Benzo(a)pyrene
Concen: 29.518 ng/u1
RT: 24.010 min Scan# 3540
Delta R.T. 0.006 min
Lab File: BP015611.D
Acq: 19 Jun 2023 19:29

Tgt Ion:252 Resp: 1418224
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 10.2 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.948 ng/ul

RT: 26.827 min Scan# 4019

Delta R.T. 0.018 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

Instrument :

BNA_P

ClientSampleId :

DCFJ6

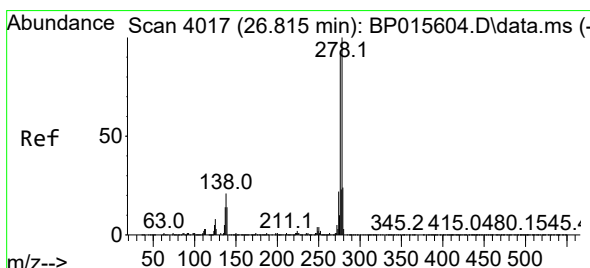
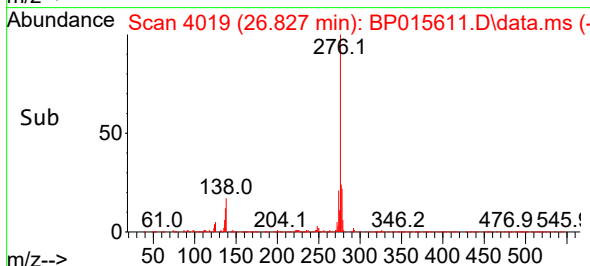
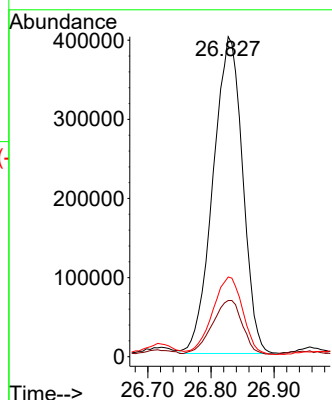
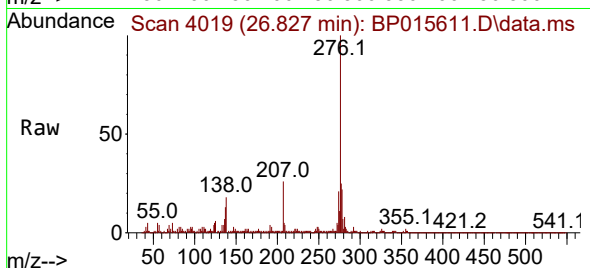
Tgt Ion:276 Resp: 1302538

Ion Ratio Lower Upper

276 100

138 17.6 17.3 25.9

277 24.9 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 6.890 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. 0.006 min

Lab File: BP015611.D

Acq: 19 Jun 2023 19:29

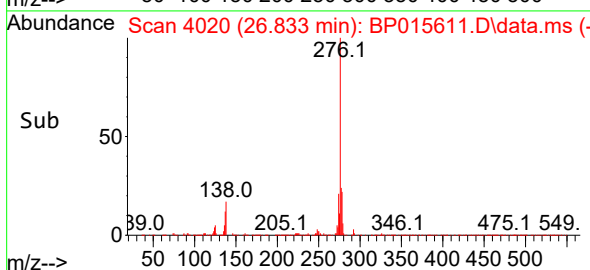
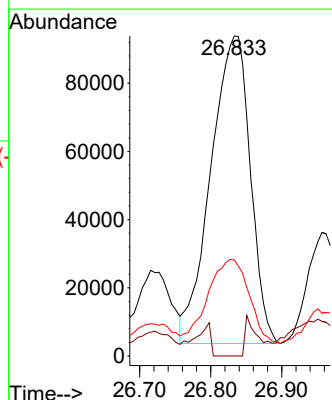
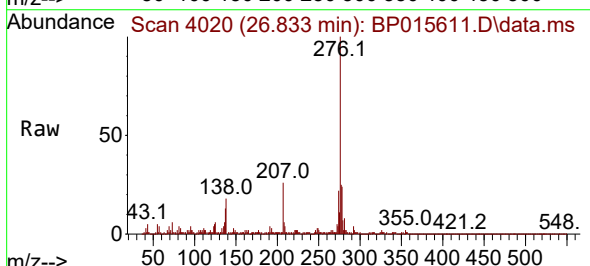
Tgt Ion:278 Resp: 349028

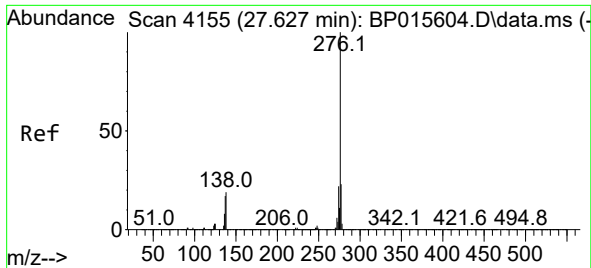
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 30.0 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 24.805 ng/ul
 RT: 27.668 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: BP015611.D
 Acq: 19 Jun 2023 19:29

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ6

Tgt Ion:276 Resp: 1271041
 Ion Ratio Lower Upper
 276 100
 138 17.0 15.6 23.4
 277 24.4 19.0 28.6

