

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015614.D
 Acq On : 19 Jun 2023 21:10
 Operator : MA/JU
 Sample : 03080-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ3

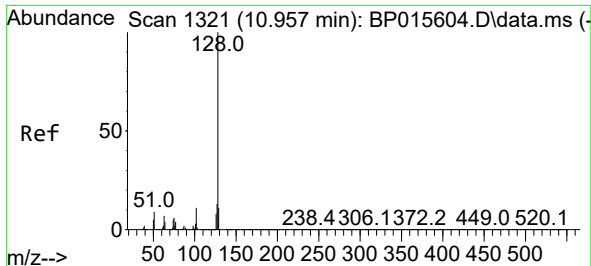
Quant Time: Jun 19 22:29:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	147944	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	645621	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	413514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.487	188	881851	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	590470	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	665563	20.000	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	16715	4.184	ng/uL	0.00
4) Pyridine-d5	3.852	84	179882	17.334	ng/ul	0.00
7) Phenol-d5	7.246	99	431337	31.647	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	265706	32.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	352805	35.703	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	335629	30.004	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	182613	36.027	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	209996	36.278	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	362329	34.314	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	153632	10.136	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	1139279	34.939	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	1309061	36.714	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	136932	23.450	ng/ul	0.02
60) Fluorene-d10	15.722	176	977539	35.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	105447	18.875	ng/ul	0.00
73) Anthracene-d10	17.587	188	1497352	37.319	ng/ul	0.00
81) Pyrene-d10	19.810	212	1518983	48.065	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1243135	37.225	ng/ul	0.01

Target Compounds				Qvalue		
30) Naphthalene	10.963	128	65367	1.868	ng/ul	96
50) Acenaphthylene	14.457	152	261863	6.632	ng/ul	100
52) Acenaphthene	14.793	153	39648	1.453	ng/ul	98
61) Fluorene	15.775	166	39368	1.248	ng/ul	93
72) Phenanthrene	17.528	178	1160747	24.528	ng/ul	99
74) Anthracene	17.622	178	361392	7.526	ng/ul	99
77) Carbazole	17.887	167	185689	4.295	ng/ul	97
78) Di-n-butylphthalate	18.416	149	77649	1.416	ng/ul#	97
80) Fluoranthene	19.486	202	3624400	94.151	ng/ul	98
82) Pyrene	19.839	202	3318426	83.322	ng/ul	98
83) Butylbenzylphthalate	20.686	149	36663	2.083	ng/ul#	92
85) Benzo(a)anthracene	21.557	228	1803489	43.691	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.445	149	387040	14.876	ng/ul	98
87) Chrysene	21.610	228	2066730	52.970	ng/ul	97
90) Benzo(b)fluoranthene	23.351	252	4151903	96.641	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	4151903	99.974	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2588358	69.103	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	2343785	48.350	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.851	278	592446	15.001	ng/ul#	80
96) Benzo(g,h,i)perylene	27.692	276	2199136	55.049	ng/ul	97

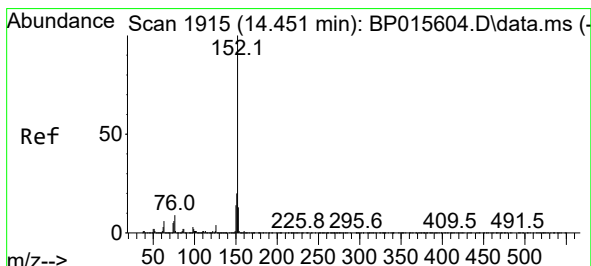
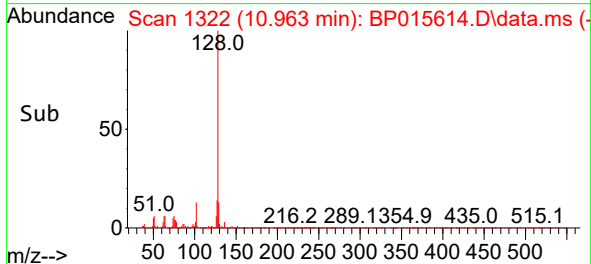
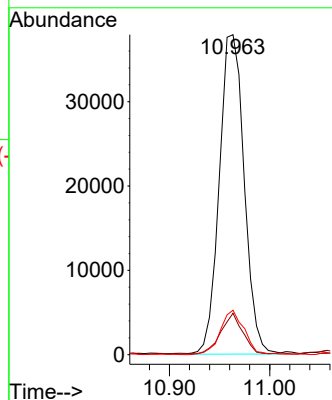
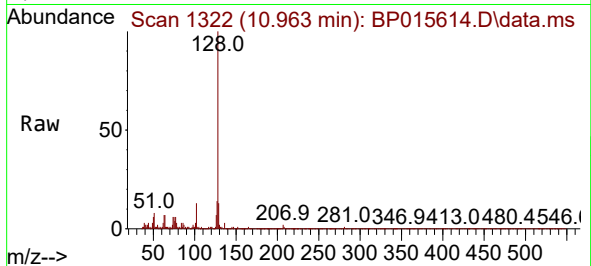
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#30
Naphthalene
Concen: 1.868 ng/ul
RT: 10.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

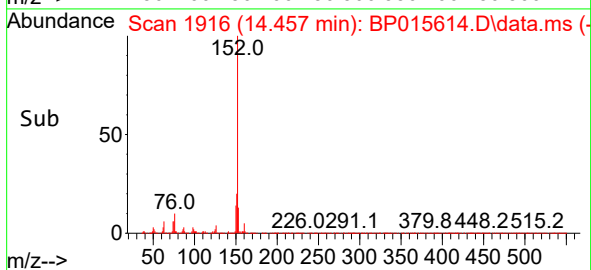
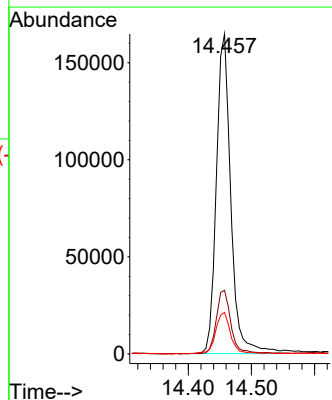
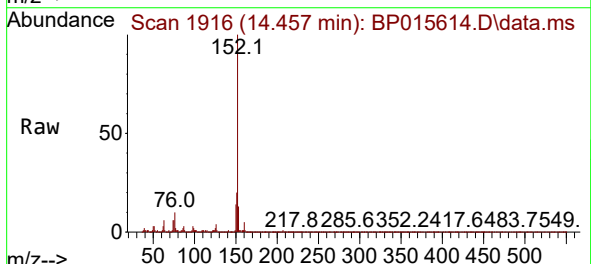
Instrument :
BNA_P
ClientSampleId :
DCFJ3

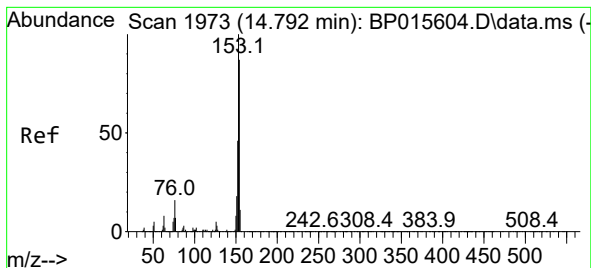
Tgt Ion:128 Resp: 65367
Ion Ratio Lower Upper
128 100
129 13.0 8.6 13.0
127 13.9 10.5 15.7



#50
Acenaphthylene
Concen: 6.632 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Tgt Ion:152 Resp: 261863
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.0 10.6 15.8





#52

Acenaphthene

Concen: 1.453 ng/ul

RT: 14.793 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Instrument :

BNP_P

ClientSampleId :

DCFJ3

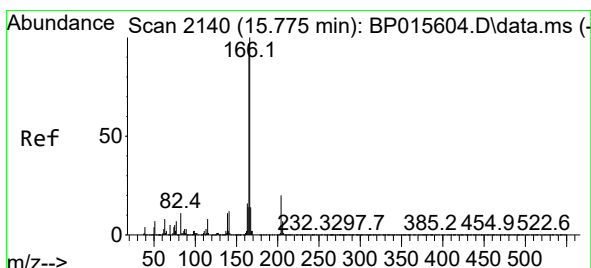
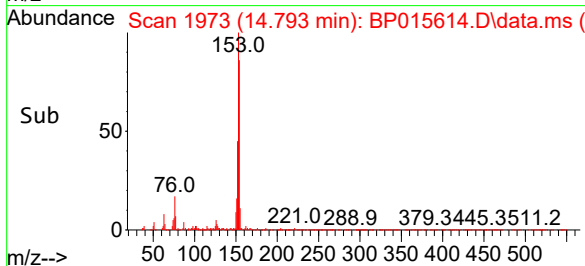
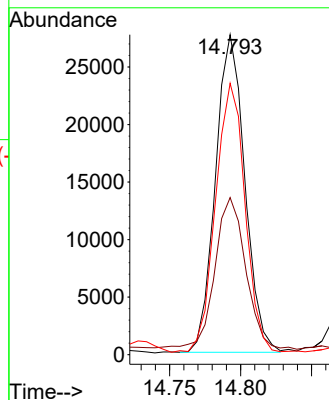
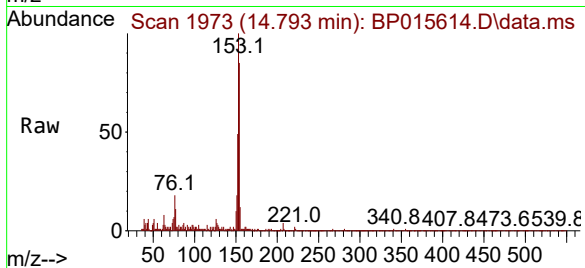
Tgt Ion:153 Resp: 39648

Ion Ratio Lower Upper

153 100

152 49.1 38.3 57.5

154 84.8 69.8 104.6



#61

Fluorene

Concen: 1.248 ng/ul

RT: 15.775 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

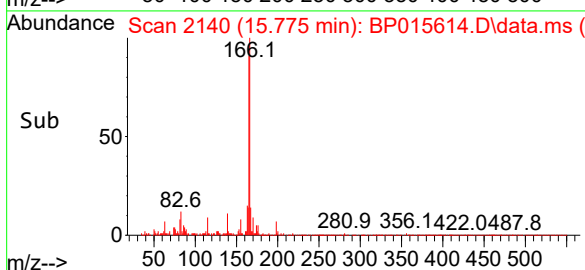
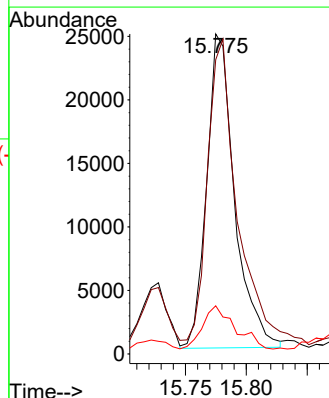
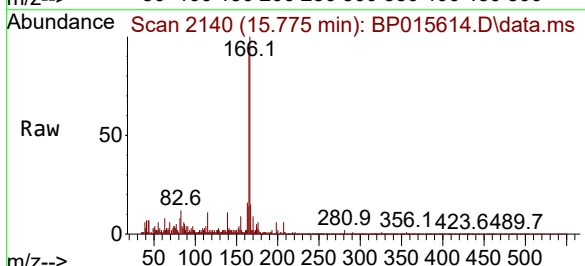
Tgt Ion:166 Resp: 39368

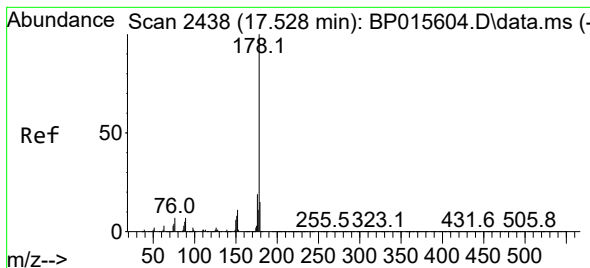
Ion Ratio Lower Upper

166 100

165 92.0 79.1 118.7

167 15.0 10.6 16.0





#72

Phenanthrene

Concen: 24.528 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCFJ3

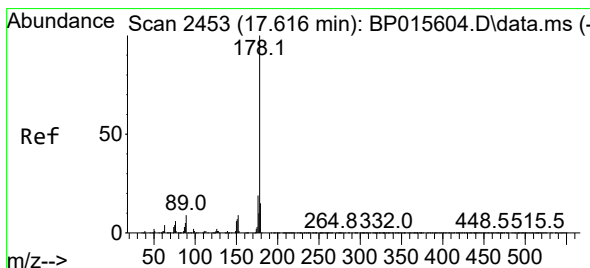
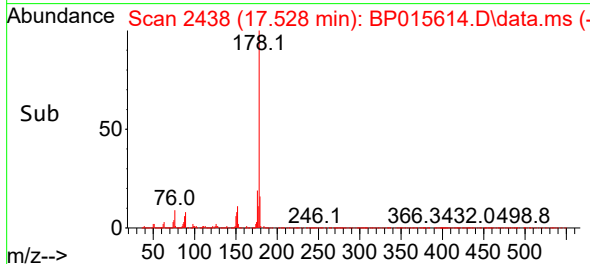
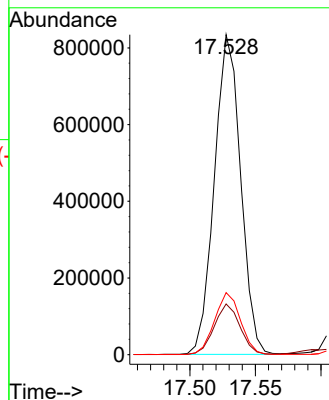
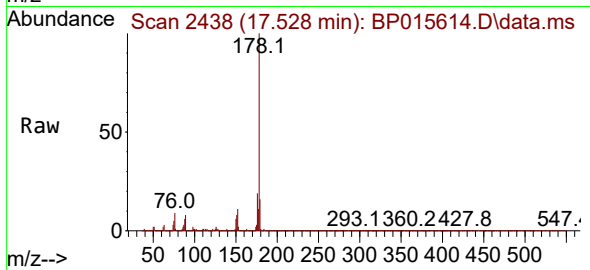
Tgt Ion:178 Resp: 1160747

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.4 15.4 23.0



#74

Anthracene

Concen: 7.526 ng/ul

RT: 17.622 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

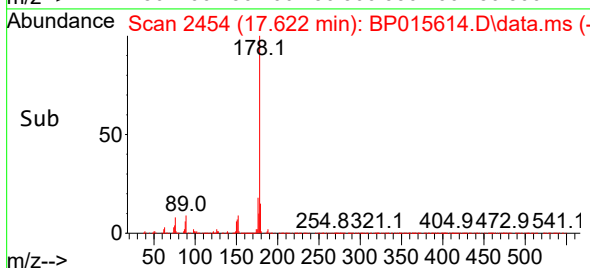
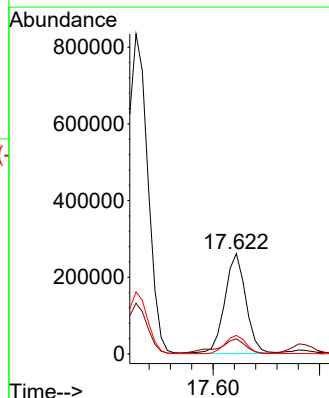
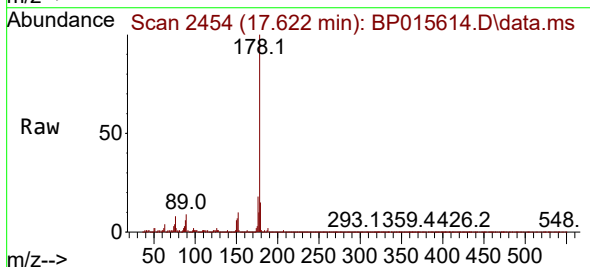
Tgt Ion:178 Resp: 361392

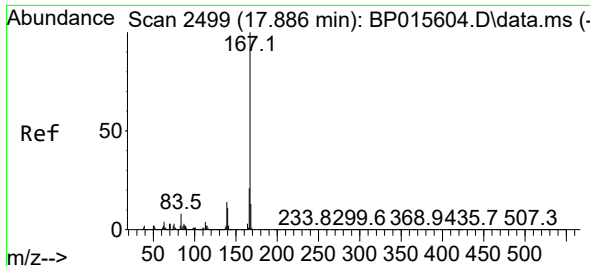
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.5 15.0 22.4

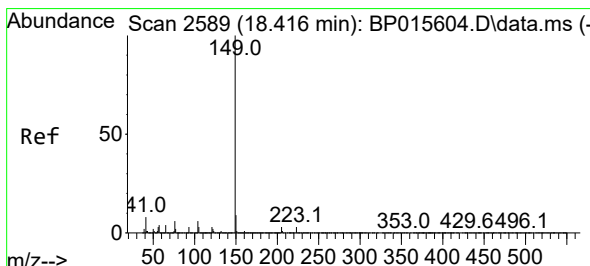
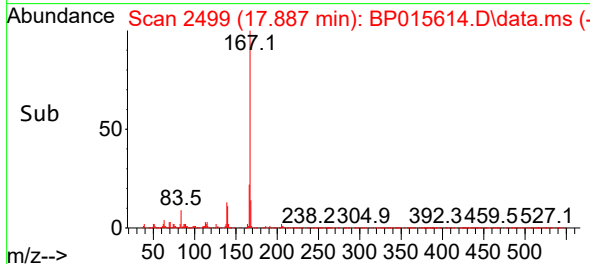
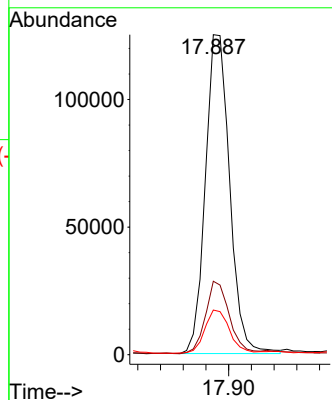
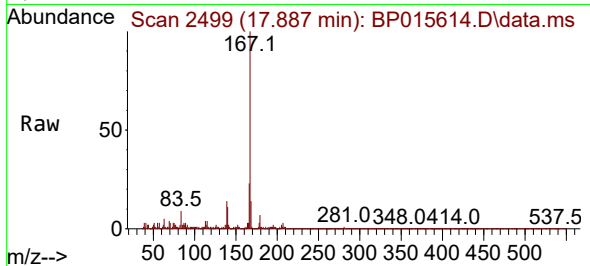




#77
 Carbazole
 Concen: 4.295 ng/ul
 RT: 17.887 min Scan# 2499
 Delta R.T. -0.006 min
 Lab File: BP015614.D
 Acq: 19 Jun 2023 21:10

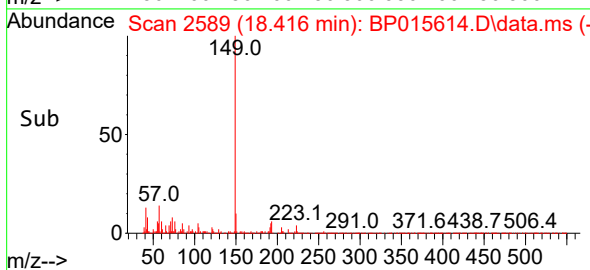
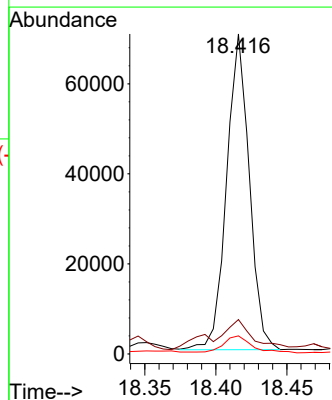
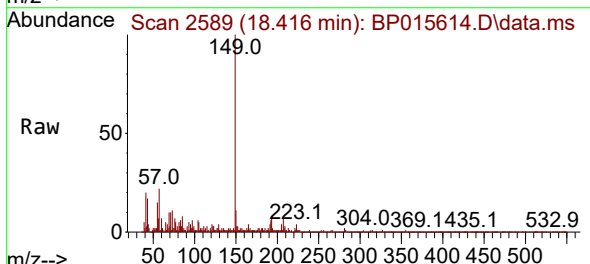
Instrument :
 BNA_P
 ClientSampleId :
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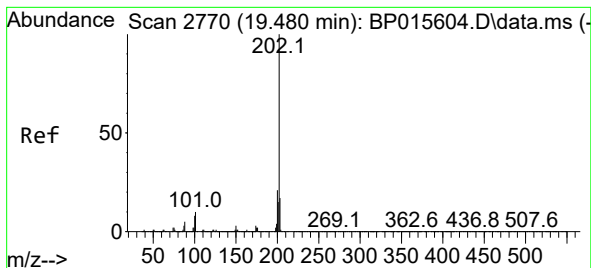
Tgt Ion:167 Resp: 185689
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.2 25.8
 139 13.9 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 1.416 ng/ul
 RT: 18.416 min Scan# 2589
 Delta R.T. 0.000 min
 Lab File: BP015614.D
 Acq: 19 Jun 2023 21:10

Tgt Ion:149 Resp: 77649
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.1 10.7#
 104 5.7 4.5 6.7





#80

Fluoranthene

Concen: 94.151 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCFJ3

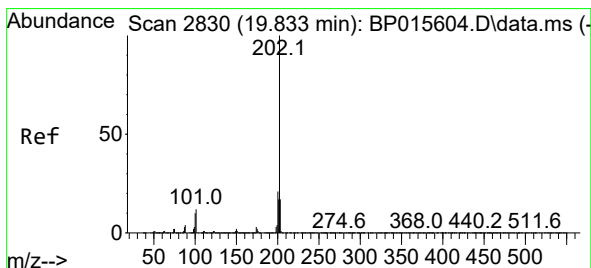
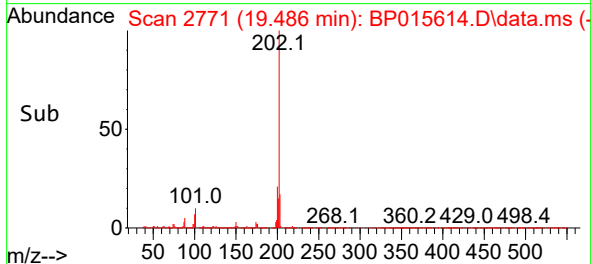
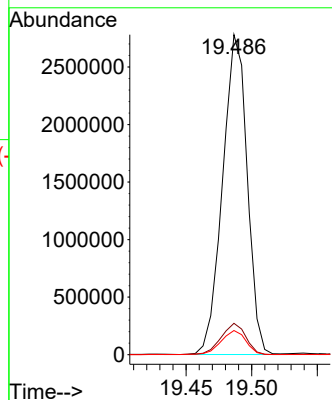
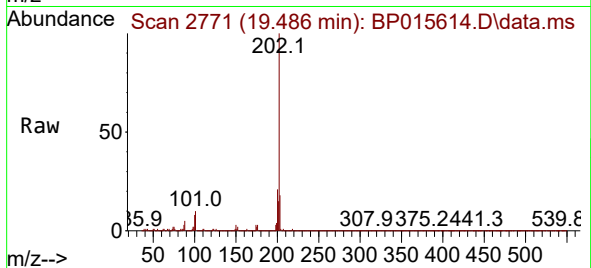
Tgt Ion:202 Resp: 3624400

Ion Ratio Lower Upper

202 100

101 9.8 8.6 13.0

100 7.5 6.6 9.8



#82

Pyrene

Concen: 83.322 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. 0.000 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

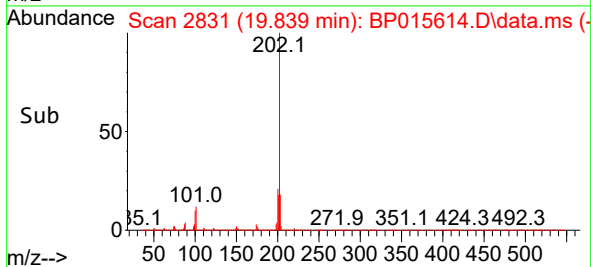
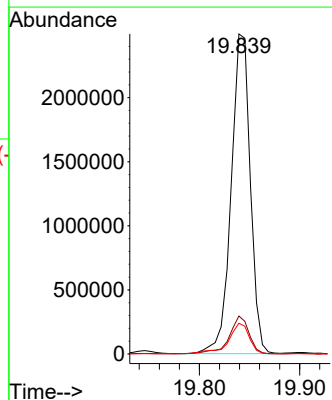
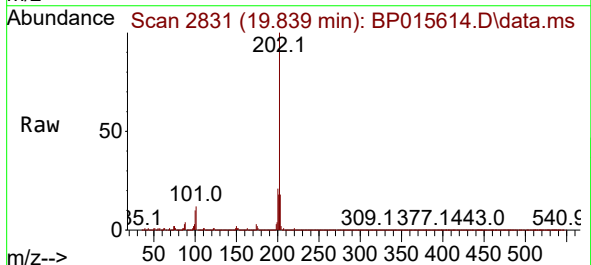
Tgt Ion:202 Resp: 3318426

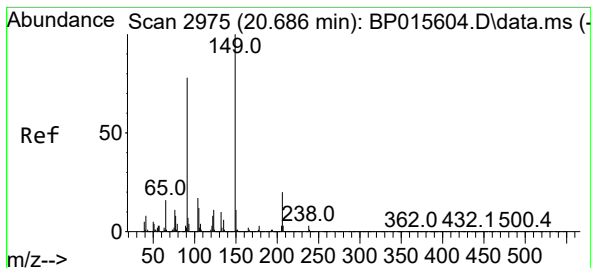
Ion Ratio Lower Upper

202 100

101 11.8 9.9 14.9

100 9.6 8.4 12.6





#83

Butylbenzylphthalate

Concen: 2.083 ng/ul

RT: 20.686 min Scan# 2975

Delta R.T. -0.006 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCFJ3

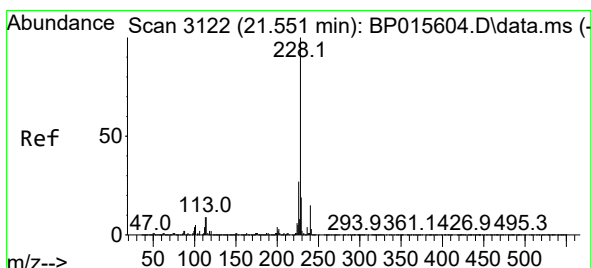
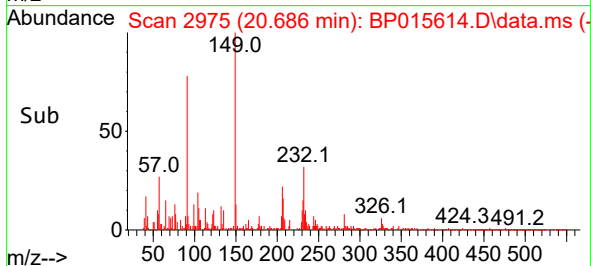
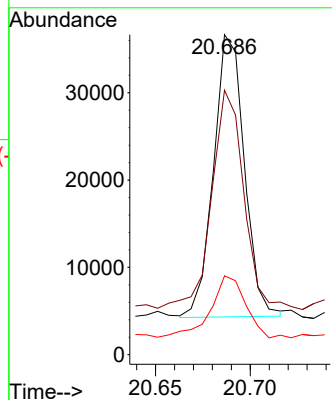
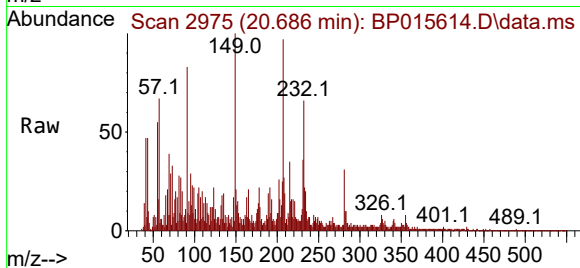
Tgt Ion:149 Resp: 36663

Ion Ratio Lower Upper

149 100

91 82.6 60.4 90.6

206 24.7 16.4 24.6#



#85

Benzo(a)anthracene

Concen: 43.691 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. 0.006 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

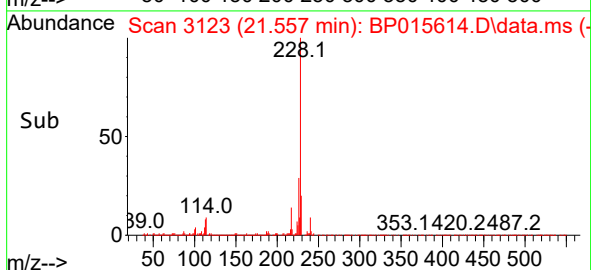
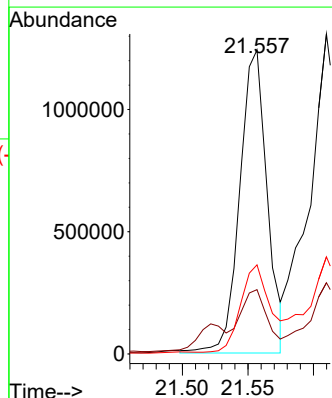
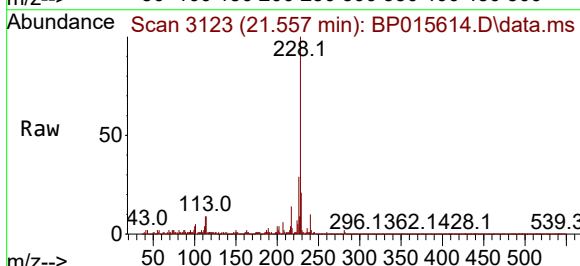
Tgt Ion:228 Resp: 1803489

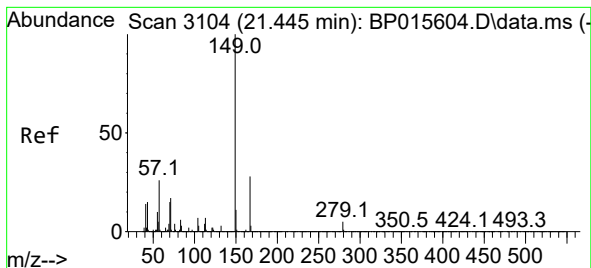
Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.6

226 29.3 21.8 32.6

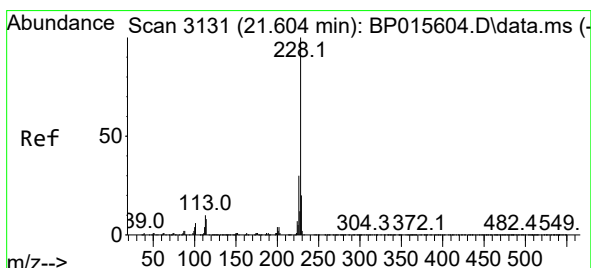
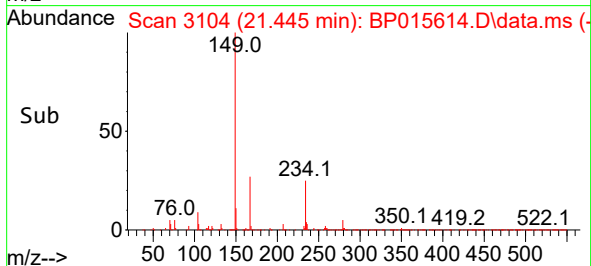
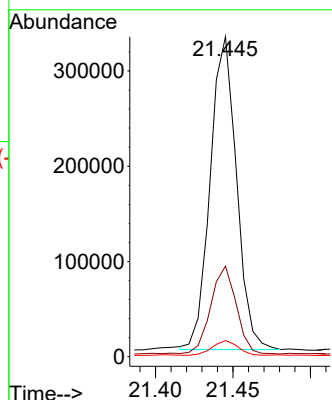
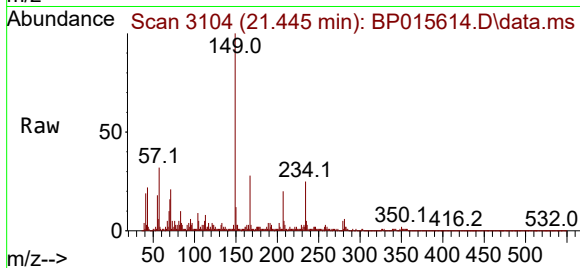




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 14.876 ng/ul
 RT: 21.445 min Scan# 3104
 Delta R.T. 0.000 min
 Lab File: BP015614.D
 Acq: 19 Jun 2023 21:10

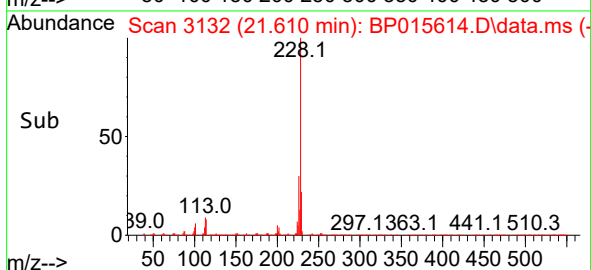
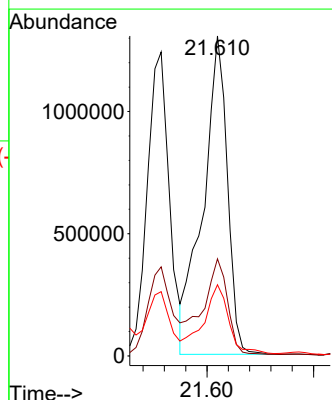
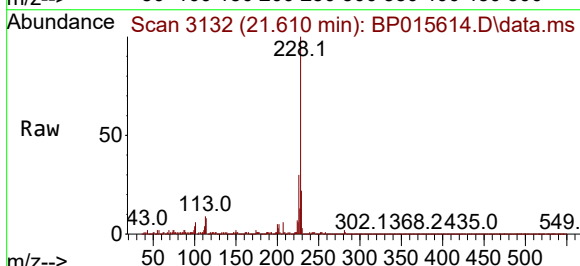
Instrument :
 BNA_P
 ClientSampleId :
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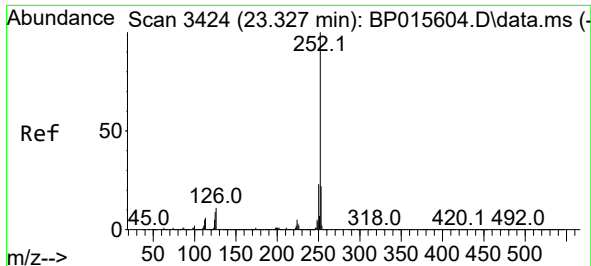
Tgt Ion:149 Resp: 387040
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 5.1 3.7 5.5



#87
 Chrysene
 Concen: 52.970 ng/ul
 RT: 21.610 min Scan# 3132
 Delta R.T. 0.000 min
 Lab File: BP015614.D
 Acq: 19 Jun 2023 21:10

Tgt Ion:228 Resp: 2066730
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.9 35.9
 229 22.3 15.1 22.7

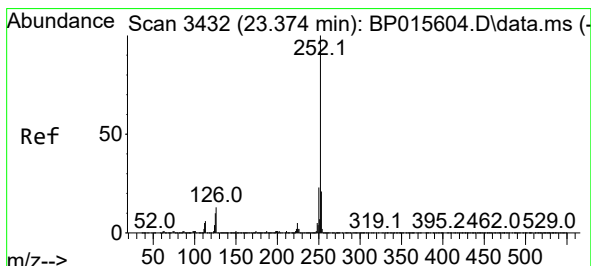
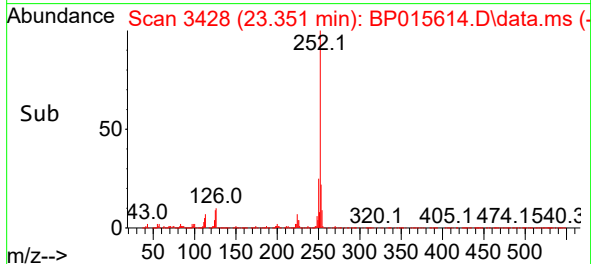
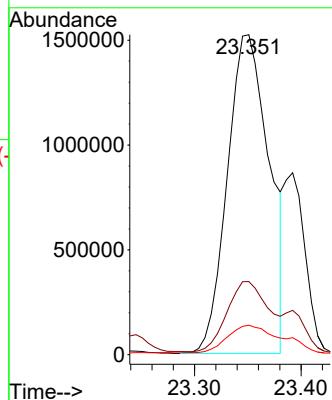
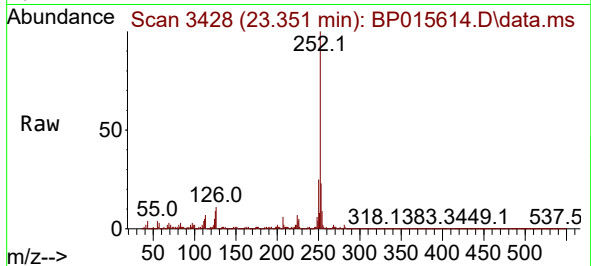




#90
Benzo(b)fluoranthene
Concen: 96.641 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. 0.024 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

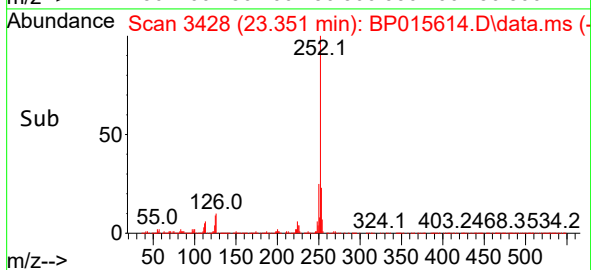
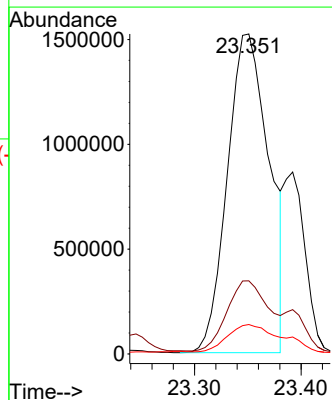
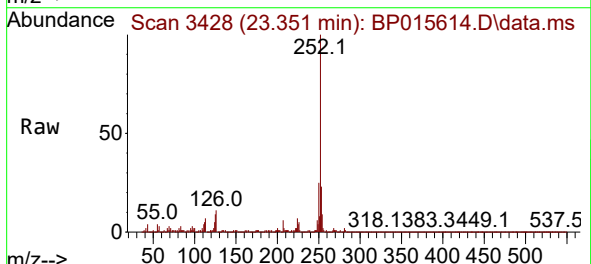
Instrument :
BNA_P
ClientSampleId :
DCFJ3

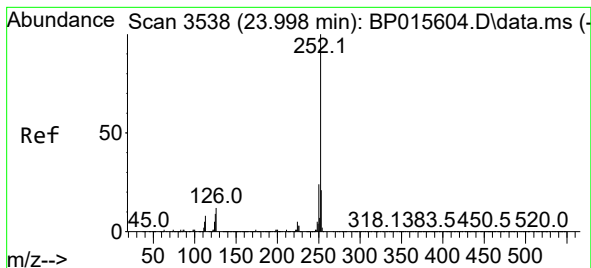
Tgt Ion:252 Resp: 4151903
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.2 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 99.974 ng/ul
RT: 23.351 min Scan# 3428
Delta R.T. -0.029 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Tgt Ion:252 Resp: 4151903
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 69.103 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. 0.018 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

Instrument :

BNA_P

ClientSampleId :

DCFJ3

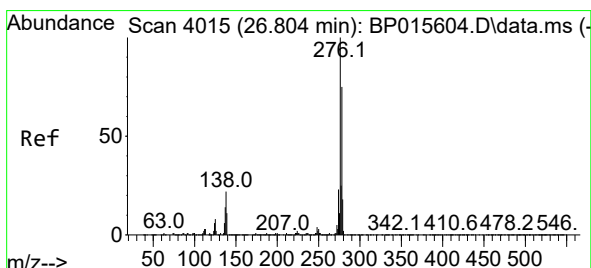
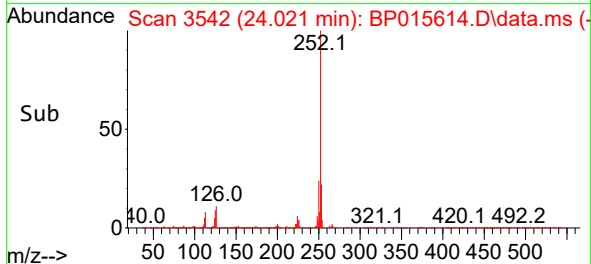
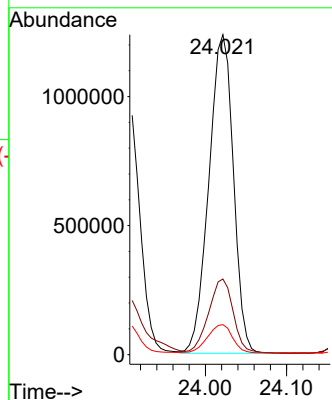
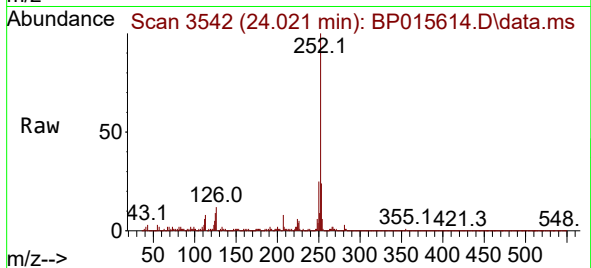
Tgt Ion:252 Resp: 2588358

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 9.4 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 48.350 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. 0.041 min

Lab File: BP015614.D

Acq: 19 Jun 2023 21:10

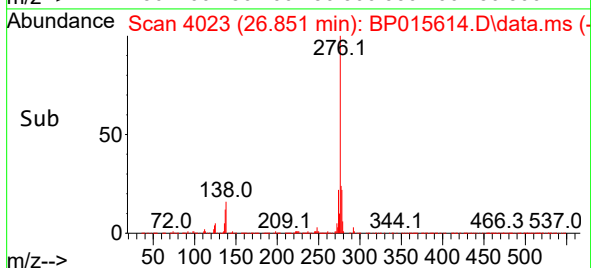
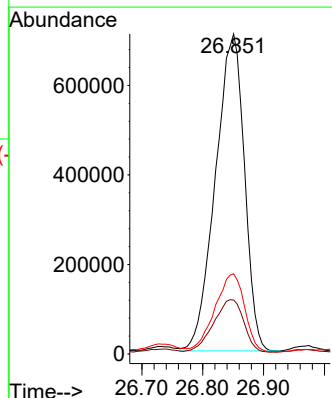
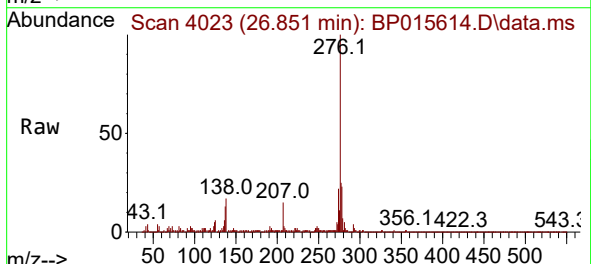
Tgt Ion:276 Resp: 2343785

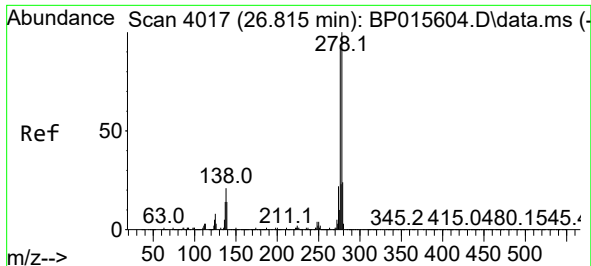
Ion Ratio Lower Upper

276 100

138 16.8 17.3 25.9#

277 25.1 20.2 30.2

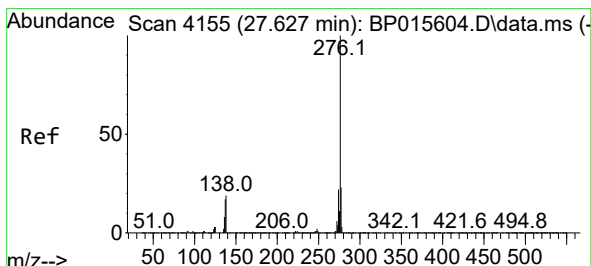
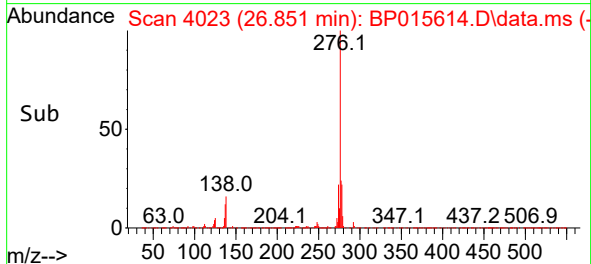
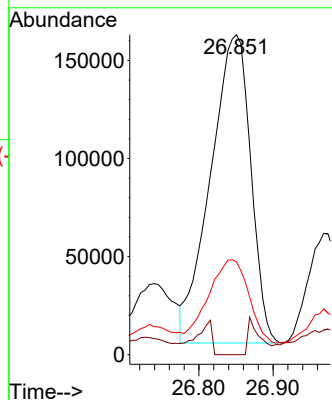
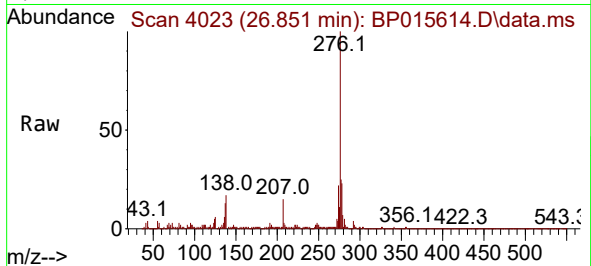




#95
Dibenzo(a,h)anthracene
Concen: 15.001 ng/ul
RT: 26.851 min Scan# 4017
Delta R.T. 0.024 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Instrument :
BNA_P
ClientSampleId :
DCFJ3

Tgt Ion:278 Resp: 592446
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0#
279 29.0 18.7 28.1#



#96
Benzo(g,h,i)perylene
Concen: 55.049 ng/ul
RT: 27.692 min Scan# 4166
Delta R.T. 0.053 min
Lab File: BP015614.D
Acq: 19 Jun 2023 21:10

Tgt Ion:276 Resp: 2199136
Ion Ratio Lower Upper
276 100
138 17.6 15.6 23.4
277 24.4 19.0 28.6

