

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Quant Time: Jul 03 22:07:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

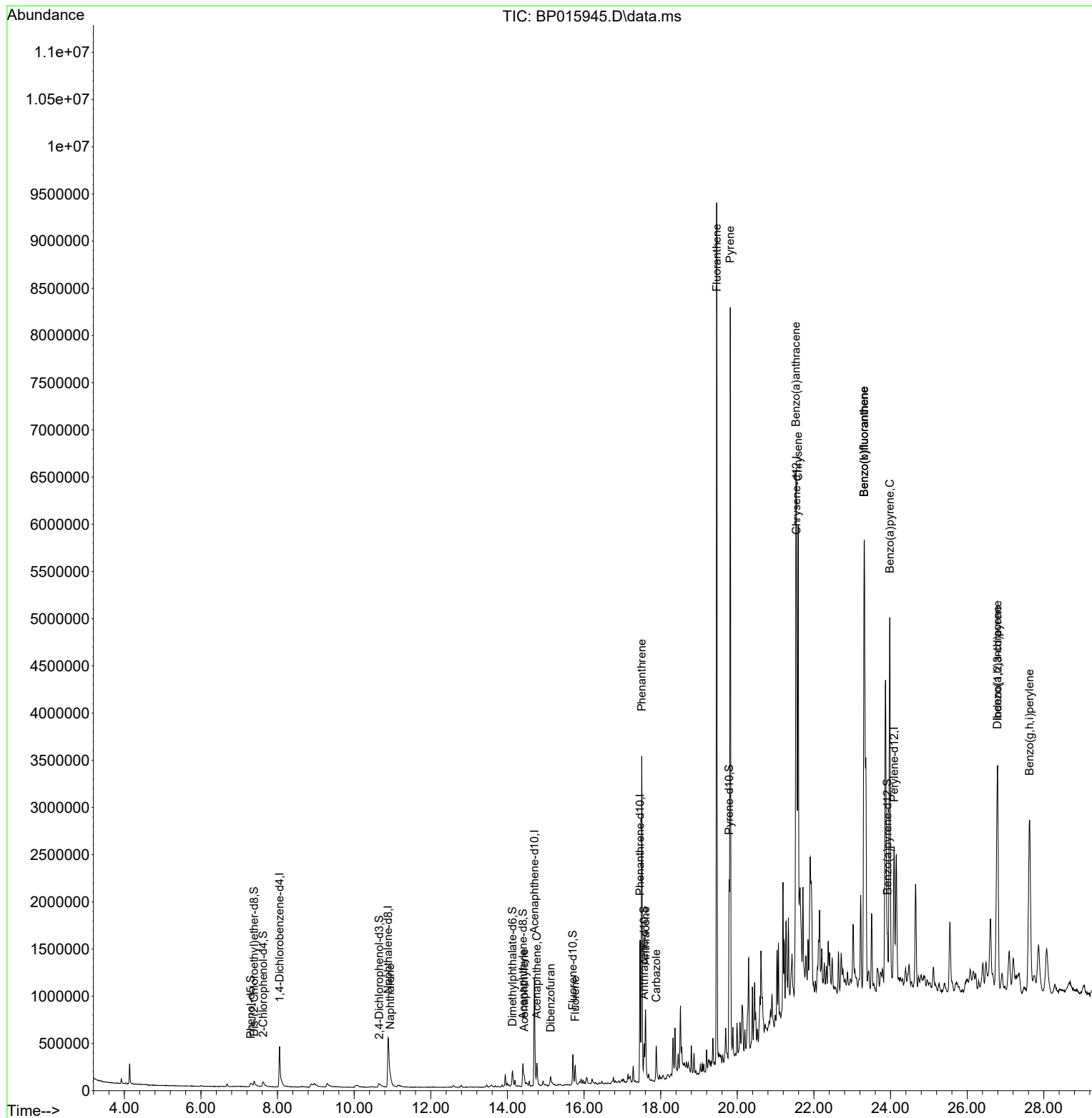
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	178797	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	779196	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.704	164	446646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	953734	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	942292	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1161424	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	4385	0.882	ng/uL	0.00
4) Pyridine-d5	3.810	84	773	0.062	ng/ul	0.00
7) Phenol-d5	7.298	99	48915	3.197	ng/ul	0.08
9) Bis-(2-Chloroethyl)eth...	7.387	67	39397	4.163	ng/ul	0.02
11) 2-Chlorophenol-d4	7.622	132	48180	4.172	ng/ul	0.05
15) 4-Methylphenol-d8	8.769	113	29	0.002	ng/ul	-0.01
21) Nitrobenzene-d5	9.234	128	40	0.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	28	0.004	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.651	165	30551	2.467	ng/ul	0.14
31) 4-Chloroaniline-d4	11.051	131	71	0.004	ng/ul	0.02
46) Dimethylphthalate-d6	14.133	166	162445	4.706	ng/ul	0.03
49) Acenaphthylene-d8	14.404	160	189049	4.871	ng/ul	0.01
54) 4-Nitrophenol-d4	14.975	143	44	0.010	ng/ul	0.02
60) Fluorene-d10	15.710	176	143224	5.039	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.851	200	96	0.016	ng/ul	0.00
73) Anthracene-d10	17.569	188	224205	5.146	ng/ul	0.01
81) Pyrene-d10	19.786	212	285319	4.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	307896	5.255	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.939	128	61083	1.442	ng/ul	96
50) Acenaphthylene	14.439	152	88175	2.062	ng/ul	96
52) Acenaphthene	14.769	153	106639	3.596	ng/ul	99
56) Dibenzofuran	15.127	168	63244	1.536	ng/ul	97
61) Fluorene	15.769	166	99275	2.973	ng/ul	97
72) Phenanthrene	17.504	178	2128079	41.073	ng/ul	100
74) Anthracene	17.604	178	539074	10.354	ng/ul	98
77) Carbazole	17.886	167	241289	5.499	ng/ul	99
80) Fluoranthene	19.463	202	5356279	70.045	ng/ul#	94
82) Pyrene	19.815	202	4755419	60.964	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	2820615	42.552	ng/ul	97
87) Chrysene	21.586	228	2858732	45.457	ng/ul	98
90) Benzo(b)fluoranthene	23.309	252	4812160	64.483	ng/ul#	97
91) Benzo(k)fluoranthene	23.309	252	4812160	63.822	ng/ul#	96
93) Benzo(a)pyrene	23.980	252	3192527	48.959	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	2676678	30.238	ng/ul	97
95) Dibenzo(a,h)anthracene	26.786	278	668394	9.193	ng/ul#	80
96) Benzo(g,h,i)perylene	27.627	276	2667333	36.627	ng/ul#	93

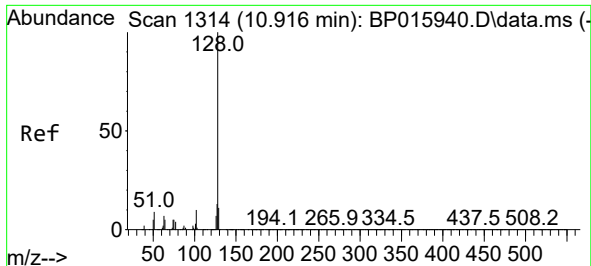
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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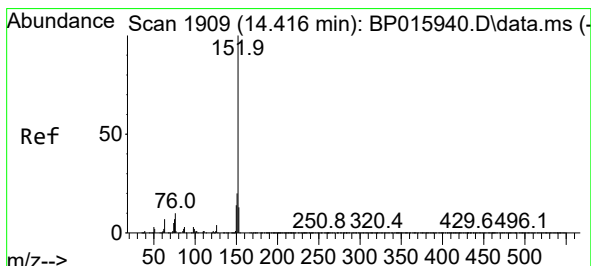
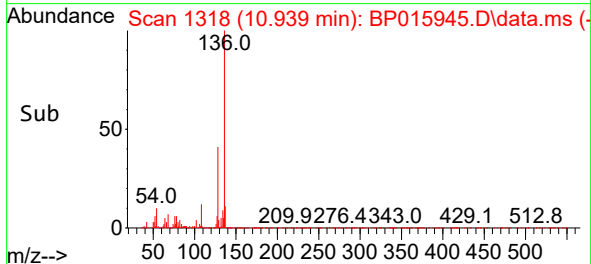
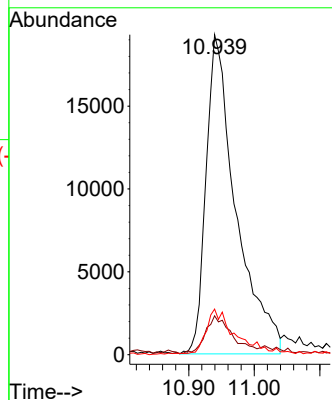
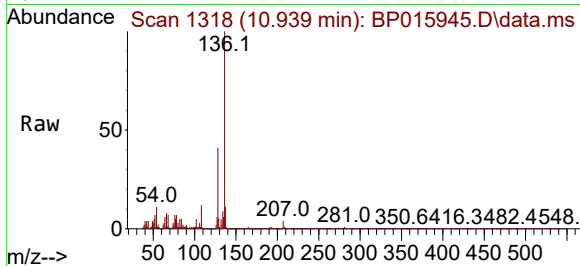




#30
Naphthalene
Concen: 1.442 ng/ul
RT: 10.939 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

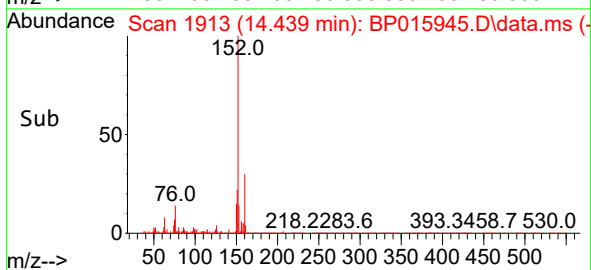
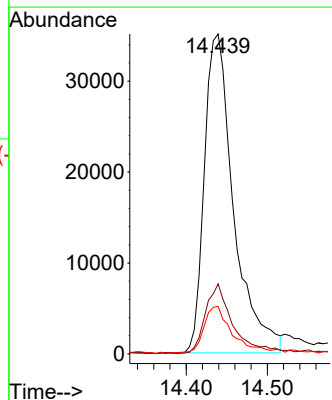
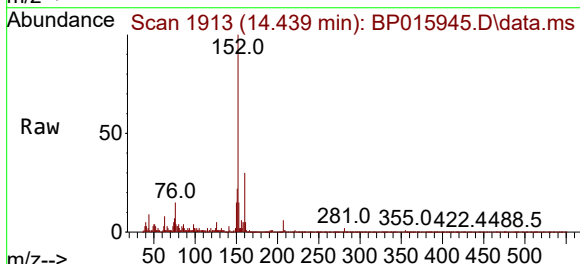
Instrument :
BNA_P
ClientSampleId :
DCGB7DL

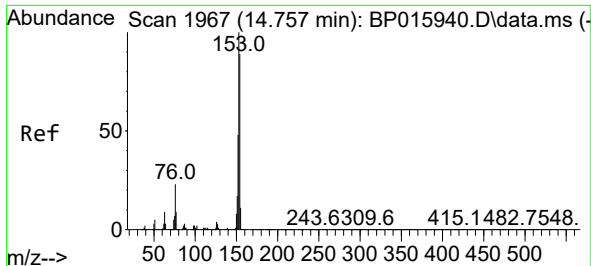
Tgt Ion:128 Resp: 61083
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 14.3 10.3 15.5



#50
Acenaphthylene
Concen: 2.062 ng/ul
RT: 14.439 min Scan# 1913
Delta R.T. 0.018 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

Tgt Ion:152 Resp: 88175
Ion Ratio Lower Upper
152 100
151 21.9 16.2 24.2
153 14.9 10.5 15.7

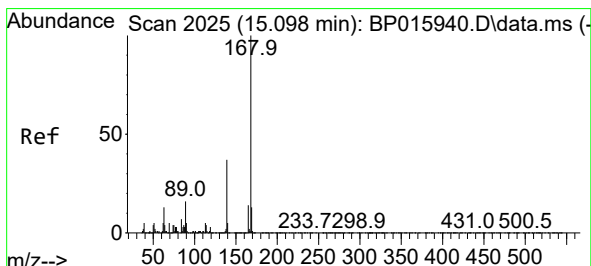
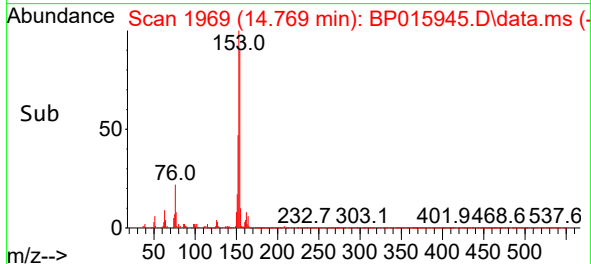
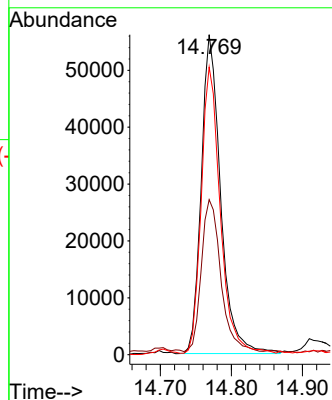
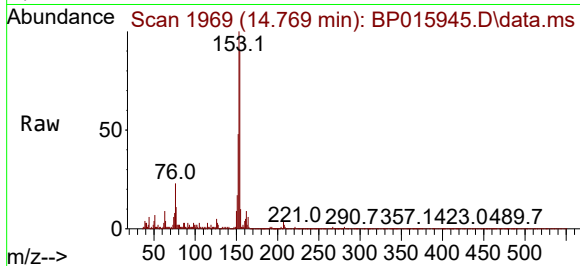




#52
Acenaphthene
Concen: 3.596 ng/ul
RT: 14.769 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

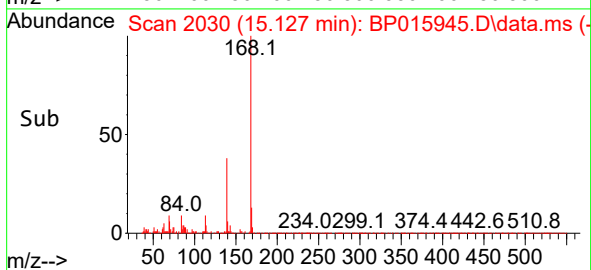
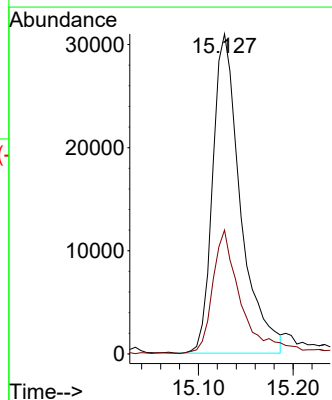
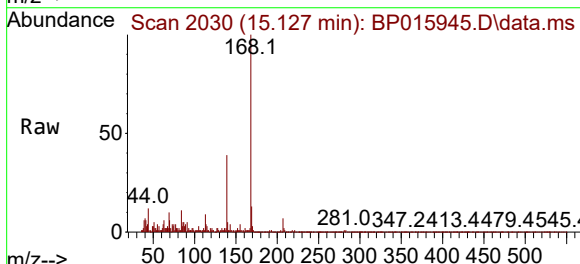
Instrument :
BNA_P
ClientSampleId :
DCGB7DL

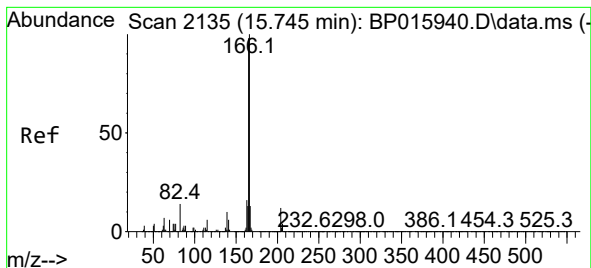
Tgt Ion:153 Resp: 106639
Ion Ratio Lower Upper
153 100
152 48.4 39.4 59.2
154 89.9 71.4 107.2



#56
Dibenzofuran
Concen: 1.536 ng/ul
RT: 15.127 min Scan# 2030
Delta R.T. 0.029 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

Tgt Ion:168 Resp: 63244
Ion Ratio Lower Upper
168 100
139 38.7 32.2 48.4





#61

Fluorene

Concen: 2.973 ng/ul

RT: 15.769 min Scan# 2135

Delta R.T. 0.024 min

Lab File: BP015945.D

Acq: 03 Jul 2023 11:39

Instrument :

BNA_P

ClientSampleId :

DCGB7DL

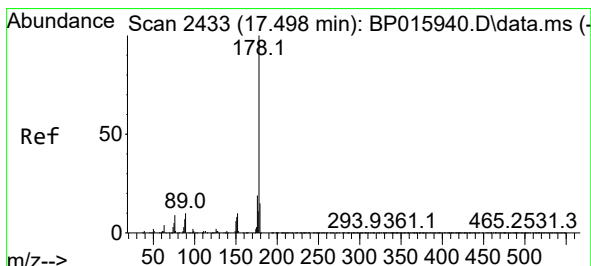
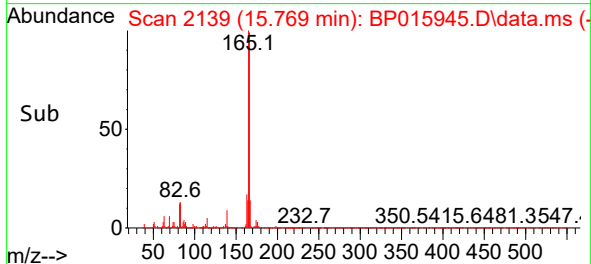
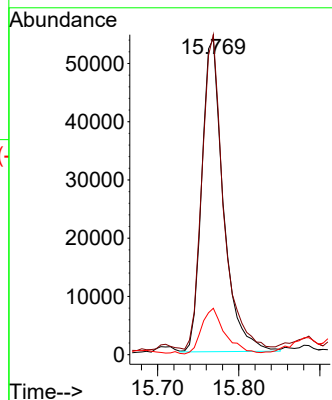
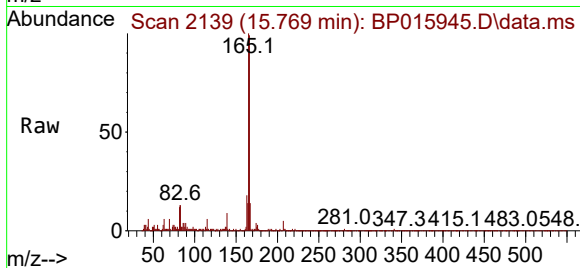
Tgt Ion:166 Resp: 99275

Ion Ratio Lower Upper

166 100

165 101.3 78.7 118.1

167 14.7 10.5 15.7



#72

Phenanthrene

Concen: 41.073 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015945.D

Acq: 03 Jul 2023 11:39

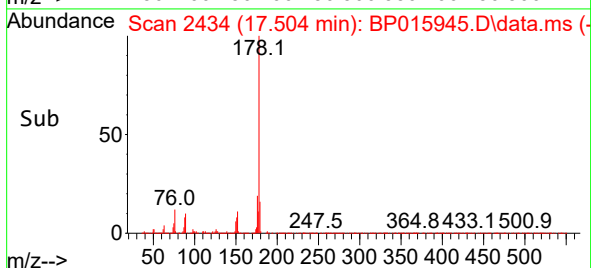
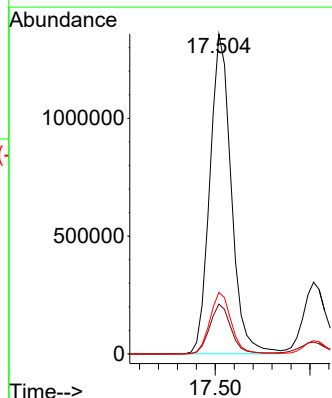
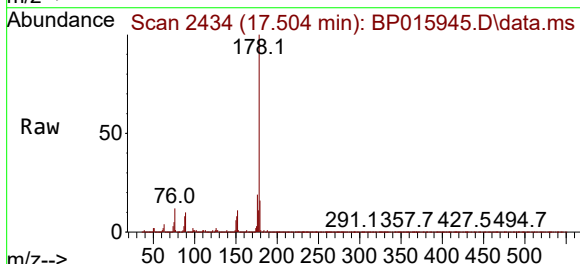
Tgt Ion:178 Resp: 2128079

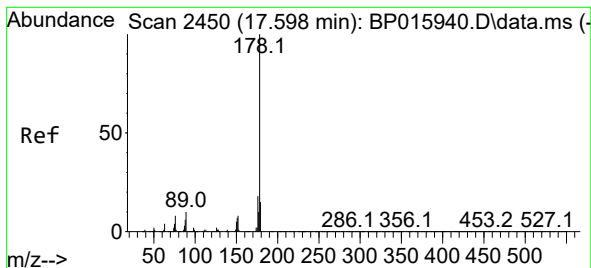
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.2 15.6 23.4





#74

Anthracene

Concen: 10.354 ng/ul

RT: 17.604 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BP015945.D

Acq: 03 Jul 2023 11:39

Instrument :

BNA_P

ClientSampleId :

DCGB7DL

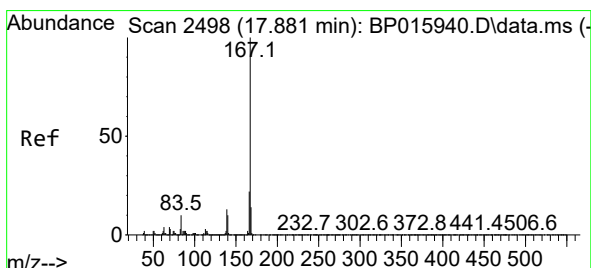
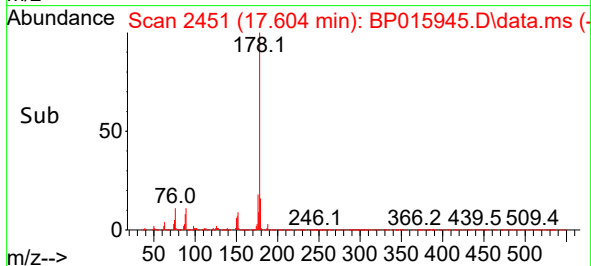
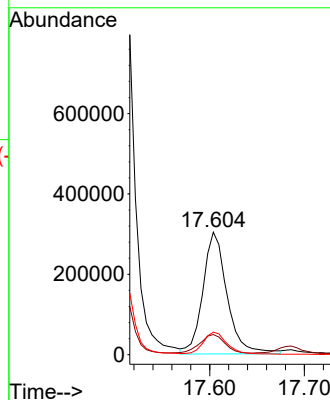
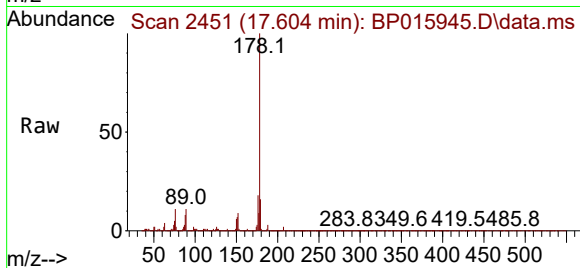
Tgt Ion:178 Resp: 539074

Ion Ratio Lower Upper

178 100

179 16.4 12.1 18.1

176 18.4 14.6 22.0



#77

Carbazole

Concen: 5.499 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. 0.012 min

Lab File: BP015945.D

Acq: 03 Jul 2023 11:39

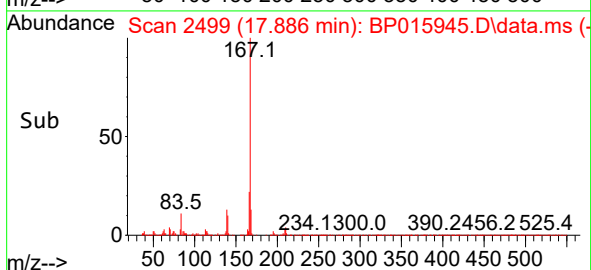
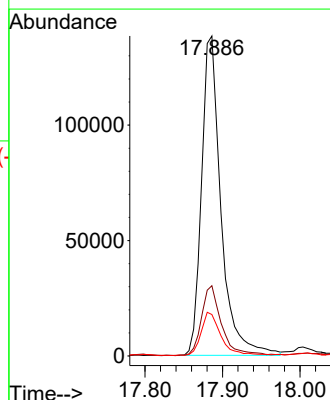
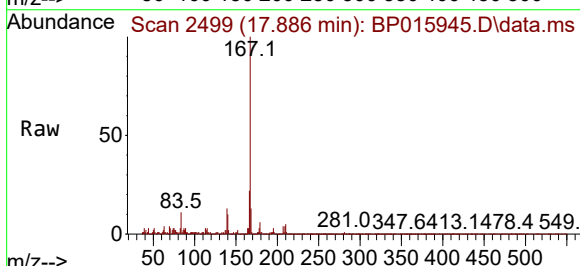
Tgt Ion:167 Resp: 241289

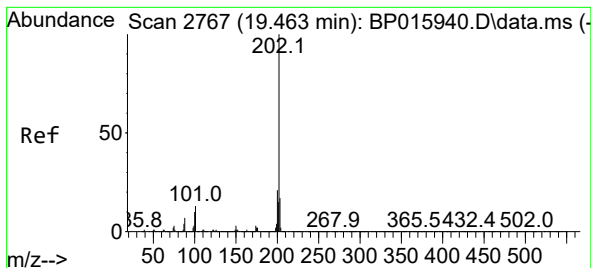
Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

139 13.0 11.0 16.4





#80

Fluoranthene

Concen: 70.045 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015945.D

Acq: 03 Jul 2023 11:39

Instrument :

BNA_P

ClientSampleId :

DCGB7DL

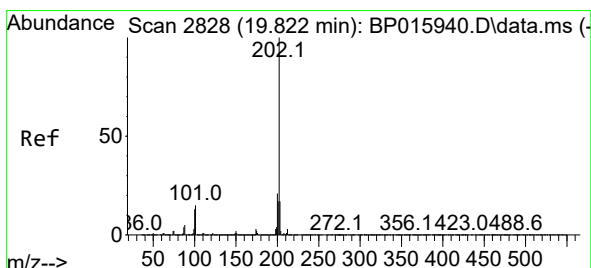
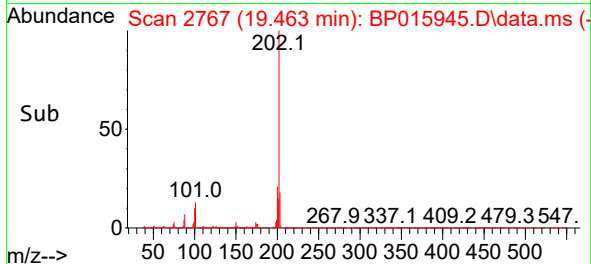
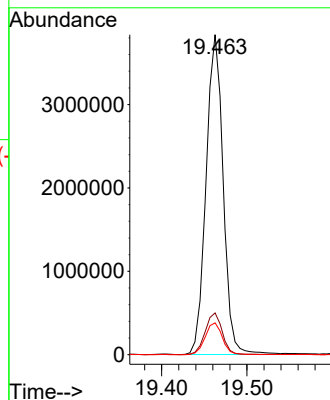
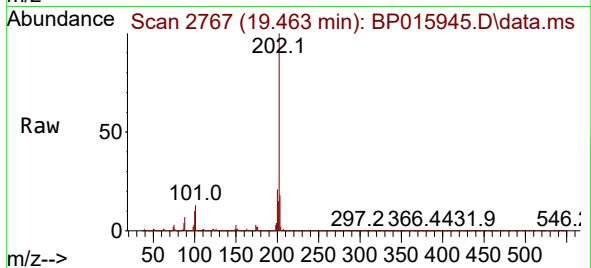
Tgt Ion:202 Resp: 5356279

Ion Ratio Lower Upper

202 100

101 13.1 8.3 12.5#

100 10.0 6.6 9.8#



#82

Pyrene

Concen: 60.964 ng/ul

RT: 19.815 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015945.D

Acq: 03 Jul 2023 11:39

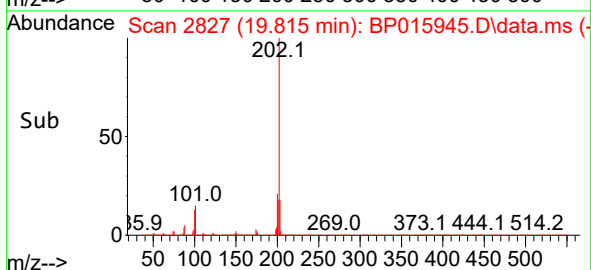
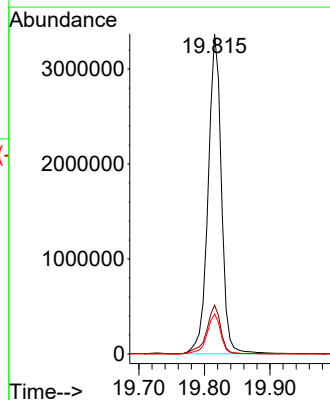
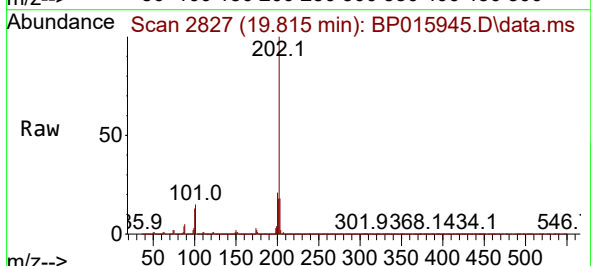
Tgt Ion:202 Resp: 4755419

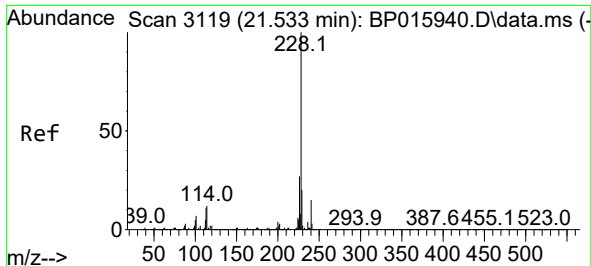
Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9#

100 12.5 7.6 11.4#

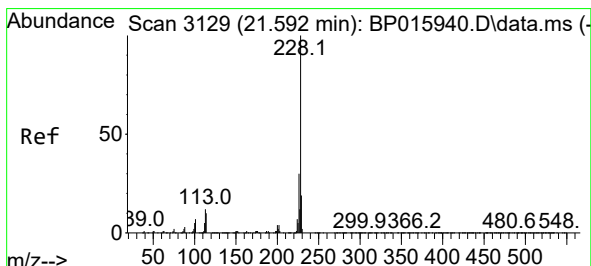
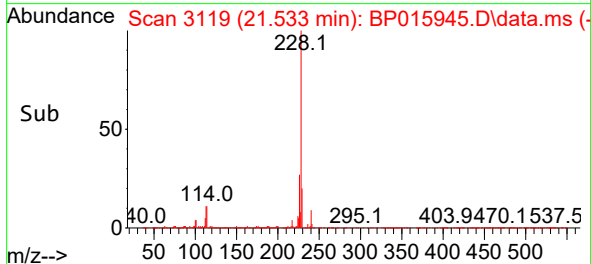
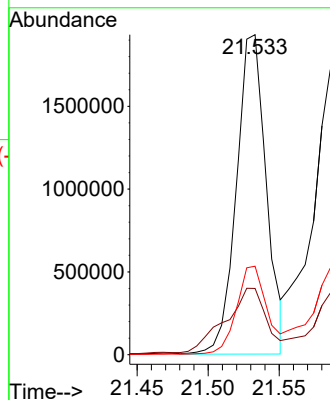
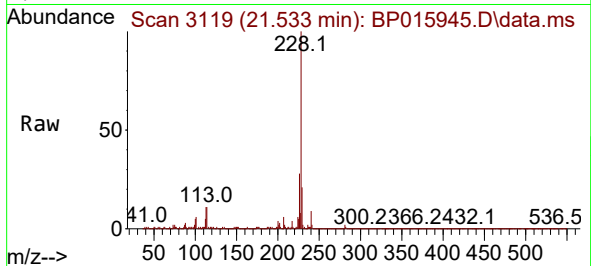




#85
Benzo(a)anthracene
Concen: 42.552 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

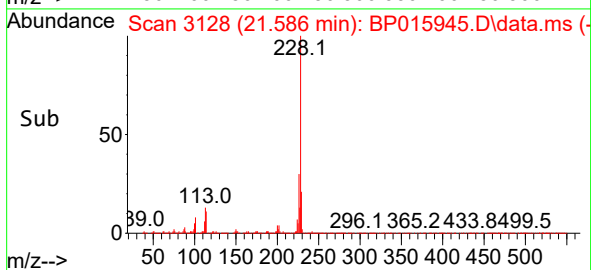
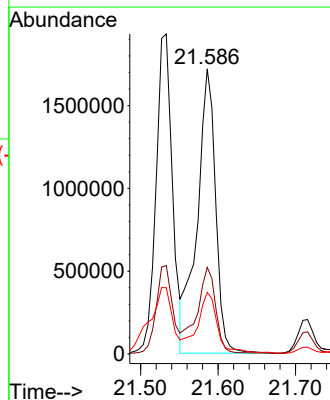
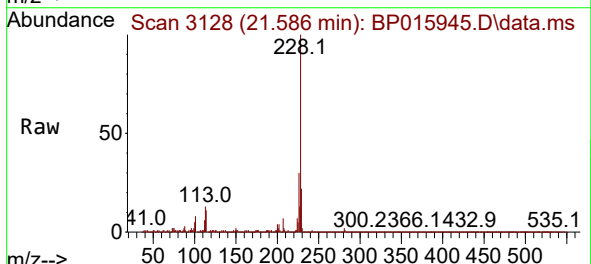
Instrument :
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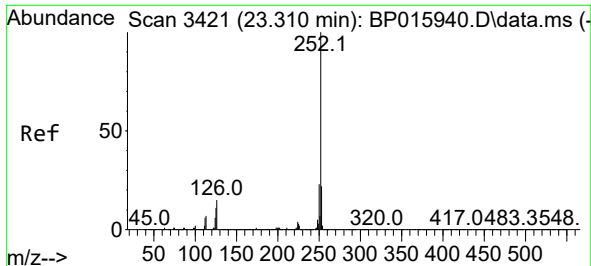
Tgt Ion:228 Resp: 2820615
Ion Ratio Lower Upper
228 100
229 20.7 15.3 22.9
226 27.7 21.4 32.0



#87
Chrysene
Concen: 45.457 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

Tgt Ion:228 Resp: 2858732
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.6 15.5 23.3

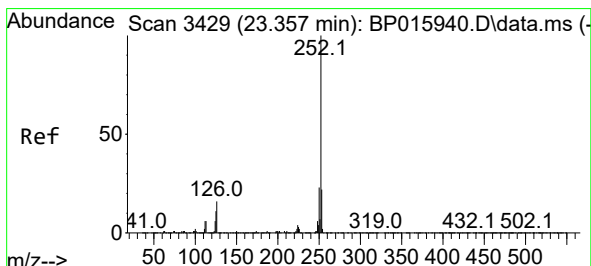
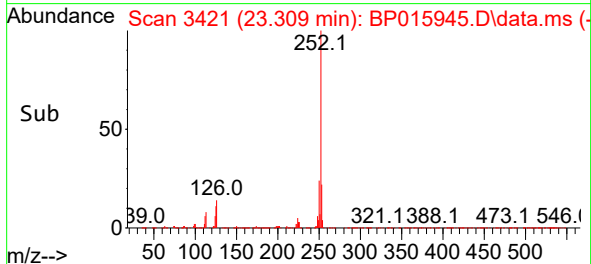
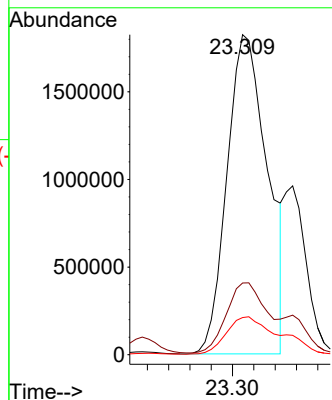
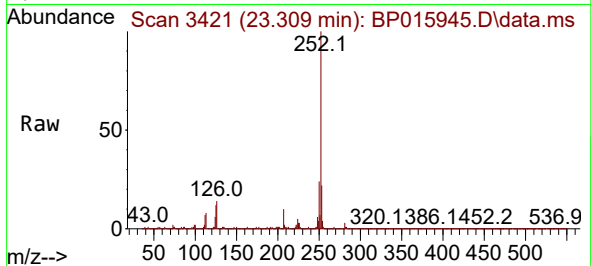




#90
Benzo(b)fluoranthene
Concen: 64.483 ng/ul
RT: 23.309 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

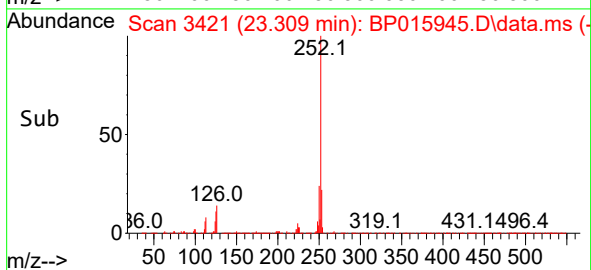
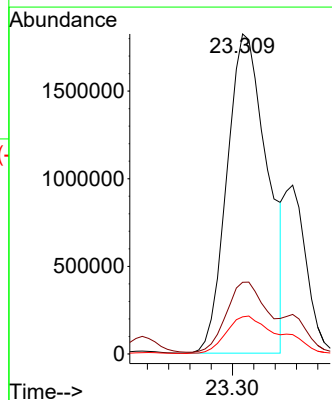
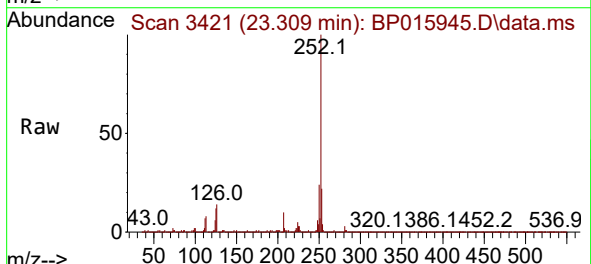
Instrument :
BNA_P
ClientSampleId :
DCGB7DL

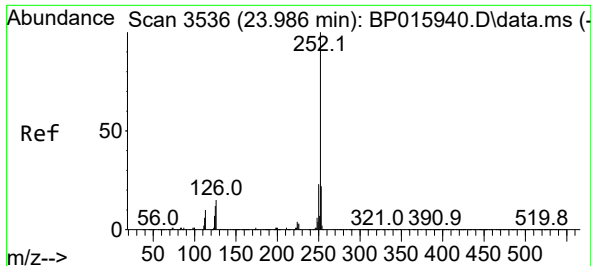
Tgt Ion:252 Resp: 4812160
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.6 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 63.822 ng/ul
RT: 23.309 min Scan# 3421
Delta R.T. -0.047 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

Tgt Ion:252 Resp: 4812160
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 11.6 7.3 10.9#

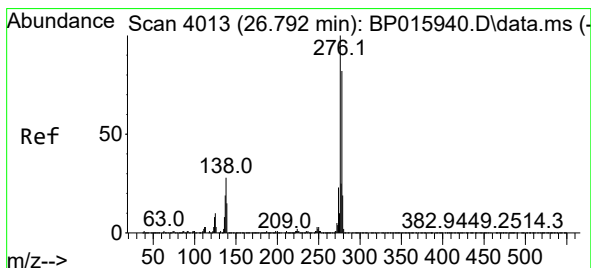
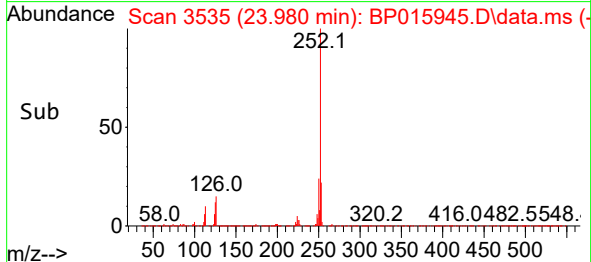
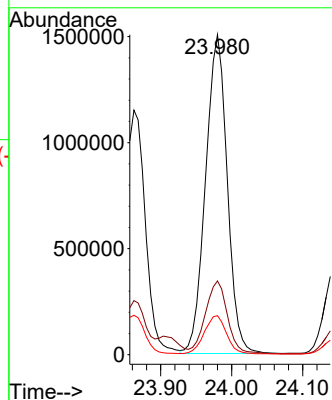
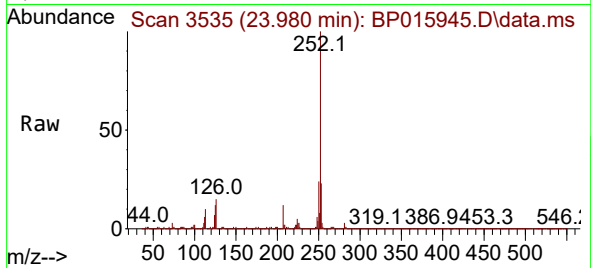




#93
Benzo(a)pyrene
Concen: 48.959 ng/ul
RT: 23.980 min Scan# 3192527
Delta R.T. 0.000 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

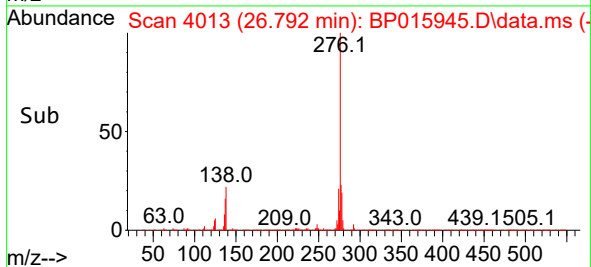
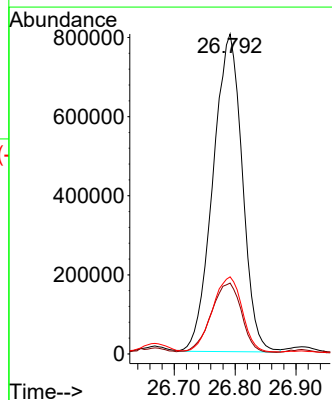
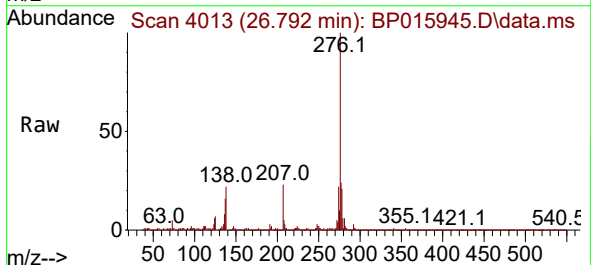
Instrument :
BNA_P
ClientSampleId :
DCGB7DL

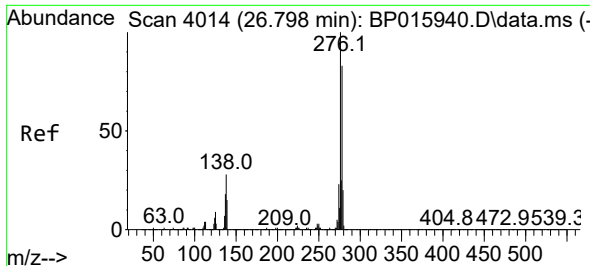
Tgt Ion:252 Resp: 3192527
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 12.2 8.2 12.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 30.238 ng/ul
RT: 26.792 min Scan# 4013
Delta R.T. 0.000 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

Tgt Ion:276 Resp: 2676678
Ion Ratio Lower Upper
276 100
138 22.1 15.7 23.5
277 24.1 19.6 29.4

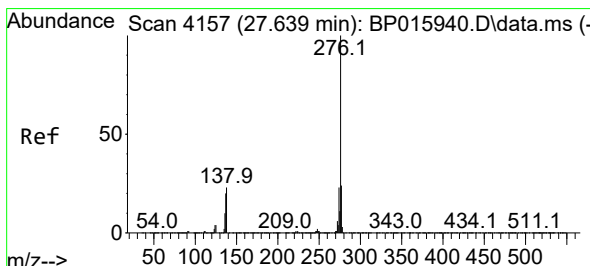
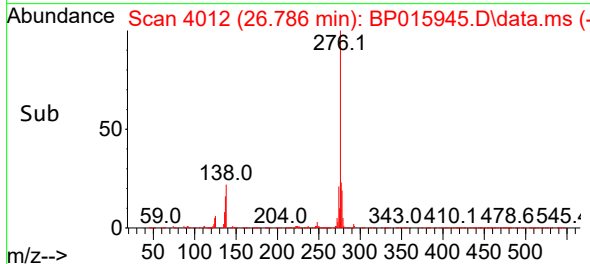
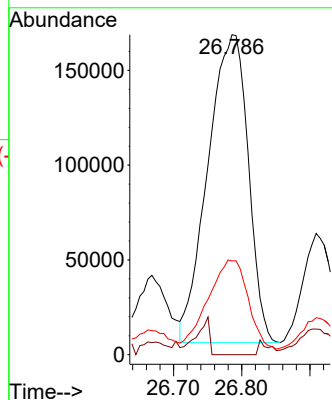
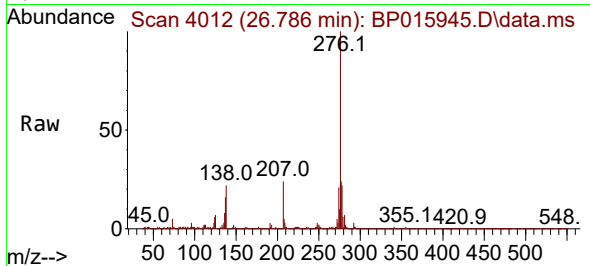




#95
Dibenzo(a,h)anthracene
Concen: 9.193 ng/ul
RT: 26.786 min Scan# 4014
Delta R.T. -0.012 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

Instrument :
BNA_P
ClientSampleId :
DCGB7DL

Tgt Ion:278 Resp: 668394
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7#
279 29.3 18.4 27.6#



#96
Benzo(g,h,i)perylene
Concen: 36.627 ng/ul
RT: 27.627 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BP015945.D
Acq: 03 Jul 2023 11:39

Tgt Ion:276 Resp: 2667333
Ion Ratio Lower Upper
276 100
138 24.4 15.1 22.7#
277 24.8 18.8 28.2

