

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015992.D
 Acq On : 05 Jul 2023 00:44
 Operator : MA/JU
 Sample : 03244-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 05 02:51:18 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)

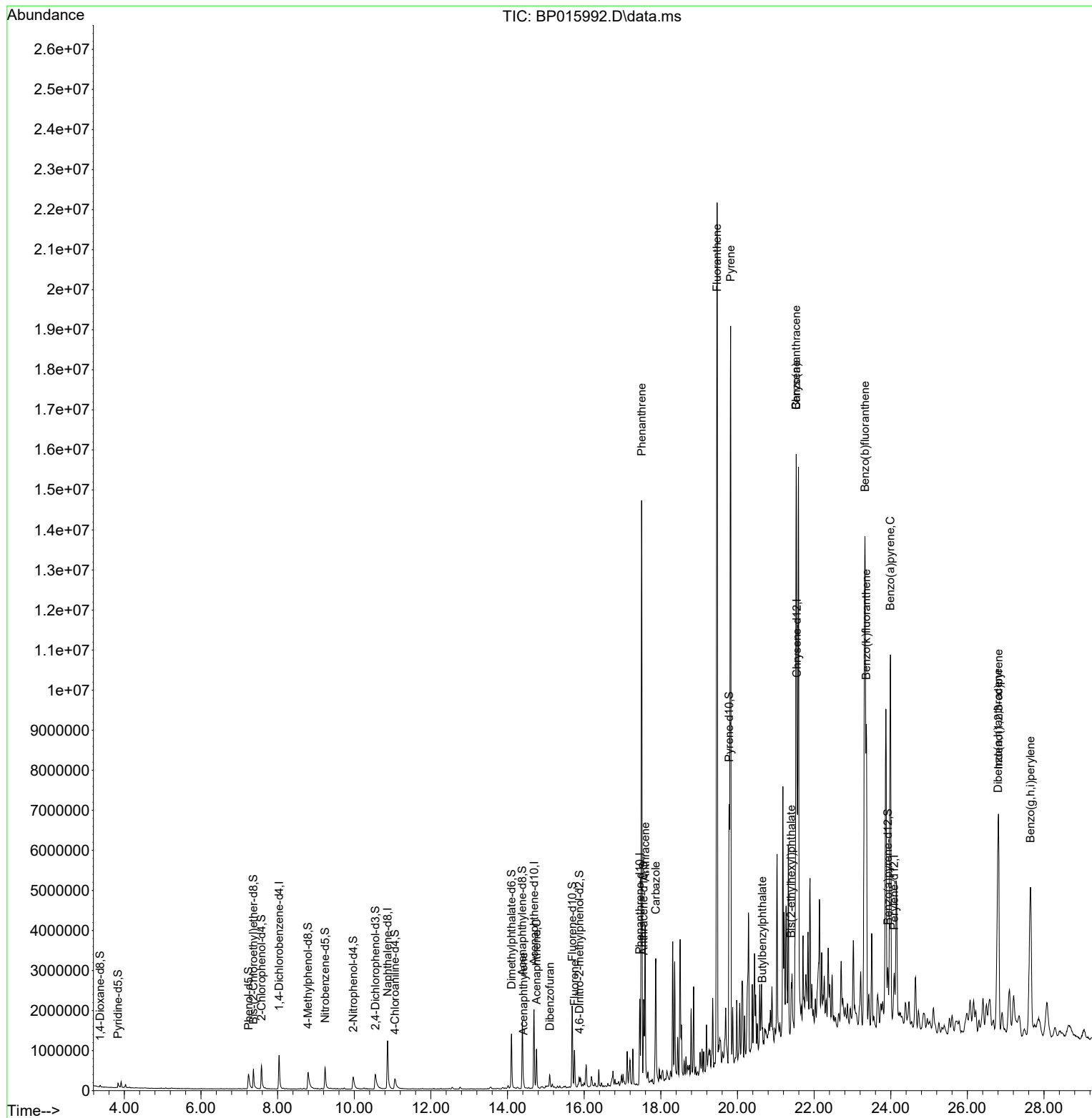
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	272714	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1173726	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	670312	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1245357	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	716794	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	980682	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	20613	2.719	ng/uL	0.00
4) Pyridine-d5	3.834	84	74502	3.899	ng/ul	0.02
7) Phenol-d5	7.240	99	357835	15.335	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	283728	19.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	324433	18.419	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	310216	16.829	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	163182	18.192	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	169380	16.179	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.552	165	266438	14.282	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	275839	11.510	ng/ul	0.04
46) Dimethylphthalate-d6	14.104	166	1018972	19.667	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1146138	19.679	ng/ul	0.00
54) 4-Nitrophenol-d4	14.946	143	56	0.008	ng/ul	0.00
60) Fluorene-d10	15.687	176	826119	19.365	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	29338	3.831	ng/ul	0.02
73) Anthracene-d10	17.551	188	1112165	19.551	ng/ul	0.00
81) Pyrene-d10	19.781	212	991544	21.185	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1011650	20.450	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.416	152	78840	1.229	ng/ul	100
52) Acenaphthene	14.757	153	406214	9.128	ng/ul	97
56) Dibenzofuran	15.104	168	199558	3.230	ng/ul	97
61) Fluorene	15.746	166	432552	8.633	ng/ul	99
72) Phenanthrene	17.498	178	9024113	133.384	ng/ul	99
74) Anthracene	17.592	178	2599217	38.234	ng/ul	99
77) Carbazole	17.869	167	1889778	32.981	ng/ul	100
80) Fluoranthene	19.469	202	15571080	267.685	ng/ul	99
82) Pyrene	19.822	202	13160849	221.797	ng/ul	98
83) Butylbenzylphthalate	20.651	149	25011	1.033	ng/ul#	69
85) Benzo(a)anthracene	21.533	228	8185562	162.338	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.404	149	278731	8.378	ng/ul#	97
87) Chrysene	21.533	228	8167656	170.731	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	12672670	201.112	ng/ul	97
91) Benzo(k)fluoranthene	23.363	252	4274084	67.133	ng/ul	95
93) Benzo(a)pyrene	23.992	252	7963054	144.625	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.810	276	6241886	83.509	ng/ul	98
95) Dibenzo(a,h)anthracene	26.798	278	1862014	30.329	ng/ul#	80
96) Benzo(g,h,i)perylene	27.645	276	5442259	88.505	ng/ul	95

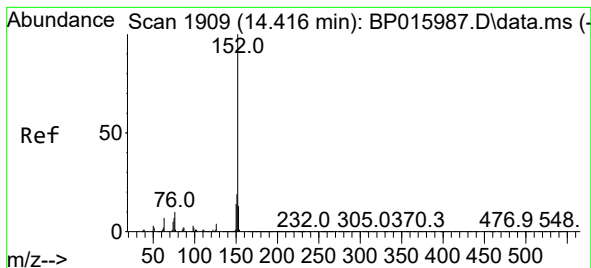
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.229 ng/ul

RT: 14.416 min Scan# 1909

Delta R.T. -0.005 min

Lab File: BP015992.D

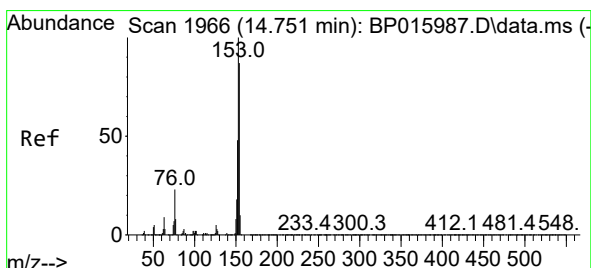
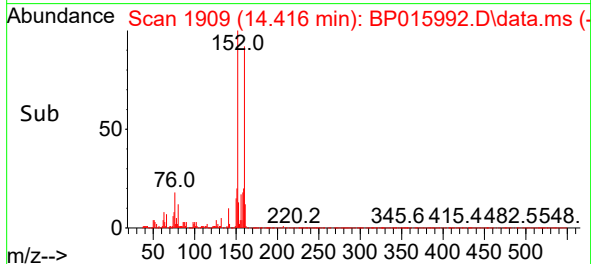
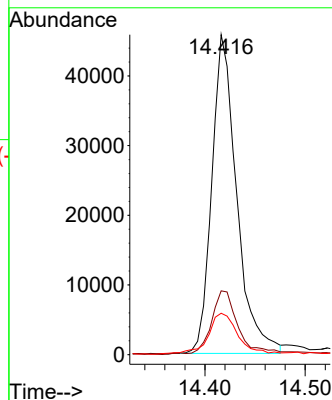
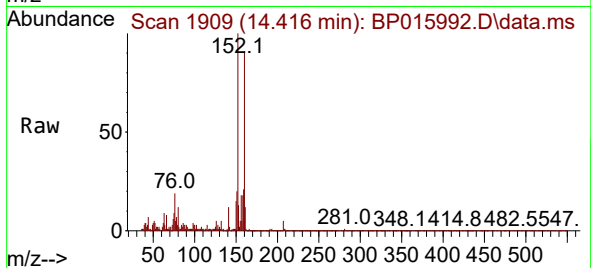
Acq: 05 Jul 2023 00:44

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:152	Resp:	78840
Ion Ratio	Lower	Upper
152	100	
151	20.0	16.2 24.2
153	13.0	10.5 15.7



#52

Acenaphthene

Concen: 9.128 ng/ul

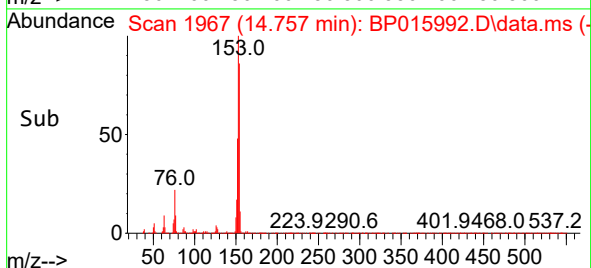
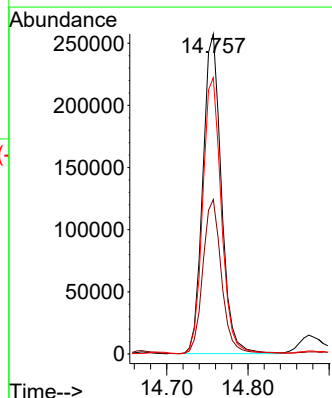
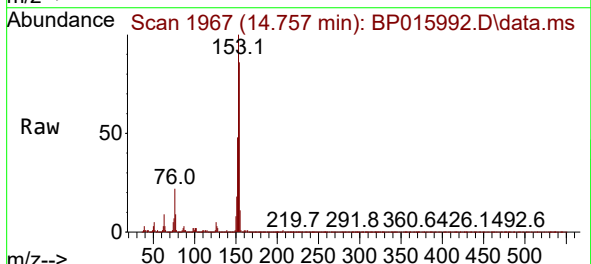
RT: 14.757 min Scan# 1967

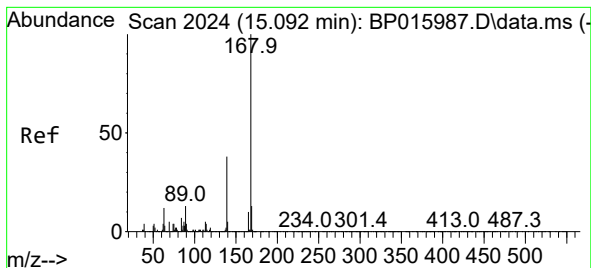
Delta R.T. 0.000 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Tgt Ion:153	Resp:	406214
Ion Ratio	Lower	Upper
153	100	
152	48.2	39.4 59.2
154	86.3	71.4 107.2





#56

Dibenzofuran

Concen: 3.230 ng/ul

RT: 15.104 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Instrument :

BNP_P

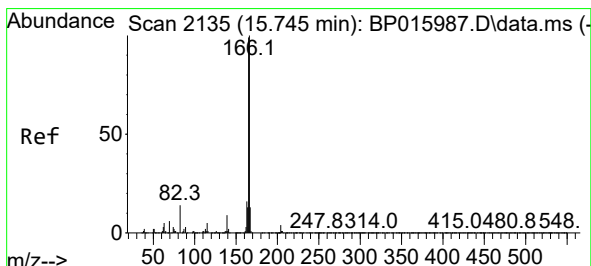
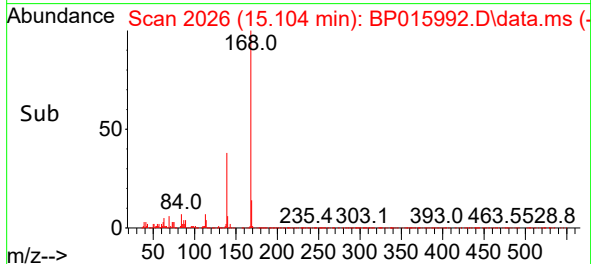
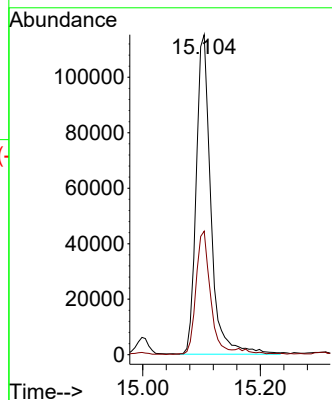
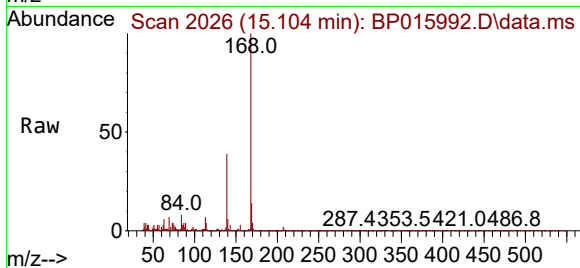
ClientSampleId :

Tgt Ion:168 Resp: 199558

Ion Ratio Lower Upper

168 100

139 38.6 32.2 48.4



#61

Fluorene

Concen: 8.633 ng/ul

RT: 15.746 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

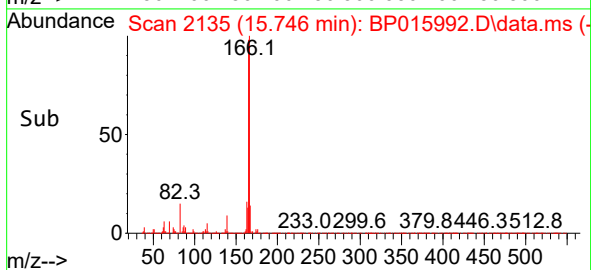
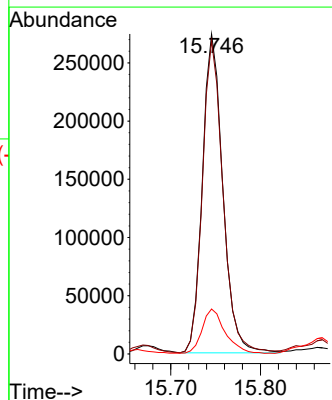
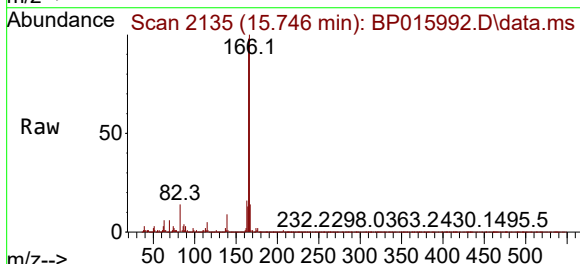
Tgt Ion:166 Resp: 432552

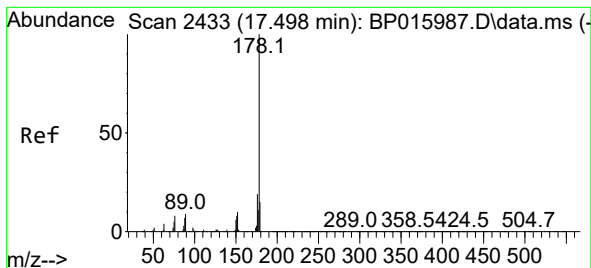
Ion Ratio Lower Upper

166 100

165 97.9 78.7 118.1

167 14.1 10.5 15.7





#72

Phenanthrene

Concen: 133.384 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Instrument :

BNA_P

ClientSampleId :

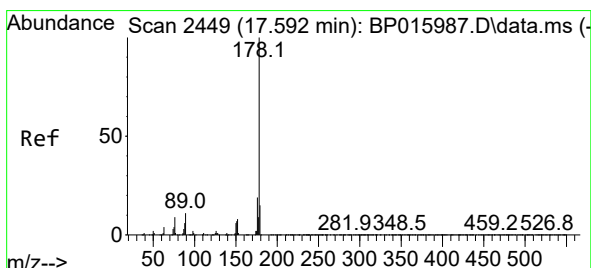
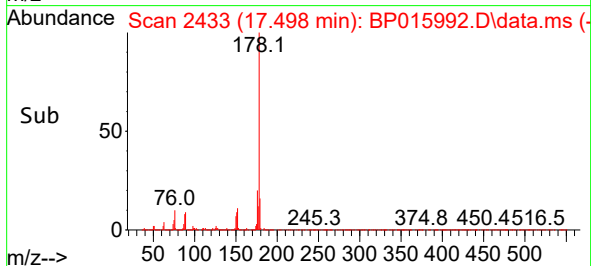
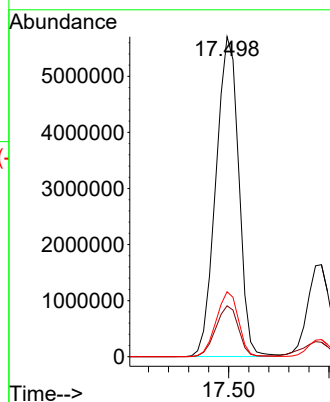
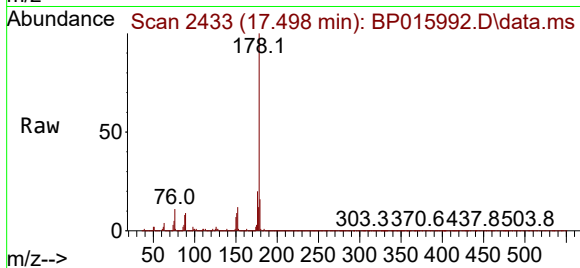
Tgt Ion:178 Resp: 9024113

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 20.3 15.6 23.4



#74

Anthracene

Concen: 38.234 ng/ul

RT: 17.592 min Scan# 2449

Delta R.T. -0.005 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

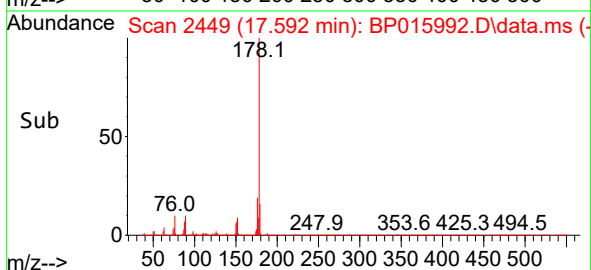
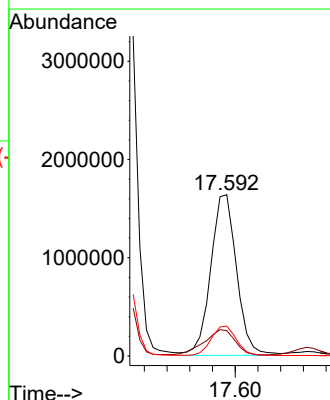
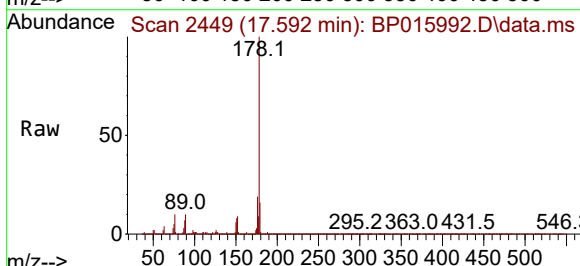
Tgt Ion:178 Resp: 2599217

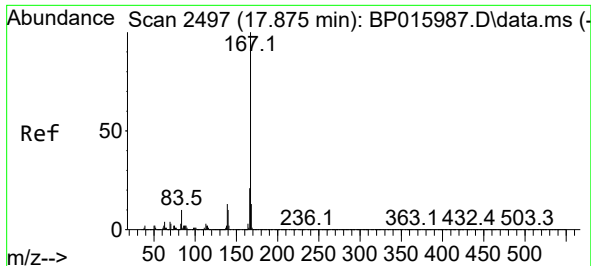
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 18.6 14.6 22.0

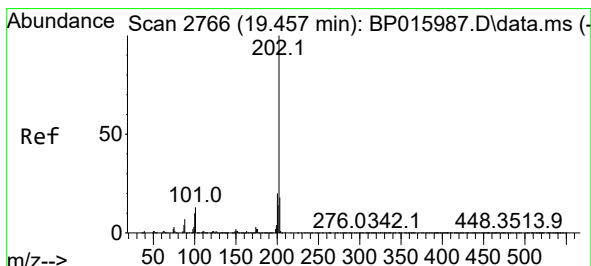
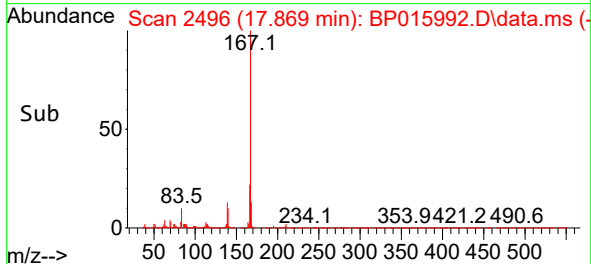
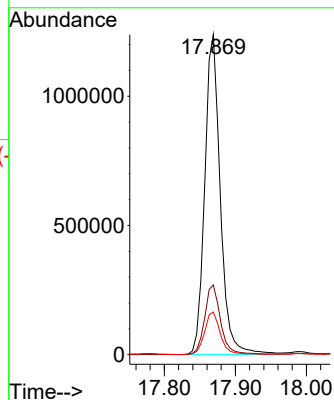
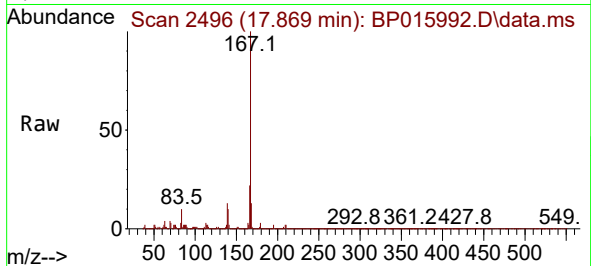




#77
 Carbazole
 Concen: 32.981 ng/ul
 RT: 17.869 min Scan# 2497
 Delta R.T. -0.005 min
 Lab File: BP015992.D
 Acq: 05 Jul 2023 00:44

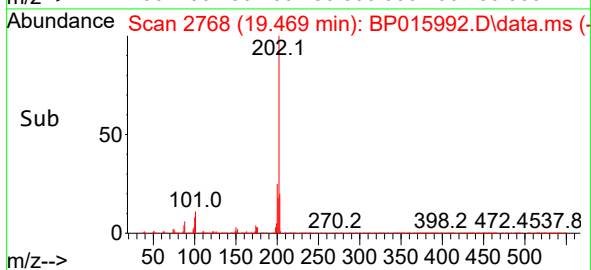
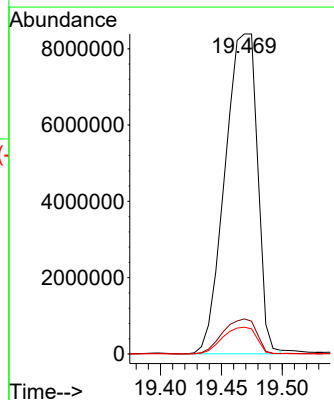
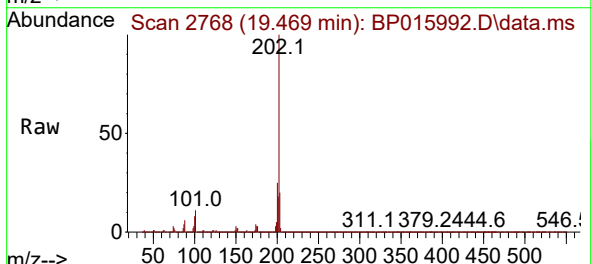
Instrument :
 BNA_P
 ClientSampleId :

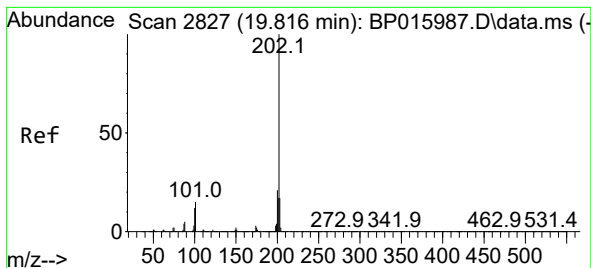
Tgt Ion:167 Resp: 1889778
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.4 11.0 16.4



#80
 Fluoranthene
 Concen: 267.685 ng/ul
 RT: 19.469 min Scan# 2768
 Delta R.T. 0.006 min
 Lab File: BP015992.D
 Acq: 05 Jul 2023 00:44

Tgt Ion:202 Resp:15571080
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.3 12.5
 100 8.3 6.6 9.8





#82

Pyrene

Concen: 221.797 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Instrument :

BNA_P

ClientSampleId :

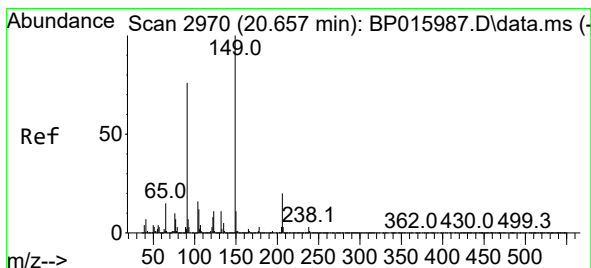
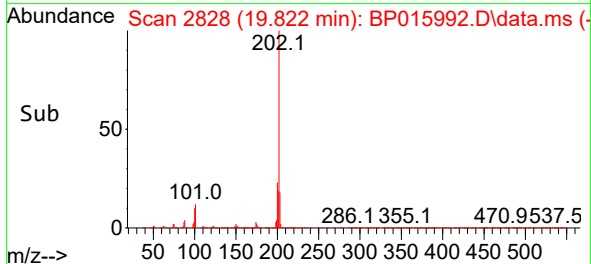
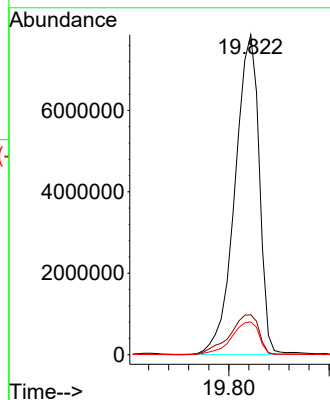
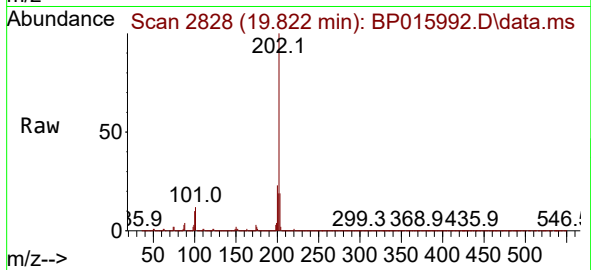
Tgt Ion:202 Resp:13160849

Ion Ratio Lower Upper

202 100

101 12.5 9.3 13.9

100 10.3 7.6 11.4



#83

Butylbenzylphthalate

Concen: 1.033 ng/ul

RT: 20.651 min Scan# 2969

Delta R.T. -0.011 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

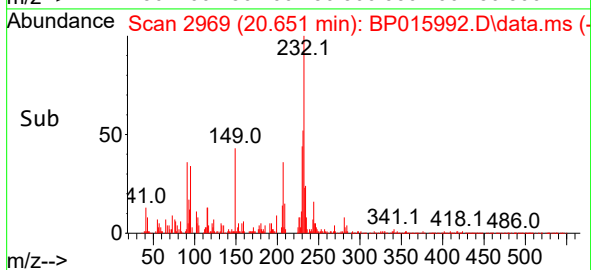
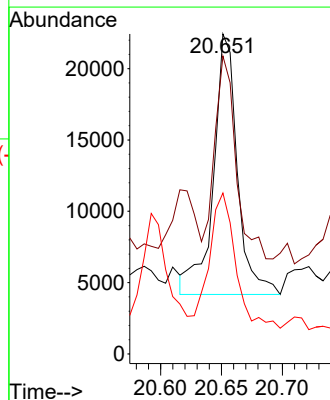
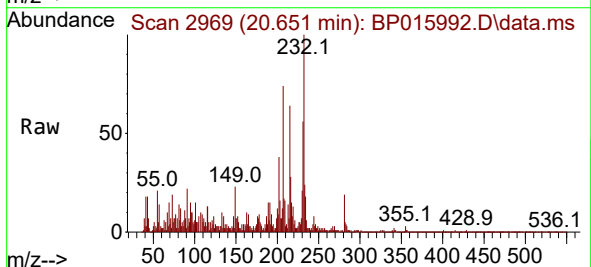
Tgt Ion:149 Resp: 25011

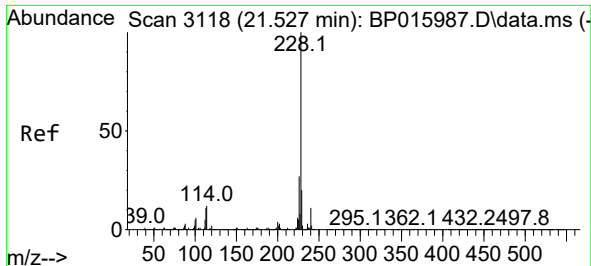
Ion Ratio Lower Upper

149 100

91 93.1 59.8 89.6#

206 50.3 16.4 24.6#

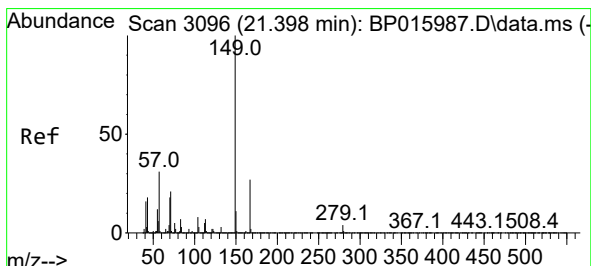
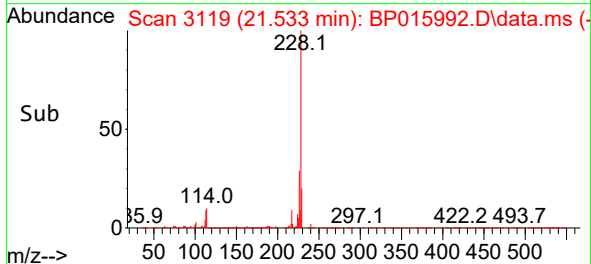
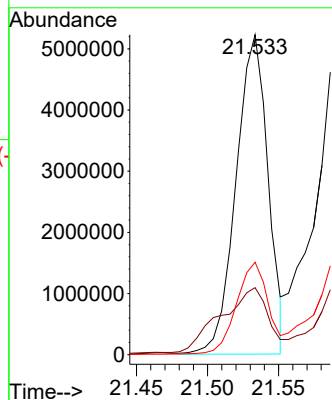
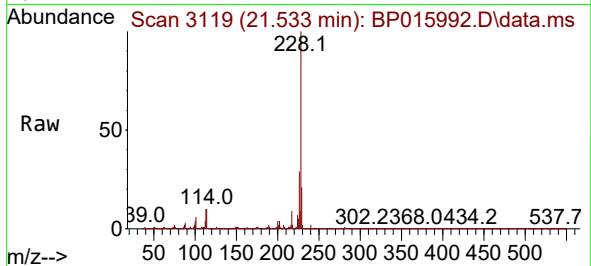




#85
Benzo(a)anthracene
Concen: 162.338 ng/ul
RT: 21.533 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

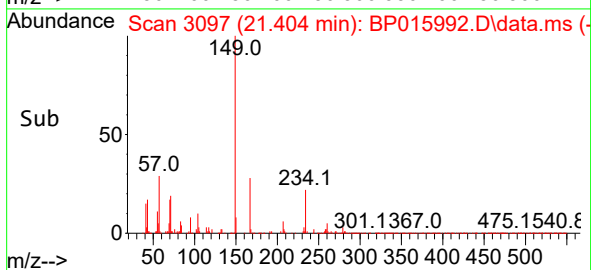
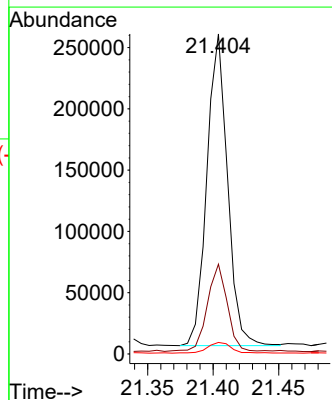
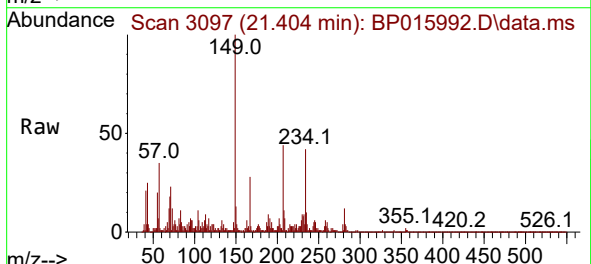
Instrument :
BNA_P
ClientSampleId :

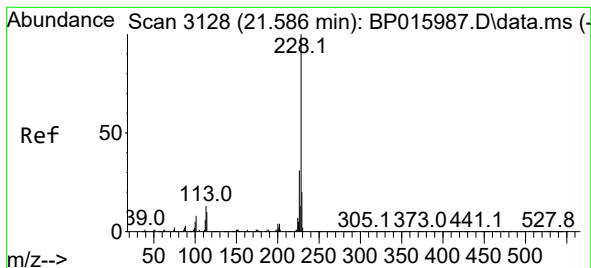
Tgt Ion:228 Resp: 8185562
Ion Ratio Lower Upper
228 100
229 20.9 15.3 22.9
226 28.9 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 8.378 ng/ul
RT: 21.404 min Scan# 3097
Delta R.T. -0.005 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

Tgt Ion:149 Resp: 278731
Ion Ratio Lower Upper
149 100
167 28.0 21.0 31.6
279 3.6 3.8 5.6#





#87

Chrysene

Concen: 170.731 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.052 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Instrument :

BNA_P

ClientSampleId :

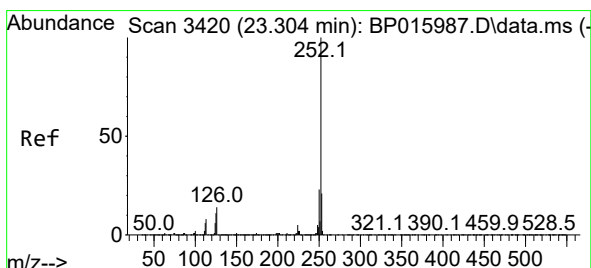
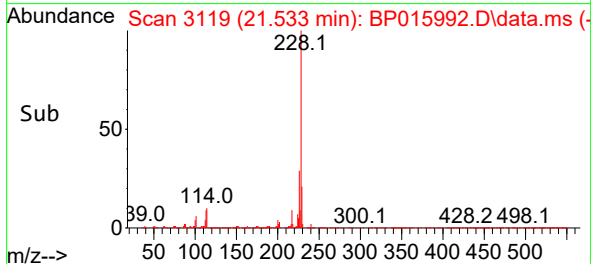
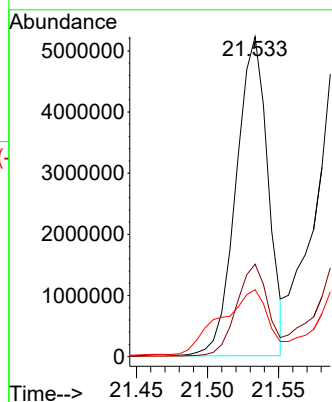
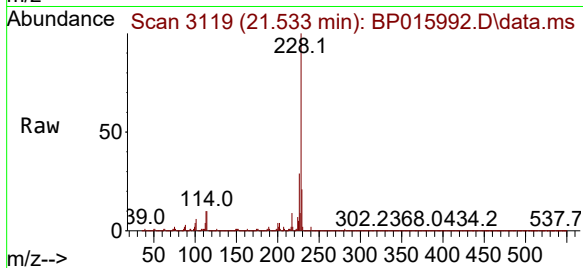
Tgt Ion:228 Resp: 8167656

Ion Ratio Lower Upper

228 100

226 28.9 24.3 36.5

229 20.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 201.112 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.018 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

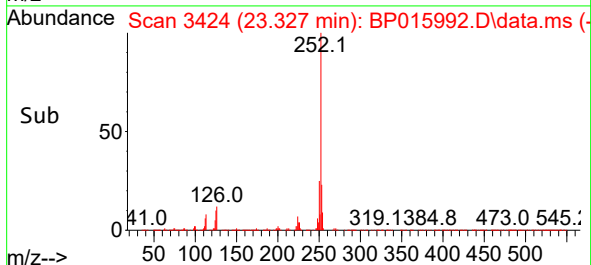
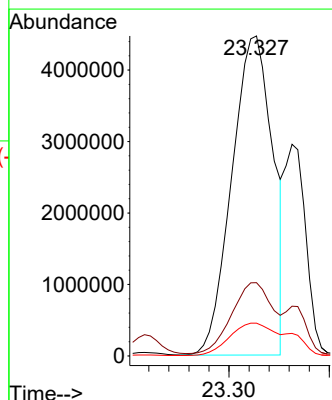
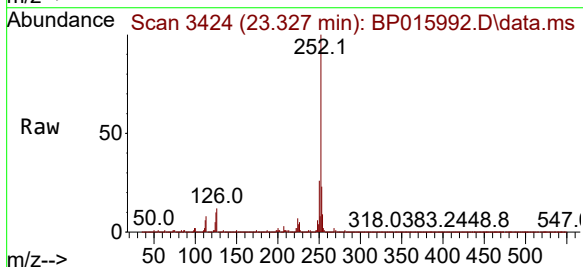
Tgt Ion:252 Resp:12672670

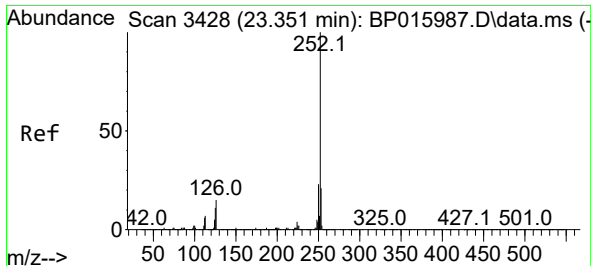
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

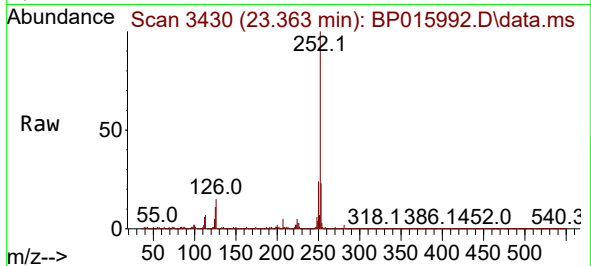
125 10.2 7.5 11.3



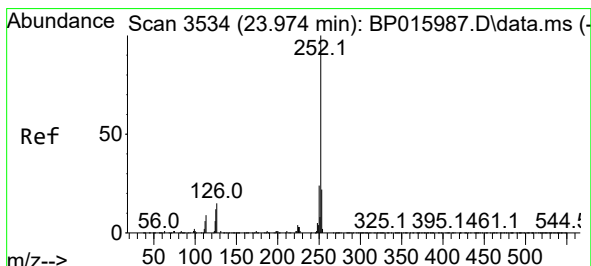
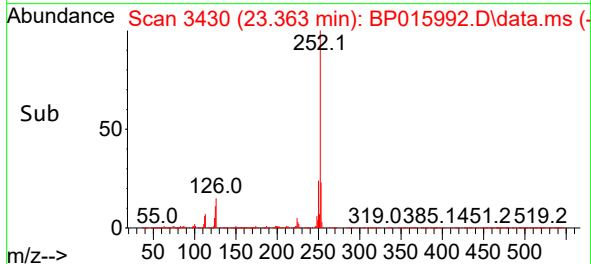
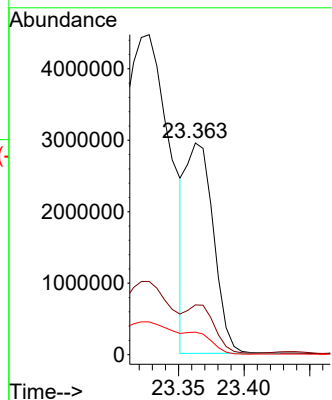


#91
Benzo(k)fluoranthene
Concen: 67.133 ng/ul
RT: 23.363 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

Instrument :
BNA_P
ClientSampleId :

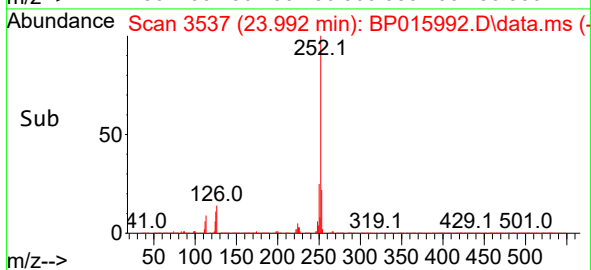
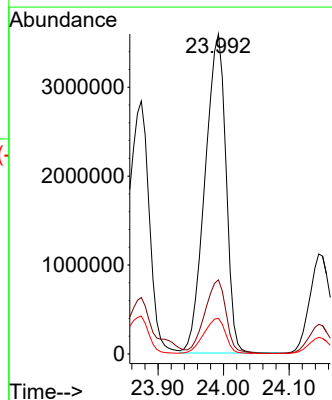
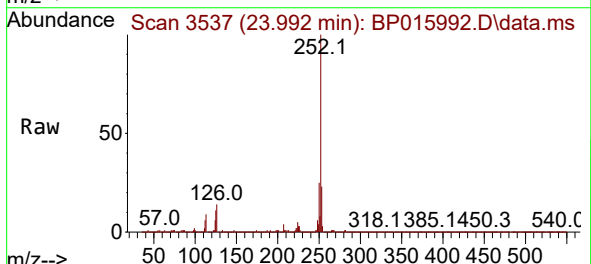


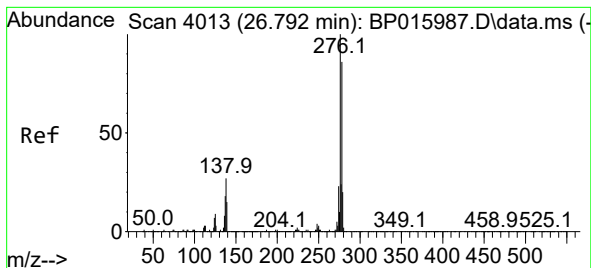
Tgt Ion:252 Resp: 4274084
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 10.7 7.3 10.9



#93
Benzo(a)pyrene
Concen: 144.625 ng/ul
RT: 23.992 min Scan# 3537
Delta R.T. 0.012 min
Lab File: BP015992.D
Acq: 05 Jul 2023 00:44

Tgt Ion:252 Resp: 7963054
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.1 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 83.509 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. 0.018 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Instrument :

BNA_P

ClientSampleId :

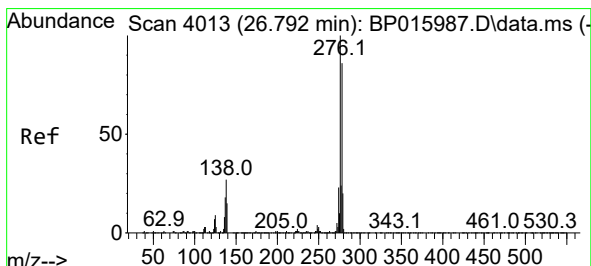
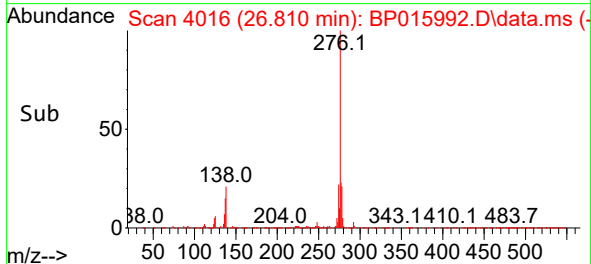
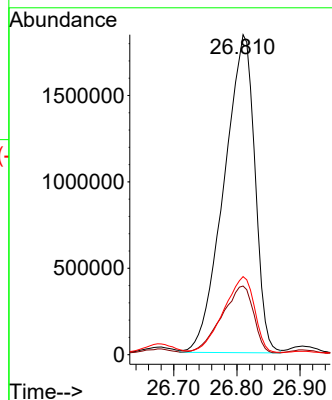
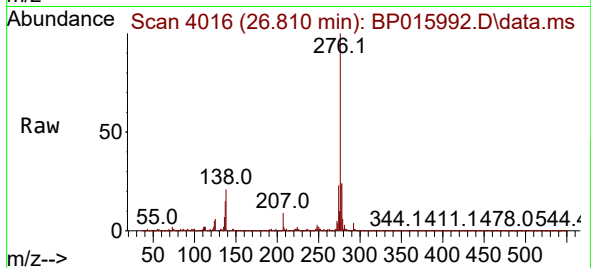
Tgt Ion:276 Resp: 6241886

Ion Ratio Lower Upper

276 100

138 21.5 15.7 23.5

277 24.4 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 30.329 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

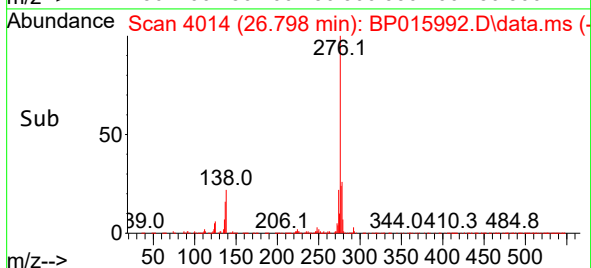
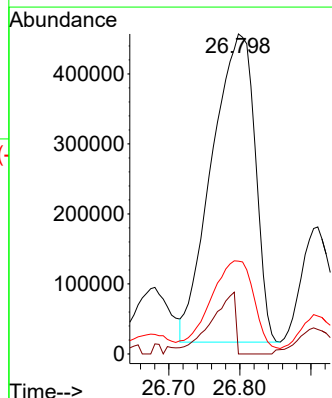
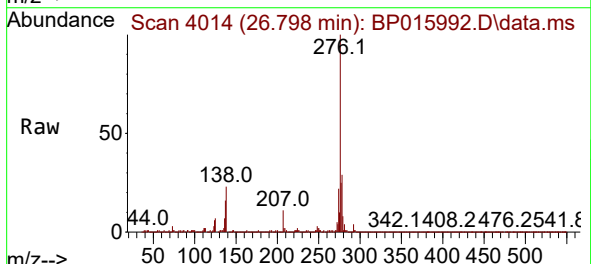
Tgt Ion:278 Resp: 1862014

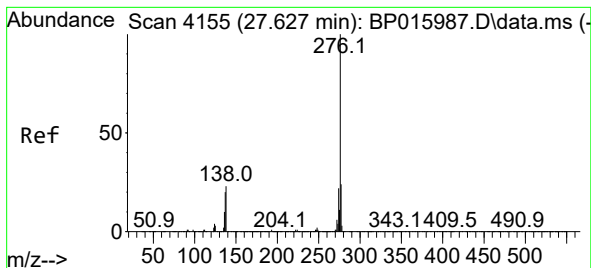
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 29.0 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 88.505 ng/ul

RT: 27.645 min Scan# 41

Delta R.T. 0.018 min

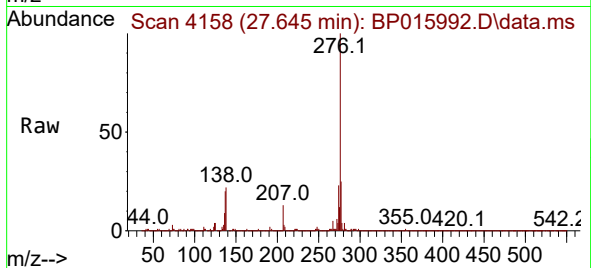
Lab File: BP015992.D

Acq: 05 Jul 2023 00:44

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 5442259

Ion Ratio Lower Upper

276 100

138 22.4 15.1 22.7

277 25.0 18.8 28.2

