

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013003.D
 Acq On : 09 Dec 2022 02:13
 Operator : CG/JU
 Sample : N5832-09DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 04:08:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

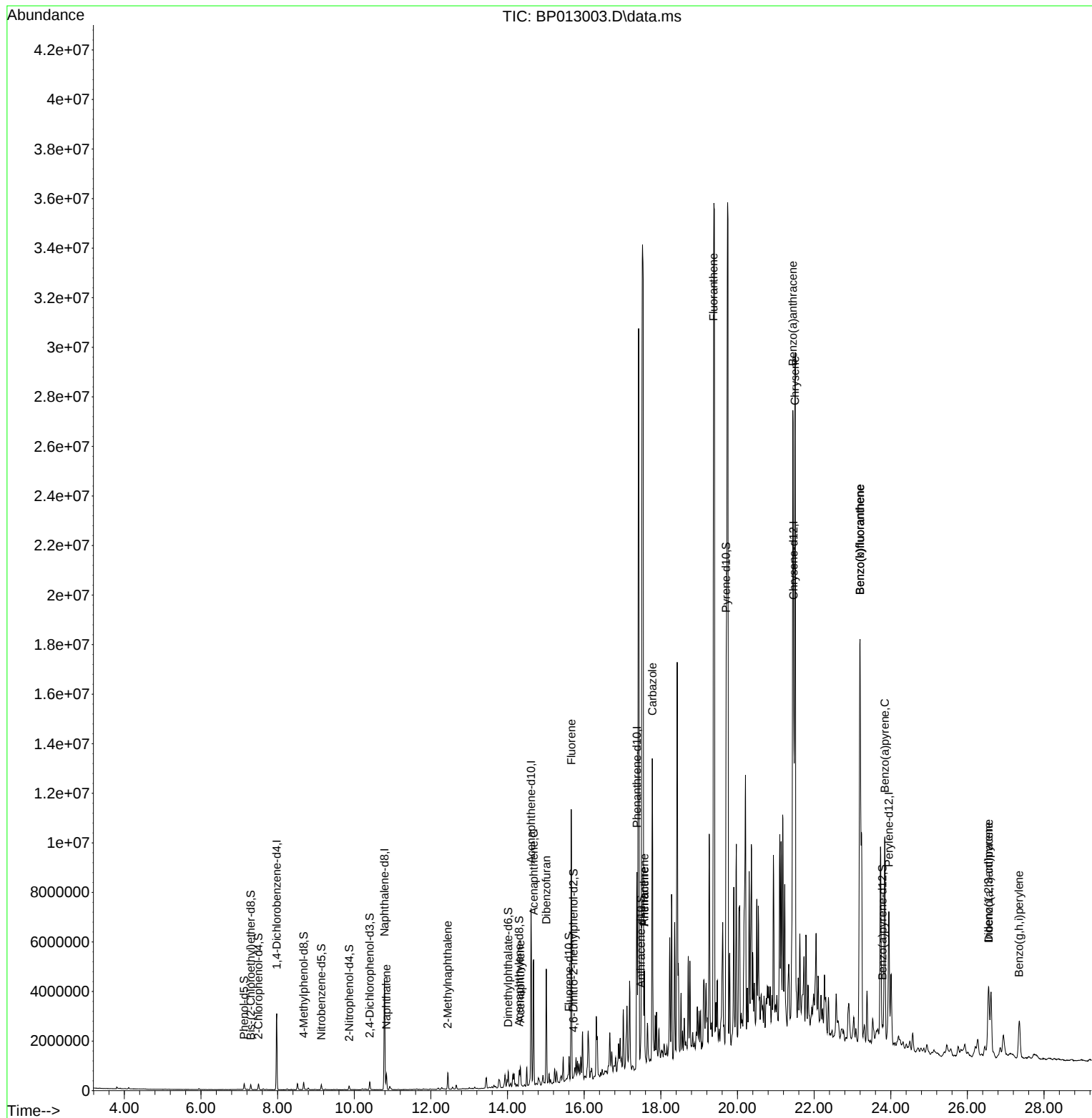
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	859522	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	3745878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	2478913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	5306673	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	4256237	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	4410929	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	4861	0.242	ng/uL	0.00
4) Pyridine-d5	3.799	84	40775	0.714	ng/ul	0.01
7) Phenol-d5	7.128	99	133703	1.910	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	85676	2.029	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	107577	1.952	ng/ul	-0.01
15) 4-Methylphenol-d8	8.681	113	110733	1.930	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	46577	1.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	50237	1.621	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	116459	1.935	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	73365	0.863	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	418850	2.199	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	438977	2.097	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	32285	0.942	ng/ul	0.00
60) Fluorene-d10	15.604	176	386727	2.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	34220	1.002	ng/ul	0.00
73) Anthracene-d10	17.481	188	589960	2.464	ng/ul	0.00
81) Pyrene-d10	19.704	212	661567	2.708	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	516707	2.350	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.840	128	522568	2.667	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	320293	2.383	ng/ul	100
50) Acenaphthylene	14.334	152	508943	2.261	ng/ul	98
52) Acenaphthene	14.681	153	2078795	13.329	ng/ul	100
56) Dibenzofuran	15.010	168	2815938	12.699	ng/ul	99
61) Fluorene	15.663	166	4866160	27.363	ng/ul	100
72) Phenanthrene	17.569	178	438168	1.585	ng/ul#	1
74) Anthracene	17.569	178	470040	1.703	ng/ul#	1
77) Carbazole	17.781	167	8240126	35.452	ng/ul	99
80) Fluoranthene	19.375	202	3653011	13.174	ng/ul#	90
85) Benzo(a)anthracene	21.445	228	14978374	53.011	ng/ul#	89
87) Chrysene	21.498	228	16835943	63.009	ng/ul#	92
90) Benzo(b)fluoranthene	23.198	252	16324863	58.039	ng/ul	97
91) Benzo(k)fluoranthene	23.198	252	16324863	58.530	ng/ul	97
93) Benzo(a)pyrene	23.845	252	6732494	27.489	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.551	276	3114741	10.210	ng/ul	98
95) Dibenzo(a,h)anthracene	26.557	278	829679	3.285	ng/ul#	84
96) Benzo(g,h,i)perylene	27.351	276	2181395	8.907	ng/ul	99

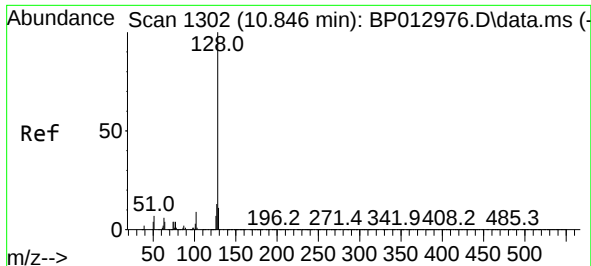
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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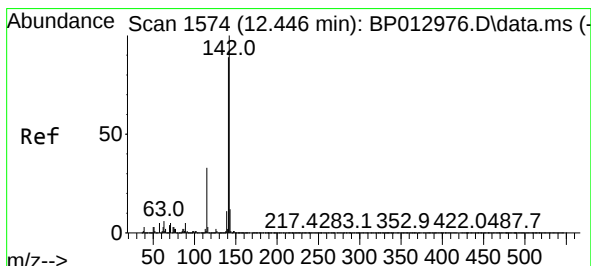
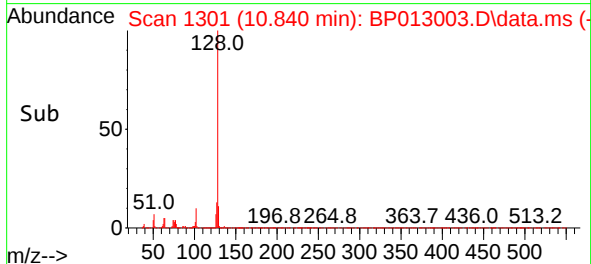
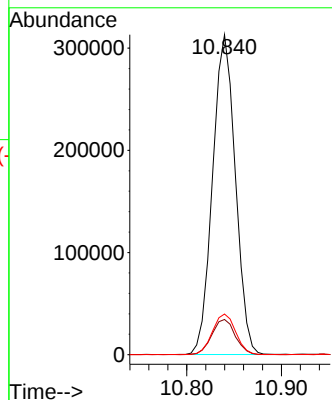
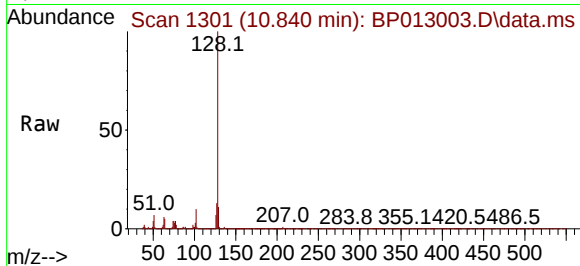




#30
Naphthalene
Concen: 2.667 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013003.D
Acq: 09 Dec 2022 02:13

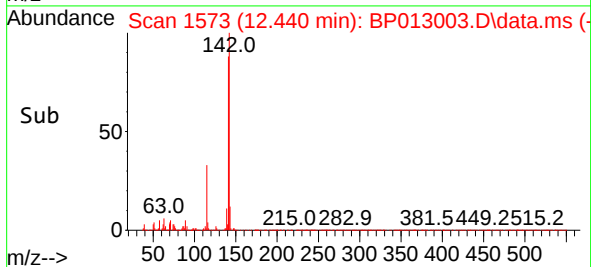
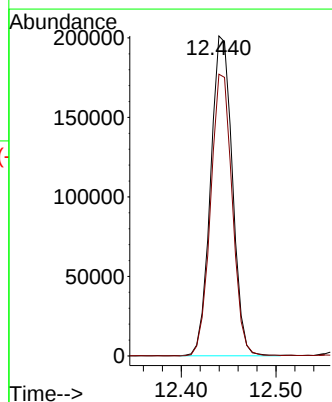
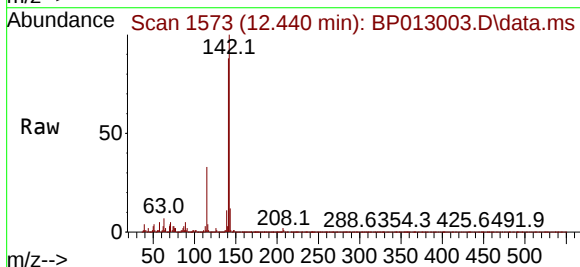
Instrument :
BNA_P
ClientSampleId :

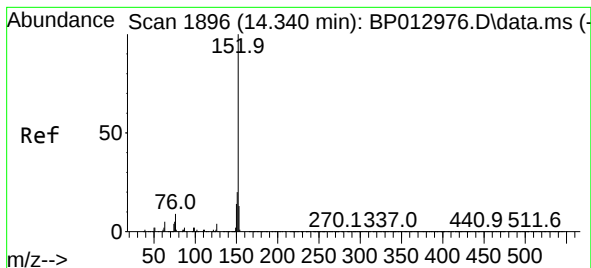
Tgt Ion:128 Resp: 522568
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.4 15.6



#36
2-Methylnaphthalene
Concen: 2.383 ng/ul
RT: 12.440 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP013003.D
Acq: 09 Dec 2022 02:13

Tgt Ion:142 Resp: 320293
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2





#50

Acenaphthylene

Concen: 2.261 ng/ul

RT: 14.334 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

Instrument :

BNA_P

ClientSampleId :

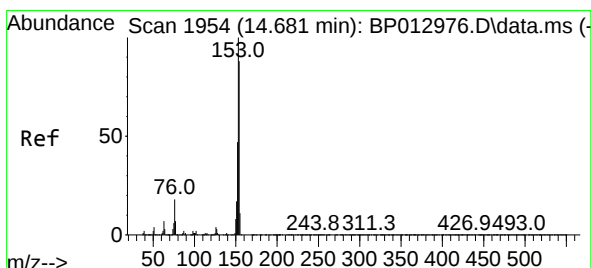
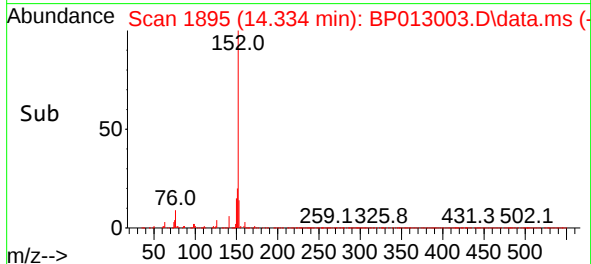
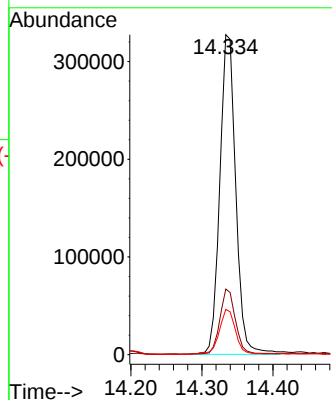
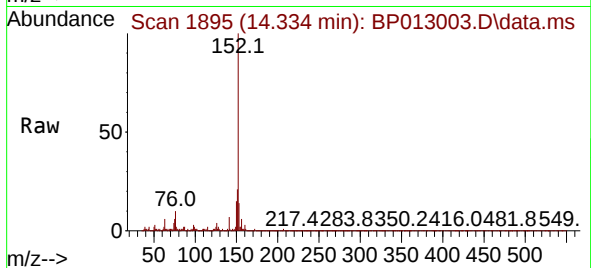
Tgt Ion:152 Resp: 508943

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.6

153 14.2 10.6 16.0



#52

Acenaphthene

Concen: 13.329 ng/ul

RT: 14.681 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

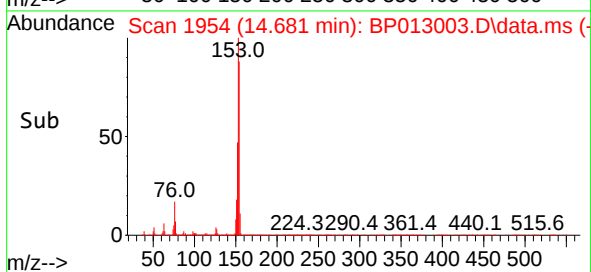
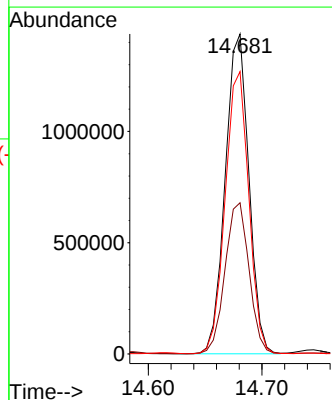
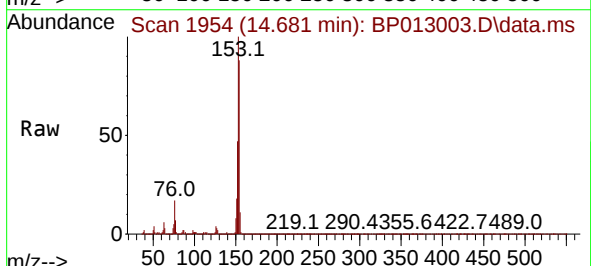
Tgt Ion:153 Resp: 2078795

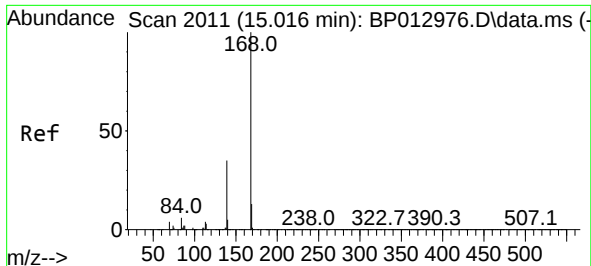
Ion Ratio Lower Upper

153 100

152 47.3 38.2 57.4

154 88.3 70.8 106.2

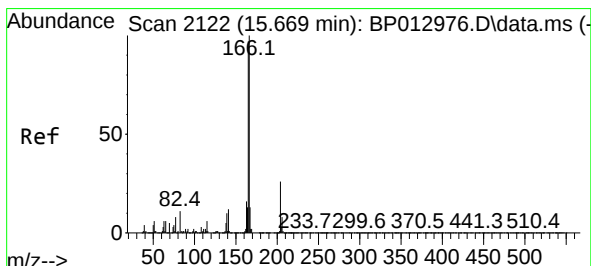
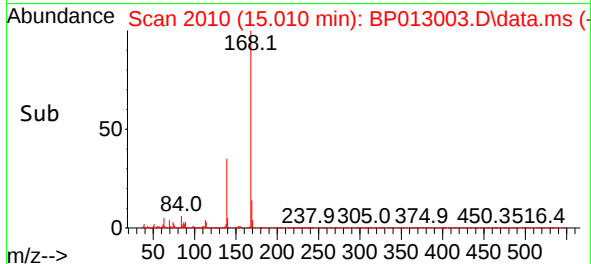
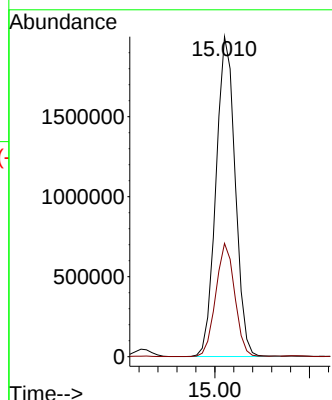
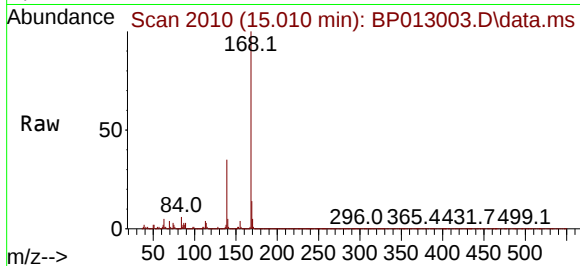




#56
Dibenzofuran
Concen: 12.699 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP013003.D
Acq: 09 Dec 2022 02:13

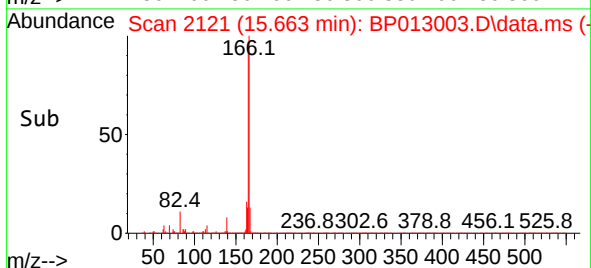
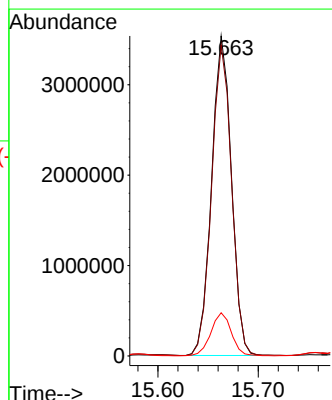
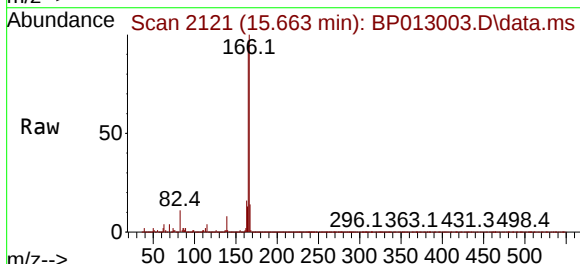
Instrument :
BNA_P
ClientSampleId :

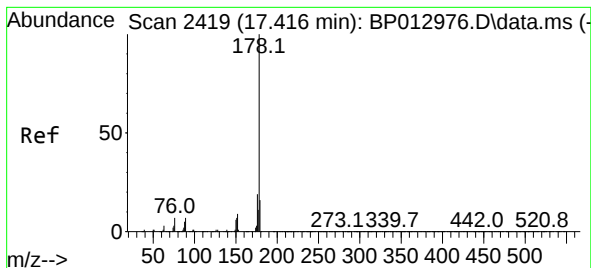
Tgt Ion:168 Resp: 2815938
Ion Ratio Lower Upper
168 100
139 35.4 27.9 41.9



#61
Fluorene
Concen: 27.363 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013003.D
Acq: 09 Dec 2022 02:13

Tgt Ion:166 Resp: 4866160
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.2
167 13.5 10.6 16.0





#72

Phenanthrene

Concen: 1.585 ng/ul

RT: 17.569 min Scan# 2419

Delta R.T. 0.153 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

Instrument :

BNA_P

ClientSampleId :

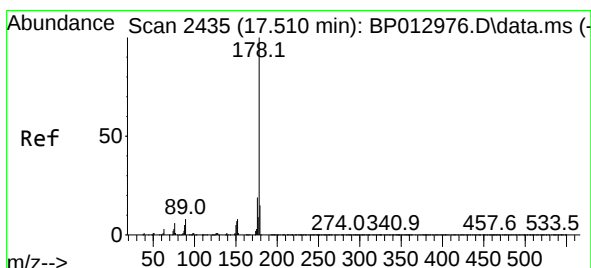
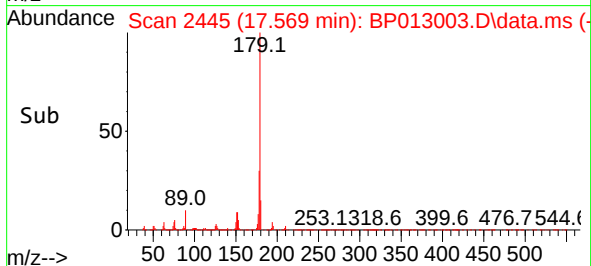
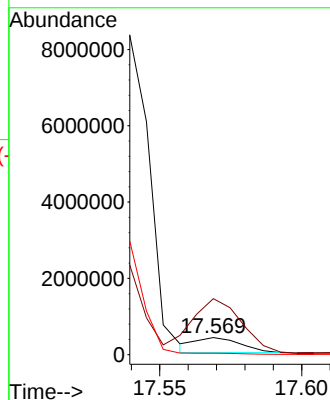
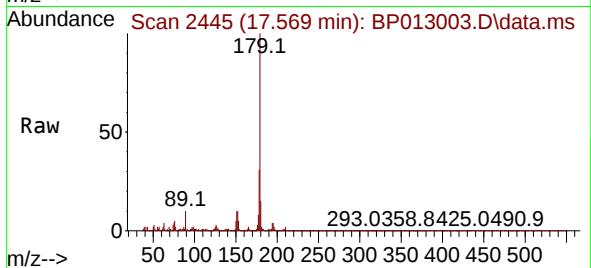
Tgt Ion:178 Resp: 438168

Ion Ratio Lower Upper

178 100

179 325.7 12.5 18.7#

176 8.8 15.4 23.0#



#74

Anthracene

Concen: 1.703 ng/ul

RT: 17.569 min Scan# 2445

Delta R.T. 0.059 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

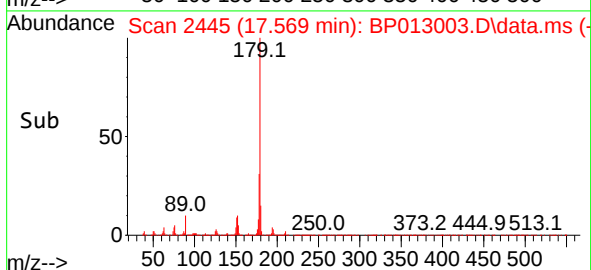
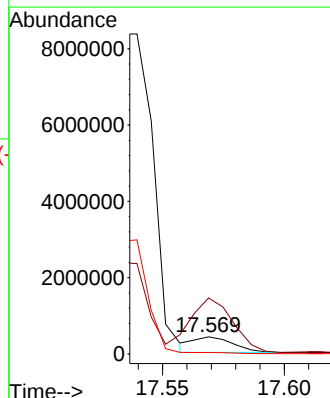
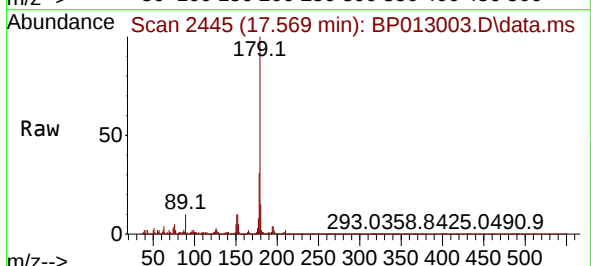
Tgt Ion:178 Resp: 470040

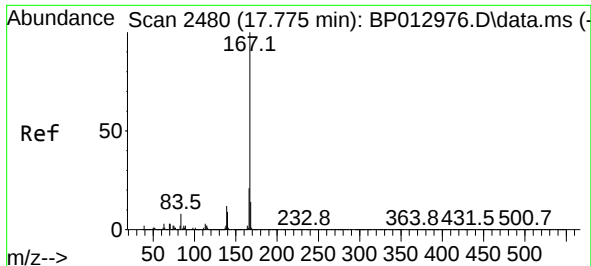
Ion Ratio Lower Upper

178 100

179 325.7 12.5 18.7#

176 8.8 14.8 22.2#

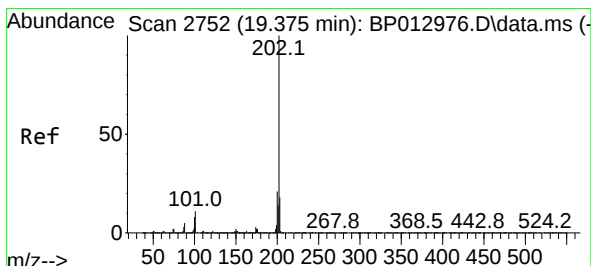
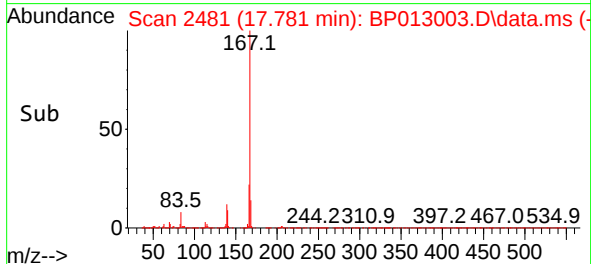
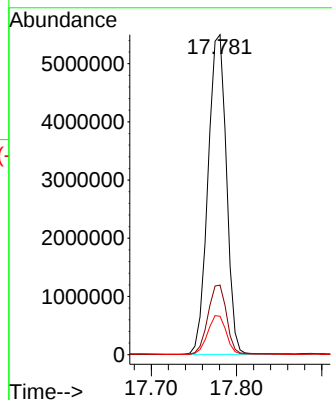
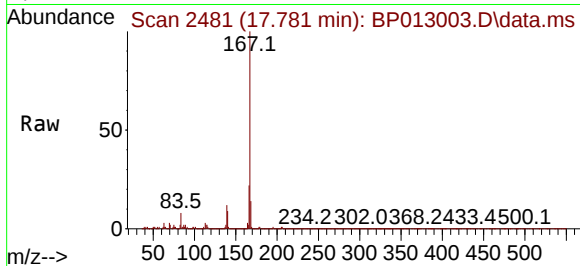




#77
 Carbazole
 Concen: 35.452 ng/ul
 RT: 17.781 min Scan# 2480
 Delta R.T. 0.006 min
 Lab File: BP013003.D
 Acq: 09 Dec 2022 02:13

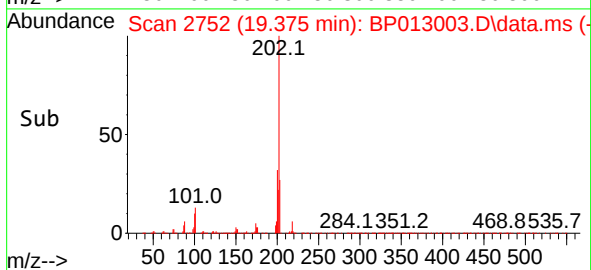
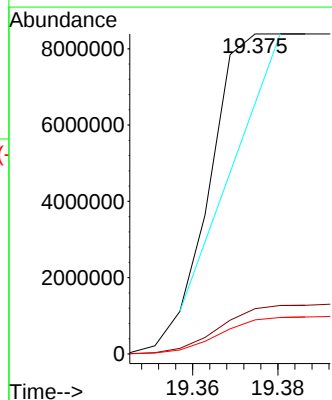
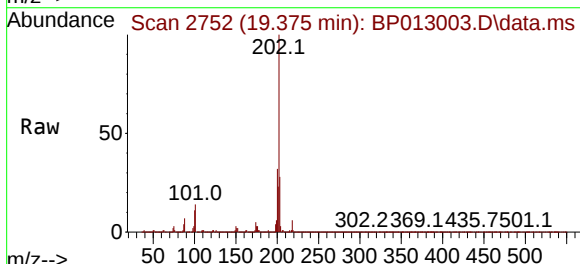
Instrument :
 BNA_P
 ClientSampleId :

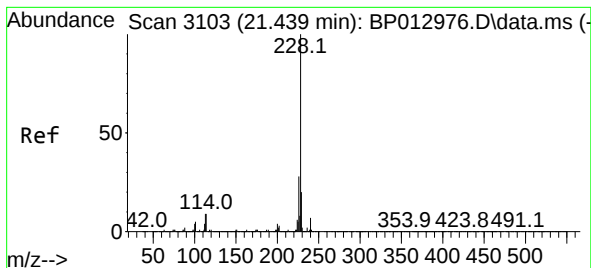
Tgt Ion:167 Resp: 8240126
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.0 9.4 14.2



#80
 Fluoranthene
 Concen: 13.174 ng/ul
 RT: 19.375 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BP013003.D
 Acq: 09 Dec 2022 02:13

Tgt Ion:202 Resp: 3653011
 Ion Ratio Lower Upper
 202 100
 101 14.1 8.2 12.2#
 100 10.6 6.1 9.1#





#85

Benzo(a)anthracene

Concen: 53.011 ng/ul

RT: 21.445 min Scan# 3104

Delta R.T. 0.006 min

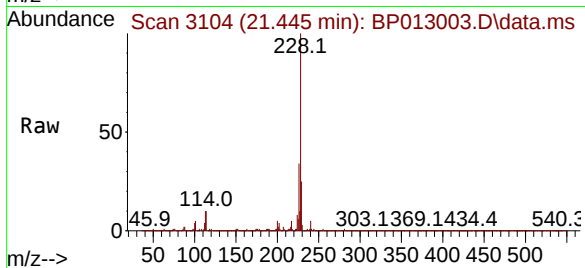
Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

Instrument :

BNA_P

ClientSampleId :



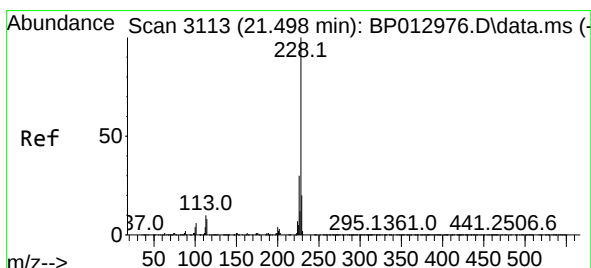
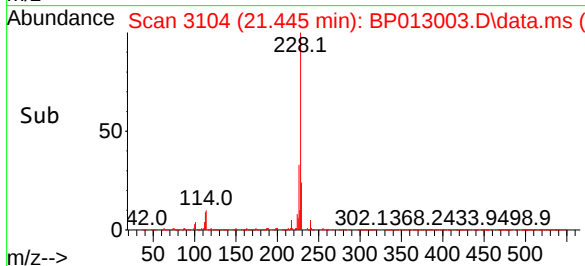
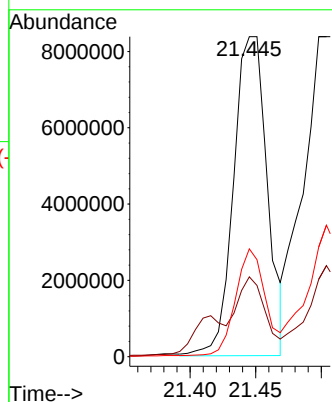
Tgt Ion:228 Resp:14978374

Ion Ratio Lower Upper

228 100

229 24.9 16.1 24.1#

226 33.7 22.0 33.0#



#87

Chrysene

Concen: 63.009 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

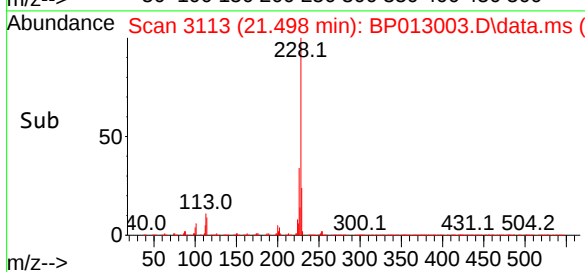
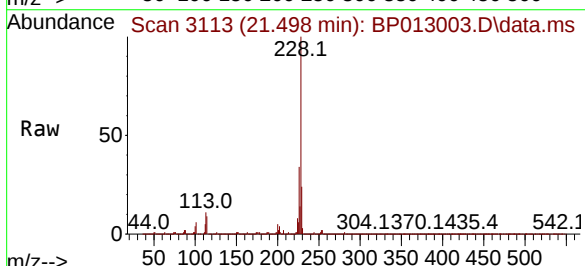
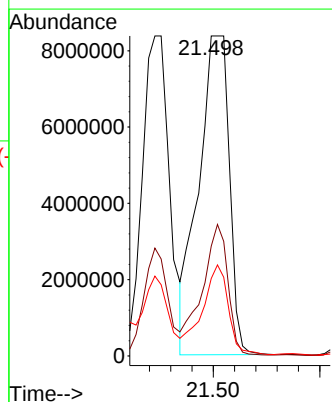
Tgt Ion:228 Resp:16835943

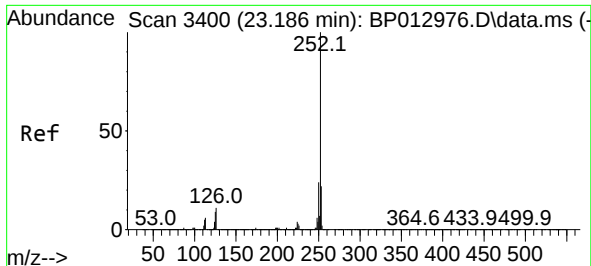
Ion Ratio Lower Upper

228 100

226 34.3 24.5 36.7

229 24.2 16.0 24.0#

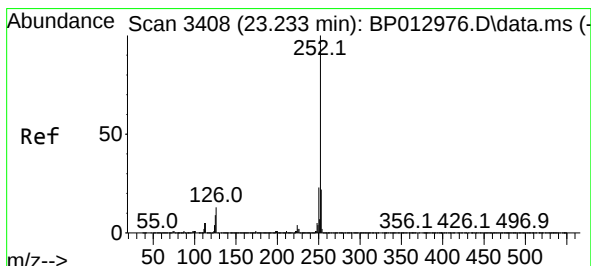
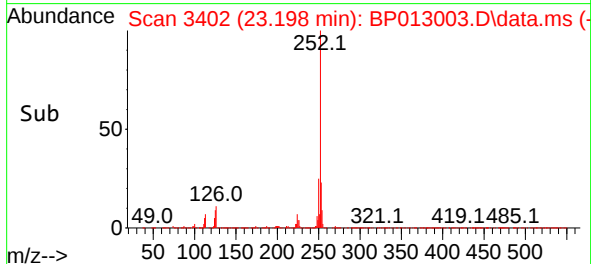
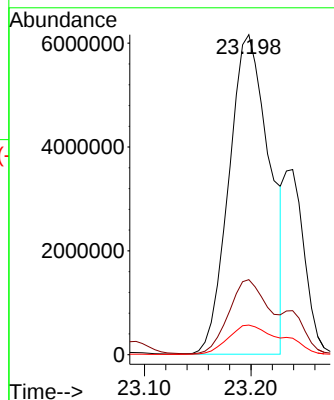
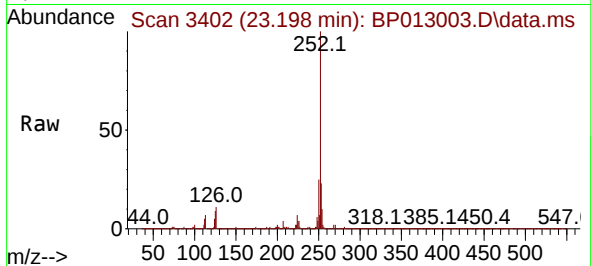




#90
Benzo(b)fluoranthene
Concen: 58.039 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. 0.012 min
Lab File: BP013003.D
Acq: 09 Dec 2022 02:13

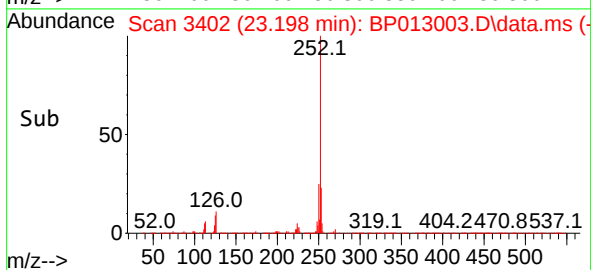
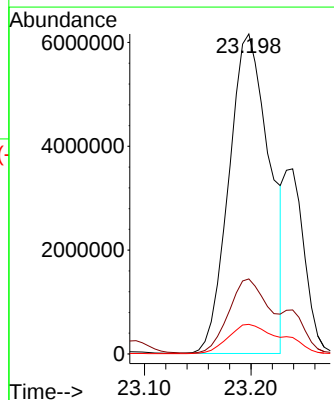
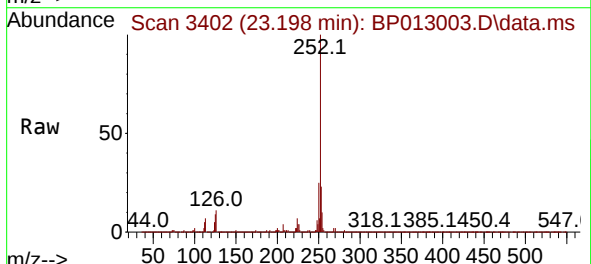
Instrument :
BNA_P
ClientSampleId :

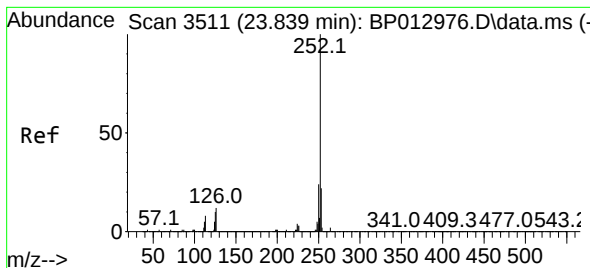
Tgt Ion:252 Resp:16324863
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 58.530 ng/ul
RT: 23.198 min Scan# 3402
Delta R.T. -0.035 min
Lab File: BP013003.D
Acq: 09 Dec 2022 02:13

Tgt Ion:252 Resp:16324863
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.2 6.8 10.2





#93

Benzo(a)pyrene

Concen: 27.489 ng/ul

RT: 23.845 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

Instrument :

BNA_P

ClientSampleId :

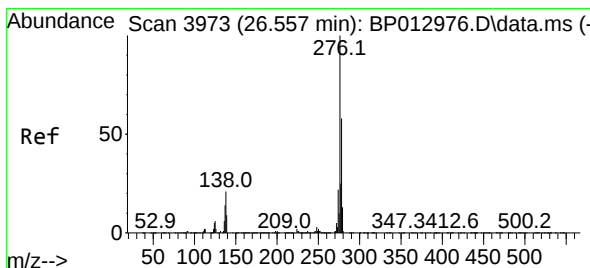
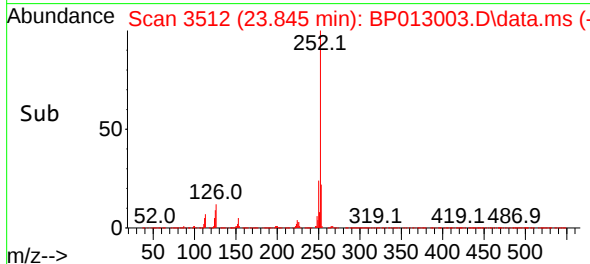
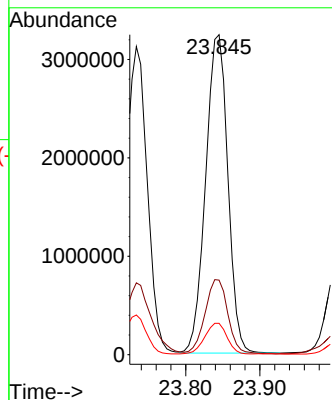
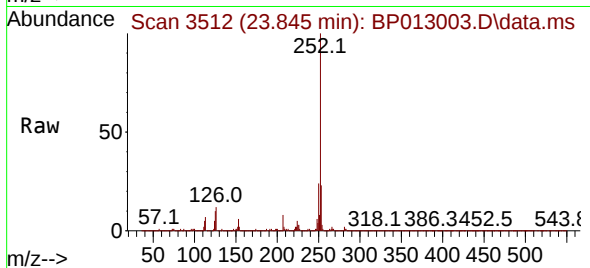
Tgt Ion:252 Resp: 6732494

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 9.8 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.210 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. -0.006 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

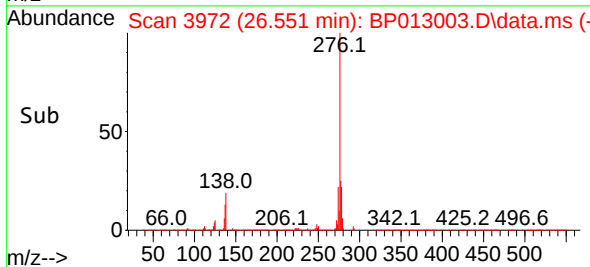
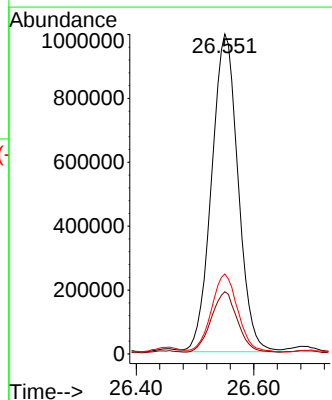
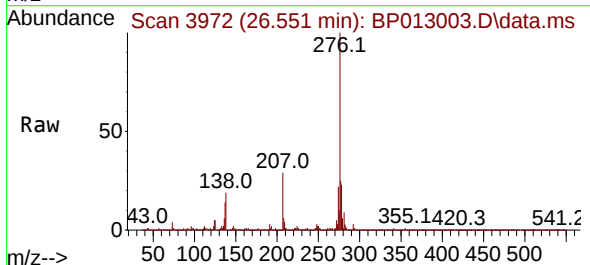
Tgt Ion:276 Resp: 3114741

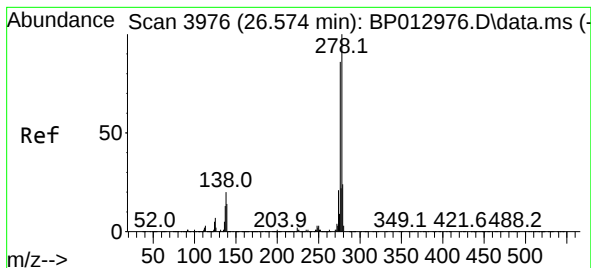
Ion Ratio Lower Upper

276 100

138 19.5 17.1 25.7

277 25.0 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 3.285 ng/ul

RT: 26.557 min Scan# 3976

Delta R.T. -0.012 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

Instrument :

BNA_P

ClientSampleId :

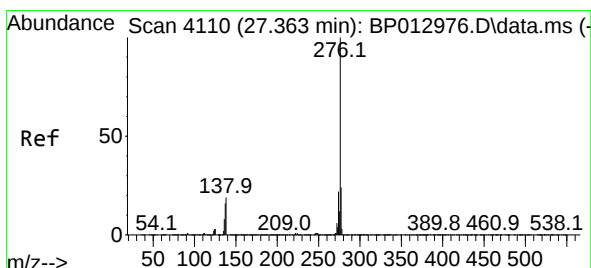
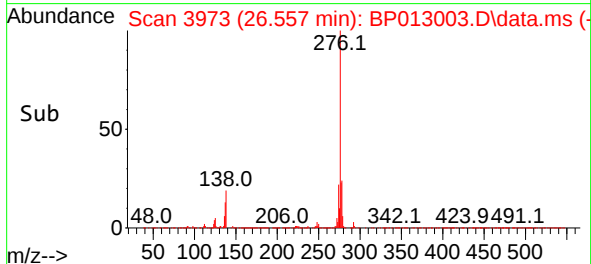
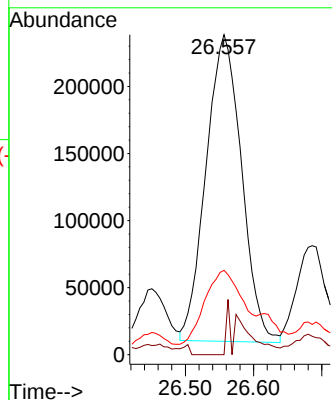
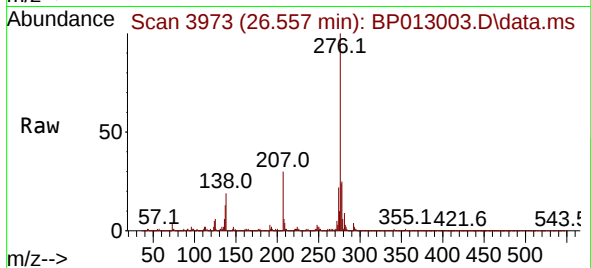
Tgt Ion:278 Resp: 829679

Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

279 26.4 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 8.907 ng/ul

RT: 27.351 min Scan# 4108

Delta R.T. 0.000 min

Lab File: BP013003.D

Acq: 09 Dec 2022 02:13

Tgt Ion:276 Resp: 2181395

Ion Ratio Lower Upper

276 100

138 18.8 15.4 23.2

277 23.4 19.1 28.7

