

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012271.D
 Acq On : 22 Oct 2022 06:22
 Operator : CG/JU
 Sample : N4755-07DL 10X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK3DL

Quant Time: Oct 22 10:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

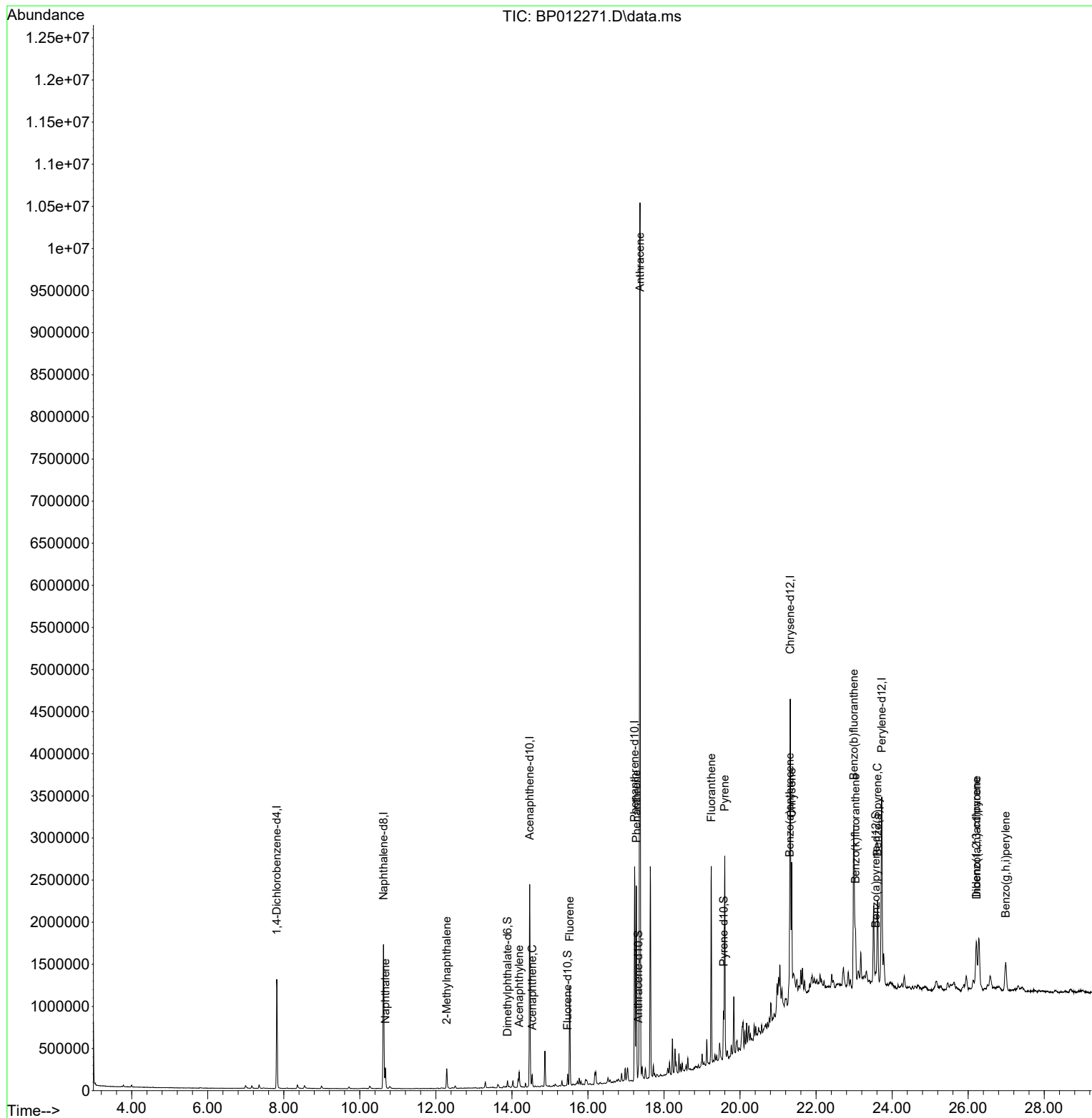
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	375940	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1474728	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	823678	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1517887	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1515568	20.000	ng/ul	0.00
88) Perylene-d12	23.727	264	1749239	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	1613	0.174	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.999	99	25201	0.776	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	16482	0.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	21894	0.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	18333	0.727	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	8847	0.810	ng/ul	0.01
24) 2-Nitrophenol-d4	9.716	143	9454	0.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	15923	0.721	ng/ul	0.01
31) 4-Chloroaniline-d4	10.787	131	12390	0.395	ng/ul	0.02
46) Dimethylphthalate-d6	13.887	166	60456	1.055	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	64043	0.979	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.463	176	54126	1.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	2343	0.271	ng/ul	0.00
73) Anthracene-d10	17.328	188	79256	1.191	ng/ul	0.00
81) Pyrene-d10	19.569	212	89063	1.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	97570	1.112	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.675	128	198707	2.519	ng/ul	99
36) 2-Methylnaphthalene	12.287	142	120842	2.252	ng/ul	99
50) Acenaphthylene	14.192	152	147869	2.029	ng/ul	99
52) Acenaphthene	14.534	153	57635	1.118	ng/ul	100
61) Fluorene	15.522	166	528519	9.456	ng/ul	99
72) Phenanthrene	17.275	178	1450283	17.777	ng/ul	99
74) Anthracene	17.369	178	6789186	84.111	ng/ul	99
80) Fluoranthene	19.245	202	1334765	12.518	ng/ul	97
82) Pyrene	19.598	202	1400812	12.841	ng/ul	96
85) Benzo(a)anthracene	21.304	228	486679	4.927	ng/ul	98
87) Chrysene	21.357	228	1012510	10.985	ng/ul	99
90) Benzo(b)fluoranthene	22.992	252	1690402	14.500	ng/ul	98
91) Benzo(k)fluoranthene	23.033	252	361079m	3.142	ng/ul	
93) Benzo(a)pyrene	23.615	252	718141	7.204	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.215	276	610530	5.291	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.221	278	148686	1.429	ng/ul#	79
96) Benzo(g,h,i)perylene	26.986	276	458488	4.231	ng/ul	98

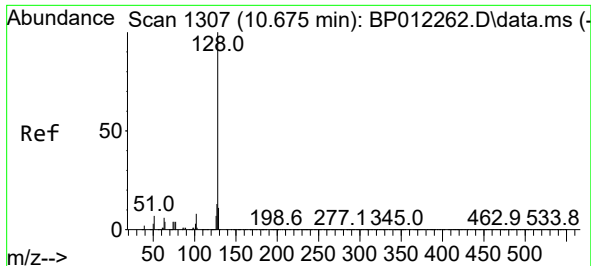
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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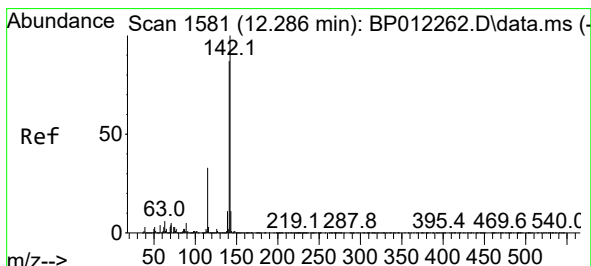
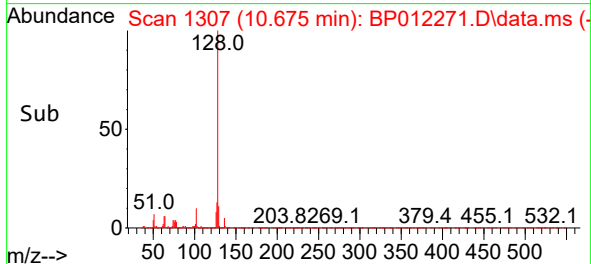
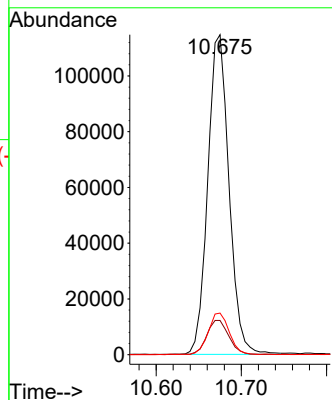
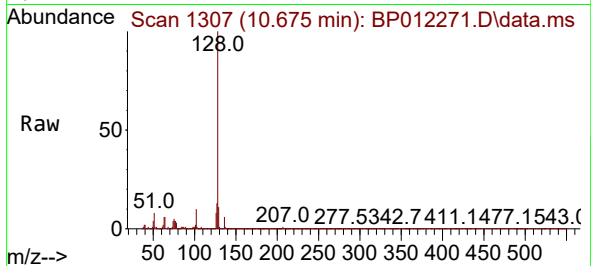




#30
Naphthalene
Concen: 2.519 ng/ul
RT: 10.675 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

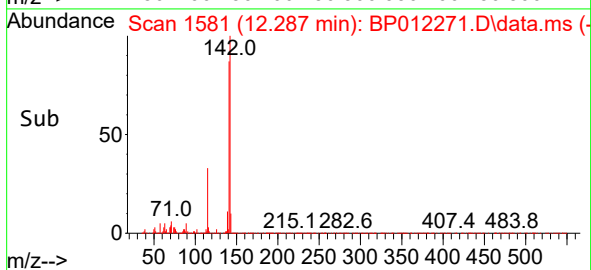
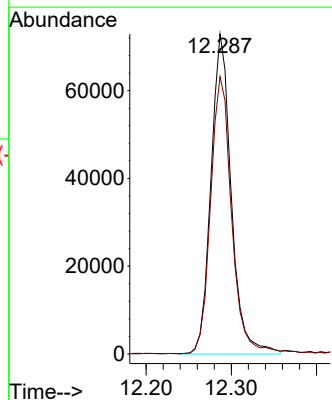
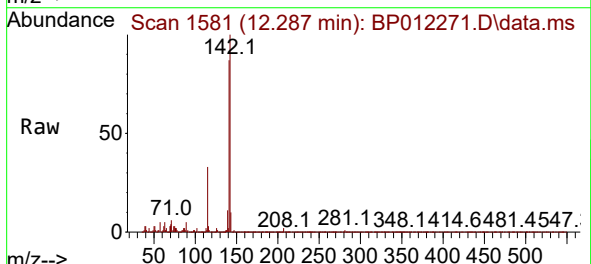
Instrument :
BNA_P
ClientSampleId :
DBWK3DL

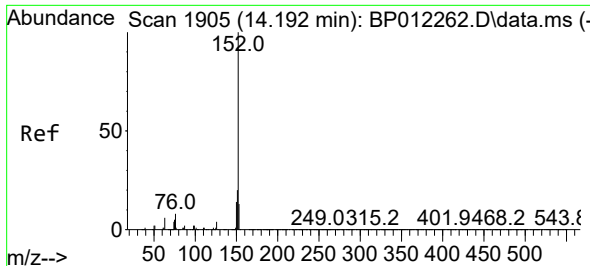
Tgt Ion:128 Resp: 198707
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.2 15.4



#36
2-Methylnaphthalene
Concen: 2.252 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

Tgt Ion:142 Resp: 120842
Ion Ratio Lower Upper
142 100
141 86.6 70.3 105.5

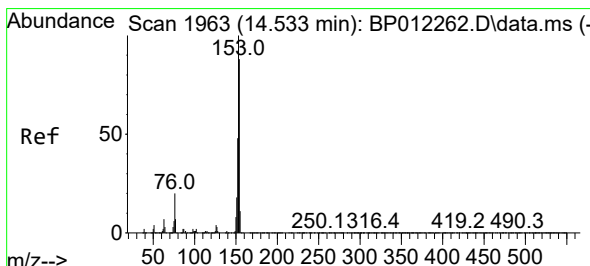
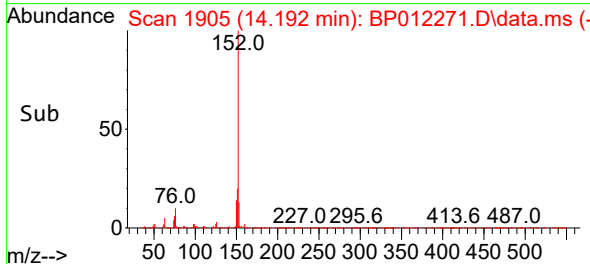
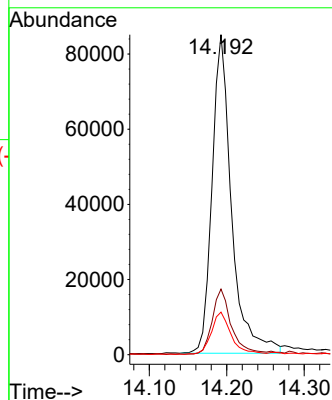
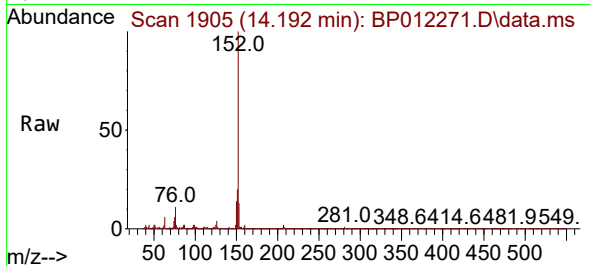




#50
Acenaphthylene
Concen: 2.029 ng/ul
RT: 14.192 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

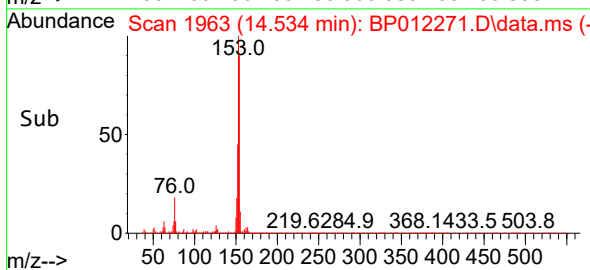
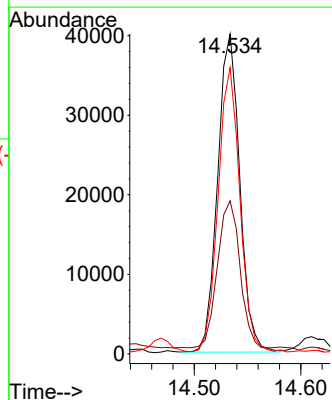
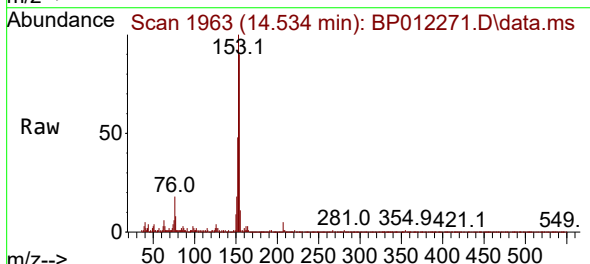
Instrument :
BNA_P
ClientSampleId :
DBWK3DL

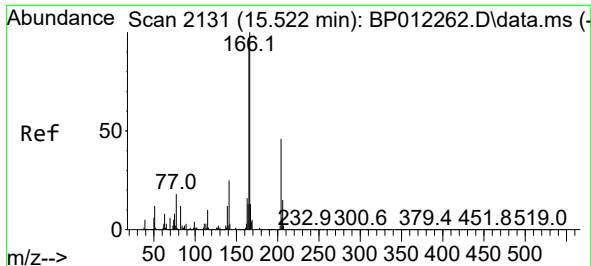
Tgt Ion:152 Resp: 147869
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.3 10.6 16.0



#52
Acenaphthene
Concen: 1.118 ng/ul
RT: 14.534 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

Tgt Ion:153 Resp: 57635
Ion Ratio Lower Upper
153 100
152 47.8 38.1 57.1
154 89.5 71.4 107.2

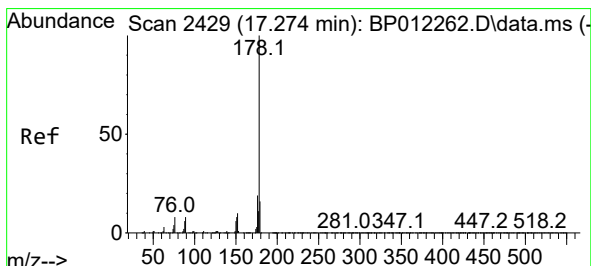
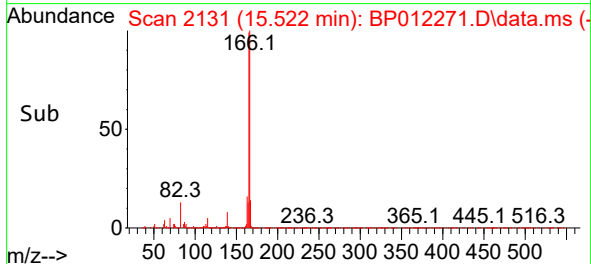
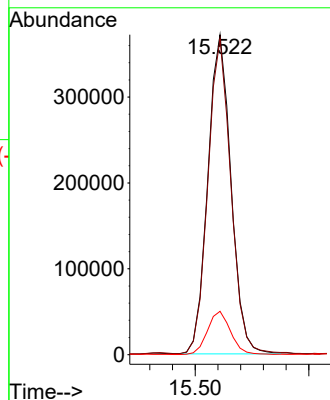
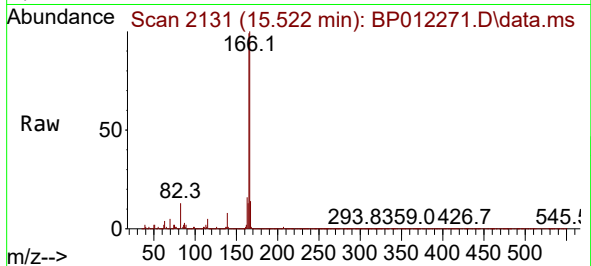




#61
Fluorene
Concen: 9.456 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

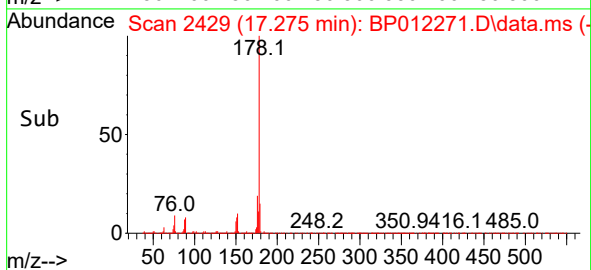
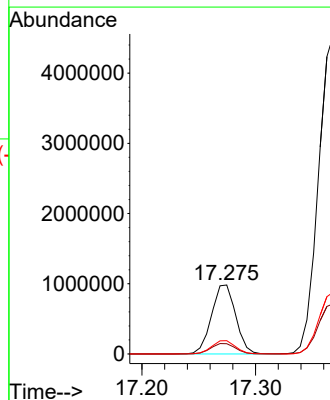
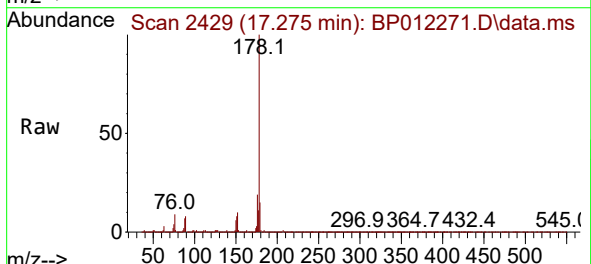
Instrument :
BNA_P
ClientSampleId :
DBWK3DL

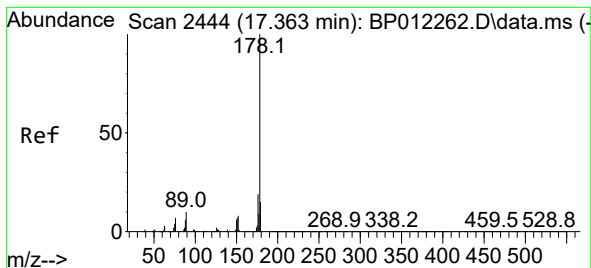
Tgt Ion:166 Resp: 528519
Ion Ratio Lower Upper
166 100
165 98.8 78.0 117.0
167 13.6 10.7 16.1



#72
Phenanthrene
Concen: 17.777 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

Tgt Ion:178 Resp: 1450283
Ion Ratio Lower Upper
178 100
179 14.9 12.6 18.8
176 19.2 15.6 23.4





#74

Anthracene

Concen: 84.111 ng/ul

RT: 17.369 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BP012271.D

Acq: 22 Oct 2022 06:22

Instrument :

BNA_P

ClientSampleId :

DBWK3DL

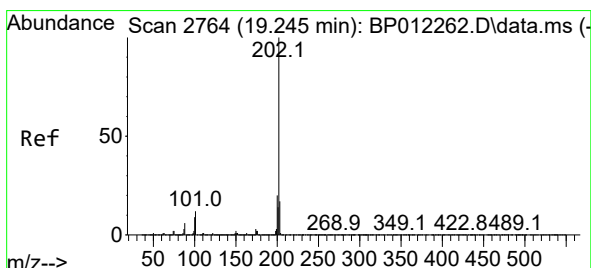
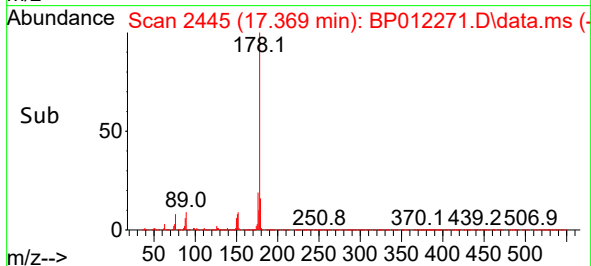
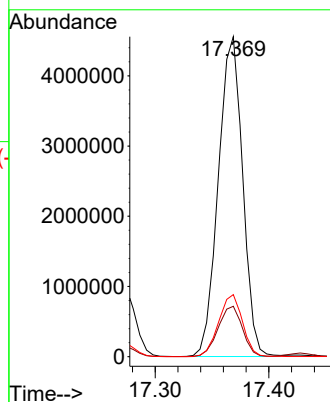
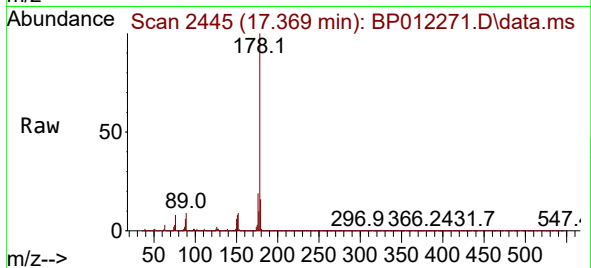
Tgt Ion:178 Resp: 6789186

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.4 15.0 22.4



#80

Fluoranthene

Concen: 12.518 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.000 min

Lab File: BP012271.D

Acq: 22 Oct 2022 06:22

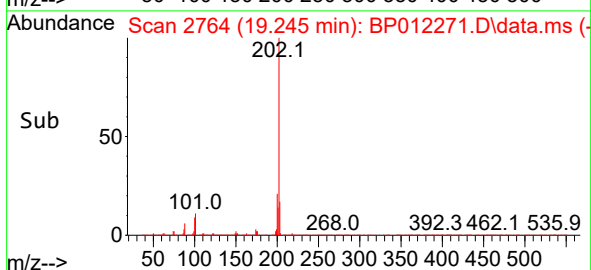
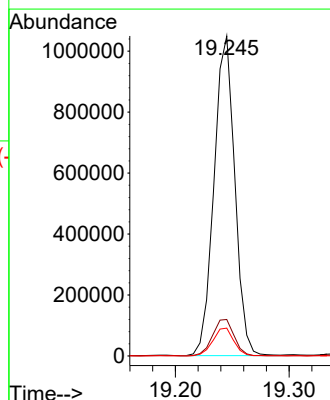
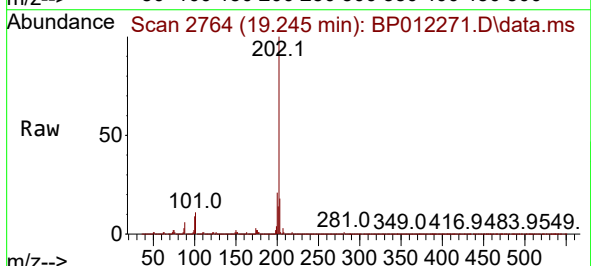
Tgt Ion:202 Resp: 1334765

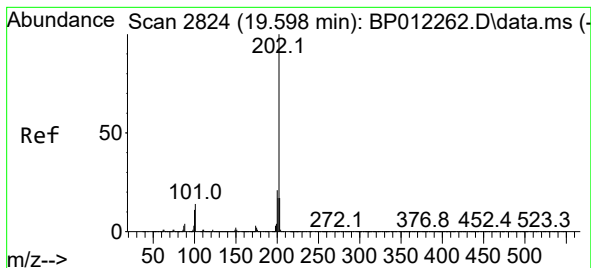
Ion Ratio Lower Upper

202 100

101 11.4 10.4 15.6

100 8.7 7.7 11.5





#82

Pyrene

Concen: 12.841 ng/ul

RT: 19.598 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012271.D

Acq: 22 Oct 2022 06:22

Instrument :

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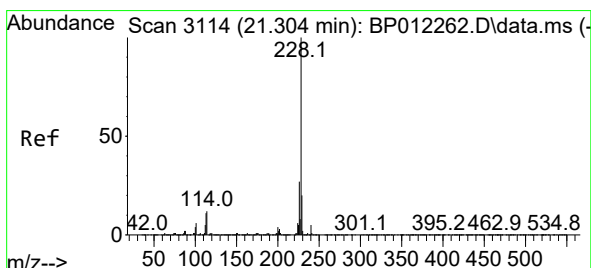
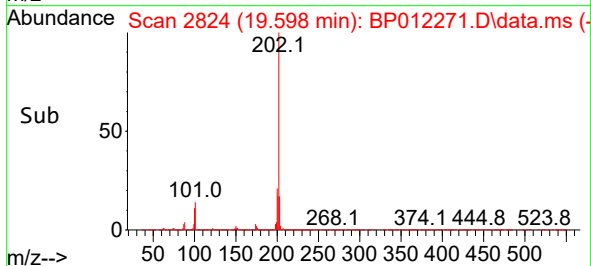
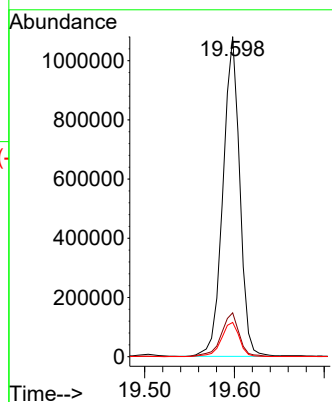
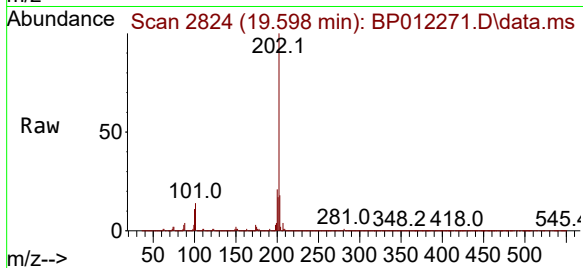
Tgt Ion:202 Resp: 1400812

Ion Ratio Lower Upper

202 100

101 13.7 12.3 18.5

100 10.7 10.0 15.0



#85

Benzo(a)anthracene

Concen: 4.927 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP012271.D

Acq: 22 Oct 2022 06:22

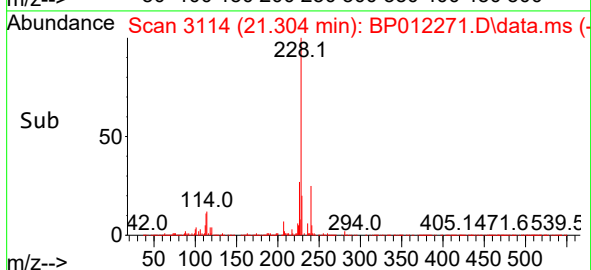
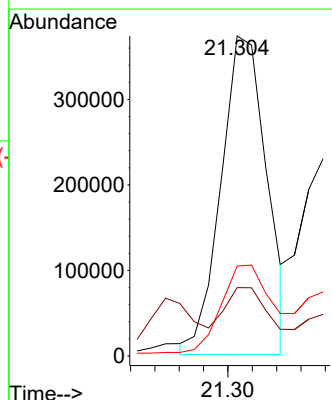
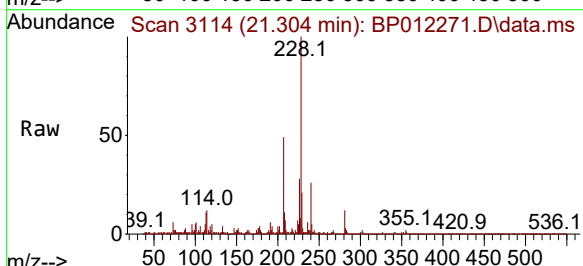
Tgt Ion:228 Resp: 486679

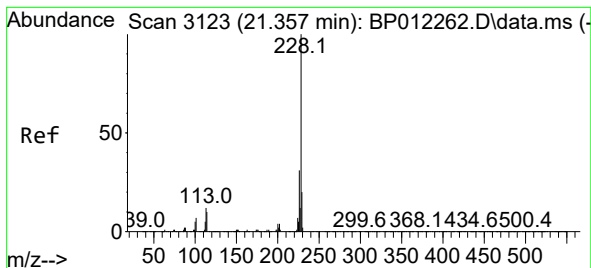
Ion Ratio Lower Upper

228 100

229 21.4 16.1 24.1

226 28.1 21.9 32.9





#87

Chrysene

Concen: 10.985 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

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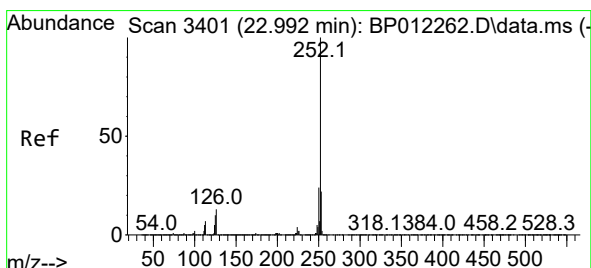
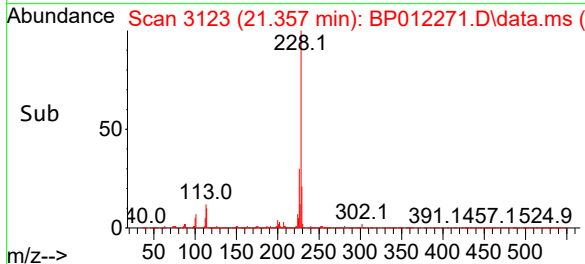
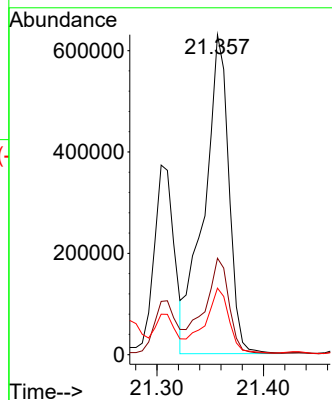
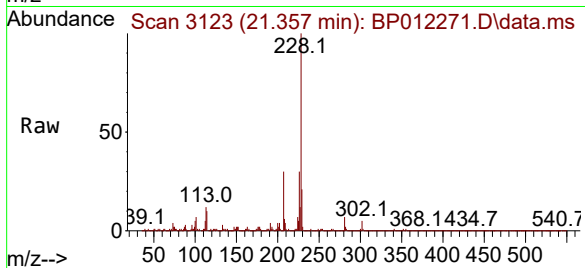
Tgt Ion:228 Resp: 1012510

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

229 20.8 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 14.500 ng/ul

RT: 22.992 min Scan# 3401

Delta R.T. -0.000 min

Lab File: BP012271.D

Acq: 22 Oct 2022 06:22

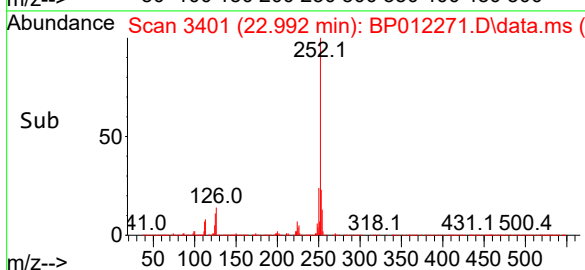
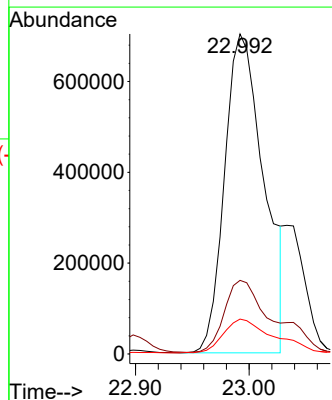
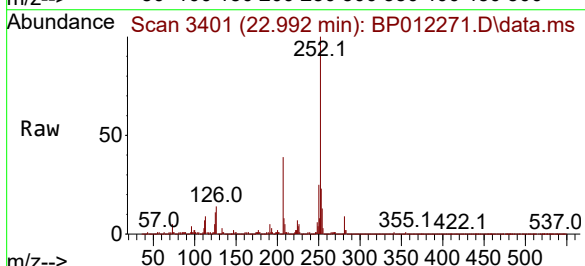
Tgt Ion:252 Resp: 1690402

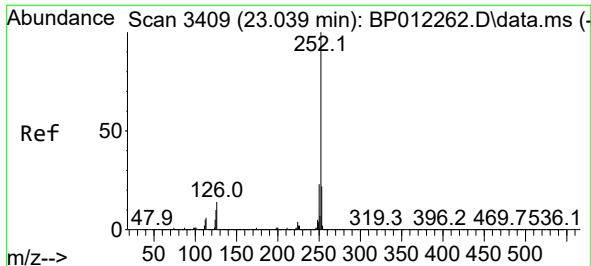
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.9 8.5 12.7

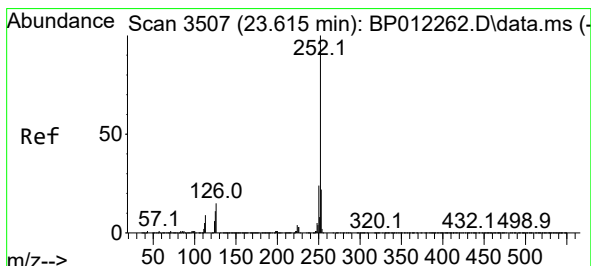
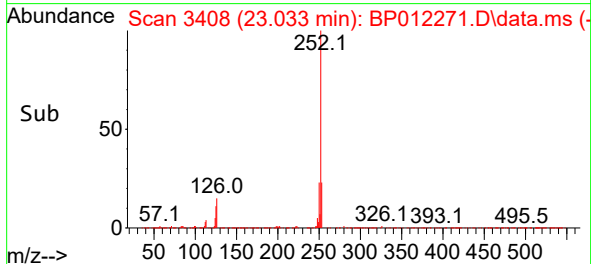
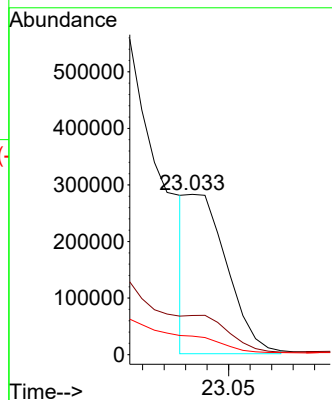
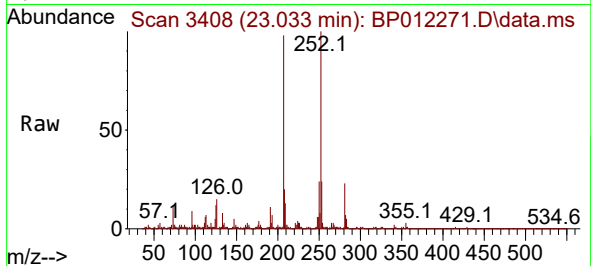




#91
Benzo(k)fluoranthene
Concen: 3.142 ng/ul m
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

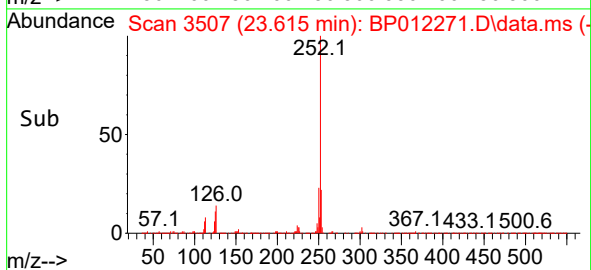
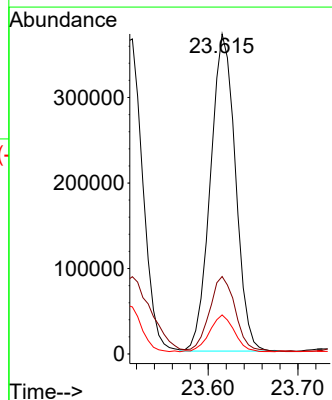
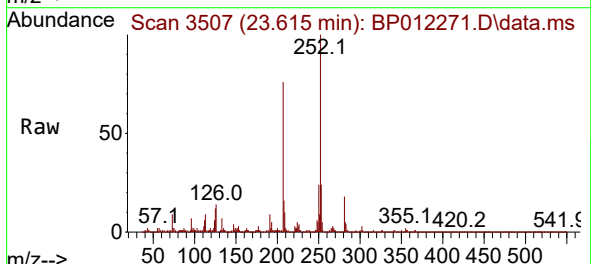
Instrument :
BNA_P
ClientSampleId :
DBWK3DL

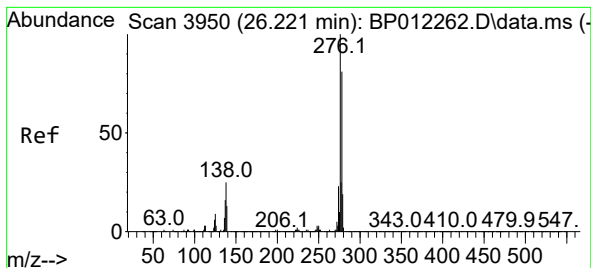
Tgt Ion:252 Resp: 361079
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 11.6 8.6 13.0



#93
Benzo(a)pyrene
Concen: 7.204 ng/ul
RT: 23.615 min Scan# 3507
Delta R.T. -0.000 min
Lab File: BP012271.D
Acq: 22 Oct 2022 06:22

Tgt Ion:252 Resp: 718141
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 12.2 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.291 ng/ul

RT: 26.215 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BP012271.D

Acq: 22 Oct 2022 06:22

Instrument :

BNA_P

ClientSampleId :

DBWK3DL

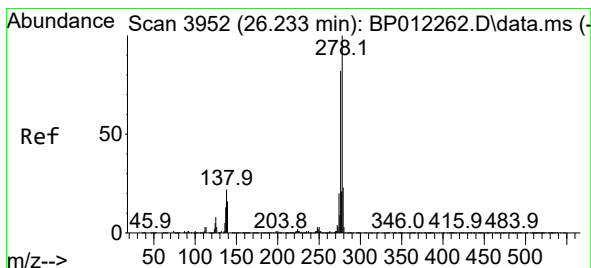
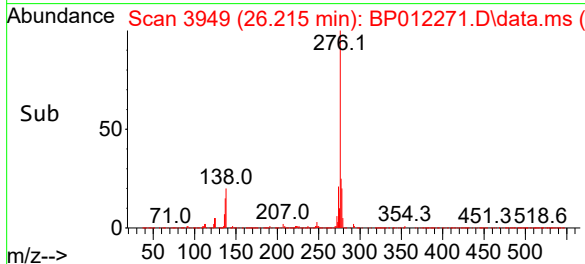
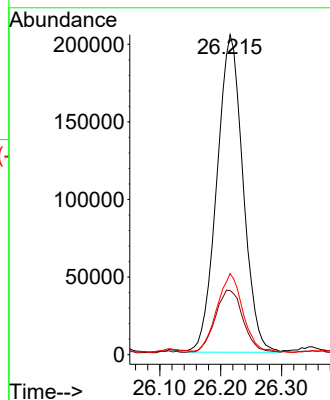
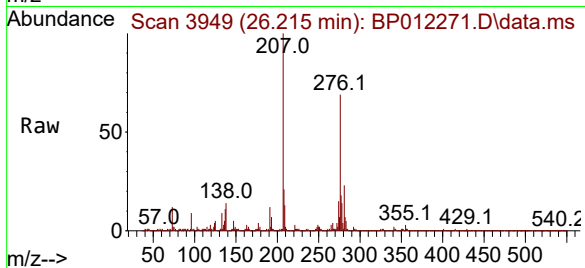
Tgt Ion:276 Resp: 610530

Ion Ratio Lower Upper

276 100

138 20.0 20.3 30.5#

277 25.3 20.2 30.4



#95

Dibenzo(a,h)anthracene

Concen: 1.429 ng/ul

RT: 26.221 min Scan# 3950

Delta R.T. -0.012 min

Lab File: BP012271.D

Acq: 22 Oct 2022 06:22

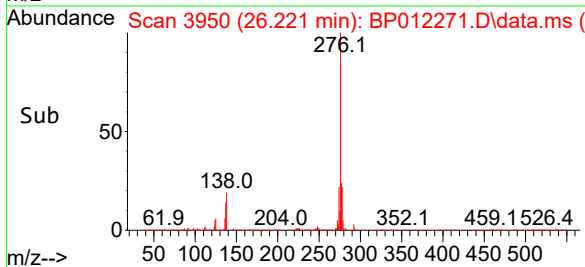
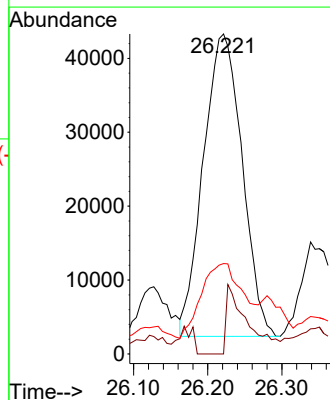
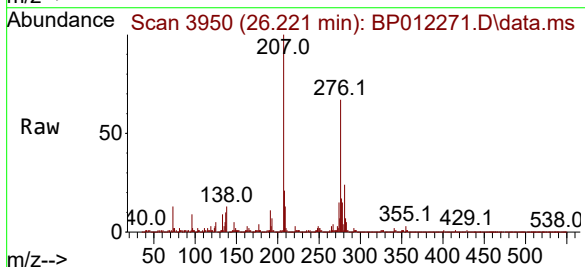
Tgt Ion:278 Resp: 148686

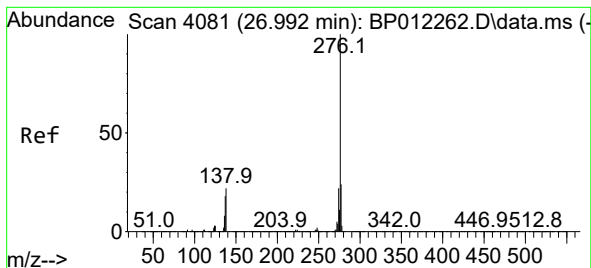
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 28.2 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 4.231 ng/ul

RT: 26.986 min Scan# 4080

Delta R.T. -0.006 min

Lab File: BP012271.D

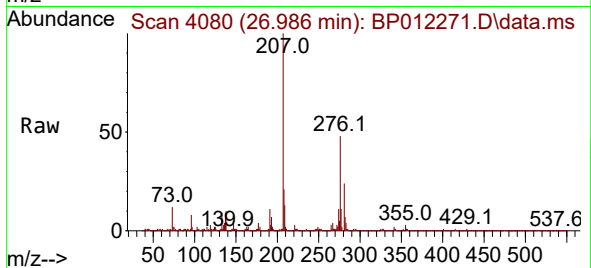
Acq: 22 Oct 2022 06:22

Instrument :

BNA_P

ClientSampleId :

DBWK3DL



Tgt Ion:276 Resp: 458488

Ion Ratio Lower Upper

276 100

138 20.7 17.9 26.9

277 23.3 18.9 28.3

