

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012273.D
 Acq On : 22 Oct 2022 07:30
 Operator : CG/JU
 Sample : N4755-07DL2 15X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK3DL2

Quant Time: Oct 22 10:26:20 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)

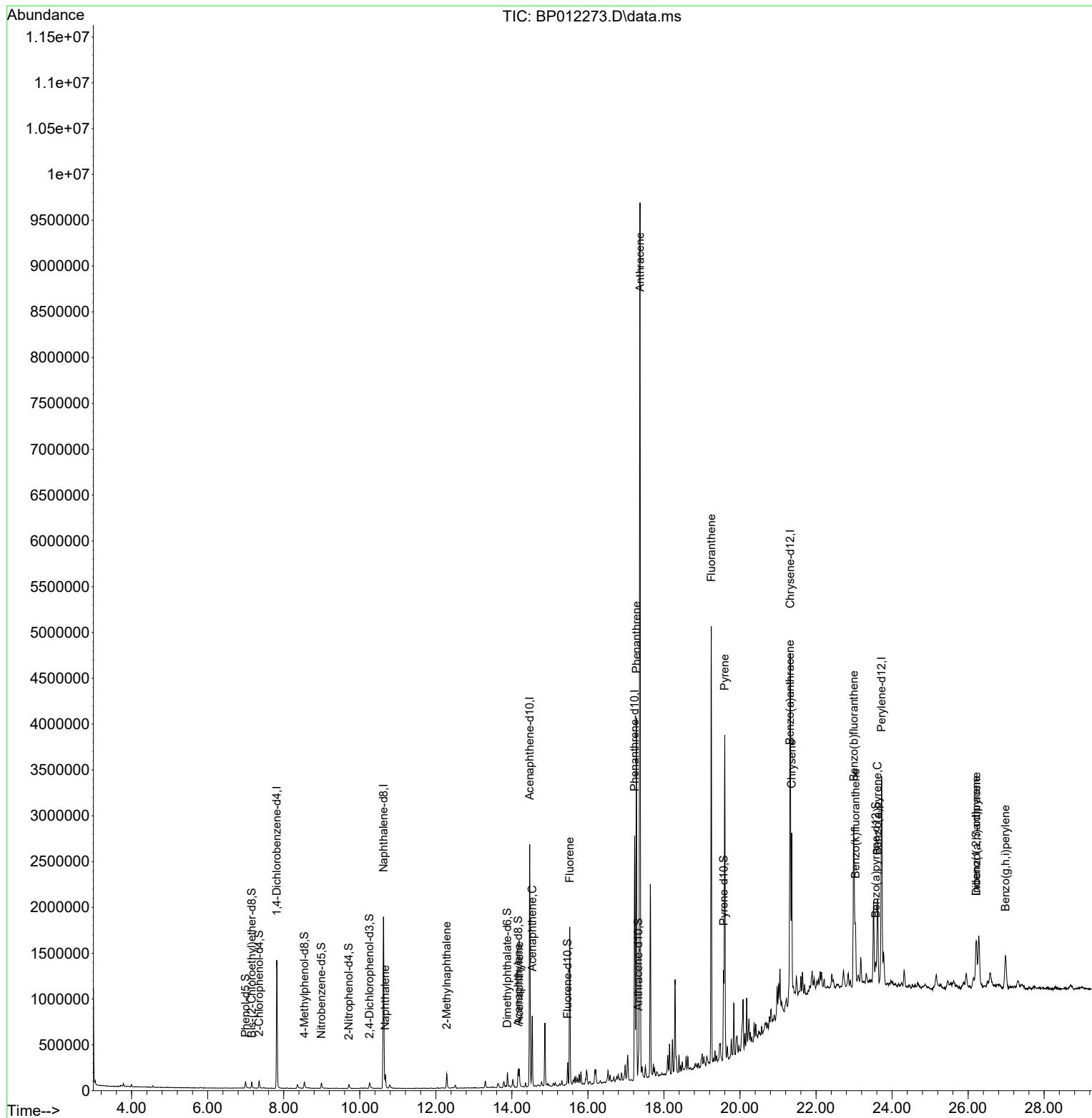
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	397307	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1605458	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	901398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1619152	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1563678	20.000	ng/ul	0.00
88) Perylene-d12	23.721	264	1768266	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	2890	0.294	ng/uL	0.00
4) Pyridine-d5	3.711	84	12506m	0.442	ng/ul	0.03
7) Phenol-d5	6.993	99	50666	1.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	29394	1.413	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	40800	1.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	34787	1.305	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	17723	1.491	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	17151	1.338	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	32476	1.350	ng/ul	0.01
31) 4-Chloroaniline-d4	10.781	131	23676	0.693	ng/ul	0.01
46) Dimethylphthalate-d6	13.881	166	115228	1.838	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	121478	1.697	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	5794m	0.493	ng/ul	0.03
60) Fluorene-d10	15.463	176	99716	1.849	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	4638	0.504	ng/ul	0.00
73) Anthracene-d10	17.328	188	139367	1.964	ng/ul	0.00
81) Pyrene-d10	19.569	212	155879	1.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	169384	1.910	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.669	128	118593	1.381	ng/ul	98
36) 2-Methylnaphthalene	12.287	142	82944	1.420	ng/ul	96
50) Acenaphthylene	14.193	152	161028	2.019	ng/ul	99
52) Acenaphthene	14.534	153	308365	5.468	ng/ul	99
61) Fluorene	15.522	166	774622	12.664	ng/ul	98
72) Phenanthrene	17.275	178	2465026	28.326	ng/ul	100
74) Anthracene	17.369	178	6178677	71.760	ng/ul	99
80) Fluoranthene	19.245	202	2759934	25.088	ng/ul	97
82) Pyrene	19.598	202	2133624	18.957	ng/ul	96
85) Benzo(a)anthracene	21.310	228	703410	6.902	ng/ul	97
87) Chrysene	21.357	228	1109069	11.662	ng/ul	99
90) Benzo(b)fluoranthene	22.992	252	1487116	12.619	ng/ul	99
91) Benzo(k)fluoranthene	23.033	252	441899m	3.804	ng/ul	
93) Benzo(a)pyrene	23.616	252	682491	6.773	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.210	276	573388	4.915	ng/ul	96
95) Dibenzo(a,h)anthracene	26.215	278	146143	1.390	ng/ul#	80
96) Benzo(g,h,i)perylene	26.980	276	473094	4.319	ng/ul	99

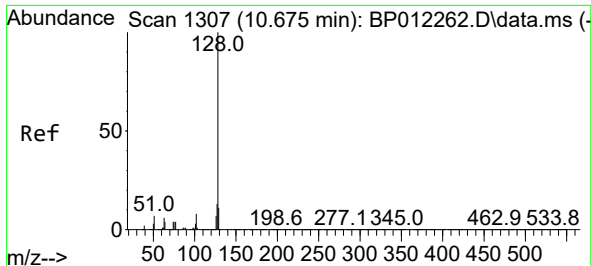
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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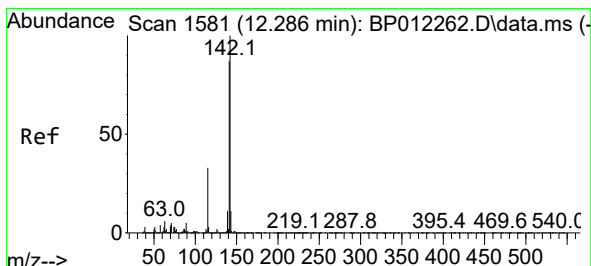
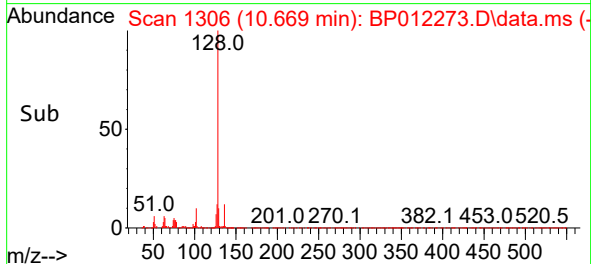
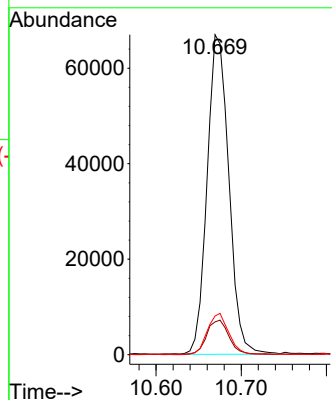
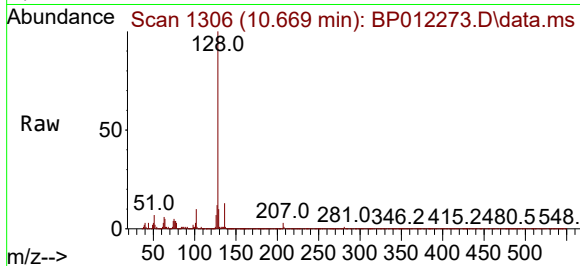




#30
Naphthalene
Concen: 1.381 ng/ul
RT: 10.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

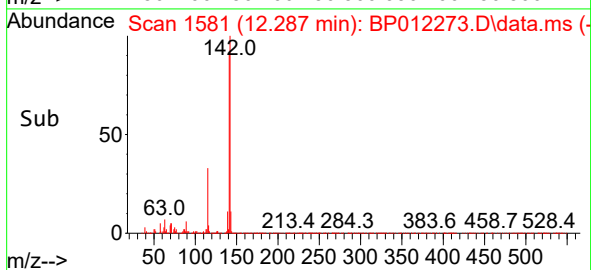
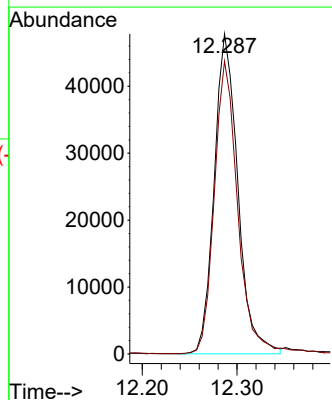
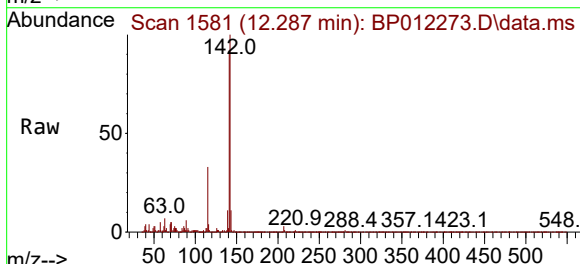
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BNA_P
ClientSampleId :
DBWK3DL2

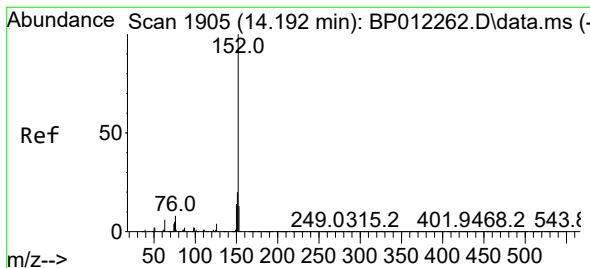
Tgt Ion:128 Resp: 118593
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.1 10.2 15.4



#36
2-Methylnaphthalene
Concen: 1.420 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

Tgt Ion:142 Resp: 82944
Ion Ratio Lower Upper
142 100
141 91.5 70.3 105.5





#50

Acenaphthylene

Concen: 2.019 ng/ul

RT: 14.193 min Scan# 1905

Delta R.T. -0.000 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

Instrument :

BNA_P

ClientSampleId :

DBWK3DL2

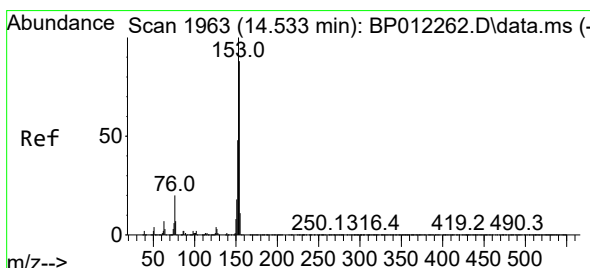
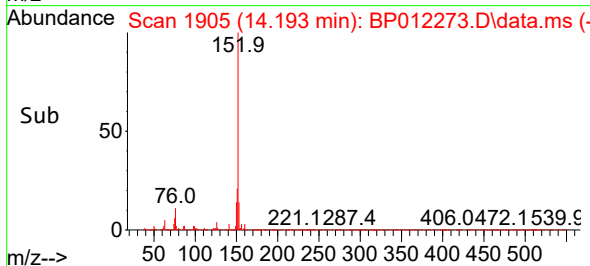
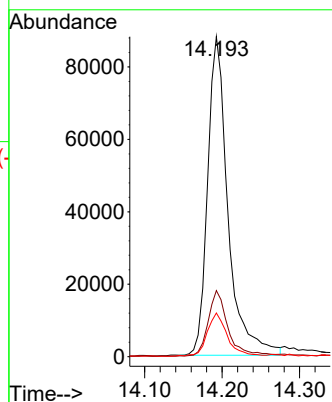
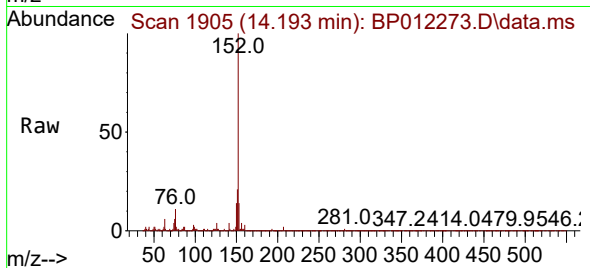
Tgt Ion:152 Resp: 161028

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

153 13.7 10.6 16.0



#52

Acenaphthene

Concen: 5.468 ng/ul

RT: 14.534 min Scan# 1963

Delta R.T. -0.000 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

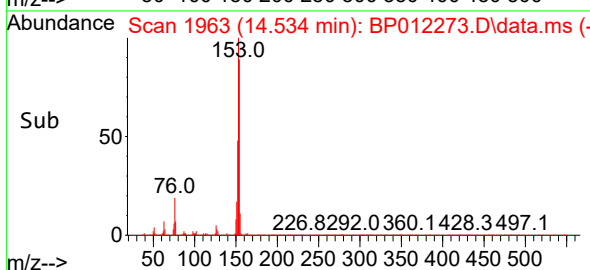
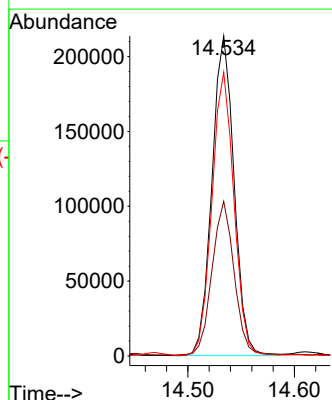
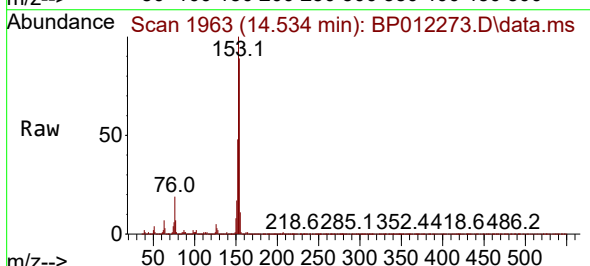
Tgt Ion:153 Resp: 308365

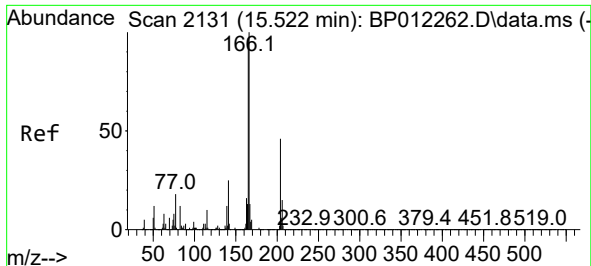
Ion Ratio Lower Upper

153 100

152 48.3 38.1 57.1

154 88.7 71.4 107.2

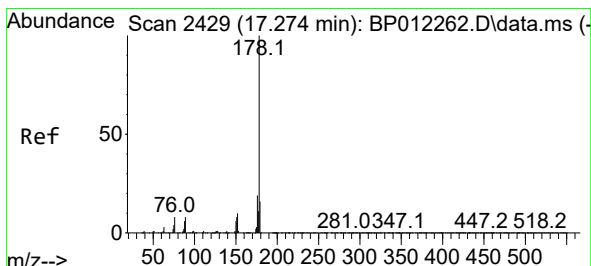
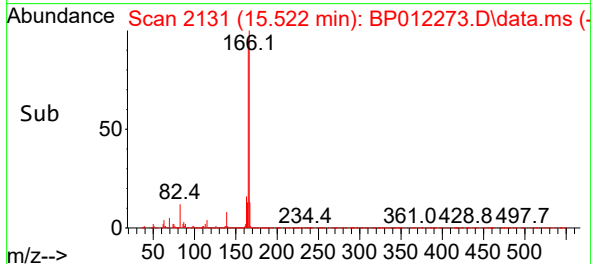
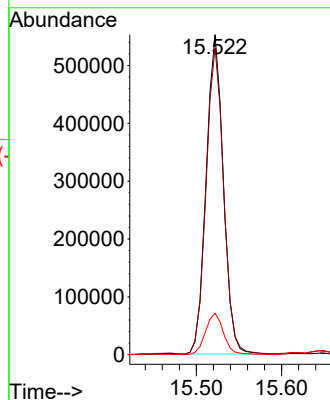
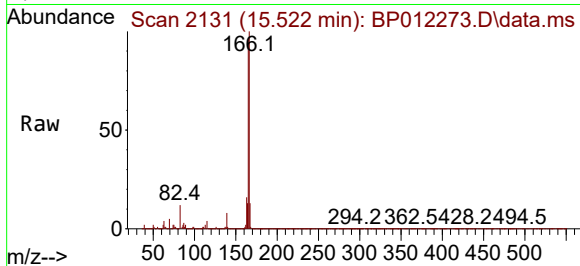




#61
Fluorene
Concen: 12.664 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

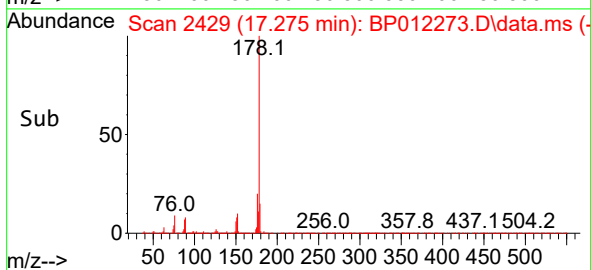
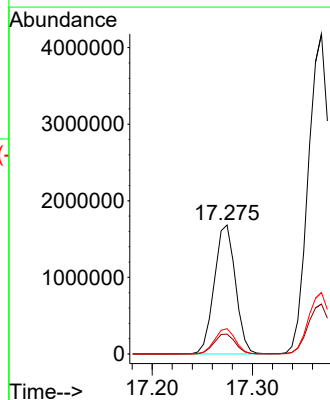
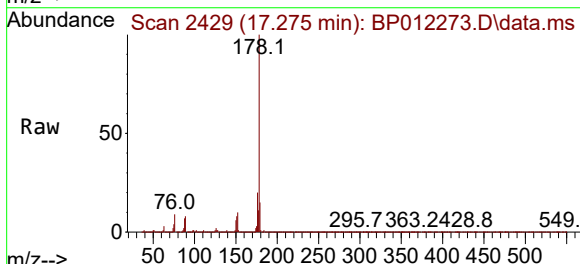
Instrument :
BNA_P
ClientSampleId :
DBWK3DL2

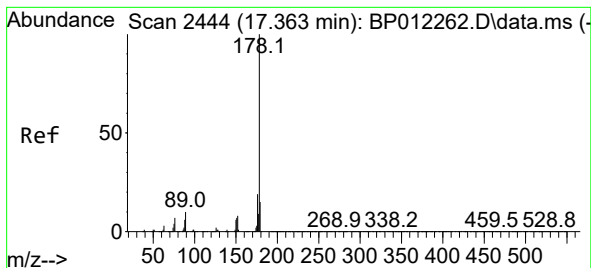
Tgt Ion:166 Resp: 774622
Ion Ratio Lower Upper
166 100
165 95.9 78.0 117.0
167 12.9 10.7 16.1



#72
Phenanthrene
Concen: 28.326 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

Tgt Ion:178 Resp: 2465026
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.6 15.6 23.4





#74

Anthracene

Concen: 71.760 ng/ul

RT: 17.369 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

Instrument :

BNA_P

ClientSampleId :

DBWK3DL2

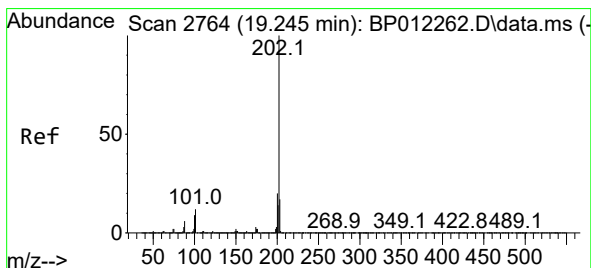
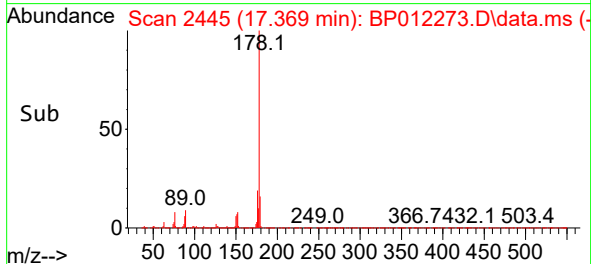
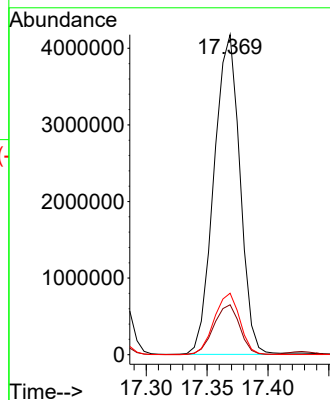
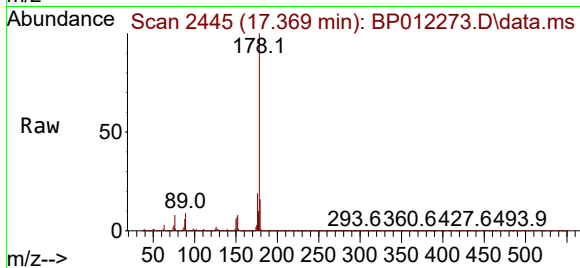
Tgt Ion:178 Resp: 6178677

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.2 15.0 22.4



#80

Fluoranthene

Concen: 25.088 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.000 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

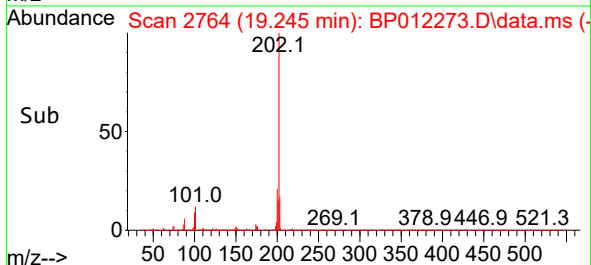
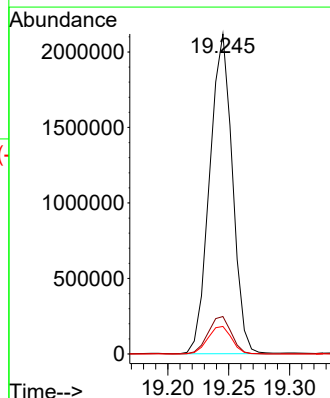
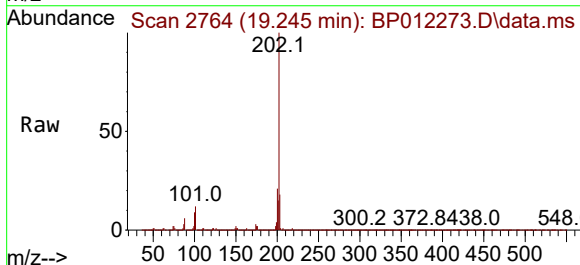
Tgt Ion:202 Resp: 2759934

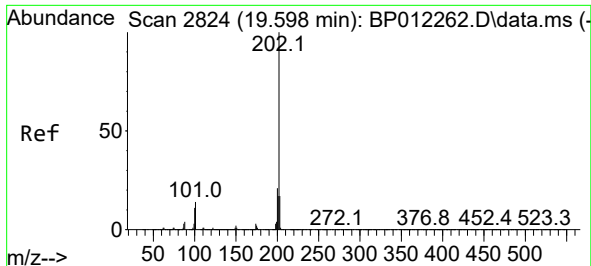
Ion Ratio Lower Upper

202 100

101 11.7 10.4 15.6

100 8.6 7.7 11.5

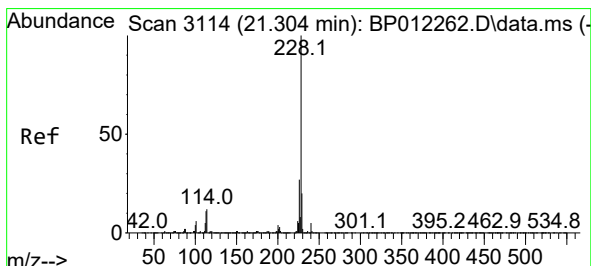
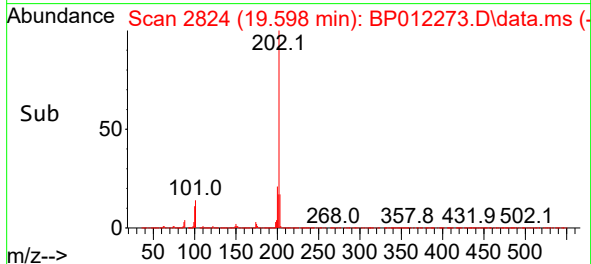
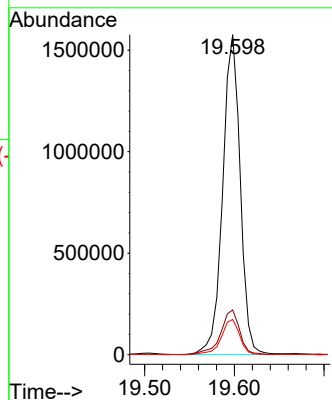
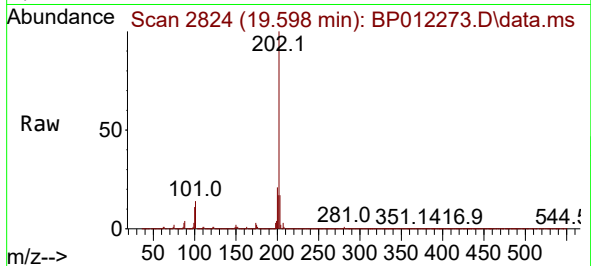




#82
Pyrene
Concen: 18.957 ng/ul
RT: 19.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

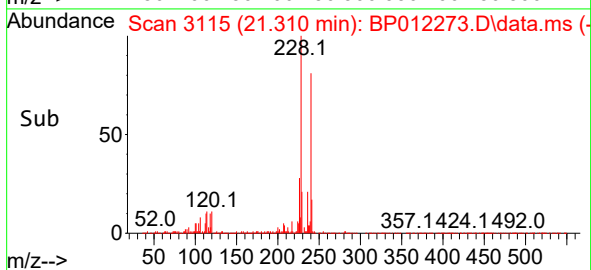
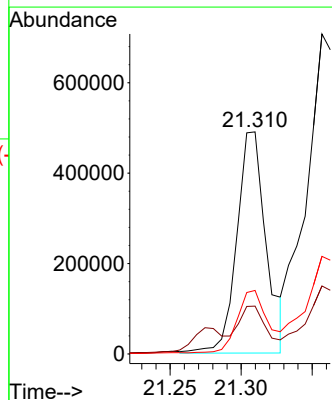
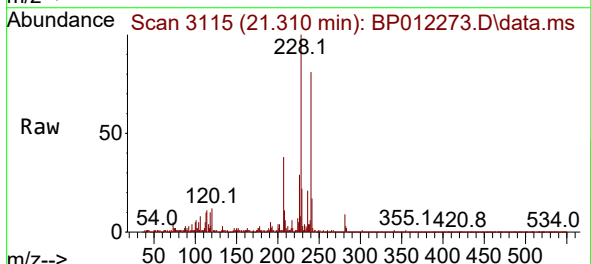
Instrument :
BNA_P
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DBWK3DL2

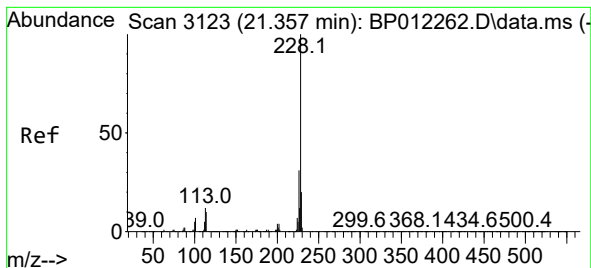
Tgt Ion:202 Resp: 2133624
Ion Ratio Lower Upper
202 100
101 14.0 12.3 18.5
100 11.0 10.0 15.0



#85
Benzo(a)anthracene
Concen: 6.902 ng/ul
RT: 21.310 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

Tgt Ion:228 Resp: 703410
Ion Ratio Lower Upper
228 100
229 21.6 16.1 24.1
226 28.6 21.9 32.9





#87

Chrysene

Concen: 11.662 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

Instrument :

BNA_P

ClientSampleId :

DBWK3DL2

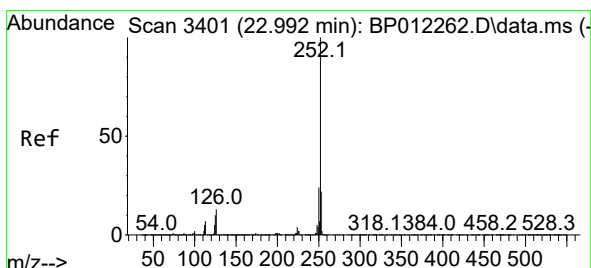
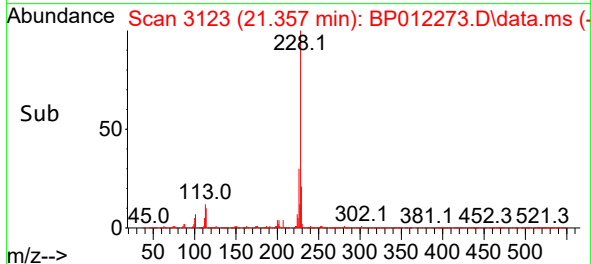
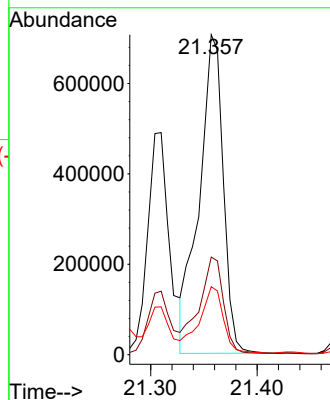
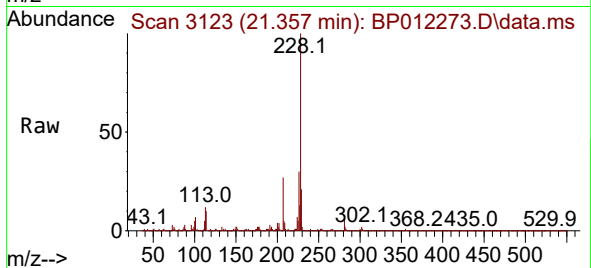
Tgt Ion:228 Resp: 1109069

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 21.2 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 12.619 ng/ul

RT: 22.992 min Scan# 3401

Delta R.T. -0.000 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

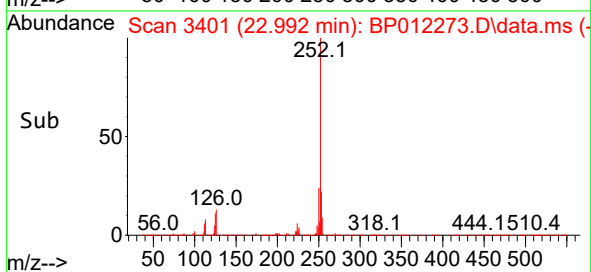
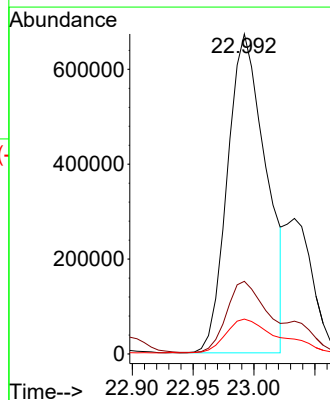
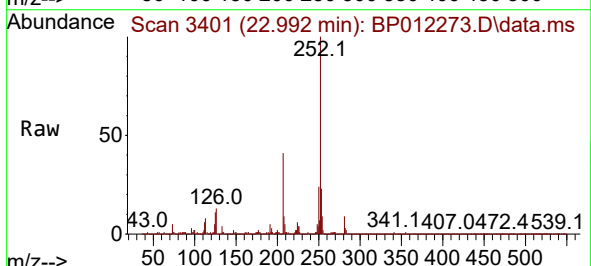
Tgt Ion:252 Resp: 1487116

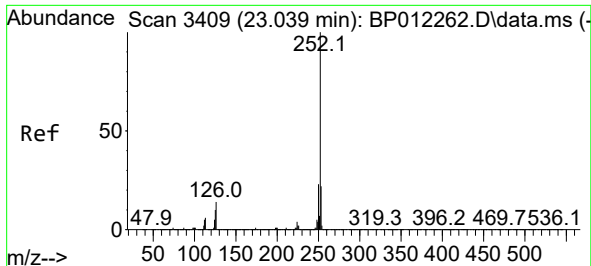
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 10.9 8.5 12.7

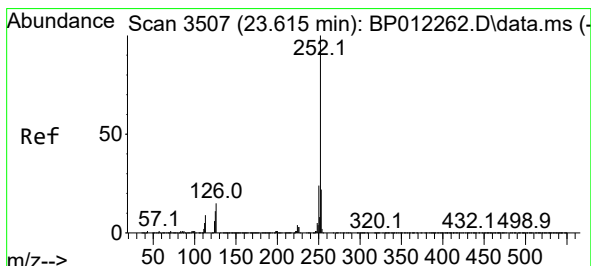
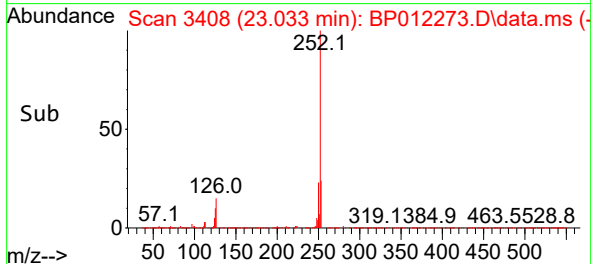
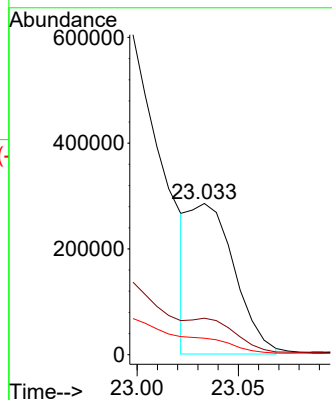
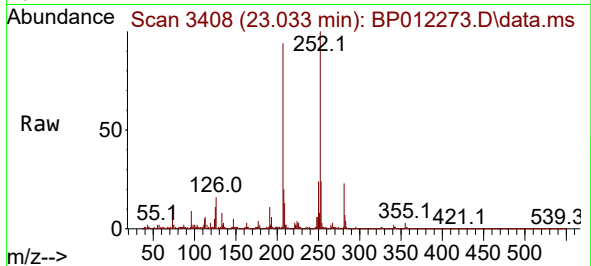




#91
Benzo(k)fluoranthene
Concen: 3.804 ng/ul m
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

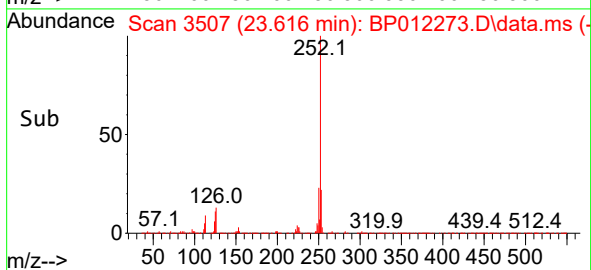
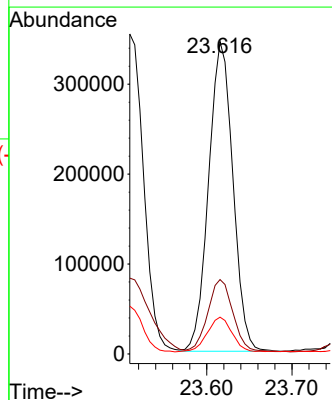
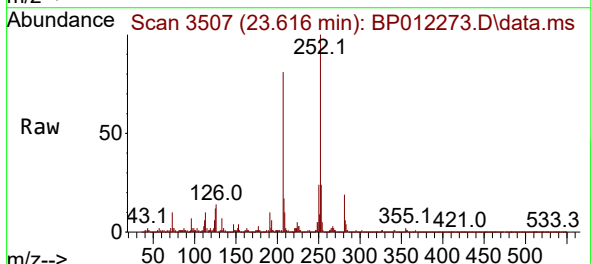
Instrument :
BNA_P
ClientSampleId :
DBWK3DL2

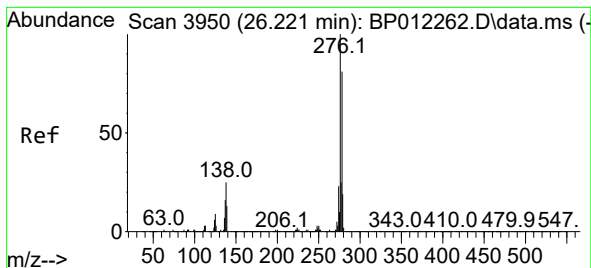
Tgt Ion:252 Resp: 441899
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 11.0 8.6 13.0



#93
Benzo(a)pyrene
Concen: 6.773 ng/ul
RT: 23.616 min Scan# 3507
Delta R.T. -0.000 min
Lab File: BP012273.D
Acq: 22 Oct 2022 07:30

Tgt Ion:252 Resp: 682491
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 11.8 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.915 ng/ul

RT: 26.210 min Scan# 3948

Delta R.T. -0.012 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

Instrument :

BNA_P

ClientSampleId :

DBWK3DL2

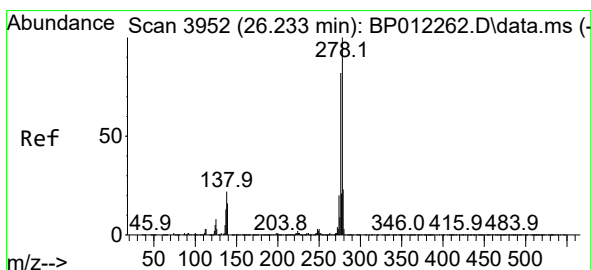
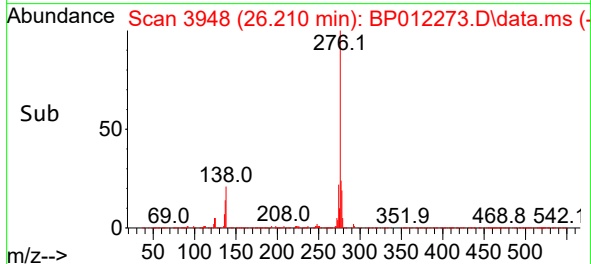
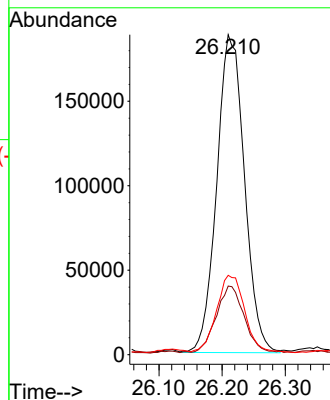
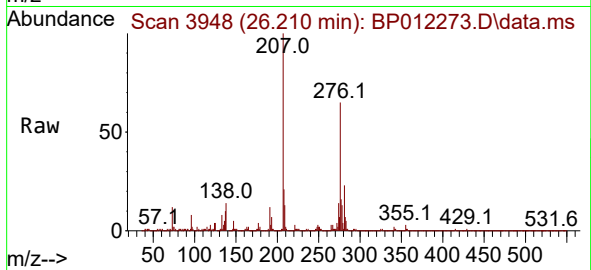
Tgt Ion:276 Resp: 573388

Ion Ratio Lower Upper

276 100

138 21.5 20.3 30.5

277 24.8 20.2 30.4



#95

Dibenzo(a,h)anthracene

Concen: 1.390 ng/ul

RT: 26.215 min Scan# 3949

Delta R.T. -0.018 min

Lab File: BP012273.D

Acq: 22 Oct 2022 07:30

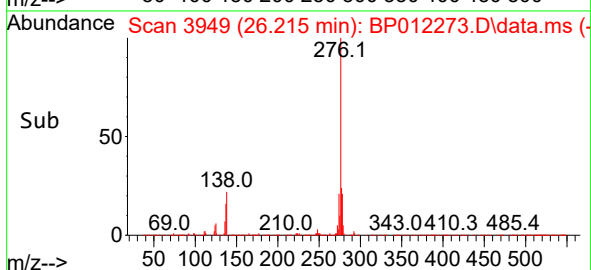
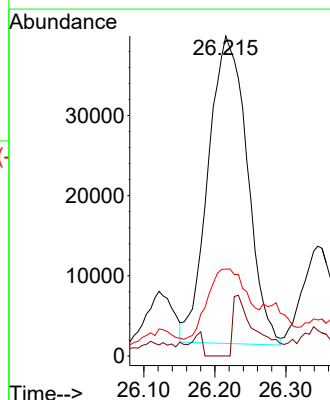
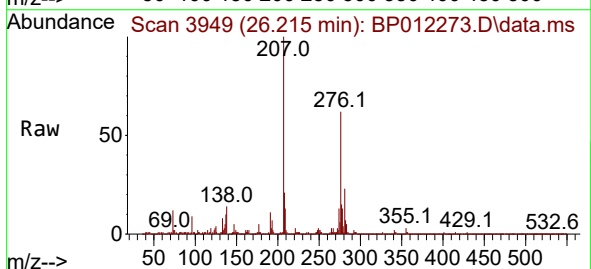
Tgt Ion:278 Resp: 146143

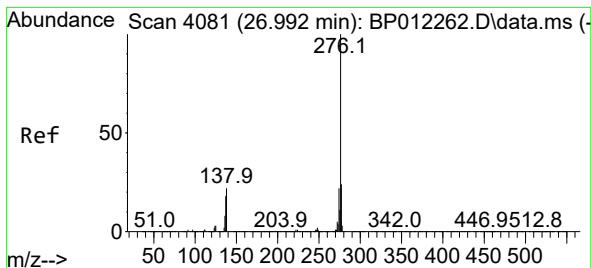
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 27.2 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 4.319 ng/ul

RT: 26.980 min Scan# 40

Delta R.T. -0.012 min

Lab File: BP012273.D

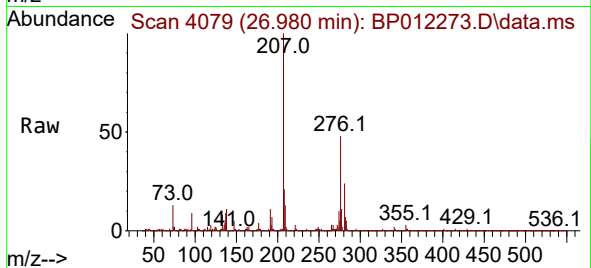
Acq: 22 Oct 2022 07:30

Instrument :

BNA_P

ClientSampleId :

DBWK3DL2



Tgt Ion:276 Resp: 473094

Ion Ratio Lower Upper

276 100

138 21.9 17.9 26.9

277 22.9 18.9 28.3

