

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012272.D
 Acq On : 22 Oct 2022 06:56
 Operator : CG/JU
 Sample : N4755-08DL 10X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK4DL

Quant Time: Oct 22 10:19:45 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

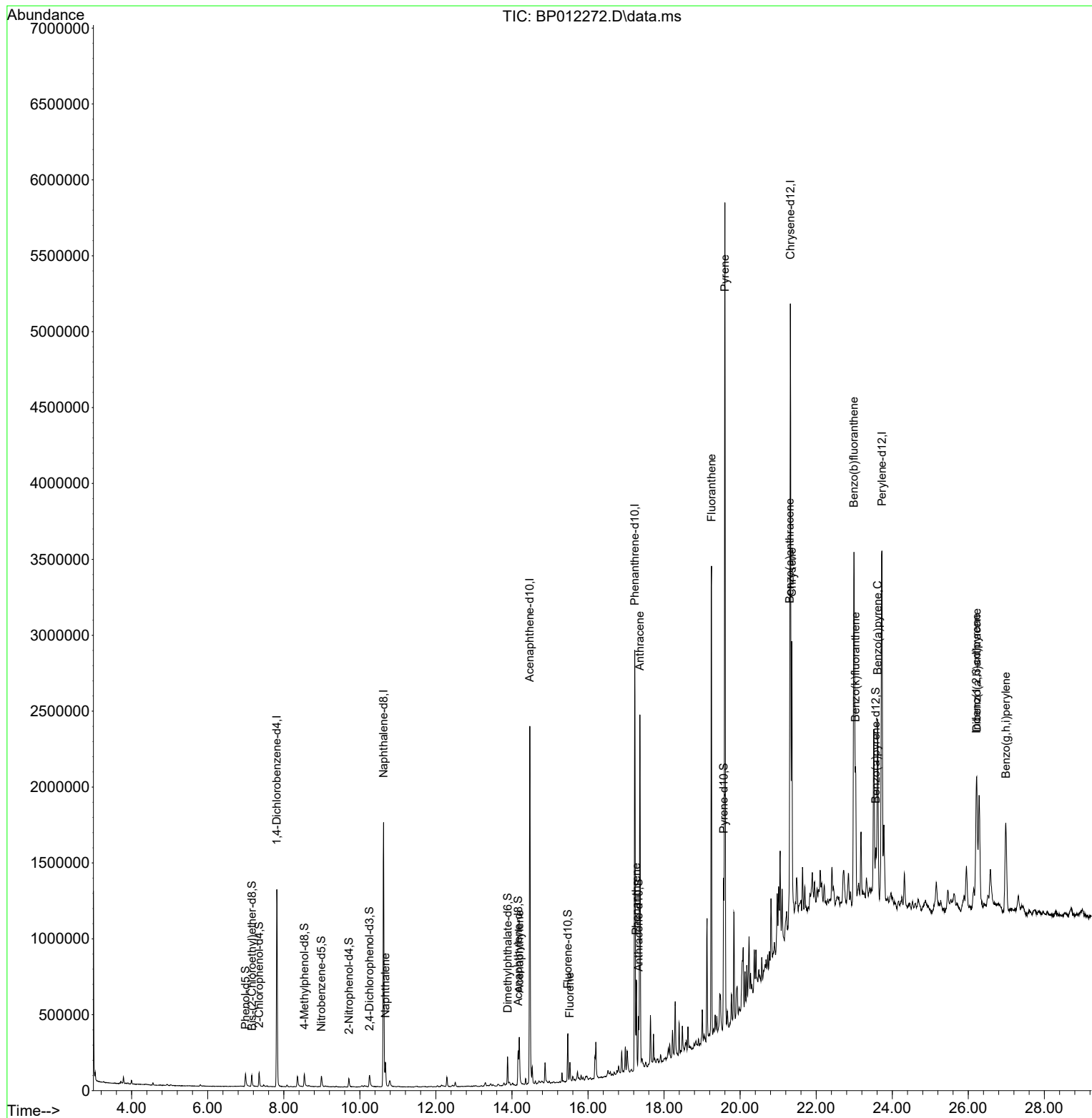
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	370899	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1466723	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	834336	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1660141	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1681423	20.000	ng/ul	0.00
88) Perylene-d12	23.727	264	1887289	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	3040	0.332	ng/uL	0.00
4) Pyridine-d5	3.717	84	10322m	0.391	ng/ul	0.04
7) Phenol-d5	6.993	99	59991	1.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	34453	1.774	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	49161	2.017	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	41121	1.652	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	19648	1.810	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	21196	1.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	41809	1.903	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	27580	0.883	ng/ul	0.01
46) Dimethylphthalate-d6	13.887	166	139943	2.411	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	152135	2.296	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	9786m	0.900	ng/ul	0.04
60) Fluorene-d10	15.469	176	127161	2.547	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	7247	0.767	ng/ul	0.00
73) Anthracene-d10	17.328	188	194316	2.670	ng/ul	0.00
81) Pyrene-d10	19.569	212	226407	2.365	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	240373	2.540	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.675	128	118999	1.517	ng/ul	97
50) Acenaphthylene	14.193	152	259219	3.512	ng/ul	100
61) Fluorene	15.522	166	57598	1.017	ng/ul	99
72) Phenanthrene	17.269	178	352489	3.951	ng/ul	99
74) Anthracene	17.363	178	1513724	17.146	ng/ul	100
80) Fluoranthene	19.245	202	1808518	15.288	ng/ul	96
82) Pyrene	19.598	202	3244438	26.807	ng/ul	96
85) Benzo(a)anthracene	21.304	228	849155	7.749	ng/ul	98
87) Chrysene	21.357	228	1185137	11.589	ng/ul	99
90) Benzo(b)fluoranthene	22.992	252	2087749	16.599	ng/ul	99
91) Benzo(k)fluoranthene	23.033	252	470188m	3.792	ng/ul	
93) Benzo(a)pyrene	23.616	252	824281	7.664	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.215	276	955437	7.674	ng/ul	94
95) Dibenzo(a,h)anthracene	26.221	278	225070	2.005	ng/ul#	80
96) Benzo(g,h,i)perylene	26.986	276	773035	6.612	ng/ul	98

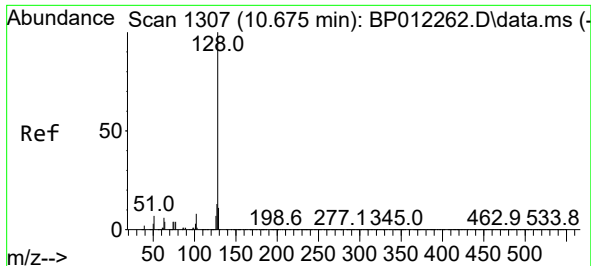
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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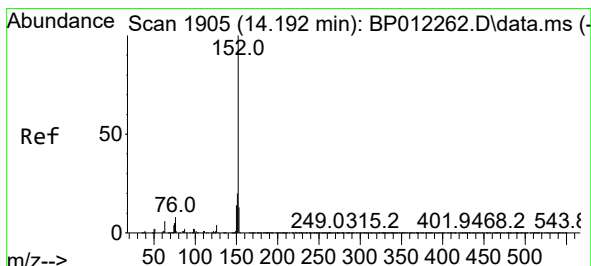
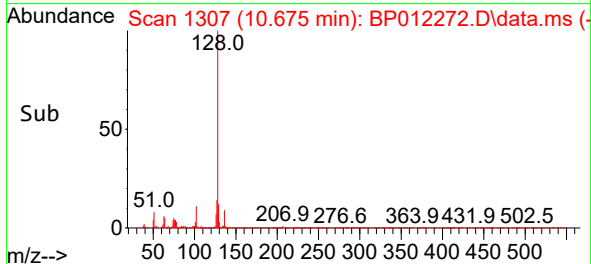
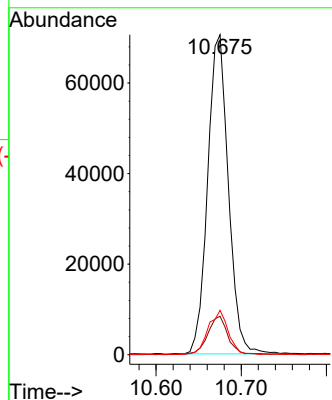
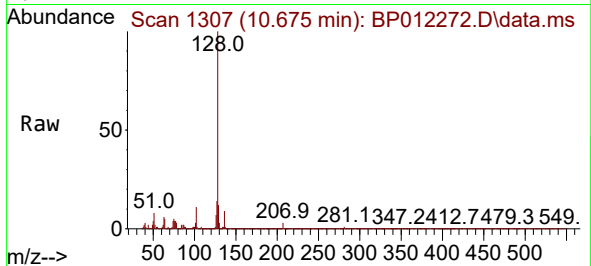




#30
Naphthalene
Concen: 1.517 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP012272.D
Acq: 22 Oct 2022 06:56

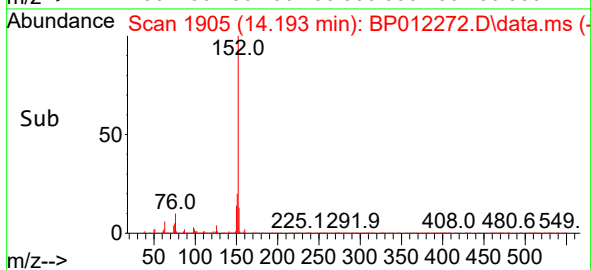
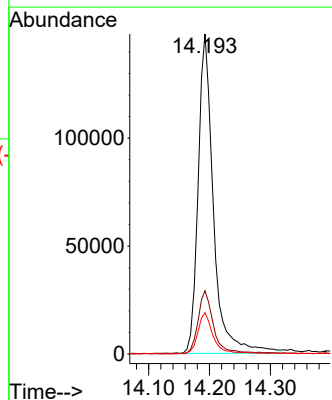
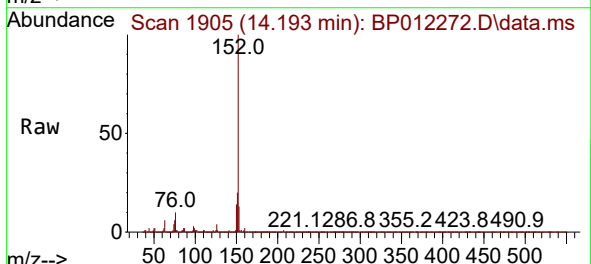
Instrument :
BNA_P
ClientSampleId :
DBWK4DL

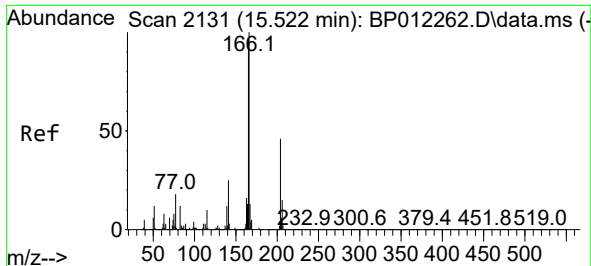
Tgt Ion:128 Resp: 118999
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.8 10.2 15.4



#50
Acenaphthylene
Concen: 3.512 ng/ul
RT: 14.193 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP012272.D
Acq: 22 Oct 2022 06:56

Tgt Ion:152 Resp: 259219
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.6 16.0

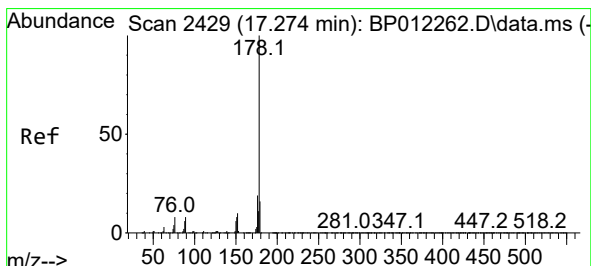
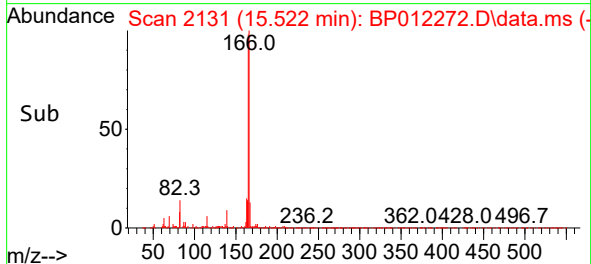
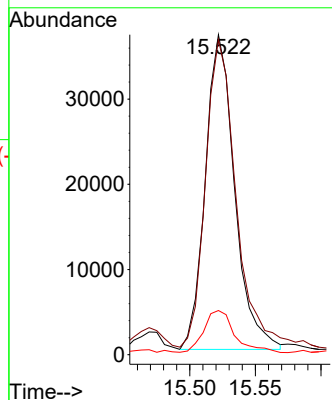
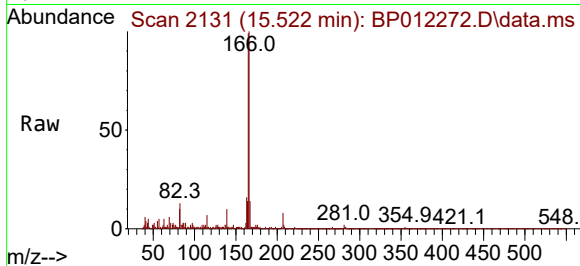




#61
Fluorene
Concen: 1.017 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP012272.D
Acq: 22 Oct 2022 06:56

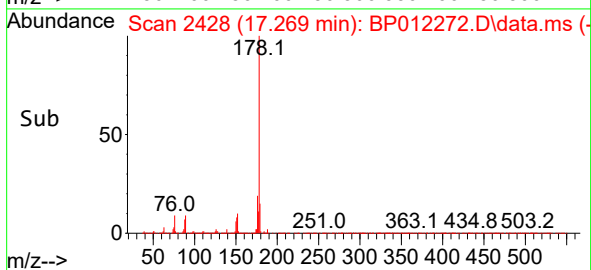
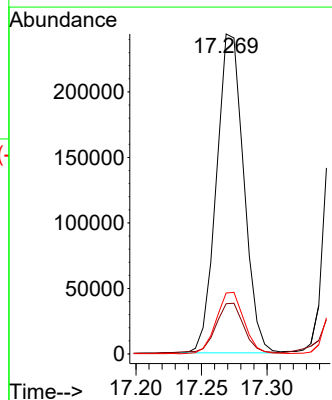
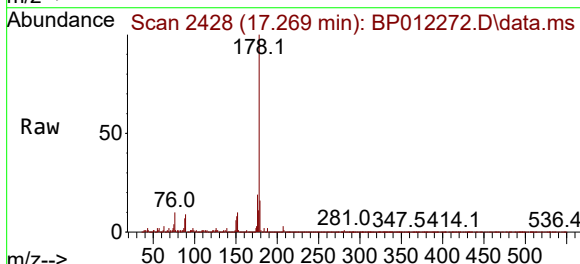
Instrument :
BNA_P
ClientSampleId :
DBWK4DL

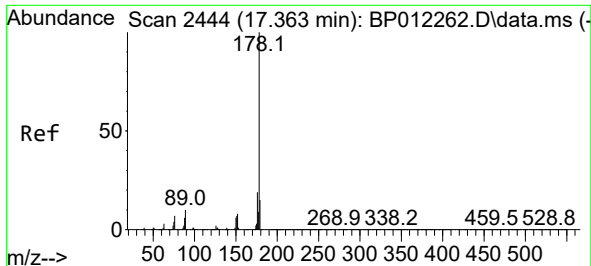
Tgt Ion:166 Resp: 57598
Ion Ratio Lower Upper
166 100
165 98.5 78.0 117.0
167 13.8 10.7 16.1



#72
Phenanthrene
Concen: 3.951 ng/ul
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP012272.D
Acq: 22 Oct 2022 06:56

Tgt Ion:178 Resp: 352489
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 15.6 23.4

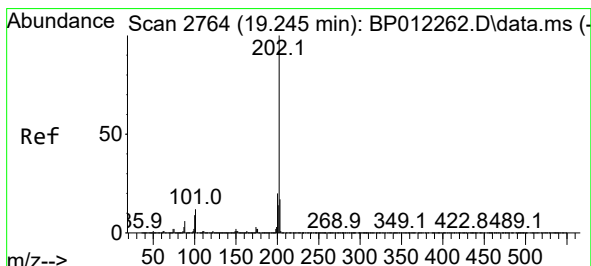
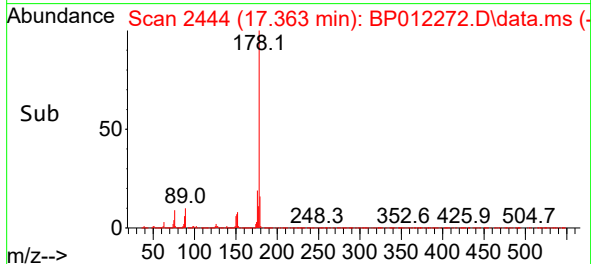
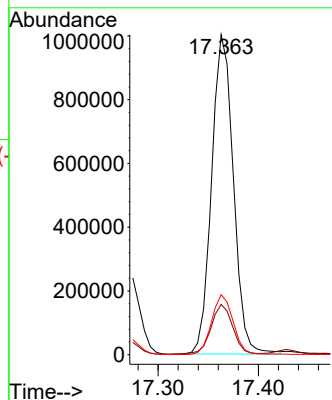
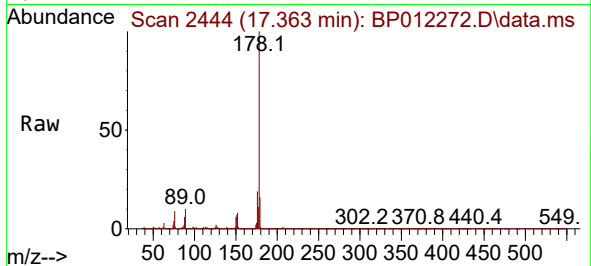




#74
 Anthracene
 Concen: 17.146 ng/ul
 RT: 17.363 min Scan# 2444
 Delta R.T. -0.000 min
 Lab File: BP012272.D
 Acq: 22 Oct 2022 06:56

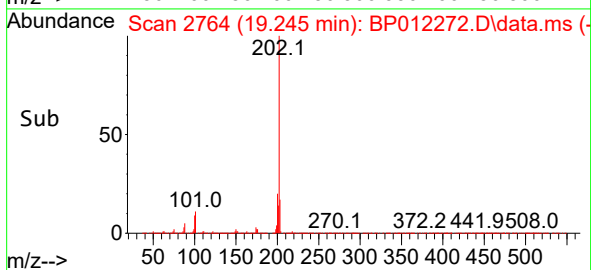
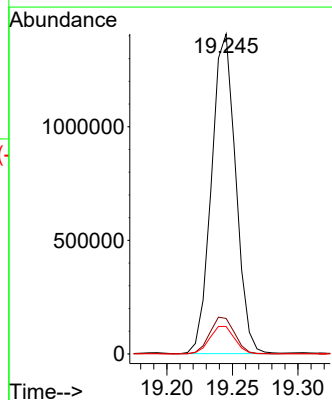
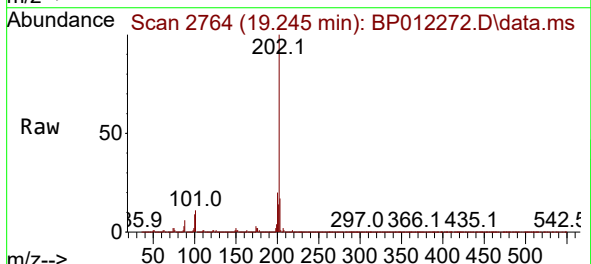
Instrument :
 BNA_P
 ClientSampleId :
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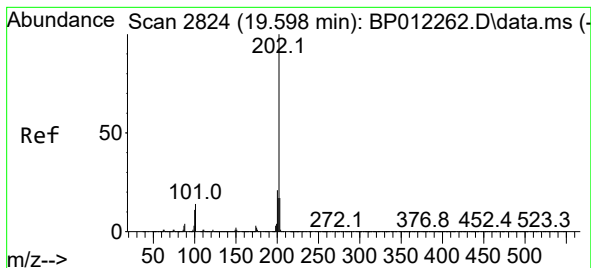
Tgt Ion:178 Resp: 1513724
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 18.7 15.0 22.4



#80
 Fluoranthene
 Concen: 15.288 ng/ul
 RT: 19.245 min Scan# 2764
 Delta R.T. -0.000 min
 Lab File: BP012272.D
 Acq: 22 Oct 2022 06:56

Tgt Ion:202 Resp: 1808518
 Ion Ratio Lower Upper
 202 100
 101 11.1 10.4 15.6
 100 8.6 7.7 11.5





#82

Pyrene

Concen: 26.807 ng/ul

RT: 19.598 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

Instrument :

BNA_P

ClientSampleId :

DBWK4DL

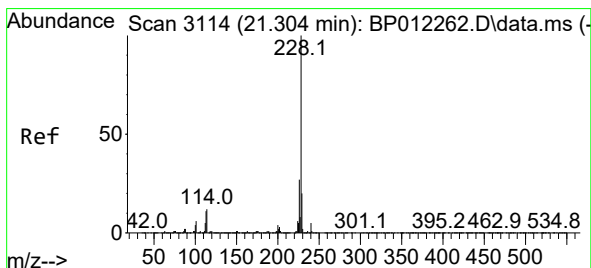
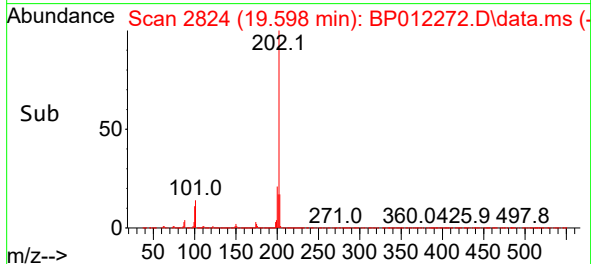
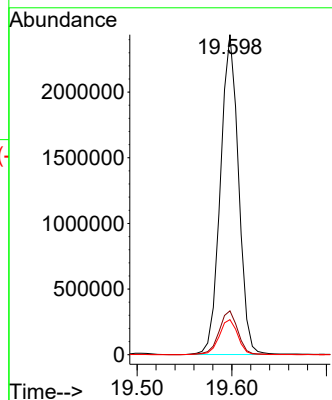
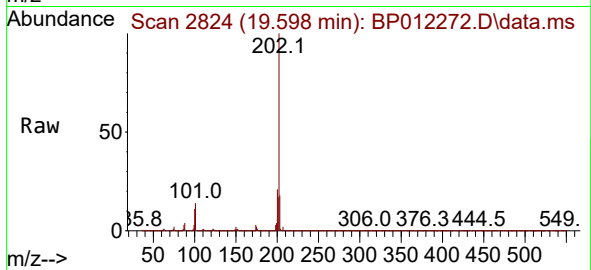
Tgt Ion:202 Resp: 3244438

Ion Ratio Lower Upper

202 100

101 13.7 12.3 18.5

100 10.9 10.0 15.0



#85

Benzo(a)anthracene

Concen: 7.749 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

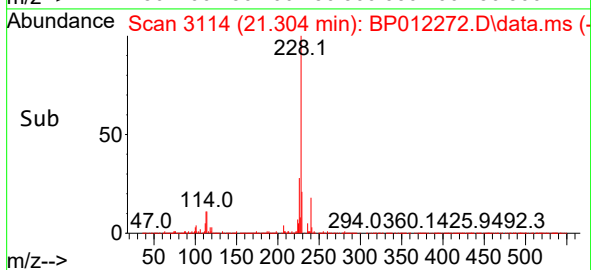
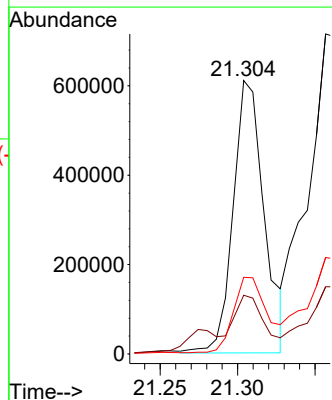
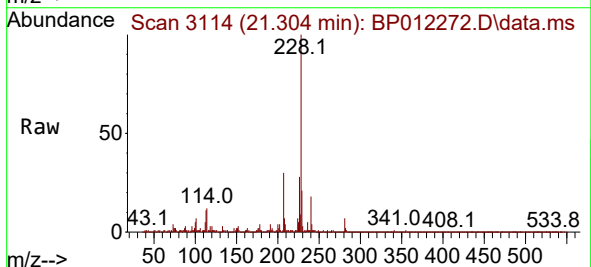
Tgt Ion:228 Resp: 849155

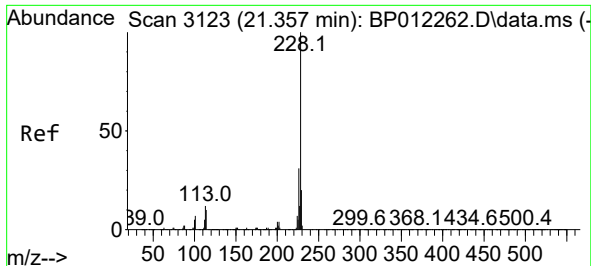
Ion Ratio Lower Upper

228 100

229 21.5 16.1 24.1

226 28.0 21.9 32.9





#87

Chrysene

Concen: 11.589 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

Instrument :

BNA_P

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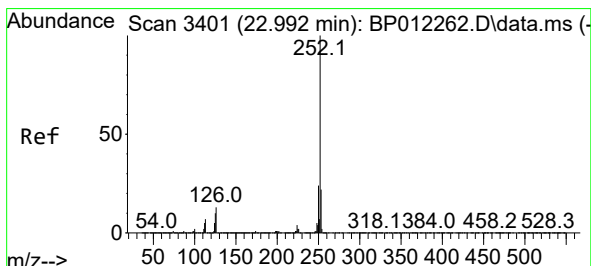
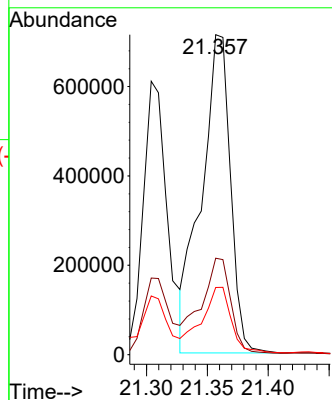
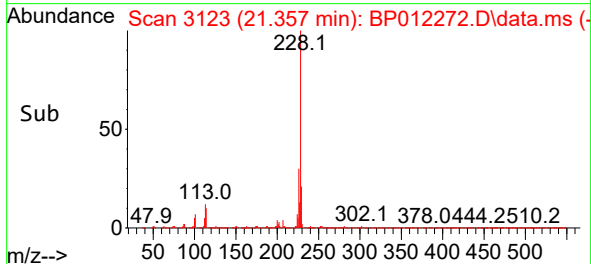
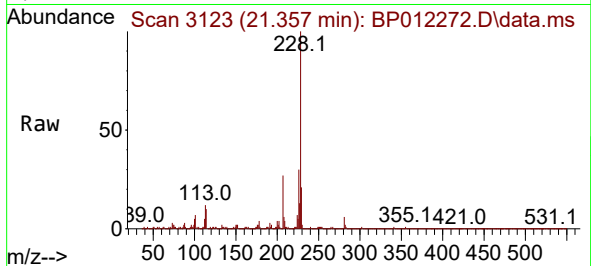
Tgt Ion:228 Resp: 1185137

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 21.0 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 16.599 ng/ul

RT: 22.992 min Scan# 3401

Delta R.T. -0.000 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

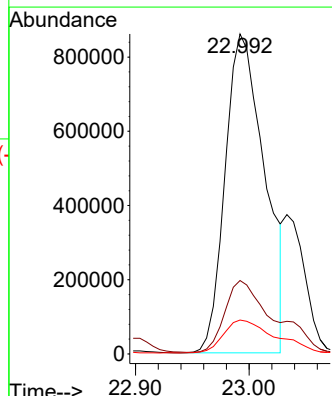
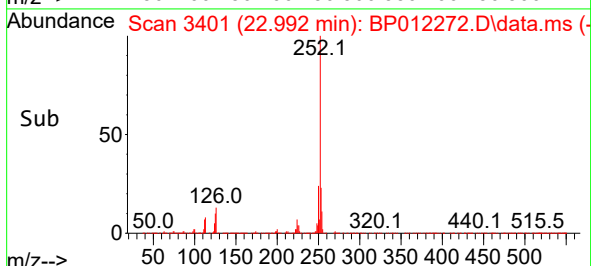
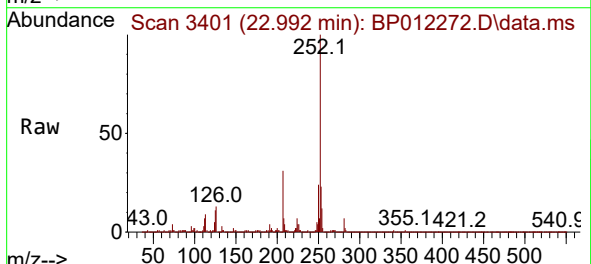
Tgt Ion:252 Resp: 2087749

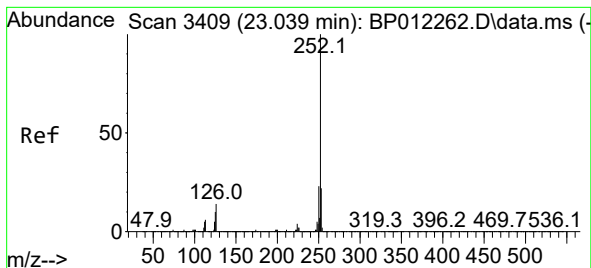
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 10.6 8.5 12.7





#91

Benzo(k)fluoranthene

Concen: 3.792 ng/ul m

RT: 23.033 min Scan# 3409

Delta R.T. -0.006 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

Instrument :

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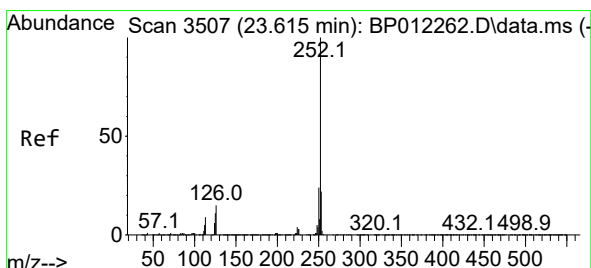
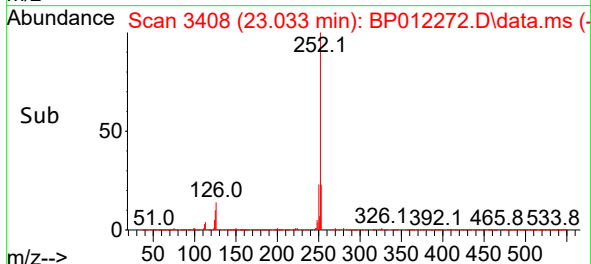
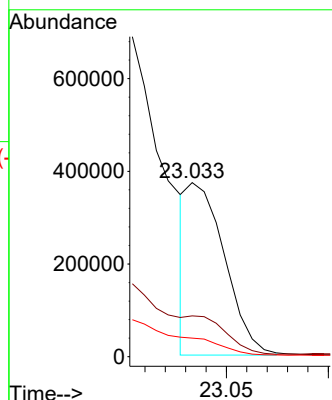
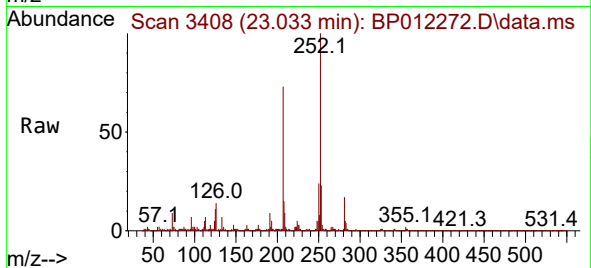
Tgt Ion:252 Resp: 470188

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

125 10.7 8.6 13.0



#93

Benzo(a)pyrene

Concen: 7.664 ng/ul

RT: 23.616 min Scan# 3507

Delta R.T. -0.000 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

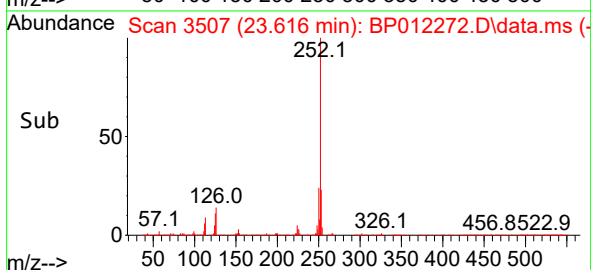
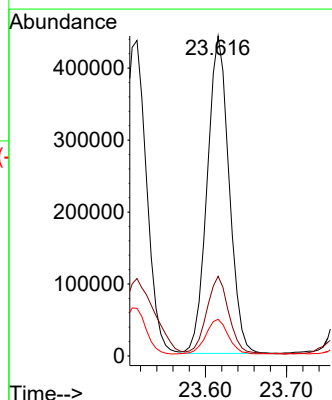
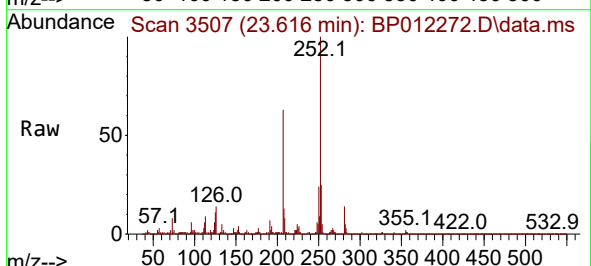
Tgt Ion:252 Resp: 824281

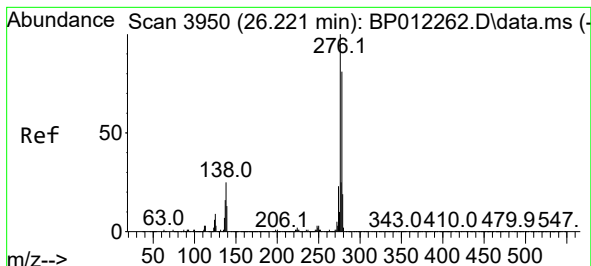
Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

125 11.5 9.7 14.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.674 ng/ul

RT: 26.215 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

Instrument :

BNA_P

ClientSampleId :

DBWK4DL

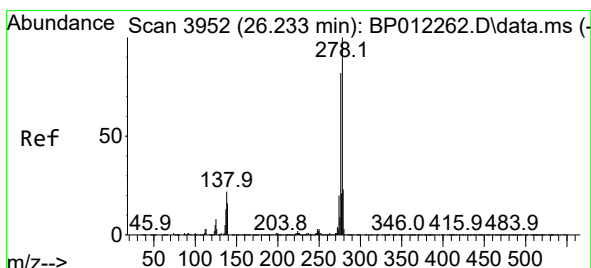
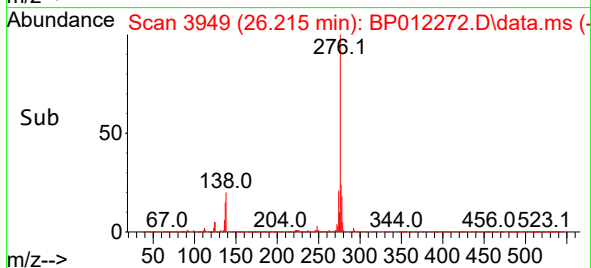
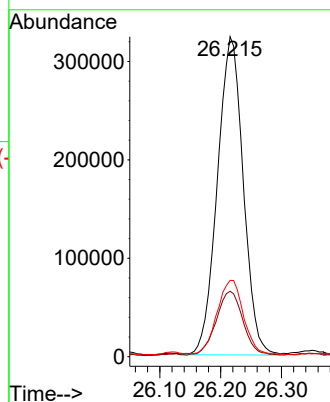
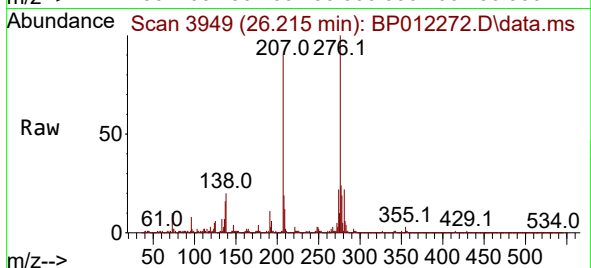
Tgt Ion:276 Resp: 955437

Ion Ratio Lower Upper

276 100

138 20.5 20.3 30.5

277 23.9 20.2 30.4



#95

Dibenzo(a,h)anthracene

Concen: 2.005 ng/ul

RT: 26.221 min Scan# 3950

Delta R.T. -0.012 min

Lab File: BP012272.D

Acq: 22 Oct 2022 06:56

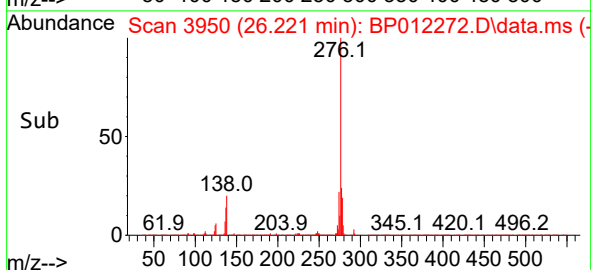
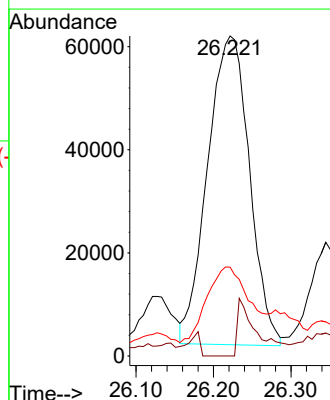
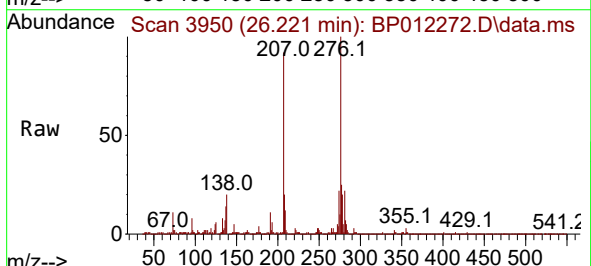
Tgt Ion:278 Resp: 225070

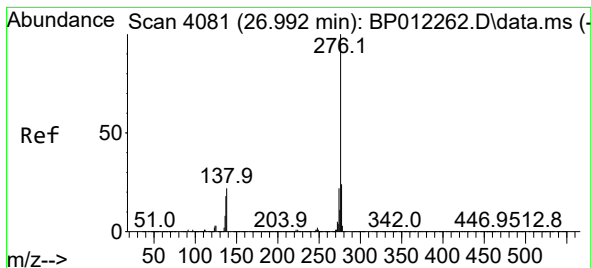
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 27.8 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 6.612 ng/ul

RT: 26.986 min Scan# 4080

Delta R.T. -0.006 min

Lab File: BP012272.D

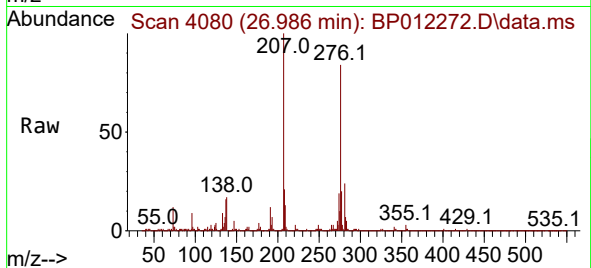
Acq: 22 Oct 2022 06:56

Instrument :

BNA_P

ClientSampleId :

DBWK4DL



Tgt Ion:276 Resp: 773035

Ion Ratio Lower Upper

276 100

138 20.7 17.9 26.9

277 23.6 18.9 28.3

