

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012270.D
 Acq On : 22 Oct 2022 05:48
 Operator : CG/JU
 Sample : N4755-09DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBWK5DL

Quant Time: Oct 22 10:02:52 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

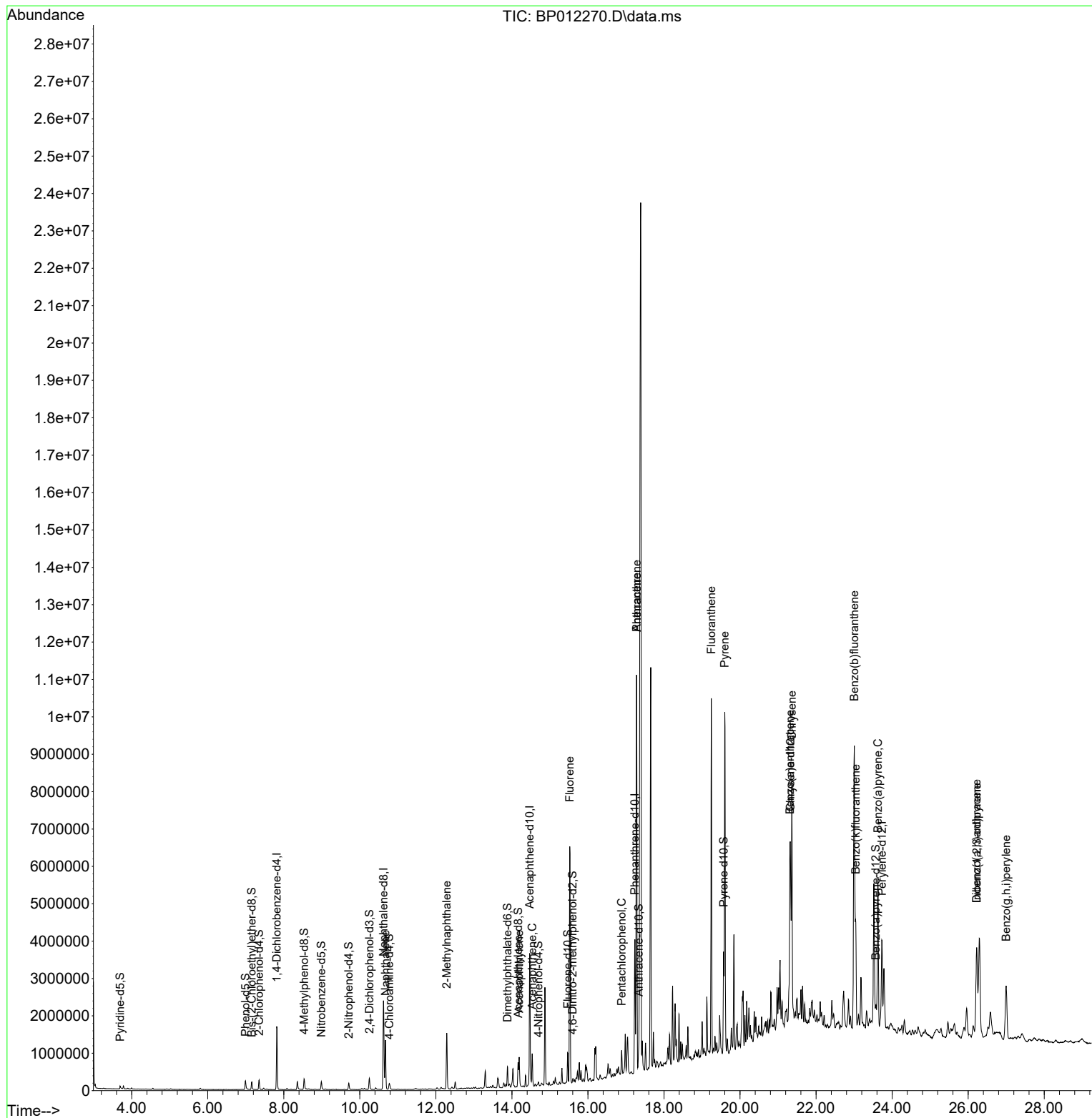
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	493266	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	2103167	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	1258165	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2179824	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1580838	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1864057	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	7985	0.655	ng/uL	0.00
4) Pyridine-d5	3.693	84	46641	1.328	ng/ul	0.01
7) Phenol-d5	6.993	99	161521	3.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	94174	3.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	129822	4.005	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	126571	3.824	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	60048	3.857	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	63212	3.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	127069	4.033	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	92895	2.075	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	388104	4.434	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	435158	4.356	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	33048	2.016	ng/ul	0.01
60) Fluorene-d10	15.469	176	334162	4.438	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	18371	1.481	ng/ul	0.00
73) Anthracene-d10	17.339	188	430980	4.511	ng/ul	0.01
81) Pyrene-d10	19.569	212	390754	4.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.574	264	406045	4.344	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.675	128	1118481	9.944	ng/ul	100
36) 2-Methylnaphthalene	12.287	142	739725	9.666	ng/ul	100
50) Acenaphthylene	14.192	152	605035	5.436	ng/ul	99
52) Acenaphthene	14.534	153	348364	4.425	ng/ul	99
61) Fluorene	15.522	166	3028846	35.475	ng/ul	99
71) Pentachlorophenol	16.886	266	52776	3.214	ng/ul	99
72) Phenanthrene	17.280	178	7142896	60.968	ng/ul	100
74) Anthracene	17.280	178	7142896	61.621	ng/ul	99
80) Fluoranthene	19.245	202	5766339	51.847	ng/ul	96
82) Pyrene	19.598	202	5792141	50.903	ng/ul	95
85) Benzo(a)anthracene	21.310	228	2031304	19.716	ng/ul	97
87) Chrysene	21.363	228	3956525	41.152	ng/ul	98
90) Benzo(b)fluoranthene	23.004	252	6640326	53.453	ng/ul	97
91) Benzo(k)fluoranthene	23.039	252	1541944m	12.592	ng/ul	
93) Benzo(a)pyrene	23.627	252	2964667	27.908	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.227	276	2606048	21.192	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.221	278	662743	5.978	ng/ul#	78
96) Benzo(g,h,i)perylene	26.998	276	1977063	17.122	ng/ul	98

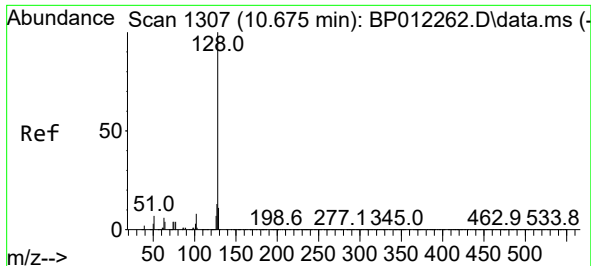
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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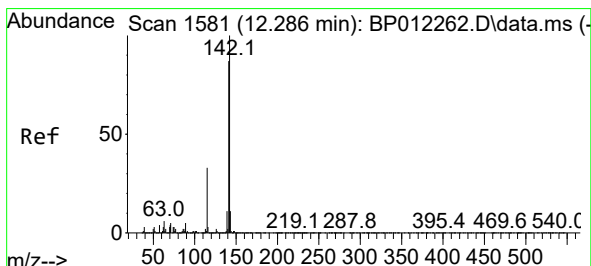
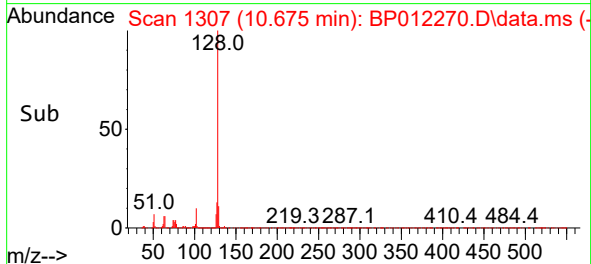
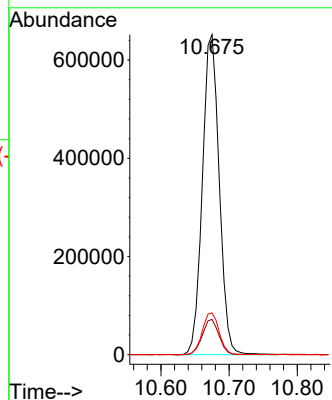
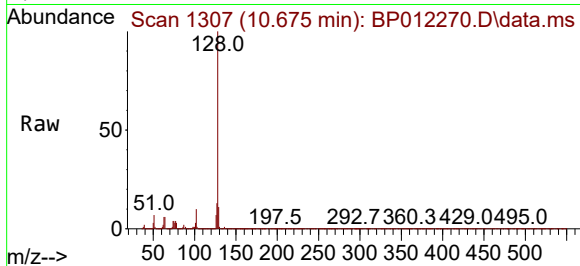




#30
Naphthalene
Concen: 9.944 ng/ul
RT: 10.675 min Scan# 1118481
Delta R.T. -0.000 min
Lab File: BP012270.D
Acq: 22 Oct 2022 05:48

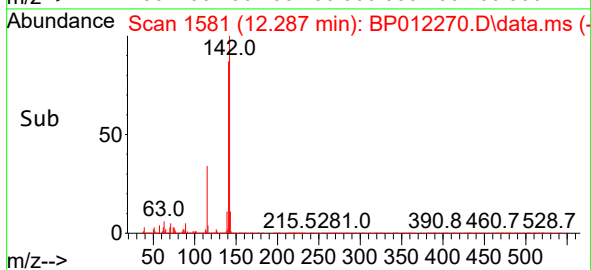
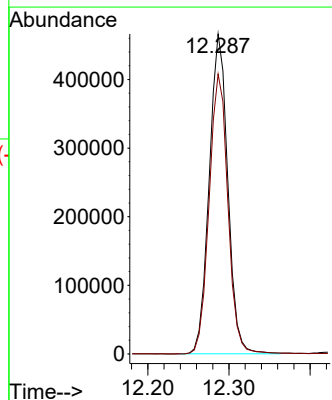
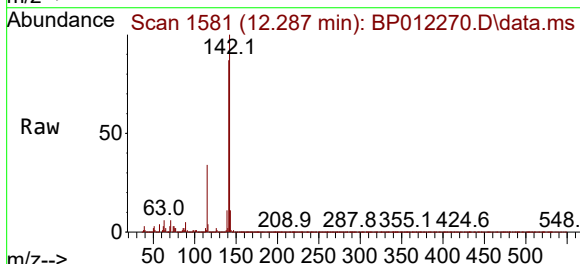
Instrument :
BNA_P
ClientSampleId :
DBWK5DL

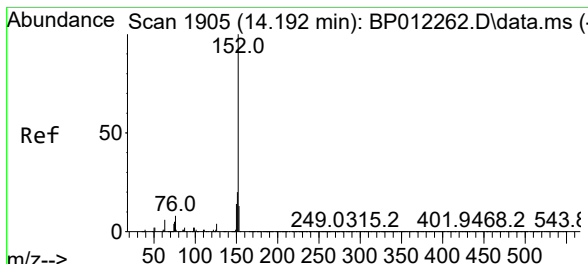
Tgt Ion:128 Resp: 1118481
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.2 15.4



#36
2-Methylnaphthalene
Concen: 9.666 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP012270.D
Acq: 22 Oct 2022 05:48

Tgt Ion:142 Resp: 739725
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5



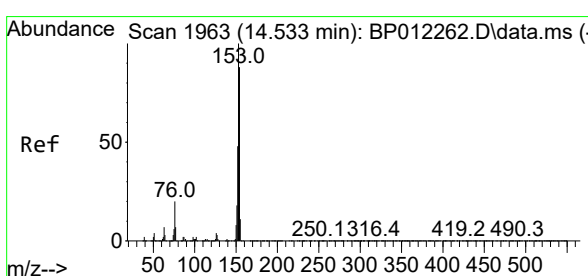
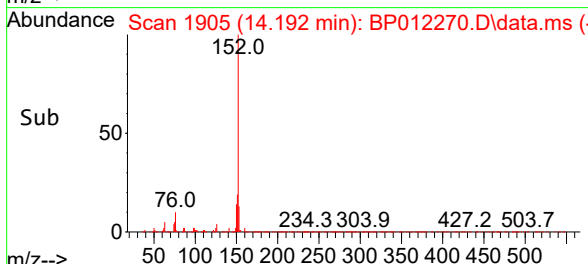
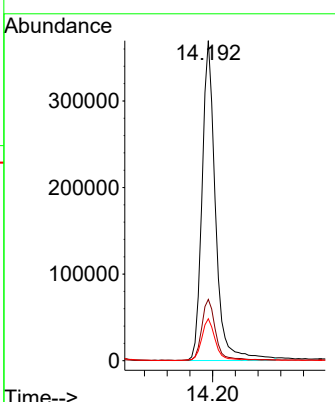
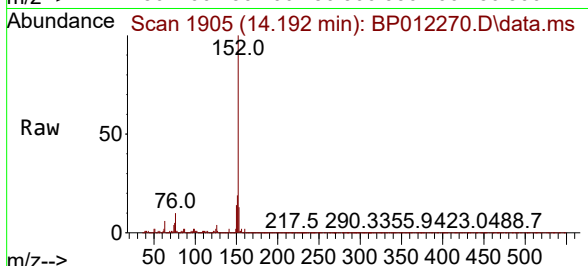


#50
 Acenaphthylene
 Concen: 5.436 ng/ul
 RT: 14.192 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: BP012270.D
 Acq: 22 Oct 2022 05:48

Instrument :
 BNA_P
 ClientSampleId :
 DBWK5DL

Tgt Ion:152 Resp: 605035

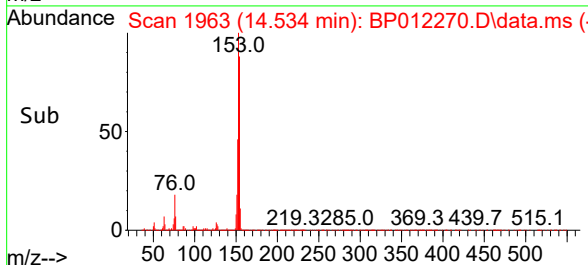
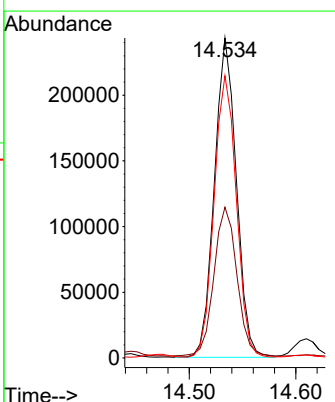
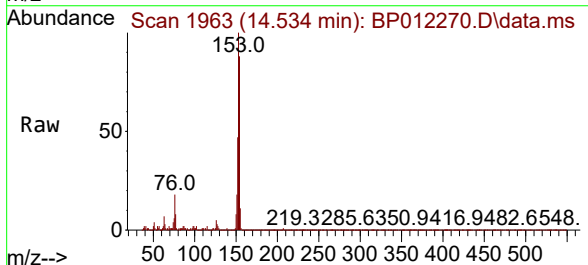
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	13.1	10.6	16.0

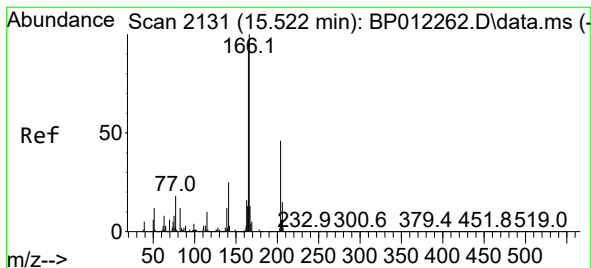


#52
 Acenaphthene
 Concen: 4.425 ng/ul
 RT: 14.534 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: BP012270.D
 Acq: 22 Oct 2022 05:48

Tgt Ion:153 Resp: 348364

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.1	57.1
154	88.2	71.4	107.2





#61

Fluorene

Concen: 35.475 ng/ul

RT: 15.522 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

Instrument :

BNA_P

ClientSampleId :

DBWK5DL

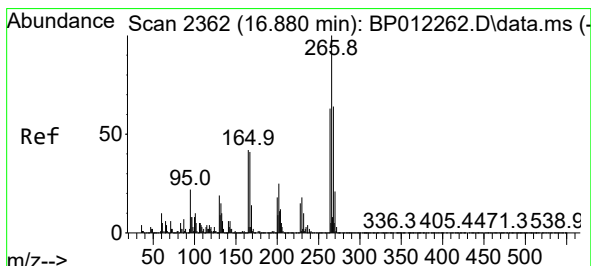
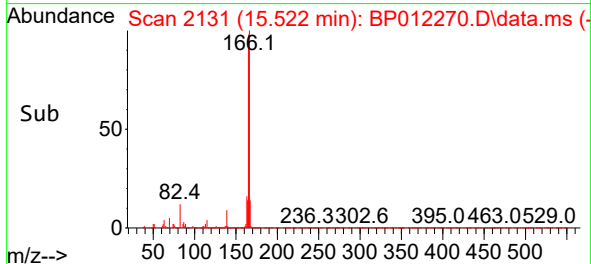
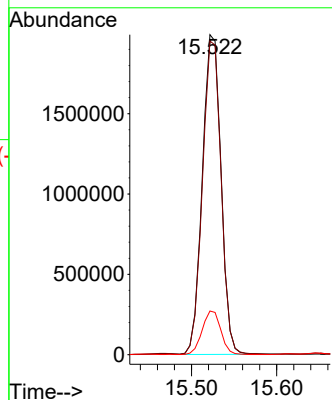
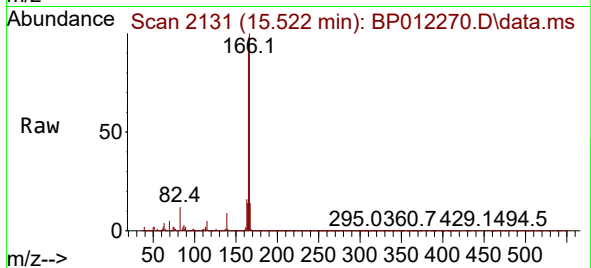
Tgt Ion:166 Resp: 3028846

Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

167 13.6 10.7 16.1



#71

Pentachlorophenol

Concen: 3.214 ng/ul

RT: 16.886 min Scan# 2363

Delta R.T. 0.006 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

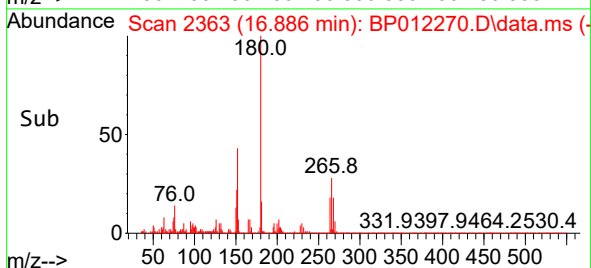
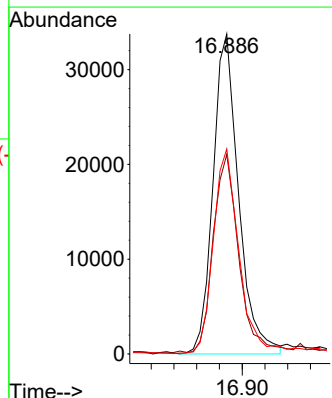
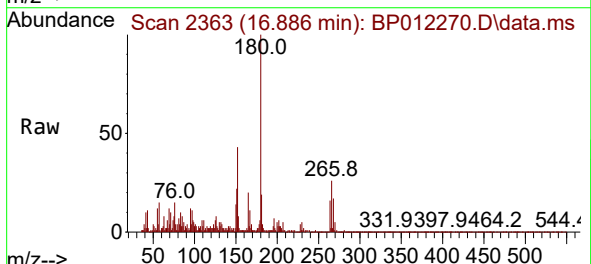
Tgt Ion:266 Resp: 52776

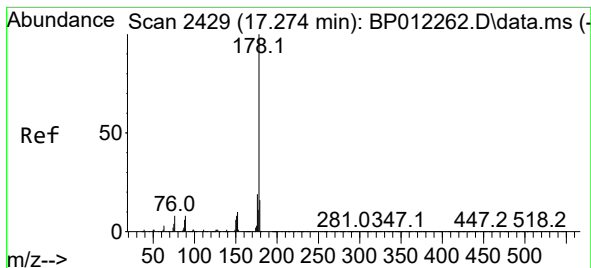
Ion Ratio Lower Upper

266 100

264 62.3 50.1 75.1

268 64.1 50.6 76.0





#72

Phenanthrene

Concen: 60.968 ng/ul

RT: 17.280 min Scan# 2429

Delta R.T. 0.006 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

Instrument :

BNA_P

ClientSampleId :

DBWK5DL

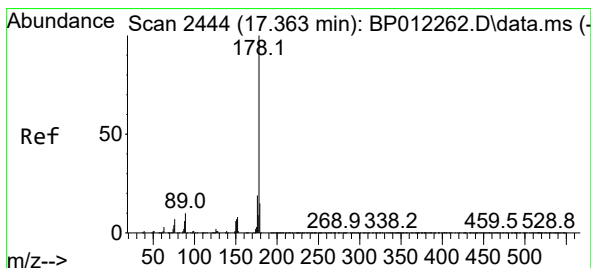
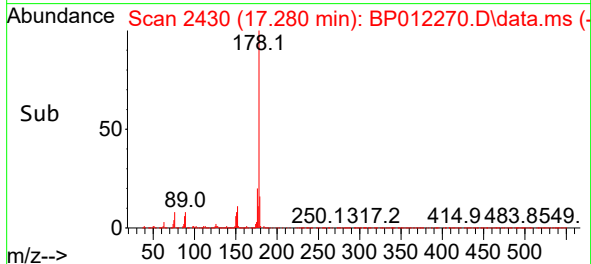
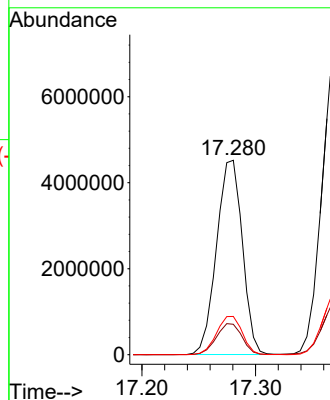
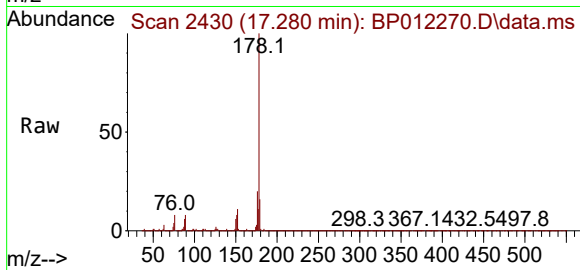
Tgt Ion:178 Resp: 7142896

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.7 15.6 23.4



#74

Anthracene

Concen: 61.621 ng/ul

RT: 17.280 min Scan# 2430

Delta R.T. -0.083 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

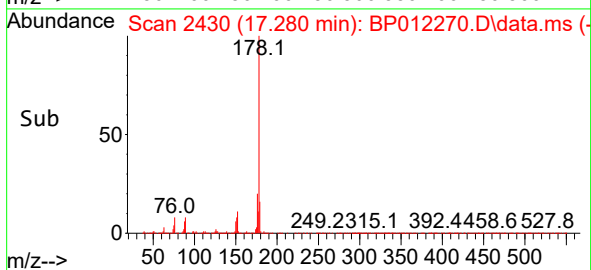
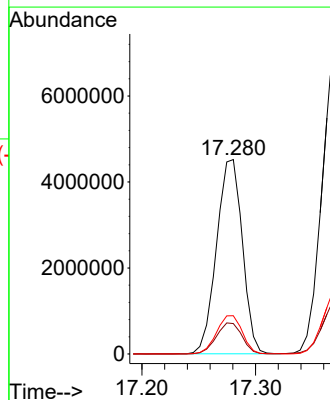
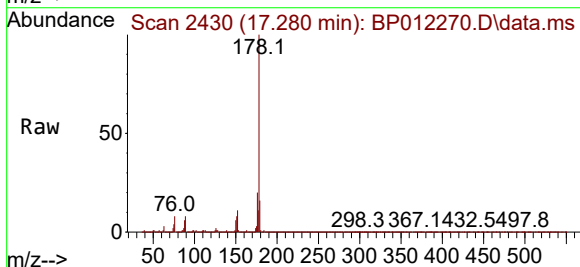
Tgt Ion:178 Resp: 7142896

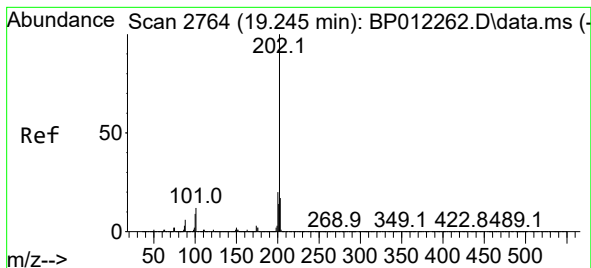
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.7 15.0 22.4





#80

Fluoranthene

Concen: 51.847 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.000 min

Lab File: BP012270.D

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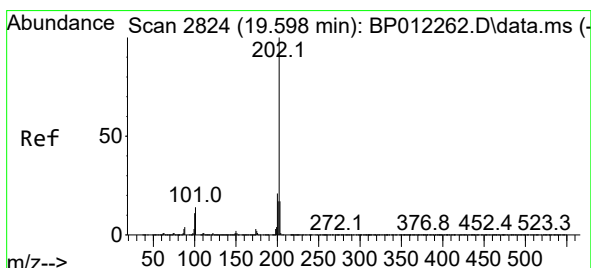
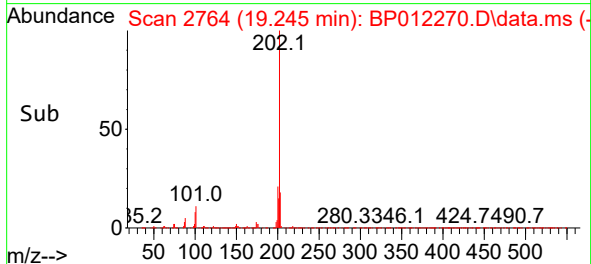
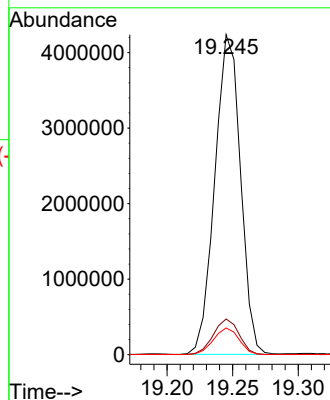
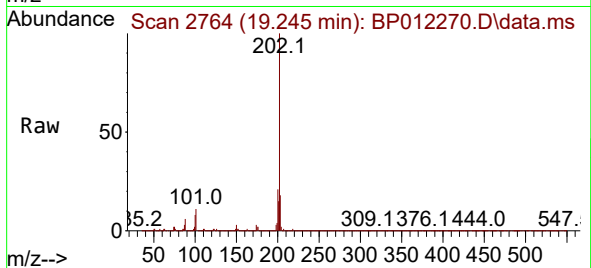
Tgt Ion:202 Resp: 5766339

Ion Ratio Lower Upper

202 100

101 11.1 10.4 15.6

100 8.4 7.7 11.5



#82

Pyrene

Concen: 50.903 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

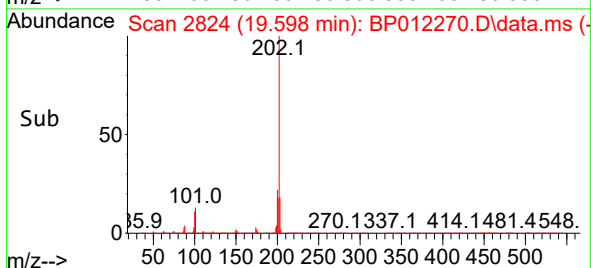
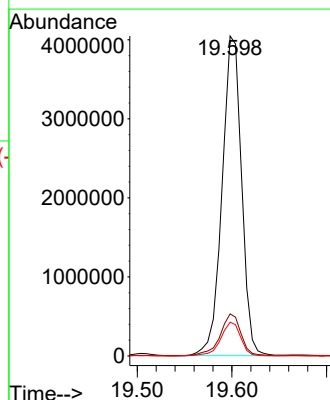
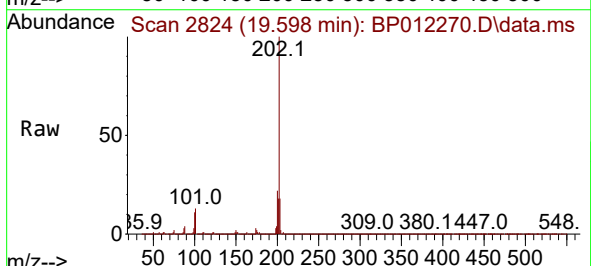
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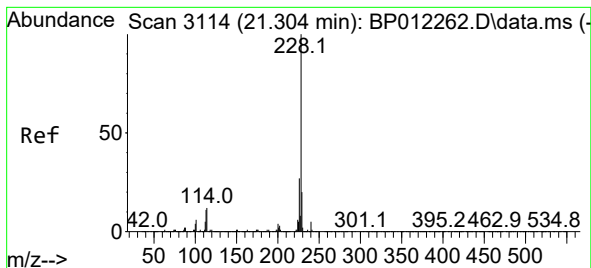
Ion Ratio Lower Upper

202 100

101 13.2 12.3 18.5

100 10.6 10.0 15.0





#85

Benzo(a)anthracene

Concen: 19.716 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP012270.D

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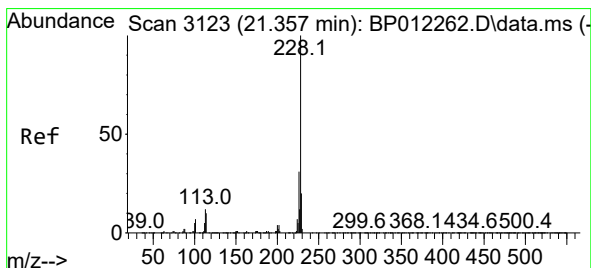
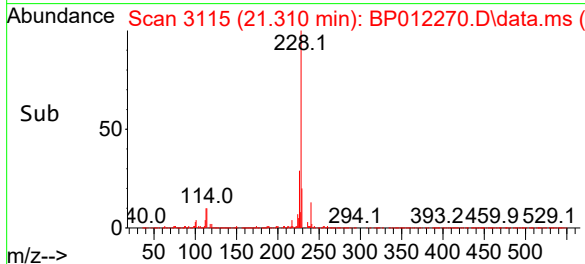
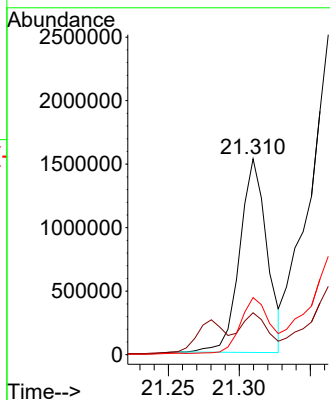
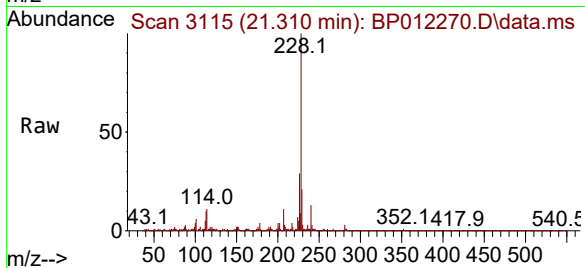
Tgt Ion:228 Resp: 2031304

Ion Ratio Lower Upper

228 100

229 21.4 16.1 24.1

226 29.2 21.9 32.9



#87

Chrysene

Concen: 41.152 ng/ul

RT: 21.363 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

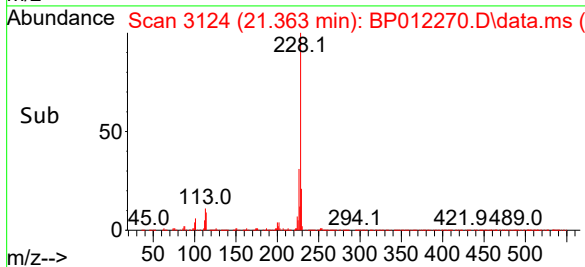
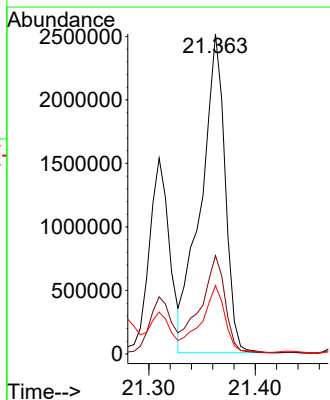
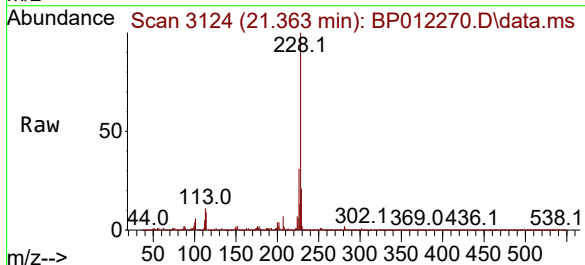
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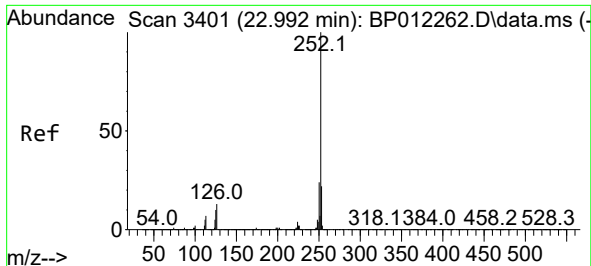
Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 21.4 15.8 23.8

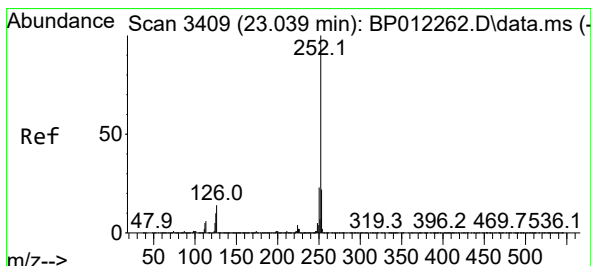
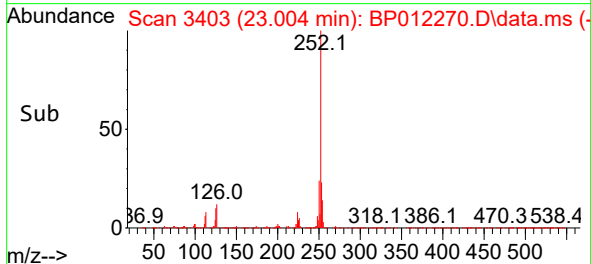
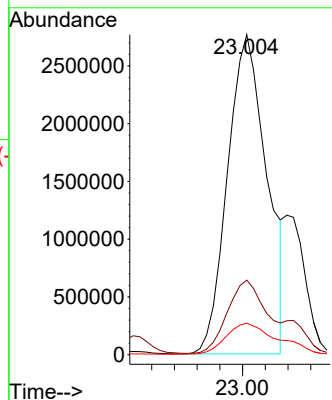
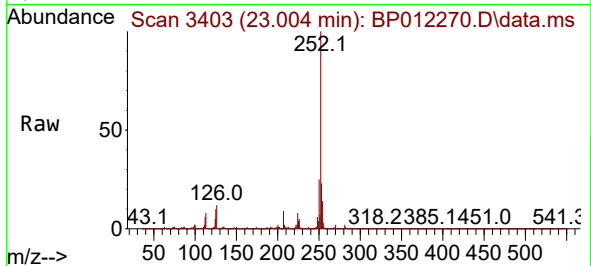




#90
Benzo(b)fluoranthene
Concen: 53.453 ng/ul
RT: 23.004 min Scan# 3403
Delta R.T. 0.012 min
Lab File: BP012270.D
Acq: 22 Oct 2022 05:48

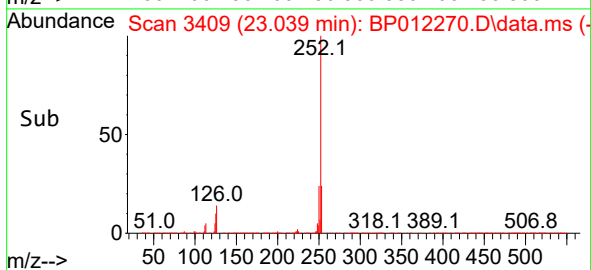
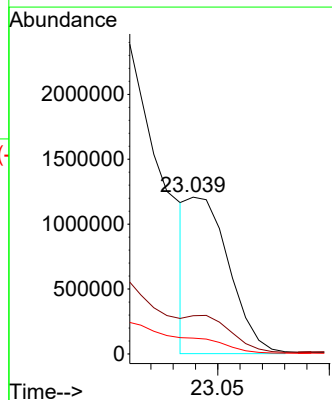
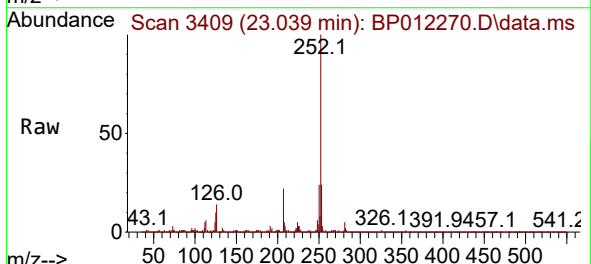
Instrument :
BNA_P
ClientSampleId :
DBWK5DL

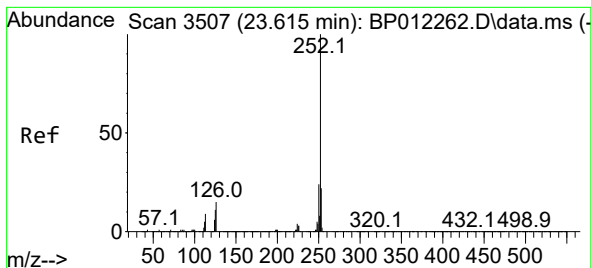
Tgt Ion:252 Resp: 6640326
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 9.9 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 12.592 ng/ul m
RT: 23.039 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BP012270.D
Acq: 22 Oct 2022 05:48

Tgt Ion:252 Resp: 1541944
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 10.1 8.6 13.0





#93

Benzo(a)pyrene

Concen: 27.908 ng/ul

RT: 23.627 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

Instrument :

BNA_P

ClientSampleId :

DBWK5DL

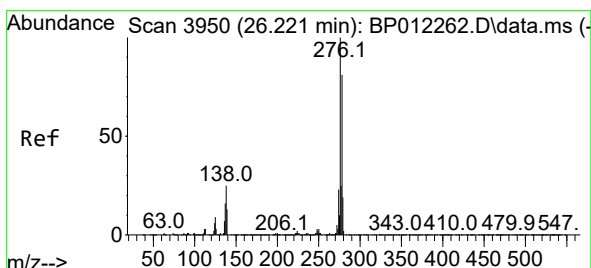
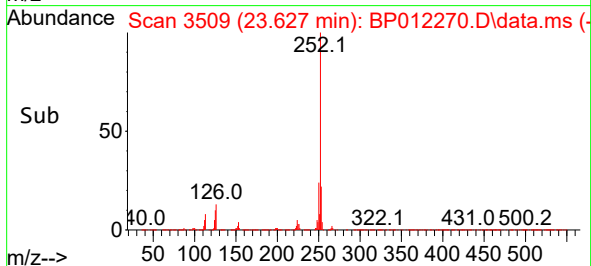
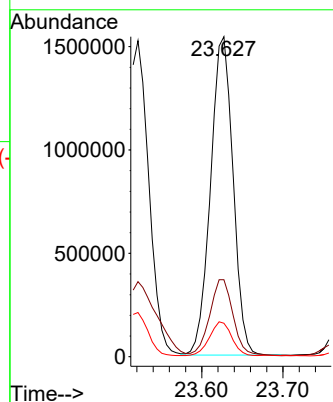
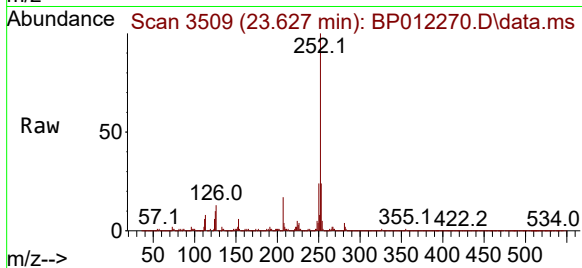
Tgt Ion:252 Resp: 2964667

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 10.5 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.192 ng/ul

RT: 26.227 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BP012270.D

Acq: 22 Oct 2022 05:48

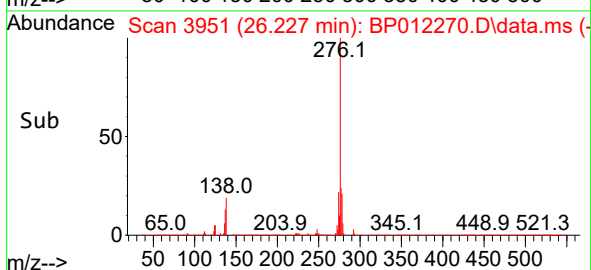
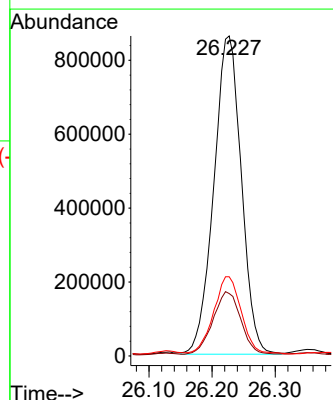
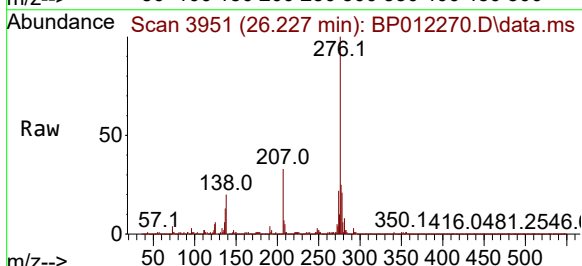
Tgt Ion:276 Resp: 2606048

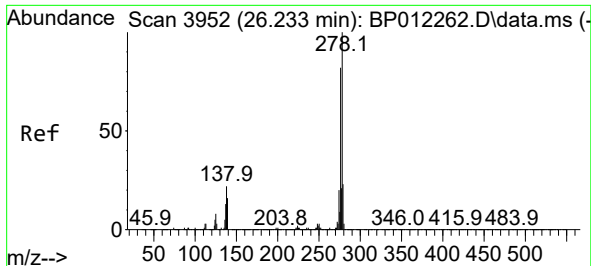
Ion Ratio Lower Upper

276 100

138 19.5 20.3 30.5#

277 24.7 20.2 30.4

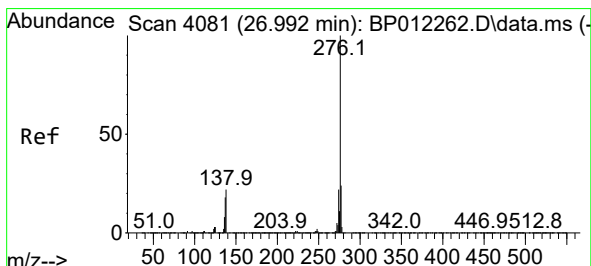
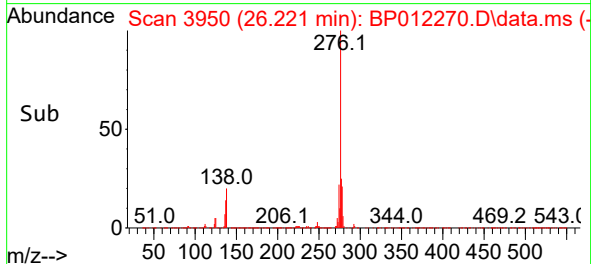
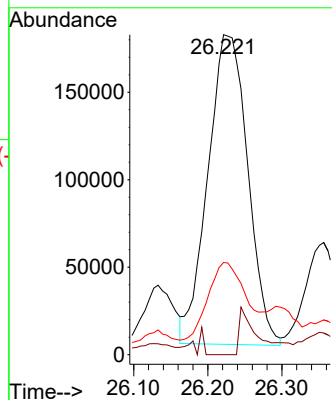
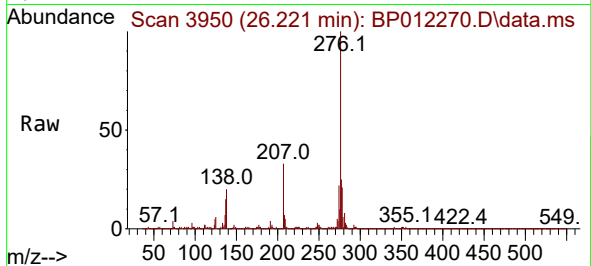




#95
Dibenzo(a,h)anthracene
Concen: 5.978 ng/ul
RT: 26.221 min Scan# 3950
Delta R.T. -0.012 min
Lab File: BP012270.D
Acq: 22 Oct 2022 05:48

Instrument :
BNA_P
ClientSampleId :
DBWK5DL

Tgt Ion:278 Resp: 662743
Ion Ratio Lower Upper
278 100
139 0.0 12.9 19.3#
279 28.8 19.0 28.4#



#96
Benzo(g,h,i)perylene
Concen: 17.122 ng/ul
RT: 26.998 min Scan# 4082
Delta R.T. 0.006 min
Lab File: BP012270.D
Acq: 22 Oct 2022 05:48

Tgt Ion:276 Resp: 1977063
Ion Ratio Lower Upper
276 100
138 20.9 17.9 26.9
277 24.1 18.9 28.3

