

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019007.D
 Acq On : 21 Dec 2023 19:39
 Operator : MA/JU
 Sample : 05626-10ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF6ME

Quant Time: Dec 22 08:48:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	130360	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	502753	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	339712	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	752645	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	801176	20.000	ng/ul	# 0.00
88) Perylene-d12	23.657	264	972490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	3194	0.835	ng/uL	0.00
4) Pyridine-d5	3.664	84	238	0.023	ng/ul	0.00
7) Phenol-d5	6.999	99	59288	4.532	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	40272	5.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	50547	4.952	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	35419	3.345	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	27445	6.133	ng/ul	0.00
24) 2-Nitrophenol-d4	9.705	143	29377	6.332	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	56791	5.987	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	54129	4.366	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	217908	7.187	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	222489	6.664	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	25968	5.218	ng/ul	0.01
60) Fluorene-d10	15.451	176	192667	7.570	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	26799	5.938	ng/ul	0.02
73) Anthracene-d10	17.316	188	290181	7.334	ng/ul	0.01
81) Pyrene-d10	19.545	212	252099	4.042	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.504	264	164806	2.906	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.969	77	7964	1.179	ng/ul#	79
8) Phenol	7.028	94	36688	2.860	ng/ul	97
16) Acetophenone	8.646	105	266481	16.889	ng/ul	99
30) Naphthalene	10.675	128	6218517	203.893	ng/ul	99
32) 4-Chloroaniline	10.675	127	838713	70.982	ng/ul#	13
36) 2-Methylnaphthalene	12.281	142	3593457	166.312	ng/ul	100
37) 1-Methylnaphthalene	12.499	142	1843171	84.471	ng/ul	99
43) 1,1'-Biphenyl	13.293	154	1605672	54.651	ng/ul	97
50) Acenaphthylene	14.175	152	139061	3.705	ng/ul#	88
52) Acenaphthene	14.534	153	6675208	268.960	ng/ul	99
56) Dibenzofuran	14.863	168	7747043	224.590	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	10512	1.325	ng/ul#	44
61) Fluorene	15.516	166	6954326	254.790	ng/ul	99
63) 4-Nitroaniline	15.516	138	81830	15.260	ng/ul#	19
72) Phenanthrene	17.351	178	3620641	79.651	ng/ul	99
74) Anthracene	17.351	178	3620641	79.463	ng/ul	100
77) Carbazole	17.616	167	1095814	30.176	ng/ul	98
80) Fluoranthene	19.233	202	14697867	199.379	ng/ul#	91
82) Pyrene	19.580	202	6884301	92.570	ng/ul#	90
85) Benzo(a)anthracene	21.286	228	3145436	48.369	ng/ul	99
87) Chrysene	21.339	228	2458789	41.058	ng/ul	97
90) Benzo(b)fluoranthene	22.939	252	1636811	22.828	ng/ul	97
91) Benzo(k)fluoranthene	22.986	252	521532	7.517	ng/ul	97
93) Benzo(a)pyrene	23.551	252	270079	4.122	ng/ul#	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019007.D
Acq On : 21 Dec 2023 19:39
Operator : MA/JU
Sample : 05626-10ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLF6ME

Quant Time: Dec 22 08:48:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 04:46:12 2023
Response via : Initial Calibration

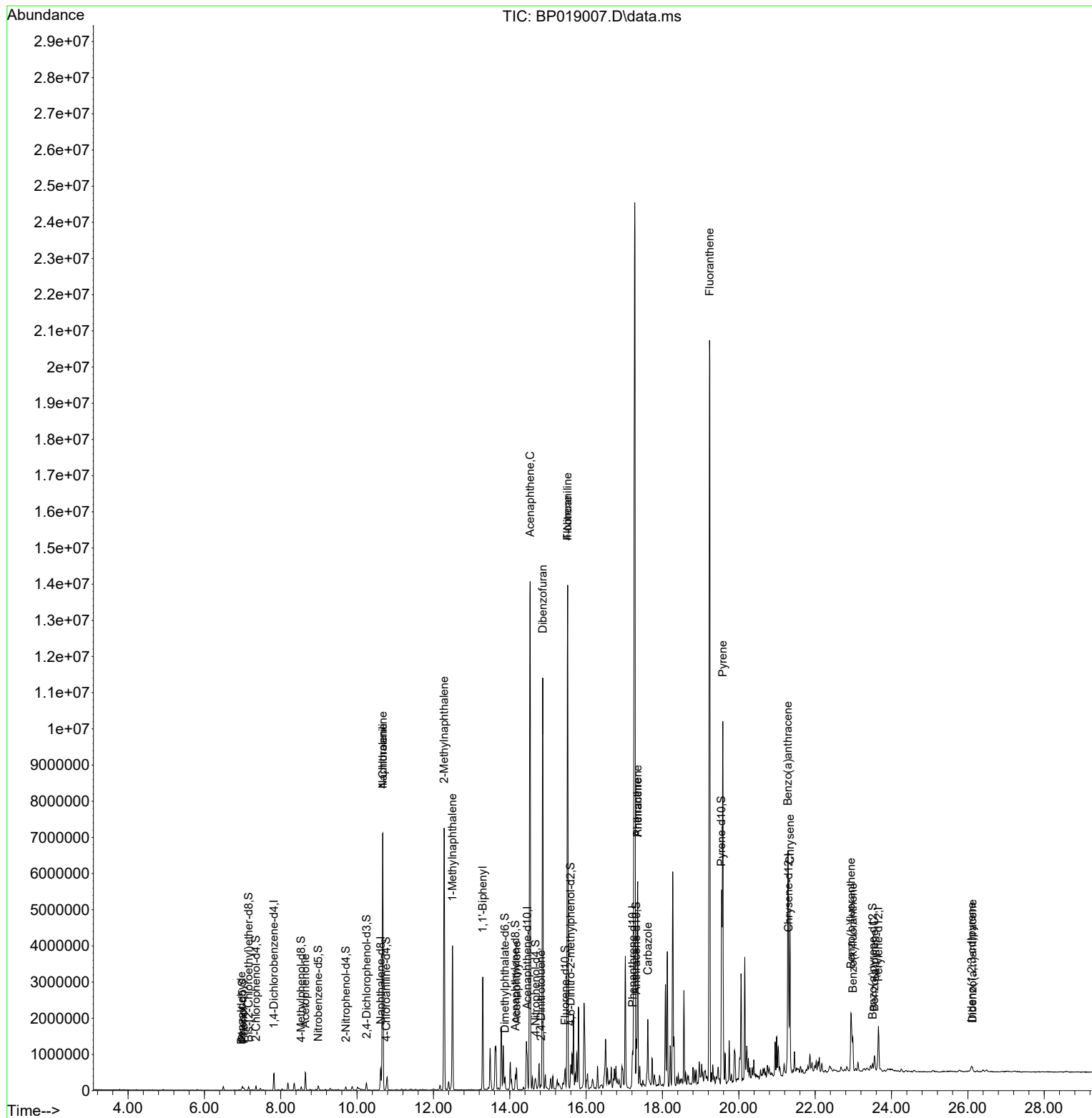
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	26.098	276	138747	1.772	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.121	278	79579	1.222	ng/ul	95

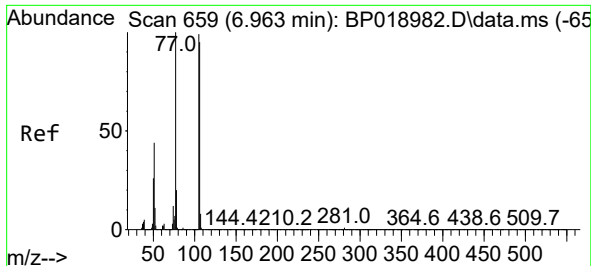
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019007.D
 Acq On : 21 Dec 2023 19:39
 Operator : MA/JU
 Sample : 05626-10ME
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF6ME

Quant Time: Dec 22 08:48:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

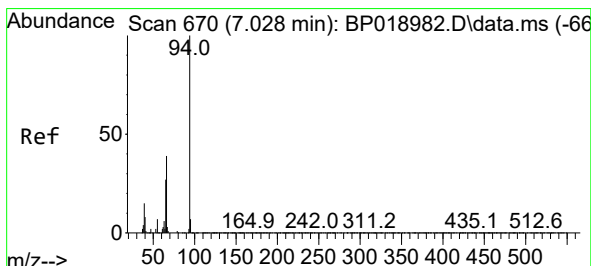
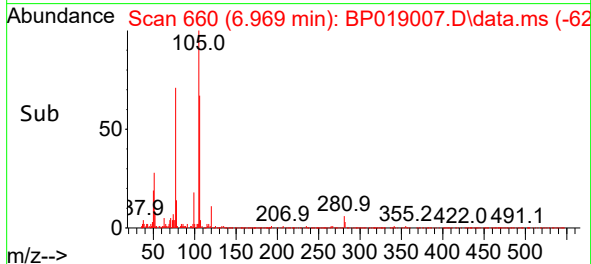
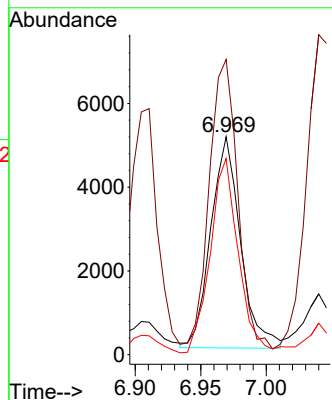
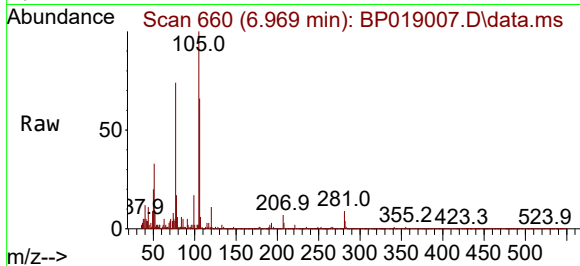




#6
Benzaldehyde
Concen: 1.179 ng/ul
RT: 6.969 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

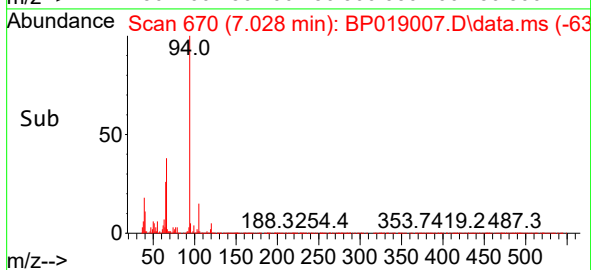
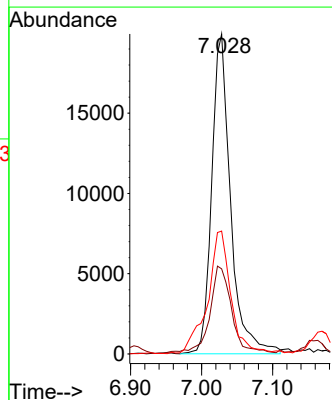
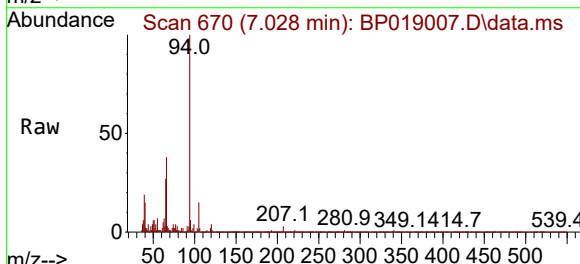
Instrument :
BNA_P
ClientSampleId :
DCLF6ME

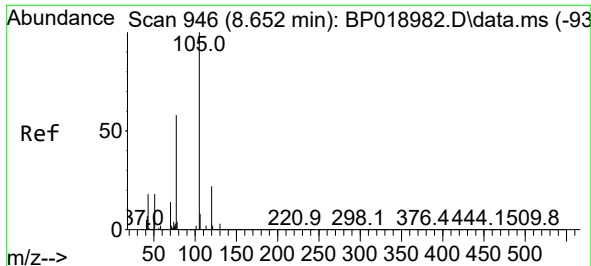
Tgt Ion: 77 Resp: 7964
Ion Ratio Lower Upper
77 100
105 135.4 77.9 116.9#
106 90.0 74.6 111.8



#8
Phenol
Concen: 2.860 ng/ul
RT: 7.028 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Tgt Ion: 94 Resp: 36688
Ion Ratio Lower Upper
94 100
65 26.6 21.0 31.6
66 38.4 28.6 43.0

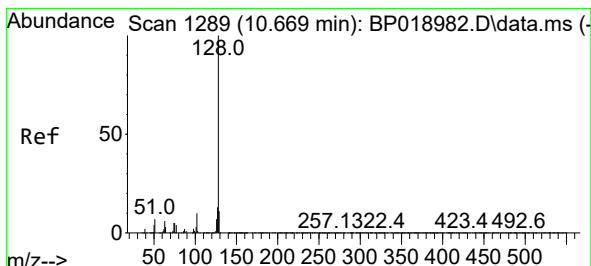
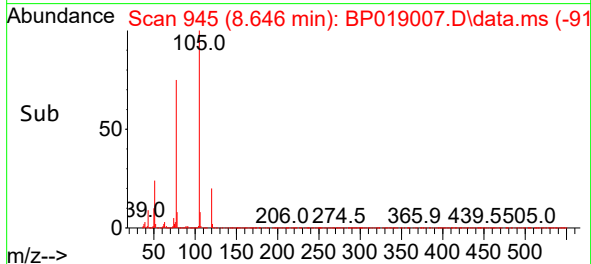
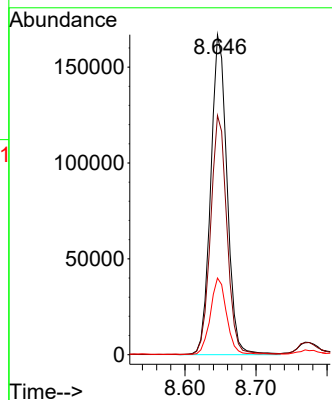
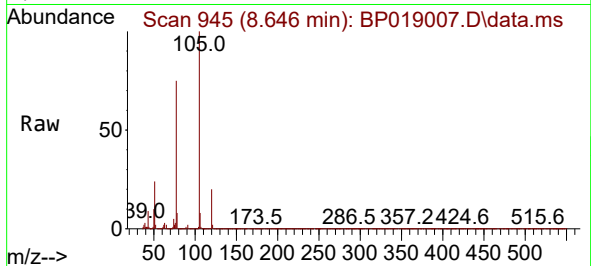




#16
Acetophenone
Concen: 16.889 ng/ul
RT: 8.646 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

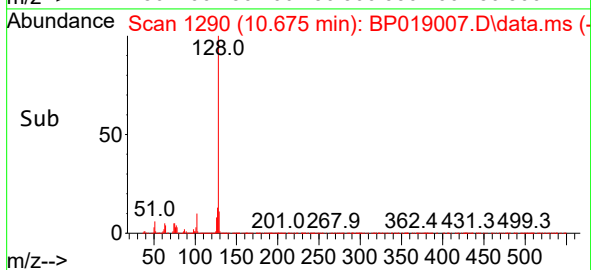
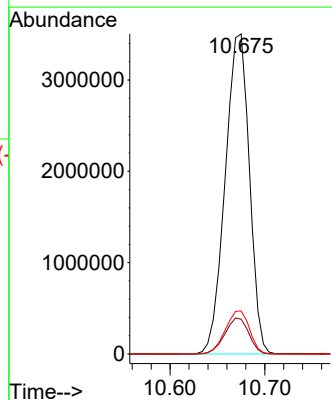
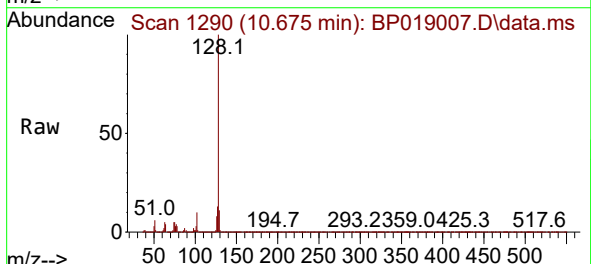
Instrument :
BNA_P
ClientSampleId :
DCLF6ME

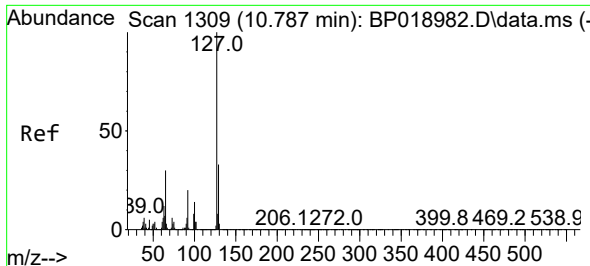
Tgt Ion:105 Resp: 266481
Ion Ratio Lower Upper
105 100
77 74.8 59.4 89.0
51 24.0 19.4 29.0



#30
Naphthalene
Concen: 203.893 ng/ul
RT: 10.675 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Tgt Ion:128 Resp: 6218517
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.5 15.7

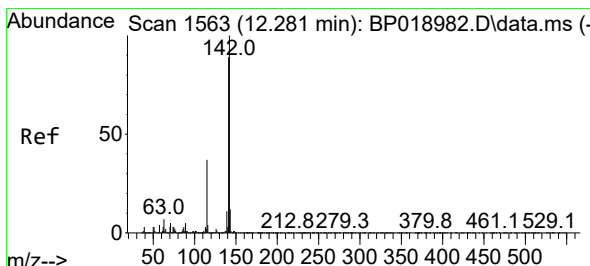
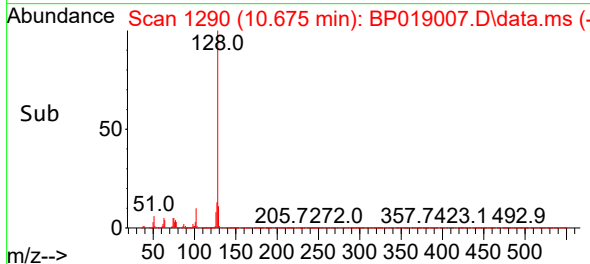
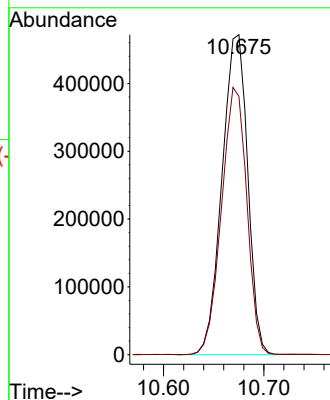
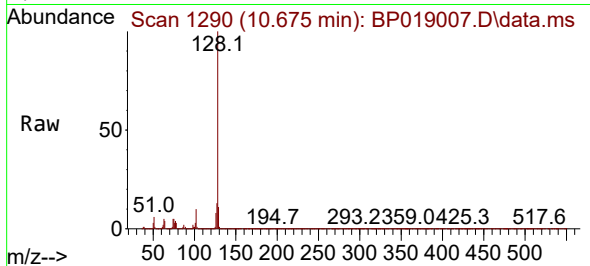




#32
4-Chloroaniline
Concen: 70.982 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

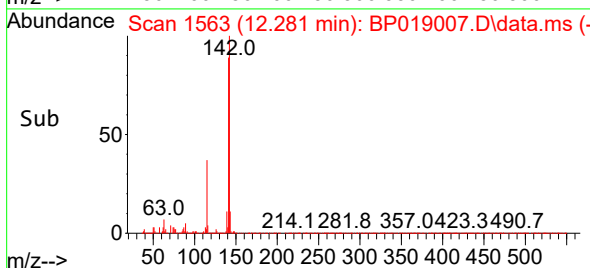
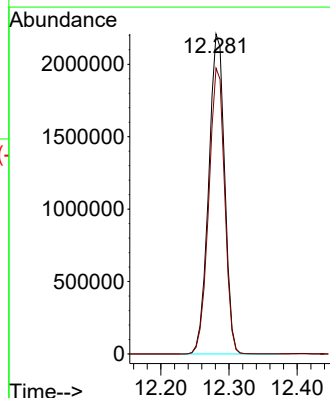
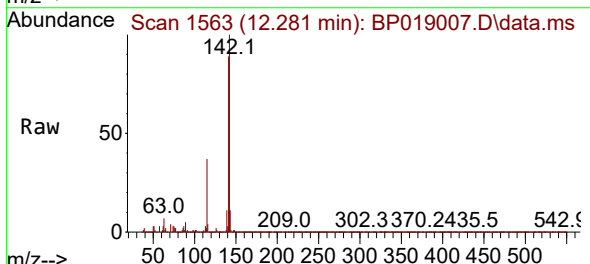
Instrument :
BNA_P
ClientSampleId :
DCLF6ME

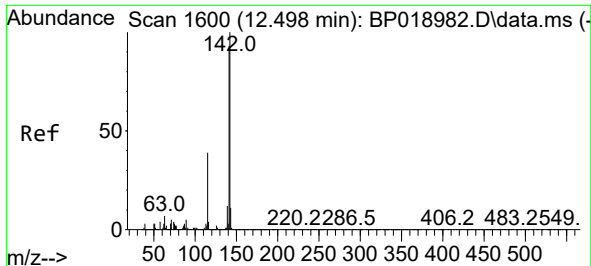
Tgt Ion:127 Resp: 838713
Ion Ratio Lower Upper
127 100
129 80.8 25.6 38.4#



#36
2-Methylnaphthalene
Concen: 166.312 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Tgt Ion:142 Resp: 3593457
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





#37

1-Methylnaphthalene

Concen: 84.471 ng/ul

RT: 12.499 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

DCLF6ME

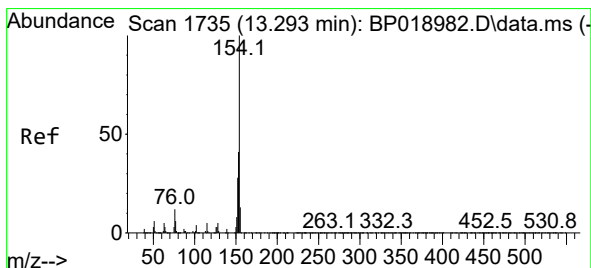
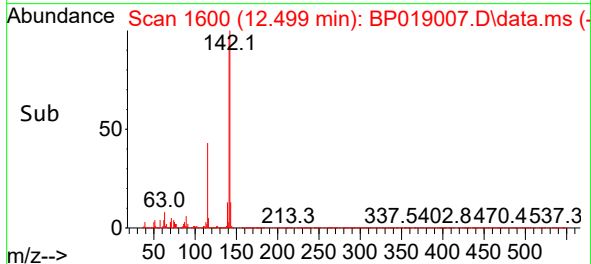
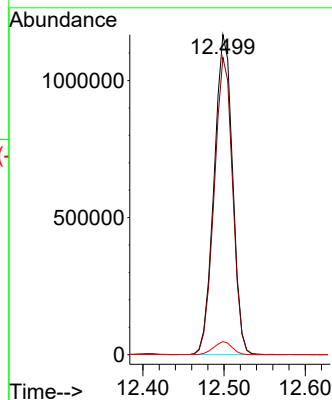
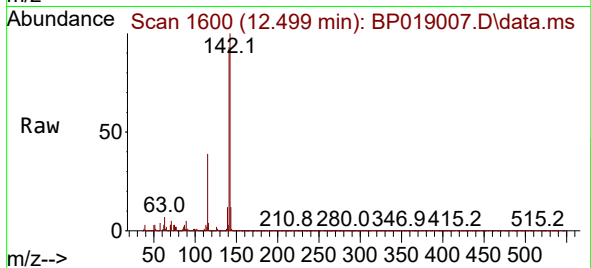
Tgt Ion:142 Resp: 1843171

Ion Ratio Lower Upper

142 100

141 92.9 73.5 110.3

116 4.1 2.8 4.2



#43

1,1'-Biphenyl

Concen: 54.651 ng/ul

RT: 13.293 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

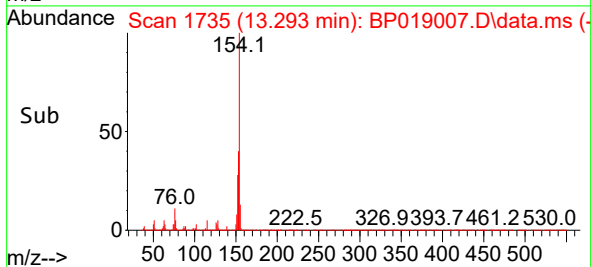
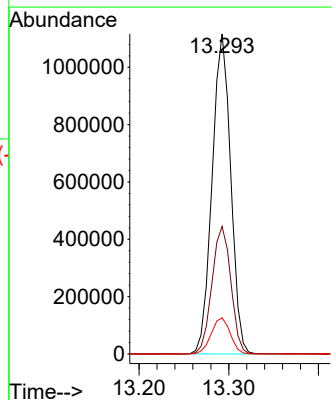
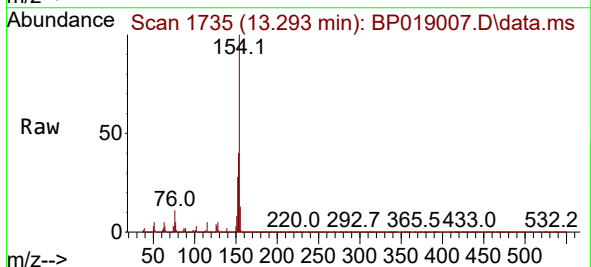
Tgt Ion:154 Resp: 1605672

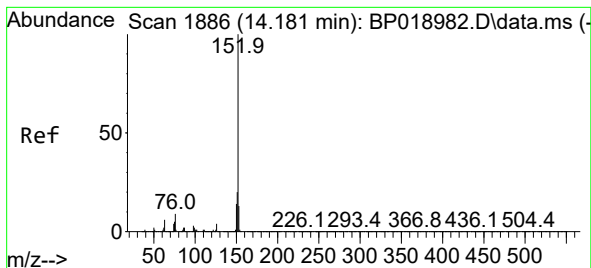
Ion Ratio Lower Upper

154 100

153 39.9 32.8 49.2

76 11.3 10.7 16.1





#50

Acenaphthylene

Concen: 3.705 ng/ul

RT: 14.175 min Scan# 1885

Delta R.T. -0.006 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

DCLF6ME

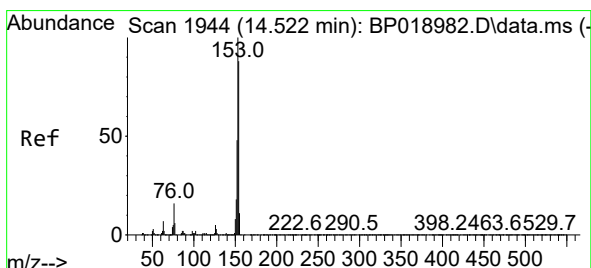
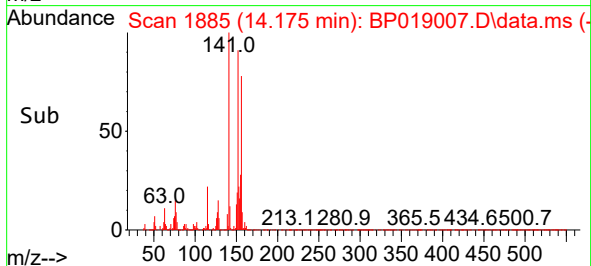
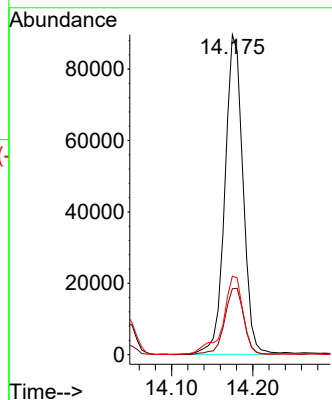
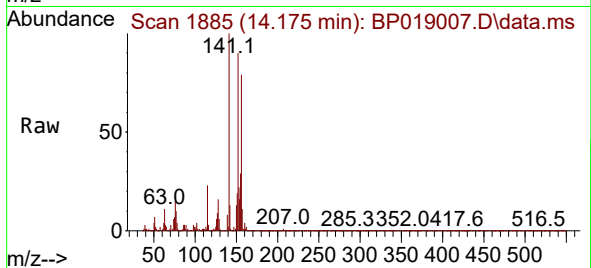
Tgt Ion:152 Resp: 139061

Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

153 24.5 10.6 16.0#



#52

Acenaphthene

Concen: 268.960 ng/ul

RT: 14.534 min Scan# 1946

Delta R.T. 0.012 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

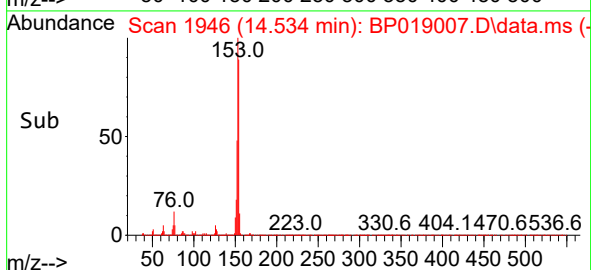
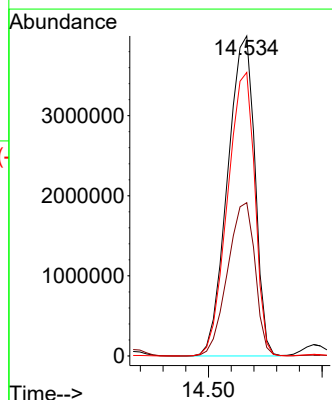
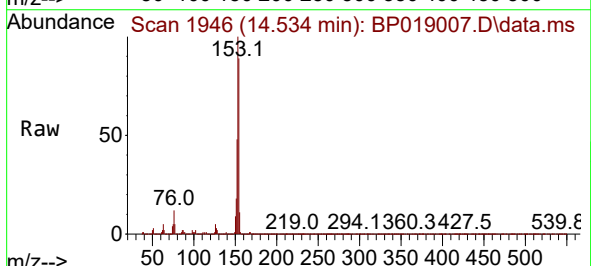
Tgt Ion:153 Resp: 6675208

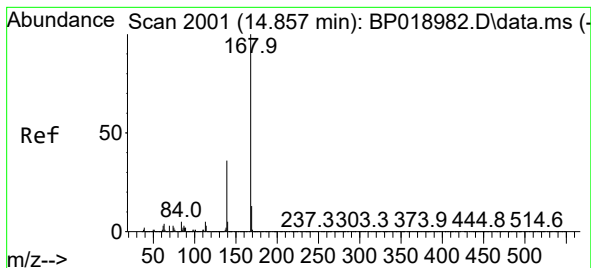
Ion Ratio Lower Upper

153 100

152 47.9 38.1 57.1

154 88.6 71.7 107.5





#56

Dibenzofuran

Concen: 224.590 ng/ul

RT: 14.863 min Scan# 2001

Delta R.T. 0.006 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

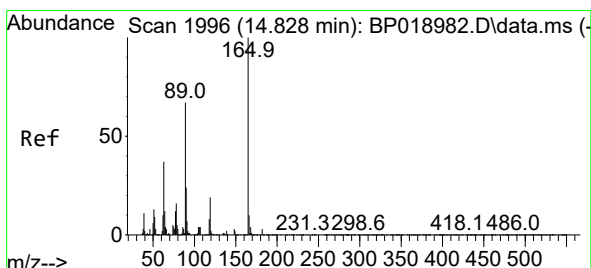
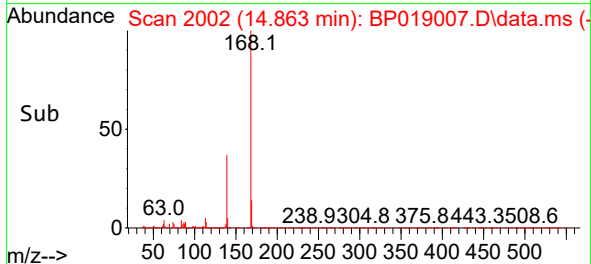
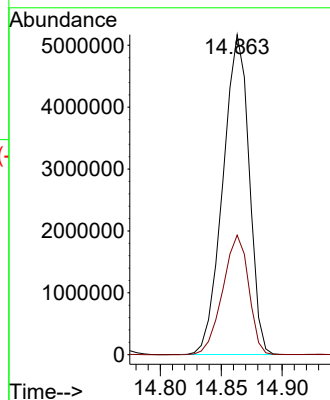
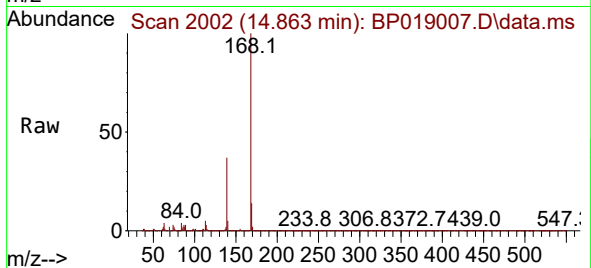
DCLF6ME

Tgt Ion:168 Resp: 7747043

Ion Ratio Lower Upper

168 100

139 37.3 29.1 43.7



#57

2,4-Dinitrotoluene

Concen: 1.325 ng/ul

RT: 14.816 min Scan# 1994

Delta R.T. -0.012 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

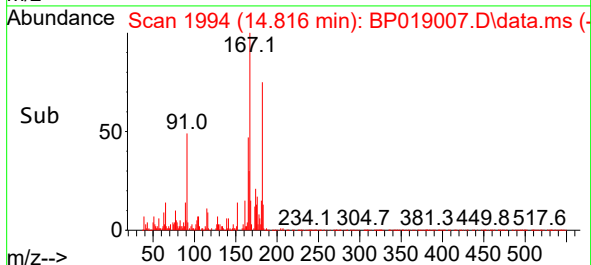
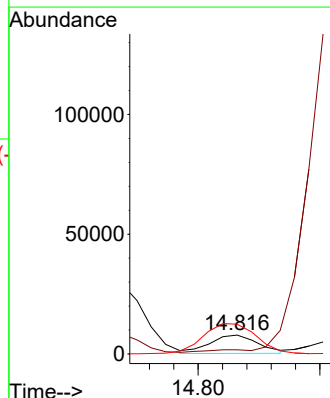
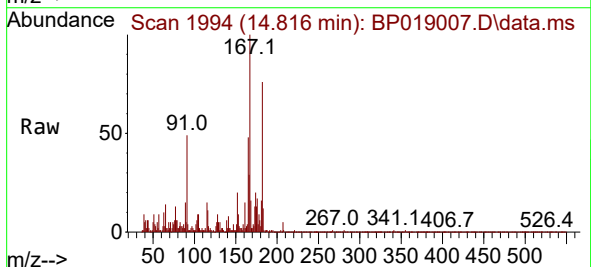
Tgt Ion:165 Resp: 10512

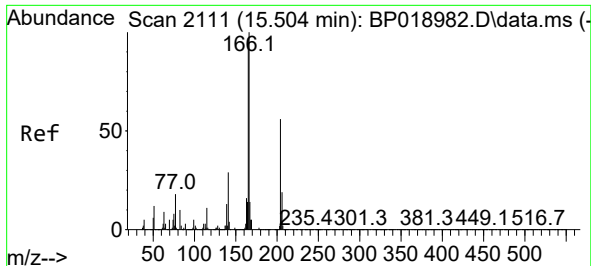
Ion Ratio Lower Upper

165 100

63 21.8 32.7 49.1#

182 158.4 2.1 3.1#

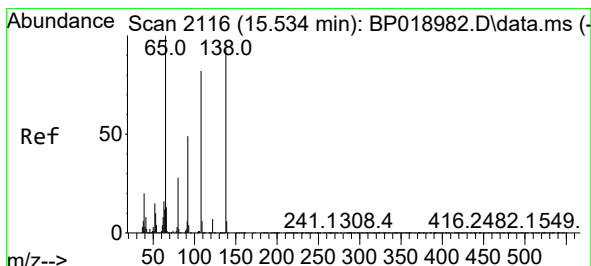
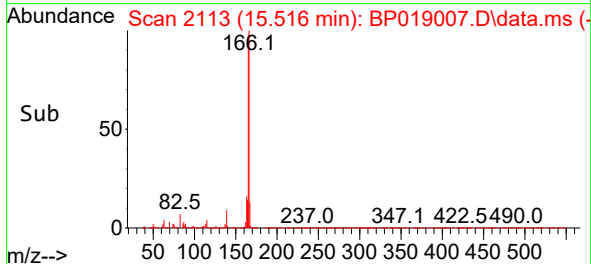
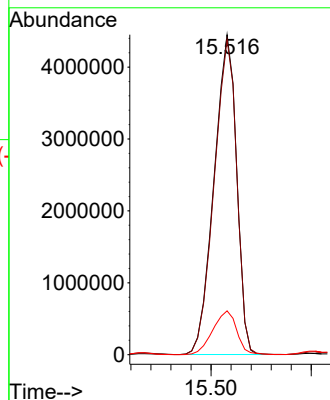
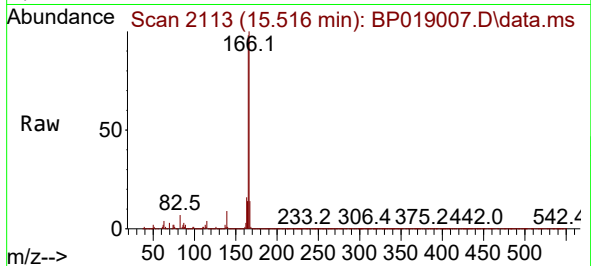




#61
Fluorene
Concen: 254.790 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

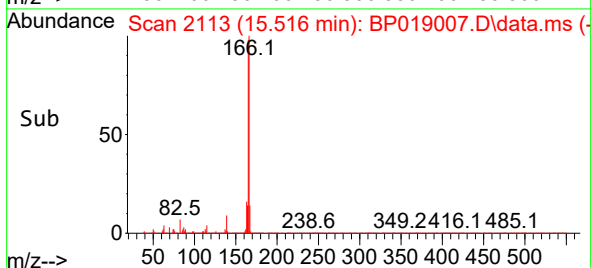
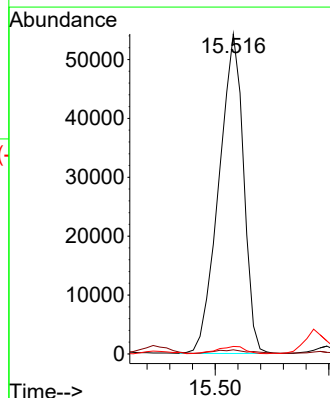
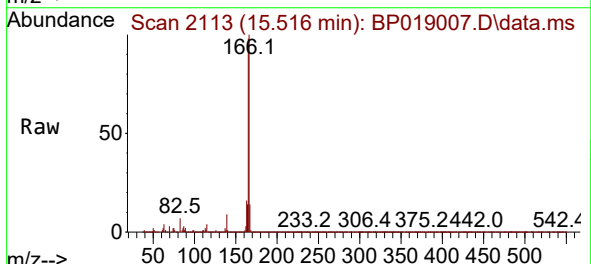
Instrument :
BNA_P
ClientSampleId :
DCLF6ME

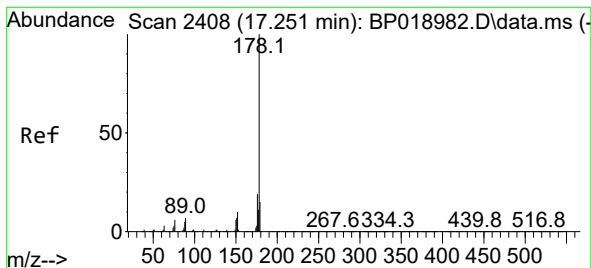
Tgt Ion:166 Resp: 6954326
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.7 10.8 16.2



#63
4-Nitroaniline
Concen: 15.260 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Tgt Ion:138 Resp: 81830
Ion Ratio Lower Upper
138 100
92 1.3 42.3 63.5#
108 2.4 62.0 93.0#





#72

Phenanthrene

Concen: 79.651 ng/ul

RT: 17.351 min Scan# 2408

Delta R.T. 0.100 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

DCLF6ME

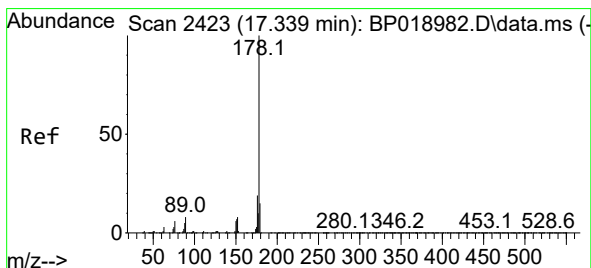
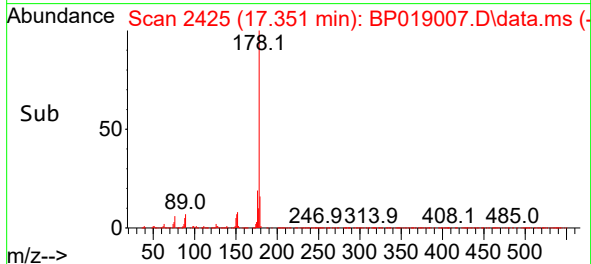
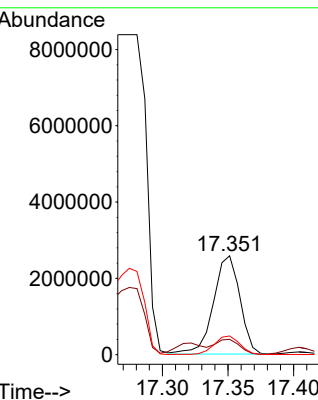
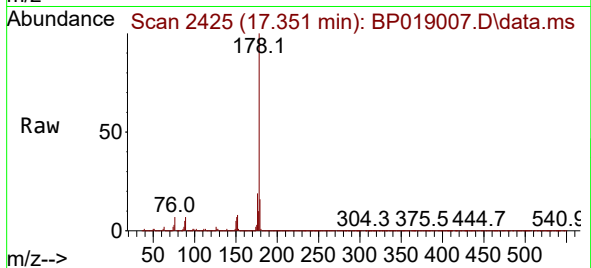
Tgt Ion:178 Resp: 3620641

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.0 15.4 23.2



#74

Anthracene

Concen: 79.463 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

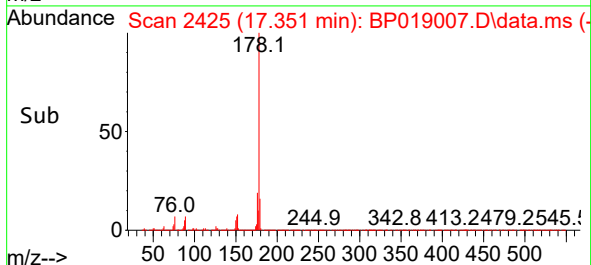
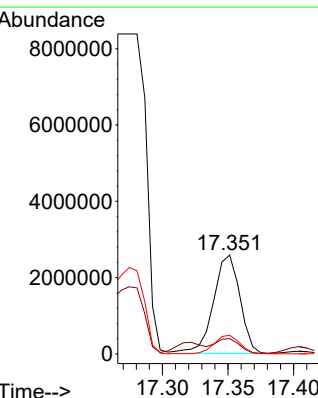
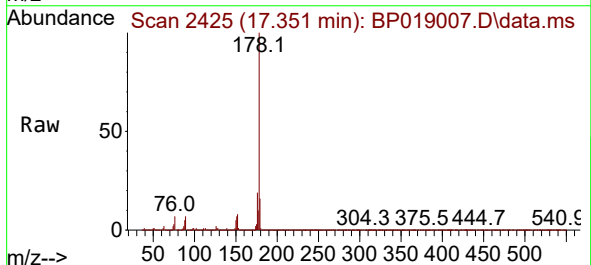
Tgt Ion:178 Resp: 3620641

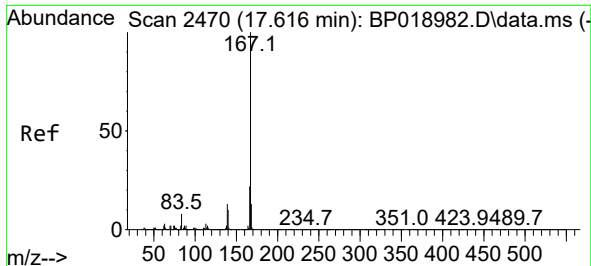
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.0 15.0 22.6

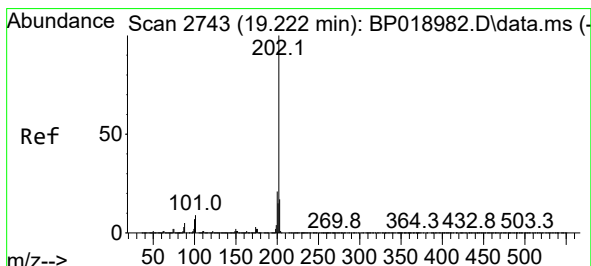
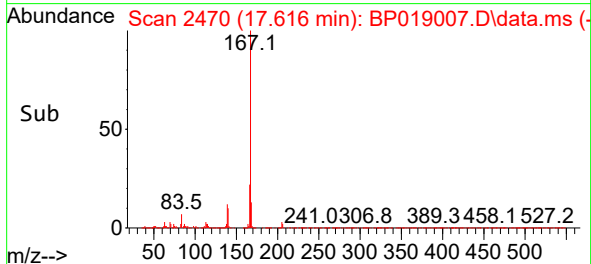
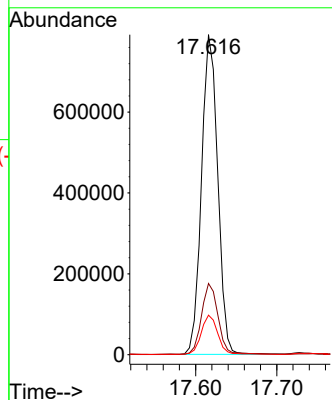
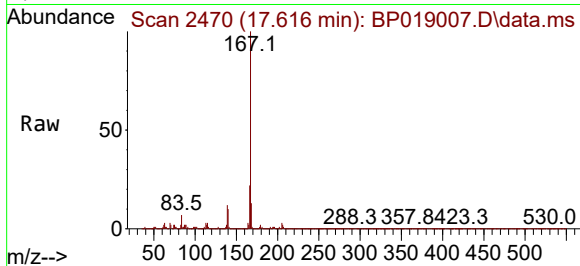




#77
 Carbazole
 Concen: 30.176 ng/ul
 RT: 17.616 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BP019007.D
 Acq: 21 Dec 2023 19:39

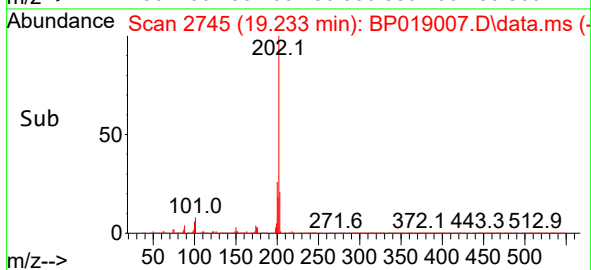
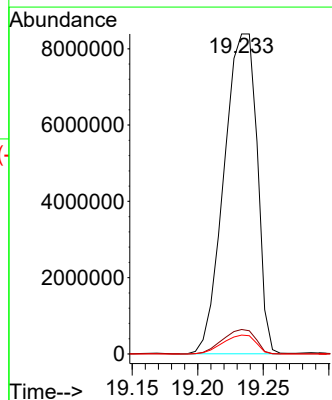
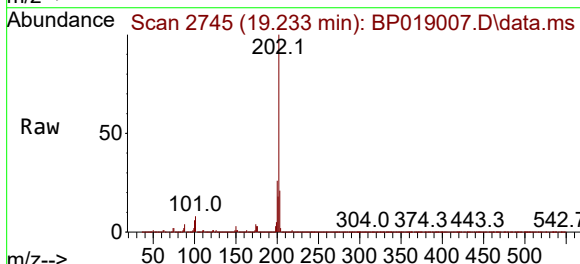
Instrument :
 BNA_P
 ClientSampleId :
 DCLF6ME

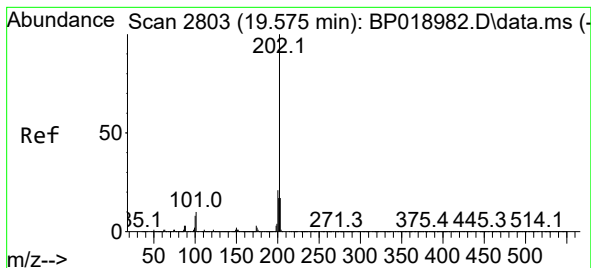
Tgt Ion:167 Resp: 1095814
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.1 25.7
 139 12.3 10.2 15.4



#80
 Fluoranthene
 Concen: 199.379 ng/ul
 RT: 19.233 min Scan# 2745
 Delta R.T. 0.012 min
 Lab File: BP019007.D
 Acq: 21 Dec 2023 19:39

Tgt Ion:202 Resp:14697867
 Ion Ratio Lower Upper
 202 100
 101 7.7 9.1 13.7#
 100 5.9 7.1 10.7#





#82

Pyrene

Concen: 92.570 ng/ul

RT: 19.580 min Scan# 2804

Delta R.T. 0.006 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

DCLF6ME

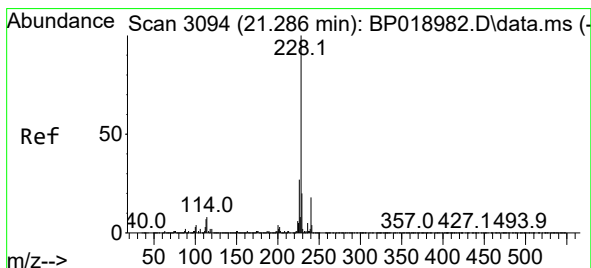
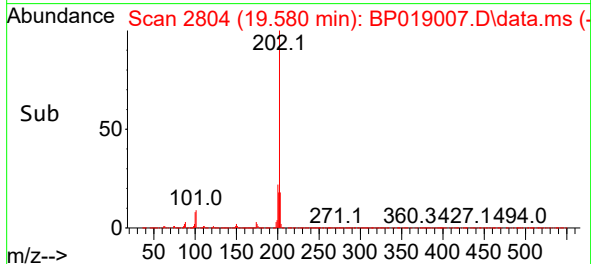
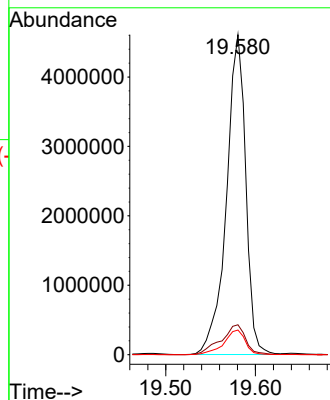
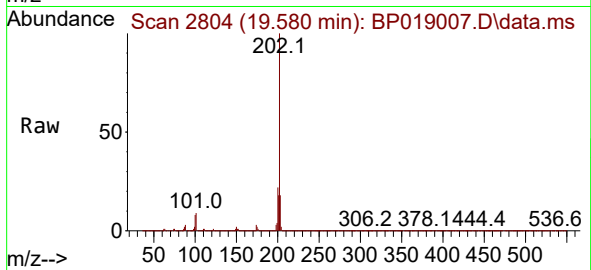
Tgt Ion:202 Resp: 6884301

Ion Ratio Lower Upper

202 100

101 9.4 11.0 16.4#

100 7.7 9.1 13.7#



#85

Benzo(a)anthracene

Concen: 48.369 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

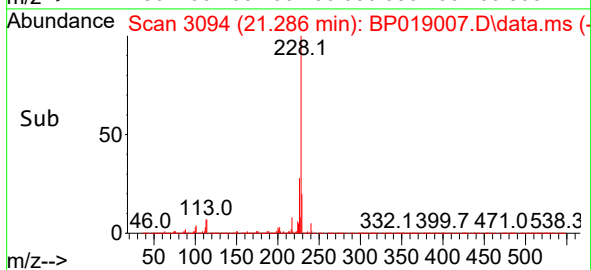
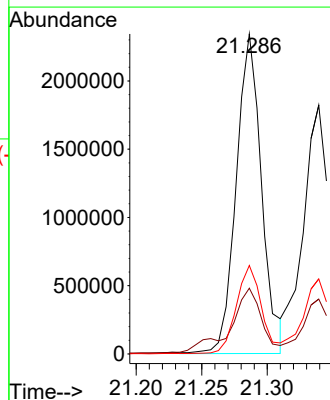
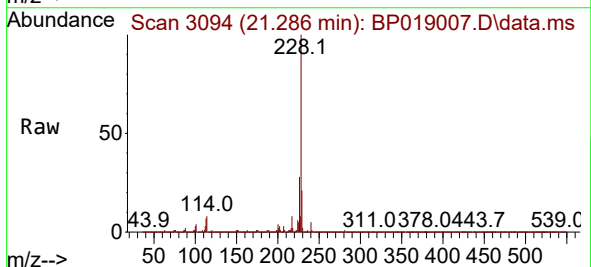
Tgt Ion:228 Resp: 3145436

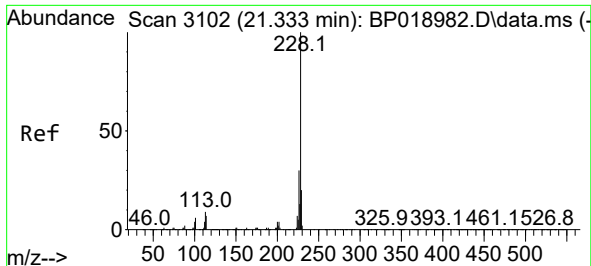
Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

226 27.7 21.9 32.9

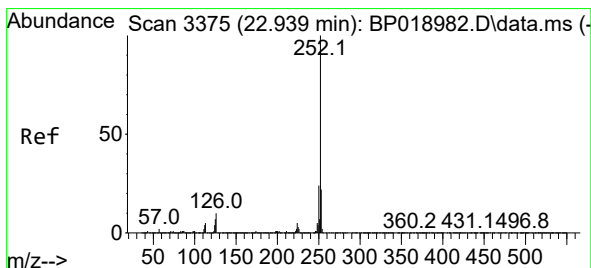
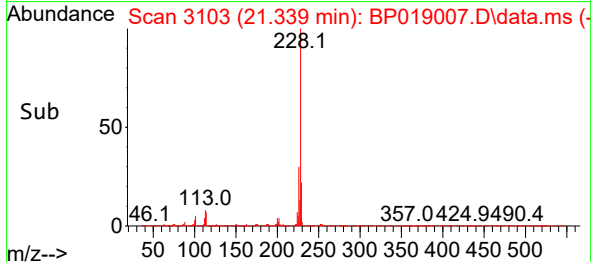
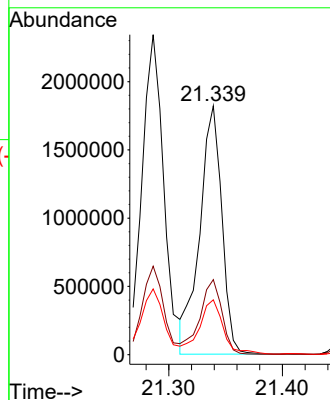
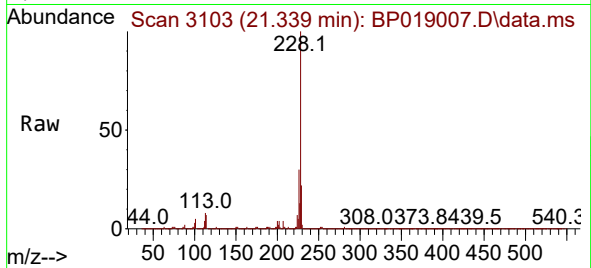




#87
Chrysene
Concen: 41.058 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

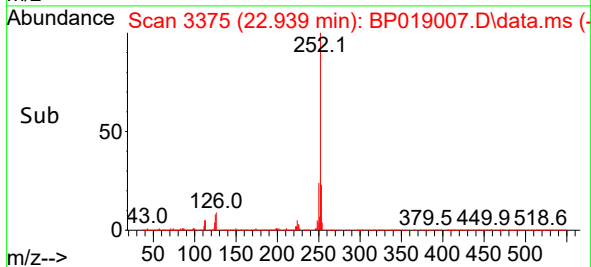
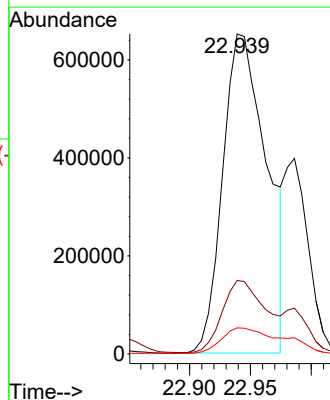
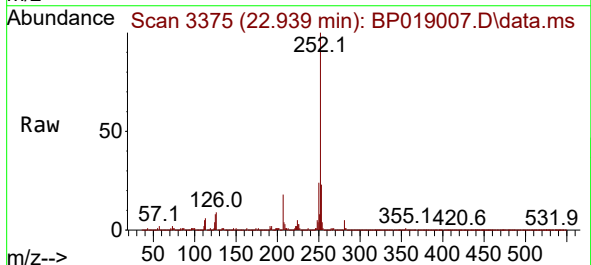
Instrument :
BNA_P
ClientSampleId :
DCLF6ME

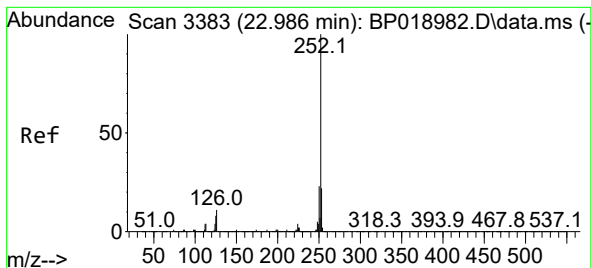
Tgt Ion:228 Resp: 2458789
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 22.1 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 22.828 ng/ul
RT: 22.939 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BP019007.D
Acq: 21 Dec 2023 19:39

Tgt Ion:252 Resp: 1636811
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 8.2 7.8 11.6





#91

Benzo(k)fluoranthene

Concen: 7.517 ng/ul

RT: 22.986 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

DCLF6ME

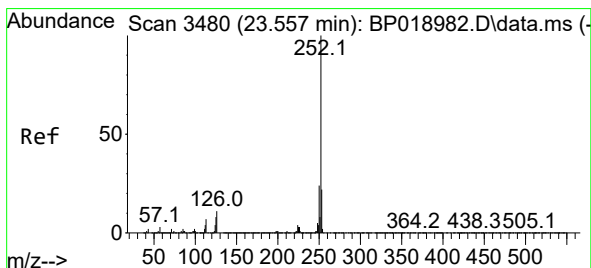
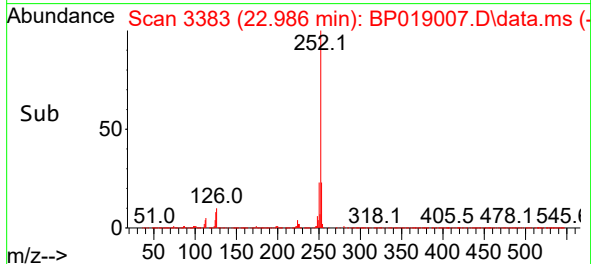
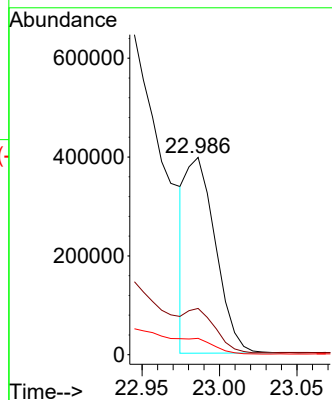
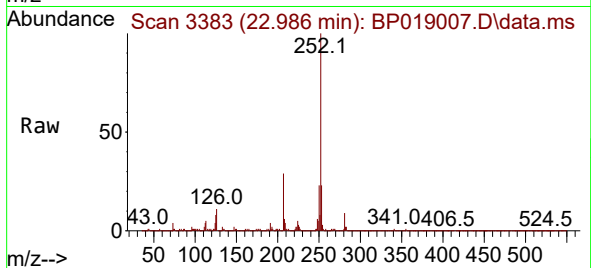
Tgt Ion:252 Resp: 521532

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 8.2 8.0 12.0



#93

Benzo(a)pyrene

Concen: 4.122 ng/ul

RT: 23.551 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

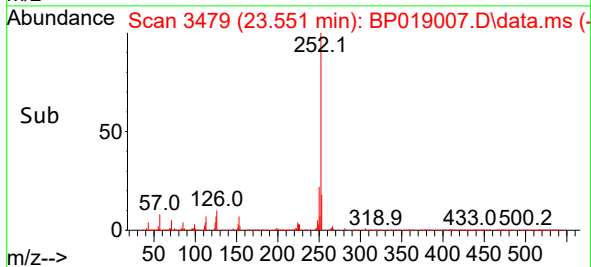
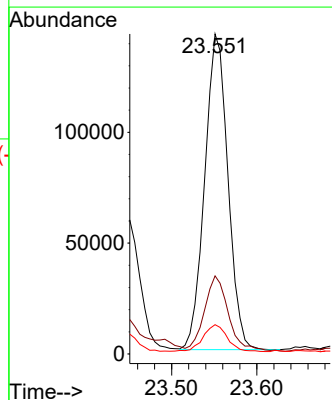
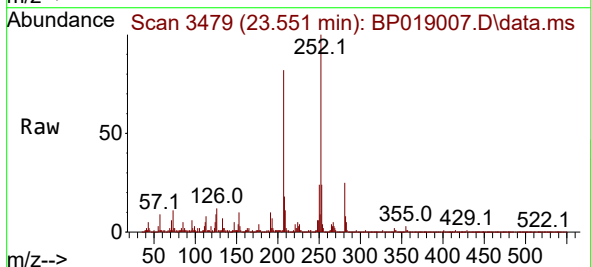
Tgt Ion:252 Resp: 270079

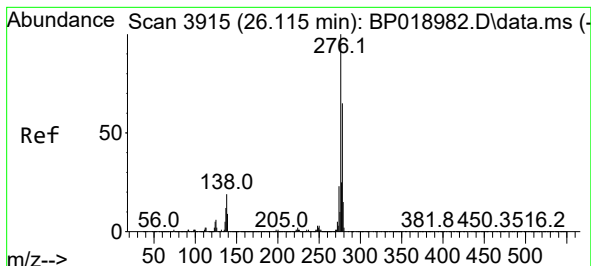
Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.8

125 9.1 9.2 13.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.772 ng/ul

RT: 26.098 min Scan# 3915

Delta R.T. -0.018 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Instrument :

BNA_P

ClientSampleId :

DCLF6ME

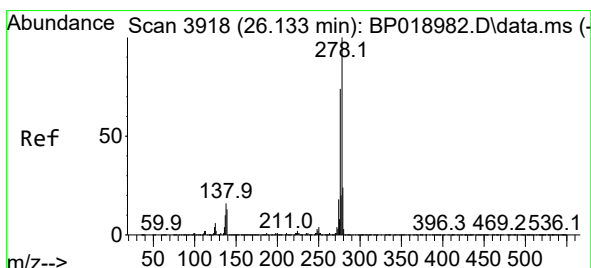
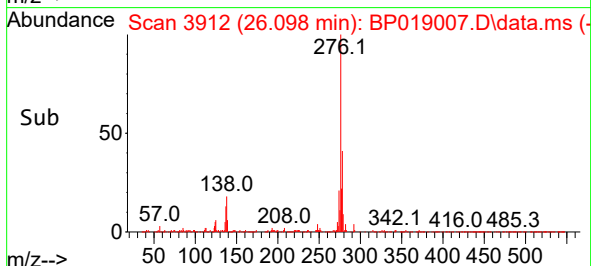
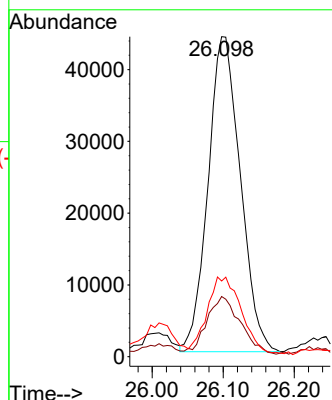
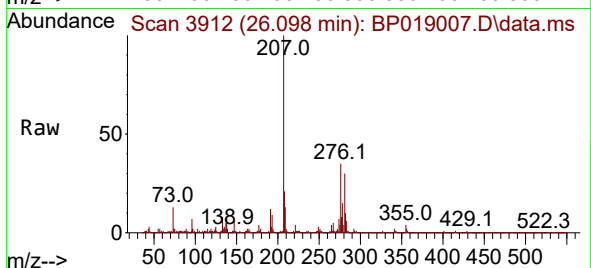
Tgt Ion:276 Resp: 138747

Ion Ratio Lower Upper

276 100

138 18.8 19.4 29.2#

277 23.6 19.8 29.6



#95

Dibenzo(a,h)anthracene

Concen: 1.222 ng/ul

RT: 26.121 min Scan# 3916

Delta R.T. -0.012 min

Lab File: BP019007.D

Acq: 21 Dec 2023 19:39

Tgt Ion:278 Resp: 79579

Ion Ratio Lower Upper

278 100

139 16.7 13.0 19.6

279 27.0 18.7 28.1

