

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012219.D
 Acq On : 20 Oct 2022 18:15
 Operator : CG/JU
 Sample : N4755-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 20 23:24:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	526119	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	2256965	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1351877	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2464315	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	1644073	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1839004	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	69393	5.338	ng/uL	0.00
4) Pyridine-d5	3.687	84	265165	7.079	ng/ul	0.00
7) Phenol-d5	6.993	99	1409555	31.033	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	856235	31.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	1092402	31.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	1128262	31.961	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	538624	32.241	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	601822	33.389	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	1097158	32.451	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	1139381	23.719	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	3207538	34.109	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	3620931	33.733	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	394560	22.396	ng/ul	0.00
60) Fluorene-d10	15.475	176	2728390	33.725	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	338430	24.140	ng/ul	0.00
73) Anthracene-d10	17.333	188	3796054	35.143	ng/ul	0.00
81) Pyrene-d10	19.574	212	3420274	36.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	3196018	34.655	ng/ul	0.00
Target Compounds						
8) Phenol	7.022	94	64295	1.353	ng/ul#	89
16) Acetophenone	8.657	105	62967	1.155	ng/ul	99
30) Naphthalene	10.681	128	380718	3.154	ng/ul	99
36) 2-Methylnaphthalene	12.293	142	115252	1.403	ng/ul	99
50) Acenaphthylene	14.198	152	450092	3.763	ng/ul	100
52) Acenaphthene	14.539	153	157868	1.866	ng/ul	98
56) Dibenzofuran	14.875	168	298562	2.578	ng/ul	98
61) Fluorene	15.528	166	128763	1.404	ng/ul	99
71) Pentachlorophenol	16.886	266	68680	3.699	ng/ul	99
72) Phenanthrene	17.275	178	1602447	12.099	ng/ul	99
74) Anthracene	17.369	178	3050609	23.279	ng/ul	100
77) Carbazole	17.645	167	374330	3.237	ng/ul	99
80) Fluoranthene	19.251	202	4216303	36.452	ng/ul	99
82) Pyrene	19.604	202	3798454	32.098	ng/ul	98
85) Benzo(a)anthracene	21.316	228	1636524	15.273	ng/ul	97
87) Chrysene	21.369	228	2323225	23.235	ng/ul	98
90) Benzo(b)fluoranthene	23.010	252	4768268	38.906	ng/ul	98
91) Benzo(k)fluoranthene	23.010	252	4768268	39.470	ng/ul	99
93) Benzo(a)pyrene	23.633	252	2084089	19.886	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.239	276	2573978	21.216	ng/ul	95
95) Dibenzo(a,h)anthracene	26.245	278	610136	5.578	ng/ul#	79
96) Benzo(g,h,i)perylene	27.009	276	2129657	18.695	ng/ul	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012219.D
Acq On : 20 Oct 2022 18:15
Operator : CG/JU
Sample : N4755-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 20 23:24:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

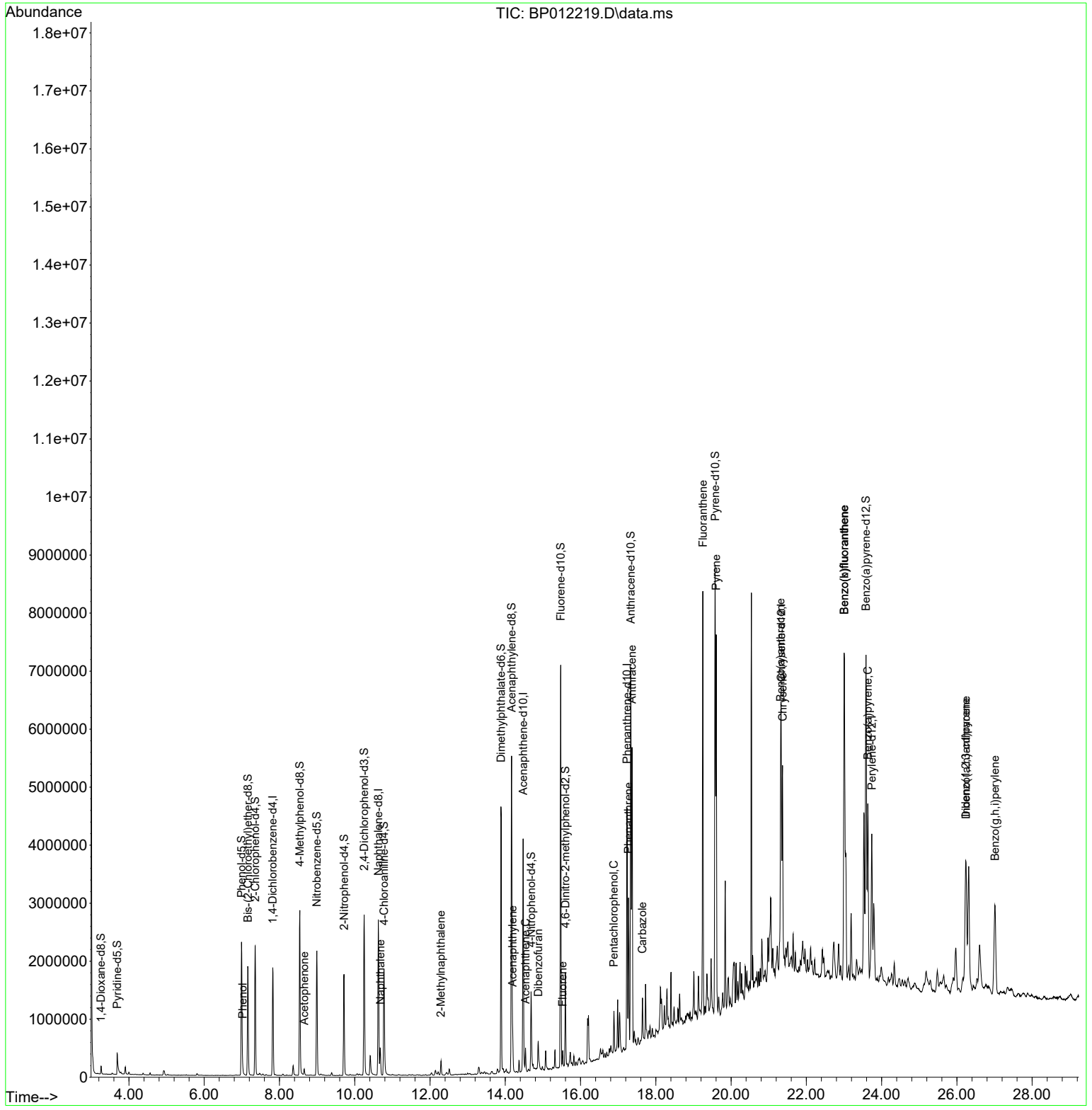
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

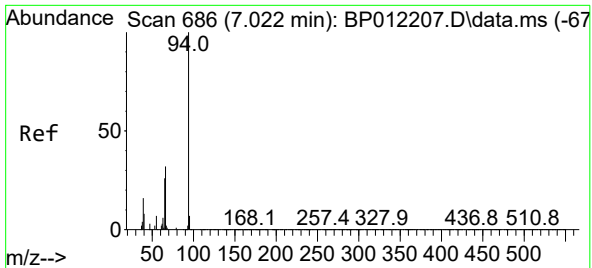
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012219.D
 Acq On : 20 Oct 2022 18:15
 Operator : CG/JU
 Sample : N4755-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 20 23:24:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration



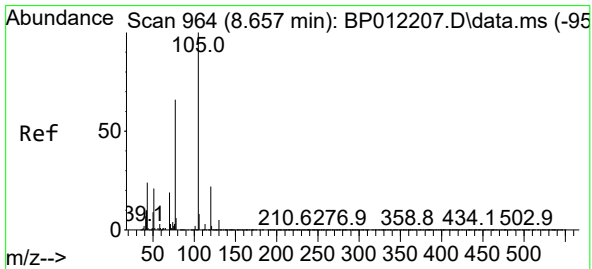
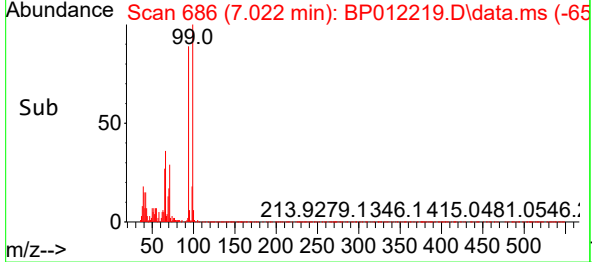
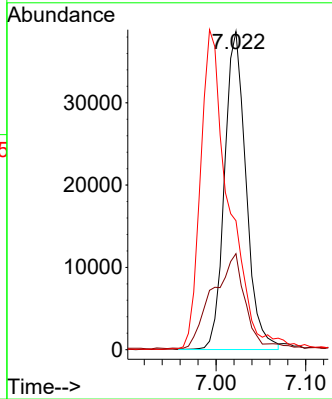
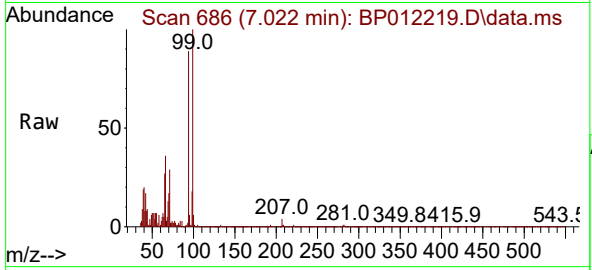


#8
 Phenol
 Concen: 1.353 ng/u1
 RT: 7.022 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Instrument : BNA_P
 ClientSampleId :

Tgt Ion: 94 Resp: 64295

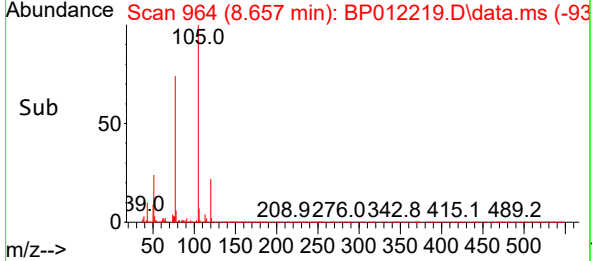
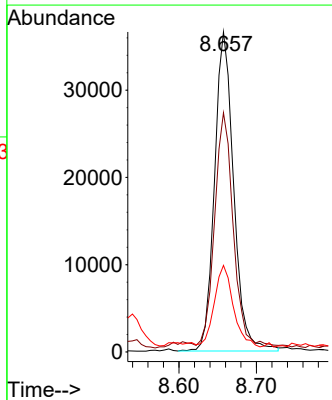
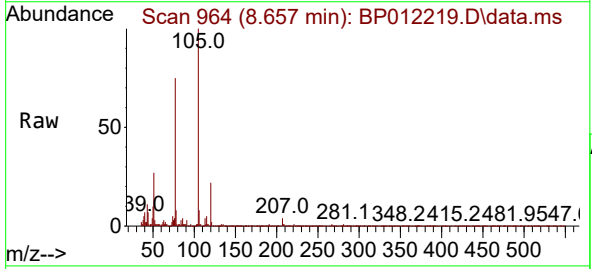
Ion	Ratio	Lower	Upper
94	100		
65	30.2	20.6	31.0
66	40.6	26.2	39.4

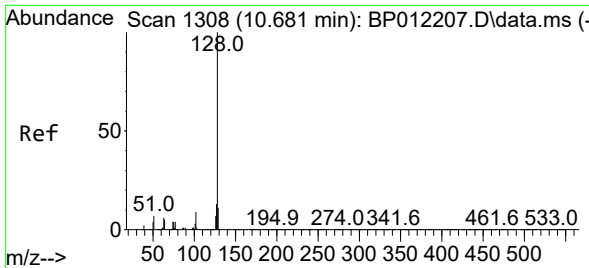


#16
 Acetophenone
 Concen: 1.155 ng/u1
 RT: 8.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Tgt Ion: 105 Resp: 62967

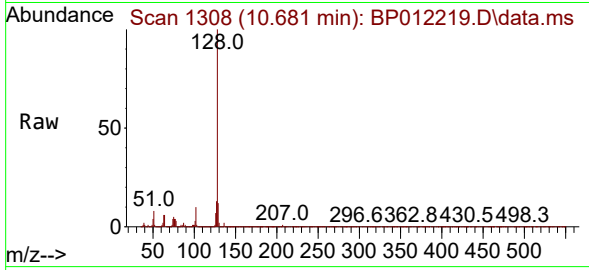
Ion	Ratio	Lower	Upper
105	100		
77	74.8	60.0	90.0
51	27.1	20.1	30.1



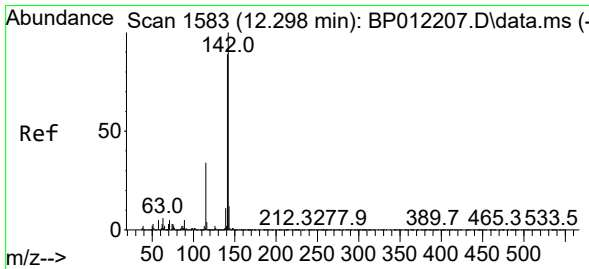
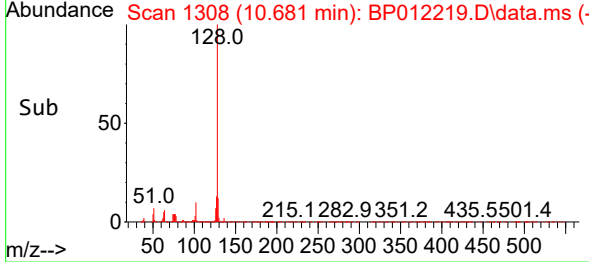
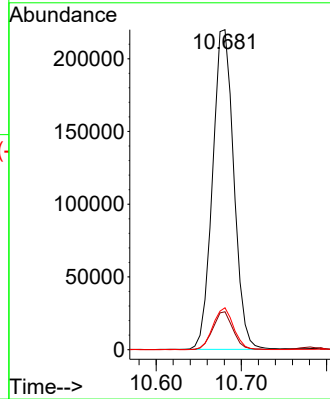


#30
 Naphthalene
 Concen: 3.154 ng/u1
 RT: 10.681 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Instrument :
 BNA_P
 ClientSampleId :

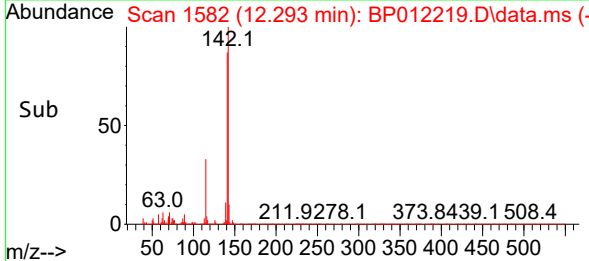
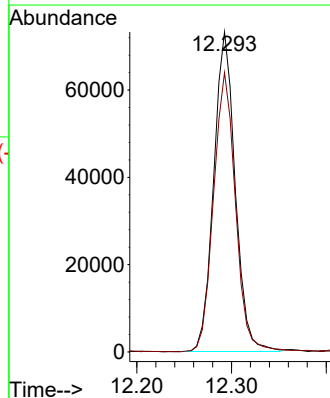
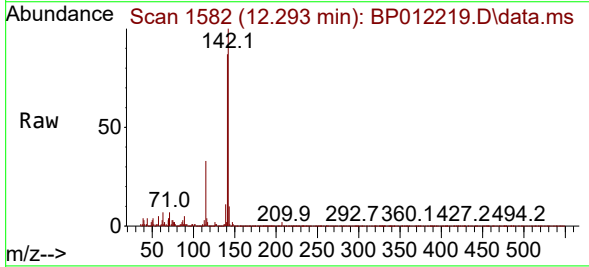


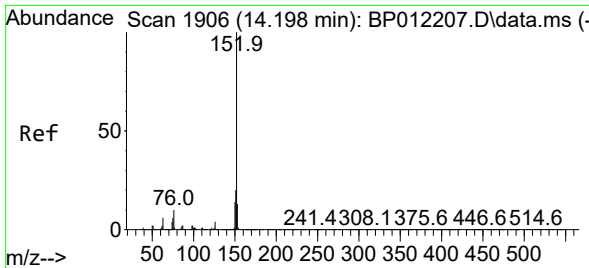
Tgt Ion:128 Resp: 380718
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.8 13.2
 127 13.1 10.2 15.4



#36
 2-Methylnaphthalene
 Concen: 1.403 ng/u1
 RT: 12.293 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

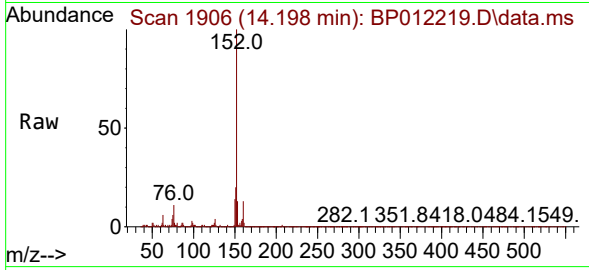
Tgt Ion:142 Resp: 115252
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.3 105.5





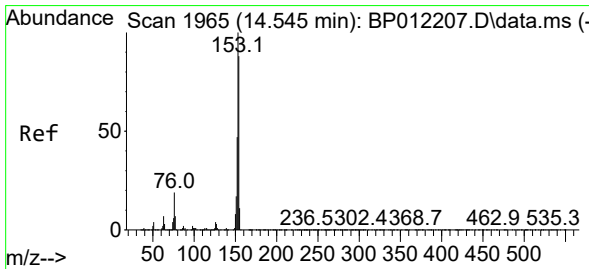
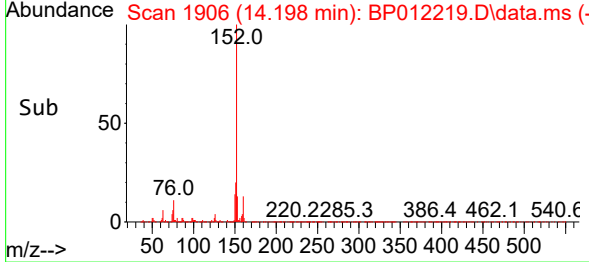
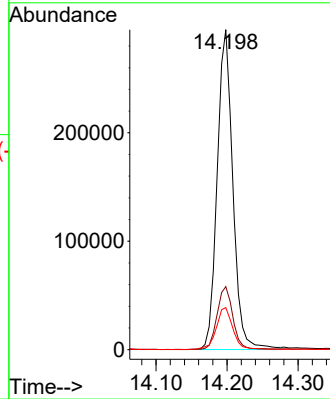
#50
 Acenaphthylene
 Concen: 3.763 ng/ul
 RT: 14.198 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Instrument : BNA_P
 ClientSampleId :



Tgt Ion:152 Resp: 450092

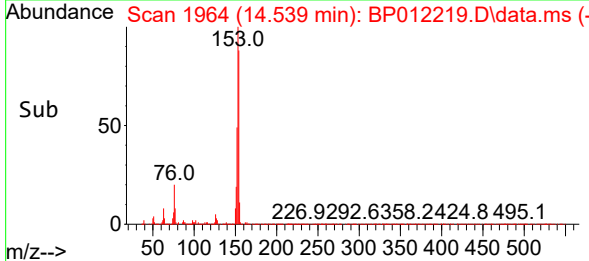
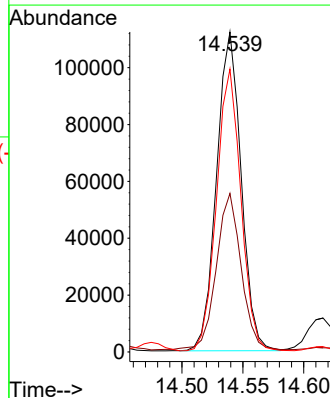
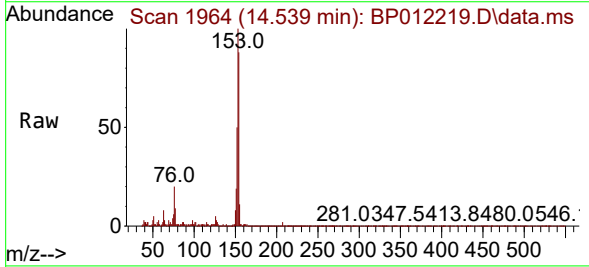
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.1	10.6	16.0

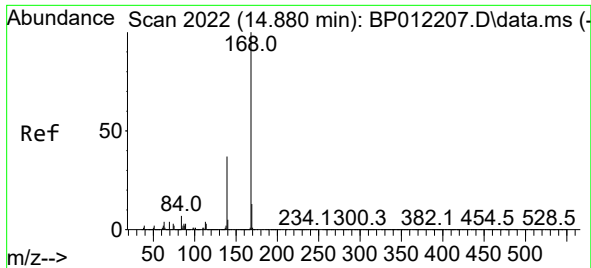


#52
 Acenaphthene
 Concen: 1.866 ng/ul
 RT: 14.539 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Tgt Ion:153 Resp: 157868

Ion	Ratio	Lower	Upper
153	100		
152	49.6	38.1	57.1
154	88.4	71.4	107.2

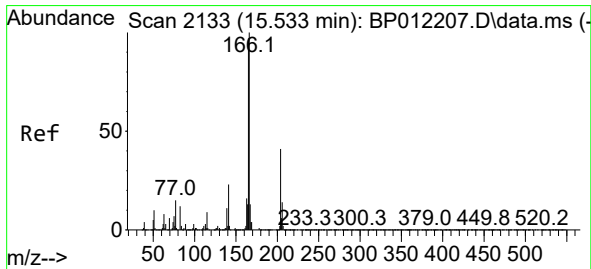
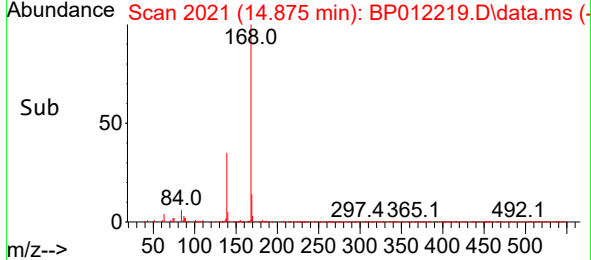
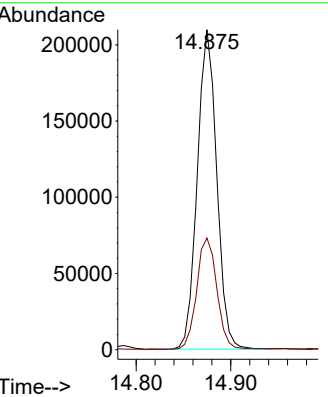
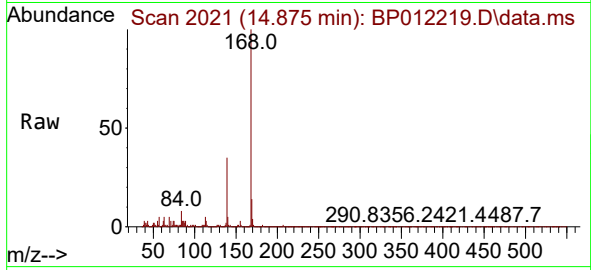




#56
 Dibenzofuran
 Concen: 2.578 ng/u1
 RT: 14.875 min Scan# 2021
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

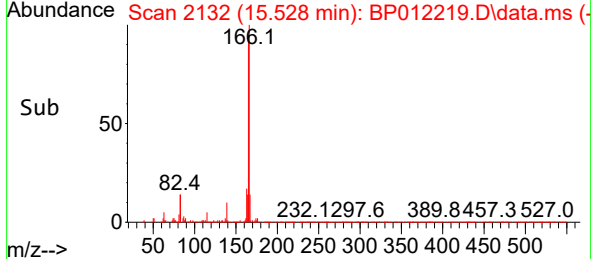
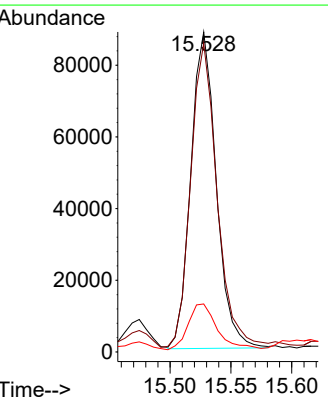
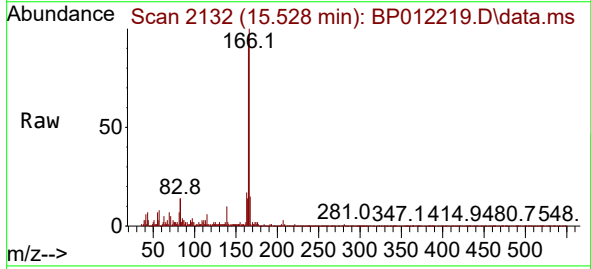
Instrument : BNA_P
 ClientSampleId :

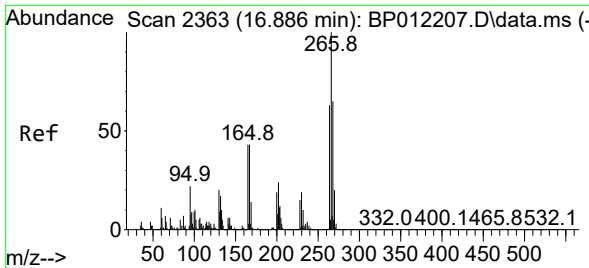
Tgt Ion:168 Resp: 298562
 Ion Ratio Lower Upper
 168 100
 139 34.9 29.0 43.4



#61
 Fluorene
 Concen: 1.404 ng/u1
 RT: 15.528 min Scan# 2132
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

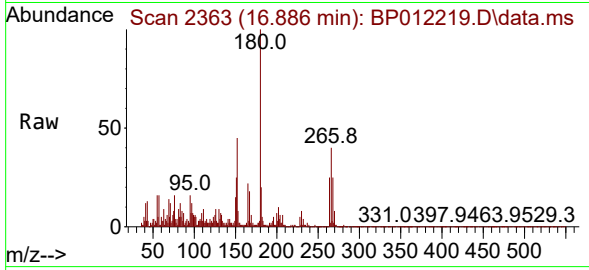
Tgt Ion:166 Resp: 128763
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.0 117.0
 167 15.0 10.7 16.1





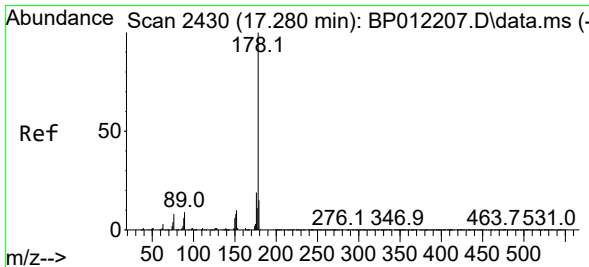
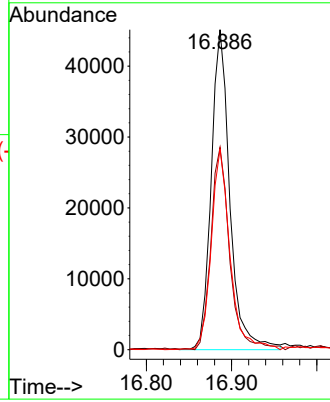
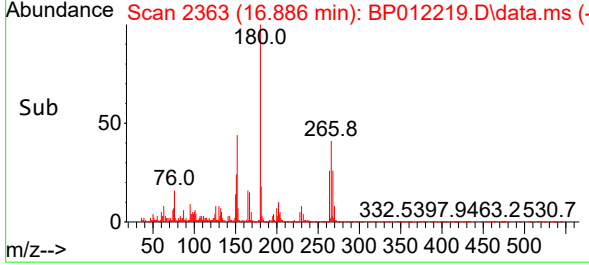
#71
 Pentachlorophenol
 Concen: 3.699 ng/ul
 RT: 16.886 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Instrument :
 BNA_P
 ClientSampleId :

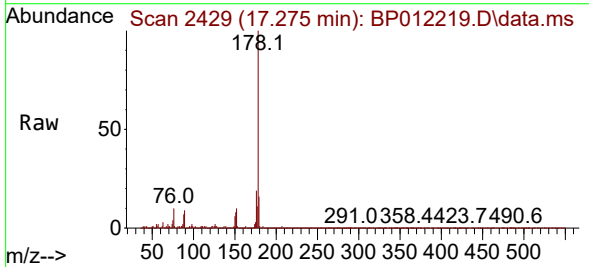


Tgt Ion: 266 Resp: 68680

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.1	75.1
268	62.7	50.6	76.0

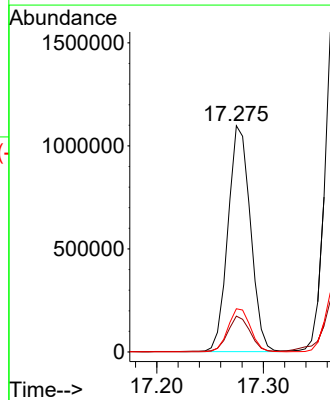
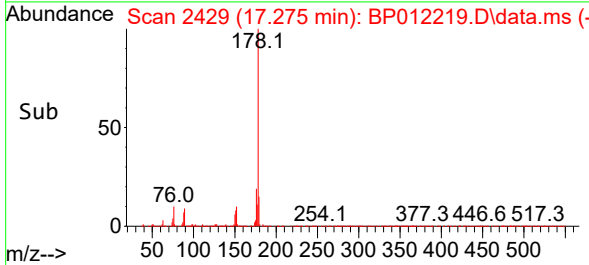


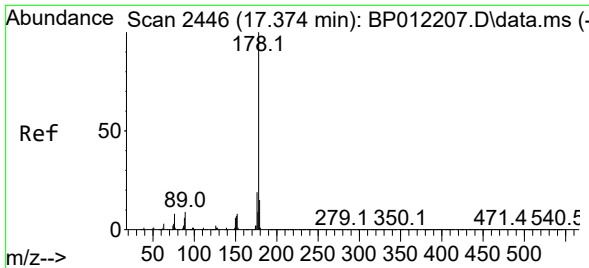
#72
 Phenanthrene
 Concen: 12.099 ng/ul
 RT: 17.275 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15



Tgt Ion: 178 Resp: 1602447

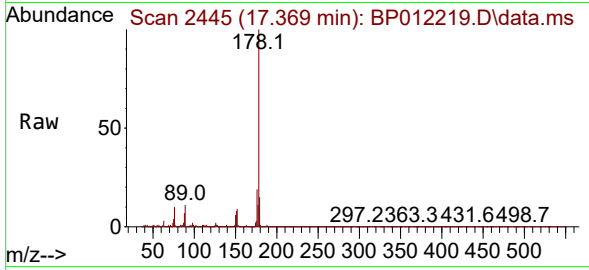
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.1	15.6	23.4



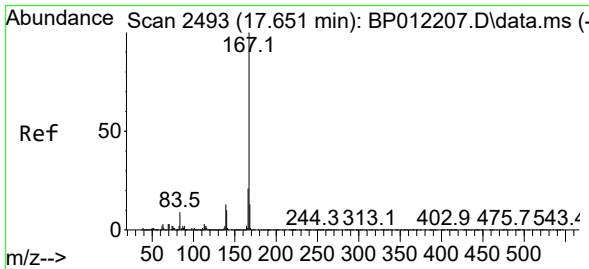
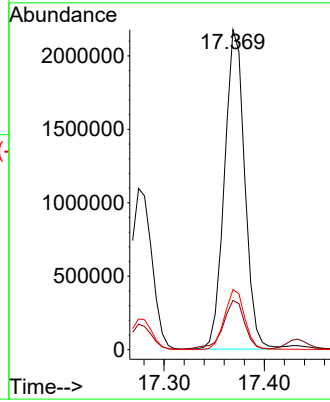
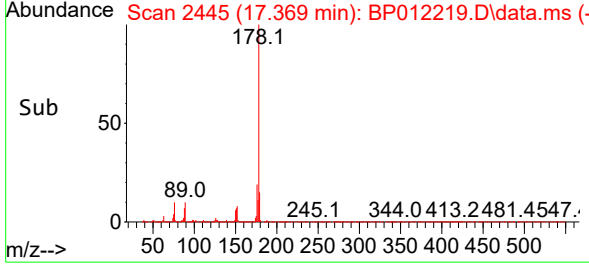


#74
 Anthracene
 Concen: 23.279 ng/uI
 RT: 17.369 min Scan# 2445
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

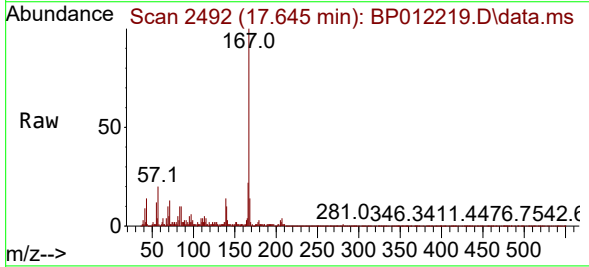
Instrument :
 BNA_P
 ClientSampleId :



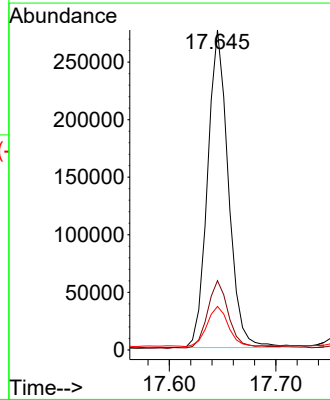
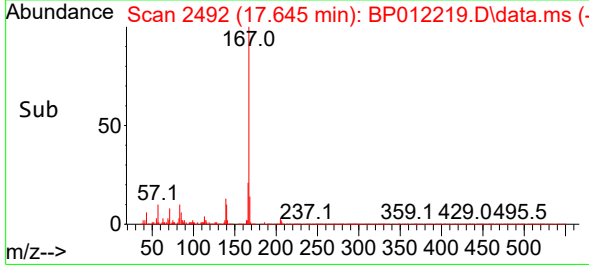
Tgt Ion:178 Resp: 3050609
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 18.8 15.0 22.4

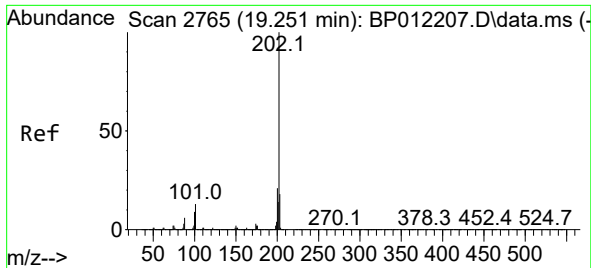


#77
 Carbazole
 Concen: 3.237 ng/uI
 RT: 17.645 min Scan# 2492
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15



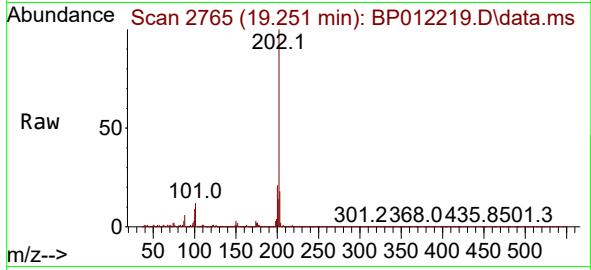
Tgt Ion:167 Resp: 374330
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.6 10.2 15.4



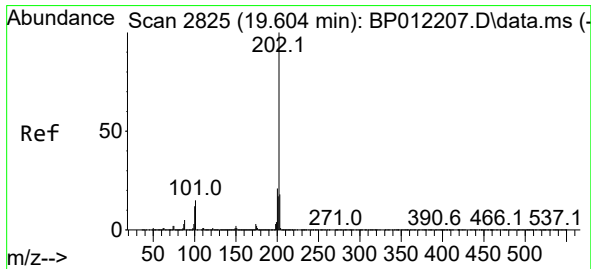
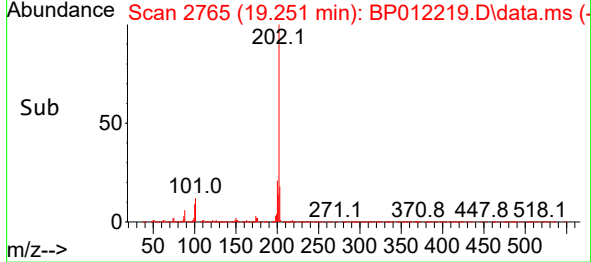
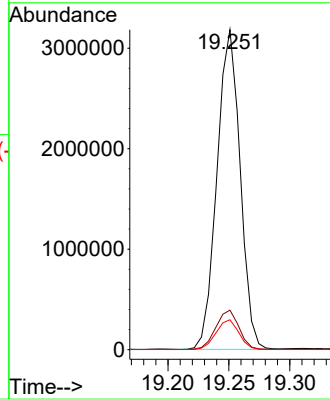


#80
 Fluoranthene
 Concen: 36.452 ng/u1
 RT: 19.251 min Scan# 2765
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Instrument :
 BNA_P
 ClientSampleId :

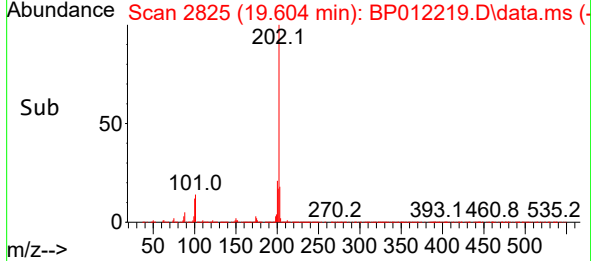
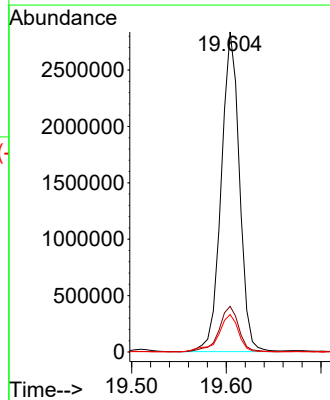
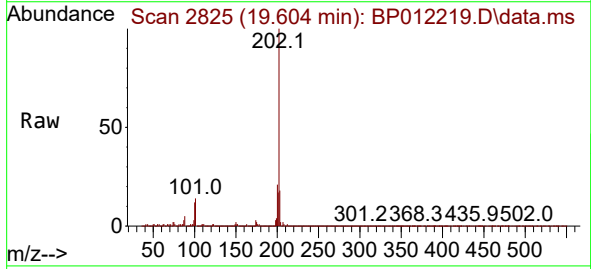


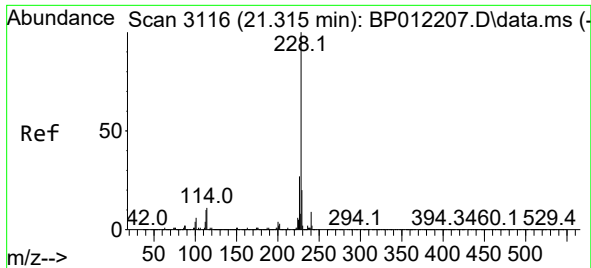
Tgt Ion:202 Resp: 4216303
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.4 15.6
 100 9.3 7.7 11.5



#82
 Pyrene
 Concen: 32.098 ng/u1
 RT: 19.604 min Scan# 2825
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Tgt Ion:202 Resp: 3798454
 Ion Ratio Lower Upper
 202 100
 101 14.3 12.3 18.5
 100 11.7 10.0 15.0

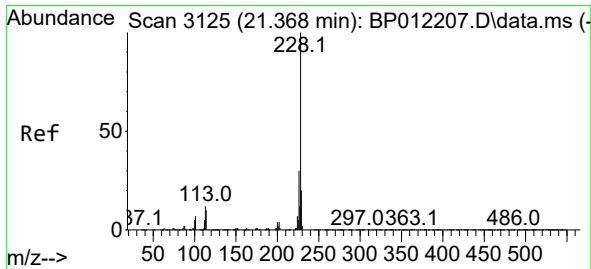
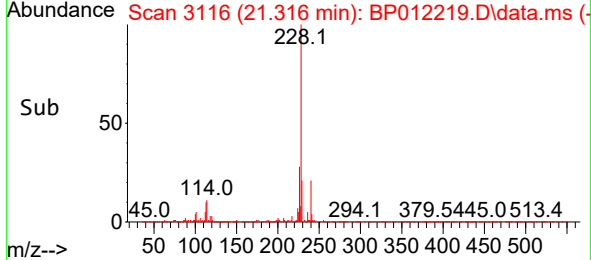
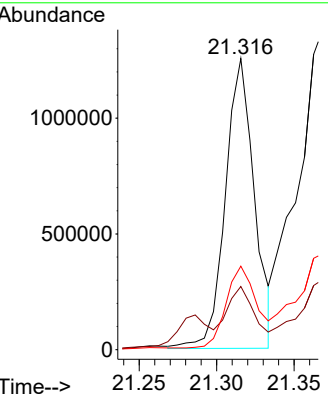
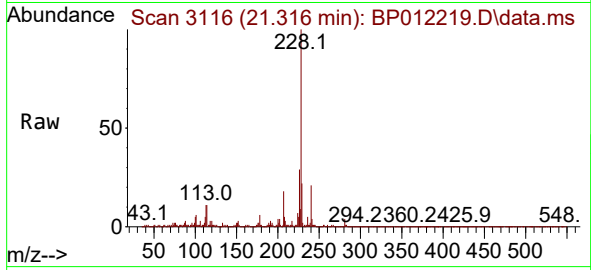




#85
 Benzo(a)anthracene
 Concen: 15.273 ng/u1
 RT: 21.316 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

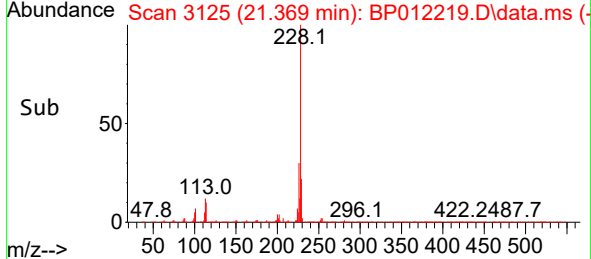
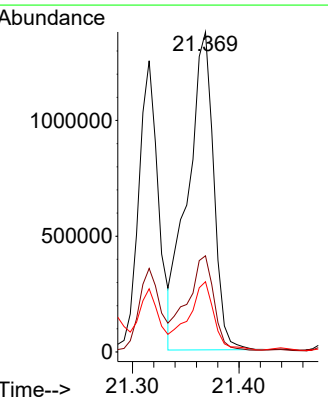
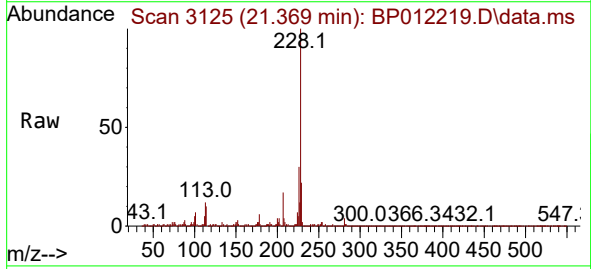
Instrument :
 BNA_P
 ClientSampleId :

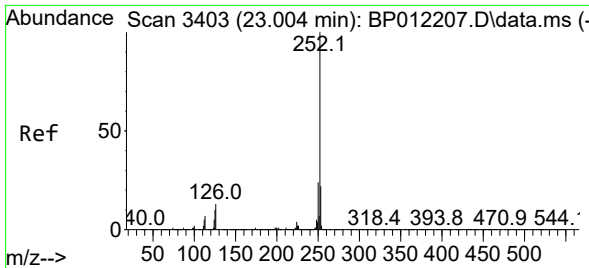
Tgt Ion:228 Resp: 1636524
 Ion Ratio Lower Upper
 228 100
 229 21.7 16.1 24.1
 226 28.7 21.9 32.9



#87
 Chrysene
 Concen: 23.235 ng/u1
 RT: 21.369 min Scan# 3125
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Tgt Ion:228 Resp: 2323225
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.4
 229 21.9 15.8 23.8

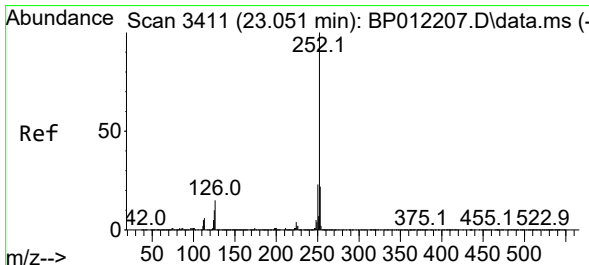
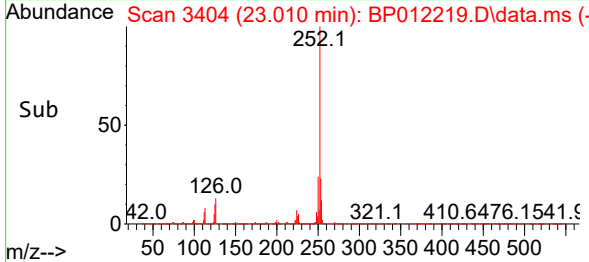
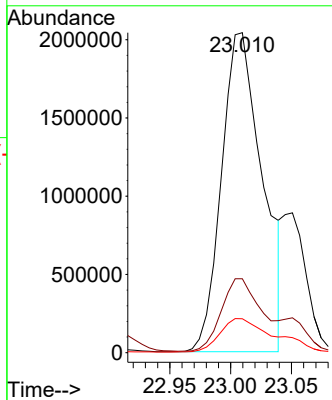
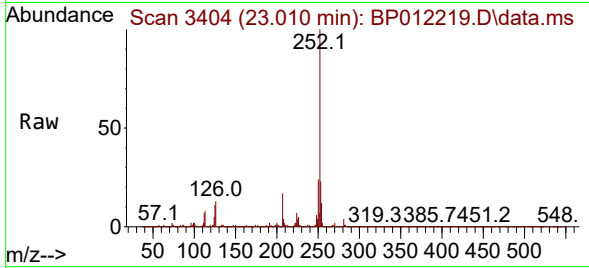




#90
 Benzo(b)fluoranthene
 Concen: 38.906 ng/ul
 RT: 23.010 min Scan# 3404
 Delta R.T. 0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

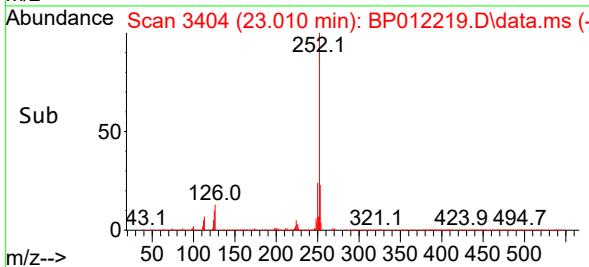
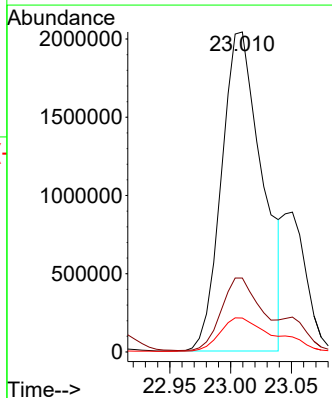
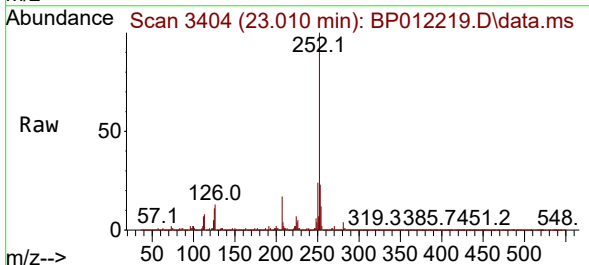
Instrument :
 BNA_P
 ClientSampleId :

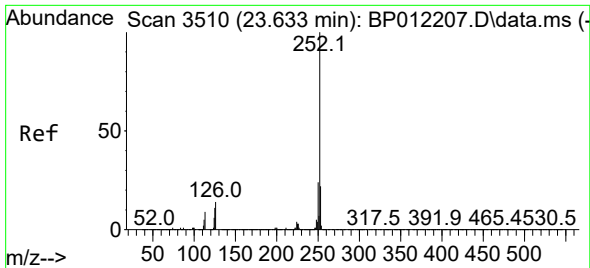
Tgt Ion:252 Resp: 4768268
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.5 26.3
 125 10.6 8.5 12.7



#91
 Benzo(k)fluoranthene
 Concen: 39.470 ng/ul
 RT: 23.010 min Scan# 3404
 Delta R.T. -0.041 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

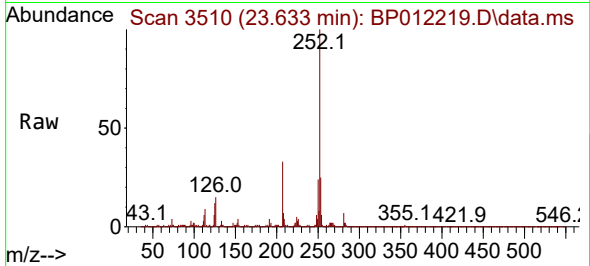
Tgt Ion:252 Resp: 4768268
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.9 26.9
 125 10.6 8.6 13.0



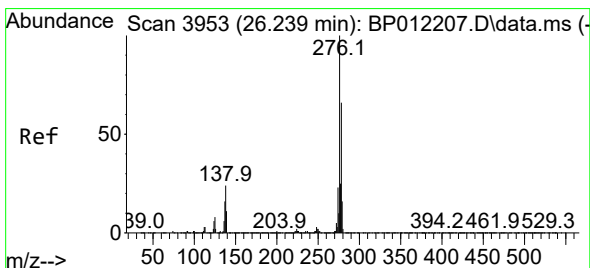
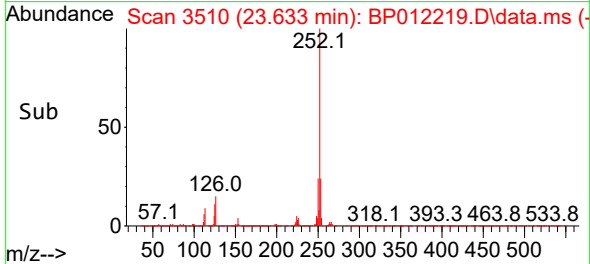
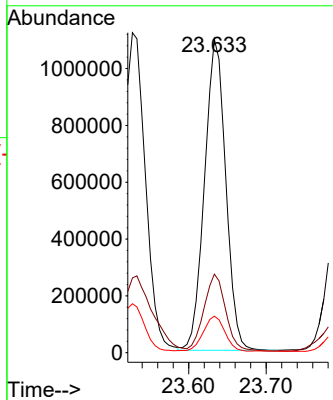


#93
 Benzo(a)pyrene
 Concen: 19.886 ng/u1
 RT: 23.633 min Scan# 3510
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Instrument :
 BNA_P
 ClientSampleId :

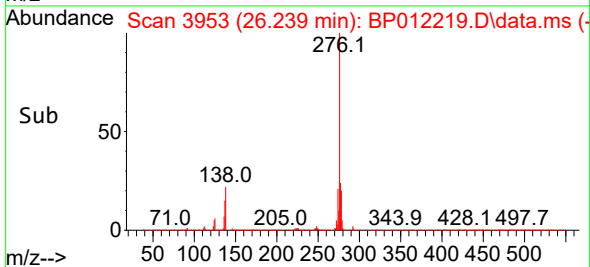
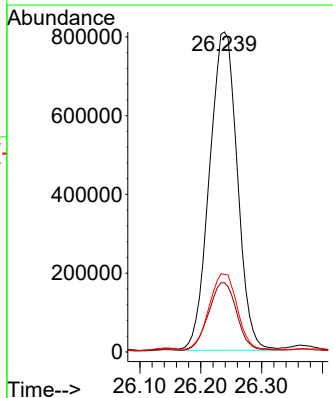
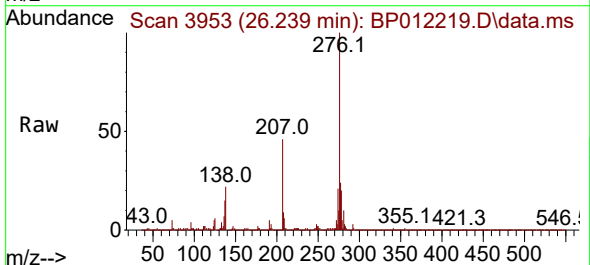


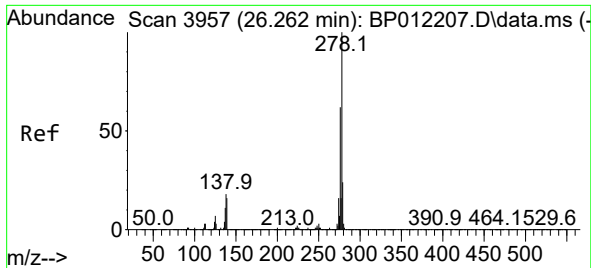
Tgt Ion:252 Resp: 2084089
 Ion Ratio Lower Upper
 252 100
 253 25.1 17.8 26.6
 125 11.6 9.7 14.5



#94
 Indeno(1,2,3-cd)pyrene
 Concen: 21.216 ng/u1
 RT: 26.239 min Scan# 3953
 Delta R.T. -0.006 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

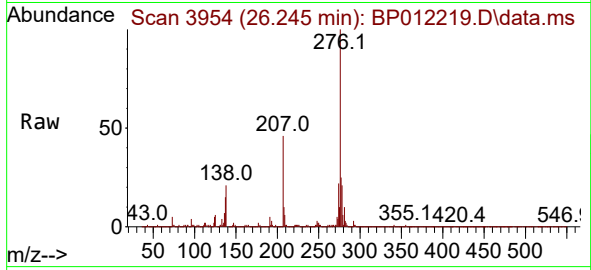
Tgt Ion:276 Resp: 2573978
 Ion Ratio Lower Upper
 276 100
 138 21.6 20.3 30.5
 277 24.3 20.2 30.4



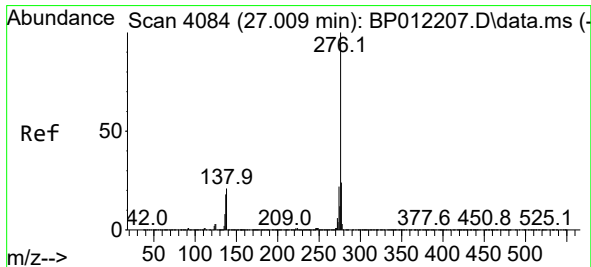
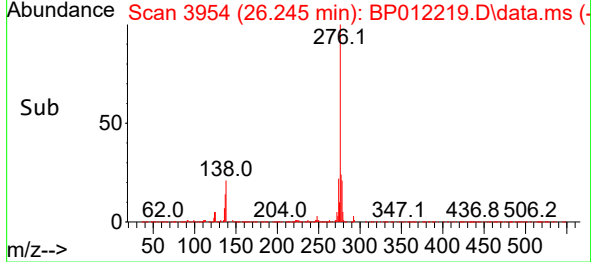
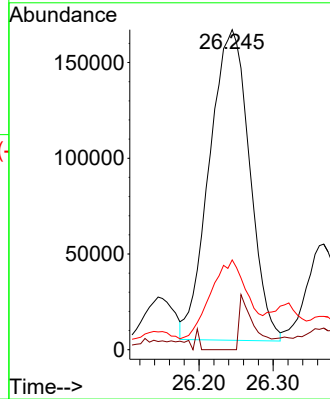


#95
 Dibenzo(a,h)anthracene
 Concen: 5.578 ng/ul
 RT: 26.245 min Scan# 3957
 Delta R.T. -0.018 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Instrument : BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 610136
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.9 19.3#
 279 28.1 19.0 28.4



#96
 Benzo(g,h,i)perylene
 Concen: 18.695 ng/ul
 RT: 27.009 min Scan# 4084
 Delta R.T. 0.000 min
 Lab File: BP012219.D
 Acq: 20 Oct 2022 18:15

Tgt Ion:276 Resp: 2129657
 Ion Ratio Lower Upper
 276 100
 138 22.1 17.9 26.9
 277 23.7 18.9 28.3

