

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011455.D
 Acq On : 17 Aug 2022 10:47
 Operator : CG/JU
 Sample : N4173-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 17 23:24:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

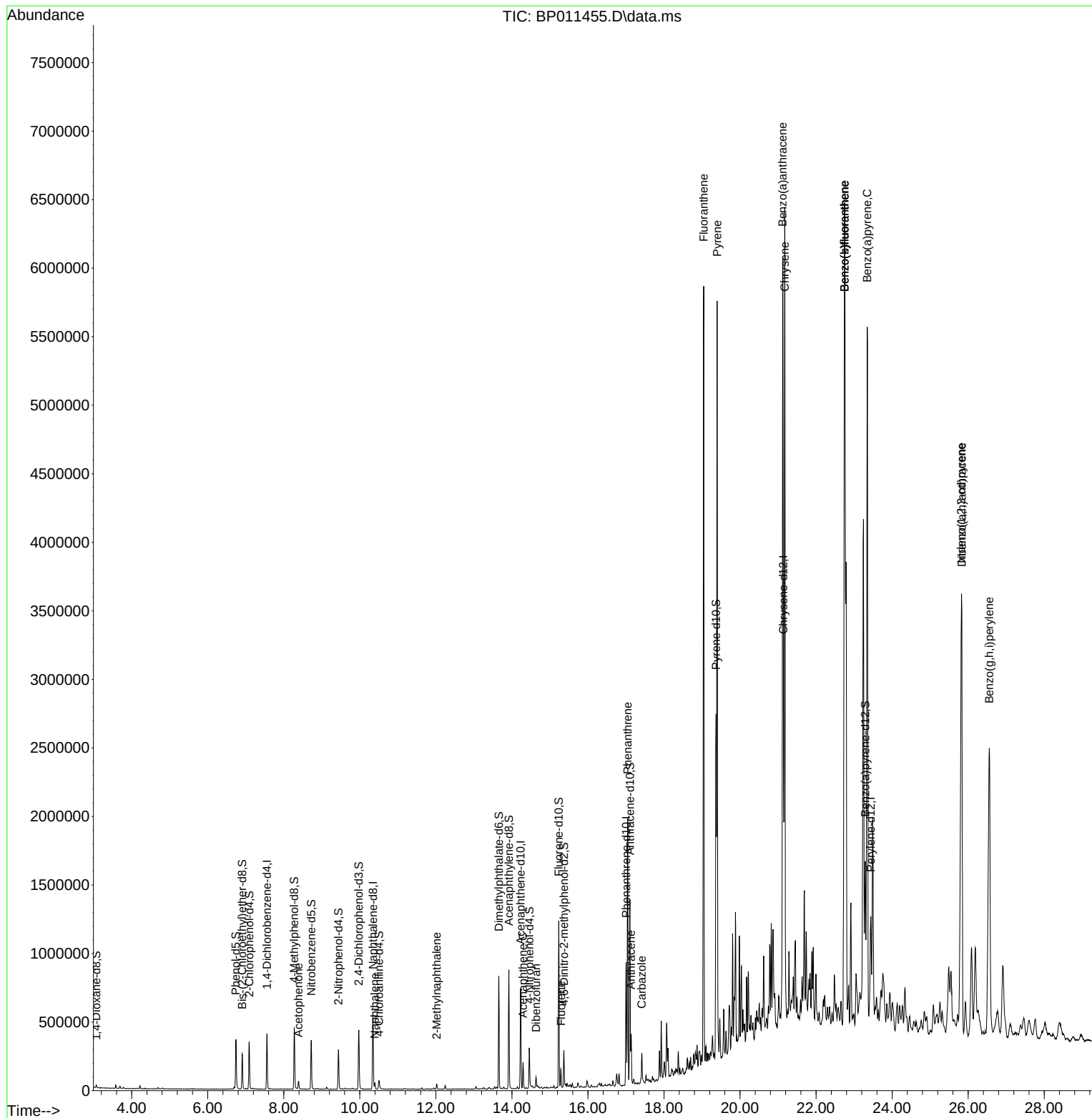
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	85731	20.000	ng/u1	0.00
20) Naphthalene-d8	10.345	136	379262	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.227	164	216409	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	456610	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	488950	20.000	ng/u1	0.00
88) Perylene-d12	23.439	264	497505	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	7656	2.771	ng/uL	0.00
4) Pyridine-d5	3.475	84	120	0.017	ng/u1	0.00
7) Phenol-d5	6.740	99	168058	21.332	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.904	67	109871	21.466	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	129036	22.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	142890	22.660	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	64440	23.601	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	65399	23.535	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	125469	24.461	ng/u1	0.00
31) 4-Chloroaniline-d4	10.504	131	33746	3.952	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	436096	28.491	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	469108	27.575	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	55947	18.971	ng/u1	0.00
60) Fluorene-d10	15.233	176	377143	29.288	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	38293	15.520	ng/u1	0.00
73) Anthracene-d10	17.104	188	626355	30.973	ng/u1	0.00
81) Pyrene-d10	19.368	212	766444	30.982	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.292	264	756349	31.253	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.387	105	26855	2.560	ng/u1	97
30) Naphthalene	10.392	128	31954	1.596	ng/u1	99
36) 2-Methylnaphthalene	12.022	142	15549	1.193	ng/u1	96
52) Acenaphthene	14.292	153	66723	4.929	ng/u1	100
56) Dibenzofuran	14.633	168	36889	1.976	ng/u1	93
61) Fluorene	15.292	166	48973	3.207	ng/u1	98
72) Phenanthrene	17.045	178	978582	39.595	ng/u1	99
74) Anthracene	17.133	178	196086	7.864	ng/u1	99
77) Carbazole	17.416	167	120475	5.137	ng/u1	99
80) Fluoranthene	19.045	202	2940452	96.654	ng/u1	97
82) Pyrene	19.398	202	2830373	88.543	ng/u1	98
85) Benzo(a)anthracene	21.121	228	2454595	82.398	ng/u1	99
87) Chrysene	21.174	228	2764077	94.456	ng/u1	97
90) Benzo(b)fluoranthene	22.751	252	5298016	171.197	ng/u1	99
91) Benzo(k)fluoranthene	22.751	252	5298016	179.396	ng/u1	99
93) Benzo(a)pyrene	23.345	252	3386461	112.083	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.821	276	2993169	88.818	ng/u1	98
95) Dibenzo(a,h)anthracene	25.833	278	817501	28.173	ng/u1	98
96) Benzo(g,h,i)perylene	26.556	276	2558601	89.255	ng/u1	98

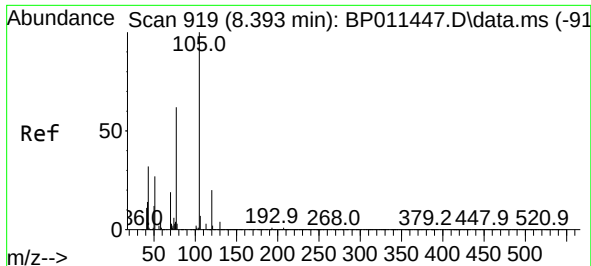
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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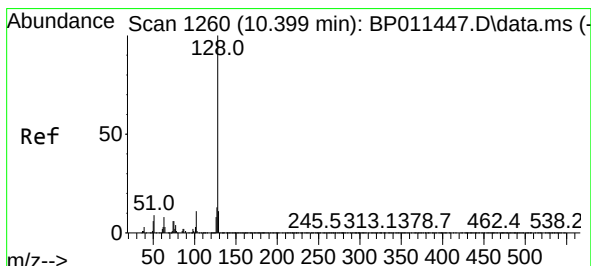
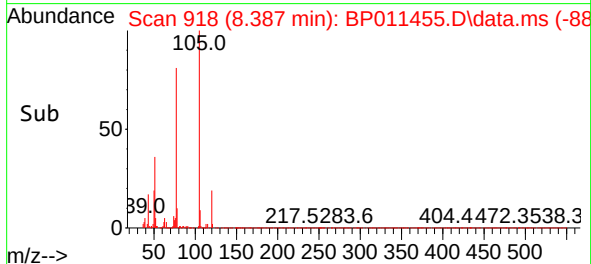
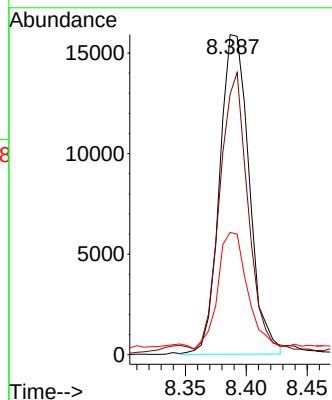
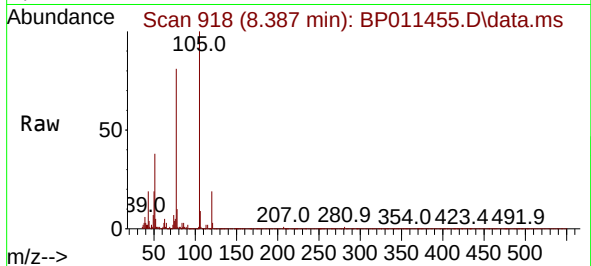




#16
Acetophenone
Concen: 2.560 ng/ul
RT: 8.387 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

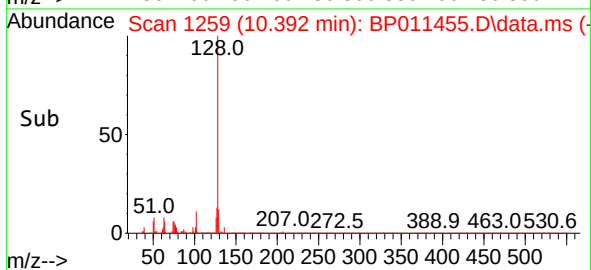
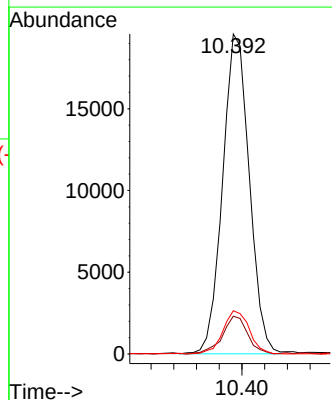
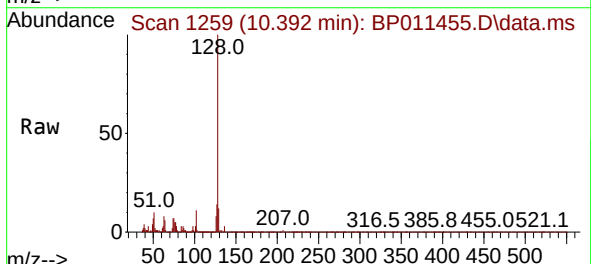
Instrument :
BNA_P
ClientSampleId :

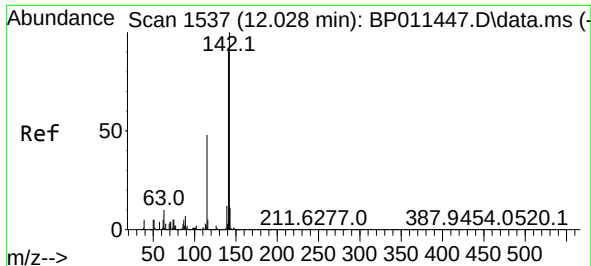
Tgt Ion:105 Resp: 26855
Ion Ratio Lower Upper
105 100
77 81.5 66.4 99.6
51 38.2 28.2 42.4



#30
Naphthalene
Concen: 1.596 ng/ul
RT: 10.392 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

Tgt Ion:128 Resp: 31954
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.5 10.3 15.5

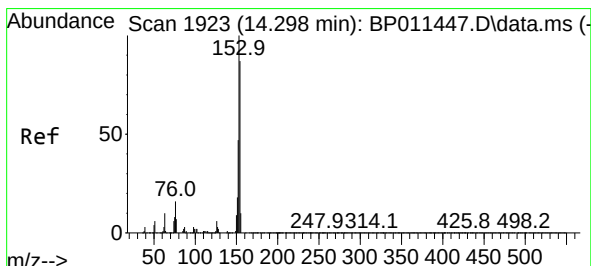
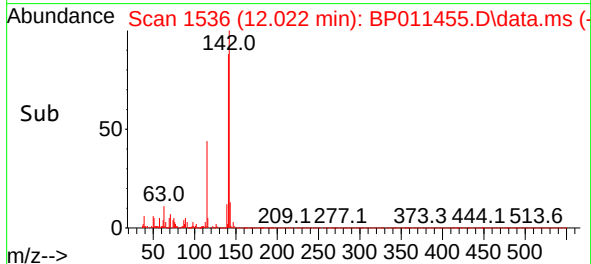
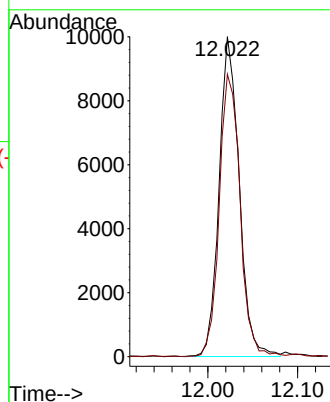
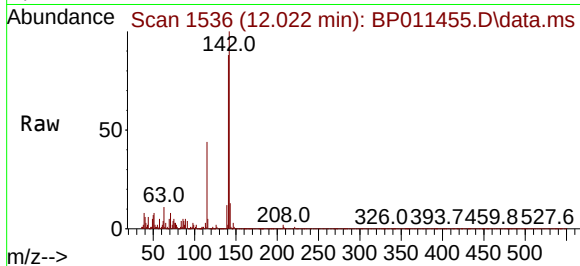




#36
2-Methylnaphthalene
Concen: 1.193 ng/ul
RT: 12.022 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

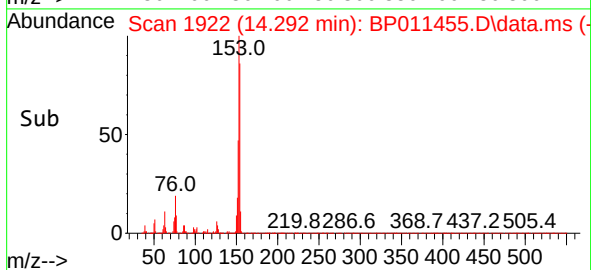
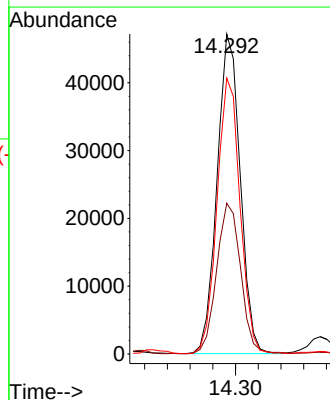
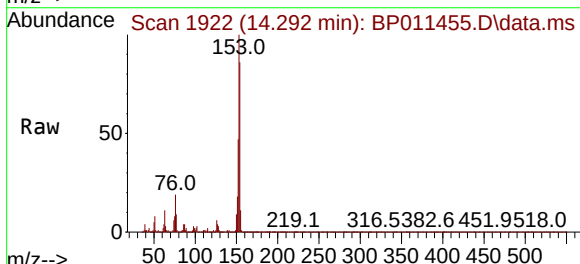
Instrument :
BNA_P
ClientSampleId :

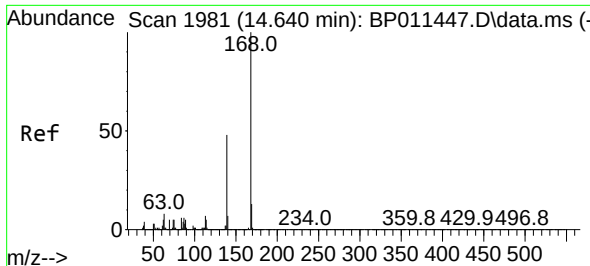
Tgt Ion:142 Resp: 15549
Ion Ratio Lower Upper
142 100
141 88.2 73.4 110.0



#52
Acenaphthene
Concen: 4.929 ng/ul
RT: 14.292 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

Tgt Ion:153 Resp: 66723
Ion Ratio Lower Upper
153 100
152 47.1 37.7 56.5
154 86.2 69.4 104.0

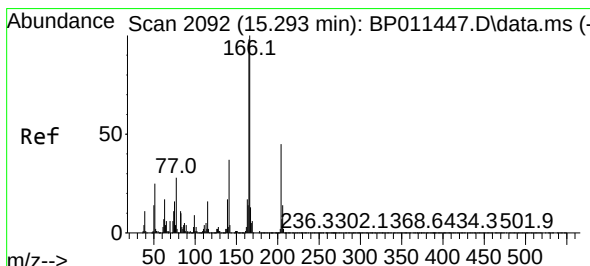
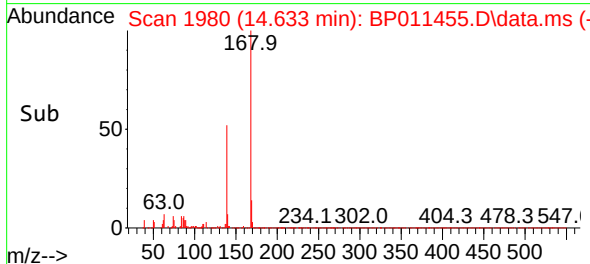
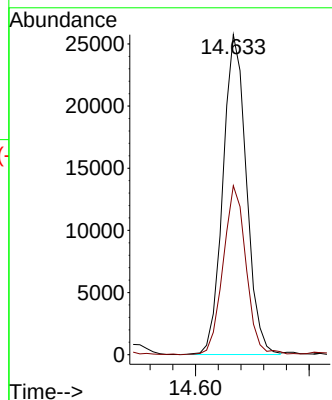
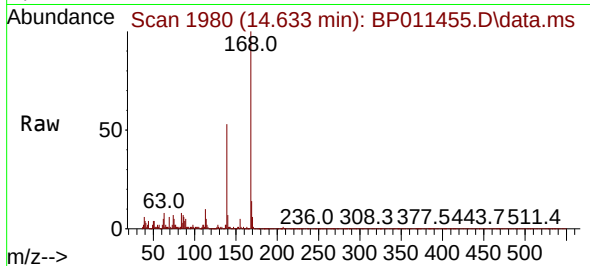




#56
Dibenzofuran
Concen: 1.976 ng/ul
RT: 14.633 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

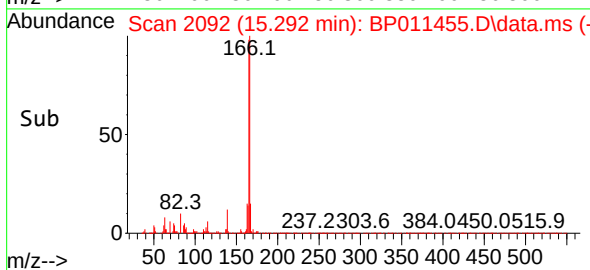
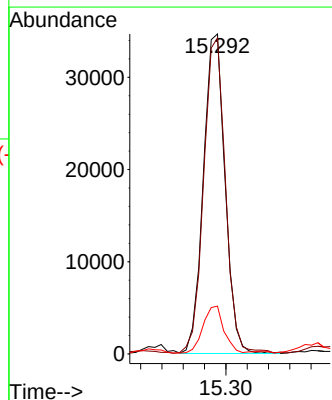
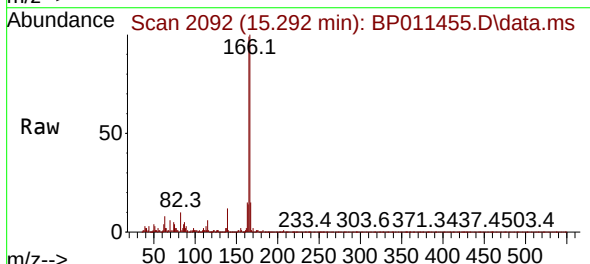
Instrument :
BNA_P
ClientSampleId :

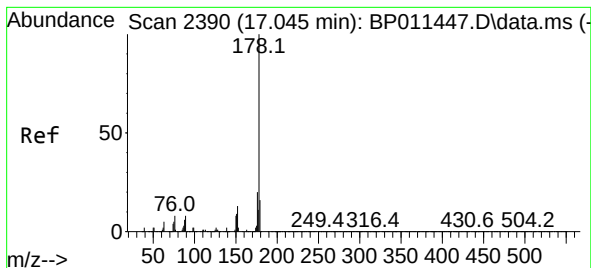
Tgt Ion:168 Resp: 36889
Ion Ratio Lower Upper
168 100
139 52.8 38.4 57.6



#61
Fluorene
Concen: 3.207 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

Tgt Ion:166 Resp: 48973
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 14.9 10.3 15.5





#72

Phenanthrene

Concen: 39.595 ng/ul

RT: 17.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011455.D

Acq: 17 Aug 2022 10:47

Instrument :

BNA_P

ClientSampleId :

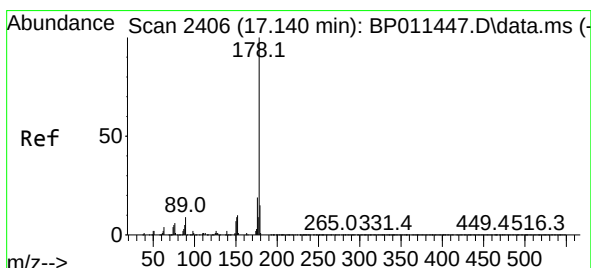
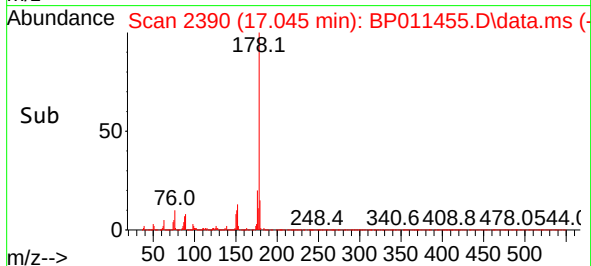
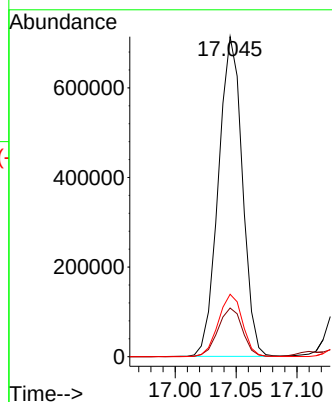
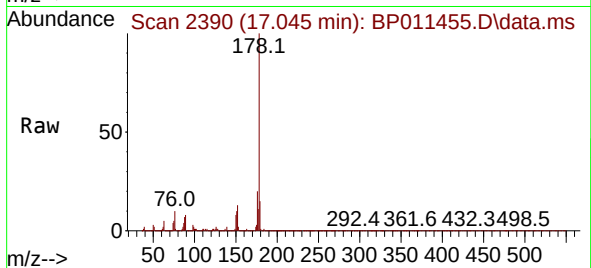
Tgt Ion:178 Resp: 978582

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

176 19.5 15.8 23.8



#74

Anthracene

Concen: 7.864 ng/ul

RT: 17.133 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BP011455.D

Acq: 17 Aug 2022 10:47

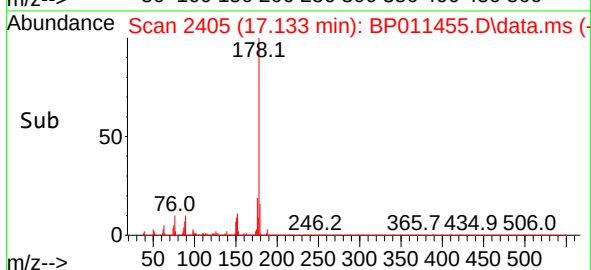
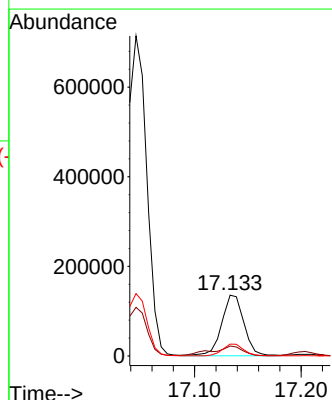
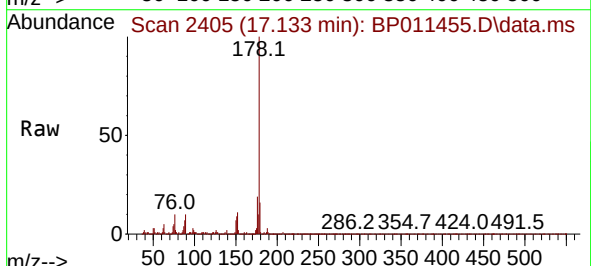
Tgt Ion:178 Resp: 196086

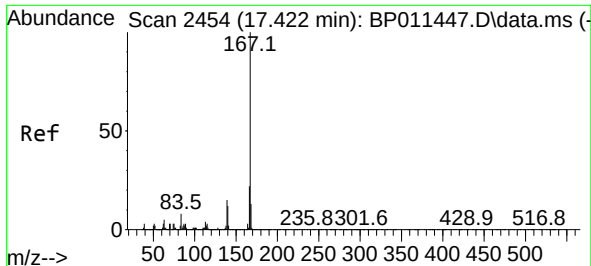
Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.2

176 19.4 15.4 23.0

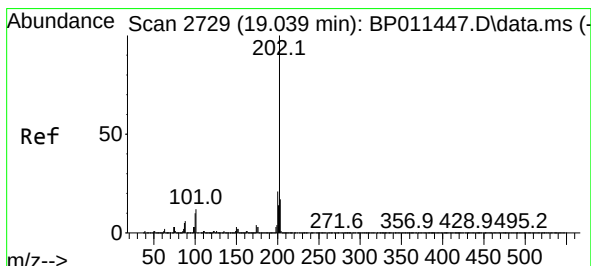
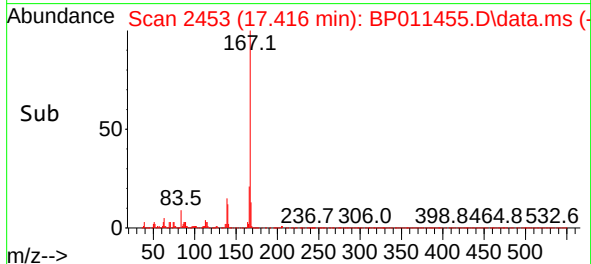
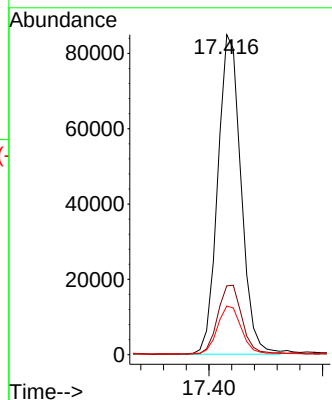
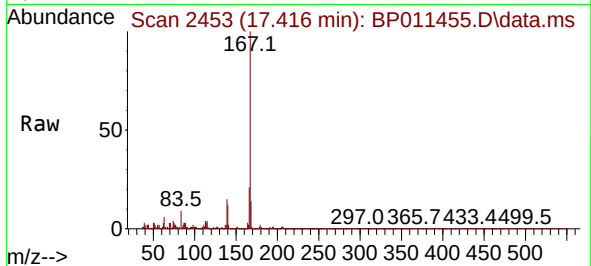




#77
 Carbazole
 Concen: 5.137 ng/ul
 RT: 17.416 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BP011455.D
 Acq: 17 Aug 2022 10:47

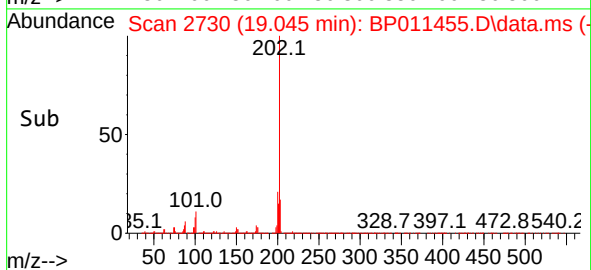
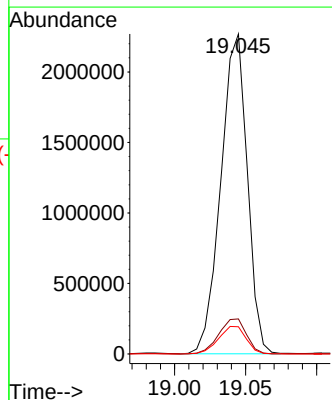
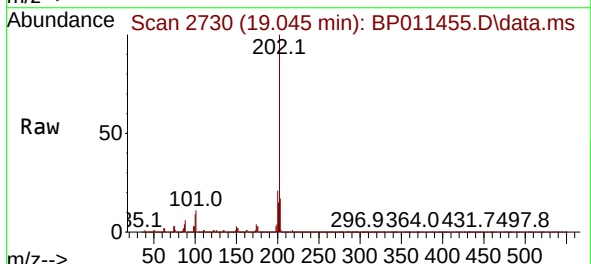
Instrument :
 BNA_P
 ClientSampleId :

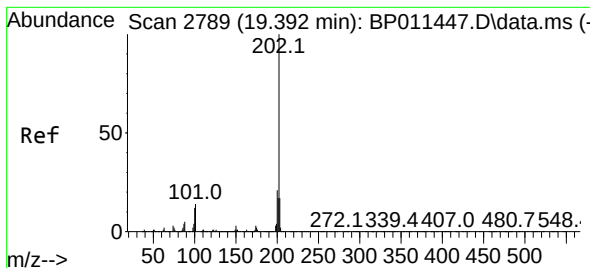
Tgt Ion:167 Resp: 120475
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 15.2 12.1 18.1



#80
 Fluoranthene
 Concen: 96.654 ng/ul
 RT: 19.045 min Scan# 2730
 Delta R.T. 0.005 min
 Lab File: BP011455.D
 Acq: 17 Aug 2022 10:47

Tgt Ion:202 Resp: 2940452
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.5 14.3
 100 8.5 7.9 11.9





#82

Pyrene

Concen: 88.543 ng/ul

RT: 19.398 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP011455.D

Acq: 17 Aug 2022 10:47

Instrument :

BNA_P

ClientSampleId :

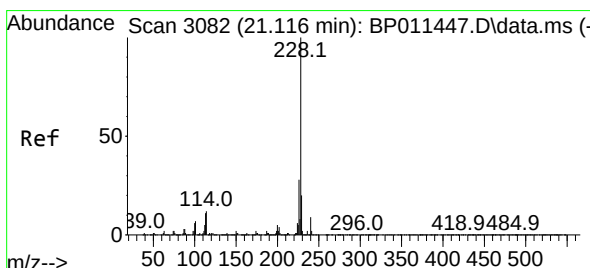
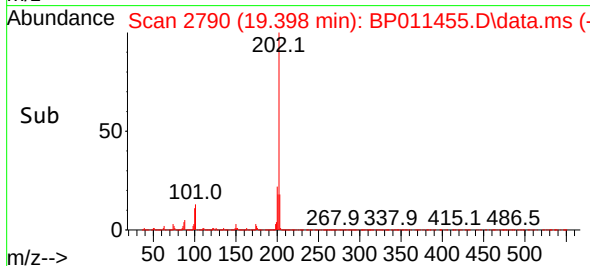
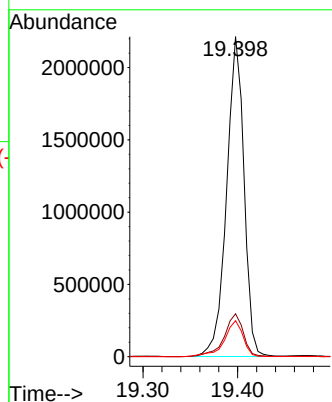
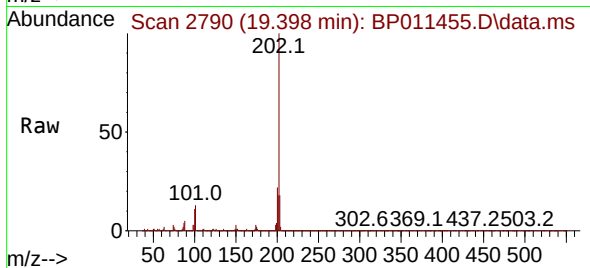
Tgt Ion:202 Resp: 2830373

Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.2

100 11.3 9.4 14.0



#85

Benzo(a)anthracene

Concen: 82.398 ng/ul

RT: 21.121 min Scan# 3083

Delta R.T. 0.005 min

Lab File: BP011455.D

Acq: 17 Aug 2022 10:47

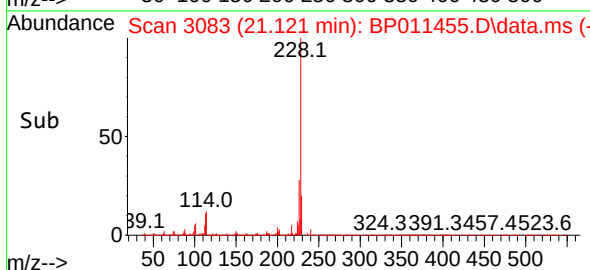
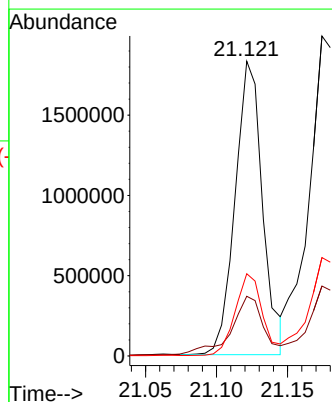
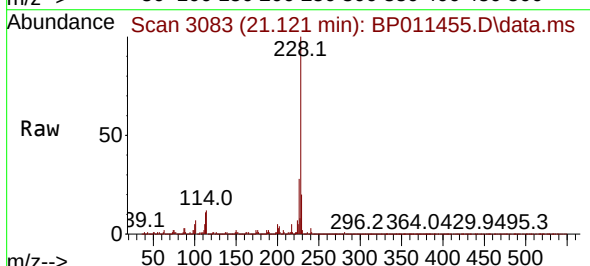
Tgt Ion:228 Resp: 2454595

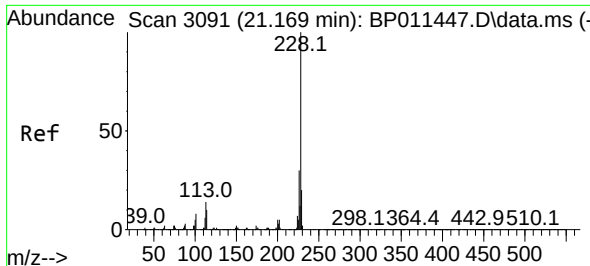
Ion Ratio Lower Upper

228 100

229 20.3 16.0 24.0

226 27.9 22.6 33.8

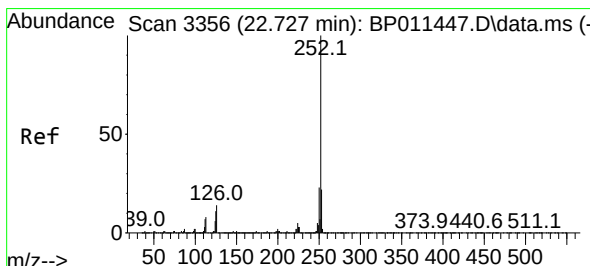
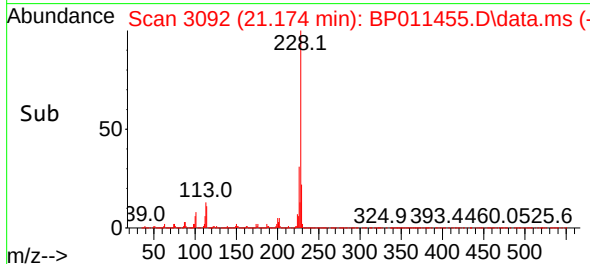
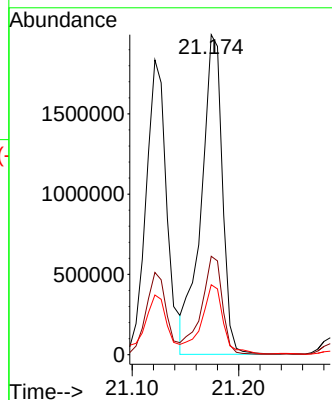
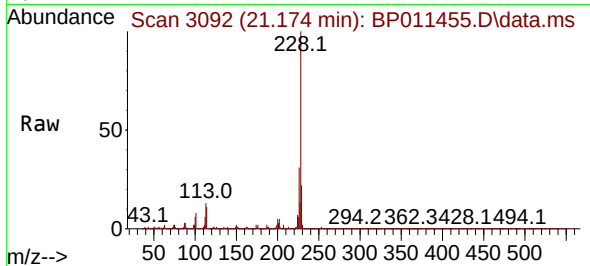




#87
Chrysene
Concen: 94.456 ng/u1
RT: 21.174 min Scan# 3091
Delta R.T. 0.005 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

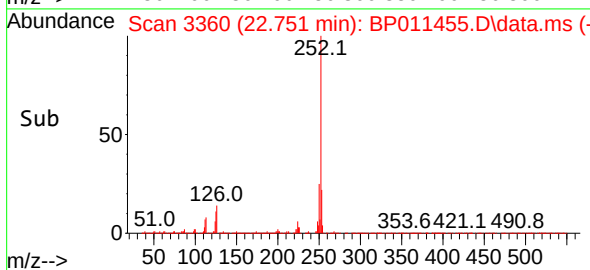
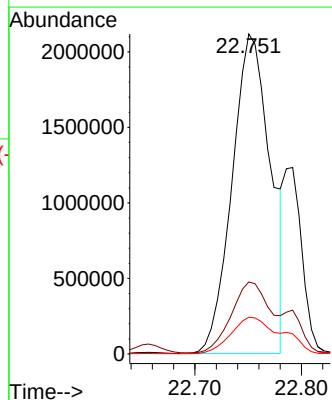
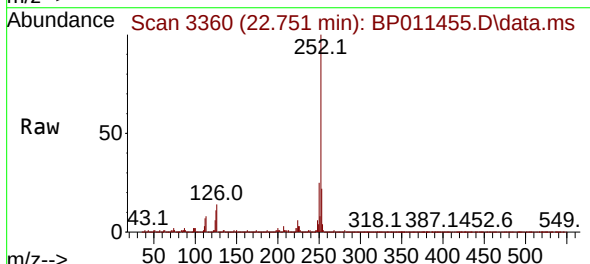
Instrument :
BNA_P
ClientSampleId :

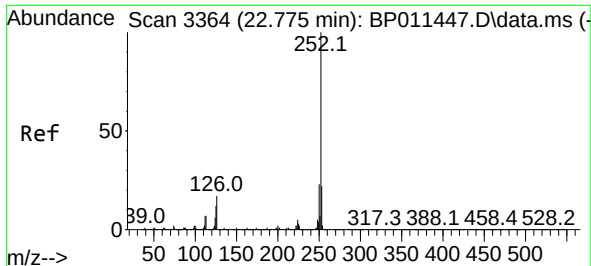
Tgt Ion:228 Resp: 2764077
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 21.8 16.0 24.0



#90
Benzo(b)fluoranthene
Concen: 171.197 ng/u1
RT: 22.751 min Scan# 3360
Delta R.T. 0.023 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

Tgt Ion:252 Resp: 5298016
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.5 9.0 13.4

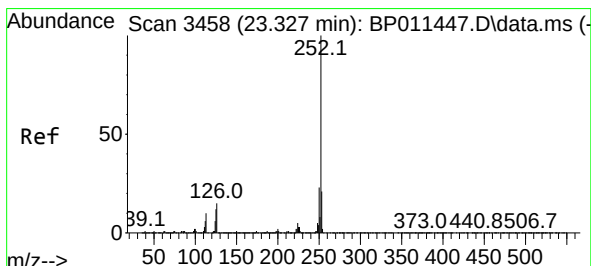
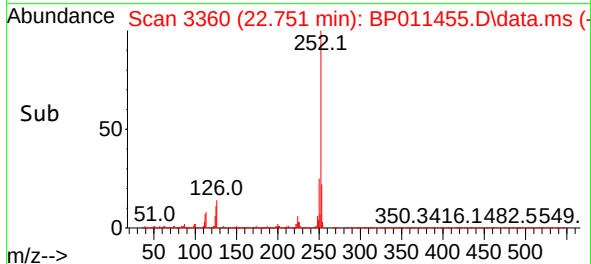
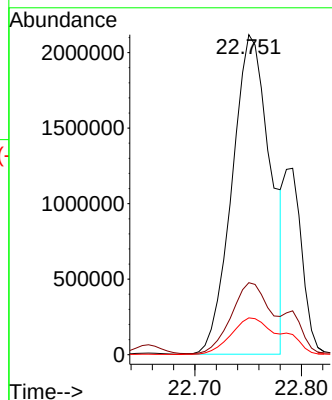
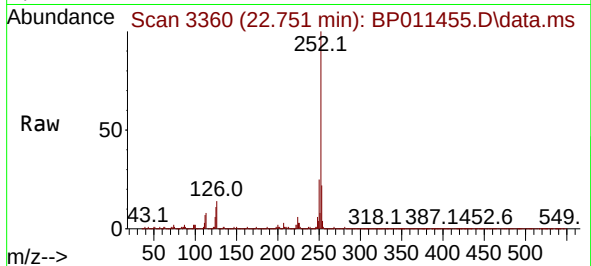




#91
Benzo(k)fluoranthene
Concen: 179.396 ng/u1
RT: 22.751 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

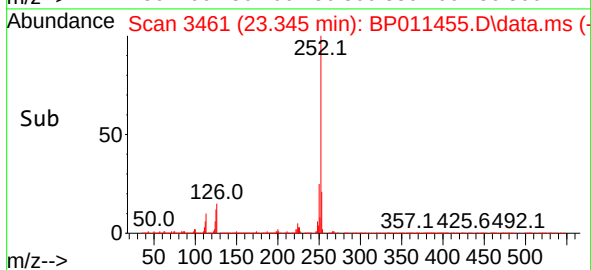
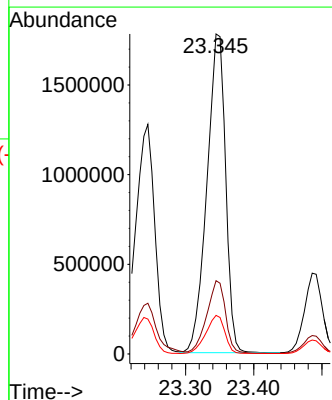
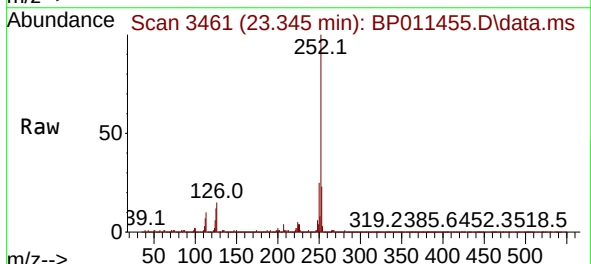
Instrument :
BNA_P
ClientSampleId :

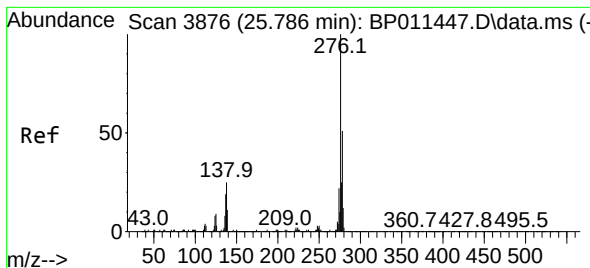
Tgt Ion:252 Resp: 5298016
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.5 9.8 14.8



#93
Benzo(a)pyrene
Concen: 112.083 ng/u1
RT: 23.345 min Scan# 3461
Delta R.T. 0.017 min
Lab File: BP011455.D
Acq: 17 Aug 2022 10:47

Tgt Ion:252 Resp: 3386461
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 12.0 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 88.818 ng/ul

RT: 25.821 min Scan# 3882

Delta R.T. 0.035 min

Lab File: BP011455.D

Acq: 17 Aug 2022 10:47

Instrument :

BNA_P

ClientSampleId :

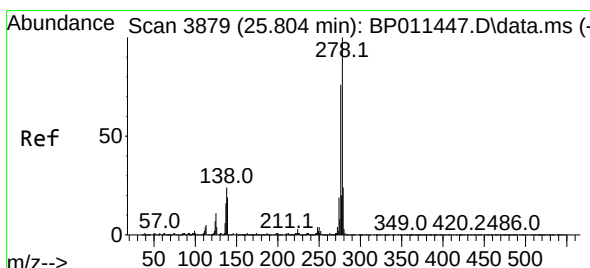
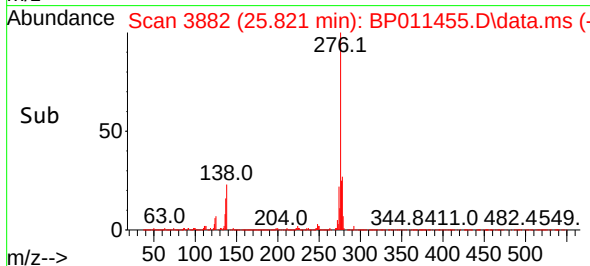
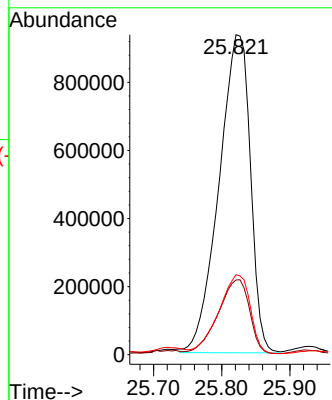
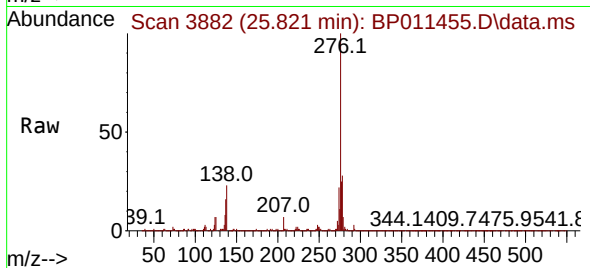
Tgt Ion:276 Resp: 2993169

Ion Ratio Lower Upper

276 100

138 23.4 20.2 30.4

277 25.0 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 28.173 ng/ul

RT: 25.833 min Scan# 3884

Delta R.T. 0.029 min

Lab File: BP011455.D

Acq: 17 Aug 2022 10:47

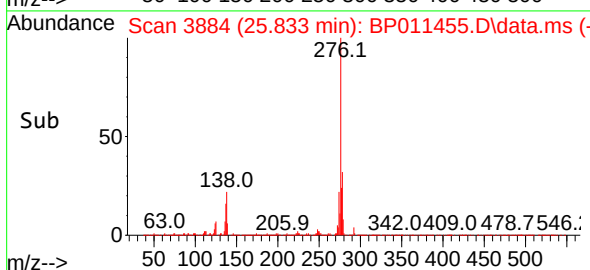
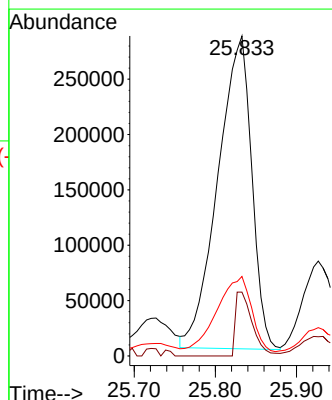
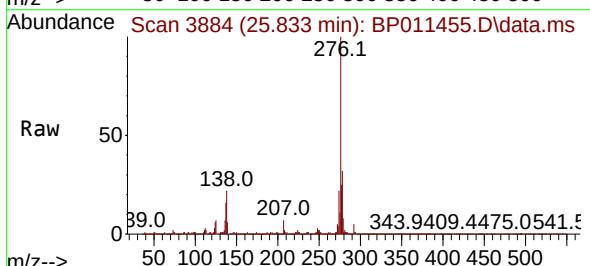
Tgt Ion:278 Resp: 817501

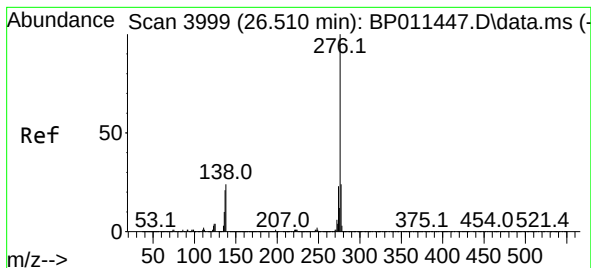
Ion Ratio Lower Upper

278 100

139 19.9 15.4 23.0

279 24.9 19.3 28.9





#96

Benzo(g,h,i)perylene

Concen: 89.255 ng/ul

RT: 26.556 min Scan# 40

Delta R.T. 0.047 min

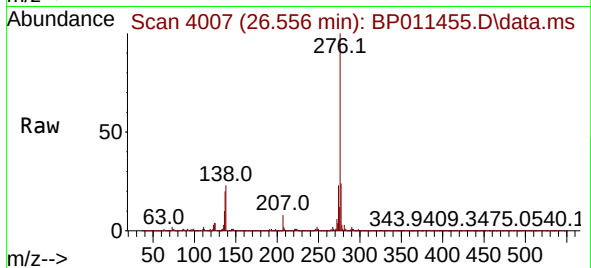
Lab File: BP011455.D

Acq: 17 Aug 2022 10:47

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 2558601

Ion Ratio Lower Upper

276 100

138 22.6 19.4 29.2

277 23.7 19.1 28.7

