

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072421\
 Data File : BP006322.D
 Acq On : 25 Jul 2021 00:46
 Operator : CG/JU
 Sample : M2973-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGEB3

Quant Time: Jul 26 01:10:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

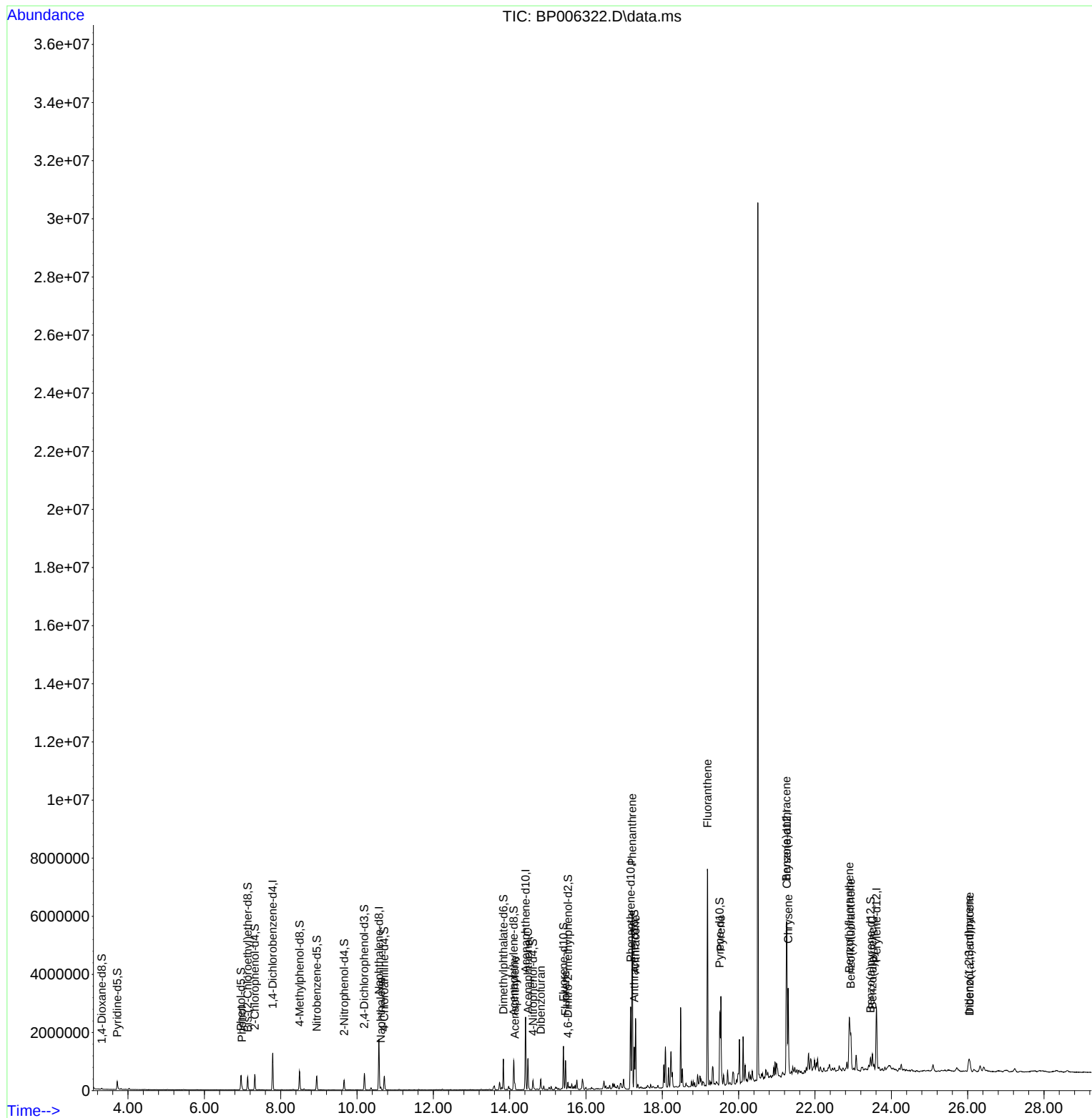
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	324109	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1382677	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	787364	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1511169	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1420988	20.000	ng/u1	0.00
88) Perylene-d12	23.610	264	1468307	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	15771	1.816	ng/uL	0.01
4) Pyridine-d5	3.717	84	176909	6.863	ng/u1	0.01
7) Phenol-d5	6.963	99	277706	9.123	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	198950	10.504	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	226110	9.998	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	233976	9.774	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	107041	10.397	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	99255	10.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	179897	9.339	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	248292	7.829	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	614636	10.968	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	660467	9.593	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	59817	5.376	ng/u1	0.00
60) Fluorene-d10	15.410	176	514621	10.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	45119	5.356	ng/u1	0.00
73) Anthracene-d10	17.263	188	738908	10.832	ng/u1	0.00
81) Pyrene-d10	19.504	212	553227	7.569	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	300058	4.021	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.987	94	51480	1.654	ng/u1	99
30) Naphthalene	10.622	128	77231	1.077	ng/u1	98
50) Acenaphthylene	14.134	152	101085	1.508	ng/u1	97
52) Acenaphthene	14.481	153	414696	8.430	ng/u1	99
56) Dibenzofuran	14.816	168	153178	2.322	ng/u1	97
61) Fluorene	15.463	166	381419	7.029	ng/u1	100
72) Phenanthrene	17.210	178	3377296	41.620	ng/u1	99
74) Anthracene	17.298	178	1336559	16.244	ng/u1	99
80) Fluoranthene	19.186	202	3897109	43.273	ng/u1	100
82) Pyrene	19.533	202	1747242	18.697	ng/u1	99
85) Benzo(a)anthracene	21.251	228	1900568	21.585	ng/u1	95
87) Chrysene	21.298	228	1384760	16.407	ng/u1	99
90) Benzo(b)fluoranthene	22.898	252	1592051	17.071	ng/u1	98
91) Benzo(k)fluoranthene	22.939	252	664544	7.508	ng/u1	97
93) Benzo(a)pyrene	23.504	252	368820	4.524	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.033	276	331411	3.176	ng/u1	98
95) Dibenzo(a,h)anthracene	26.051	278	200503	2.269	ng/u1#	94

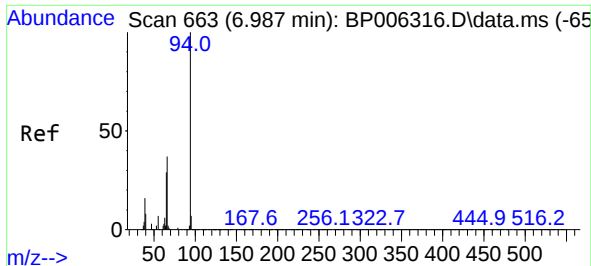
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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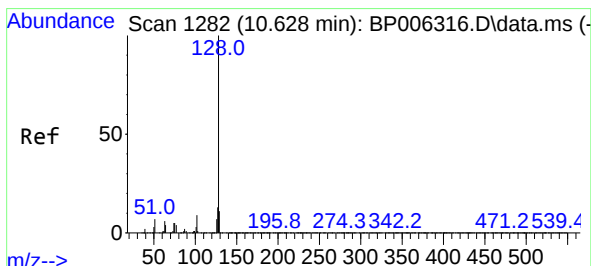
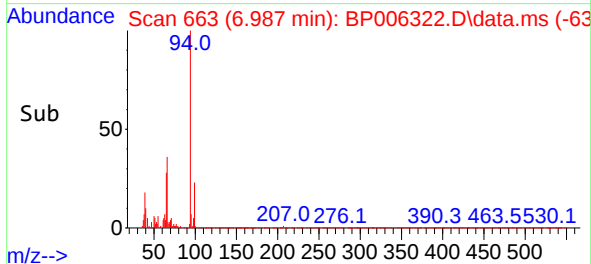
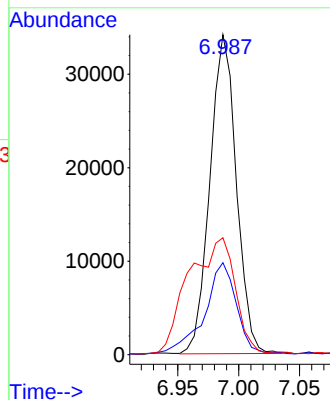
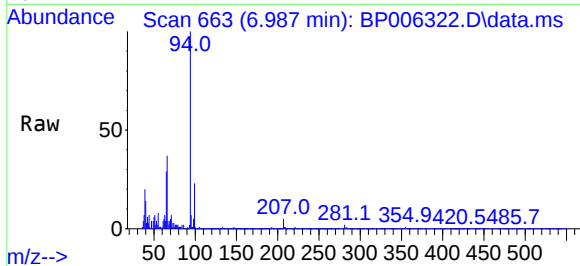




#8
Phenol
Concen: 1.654 ng/ul
RT: 6.987 min Scan# 663
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

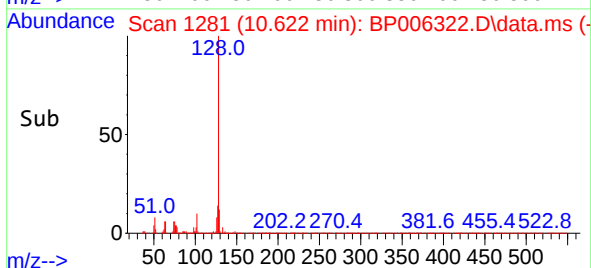
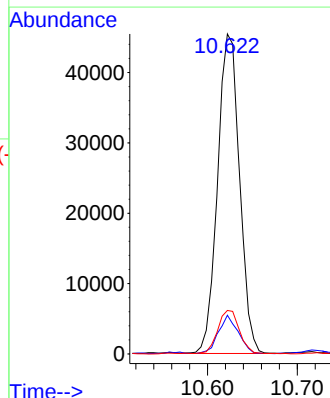
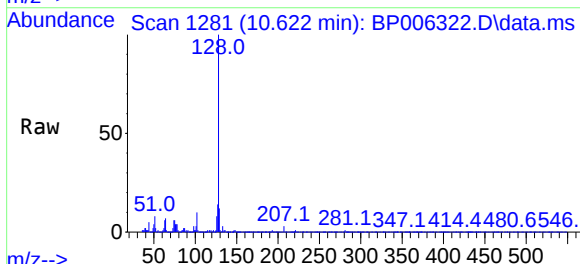
Instrument :
BNA_P
ClientSampleId :
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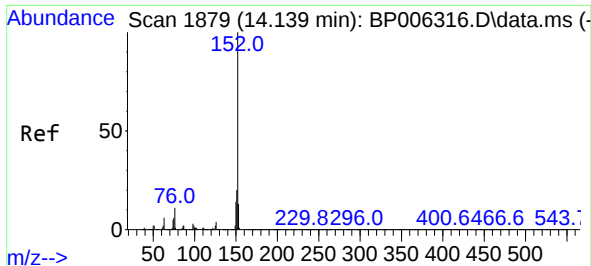
Tgt Ion:	94	Resp:	51480
Ion	Ratio	Lower	Upper
94	100		
65	28.8	22.6	33.8
66	36.5	29.5	44.3



#30
Naphthalene
Concen: 1.077 ng/ul
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:	128	Resp:	77231
Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	13.6	10.7	16.1

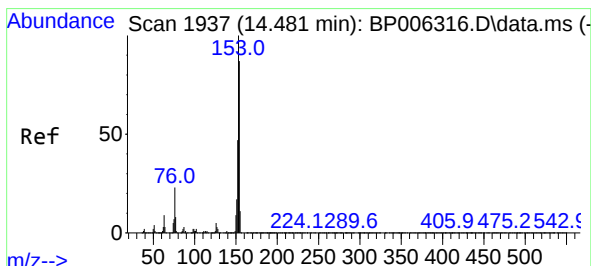
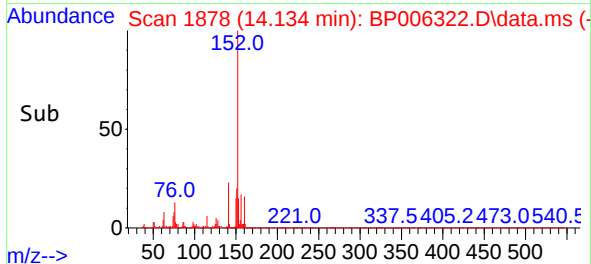
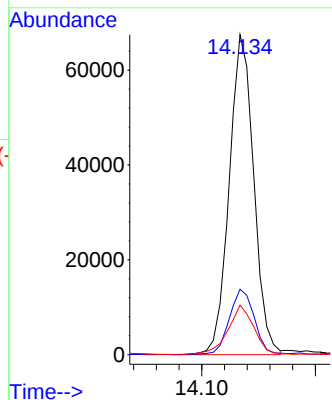
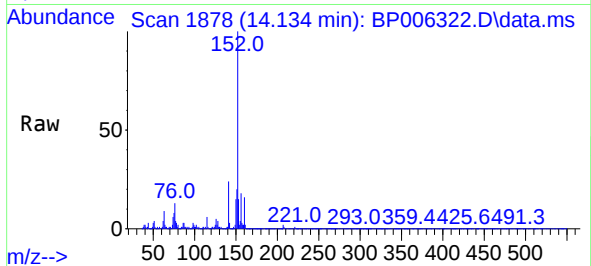




#50
Acenaphthylene
Concen: 1.508 ng/ul
RT: 14.134 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

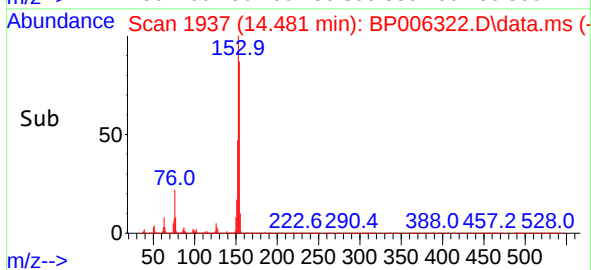
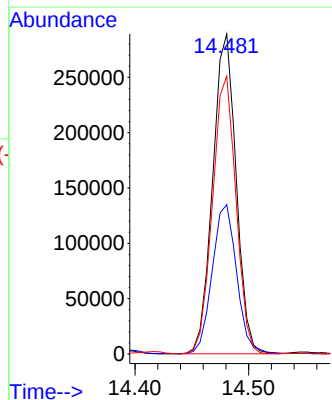
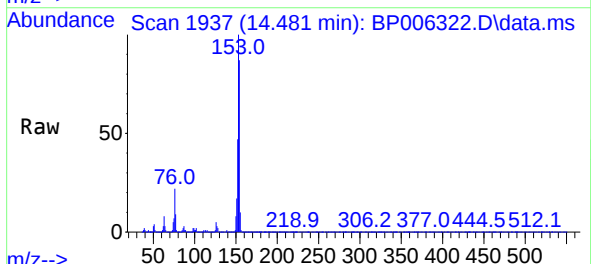
Instrument :
BNA_P
ClientSampleId :
BGE3

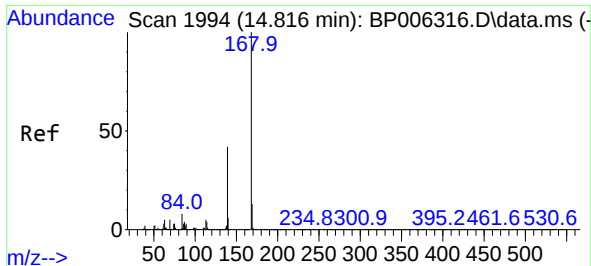
Tgt Ion:152 Resp: 101085
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 15.5 10.6 15.8



#52
Acenaphthene
Concen: 8.430 ng/ul
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:153 Resp: 414696
Ion Ratio Lower Upper
153 100
152 46.7 38.0 57.0
154 86.8 69.0 103.6

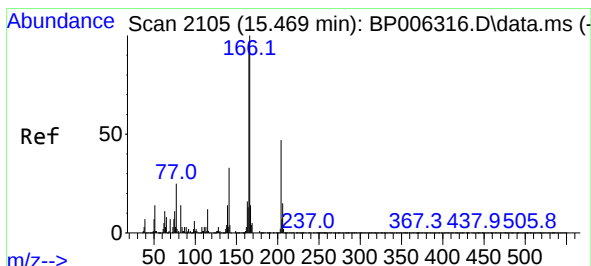
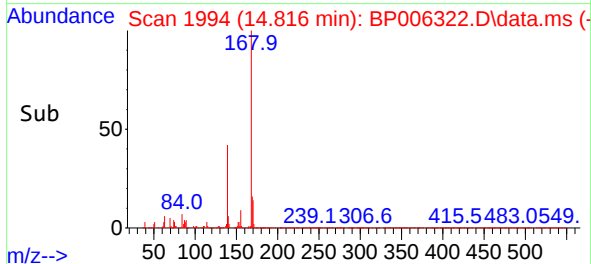
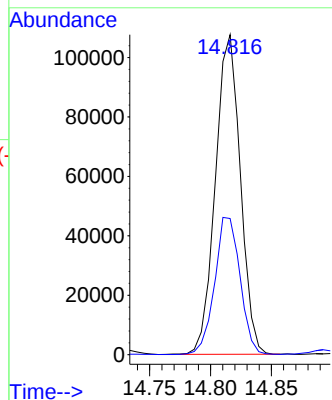
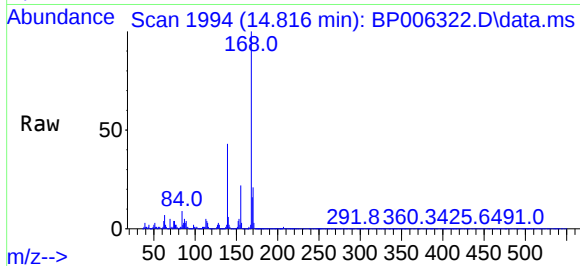




#56
Dibenzenofuran
Concen: 2.322 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

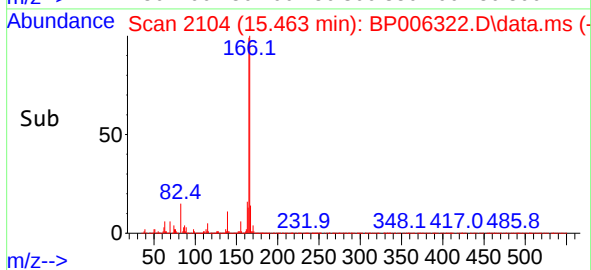
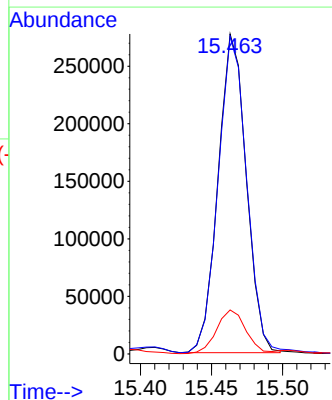
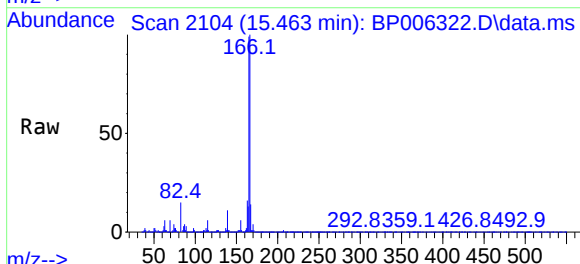
Instrument :
BNA_P
ClientSampleId :
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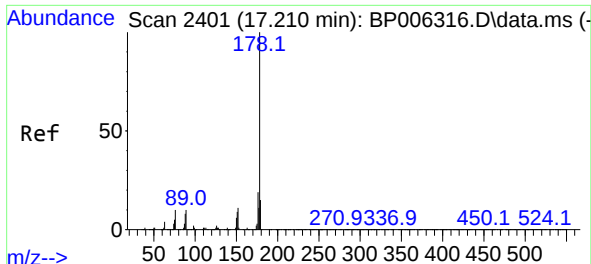
Tgt Ion:168 Resp: 153178
Ion Ratio Lower Upper
168 100
139 42.5 32.6 49.0



#61
Fluorene
Concen: 7.029 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:166 Resp: 381419
Ion Ratio Lower Upper
166 100
165 99.3 79.2 118.8
167 13.7 10.7 16.1

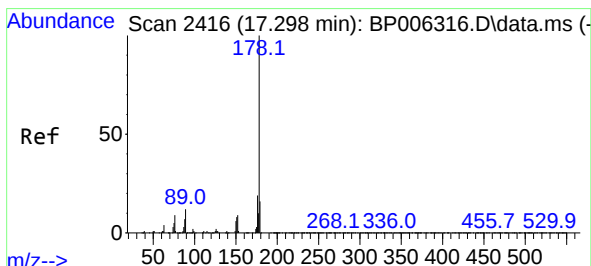
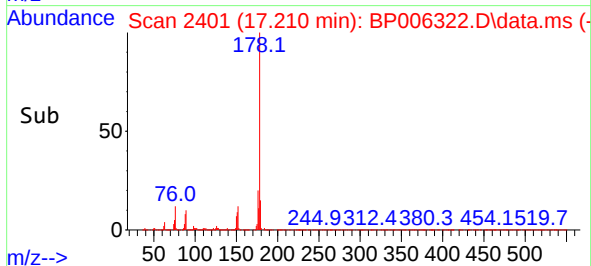
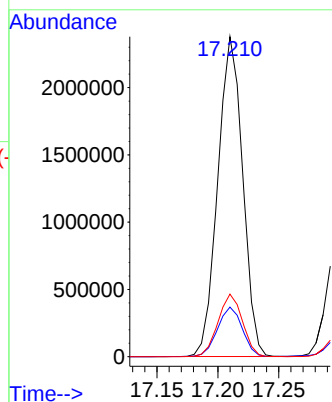
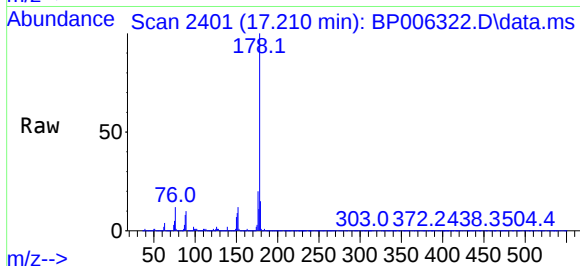




#72
Phenanthrene
Concen: 41.620 ng/ul
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

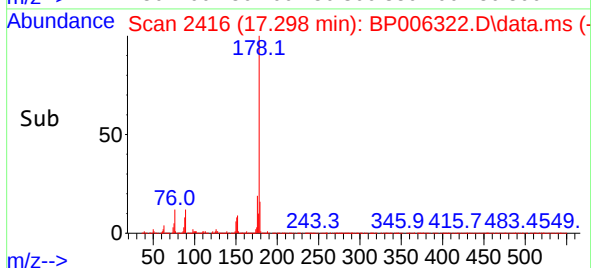
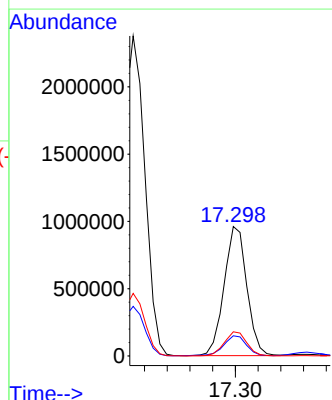
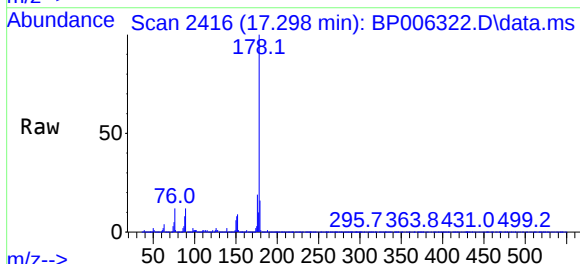
Instrument :
BNA_P
ClientSampleId :
BGE3

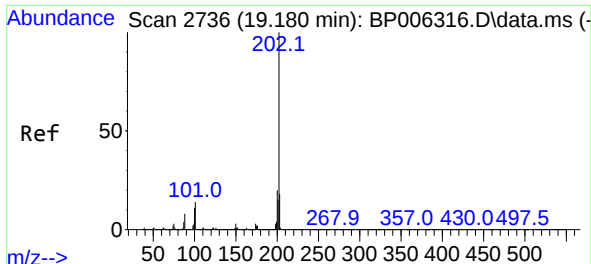
Tgt Ion:178 Resp: 3377296
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 19.6 15.0 22.6



#74
Anthracene
Concen: 16.244 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:178 Resp: 1336559
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.7 14.8 22.2

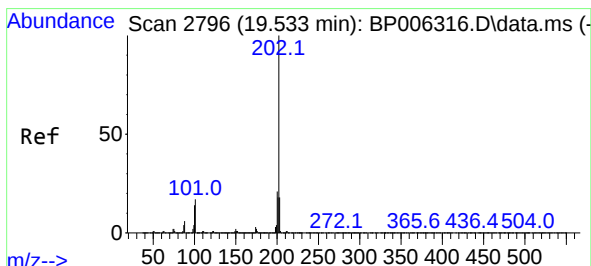
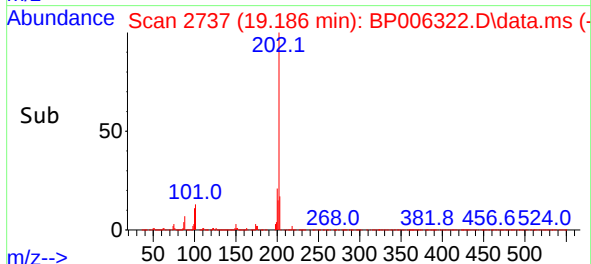
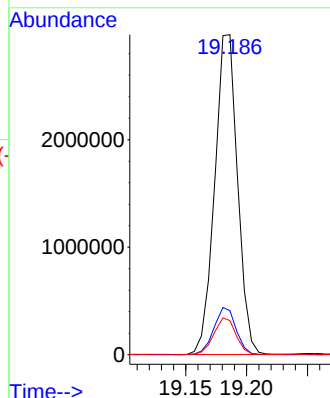
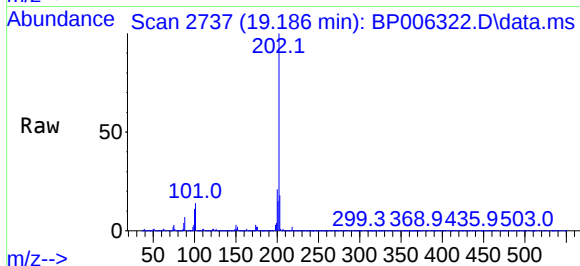




#80
Fluoranthene
Concen: 43.273 ng/ul
RT: 19.186 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

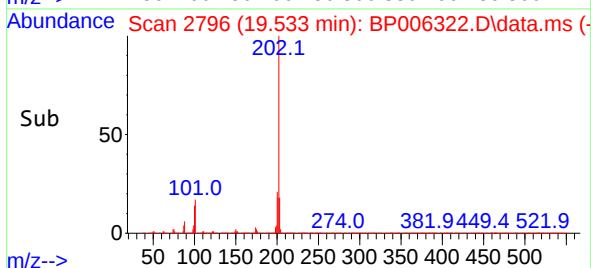
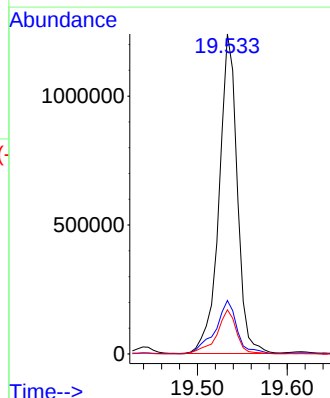
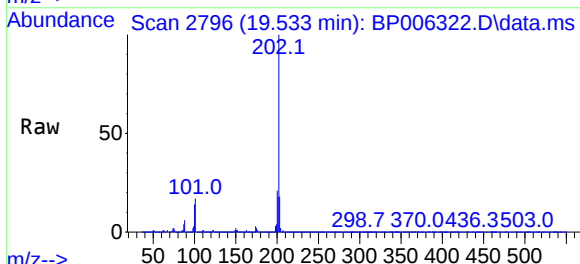
Instrument :
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ClientSampleId :
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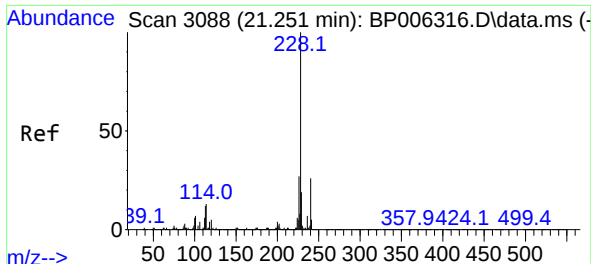
Tgt Ion:202 Resp: 3897109
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.6
100 10.7 8.8 13.2



#82
Pyrene
Concen: 18.697 ng/ul
RT: 19.533 min Scan# 2796
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:202 Resp: 1747242
Ion Ratio Lower Upper
202 100
101 16.7 13.0 19.4
100 13.8 11.0 16.4

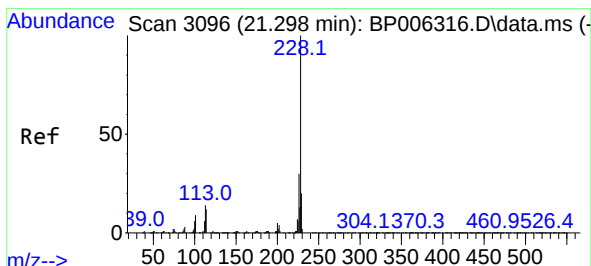
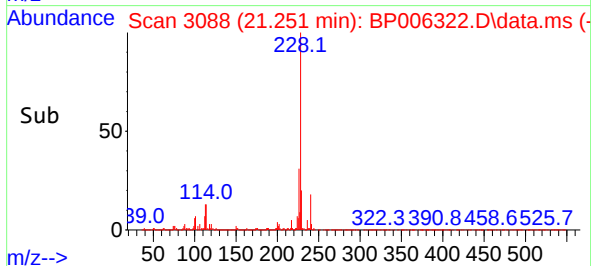
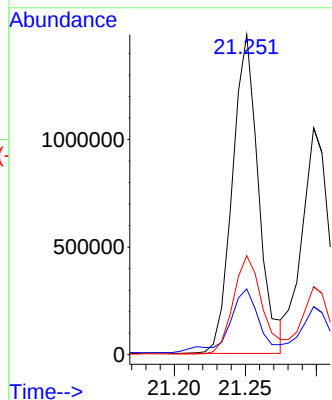
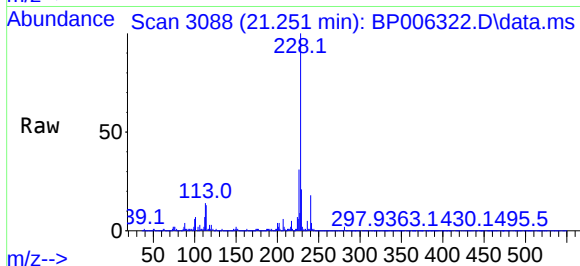




#85
Benzo(a)anthracene
Concen: 21.585 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

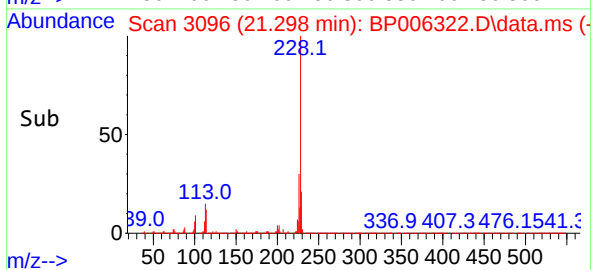
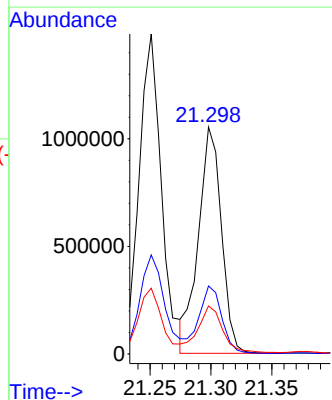
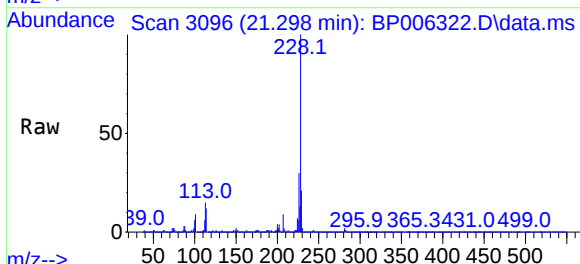
Instrument :
BNA_P
ClientSampled :
BGE3

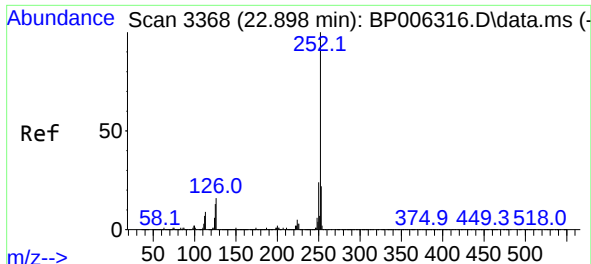
Tgt Ion:228 Resp: 1900568
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 31.0 21.6 32.4



#87
Chrysene
Concen: 16.407 ng/ul
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:228 Resp: 1384760
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 21.2 15.8 23.6

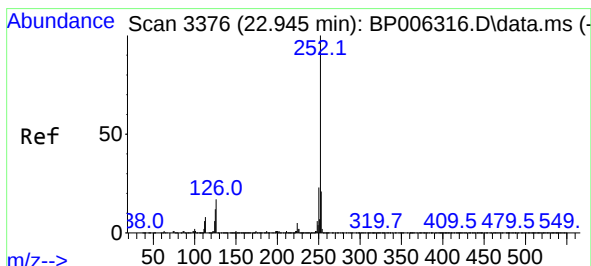
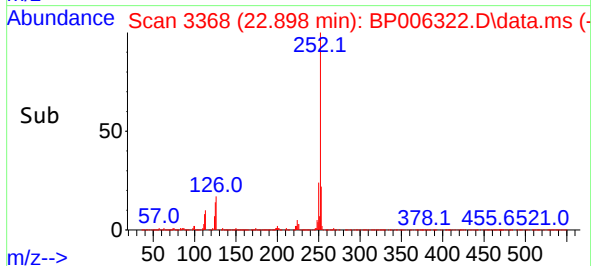
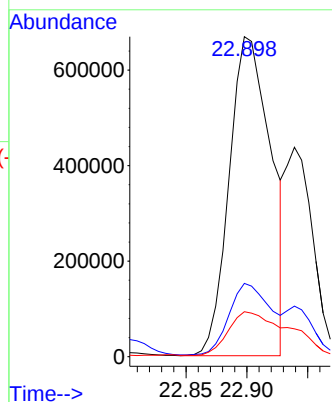
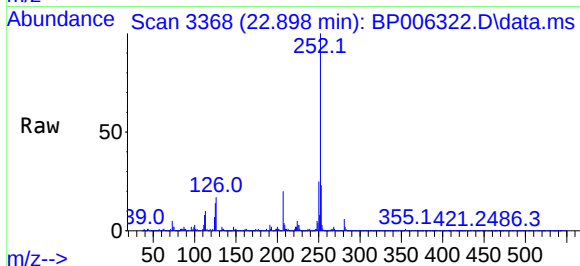




#90
Benzo(b)fluoranthene
Concen: 17.071 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. 0.000 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

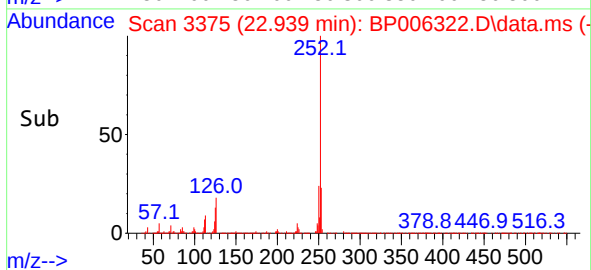
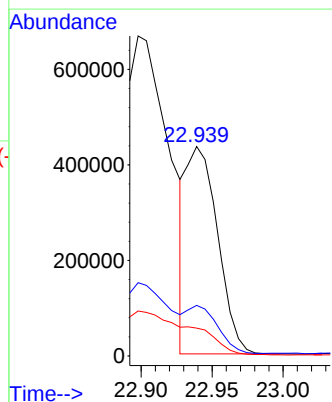
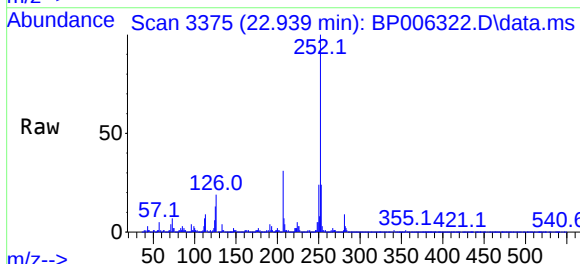
Instrument :
BNA_P
ClientSampleId :
BGE3

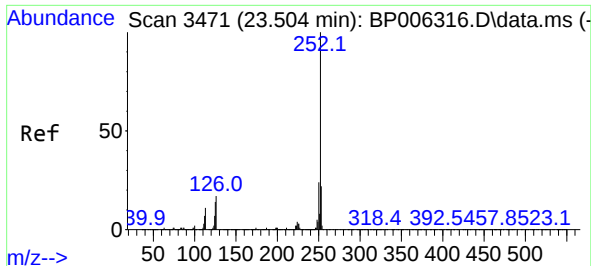
Tgt Ion:252 Resp: 1592051
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 14.1 10.6 16.0



#91
Benzo(k)fluoranthene
Concen: 7.508 ng/ul
RT: 22.939 min Scan# 3375
Delta R.T. -0.012 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:252 Resp: 664544
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 13.3 10.3 15.5



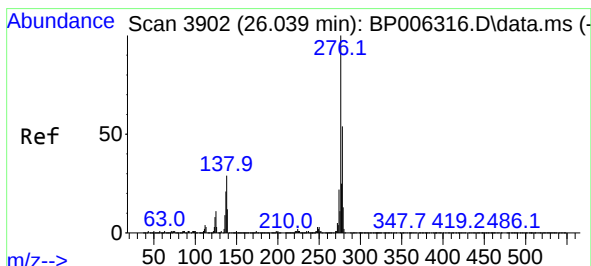
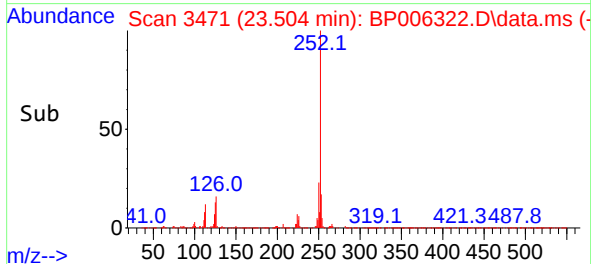
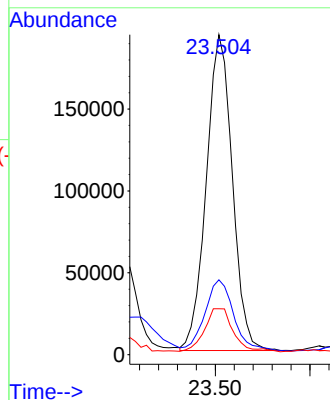
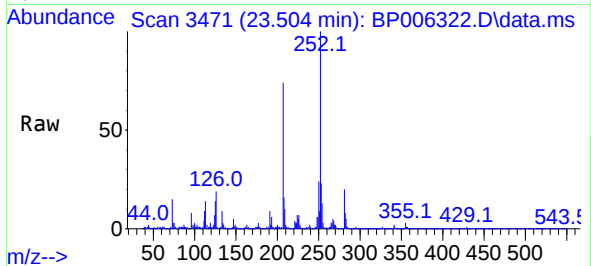


#93
Benzo(a)pyrene
Concen: 4.524 ng/ul
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Instrument :
BNA_P
ClientSampleId :
BGE3

Tgt Ion:252 Resp: 368820

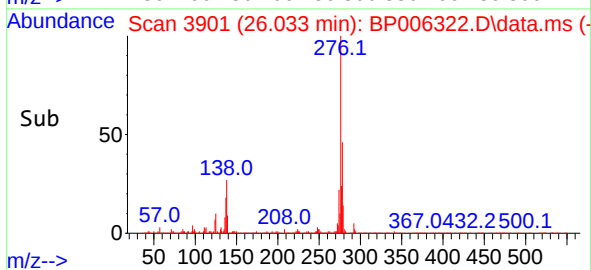
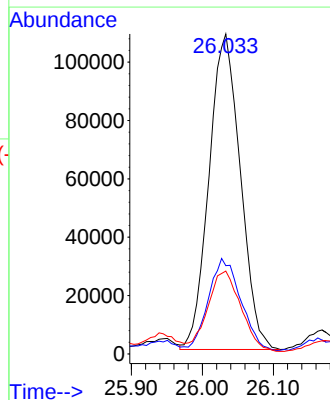
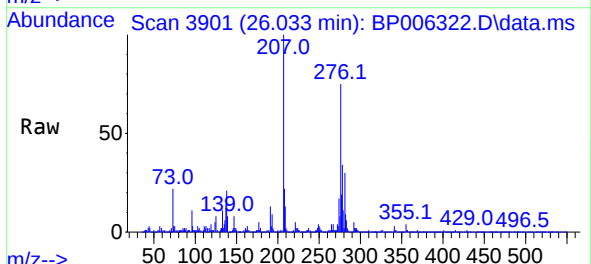
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	14.4	11.8	17.8

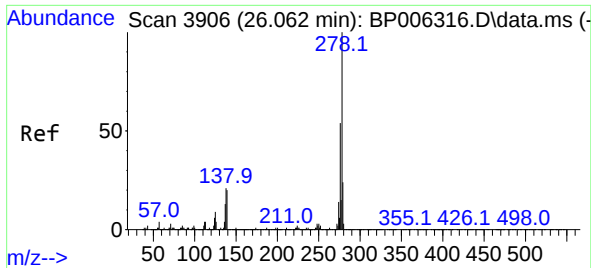


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.176 ng/ul
RT: 26.033 min Scan# 3901
Delta R.T. -0.012 min
Lab File: BP006322.D
Acq: 25 Jul 2021 00:46

Tgt Ion:276 Resp: 331411

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.8	32.6
277	25.9	19.6	29.4





#95
 Dibenzo(a,h)anthracene
 Concen: 2.269 ng/ul
 RT: 26.051 min Scan# 3904
 Delta R.T. -0.018 min
 Lab File: BP006322.D
 Acq: 25 Jul 2021 00:46

Instrument :
 BNA_P
 ClientSampleId :
 BGEB3

Tgt Ion:278 Resp: 200503
 Ion Ratio Lower Upper
 278 100
 139 20.2 15.8 23.6
 279 28.7 18.8 28.2#

