

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
 Data File : BP012333.D
 Acq On : 26 Oct 2022 17:33
 Operator : CG/JU
 Sample : N5015-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 27 00:25:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

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

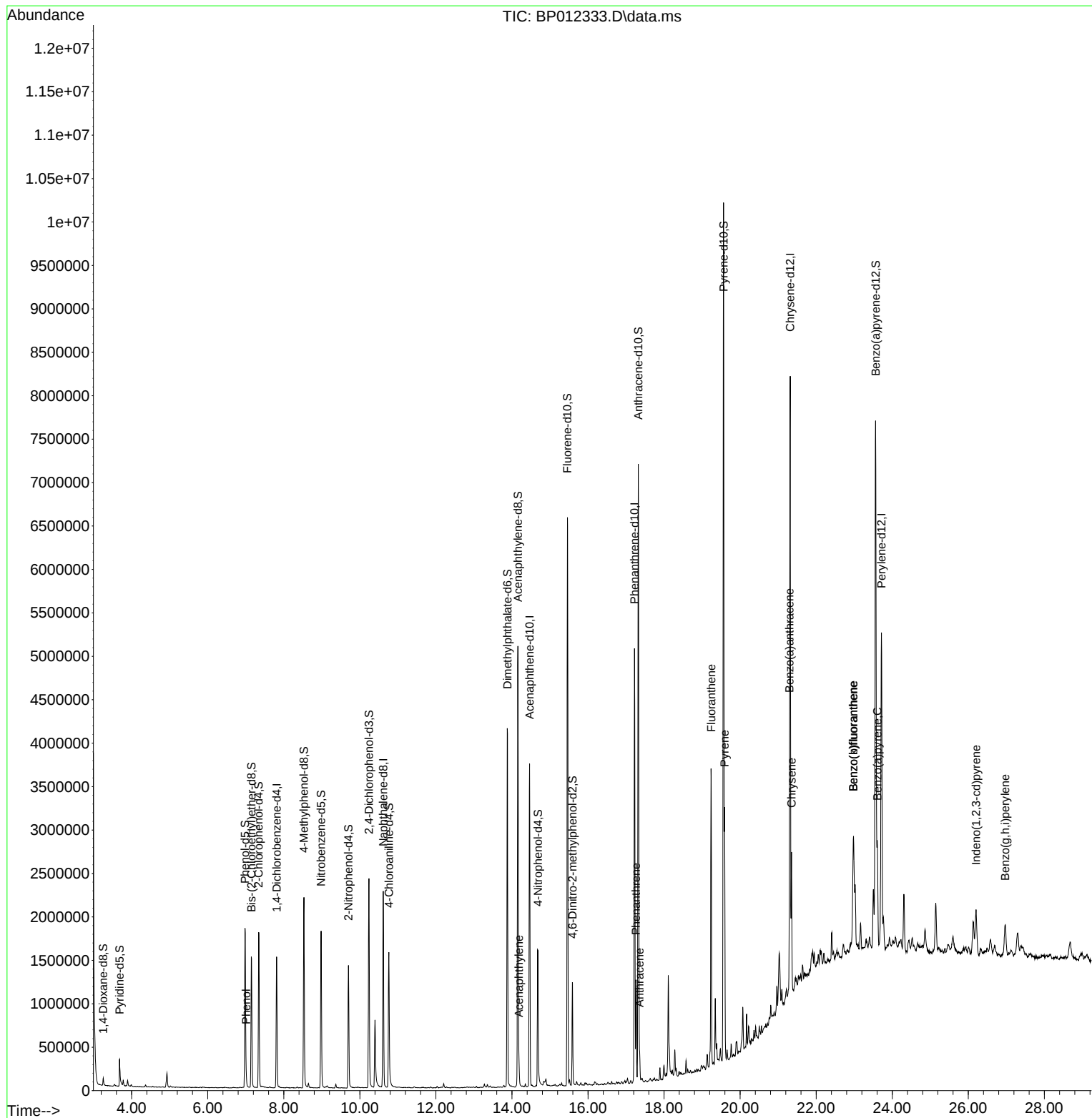
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	435192	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	1987077	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	1318008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	2958222	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	3062175	20.000	ng/ul	0.00
88) Perylene-d12	23.716	264	2841517	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	47099	4.358	ng/uL	0.00
4) Pyridine-d5	3.681	84	198844	6.404	ng/ul	0.00
7) Phenol-d5	6.981	99	1193692	30.581	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	683876	29.349	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	902289	31.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	900929	29.183	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	470958	36.549	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	501880	37.525	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	973988	33.603	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	979473	22.695	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	2902626	32.171	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	3484168	33.792	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	464849	27.222	ng/ul	0.00
60) Fluorene-d10	15.457	176	2684792	34.755	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	269252	17.482	ng/ul	0.00
73) Anthracene-d10	17.322	188	4211107	33.038	ng/ul	0.00
81) Pyrene-d10	19.563	212	5193331	33.780	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	4766777	34.333	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.011	94	54198	1.335	ng/ul#	90
50) Acenaphthylene	14.187	152	161457	1.396	ng/ul	100
72) Phenanthrene	17.263	178	694057	4.441	ng/ul	98
74) Anthracene	17.357	178	183823	1.184	ng/ul	100
80) Fluoranthene	19.239	202	2036590	10.729	ng/ul	98
82) Pyrene	19.592	202	1644988	8.367	ng/ul	98
85) Benzo(a)anthracene	21.298	228	994955	5.093	ng/ul	99
87) Chrysene	21.351	228	877620	4.805	ng/ul	97
90) Benzo(b)fluoranthene	22.980	252	1137029	6.319	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	1137029	6.631	ng/ul	98
93) Benzo(a)pyrene	23.610	252	781675	4.975	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.204	276	545284	2.785	ng/ul	98
96) Benzo(g,h,i)perylene	26.968	276	461109	2.664	ng/ul	98

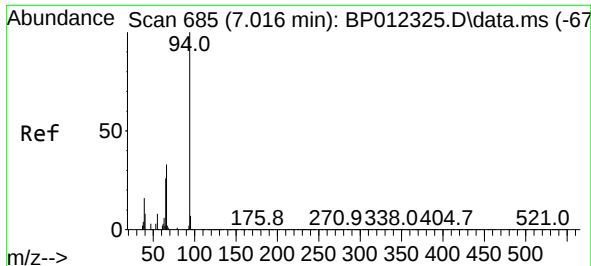
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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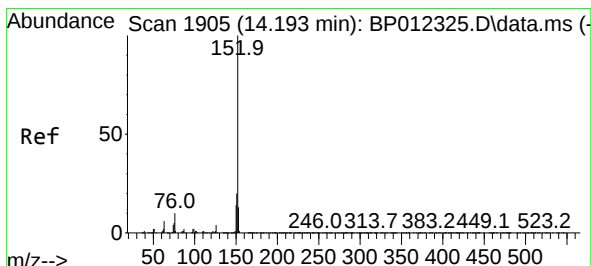
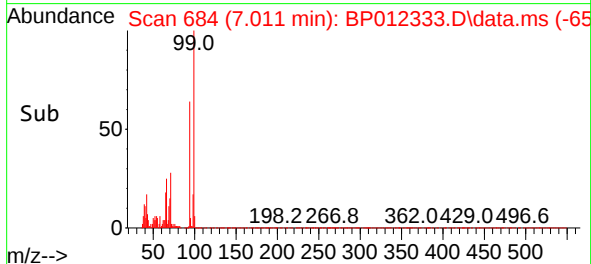
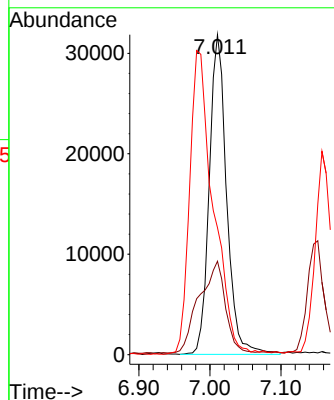
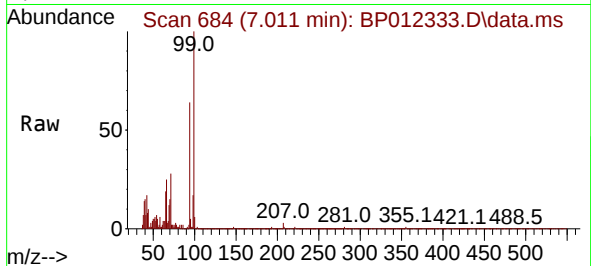




#8
Phenol
Concen: 1.335 ng/ul
RT: 7.011 min Scan# 61
Delta R.T. 0.001 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

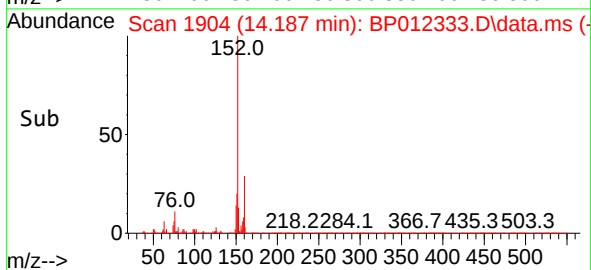
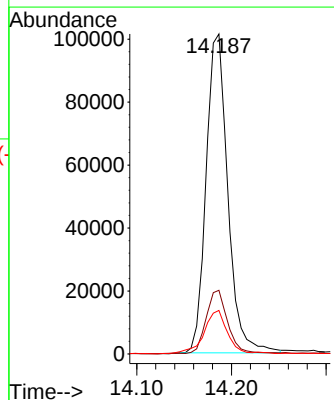
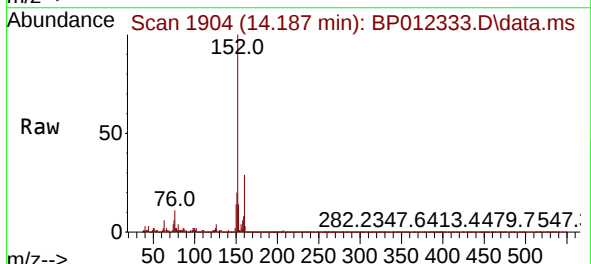
Instrument :
BNA_P
ClientSampleId :

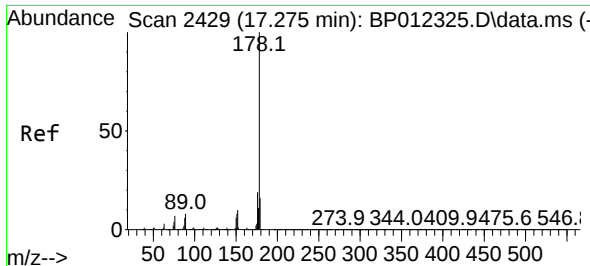
Tgt Ion: 94 Resp: 54198
Ion Ratio Lower Upper
94 100
65 29.2 20.8 31.2
66 39.7 26.2 39.2#



#50
Acenaphthylene
Concen: 1.396 ng/ul
RT: 14.187 min Scan# 1904
Delta R.T. 0.001 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

Tgt Ion:152 Resp: 161457
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.6 10.8 16.2

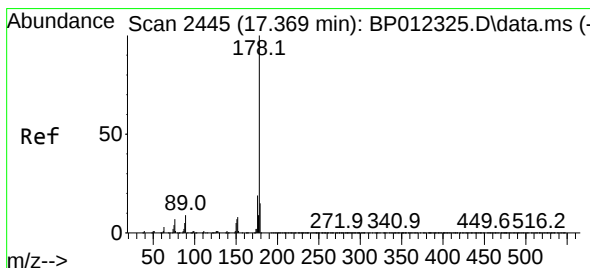
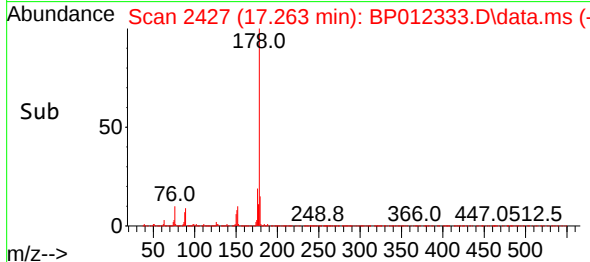
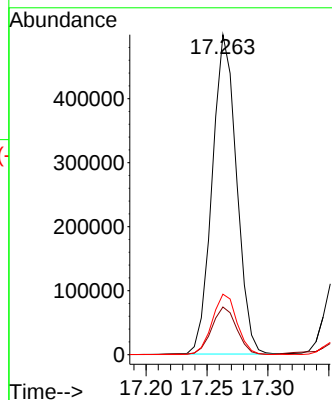
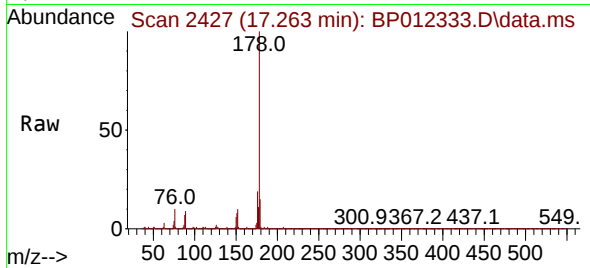




#72
Phenanthrene
Concen: 4.441 ng/ul
RT: 17.263 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

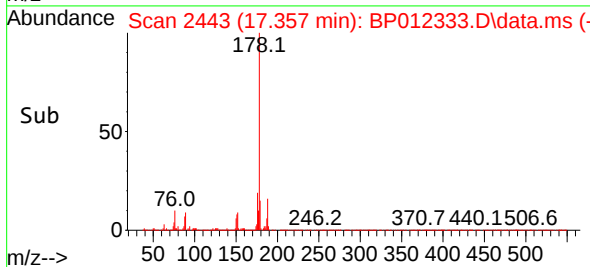
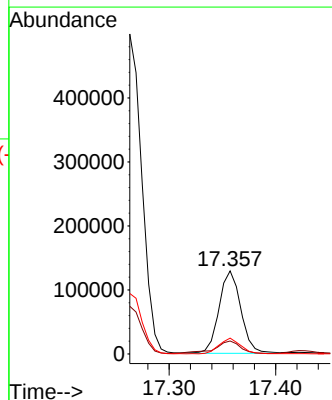
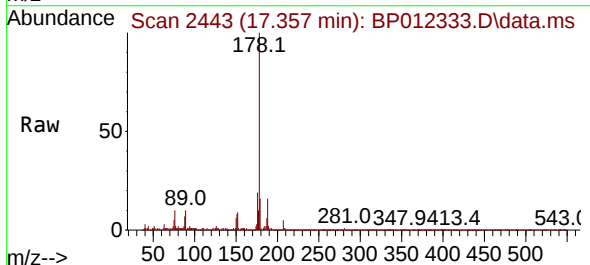
Instrument :
BNA_P
ClientSampleId :

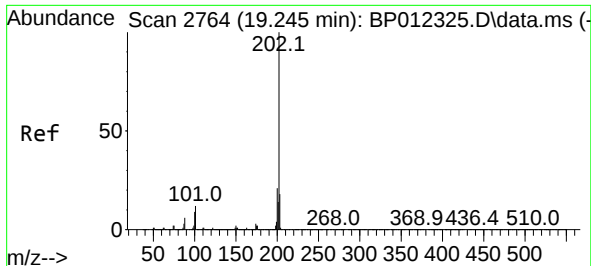
Tgt Ion:178 Resp: 694057
Ion Ratio Lower Upper
178 100
179 14.9 12.6 18.8
176 18.9 15.8 23.6



#74
Anthracene
Concen: 1.184 ng/ul
RT: 17.357 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

Tgt Ion:178 Resp: 183823
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.2 15.3 22.9

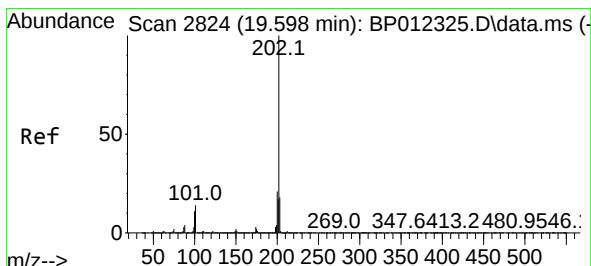
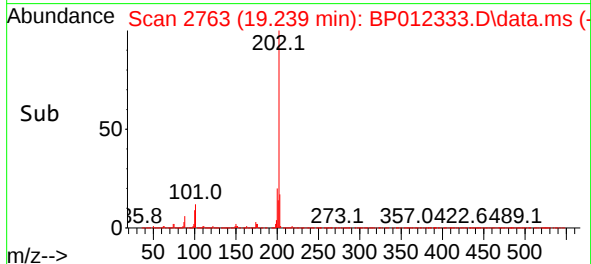
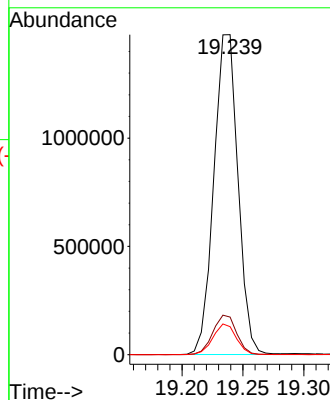
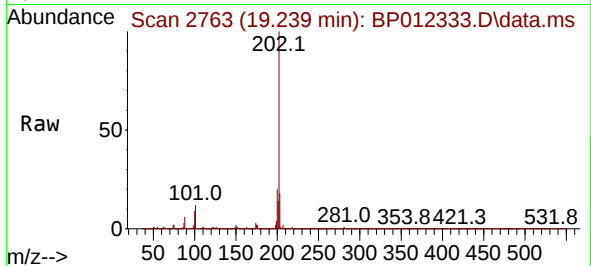




#80
Fluoranthene
Concen: 10.729 ng/ul
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

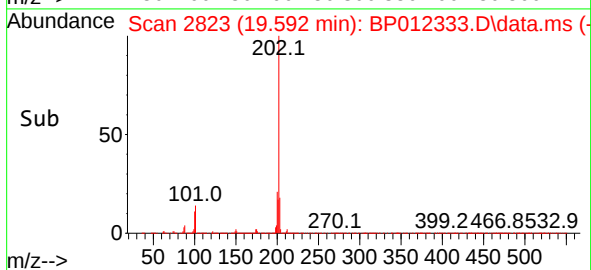
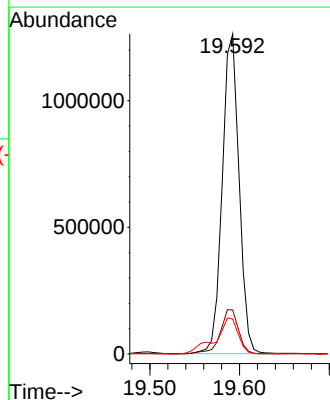
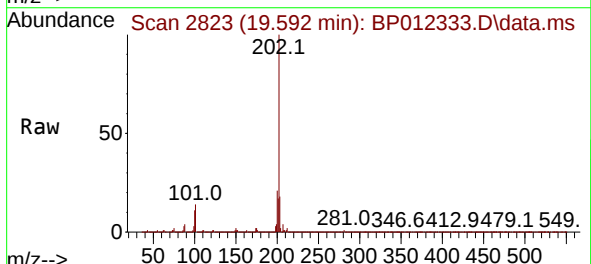
Instrument :
BNA_P
ClientSampleId :

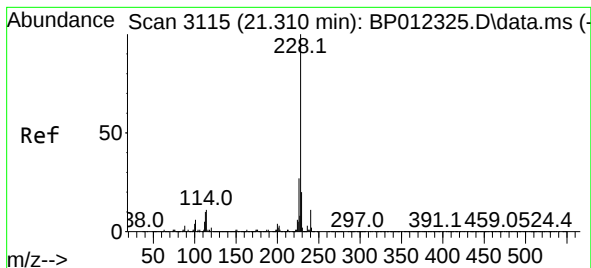
Tgt Ion:202 Resp: 2036590
Ion Ratio Lower Upper
202 100
101 11.7 9.9 14.9
100 8.7 7.4 11.2



#82
Pyrene
Concen: 8.367 ng/ul
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

Tgt Ion:202 Resp: 1644988
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 10.9 9.3 13.9





#85

Benzo(a)anthracene

Concen: 5.093 ng/ul

RT: 21.298 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP012333.D

Acq: 26 Oct 2022 17:33

Instrument :

BNA_P

ClientSampleId :

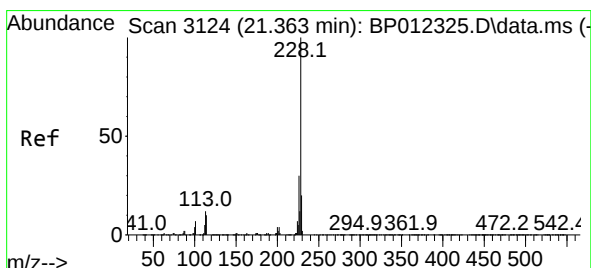
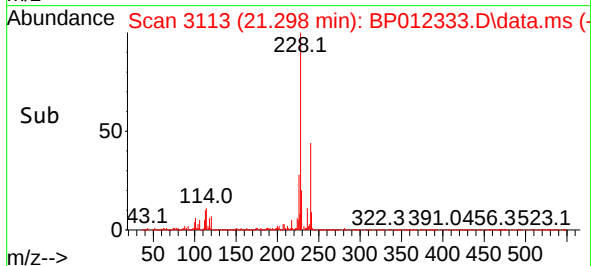
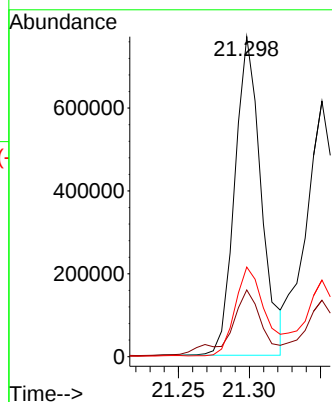
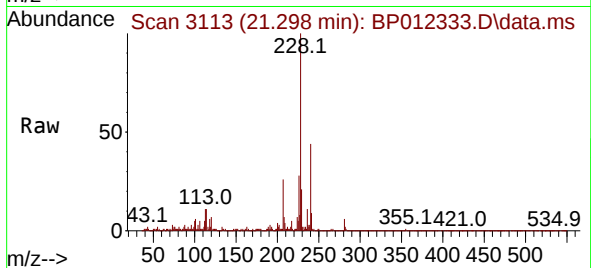
Tgt Ion:228 Resp: 994955

Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.2

226 28.0 22.6 33.8



#87

Chrysene

Concen: 4.805 ng/ul

RT: 21.351 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BP012333.D

Acq: 26 Oct 2022 17:33

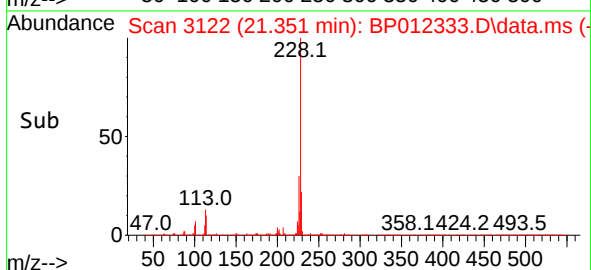
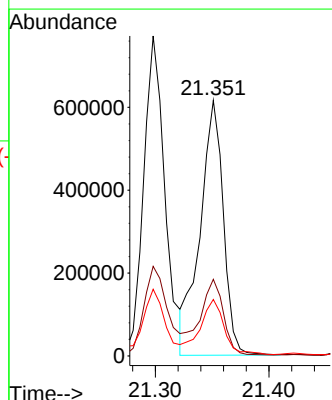
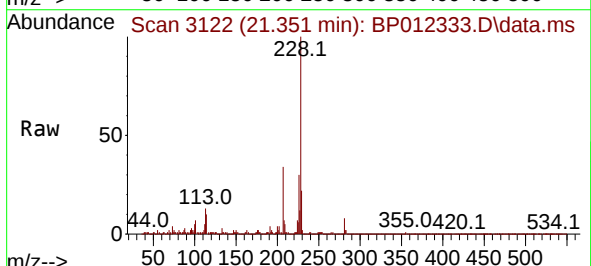
Tgt Ion:228 Resp: 877620

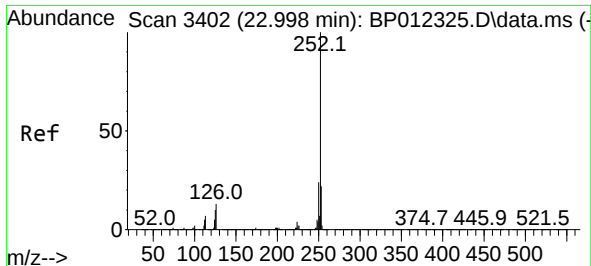
Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

229 22.1 16.0 24.0

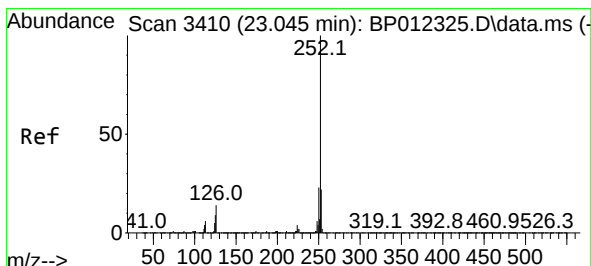
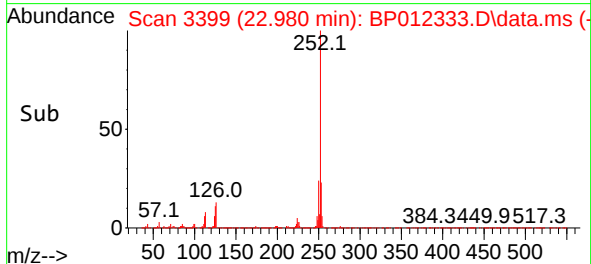
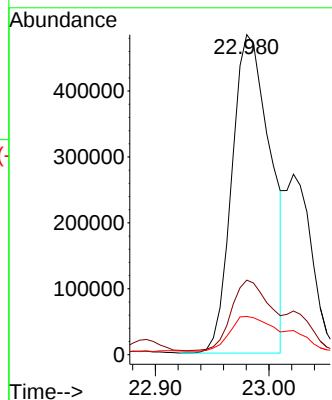
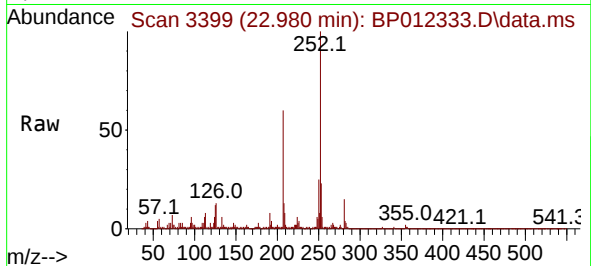




#90
Benzo(b)fluoranthene
Concen: 6.319 ng/ul
RT: 22.980 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

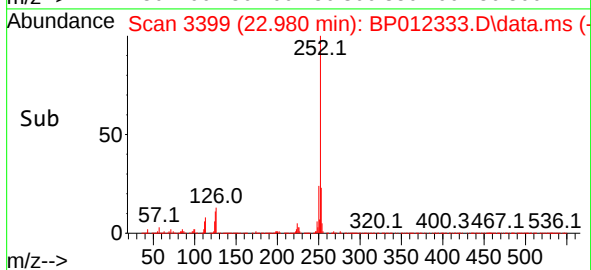
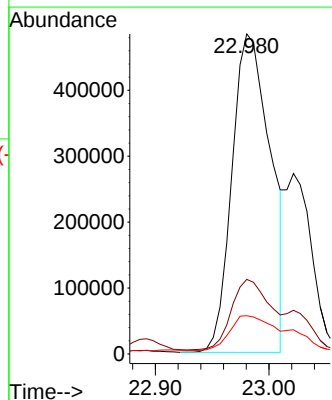
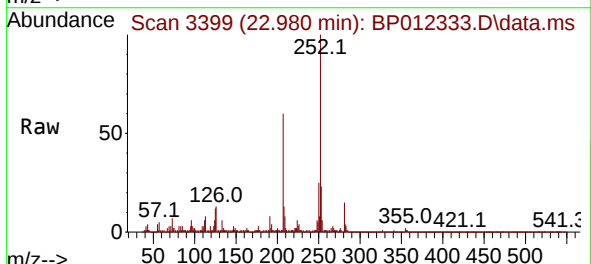
Instrument :
BNA_P
ClientSampleId :

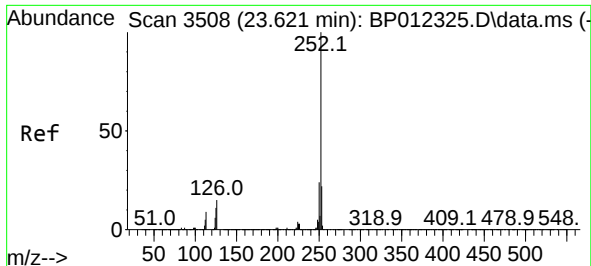
Tgt Ion:252 Resp: 1137029
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 12.0 8.7 13.1



#91
Benzo(k)fluoranthene
Concen: 6.631 ng/ul
RT: 22.980 min Scan# 3399
Delta R.T. -0.047 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

Tgt Ion:252 Resp: 1137029
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.0 8.7 13.1

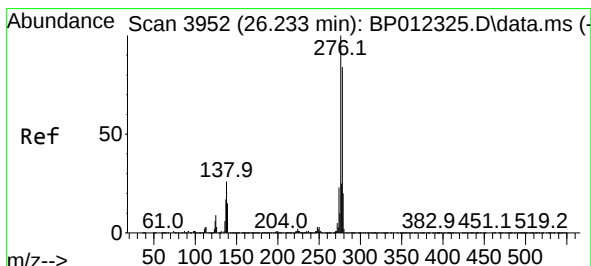
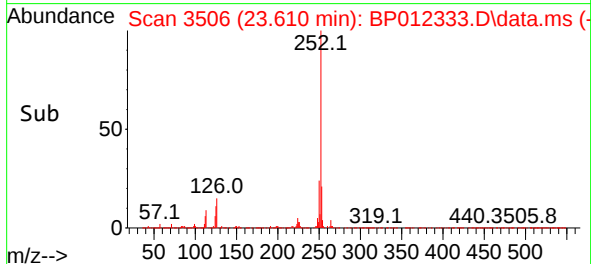
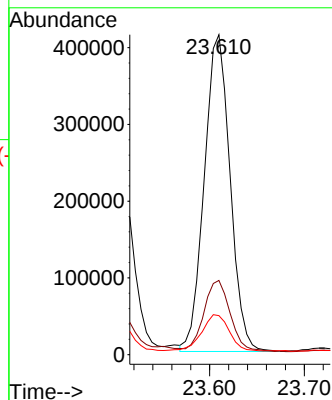
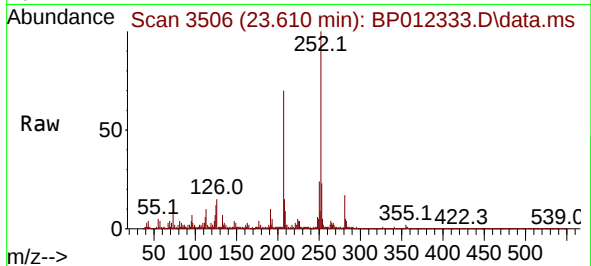




#93
Benzo(a)pyrene
Concen: 4.975 ng/ul
RT: 23.610 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

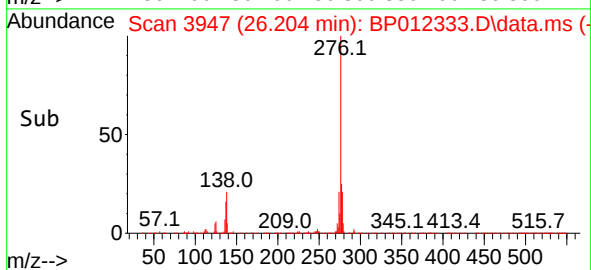
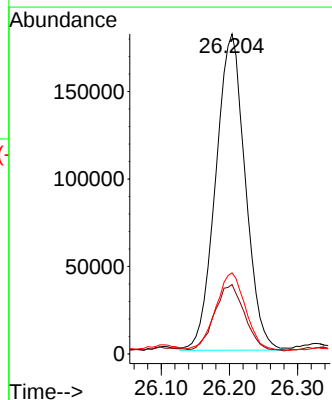
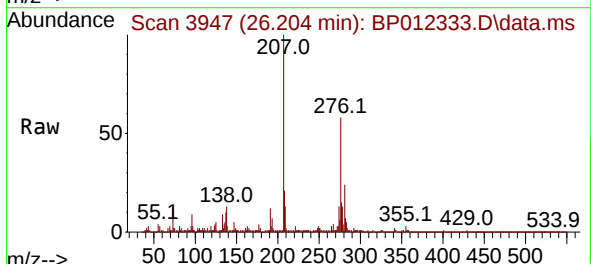
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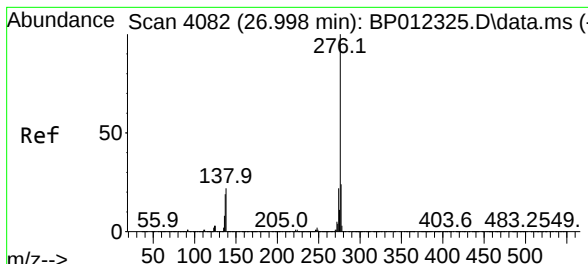
Tgt Ion:252 Resp: 781675
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 12.2 9.4 14.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.785 ng/ul
RT: 26.204 min Scan# 3947
Delta R.T. 0.001 min
Lab File: BP012333.D
Acq: 26 Oct 2022 17:33

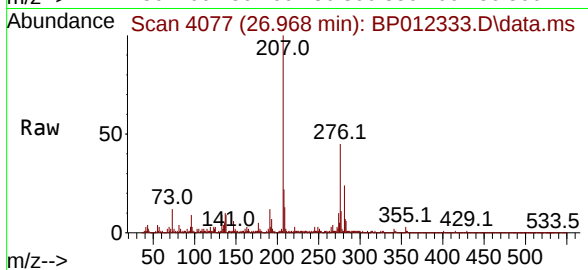
Tgt Ion:276 Resp: 545284
Ion Ratio Lower Upper
276 100
138 27.4 20.7 31.1
277 25.4 20.2 30.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.664 ng/ul
 RT: 26.968 min Scan# 4082
 Delta R.T. -0.006 min
 Lab File: BP012333.D
 Acq: 26 Oct 2022 17:33

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 276 Resp: 461109
 Ion Ratio Lower Upper
 276 100
 138 20.8 17.8 26.8
 277 24.2 19.5 29.3

