

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012086.D
 Acq On : 12 Oct 2022 18:04
 Operator : CG/JU
 Sample : N4976-04
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB8X1

Quant Time: Oct 12 23:09:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

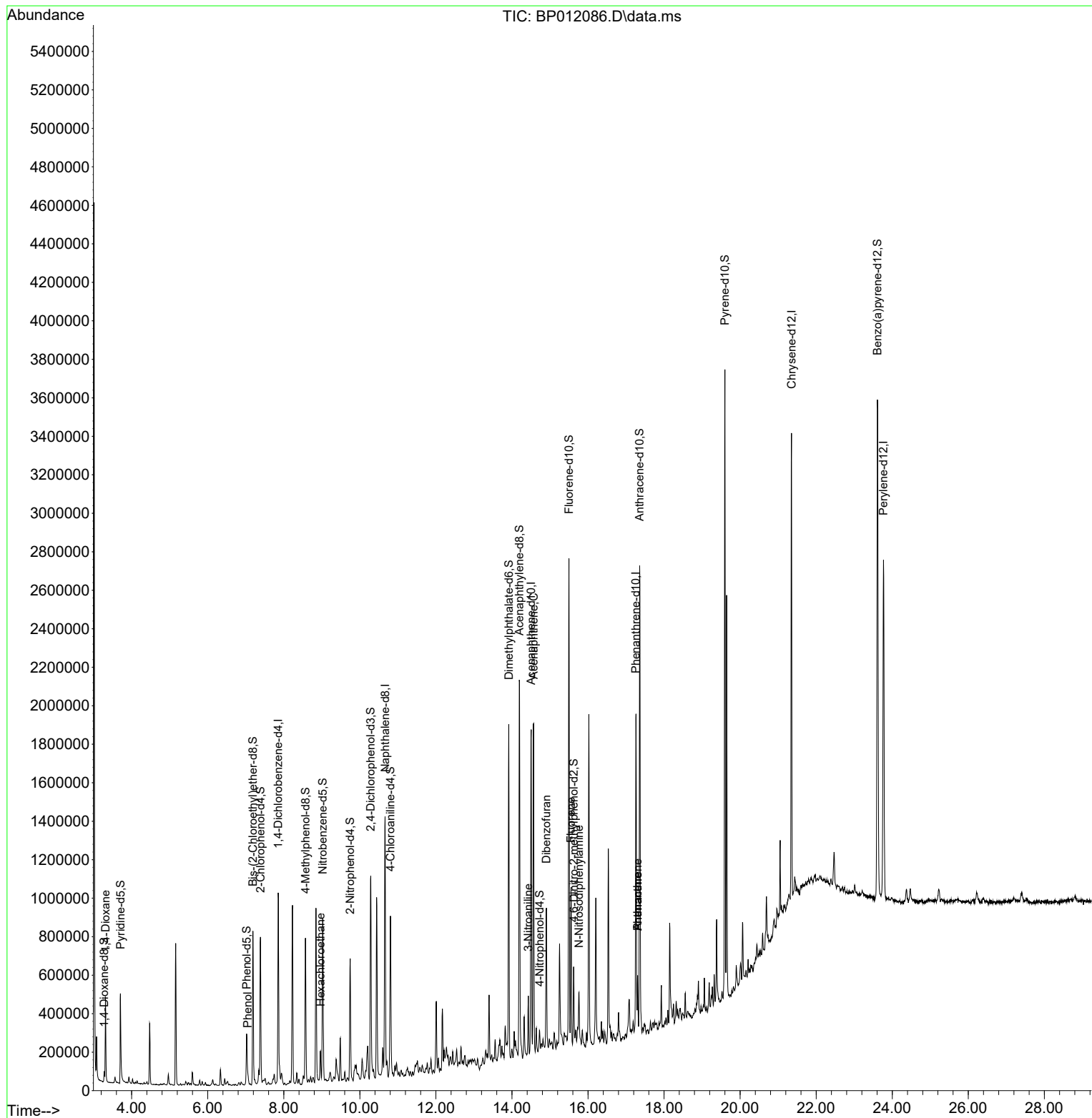
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	298977	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1188744	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	606479	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1043956	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	1146139	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	1290701	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	28479	3.756	ng/uL	0.00
4) Pyridine-d5	3.705	84	283197	14.043	ng/u1	0.00
7) Phenol-d5	7.022	99	170561	7.093	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	343155	25.142	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	410169	21.490	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	301302	16.314	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	242012	28.826	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	242414	28.476	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	433478	26.274	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	502547	20.670	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1200068	31.244	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	1383459	29.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	40168	5.327	ng/u1	0.02
60) Fluorene-d10	15.498	176	980851	28.225	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	87839	15.935	ng/u1	0.00
73) Anthracene-d10	17.357	188	1406071	31.017	ng/u1	0.00
81) Pyrene-d10	19.598	212	1658058	28.238	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	1912919	30.488	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	228876	28.682	ng/uL	99
8) Phenol	7.052	94	27316	1.082	ng/u1	94
19) Hexachloroethane	8.963	117	12142	1.518	ng/u1#	7
51) 3-Nitroaniline	14.428	138	8733	1.047	ng/u1#	1
52) Acenaphthene	14.569	153	725356	18.960	ng/u1	100
56) Dibenzofuran	14.904	168	465416	9.001	ng/u1	99
61) Fluorene	15.551	166	367941	9.065	ng/u1	99
67) N-Nitrosodiphenylamine	15.763	169	52983	1.715	ng/u1	88
72) Phenanthrene	17.304	178	181097	3.190	ng/u1	98
74) Anthracene	17.304	178	181136	3.224	ng/u1	98

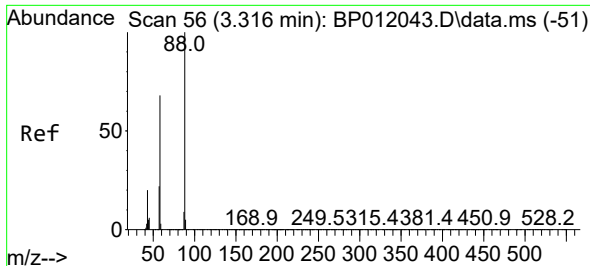
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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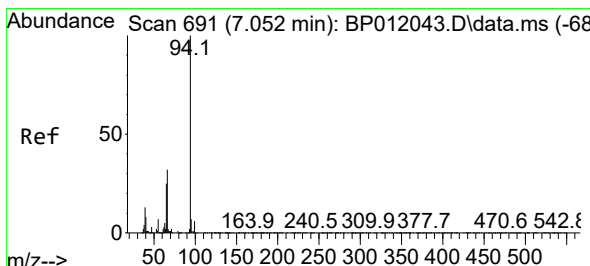
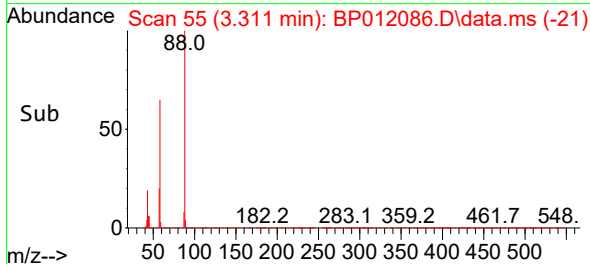
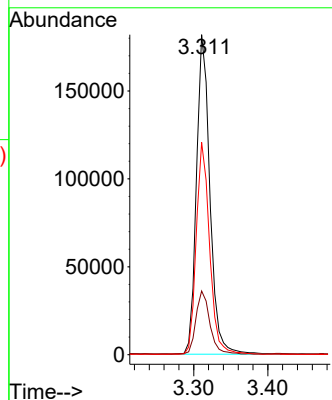
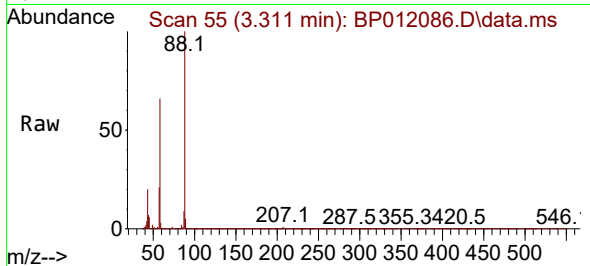




#2
1,4-Dioxane
Concen: 28.682 ng/uL
RT: 3.311 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP012086.D
Acq: 12 Oct 2022 18:04

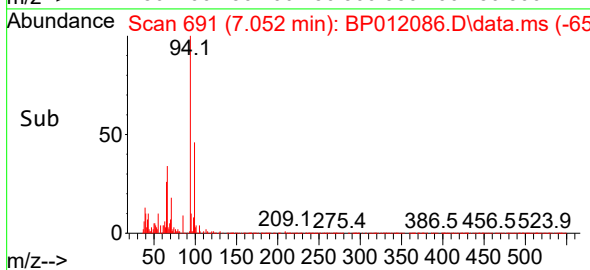
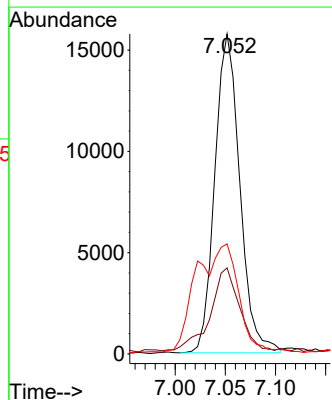
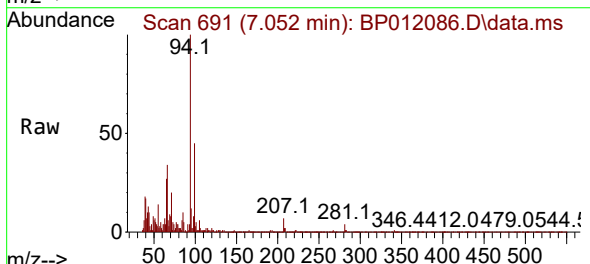
Instrument :
BNA_P
ClientSampleId :
CB8X1

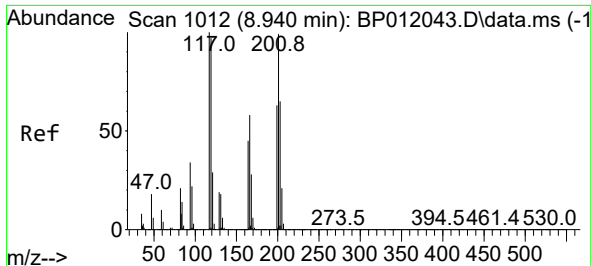
Tgt Ion: 88 Resp: 228876
Ion Ratio Lower Upper
88 100
43 19.9 16.6 25.0
58 66.4 52.6 79.0



#8
Phenol
Concen: 1.082 ng/uL
RT: 7.052 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP012086.D
Acq: 12 Oct 2022 18:04

Tgt Ion: 94 Resp: 27316
Ion Ratio Lower Upper
94 100
65 26.9 19.4 29.0
66 34.4 24.6 37.0





#19

Hexachloroethane

Concen: 1.518 ng/ul

RT: 8.963 min Scan# 1016

Delta R.T. 0.029 min

Lab File: BP012086.D

Acq: 12 Oct 2022 18:04

Instrument :

BNA_P

ClientSampleId :

CB8X1

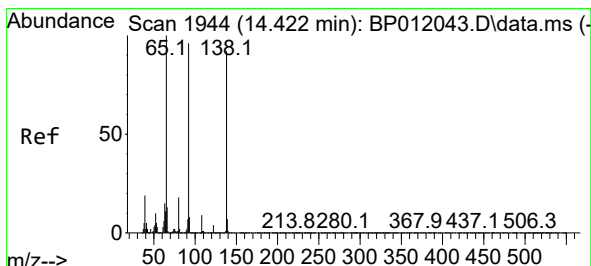
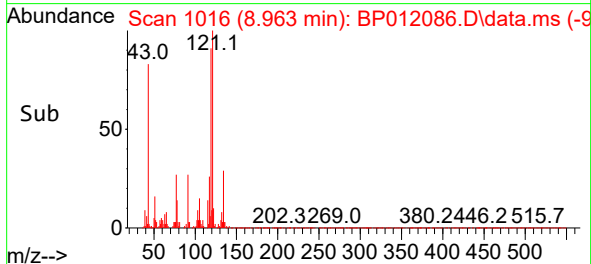
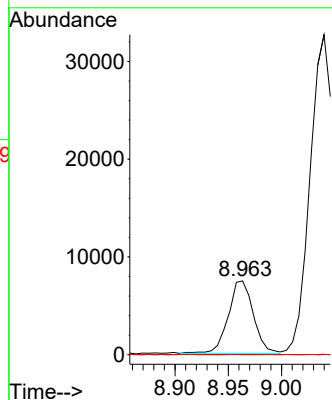
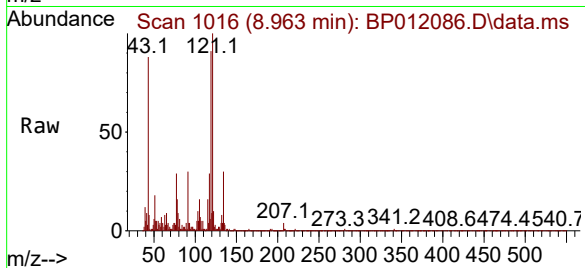
Tgt Ion:117 Resp: 12142

Ion Ratio Lower Upper

117 100

201 0.4 82.3 123.5#

199 0.1 50.0 75.0#



#51

3-Nitroaniline

Concen: 1.047 ng/ul

RT: 14.428 min Scan# 1945

Delta R.T. 0.012 min

Lab File: BP012086.D

Acq: 12 Oct 2022 18:04

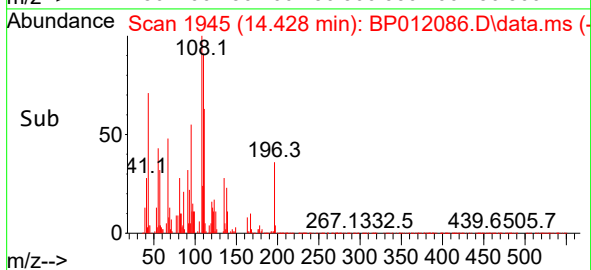
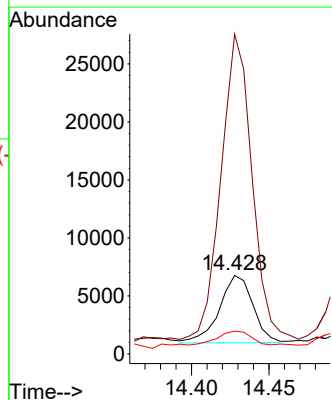
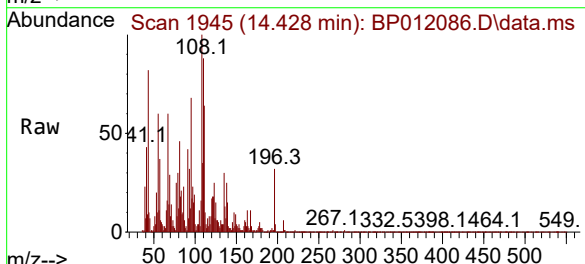
Tgt Ion:138 Resp: 8733

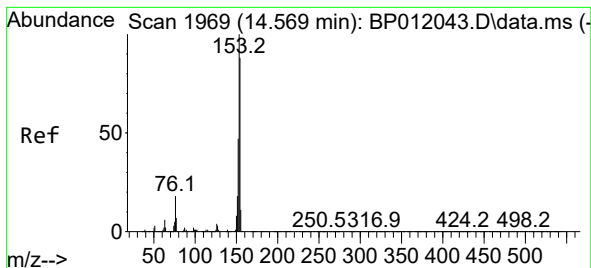
Ion Ratio Lower Upper

138 100

108 407.1 8.5 12.7#

92 29.0 85.8 128.8#





#52

Acenaphthene

Concen: 18.960 ng/ul

RT: 14.569 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BP012086.D

Acq: 12 Oct 2022 18:04

Instrument :

BNA_P

ClientSampleId :

CB8X1

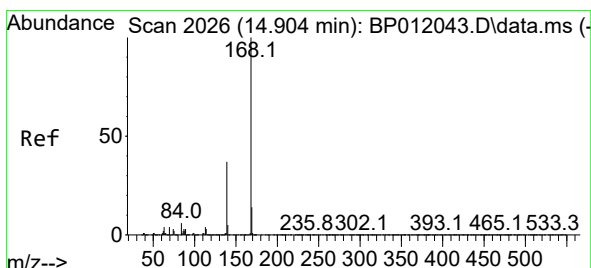
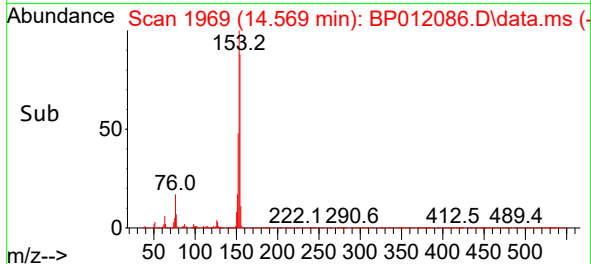
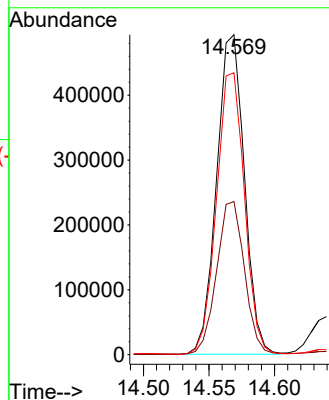
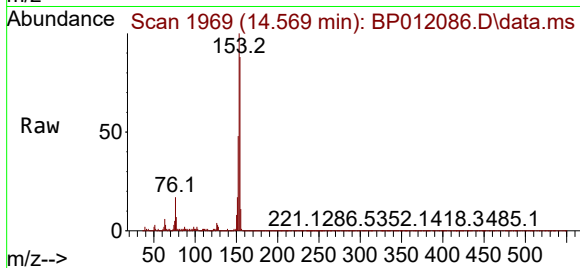
Tgt Ion:153 Resp: 725356

Ion Ratio Lower Upper

153 100

152 47.8 38.2 57.2

154 88.1 70.6 105.8



#56

Dibenzofuran

Concen: 9.001 ng/ul

RT: 14.904 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BP012086.D

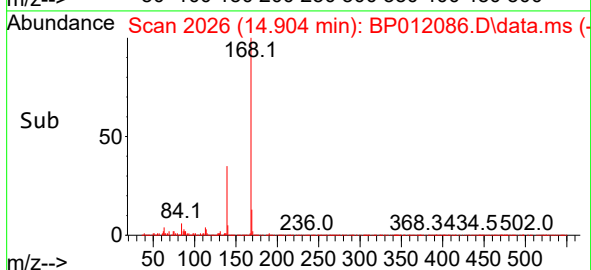
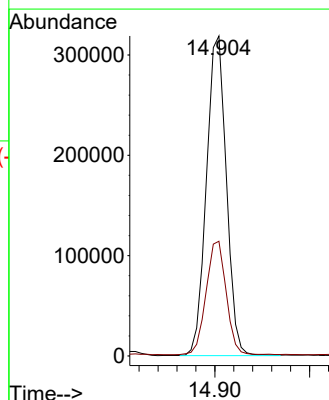
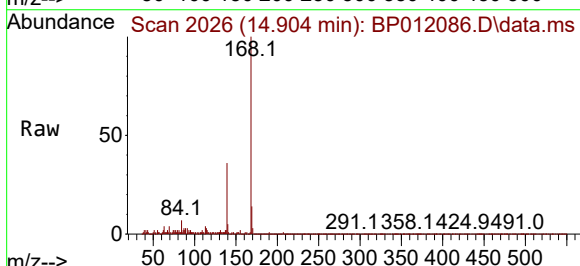
Acq: 12 Oct 2022 18:04

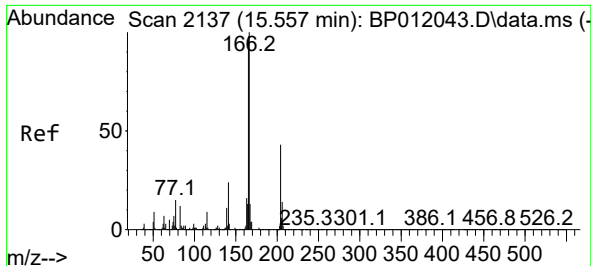
Tgt Ion:168 Resp: 465416

Ion Ratio Lower Upper

168 100

139 35.8 28.2 42.4

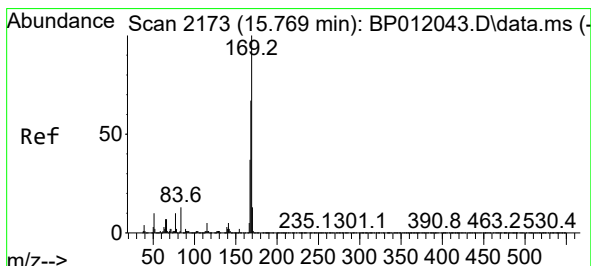
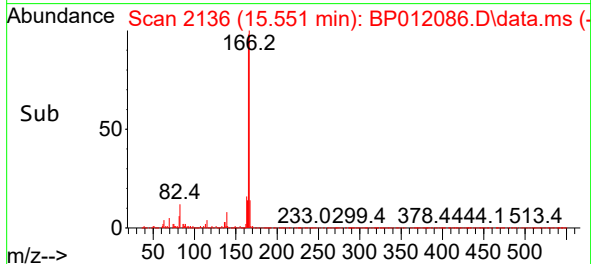
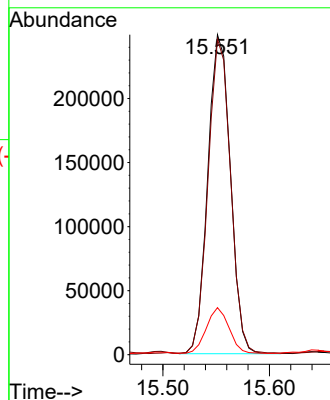
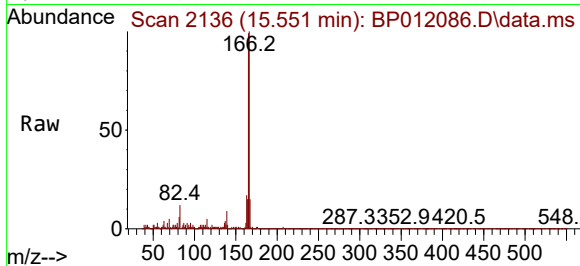




#61
Fluorene
Concen: 9.065 ng/ul
RT: 15.551 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BP012086.D
Acq: 12 Oct 2022 18:04

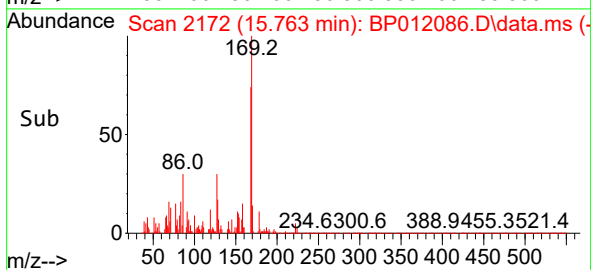
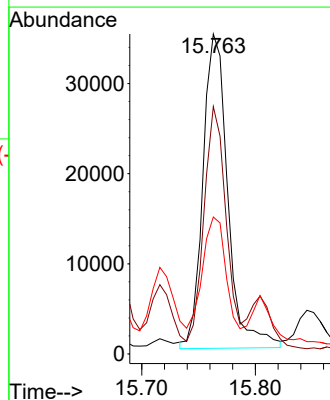
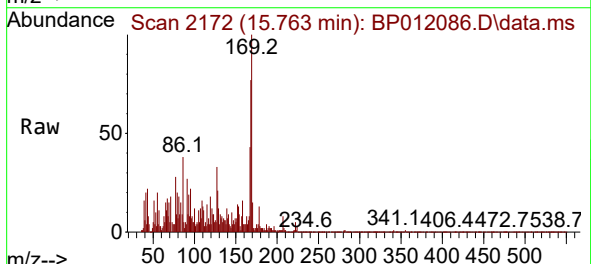
Instrument :
BNA_P
ClientSampleId :
CB8X1

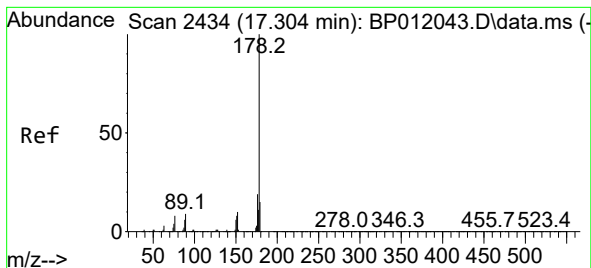
Tgt Ion:166 Resp: 367941
Ion Ratio Lower Upper
166 100
165 98.7 79.5 119.3
167 14.7 10.9 16.3



#67
N-Nitrosodiphenylamine
Concen: 1.715 ng/ul
RT: 15.763 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP012086.D
Acq: 12 Oct 2022 18:04

Tgt Ion:169 Resp: 52983
Ion Ratio Lower Upper
169 100
168 77.3 53.5 80.3
167 42.8 29.5 44.3





#72

Phenanthrene

Concen: 3.190 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BP012086.D

Acq: 12 Oct 2022 18:04

Instrument :

BNA_P

ClientSampleId :

CB8X1

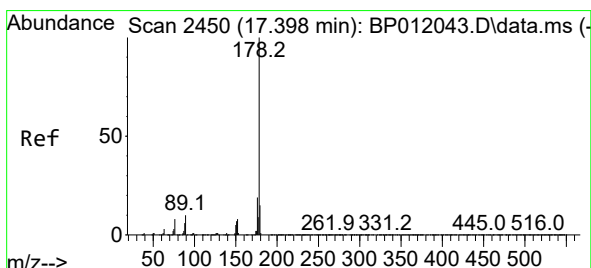
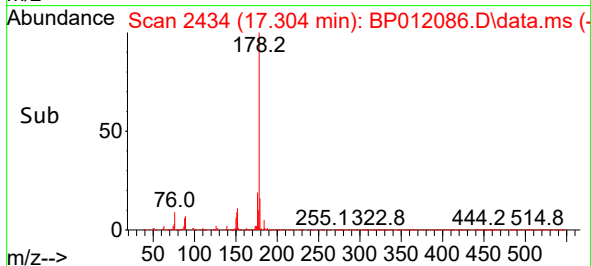
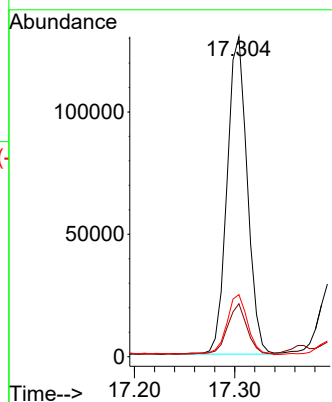
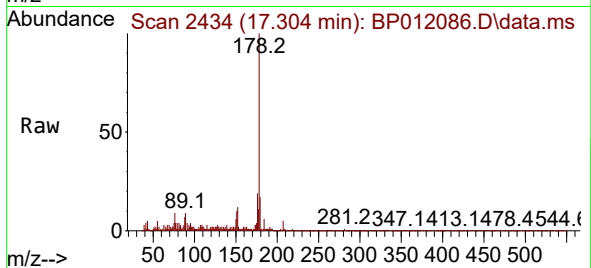
Tgt Ion:178 Resp: 181097

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.4

176 19.4 15.8 23.6



#74

Anthracene

Concen: 3.224 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. -0.088 min

Lab File: BP012086.D

Acq: 12 Oct 2022 18:04

Tgt Ion:178 Resp: 181136

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.4

176 19.4 14.8 22.2

