

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP013975.D
 Acq On : 08 Mar 2023 13:45
 Operator : CG/JU
 Sample : 01746-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAG0

Quant Time: Mar 09 01:12:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

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

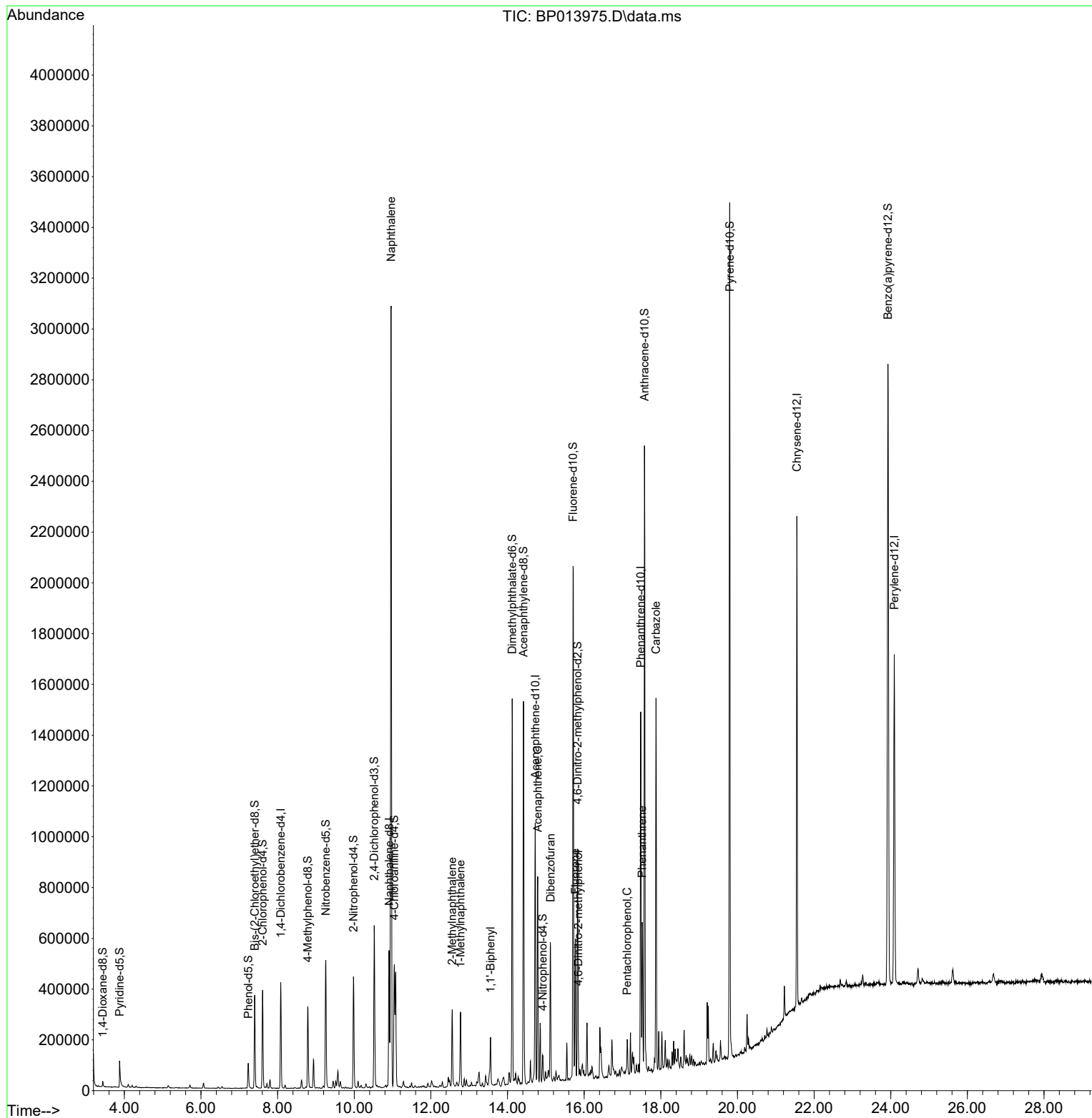
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	105141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	443838	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	329699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	821307	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	933163	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1038767	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	11658	4.189	ng/uL	0.00
4) Pyridine-d5	3.875	84	62008	8.048	ng/ul	0.00
7) Phenol-d5	7.234	99	57031	6.147	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	163104	30.142	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	161990	22.915	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	118591	15.647	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	109256	30.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	125669	29.645	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	221456	27.764	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	241687	22.896	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	937295	33.498	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	946411	31.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	26515	5.377	ng/ul	0.00
60) Fluorene-d10	15.710	176	793490	33.461	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	194188	31.283	ng/ul	0.00
73) Anthracene-d10	17.575	188	1373874	34.458	ng/ul	0.00
81) Pyrene-d10	19.798	212	1800463	34.983	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1938948	35.091	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.963	128	2466415	101.197	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	130171	7.615	ng/ul	100
37) 1-Methylnaphthalene	12.775	142	117271	6.825	ng/ul	95
43) 1,1'-Biphenyl	13.557	154	91793	3.616	ng/ul	99
52) Acenaphthene	14.786	153	321173	14.769	ng/ul	99
56) Dibenzofuran	15.122	168	332173	10.500	ng/ul	100
61) Fluorene	15.769	166	235532	8.981	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.845	198	13509	2.281	ng/ul#	93
71) Pentachlorophenol	17.122	266	10082	1.318	ng/ul	97
72) Phenanthrene	17.516	178	333466	7.444	ng/ul	99
77) Carbazole	17.875	167	853462	21.303	ng/ul	100

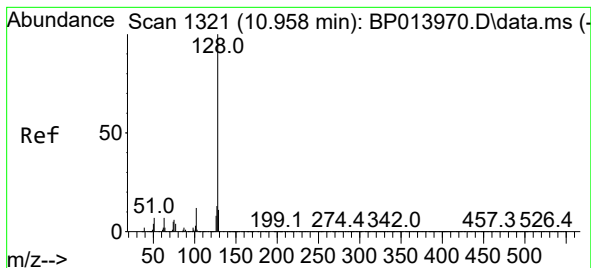
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#30

Naphthalene

Concen: 101.197 ng/ul

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

Instrument :

BNA_P

ClientSampleId :

DCAG0

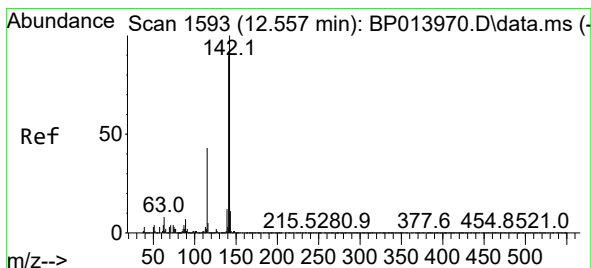
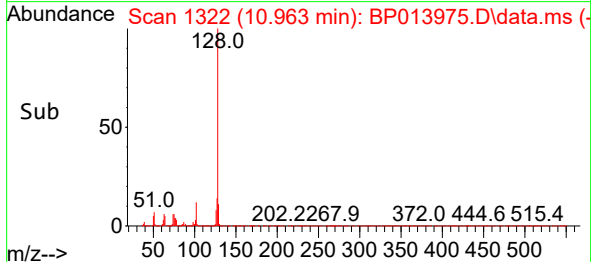
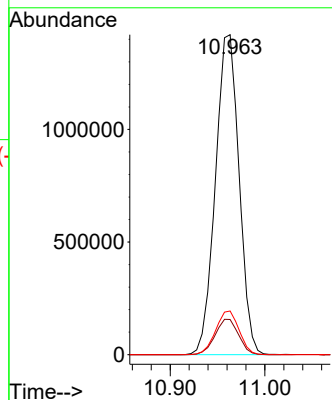
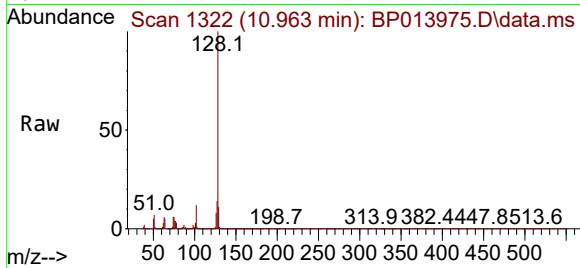
Tgt Ion:128 Resp: 2466415

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.6 11.0 16.4



#36

2-Methylnaphthalene

Concen: 7.615 ng/ul

RT: 12.557 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BP013975.D

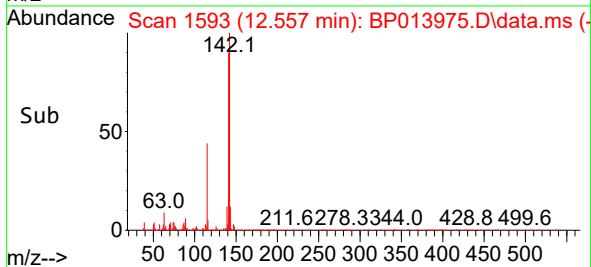
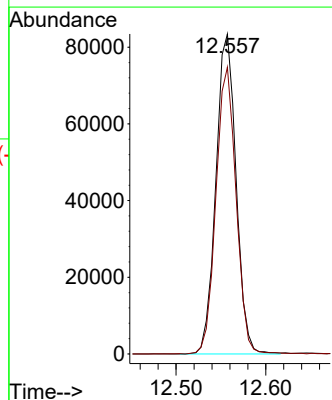
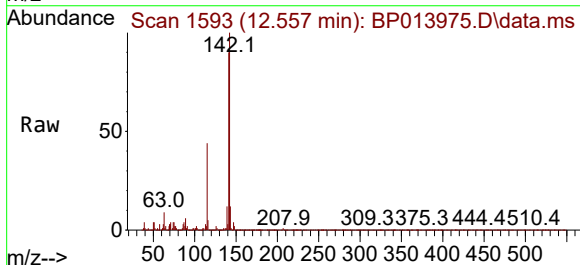
Acq: 08 Mar 2023 13:45

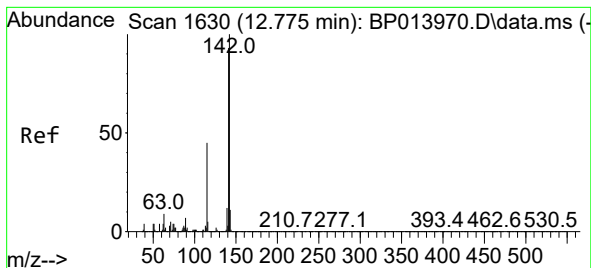
Tgt Ion:142 Resp: 130171

Ion Ratio Lower Upper

142 100

141 89.6 71.7 107.5





#37

1-Methylnaphthalene

Concen: 6.825 ng/ul

RT: 12.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

Instrument :

BNA_P

ClientSampleId :

DCAG0

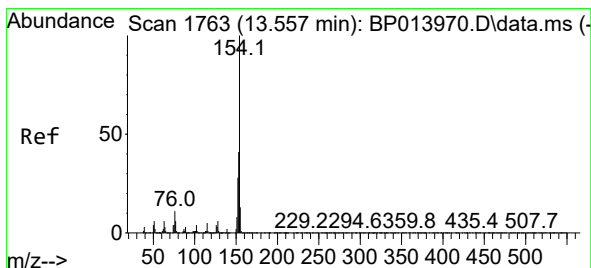
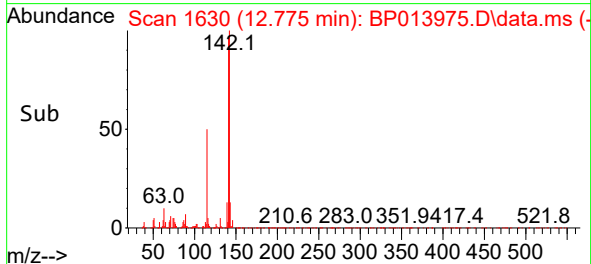
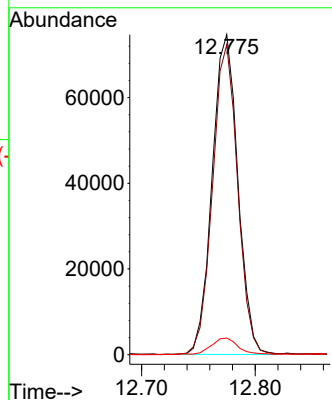
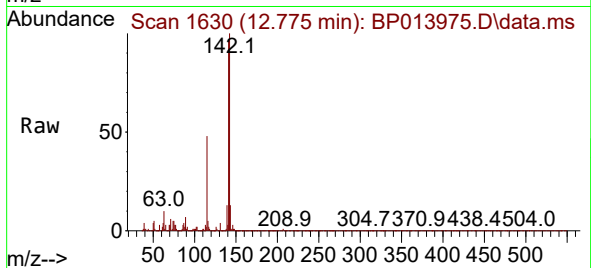
Tgt Ion:142 Resp: 117271

Ion Ratio Lower Upper

142 100

141 96.9 73.8 110.6

116 5.2 3.7 5.5



#43

1,1'-Biphenyl

Concen: 3.616 ng/ul

RT: 13.557 min Scan# 1763

Delta R.T. -0.000 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

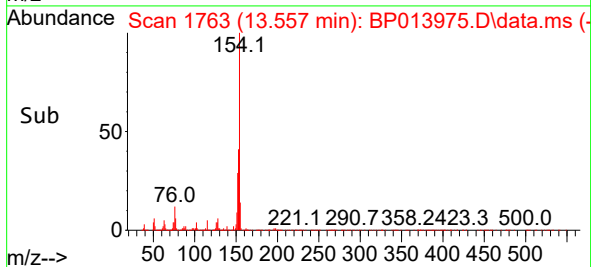
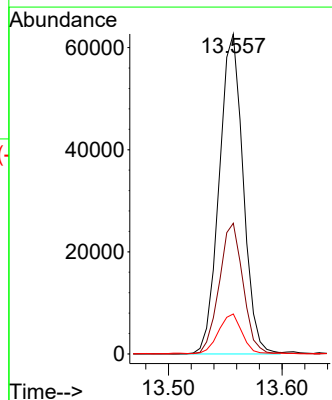
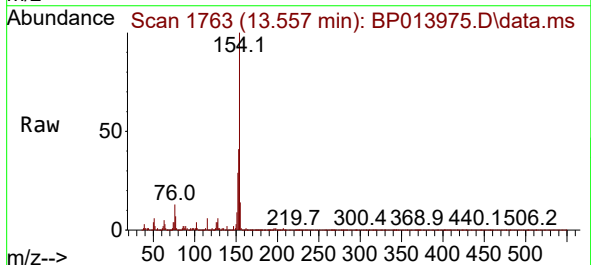
Tgt Ion:154 Resp: 91793

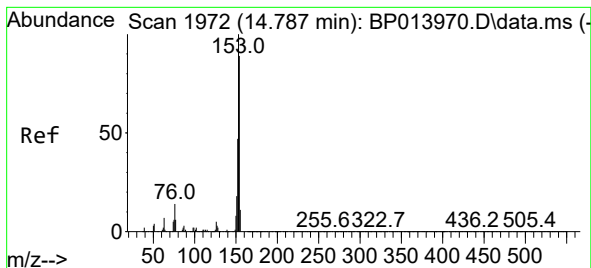
Ion Ratio Lower Upper

154 100

153 40.9 32.6 49.0

76 12.5 9.4 14.0





#52

Acenaphthene

Concen: 14.769 ng/ul

RT: 14.786 min Scan# 1972

Delta R.T. -0.000 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

Instrument :

BNA_P

ClientSampleId :

DCAG0

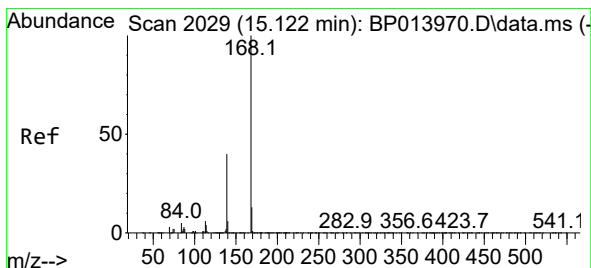
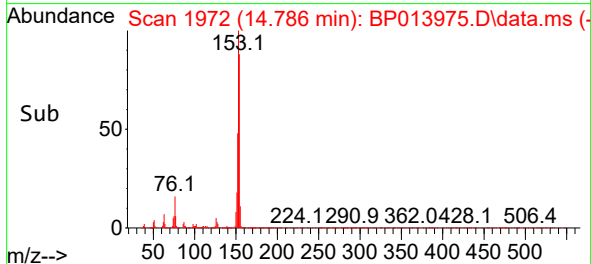
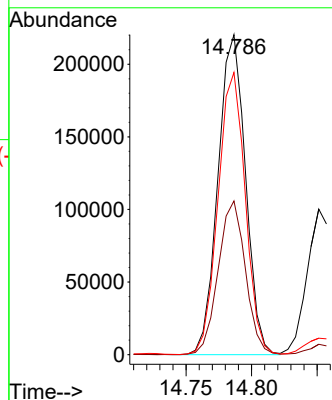
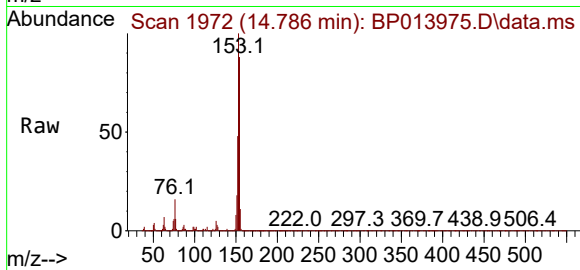
Tgt Ion:153 Resp: 321173

Ion Ratio Lower Upper

153 100

152 48.0 37.7 56.5

154 88.2 70.4 105.6



#56

Dibenzofuran

Concen: 10.500 ng/ul

RT: 15.122 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BP013975.D

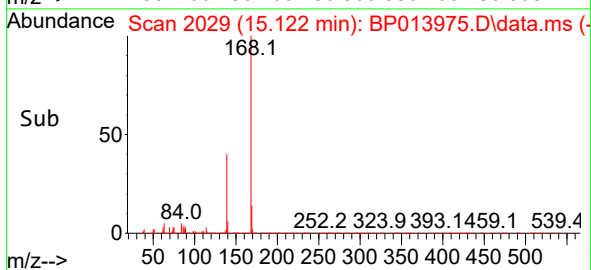
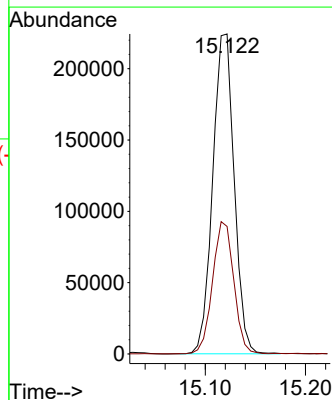
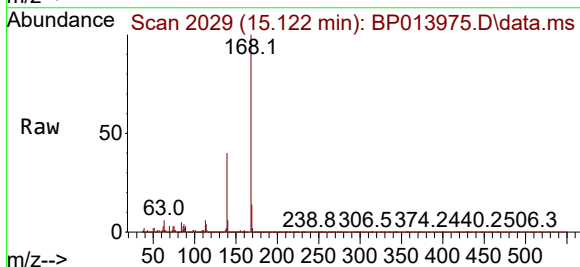
Acq: 08 Mar 2023 13:45

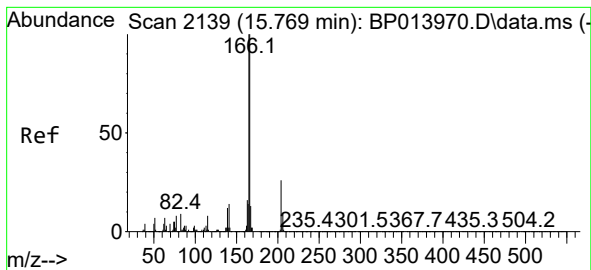
Tgt Ion:168 Resp: 332173

Ion Ratio Lower Upper

168 100

139 39.9 31.8 47.6





#61

Fluorene

Concen: 8.981 ng/ul

RT: 15.769 min Scan# 2139

Delta R.T. -0.000 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

Instrument :

BNA_P

ClientSampleId :

DCAG0

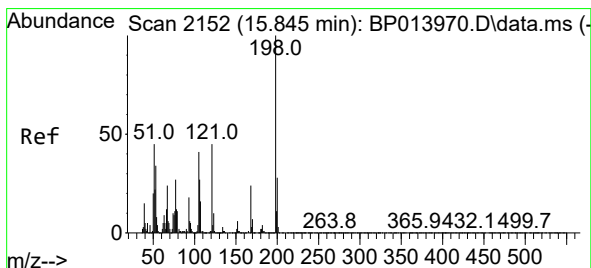
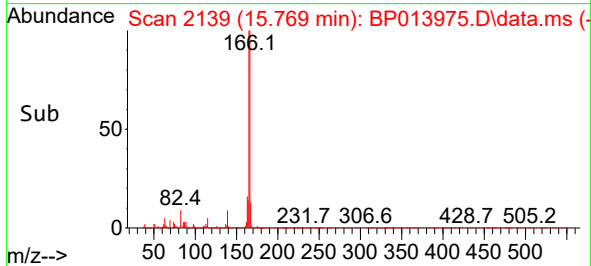
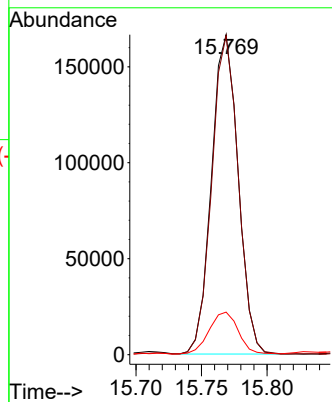
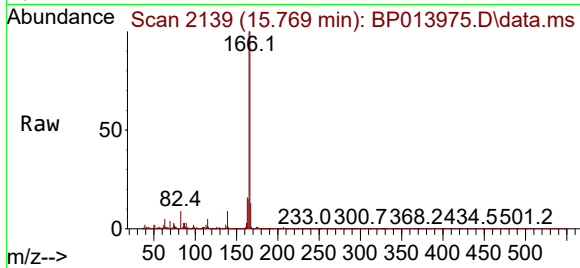
Tgt Ion:166 Resp: 235532

Ion Ratio Lower Upper

166 100

165 99.7 78.9 118.3

167 13.3 11.0 16.6



#66

4,6-Dinitro-2-methylphenol

Concen: 2.281 ng/ul

RT: 15.845 min Scan# 2152

Delta R.T. -0.000 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

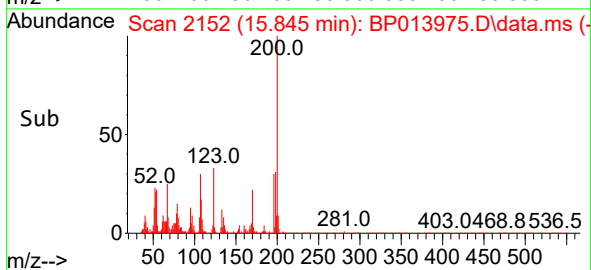
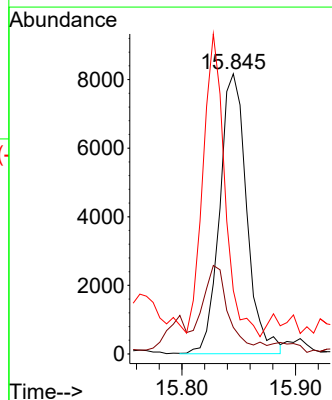
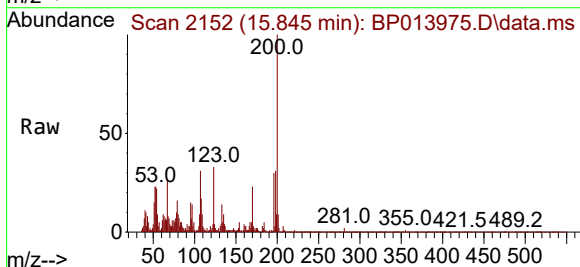
Tgt Ion:198 Resp: 13509

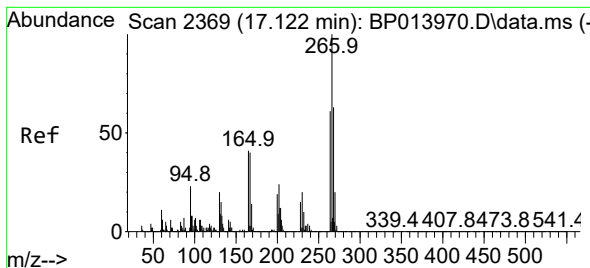
Ion Ratio Lower Upper

198 100

182 9.5 3.0 4.6#

77 22.7 20.3 30.5





#71

Pentachlorophenol

Concen: 1.318 ng/ul

RT: 17.122 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

Instrument :

BNA_P

ClientSampleId :

DCAG0

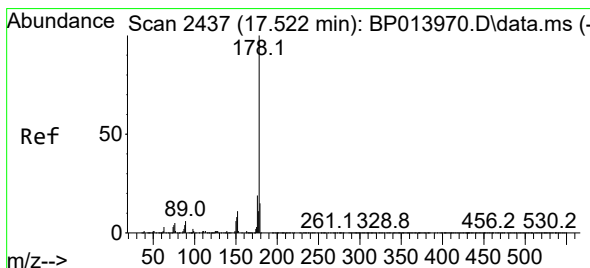
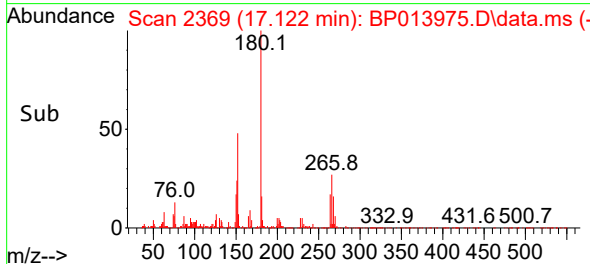
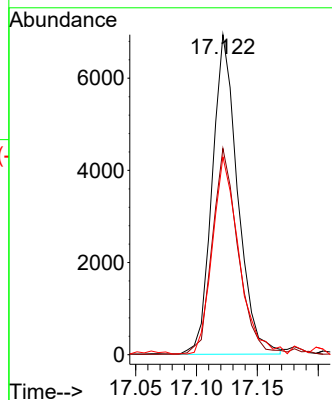
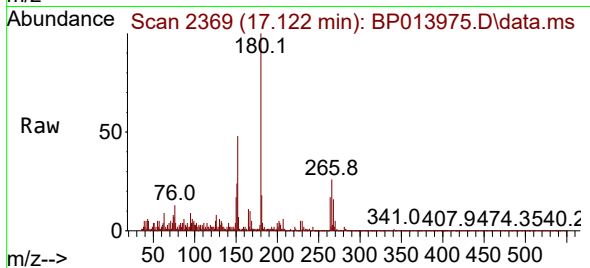
Tgt Ion:266 Resp: 10082

Ion Ratio Lower Upper

266 100

264 64.5 48.4 72.6

268 61.8 50.4 75.6



#72

Phenanthrene

Concen: 7.444 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP013975.D

Acq: 08 Mar 2023 13:45

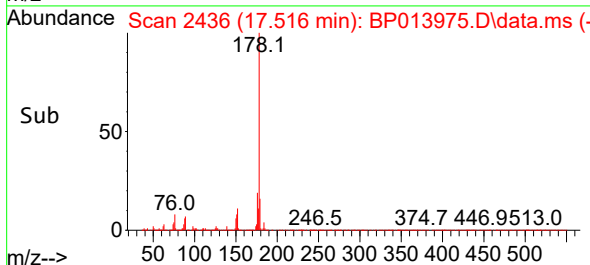
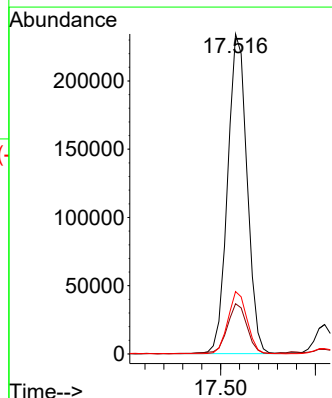
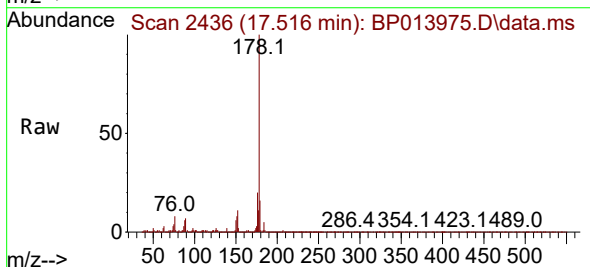
Tgt Ion:178 Resp: 333466

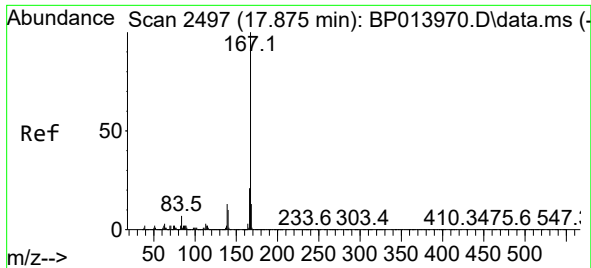
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

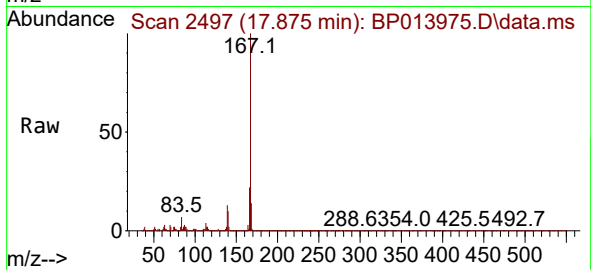
176 19.5 15.4 23.0





#77
 Carbazole
 Concen: 21.303 ng/ul
 RT: 17.875 min Scan# 2497
 Delta R.T. -0.000 min
 Lab File: BP013975.D
 Acq: 08 Mar 2023 13:45

Instrument :
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 ClientSampleId :
 DCAG0



Tgt Ion:167 Resp: 853462
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.2 10.5 15.7

