

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016872.D
 Acq On : 30 Aug 2023 14:56
 Operator : MA/JU
 Sample : 04159-06
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 00:50:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

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

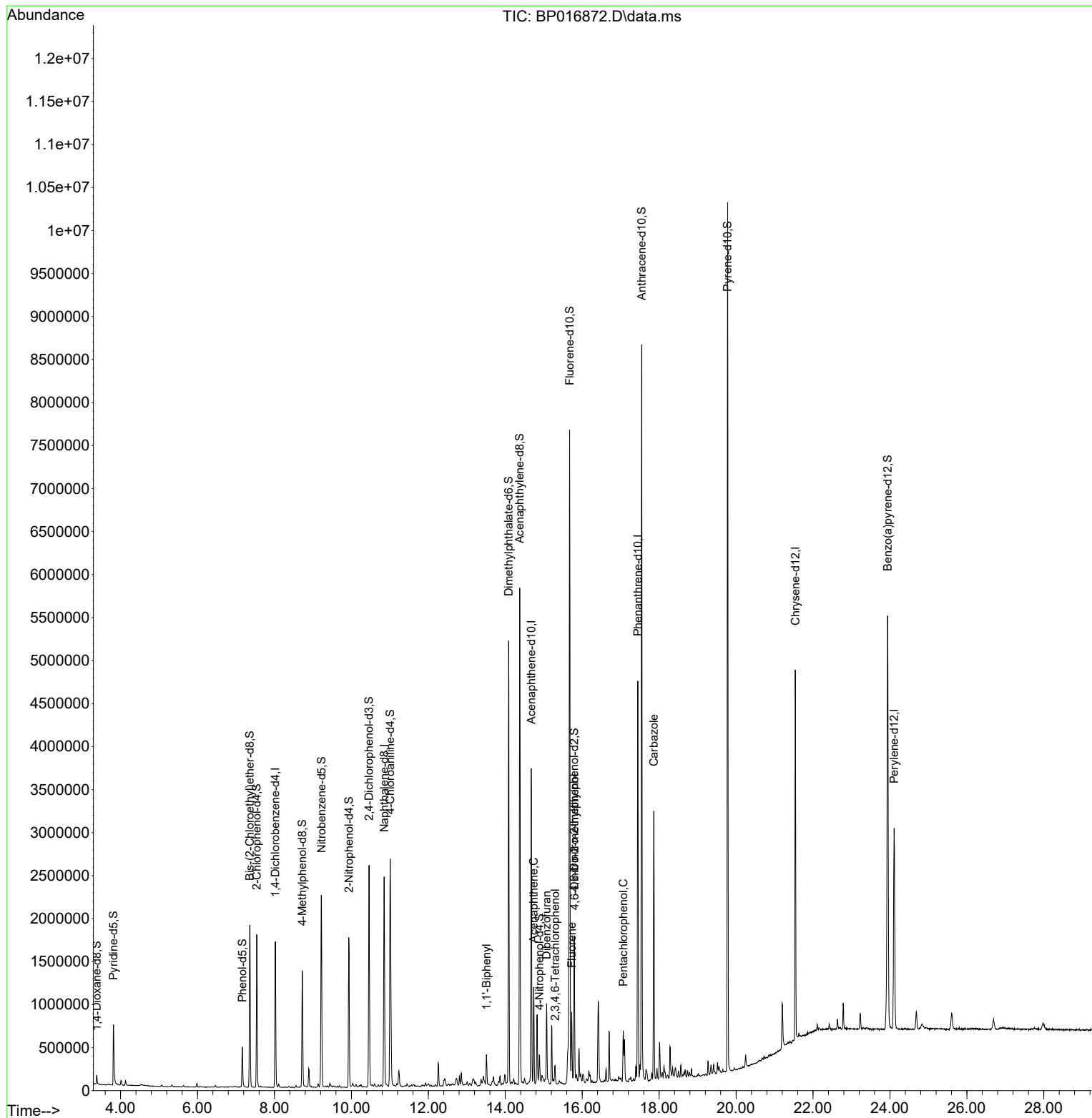
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	437510	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1914647	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	1190316	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2593882	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1891554	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1759859	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	53359	5.041	ng/uL	0.00
4) Pyridine-d5	3.817	84	407130	12.585	ng/ul	0.00
7) Phenol-d5	7.164	99	255632	6.571	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	837991	33.797	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	757272	25.889	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	499416	15.725	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	513746	35.488	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	520675	34.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	900954	31.670	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	1246877	28.581	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	3278715	36.525	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	3624551	35.718	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	78702	4.242	ng/ul	0.00
60) Fluorene-d10	15.675	176	2807640	37.141	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	300451	19.450	ng/ul	0.00
73) Anthracene-d10	17.545	188	4530386	39.403	ng/ul	0.00
81) Pyrene-d10	19.781	212	4932968	47.484	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	3467248	39.332	ng/ul	0.00
Target Compounds						
					Qvalue	
43) 1,1'-Biphenyl	13.510	154	130014	1.469	ng/ul	99
52) Acenaphthene	14.740	153	435812	5.672	ng/ul	99
56) Dibenzofuran	15.075	168	557159	5.285	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.293	232	37508	1.797	ng/ul#	97
61) Fluorene	15.728	166	312256	3.541	ng/ul#	97
66) 4,6-Dinitro-2-methylph...	15.798	198	44080	2.647	ng/ul#	57
71) Pentachlorophenol	17.069	266	61914	2.995	ng/ul	97
77) Carbazole	17.863	167	1824086	14.668	ng/ul	100

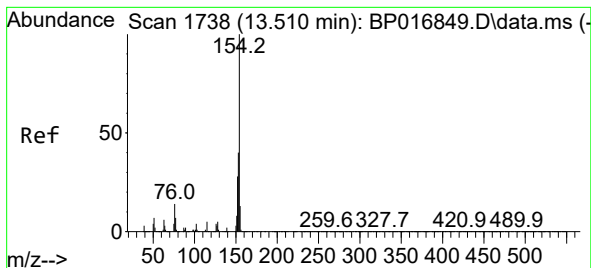
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#43

1,1'-Biphenyl

Concen: 1.469 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016872.D

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Instrument :

BNA_P

ClientSampleId :

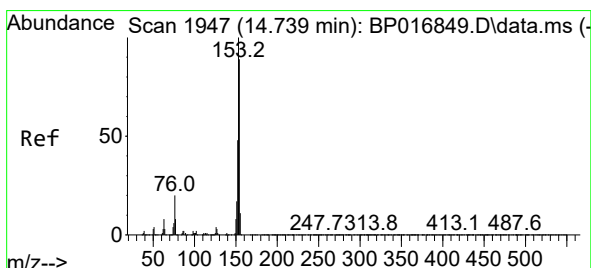
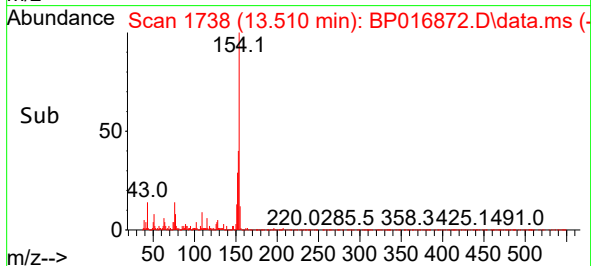
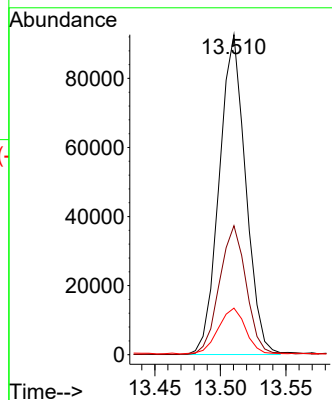
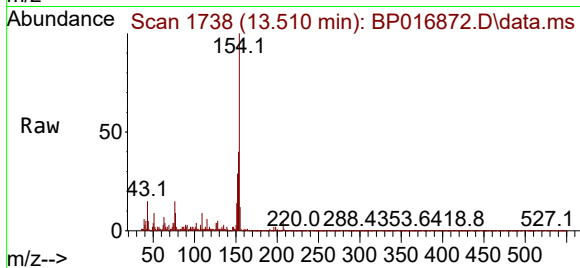
Tgt Ion:154 Resp: 130014

Ion Ratio Lower Upper

154 100

153 40.3 32.7 49.1

76 14.6 11.3 16.9



#52

Acenaphthene

Concen: 5.672 ng/ul

RT: 14.740 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP016872.D

Acq: 30 Aug 2023 14:56

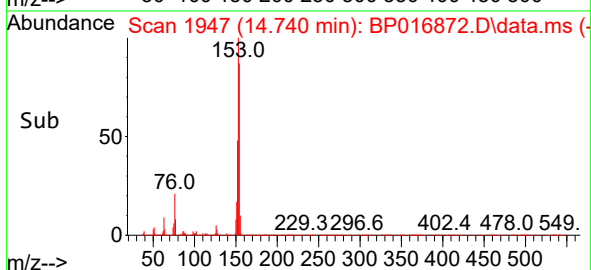
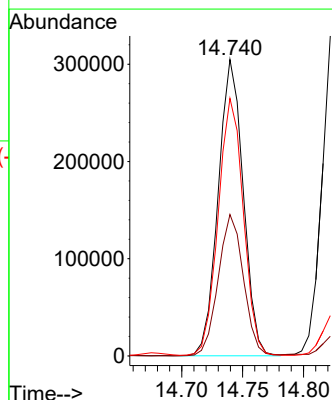
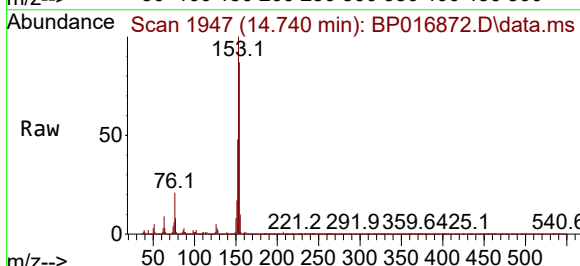
Tgt Ion:153 Resp: 435812

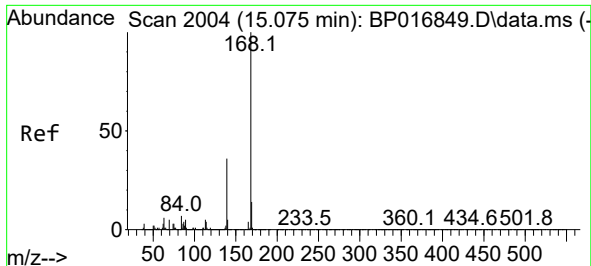
Ion Ratio Lower Upper

153 100

152 47.7 38.5 57.7

154 86.9 70.6 105.8

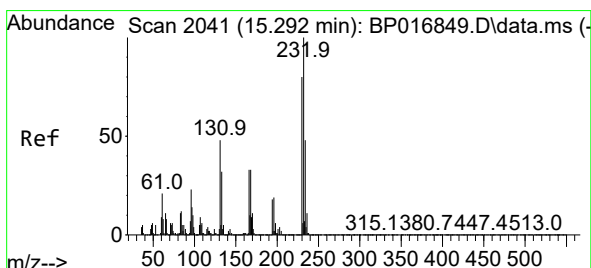
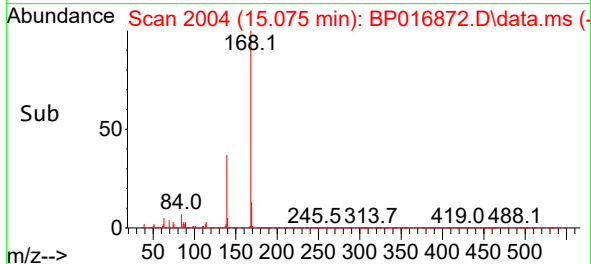
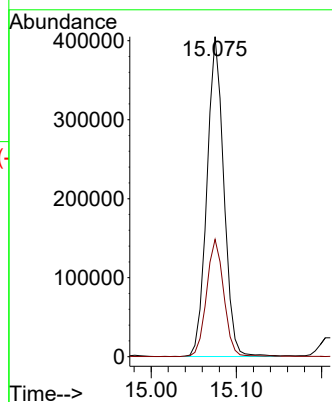
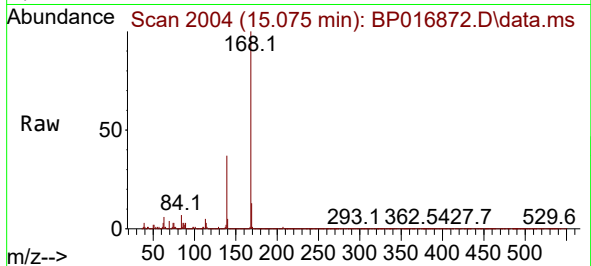




#56
Dibenzenofuran
Concen: 5.285 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016872.D
Acq: 30 Aug 2023 14:56

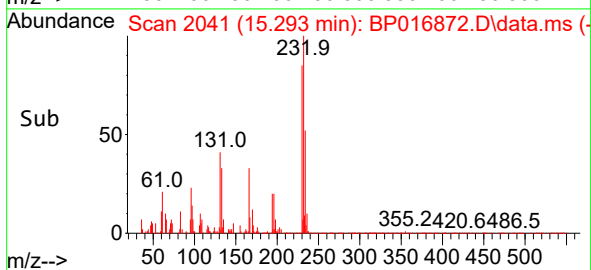
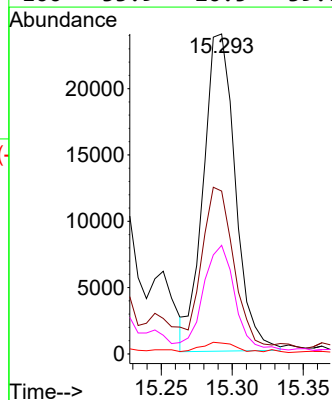
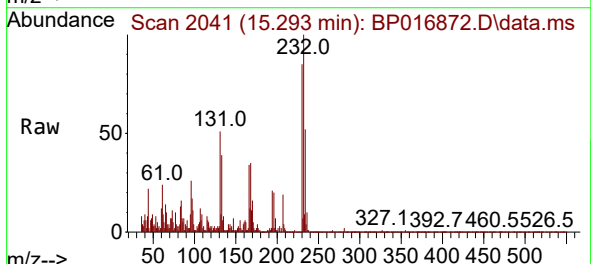
Instrument :
BNA_P
ClientSampleId :

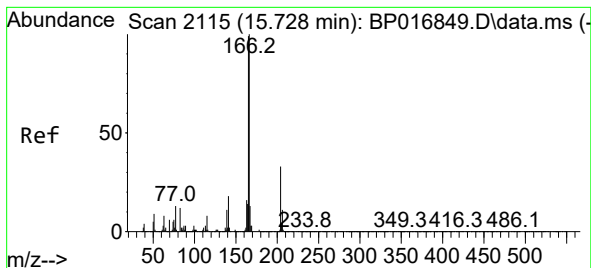
Tgt Ion:168 Resp: 557159
Ion Ratio Lower Upper
168 100
139 36.7 29.2 43.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.797 ng/ul
RT: 15.293 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP016872.D
Acq: 30 Aug 2023 14:56

Tgt Ion:232 Resp: 37508
Ion Ratio Lower Upper
232 100
131 50.9 38.1 57.1
130 3.4 1.9 2.9#
166 33.9 26.5 39.7





#61

Fluorene

Concen: 3.541 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BP016872.D

Acq: 30 Aug 2023 14:56

Instrument :

BNA_P

ClientSampleId :

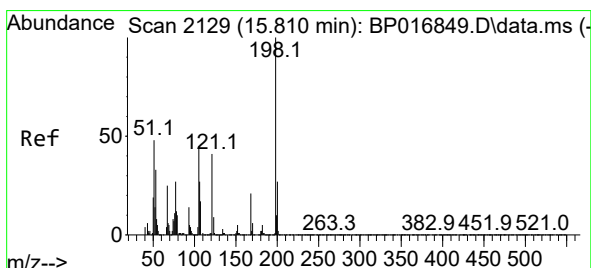
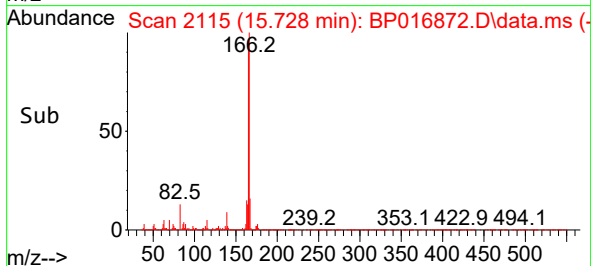
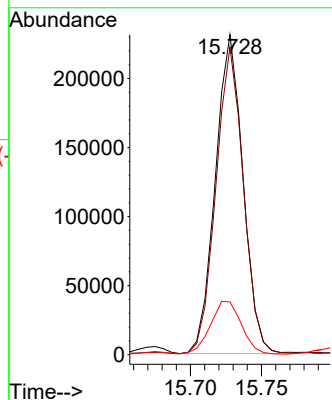
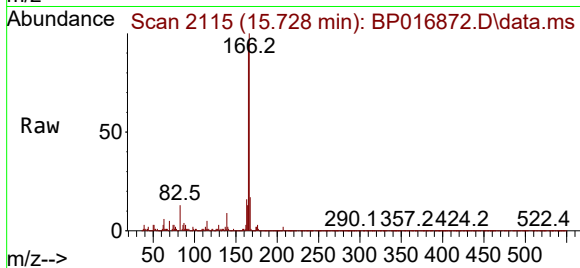
Tgt Ion:166 Resp: 312256

Ion Ratio Lower Upper

166 100

165 96.1 78.8 118.2

167 16.5 10.9 16.3#



#66

4,6-Dinitro-2-methylphenol

Concen: 2.647 ng/ul

RT: 15.798 min Scan# 2127

Delta R.T. -0.012 min

Lab File: BP016872.D

Acq: 30 Aug 2023 14:56

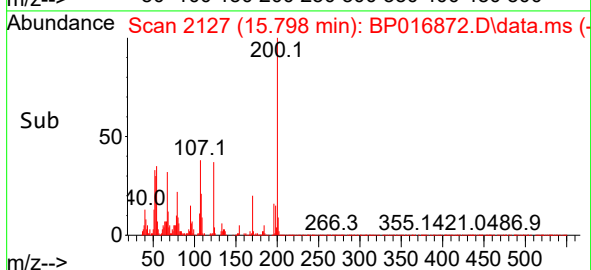
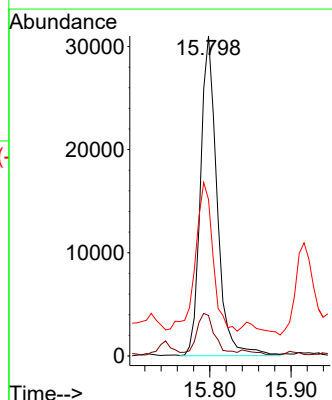
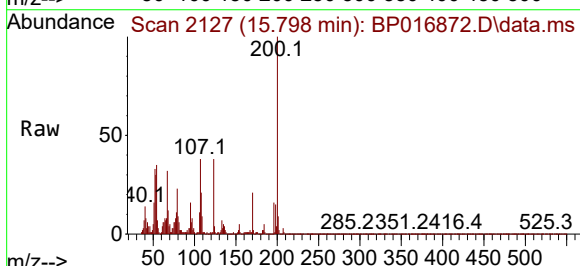
Tgt Ion:198 Resp: 44080

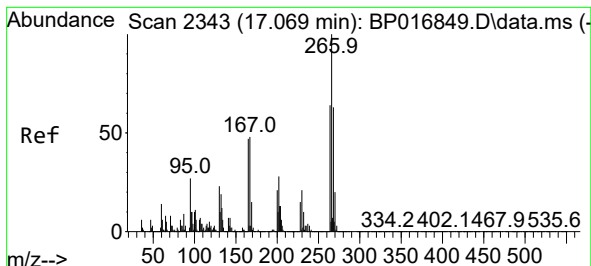
Ion Ratio Lower Upper

198 100

182 12.7 3.2 4.8#

77 48.9 20.7 31.1#





#71

Pentachlorophenol

Concen: 2.995 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. 0.000 min

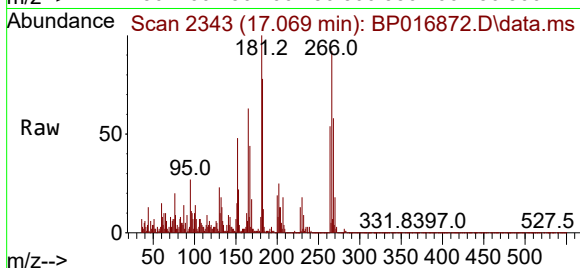
Lab File: BP016872.D

Acq: 30 Aug 2023 14:56

Instrument :

BNA_P

ClientSampleId :



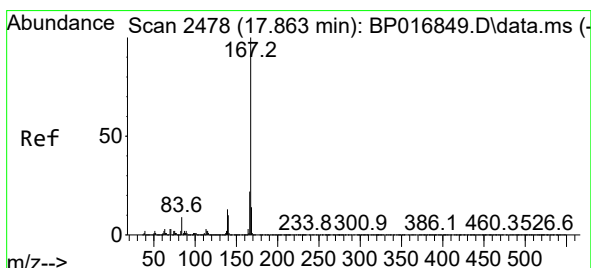
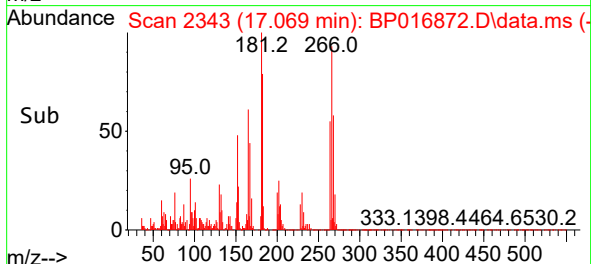
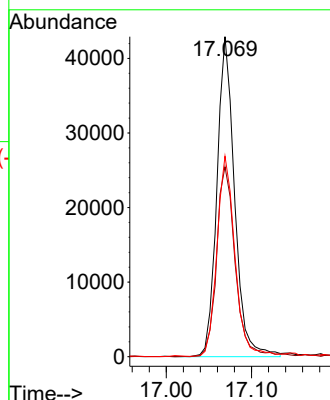
Tgt Ion:266 Resp: 61914

Ion Ratio Lower Upper

266 100

264 59.3 50.7 76.1

268 62.6 50.8 76.2



#77

Carbazole

Concen: 14.668 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016872.D

Acq: 30 Aug 2023 14:56

Tgt Ion:167 Resp: 1824086

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.0 10.4 15.6

