

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014348.D
 Acq On : 28 Mar 2023 17:31
 Operator : CG/JU
 Sample : 02087-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QF8

Quant Time: Mar 29 04:10:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:11:25 2023
 Response via : Initial Calibration

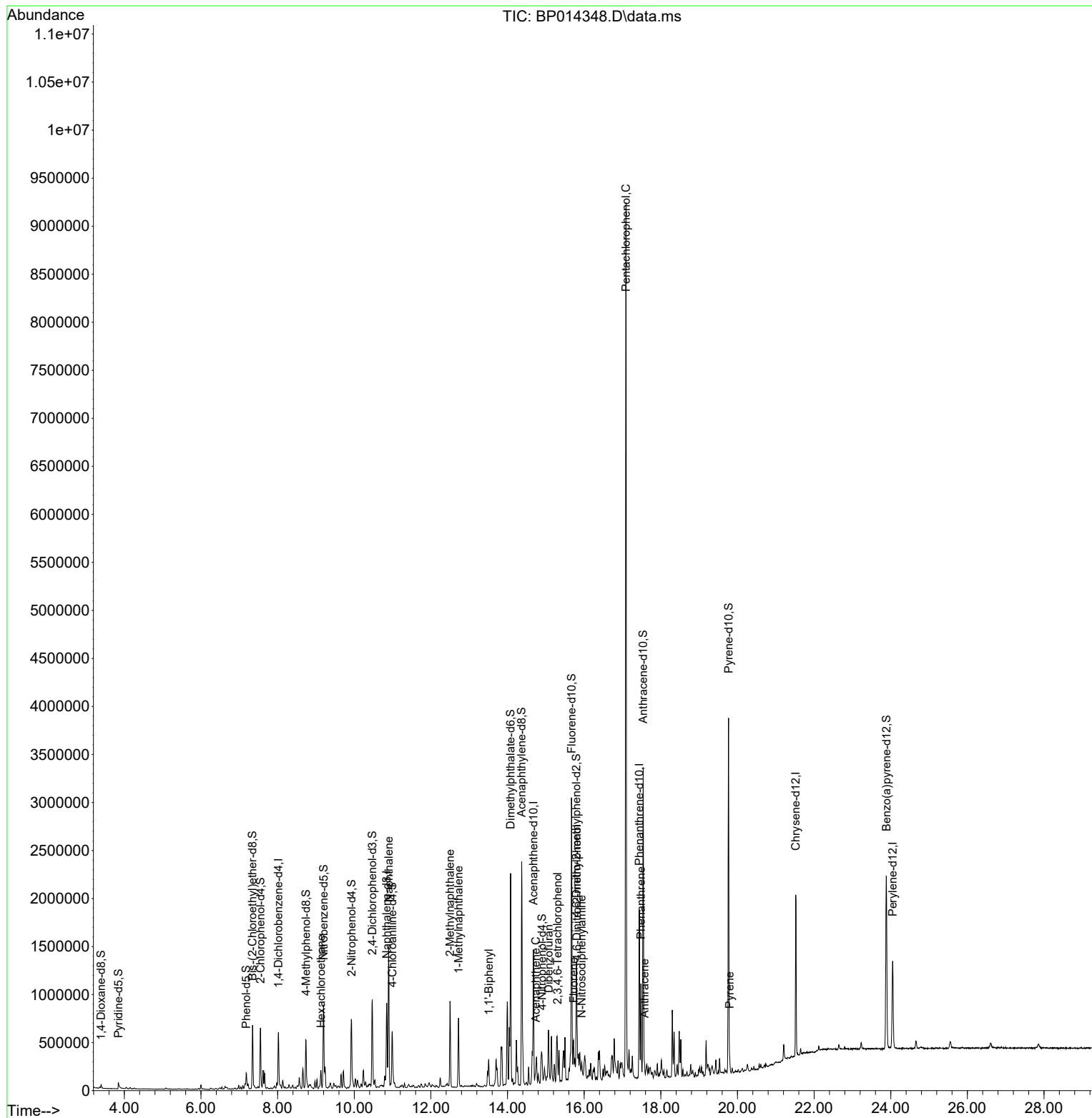
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	149429	20.000	ng/ul	0.00
20) Naphthalene-d8	10.846	136	670213	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	443494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	983232	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	836042	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	724907	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	17980	4.666	ng/uL	0.00
4) Pyridine-d5	3.846	84	44992	4.556	ng/ul	0.02
7) Phenol-d5	7.181	99	99837	7.245	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	300040	33.933	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	261103	26.214	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	193827	17.436	ng/ul	0.00
21) Nitrobenzene-d5	9.199	128	175036	32.351	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	197061	31.807	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	323238	28.648	ng/ul	0.00
31) 4-Chloroaniline-d4	10.993	131	292573	19.686	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	1276219	35.491	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1381331	34.619	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	31557	5.809	ng/ul	0.01
60) Fluorene-d10	15.669	176	1072199	35.755	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	244074	33.736	ng/ul	0.00
73) Anthracene-d10	17.539	188	1668873	35.072	ng/ul	0.00
81) Pyrene-d10	19.769	212	1951223	34.746	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	1375203	35.707	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.134	117	20032	4.422	ng/ul#	3
30) Naphthalene	10.899	128	1054960	28.259	ng/ul	99
36) 2-Methylnaphthalene	12.498	142	401363	15.864	ng/ul	99
37) 1-Methylnaphthalene	12.722	142	302828	12.069	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	134126	3.743	ng/ul	100
52) Acenaphthene	14.740	153	65248	2.173	ng/ul	96
56) Dibenzofuran	15.075	168	61160	1.449	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.304	232	40736	4.351	ng/ul#	91
61) Fluorene	15.728	166	140385	4.103	ng/ul#	98
66) 4,6-Dinitro-2-methylph...	15.810	198	83714	11.940	ng/ul#	68
67) N-Nitrosodiphenylamine	15.934	169	45388	1.484	ng/ul#	66
71) Pentachlorophenol	17.092	266	1654125	203.168	ng/ul	100
72) Phenanthrene	17.481	178	532433	9.733	ng/ul	99
74) Anthracene	17.575	178	84606	1.535	ng/ul	97
82) Pyrene	19.792	202	96433	1.391	ng/ul	100

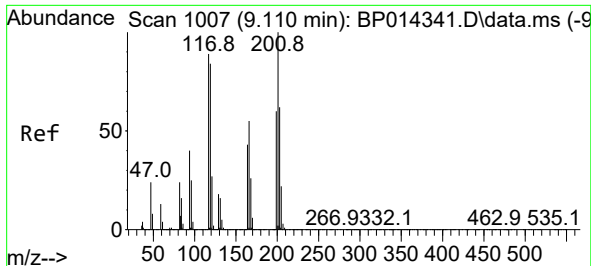
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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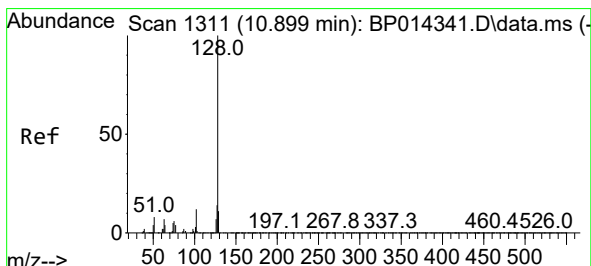
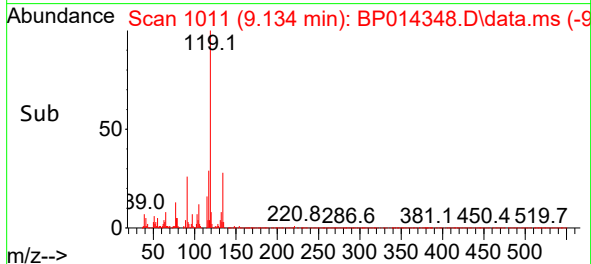
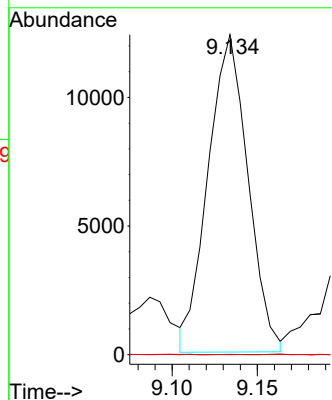
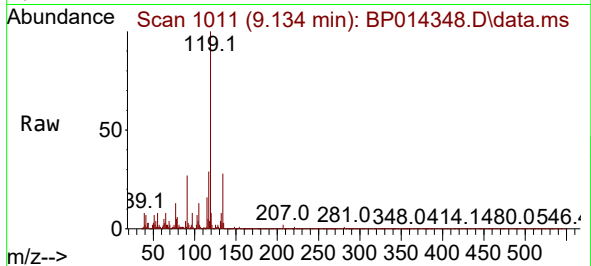




#19
Hexachloroethane
Concen: 4.422 ng/ul
RT: 9.134 min Scan# 1011
Delta R.T. 0.024 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

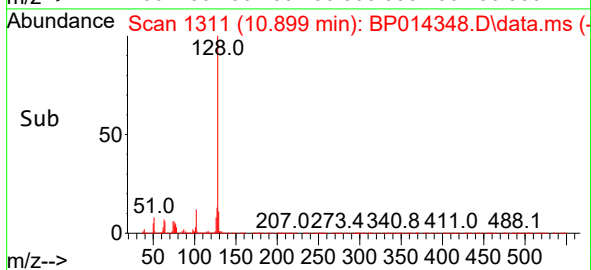
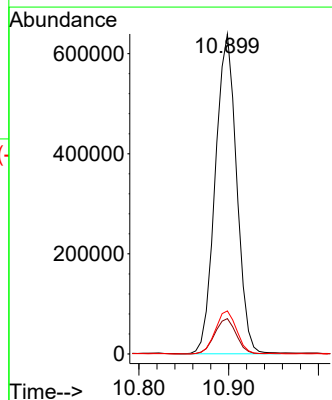
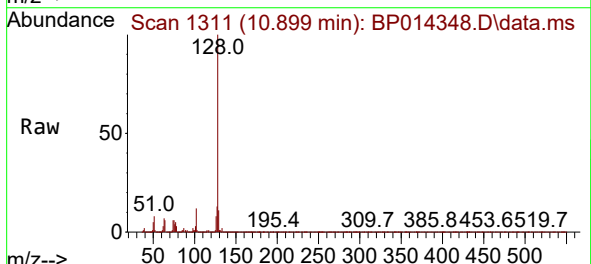
Instrument :
BNA_P
ClientSampleId :
C0QF8

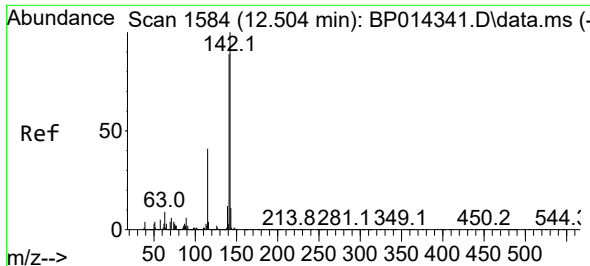
Tgt Ion:117 Resp: 20032
Ion Ratio Lower Upper
117 100
201 0.0 90.2 135.4#
199 0.1 54.2 81.2#



#30
Naphthalene
Concen: 28.259 ng/ul
RT: 10.899 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

Tgt Ion:128 Resp: 1054960
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 11.0 16.6

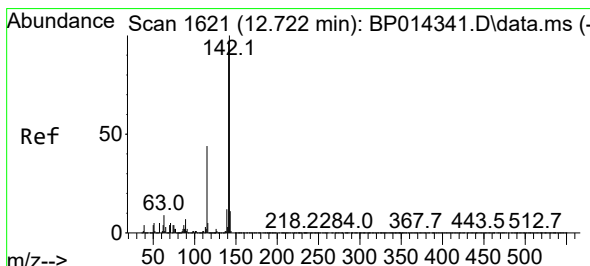
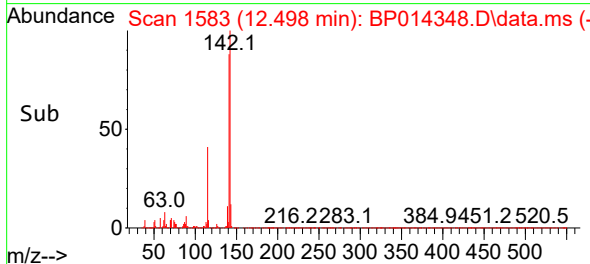
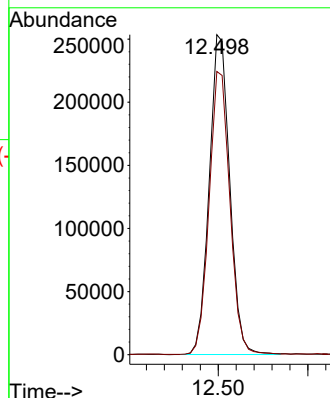
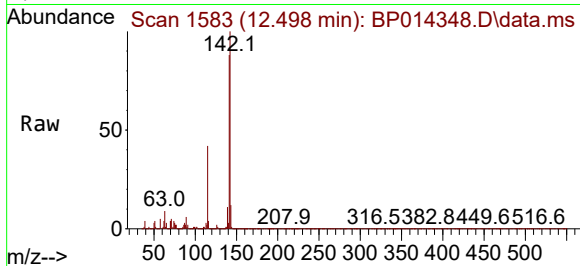




#36
2-Methylnaphthalene
Concen: 15.864 ng/ul
RT: 12.498 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

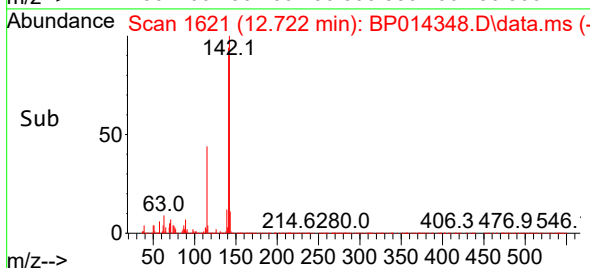
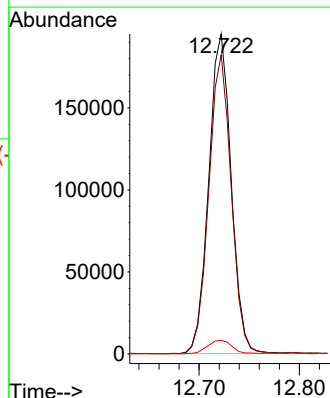
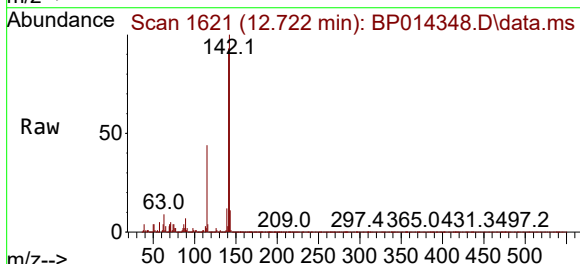
Instrument :
BNA_P
ClientSampleId :
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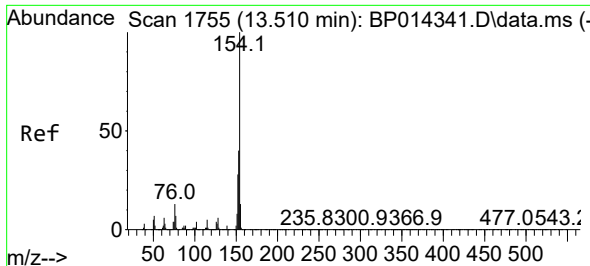
Tgt Ion:142 Resp: 401363
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4



#37
1-Methylnaphthalene
Concen: 12.069 ng/ul
RT: 12.722 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

Tgt Ion:142 Resp: 302828
Ion Ratio Lower Upper
142 100
141 93.4 76.6 114.8
116 4.2 3.6 5.4

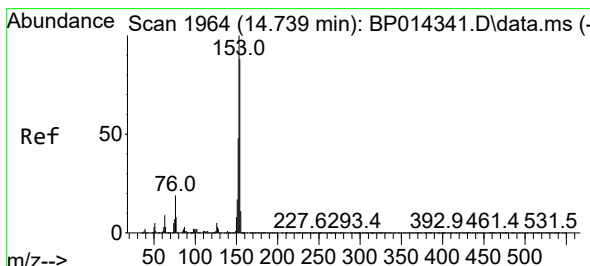
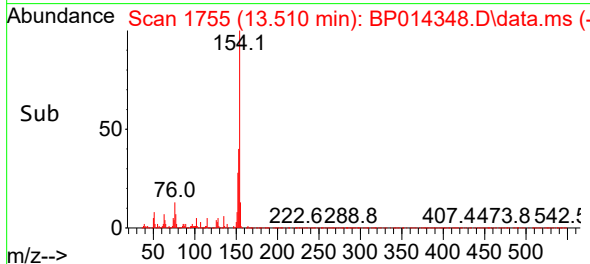
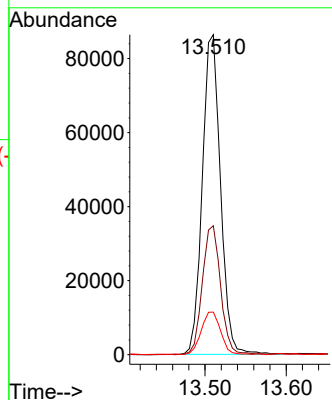
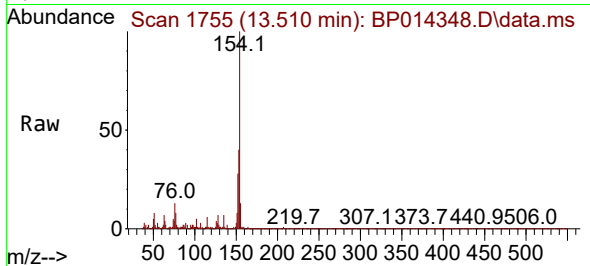




#43
1,1'-Biphenyl
Concen: 3.743 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

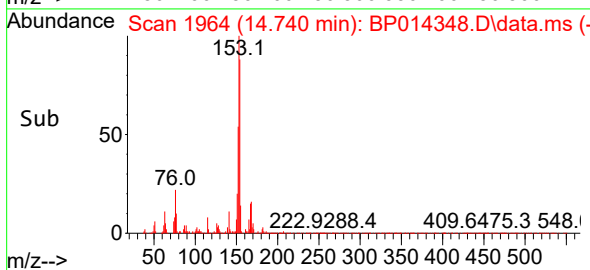
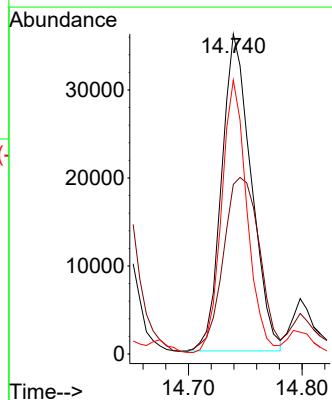
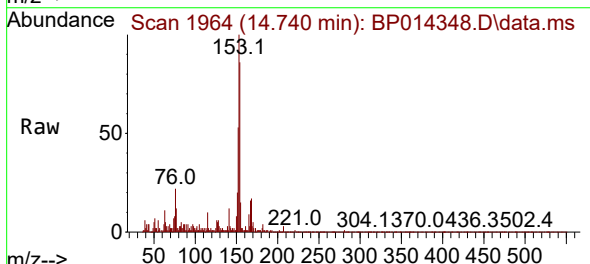
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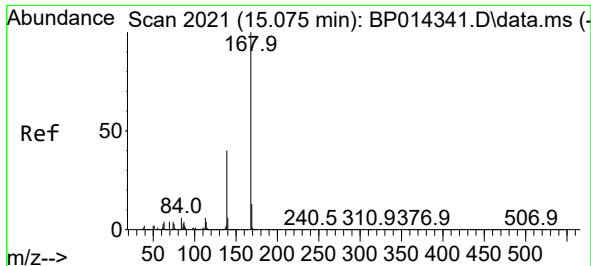
Tgt Ion:154 Resp: 134126
Ion Ratio Lower Upper
154 100
153 40.3 32.4 48.6
76 13.3 10.7 16.1



#52
Acenaphthene
Concen: 2.173 ng/ul
RT: 14.740 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

Tgt Ion:153 Resp: 65248
Ion Ratio Lower Upper
153 100
152 53.0 38.2 57.4
154 85.6 70.2 105.2

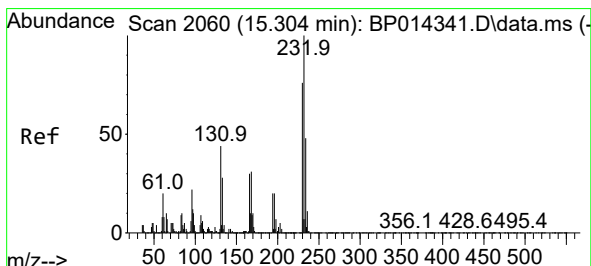
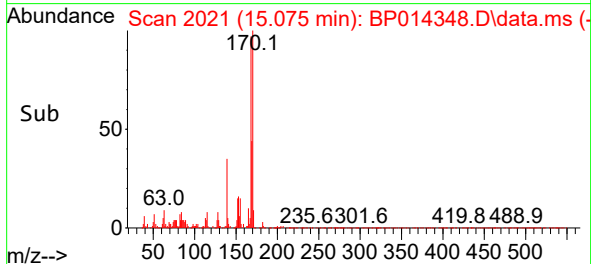
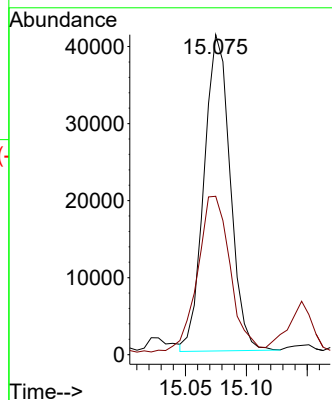
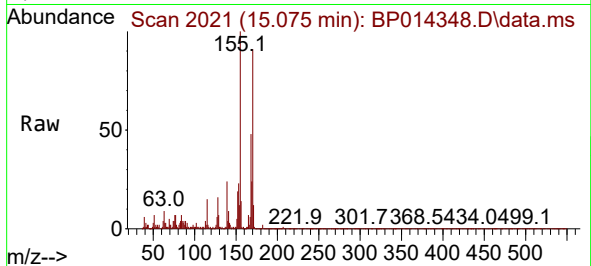




#56
Dibenzenofuran
Concen: 1.449 ng/ul
RT: 15.075 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

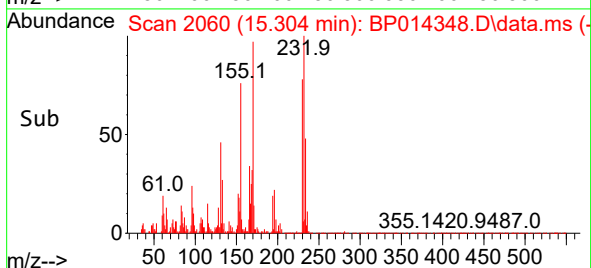
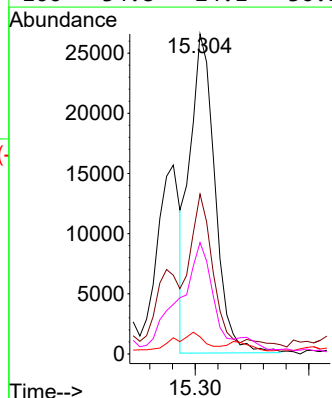
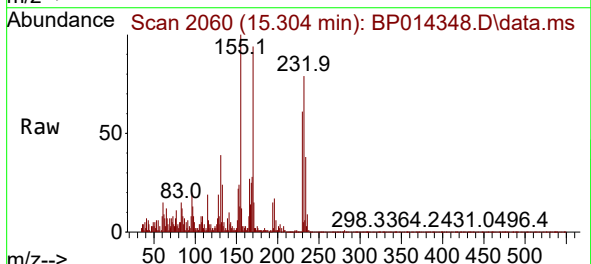
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ClientSampleId :
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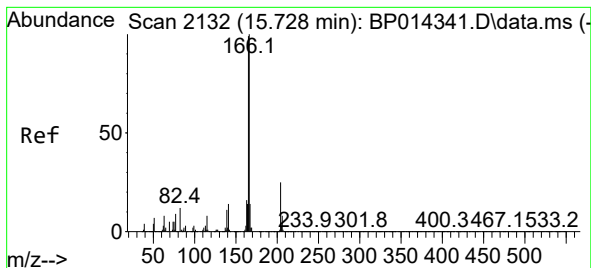
Tgt Ion:168 Resp: 61160
Ion Ratio Lower Upper
168 100
139 49.5 32.1 48.1#



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.351 ng/ul
RT: 15.304 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BP014348.D
Acq: 28 Mar 2023 17:31

Tgt Ion:232 Resp: 40736
Ion Ratio Lower Upper
232 100
131 49.9 35.0 52.4
130 5.3 1.9 2.9#
166 34.8 24.1 36.1





#61

Fluorene

Concen: 4.103 ng/ul

RT: 15.728 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BP014348.D

Acq: 28 Mar 2023 17:31

Instrument :

BNA_P

ClientSampleId :

C0QF8

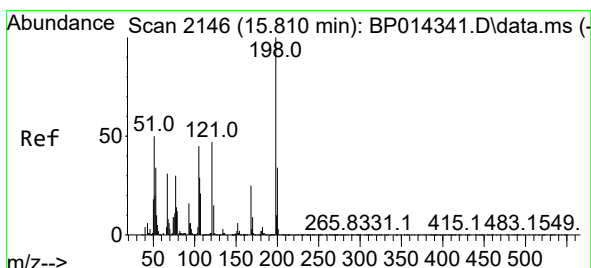
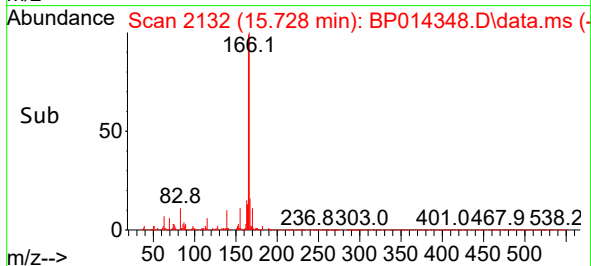
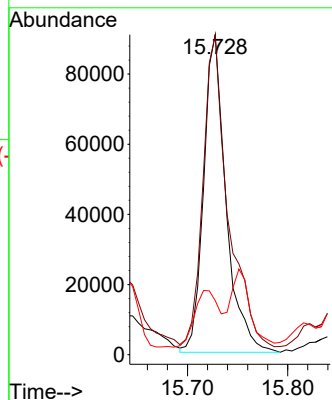
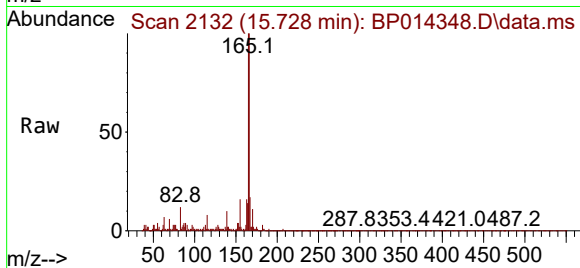
Tgt Ion:166 Resp: 140385

Ion Ratio Lower Upper

166 100

165 99.9 79.2 118.8

167 16.9 11.0 16.4#



#66

4,6-Dinitro-2-methylphenol

Concen: 11.940 ng/ul

RT: 15.810 min Scan# 2146

Delta R.T. 0.000 min

Lab File: BP014348.D

Acq: 28 Mar 2023 17:31

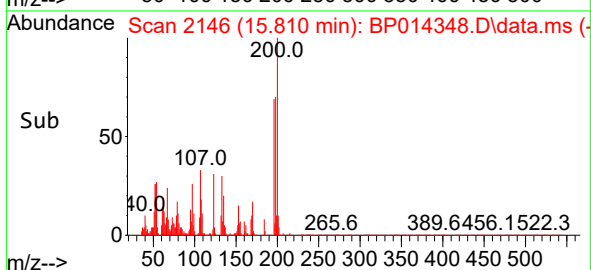
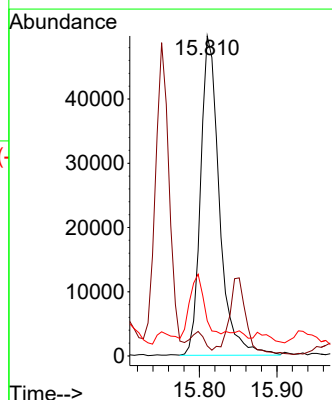
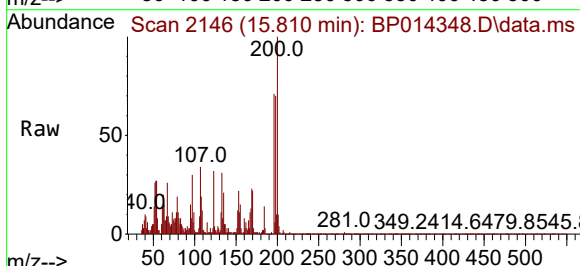
Tgt Ion:198 Resp: 83714

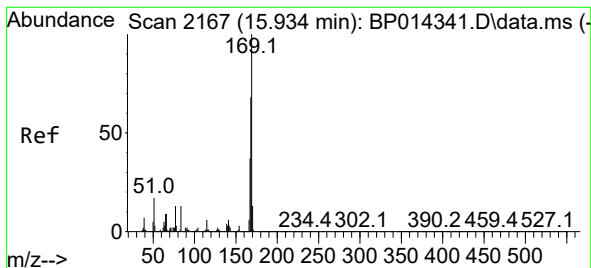
Ion Ratio Lower Upper

198 100

182 3.1 3.5 5.3#

77 11.0 24.4 36.6#





#67

N-Nitrosodiphenylamine

Concen: 1.484 ng/ul

RT: 15.934 min Scan# 2167

Delta R.T. 0.000 min

Lab File: BP014348.D

Acq: 28 Mar 2023 17:31

Instrument :

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C0QF8

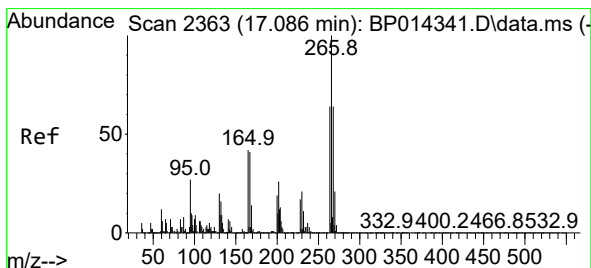
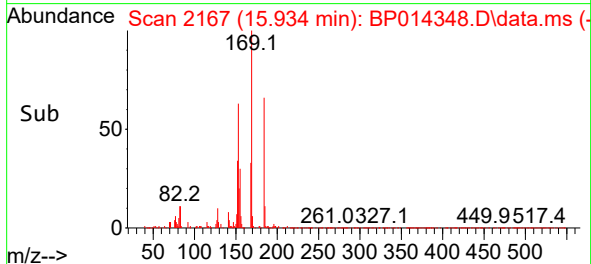
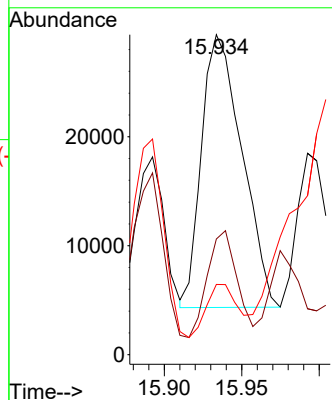
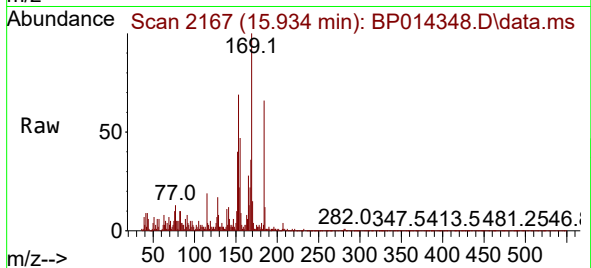
Tgt Ion:169 Resp: 45388

Ion Ratio Lower Upper

169 100

168 36.1 54.2 81.2#

167 21.9 29.4 44.2#



#71

Pentachlorophenol

Concen: 203.168 ng/ul

RT: 17.092 min Scan# 2364

Delta R.T. 0.006 min

Lab File: BP014348.D

Acq: 28 Mar 2023 17:31

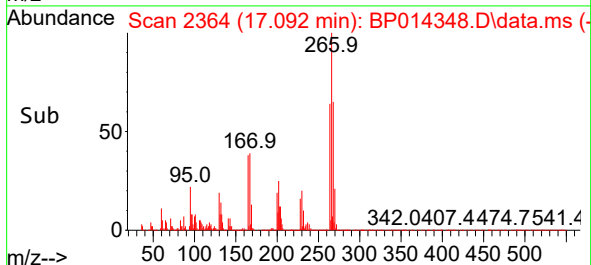
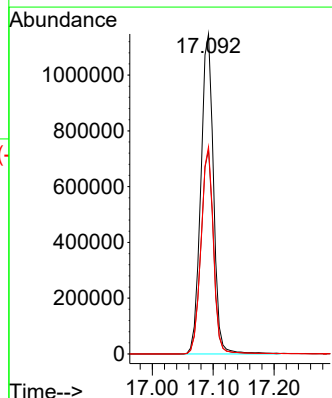
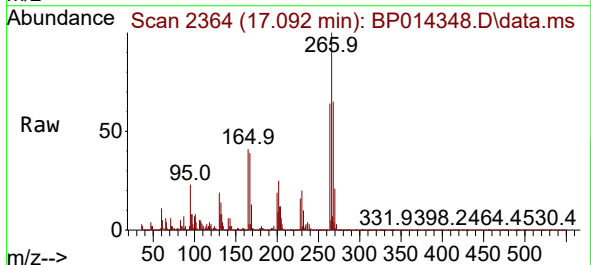
Tgt Ion:266 Resp: 1654125

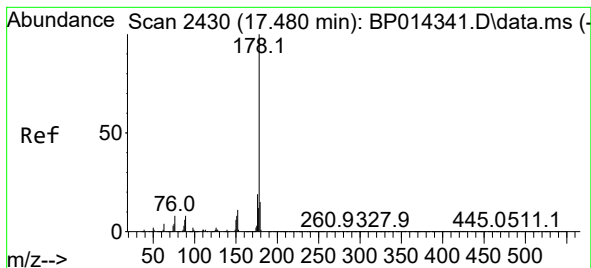
Ion Ratio Lower Upper

266 100

264 63.7 51.0 76.4

268 64.7 51.4 77.2





#72

Phenanthrene

Concen: 9.733 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP014348.D

Acq: 28 Mar 2023 17:31

Instrument :

BNA_P

ClientSampleId :

C0QF8

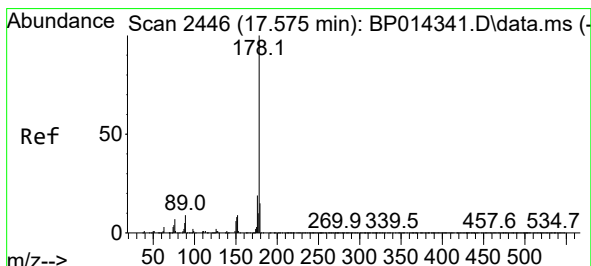
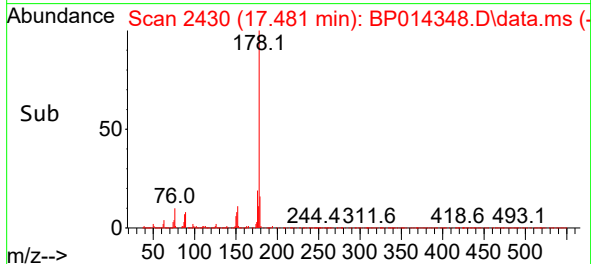
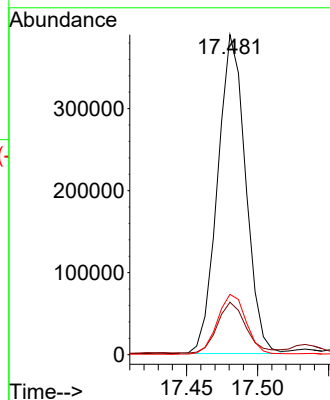
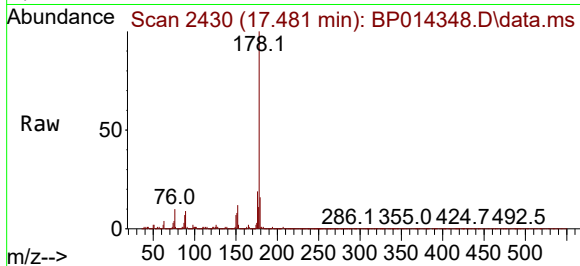
Tgt Ion:178 Resp: 532433

Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.4

176 18.9 15.3 22.9



#74

Anthracene

Concen: 1.535 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP014348.D

Acq: 28 Mar 2023 17:31

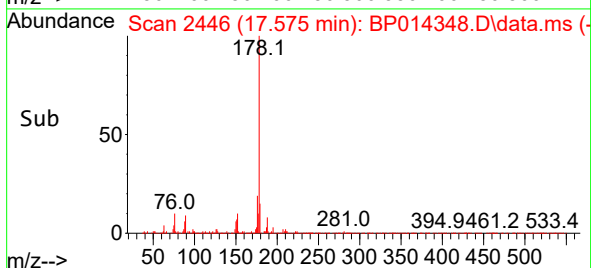
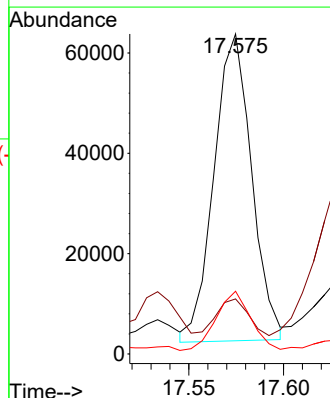
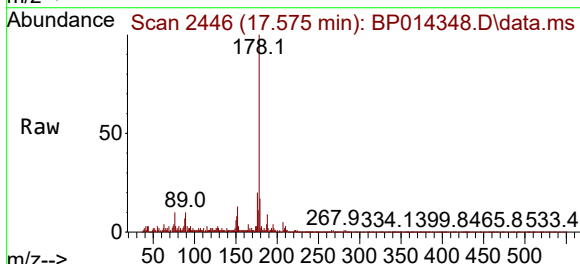
Tgt Ion:178 Resp: 84606

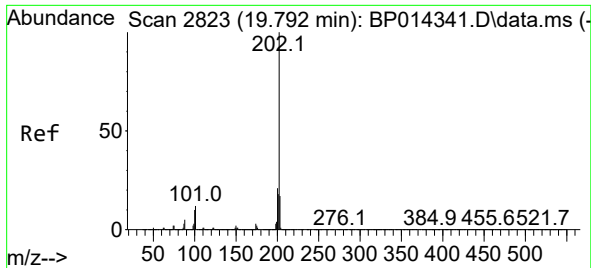
Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.4

176 19.6 14.9 22.3





#82
 Pyrene
 Concen: 1.391 ng/ul
 RT: 19.792 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP014348.D
 Acq: 28 Mar 2023 17:31

Instrument :
 BNA_P
 ClientSampleId :
 C0QF8

Tgt Ion:202 Resp: 96433
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.7 14.5
 100 9.8 8.0 12.0

