

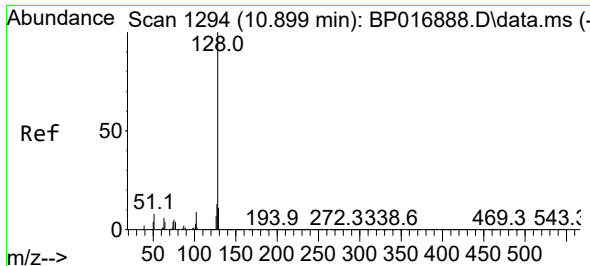
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 Data File : BP016907.D
 Acq On : 01 Sep 2023 14:48
 Operator : MA/JU
 Sample : 04134-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ9

Quant Time: Sep 01 22:38:32 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	319786	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1380873	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	845746	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1756633	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1230716	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1155943	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	44376	5.735	ng/uL	0.00
4) Pyridine-d5	3.811	84	185761	7.856	ng/ul	0.00
7) Phenol-d5	7.169	99	216530	7.615	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	660415	36.440	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	601071	28.114	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	417434	17.983	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	417853	40.021	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	437131	39.720	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	725477	35.360	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	869594	27.638	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	2738189	42.931	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	2923440	40.546	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	86507	6.562	ng/ul	0.00
60) Fluorene-d10	15.669	176	2230832	41.534	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	437161	41.788	ng/ul	0.00
73) Anthracene-d10	17.545	188	3550747	45.602	ng/ul	0.00
81) Pyrene-d10	19.780	212	3640870	53.865	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	2628562	45.396	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.899	128	974076	13.618	ng/ul	100
37) 1-Methylnaphthalene	12.722	142	262790	5.278	ng/ul#	98
42) 2,4,5-Trichlorophenol	13.175	196	18454	1.059	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	556191	8.845	ng/ul	99
50) Acenaphthylene	14.404	152	121280	1.470	ng/ul	97
52) Acenaphthene	14.740	153	2861325	52.409	ng/ul	100
56) Dibenzofuran	15.075	168	1383353	18.466	ng/ul	99
61) Fluorene	15.728	166	464248	7.409	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	64281	5.699	ng/ul#	73
71) Pentachlorophenol	17.069	266	30304	2.165	ng/ul	94
72) Phenanthrene	17.486	178	165539	1.790	ng/ul	98
74) Anthracene	17.486	178	166303	1.778	ng/ul	97
77) Carbazole	17.869	167	7604291	90.295	ng/ul	99

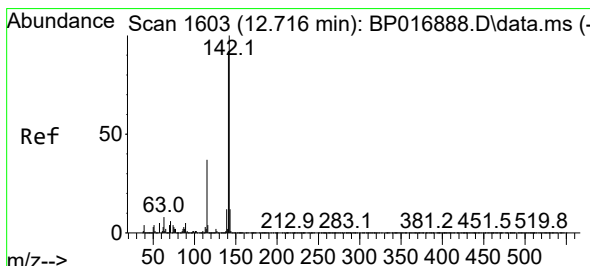
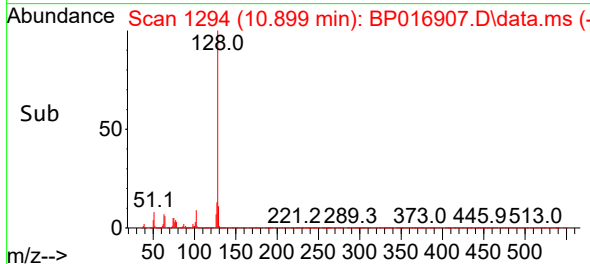
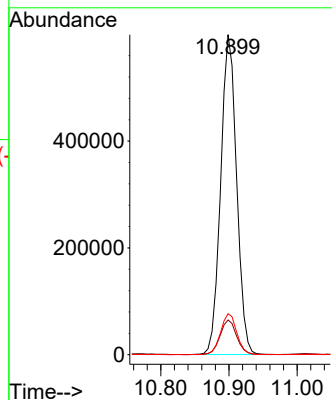
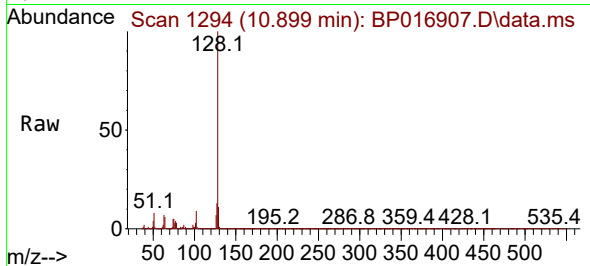
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#30
Naphthalene
Concen: 13.618 ng/ul
RT: 10.899 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

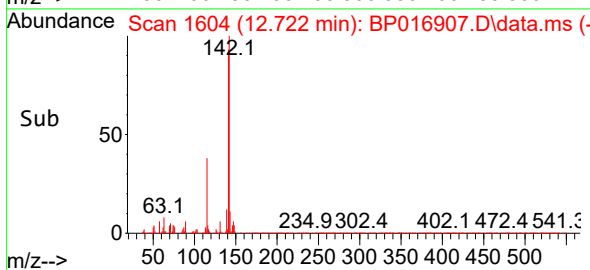
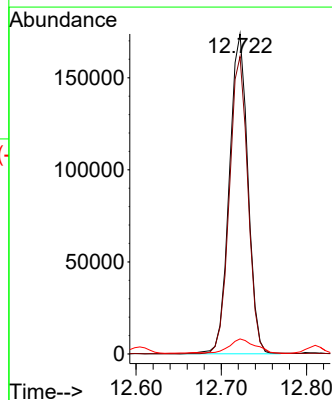
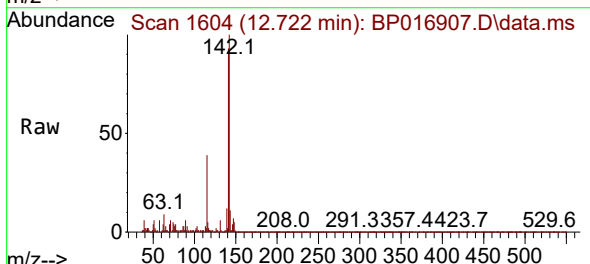
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ClientSampleId :
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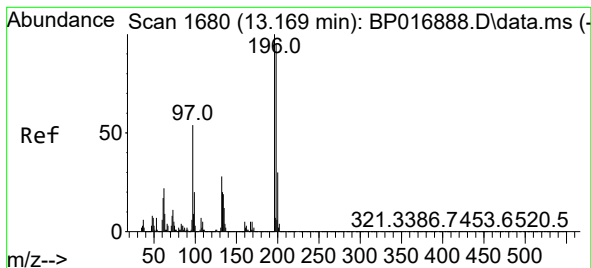
Tgt Ion:128 Resp: 974076
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.3 15.5



#37
1-Methylnaphthalene
Concen: 5.278 ng/ul
RT: 12.722 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

Tgt Ion:142 Resp: 262790
Ion Ratio Lower Upper
142 100
141 92.9 73.0 109.4
116 4.7 3.1 4.7#





#42

2,4,5-Trichlorophenol

Concen: 1.059 ng/ul

RT: 13.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

DCHJ9

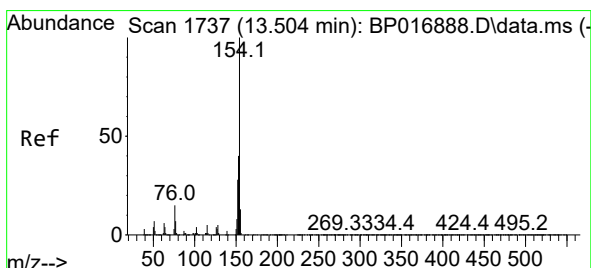
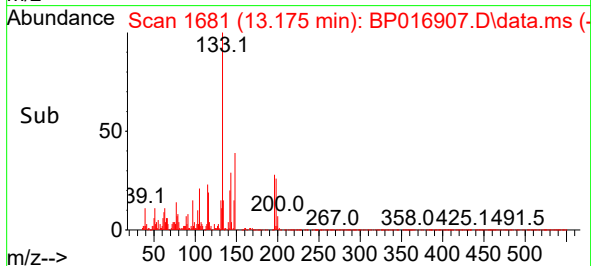
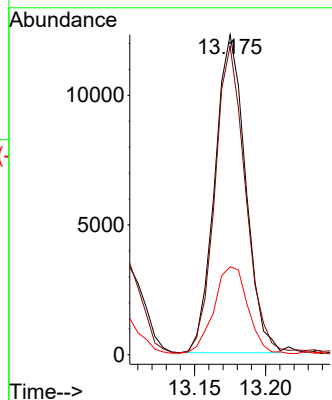
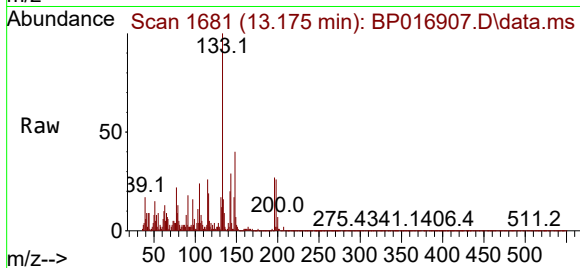
Tgt Ion:196 Resp: 18454

Ion Ratio Lower Upper

196 100

198 96.4 77.8 116.8

200 27.4 24.8 37.2



#43

1,1'-Biphenyl

Concen: 8.845 ng/ul

RT: 13.510 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

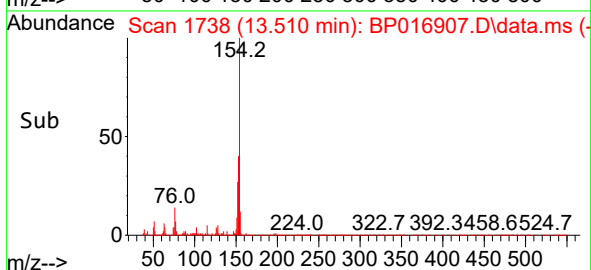
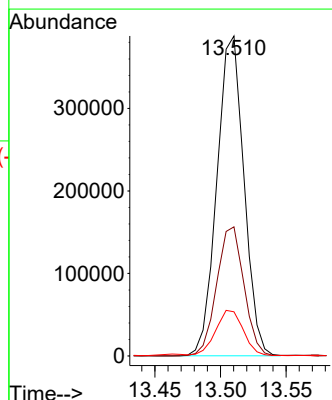
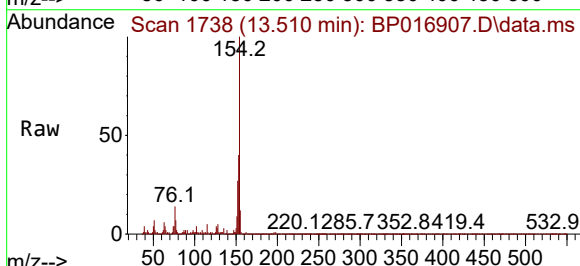
Tgt Ion:154 Resp: 556191

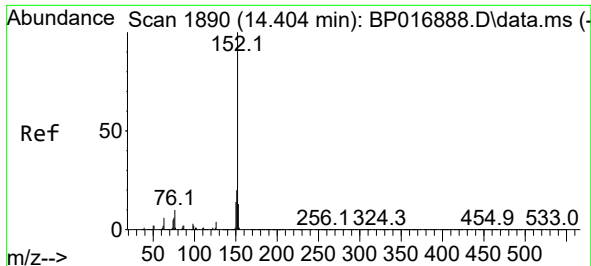
Ion Ratio Lower Upper

154 100

153 40.3 32.7 49.1

76 13.8 11.3 16.9

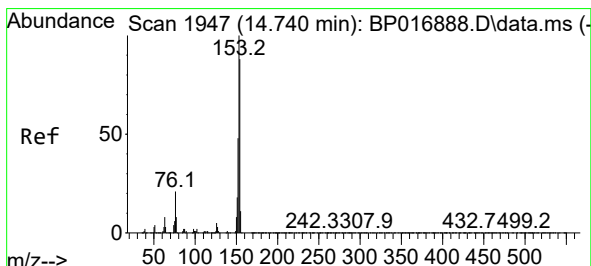
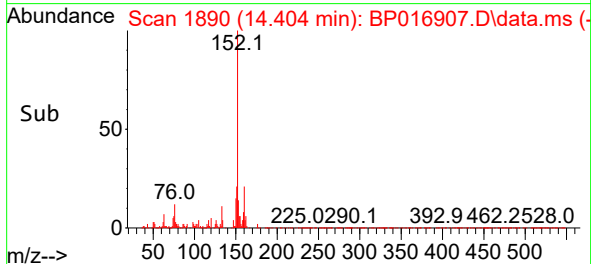
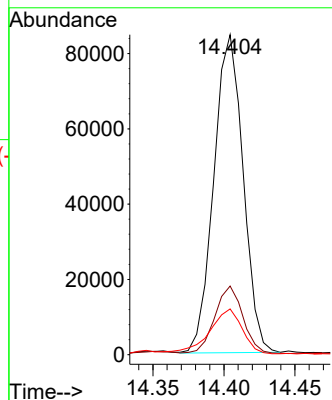
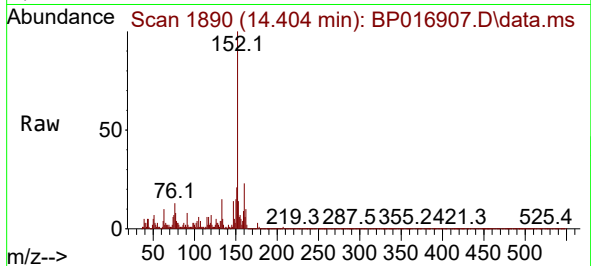




#50
Acenaphthylene
Concen: 1.470 ng/ul
RT: 14.404 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

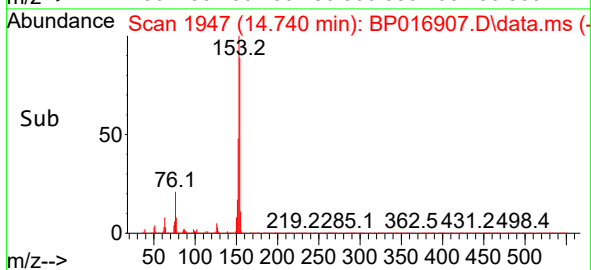
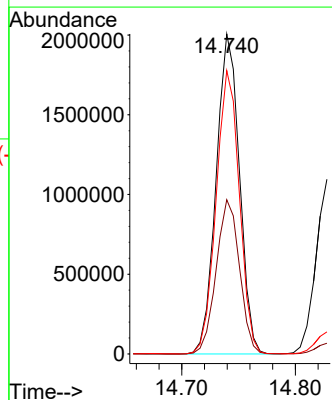
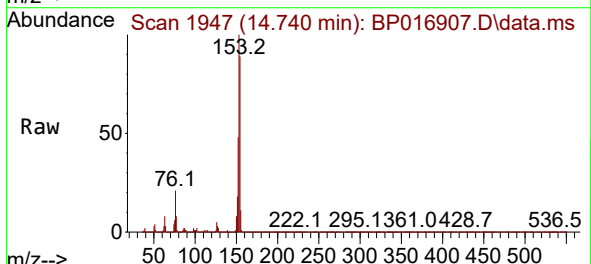
Instrument :
BNA_P
ClientSampleId :
DCHJ9

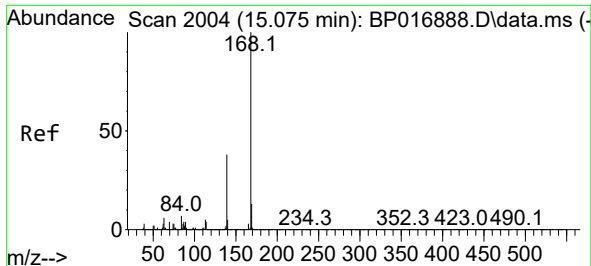
Tgt Ion:152 Resp: 121280
Ion Ratio Lower Upper
152 100
151 21.4 16.1 24.1
153 14.3 10.6 15.8



#52
Acenaphthene
Concen: 52.409 ng/ul
RT: 14.740 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

Tgt Ion:153 Resp: 2861325
Ion Ratio Lower Upper
153 100
152 48.2 38.5 57.7
154 88.6 70.6 105.8

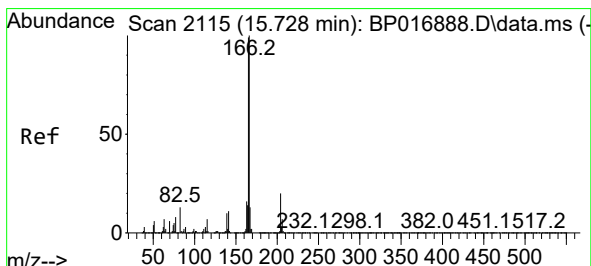
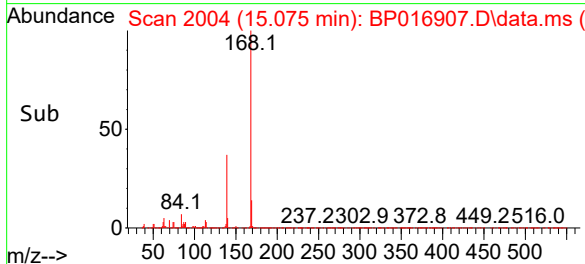
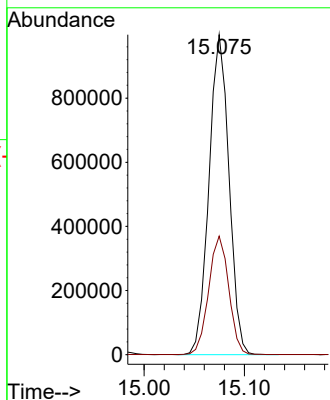
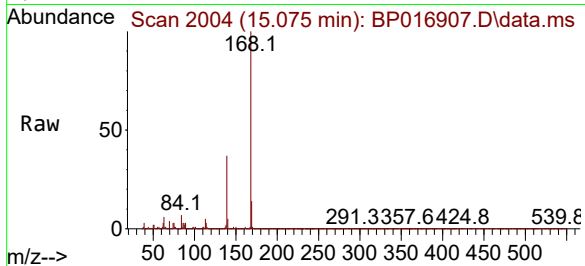




#56
Dibenzenofuran
Concen: 18.466 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

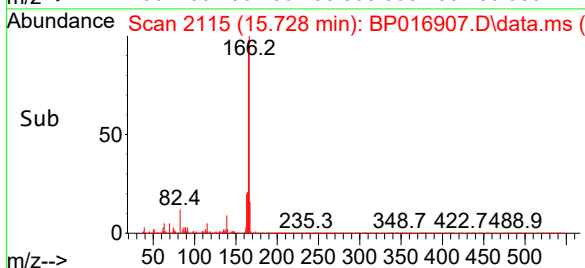
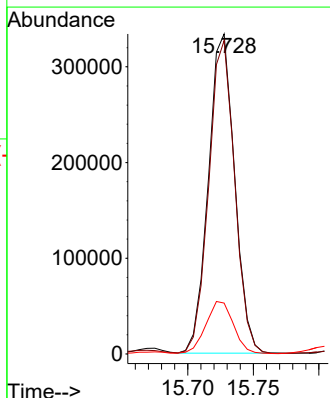
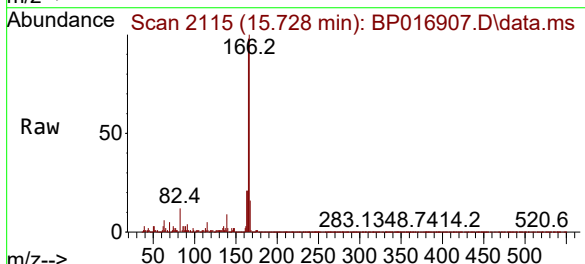
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ClientSampleId :
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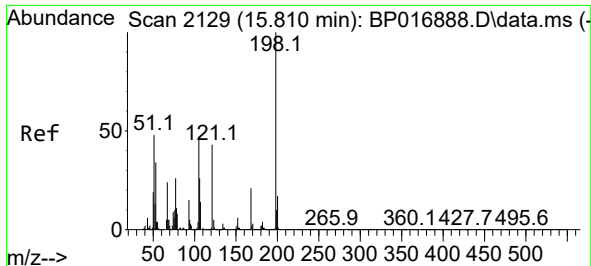
Tgt Ion:168 Resp: 1383353
Ion Ratio Lower Upper
168 100
139 37.1 29.2 43.8



#61
Fluorene
Concen: 7.409 ng/ul
RT: 15.728 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

Tgt Ion:166 Resp: 464248
Ion Ratio Lower Upper
166 100
165 98.0 78.8 118.2
167 15.9 10.9 16.3

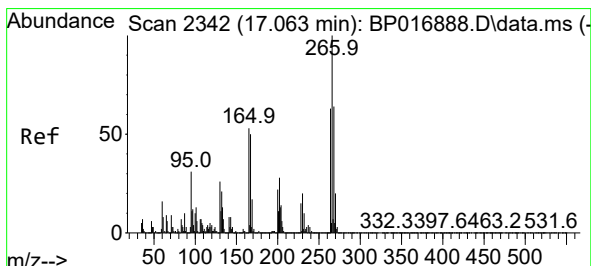
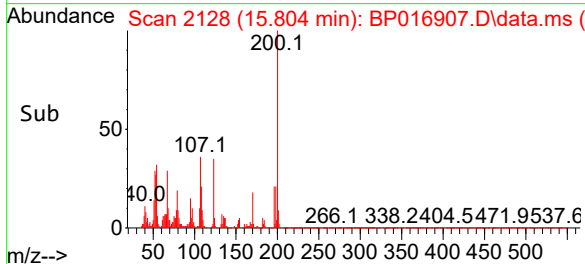
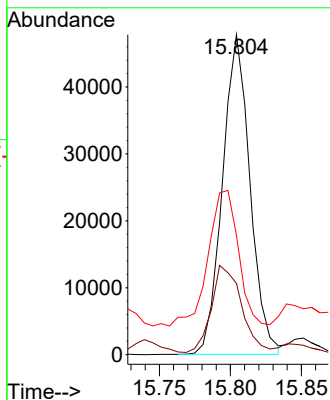
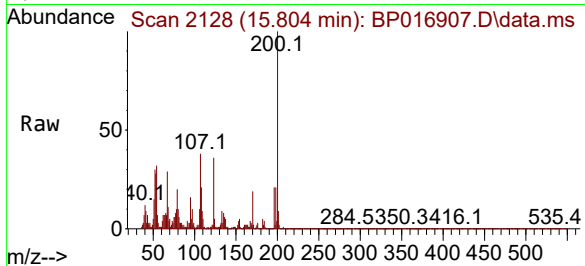




#66
4,6-Dinitro-2-methylphenol
Concen: 5.699 ng/ul
RT: 15.804 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

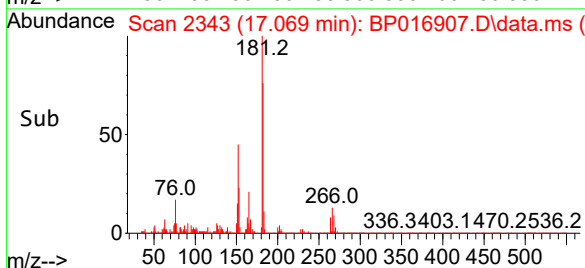
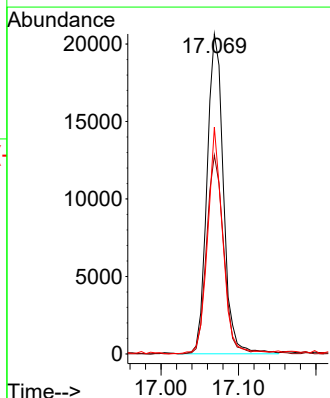
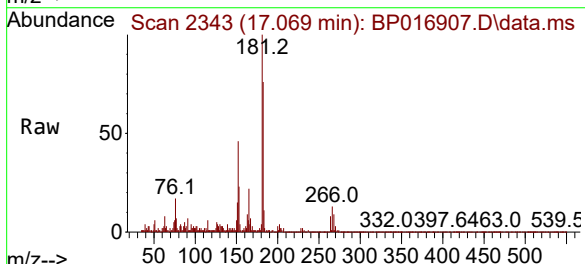
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ClientSampleId :
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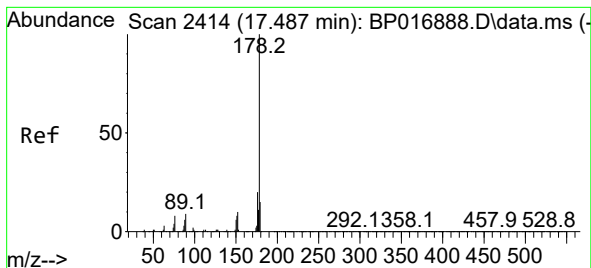
Tgt Ion:198 Resp: 64281
Ion Ratio Lower Upper
198 100
182 22.3 3.2 4.8#
77 37.3 20.7 31.1#



#71
Pentachlorophenol
Concen: 2.165 ng/ul
RT: 17.069 min Scan# 2343
Delta R.T. 0.000 min
Lab File: BP016907.D
Acq: 01 Sep 2023 14:48

Tgt Ion:266 Resp: 30304
Ion Ratio Lower Upper
266 100
264 62.1 50.7 76.1
268 70.9 50.8 76.2





#72

Phenanthrene

Concen: 1.790 ng/ul

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

Instrument :

BNA_P

ClientSampleId :

DCHJ9

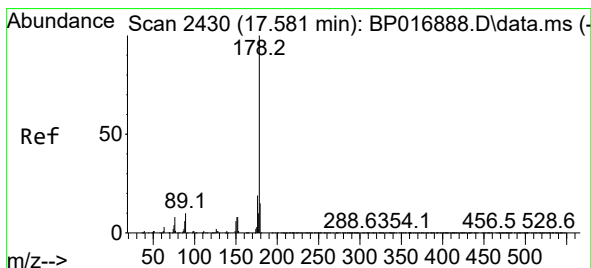
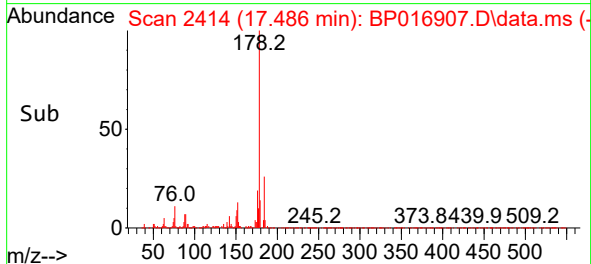
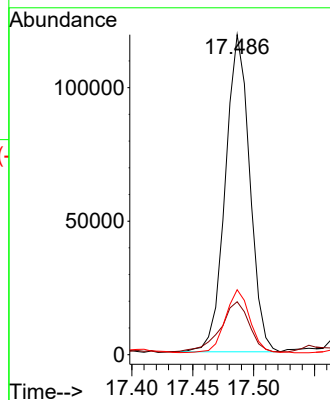
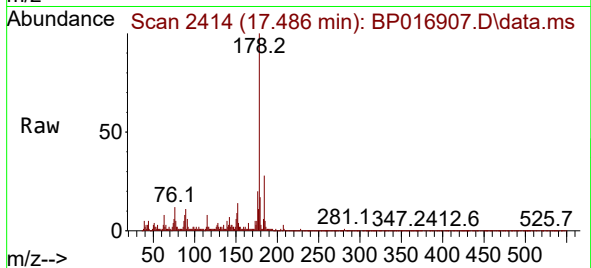
Tgt Ion:178 Resp: 165539

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 20.3 15.6 23.4



#74

Anthracene

Concen: 1.778 ng/ul

RT: 17.486 min Scan# 2414

Delta R.T. -0.094 min

Lab File: BP016907.D

Acq: 01 Sep 2023 14:48

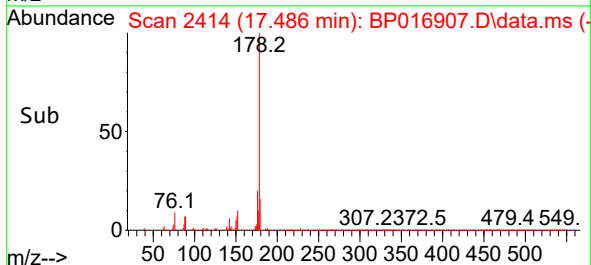
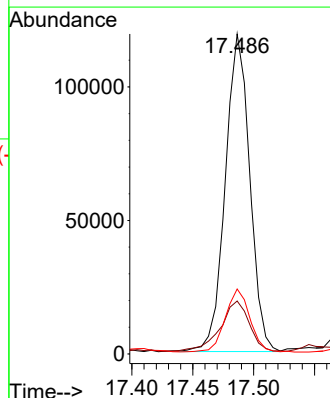
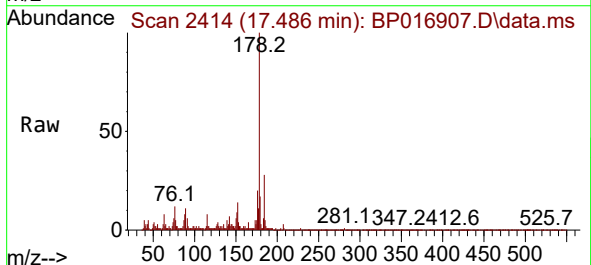
Tgt Ion:178 Resp: 166303

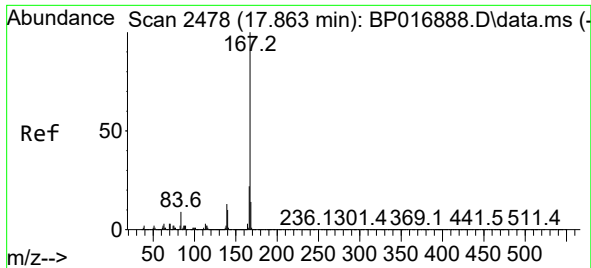
Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 20.3 15.3 22.9





#77
 Carbazole
 Concen: 90.295 ng/ul
 RT: 17.869 min Scan# 2479
 Delta R.T. 0.006 min
 Lab File: BP016907.D
 Acq: 01 Sep 2023 14:48

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ9

Tgt Ion:167 Resp: 7604291
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.3 10.4 15.6

