

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014203.D
 Acq On : 22 Mar 2023 04:34
 Operator : CG/JU
 Sample : PB151558BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS558

Quant Time: Mar 22 05:03:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/22/2023
 Supervised By : mohammad ahmed 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	201398	20.000	ng/uL	0.00
20) Naphthalene-d8	10.863	136	850680	20.000	ng/uL	# 0.00
38) Acenaphthene-d10	14.681	164	571342	20.000	ng/uL	0.00
64) Phenanthrene-d10	17.440	188	1296638	20.000	ng/uL	# 0.00
79) Chrysene-d12	21.516	240	1143836	20.000	ng/uL	# 0.00
88) Perylene-d12	24.027	264	973154	20.000	ng/uL	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	30606	5.742	ng/uL	0.00
4) Pyridine-d5	3.840	84	452457	30.657	ng/uL	0.00
7) Phenol-d5	7.205	99	630628	35.483	ng/uL	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	381616	36.817	ng/uL	0.00
11) 2-Chlorophenol-d4	7.575	132	467645	34.536	ng/uL	0.00
15) 4-Methylphenol-d8	8.764	113	507294	34.943	ng/uL	0.00
21) Nitrobenzene-d5	9.222	128	239860	35.338	ng/uL	0.00
24) 2-Nitrophenol-d4	9.946	143	280997	34.584	ng/uL	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	507245	33.179	ng/uL	0.00
31) 4-Chloroaniline-d4	11.005	131	586188	28.974	ng/uL	0.00
46) Dimethylphthalate-d6	14.093	166	1585091	32.690	ng/uL	0.00
49) Acenaphthylene-d8	14.381	160	1746577	34.003	ng/uL	0.00
54) 4-Nitrophenol-d4	14.893	143	272387	31.877	ng/uL	0.00
60) Fluorene-d10	15.675	176	1350724	32.869	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	309333	31.564	ng/uL	0.00
73) Anthracene-d10	17.540	188	2161921	34.346	ng/uL	0.00
81) Pyrene-d10	19.763	212	2537461	40.222	ng/uL	0.00
92) Benzo(a)pyrene-d12	23.869	264	1841323	35.571	ng/uL	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	62431	10.849	ng/uL	89
5) Pyridine	3.864	79	430634	28.772	ng/uL	97
6) Benzaldehyde	7.181	77	350586	39.644	ng/uL	98
8) Phenol	7.234	94	638870	34.857	ng/uL	96
10) Bis(2-Chloroethyl)ether	7.464	93	498261	35.484	ng/uL	97
12) 2-Chlorophenol	7.605	128	477884	35.029	ng/uL	96
13) 2-Methylphenol	8.493	108	475879	34.917	ng/uL	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	623711	41.131	ng/uL	98
16) Acetophenone	8.881	105	798627	34.053	ng/uL	99
17) N-Nitroso-di-n-propyla...	8.864	70	427402	35.623	ng/uL	98
18) 4-Methylphenol	8.822	108	518675	34.600	ng/uL	98
19) Hexachloroethane	9.128	117	208407	34.879	ng/uL	92
22) Nitrobenzene	9.264	77	636125	35.035	ng/uL	98
23) Isophorone	9.793	82	1196661	34.224	ng/uL	98
25) 2-Nitrophenol	9.975	139	288200	34.416	ng/uL	95
26) 2,4-Dimethylphenol	10.034	107	592276	32.313	ng/uL	99
27) Bis(2-Chloroethoxy)met...	10.269	93	708198	35.016	ng/uL	100
29) 2,4-Dichlorophenol	10.516	162	493741	32.740	ng/uL	98
30) Naphthalene	10.916	128	1566930	33.543	ng/uL	100
32) 4-Chloroaniline	11.028	127	518629	25.475	ng/uL	98
33) Hexachlorobutadiene	11.193	225	363843	30.319	ng/uL	98
34) Caprolactam	11.828	113	164991m	33.695	ng/uL	
35) 4-Chloro-3-methylphenol	12.152	107	588512	33.748	ng/uL	95
36) 2-Methylnaphthalene	12.516	142	1060009	32.352	ng/uL	100

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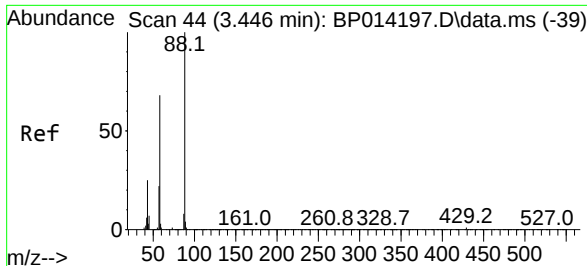
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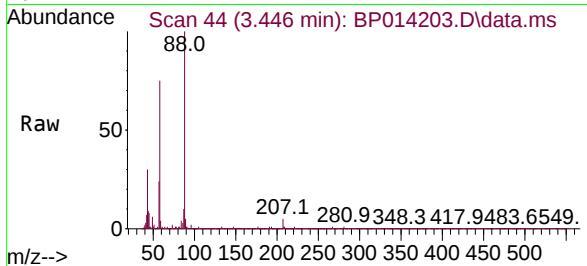
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	1088097	33.041	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.881	216	665671	32.219	ng/u1	99
40) Hexachlorocyclopentadiene	12.852	237	369487	24.974	ng/u1	98
41) 2,4,6-Trichlorophenol	13.122	196	431587	33.253	ng/u1	97
42) 2,4,5-Trichlorophenol	13.199	196	477401	33.517	ng/u1	99
43) 1,1'-Biphenyl	13.516	154	1487112	33.808	ng/u1#	98
44) 2-Chloronaphthalene	13.563	162	1193206	34.155	ng/u1	98
45) 2-Nitroaniline	13.775	65	396487	38.373	ng/u1	94
47) Dimethylphthalate	14.140	163	1582466	32.972	ng/u1	99
48) 2,6-Dinitrotoluene	14.263	165	333544	35.151	ng/u1	98
50) Acenaphthylene	14.410	152	1827288	33.898	ng/u1	100
51) 3-Nitroaniline	14.599	138	301344	35.868	ng/u1	95
52) Acenaphthene	14.746	153	1273854	33.803	ng/u1	99
53) 2,4-Dinitrophenol	14.804	184	202374	28.559	ng/u1	95
55) 4-Nitrophenol	14.904	109	257868	27.938	ng/u1	85
56) Dibenzofuran	15.081	168	1799649	32.826	ng/u1	100
57) 2,4-Dinitrotoluene	15.051	165	485717	34.261	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	427463	31.369	ng/u1	99
59) Diethylphthalate	15.493	149	1610921	33.092	ng/u1	99
61) Fluorene	15.734	166	1488397	32.752	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.722	204	798417	31.832	ng/u1	98
63) 4-Nitroaniline	15.763	138	336021	38.909	ng/u1	93
66) 4,6-Dinitro-2-methylph...	15.816	198	299160	31.997	ng/u1	98
67) N-Nitrosodiphenylamine	15.940	169	1287240	35.151	ng/u1	99
68) 4-Bromophenyl-phenylether	16.616	248	521157	33.247	ng/u1	100
69) Hexachlorobenzene	16.740	284	602511	32.618	ng/u1	97
70) Atrazine	16.892	200	394517	24.978	ng/u1	98
71) Pentachlorophenol	17.087	266	348972	28.902	ng/u1	97
72) Phenanthrene	17.481	178	2425812	34.301	ng/u1	99
74) Anthracene	17.575	178	2454736	34.232	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	674964	33.919	ng/uL	99
76) Pentachlorobenzene	14.998	250	682096	32.998	ng/uL	99
77) Carbazole	17.845	167	2184395	34.535	ng/u1	100
78) Di-n-butylphthalate	18.369	149	2886784	36.519	ng/u1	100
80) Fluoranthene	19.434	202	2942232	40.917	ng/u1#	94
82) Pyrene	19.792	202	3030445	40.400	ng/u1	96
83) Butylbenzylphthalate	20.645	149	1348574	44.587	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.428	252	893069	30.499	ng/u1	98
85) Benzo(a)anthracene	21.498	228	2795605	34.748	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	1981008	43.809	ng/u1	99
87) Chrysene	21.557	228	2615866	34.117	ng/u1	100
89) Di-n-octyl phthalate	22.357	149	3246035	52.863	ng/u1	100
90) Benzo(b)fluoranthene	23.257	252	2342192m	36.120	ng/u1	
91) Benzo(k)fluoranthene	23.310	252	2347667	37.967	ng/u1	99
93) Benzo(a)pyrene	23.922	252	1986176	35.214	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	2383223	31.919	ng/u1	98
95) Dibenzo(a,h)anthracene	26.692	278	1984409	31.977	ng/u1	98
96) Benzo(g,h,i)perylene	27.486	276	1908725	31.983	ng/u1	98

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



#2
1,4-Dioxane
Concen: 10.849 ng/uL
RT: 3.446 min Scan# 44
Delta R.T. 0.000 min
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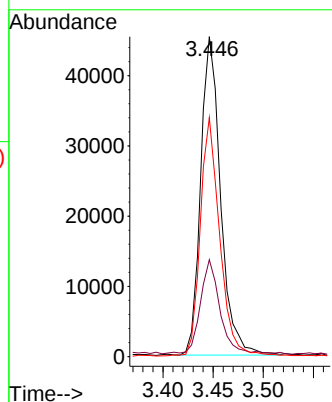
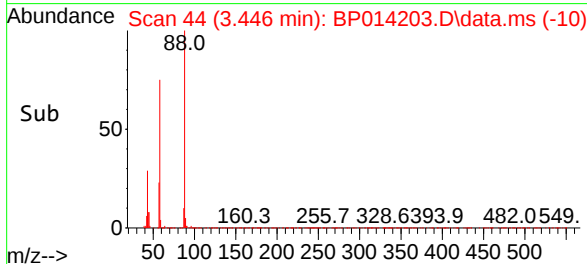
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion: 88 Resp: 62431
Ion Ratio Lower Upper
88 100
43 30.3 23.9 35.9
58 74.7 50.2 75.2

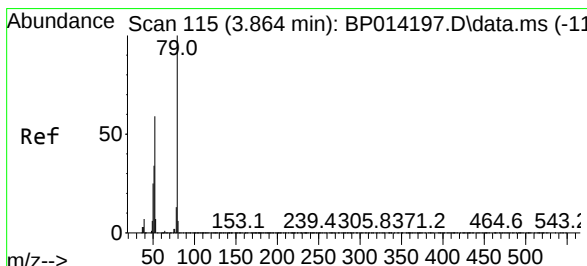
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APPROVED

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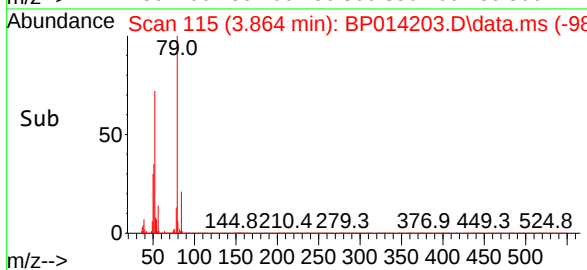
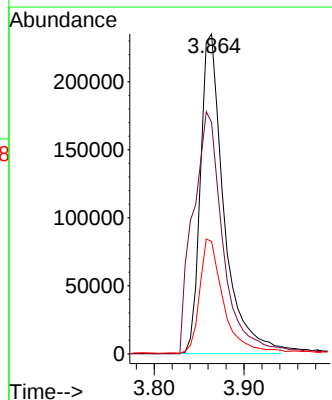
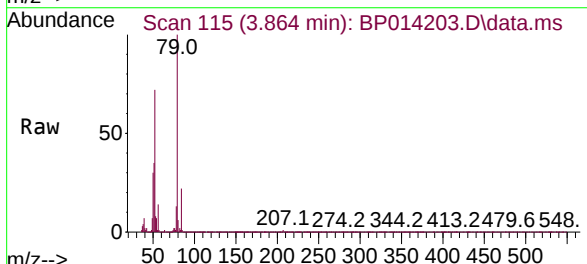
03/22/2023
Supervised By :mohammad
ahmed

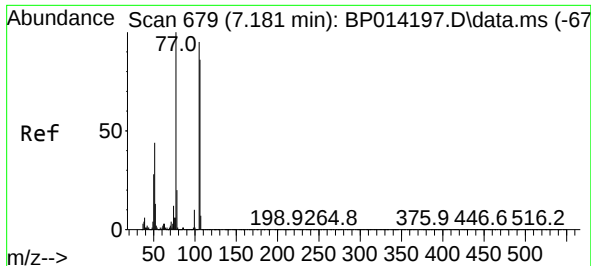
03/24/2023



#5
Pyridine
Concen: 28.772 ng/uL
RT: 3.864 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

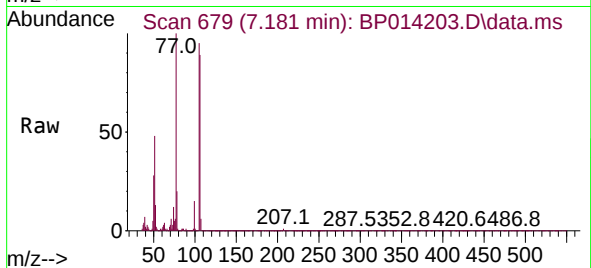
Tgt Ion: 79 Resp: 430634
Ion Ratio Lower Upper
79 100
52 72.3 55.1 82.7
51 35.2 28.9 43.3





#6
Benzaldehyde
Concen: 39.644 ng/ul
RT: 7.181 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

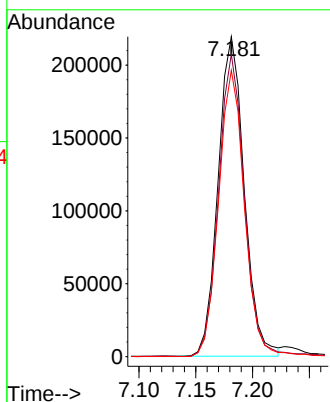
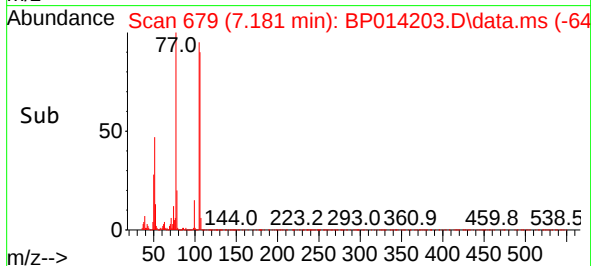
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion: 77 Resp: 350586
Ion Ratio Lower Upper
77 100
105 94.5 74.2 111.2
106 89.4 69.8 104.8

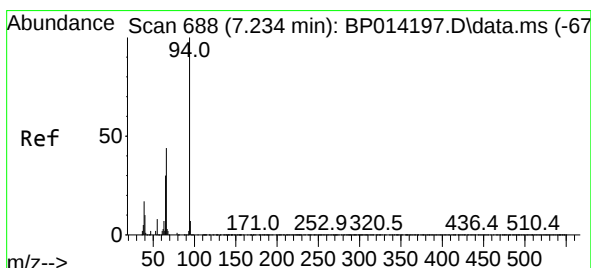
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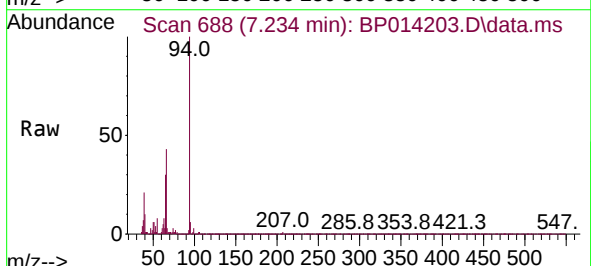


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ahmed

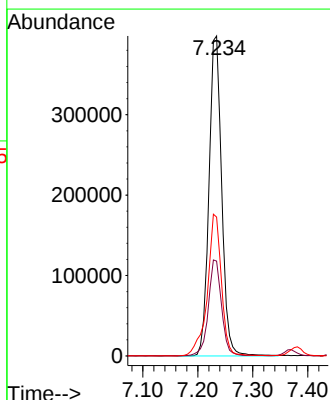
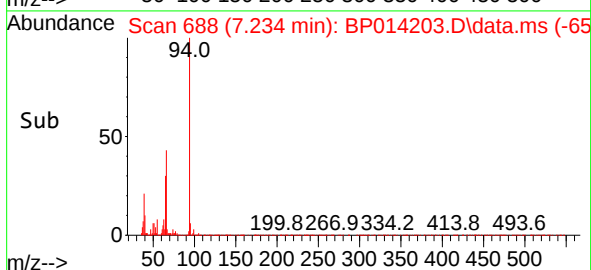
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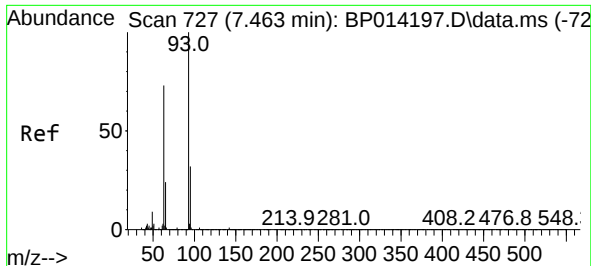


#8
Phenol
Concen: 34.857 ng/ul
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34



Tgt Ion: 94 Resp: 638870
Ion Ratio Lower Upper
94 100
65 29.7 25.2 37.8
66 43.4 37.2 55.8





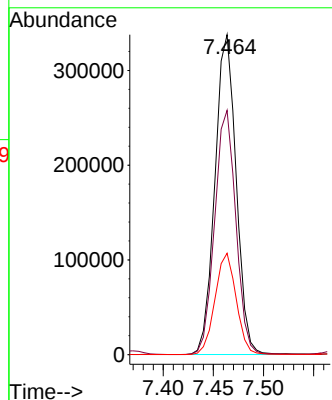
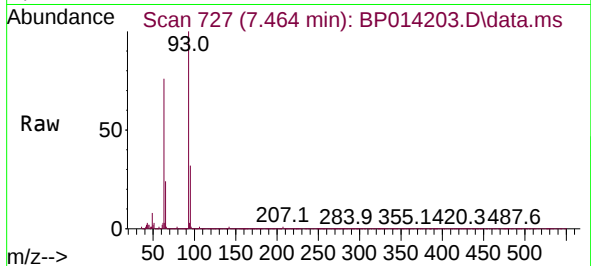
#10
Bis(2-Chloroethyl)ether
Concen: 35.484 ng/ul
RT: 7.464 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

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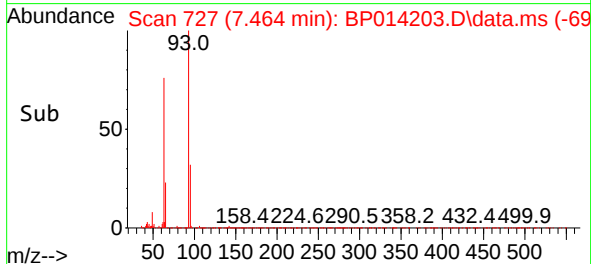
Tgt Ion: 93 Resp: 498263
Ion Ratio Lower Upper
93 100
63 76.3 58.8 88.2
95 31.7 25.8 38.6

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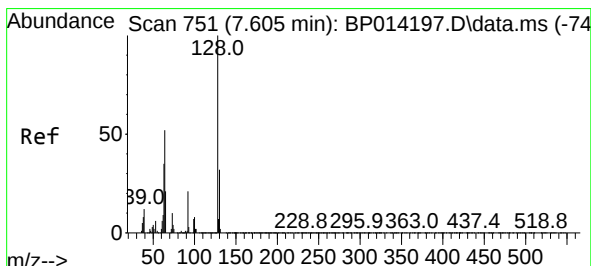
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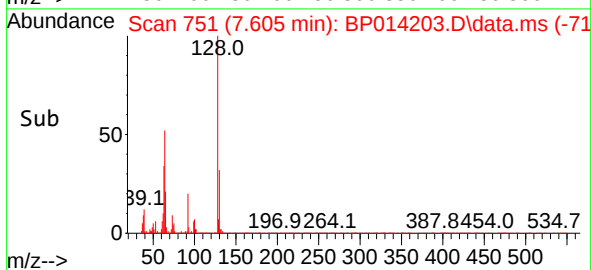
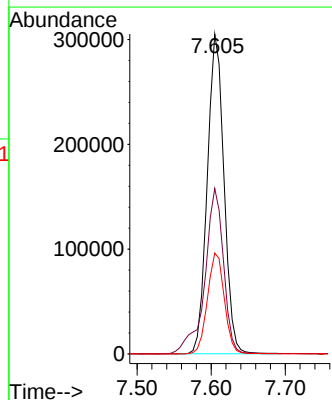
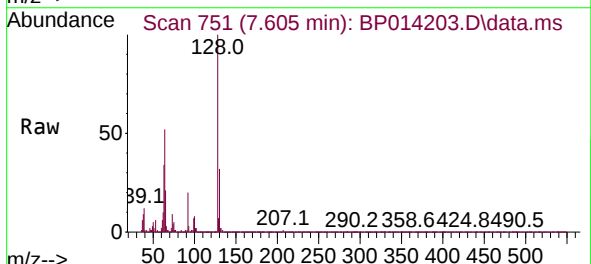


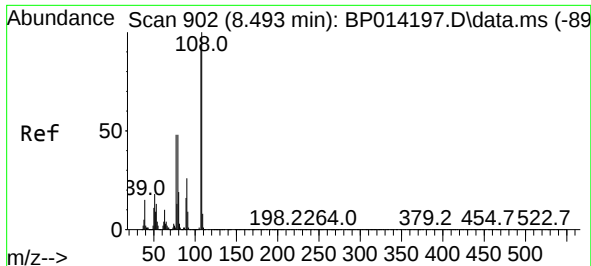
03/24/2023



#12
2-Chlorophenol
Concen: 35.029 ng/ul
RT: 7.605 min Scan# 751
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion:128 Resp: 477884
Ion Ratio Lower Upper
128 100
64 51.7 38.3 57.5
130 31.5 25.7 38.5





#13

2-Methylphenol

Concen: 34.917 ng/ul

RT: 8.493 min Scan# 902

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

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Tgt Ion:108 Resp: 475879

Ion Ratio Lower Upper

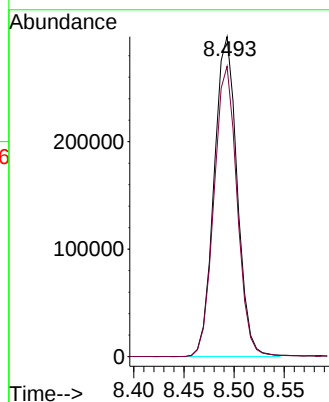
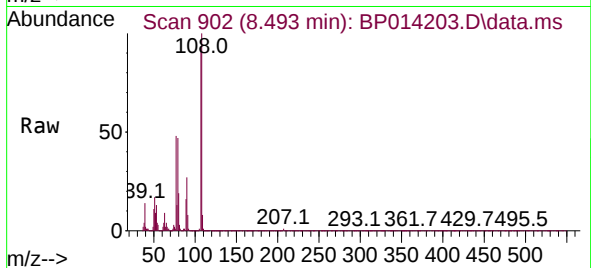
108 100

107 90.7 70.5 105.7

Manual Integrations

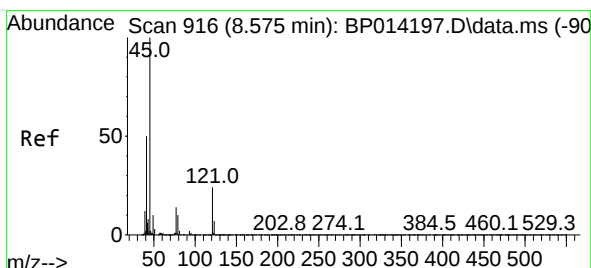
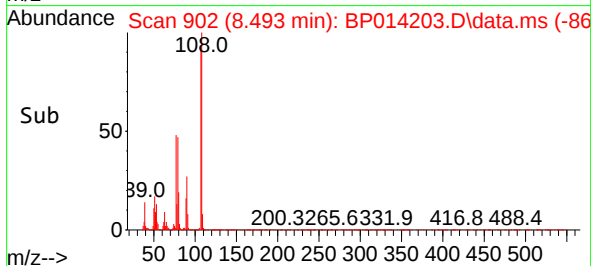
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Supervised By :mohammad
ahmed

03/24/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 41.131 ng/ul

RT: 8.575 min Scan# 916

Delta R.T. 0.000 min

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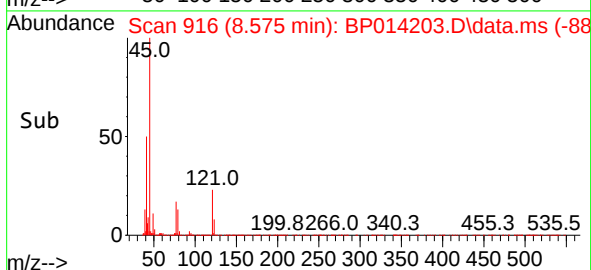
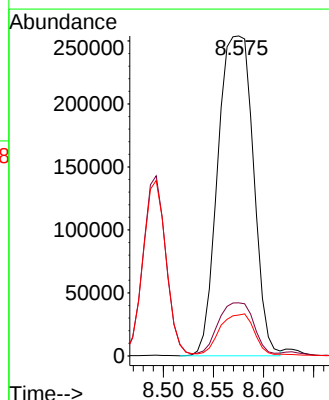
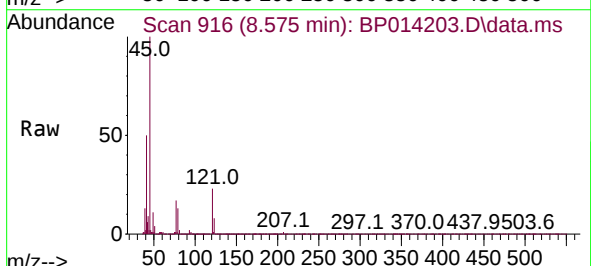
Tgt Ion: 45 Resp: 623711

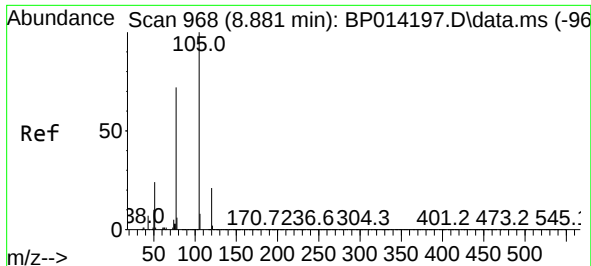
Ion Ratio Lower Upper

45 100

77 16.6 14.2 21.2

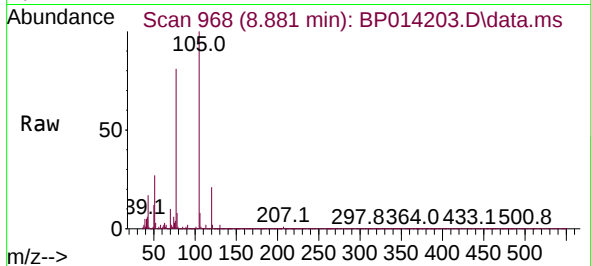
79 12.8 10.6 15.8





#16
Acetophenone
Concen: 34.053 ng/ul
RT: 8.881 min Scan# 968
Delta R.T. 0.000 min
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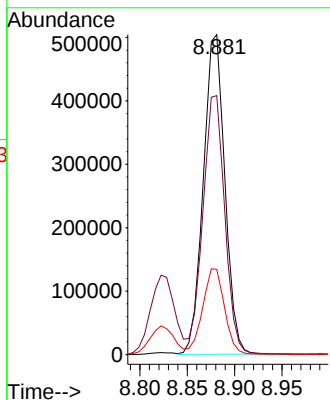
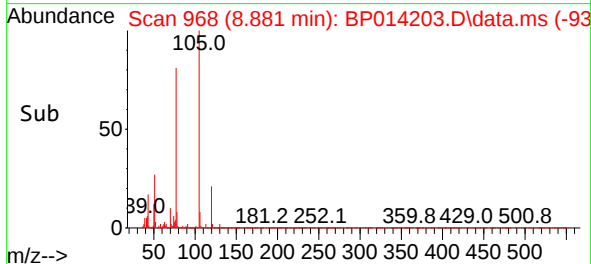
Instrument :
BNA_P
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Tgt Ion: 105 Resp: 798627
Ion Ratio Lower Upper
105 100
77 80.9 65.4 98.2
51 26.6 21.8 32.8

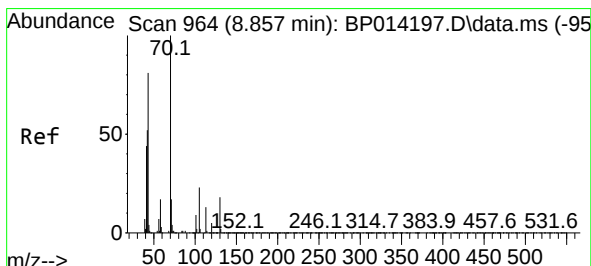
Manual Integrations
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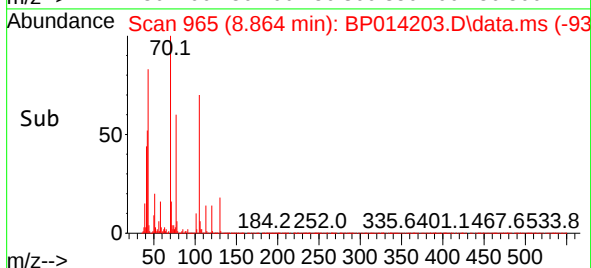
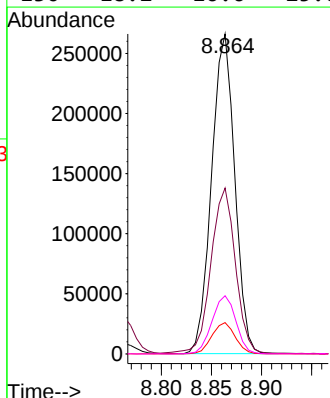
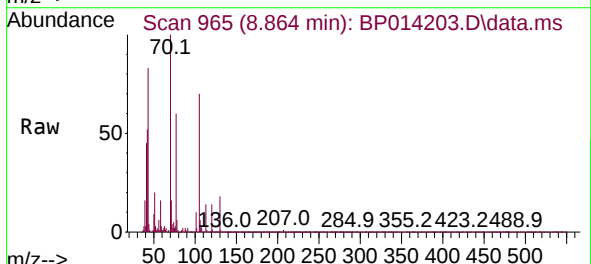
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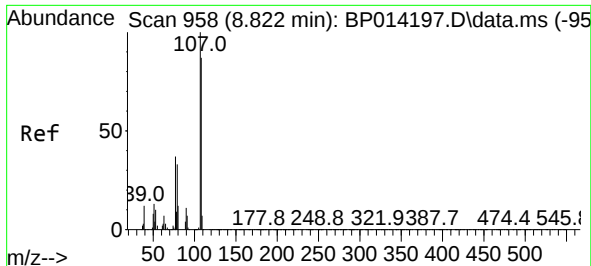
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#17
N-Nitroso-di-n-propylamine
Concen: 35.623 ng/ul
RT: 8.864 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

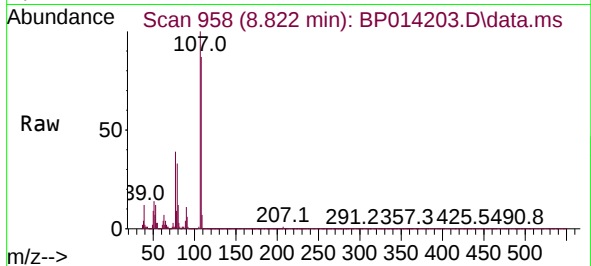
Tgt Ion: 70 Resp: 427402
Ion Ratio Lower Upper
70 100
42 51.8 40.9 61.3
101 9.8 7.9 11.9
130 18.2 16.6 25.0





#18
4-Methylphenol
Concen: 34.600 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

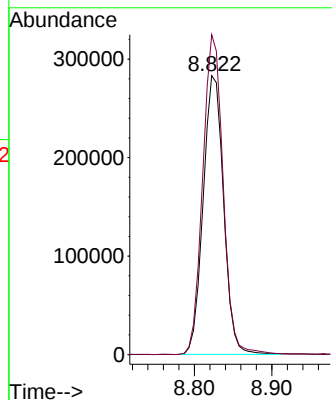
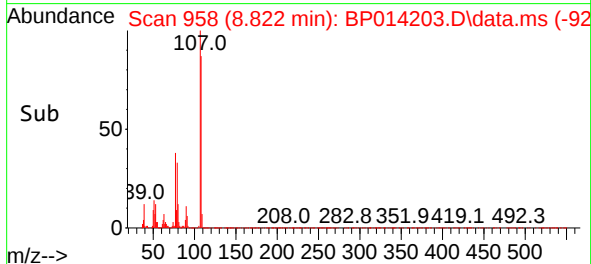
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:108 Resp: 518675
Ion Ratio Lower Upper
108 100
107 114.7 89.8 134.6

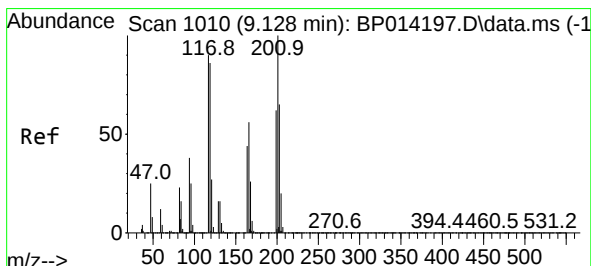
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Supervised By :mohammad ahmed 03/24/2023



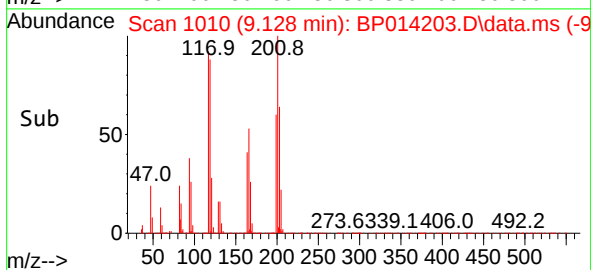
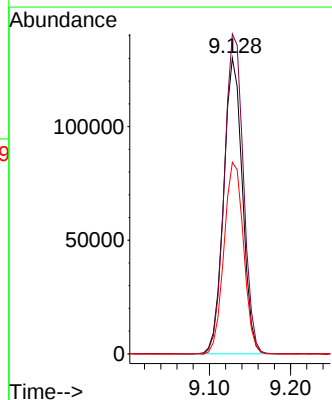
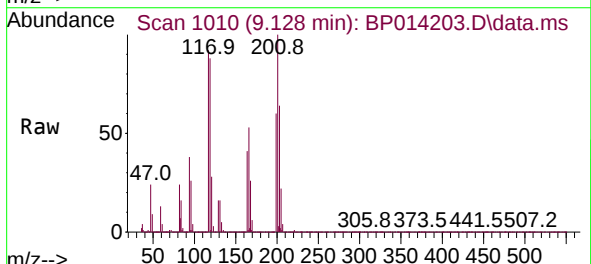
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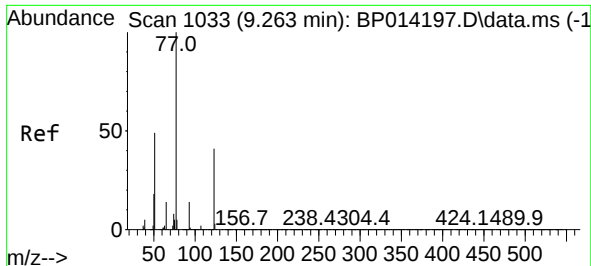
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#19
Hexachloroethane
Concen: 34.879 ng/ul
RT: 9.128 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

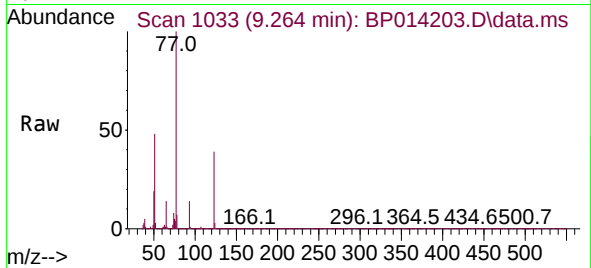
Tgt Ion:117 Resp: 208407
Ion Ratio Lower Upper
117 100
201 108.2 91.7 137.5
199 64.8 59.1 88.7





#22
Nitrobenzene
Concen: 35.035 ng/ul
RT: 9.264 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

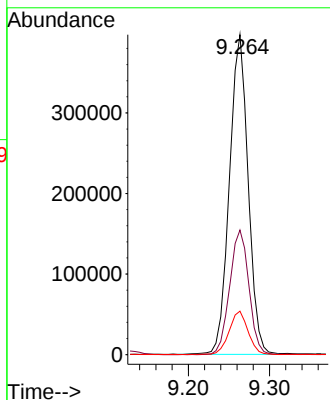
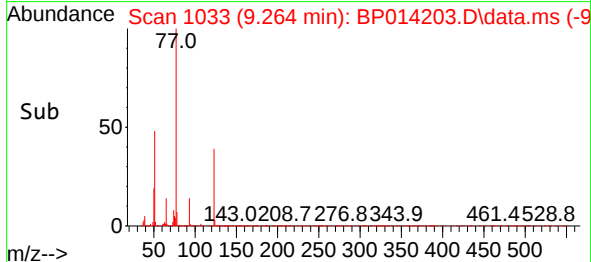
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion: 77 Resp: 636125
Ion Ratio Lower Upper
77 100
123 38.9 32.6 48.8
65 13.6 11.2 16.8

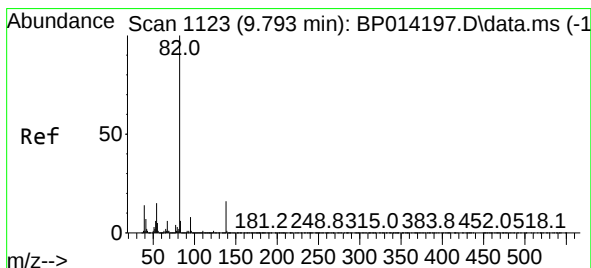
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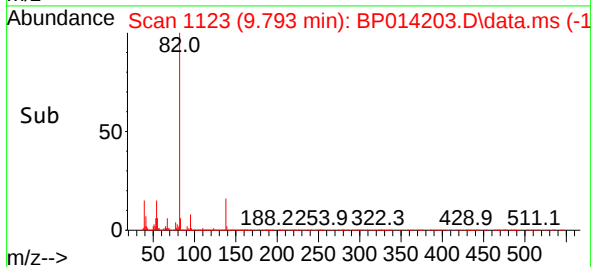
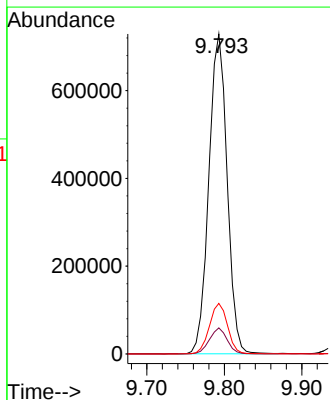
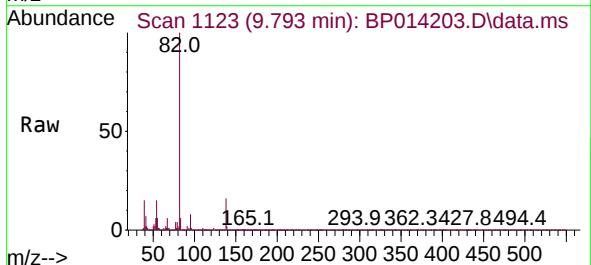
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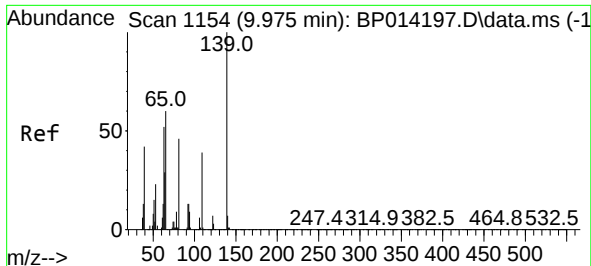
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#23
Isophorone
Concen: 34.224 ng/ul
RT: 9.793 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion: 82 Resp: 1196661
Ion Ratio Lower Upper
82 100
95 8.1 7.1 10.7
138 15.8 13.3 19.9





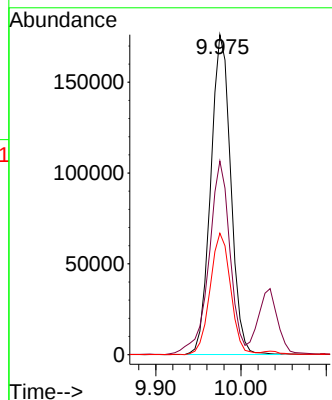
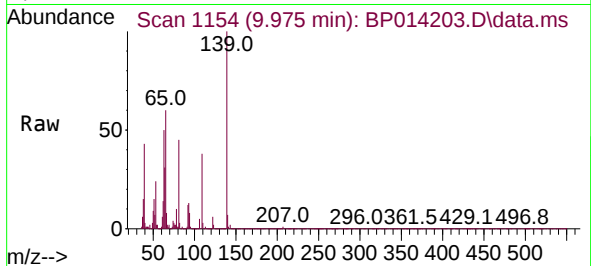
#25
2-Nitrophenol
Concen: 34.416 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Instrument :
BNA_P
ClientSampleId :
SLCS558

Tgt Ion:139 Resp: 288200
Ion Ratio Lower Upper
139 100
65 60.5 46.6 70.0
109 37.9 34.5 51.7

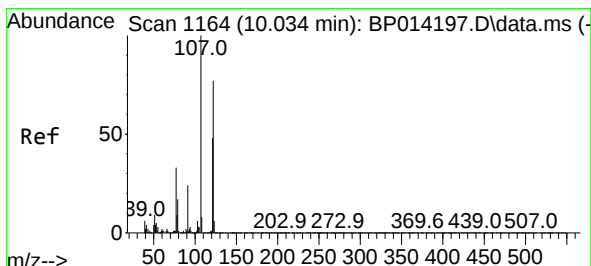
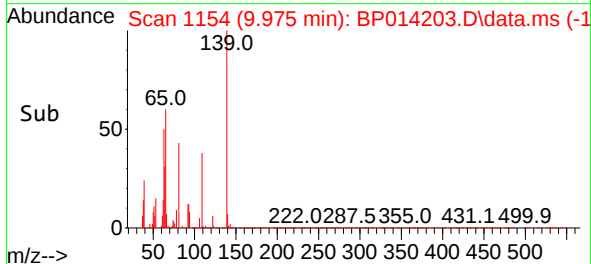
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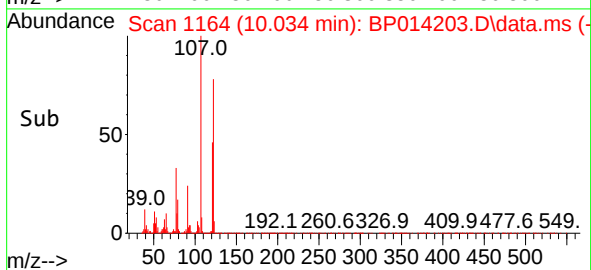
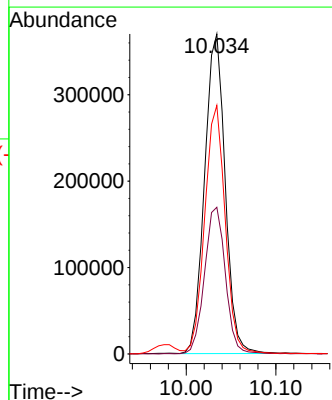
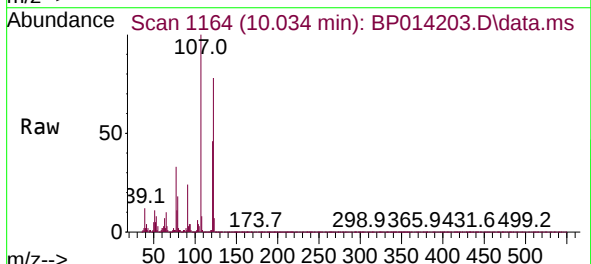
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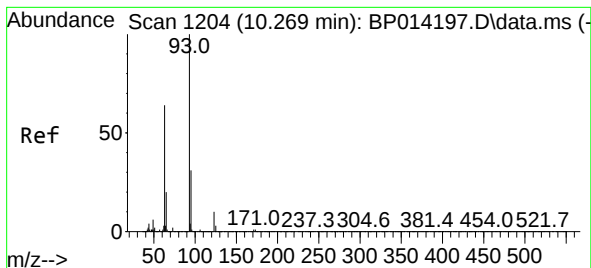
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#26
2,4-Dimethylphenol
Concen: 32.313 ng/ul
RT: 10.034 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

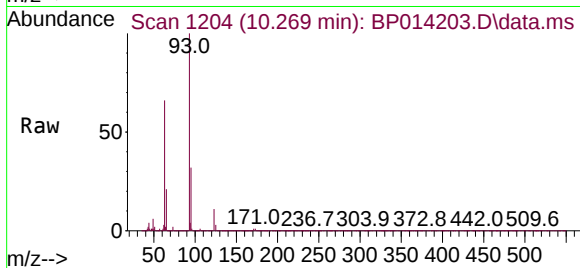
Tgt Ion:107 Resp: 592276
Ion Ratio Lower Upper
107 100
121 45.8 37.1 55.7
122 77.6 61.2 91.8





#27
Bis(2-Chloroethoxy)methane
Concen: 35.016 ng/ul
RT: 10.269 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

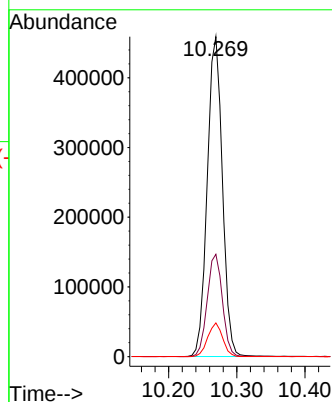
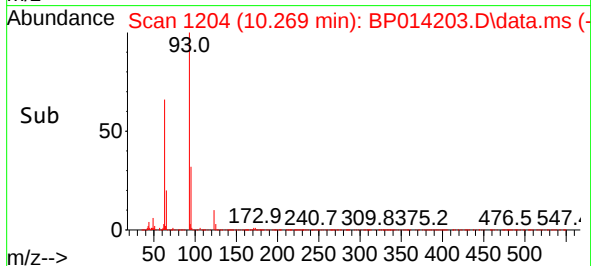
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion: 93 Resp: 708198
Ion Ratio Lower Upper
93 100
95 32.0 25.6 38.4
123 10.5 8.5 12.7

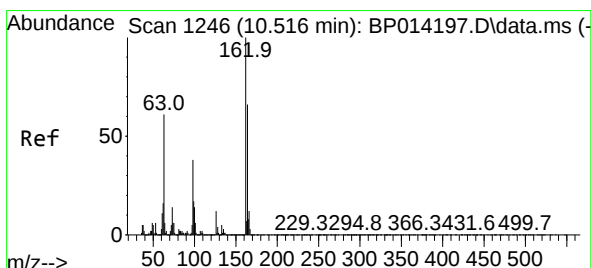
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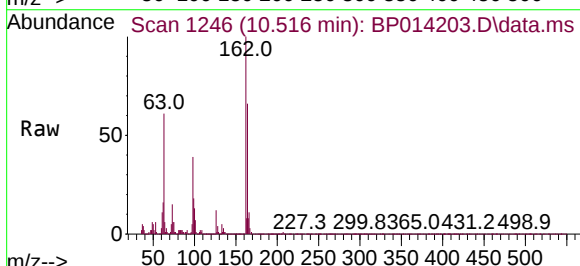


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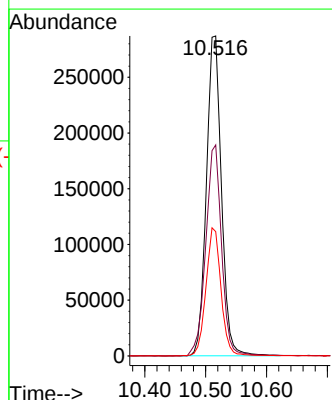
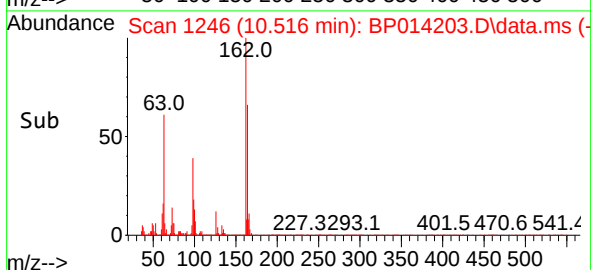
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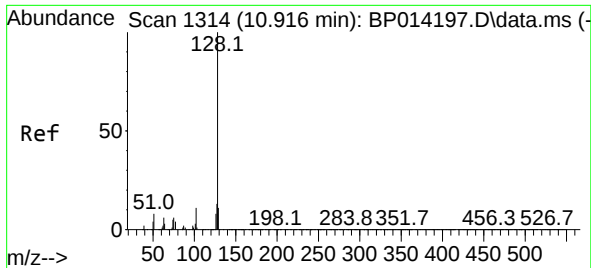


#29
2,4-Dichlorophenol
Concen: 32.740 ng/ul
RT: 10.516 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34



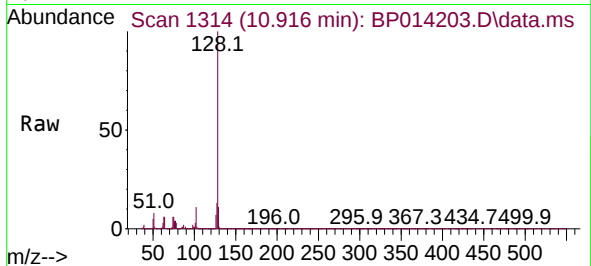
Tgt Ion:162 Resp: 493741
Ion Ratio Lower Upper
162 100
164 65.9 52.0 78.0
98 38.8 29.1 43.7





#30
Naphthalene
Concen: 33.543 ng/ul
RT: 10.916 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

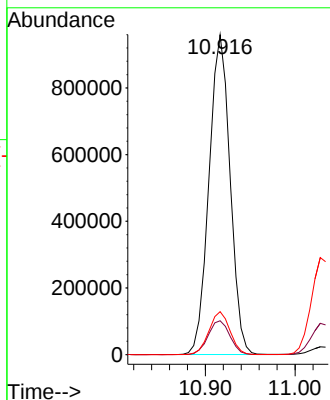
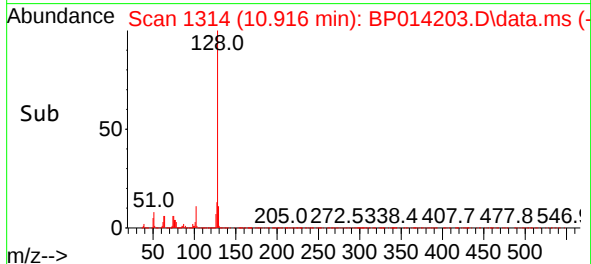
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:128 Resp: 1566930
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.4 11.0 16.4

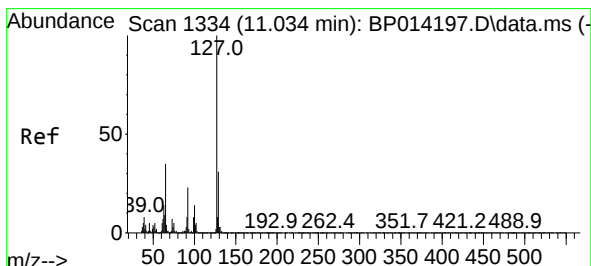
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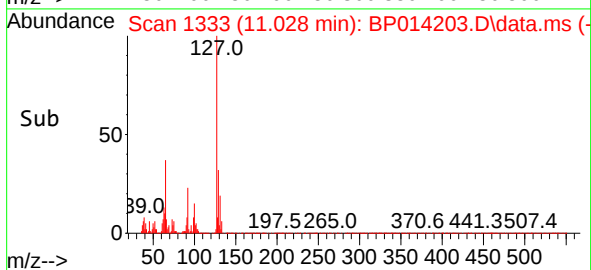
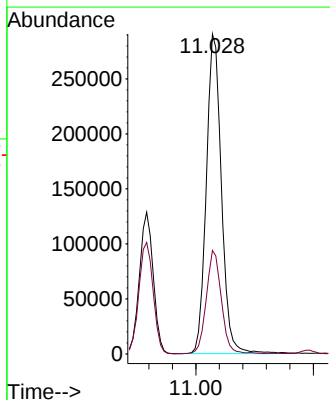
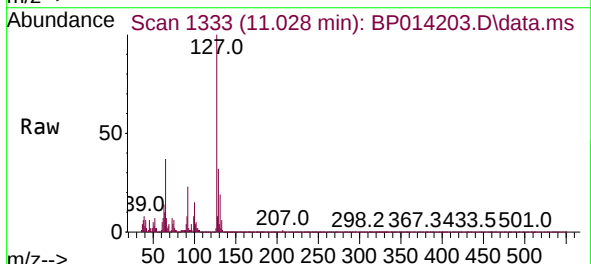
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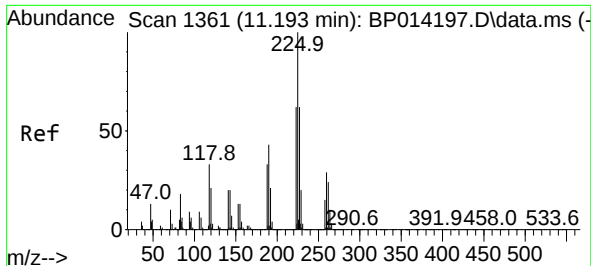
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#32
4-Chloroaniline
Concen: 25.475 ng/ul
RT: 11.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

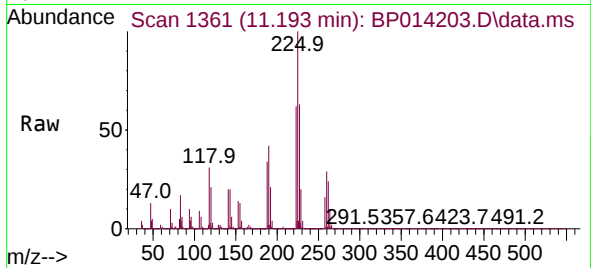
Tgt Ion:127 Resp: 518629
Ion Ratio Lower Upper
127 100
129 32.3 24.9 37.3





#33
Hexachlorobutadiene
Concen: 30.319 ng/ul
RT: 11.193 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

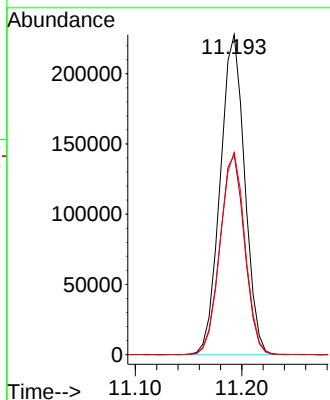
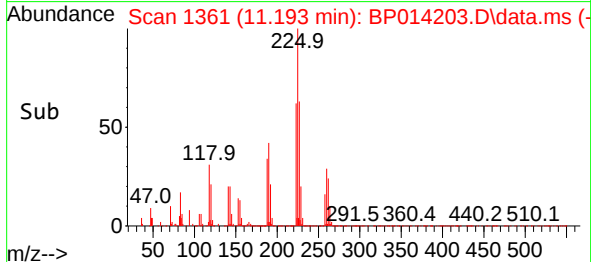
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:225 Resp: 36384
Ion Ratio Lower Upper
225 100
223 62.5 48.0 72.0
227 63.2 50.3 75.5

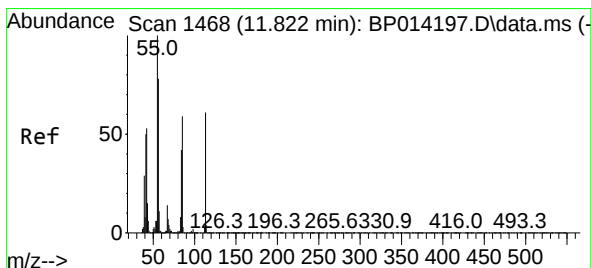
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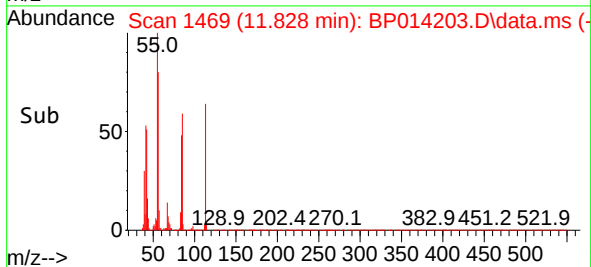
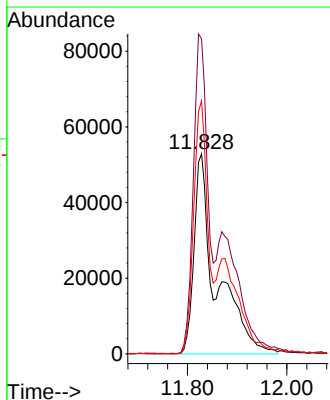
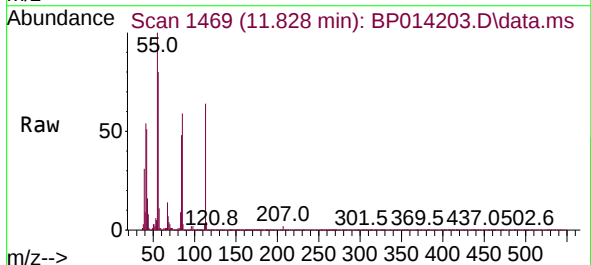
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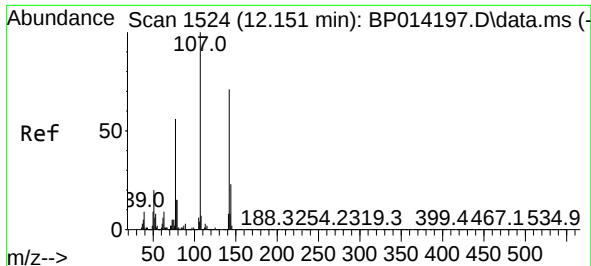
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#34
Caprolactam
Concen: 33.695 ng/ul m
RT: 11.828 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

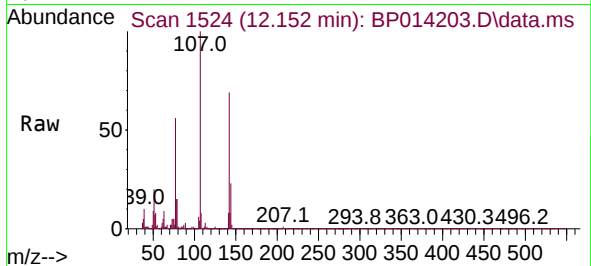
Tgt Ion:113 Resp: 164991
Ion Ratio Lower Upper
113 100
55 157.5 124.0 186.0
56 126.5 102.0 153.0





#35
4-Chloro-3-methylphenol
Concen: 33.748 ng/ul
RT: 12.152 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

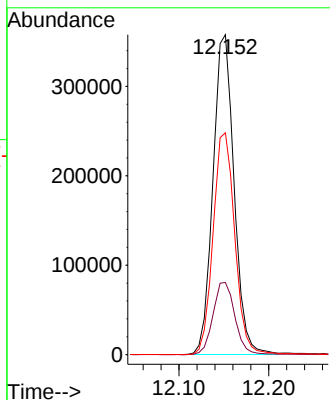
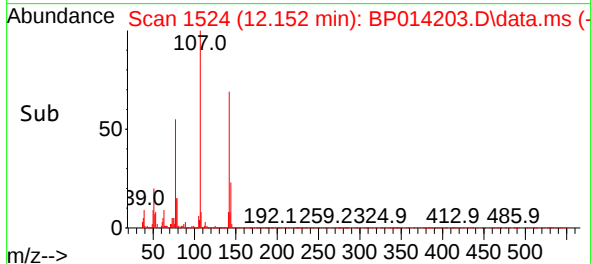
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:107 Resp: 588512
Ion Ratio Lower Upper
107 100
144 22.5 19.4 29.0
142 69.3 59.6 89.4

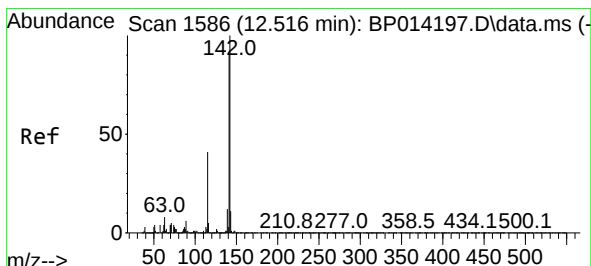
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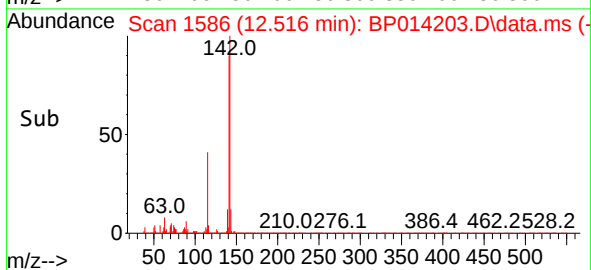
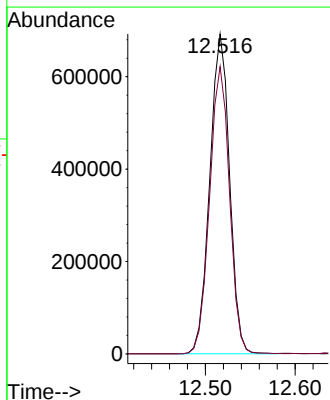
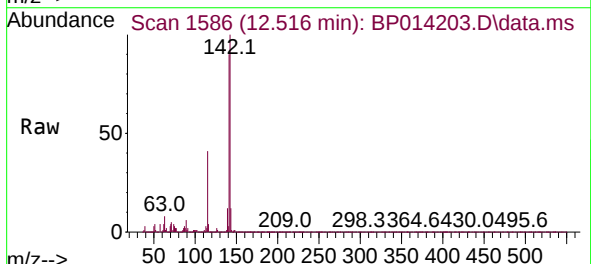
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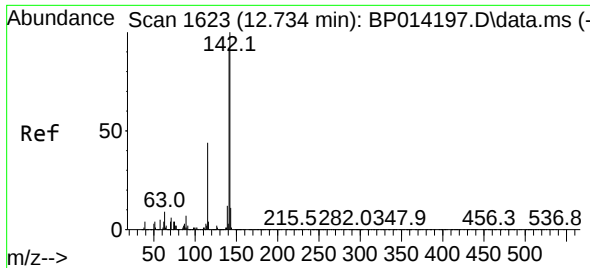
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#36
2-Methylnaphthalene
Concen: 32.352 ng/ul
RT: 12.516 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

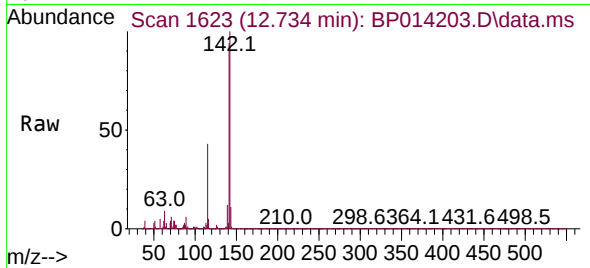
Tgt Ion:142 Resp: 1060009
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5





#37
1-Methylnaphthalene
Concen: 33.041 ng/ul
RT: 12.734 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

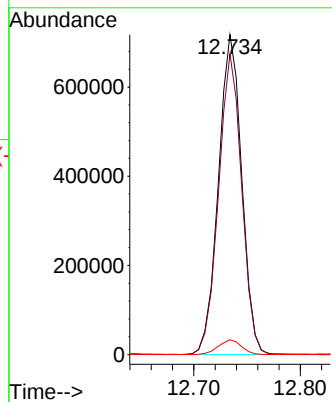
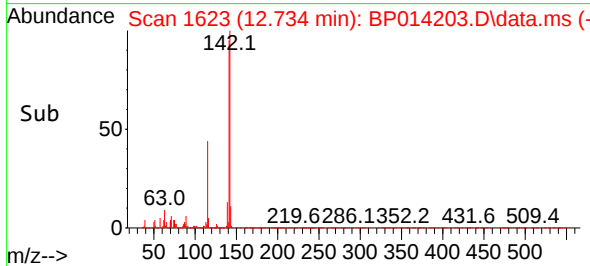
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:142 Resp: 1088097
Ion Ratio Lower Upper
142 100
141 94.0 73.8 110.6
116 4.6 3.7 5.5

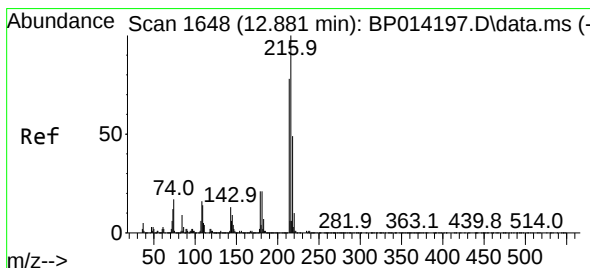
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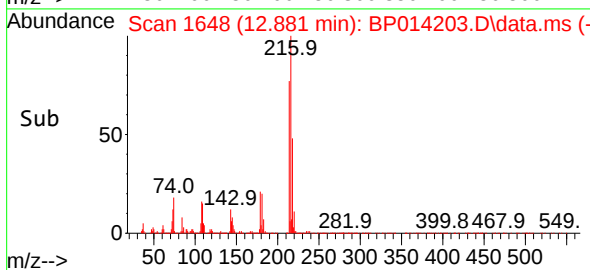
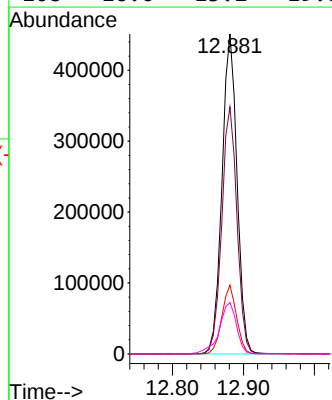
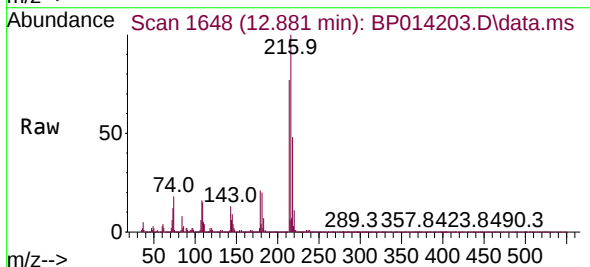
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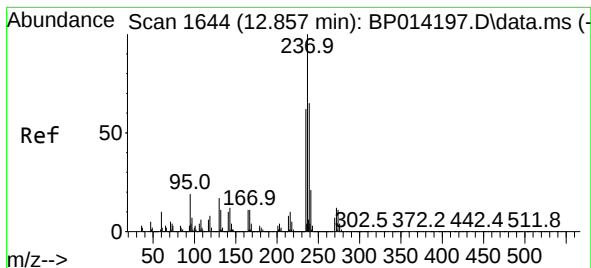
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.219 ng/ul
RT: 12.881 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion:216 Resp: 665671
Ion Ratio Lower Upper
216 100
214 77.2 61.7 92.5
179 21.5 16.2 24.4
108 16.0 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 24.974 ng/ul

RT: 12.852 min Scan# 1644

Delta R.T. -0.006 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

BNA_P

ClientSampleId :

SLCS558

Tgt Ion:237 Resp: 36948

Ion Ratio Lower Upper

237 100

235 62.8 49.0 73.6

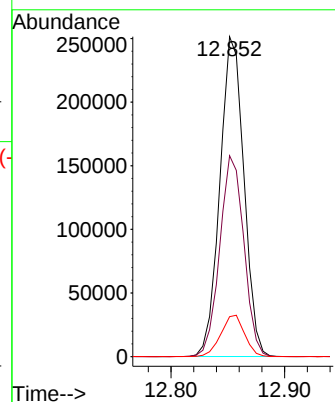
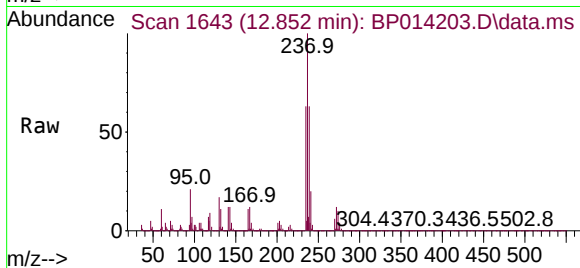
272 12.5 9.6 14.4

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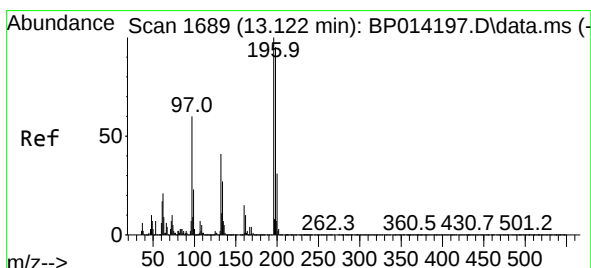
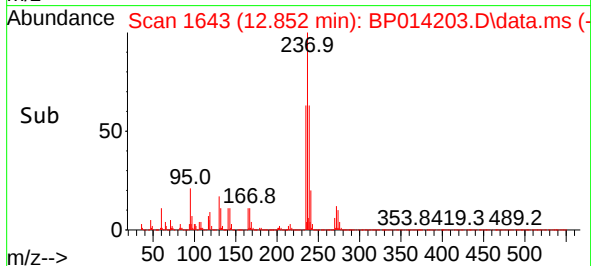
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ahmed

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#41

2,4,6-Trichlorophenol

Concen: 33.253 ng/ul

RT: 13.122 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

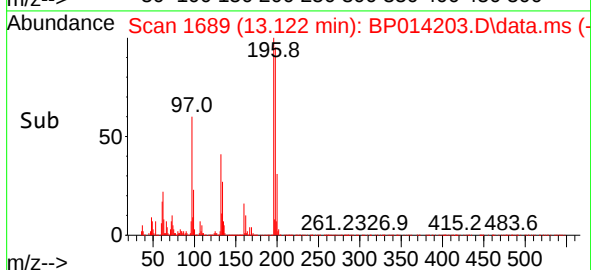
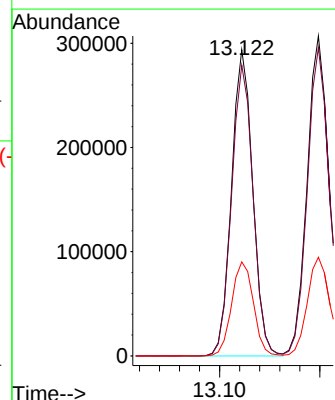
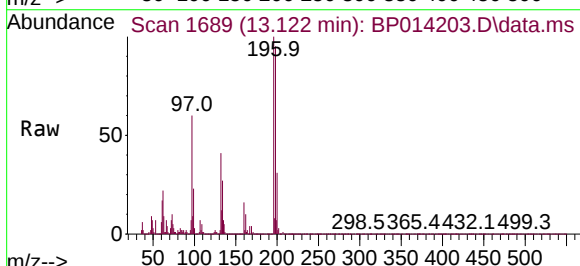
Tgt Ion:196 Resp: 431587

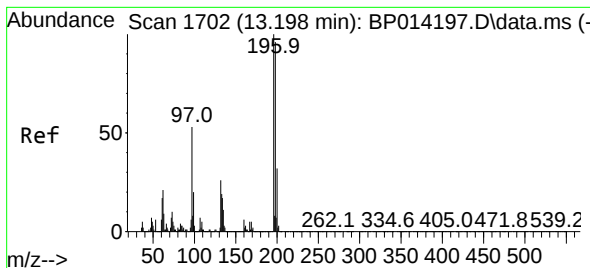
Ion Ratio Lower Upper

196 100

198 94.9 78.5 117.7

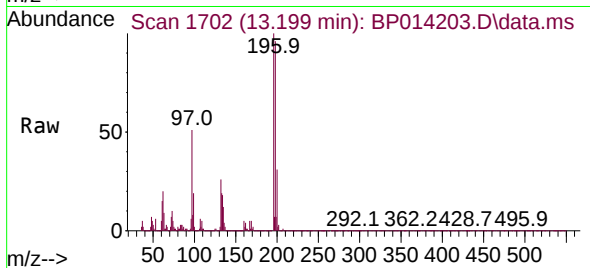
200 30.7 25.4 38.0





#42
2,4,5-Trichlorophenol
Concen: 33.517 ng/ul
RT: 13.199 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

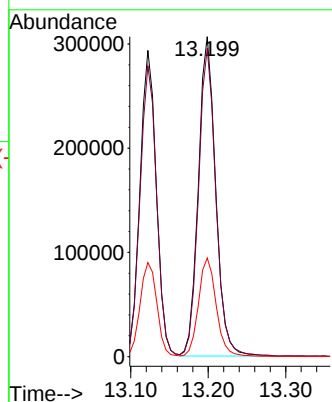
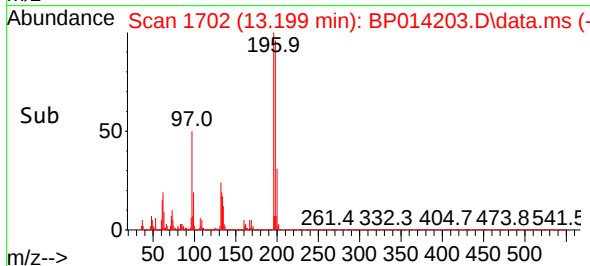
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:196 Resp: 477401
Ion Ratio Lower Upper
196 100
198 96.3 77.6 116.4
200 30.8 25.3 37.9

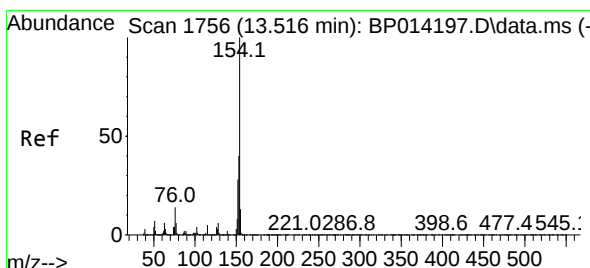
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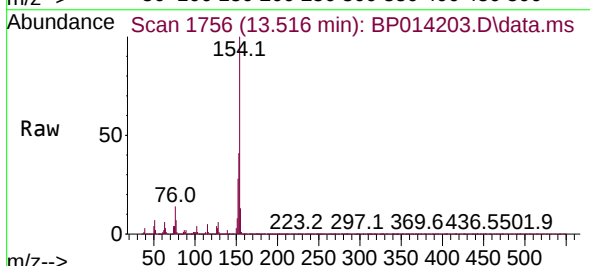


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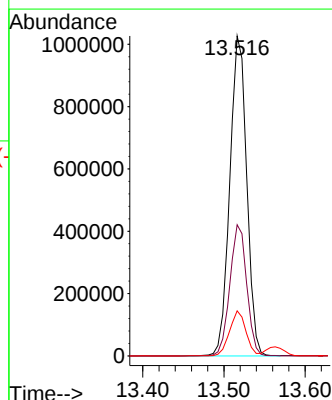
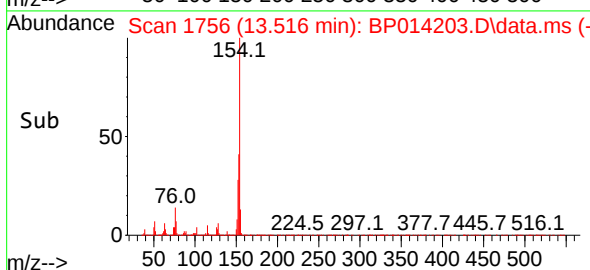
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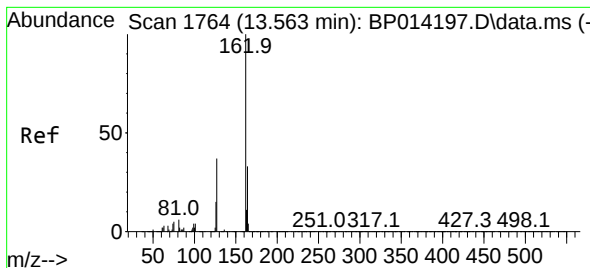


#43
1,1'-Biphenyl
Concen: 33.808 ng/ul
RT: 13.516 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34



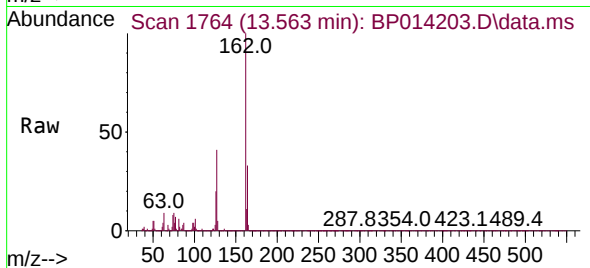
Tgt Ion:154 Resp: 1487112
Ion Ratio Lower Upper
154 100
153 41.0 32.6 49.0
76 14.1 9.4 14.0#





#44
2-Chloronaphthalene
Concen: 34.155 ng/ul
RT: 13.563 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

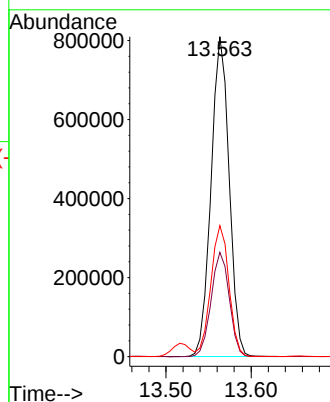
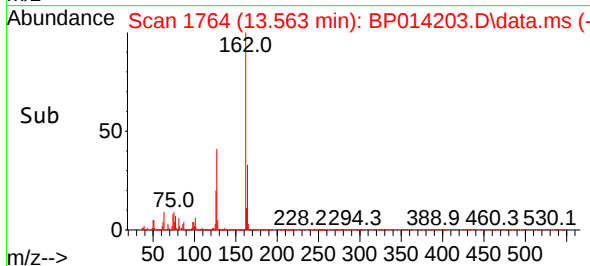
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:162 Resp: 1193206
Ion Ratio Lower Upper
162 100
164 32.6 26.0 39.0
127 40.9 31.3 46.9

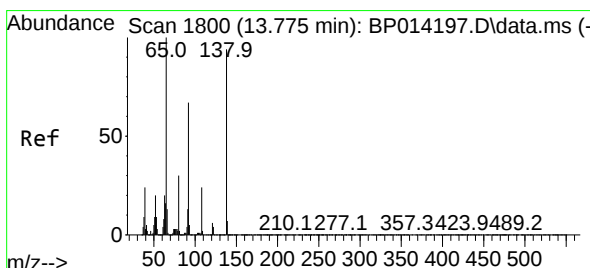
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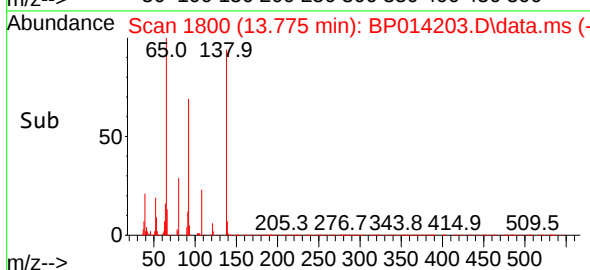
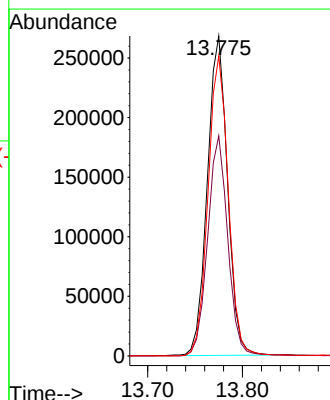
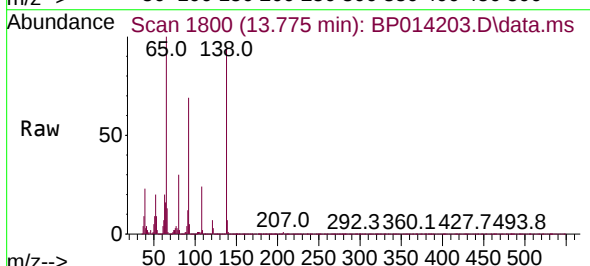
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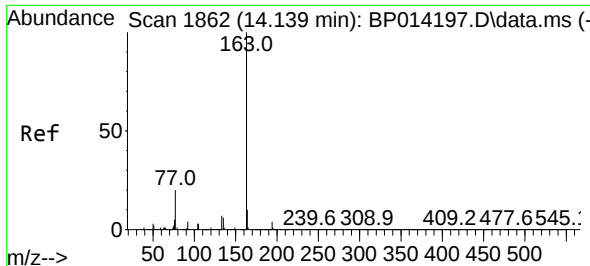
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#45
2-Nitroaniline
Concen: 38.373 ng/ul
RT: 13.775 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion: 65 Resp: 396487
Ion Ratio Lower Upper
65 100
92 68.8 56.3 84.5
138 93.7 81.4 122.2





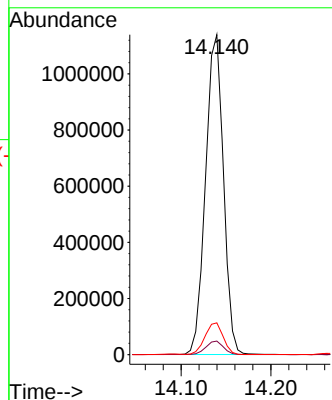
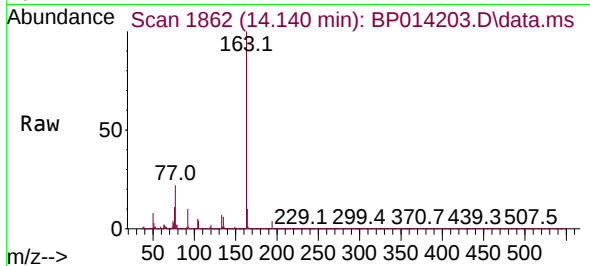
#47
Dimethylphthalate
Concen: 32.972 ng/ul
RT: 14.140 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Instrument :
BNA_P
ClientSampleId :
SLCS558

Tgt Ion:163 Resp: 1582466
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.9 8.2 12.4

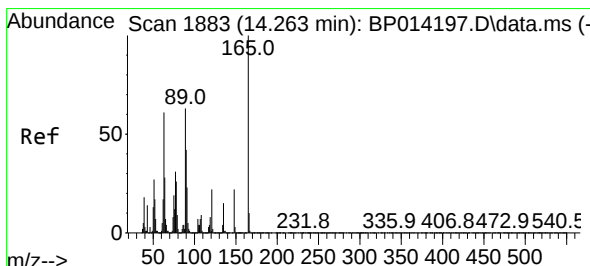
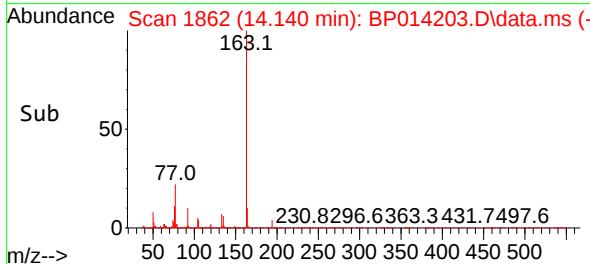
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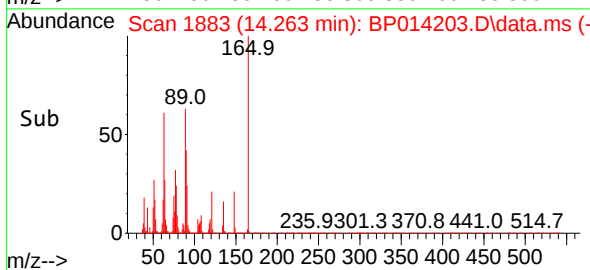
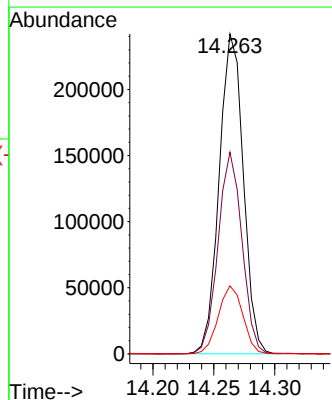
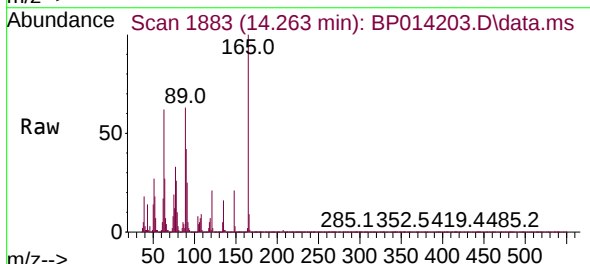
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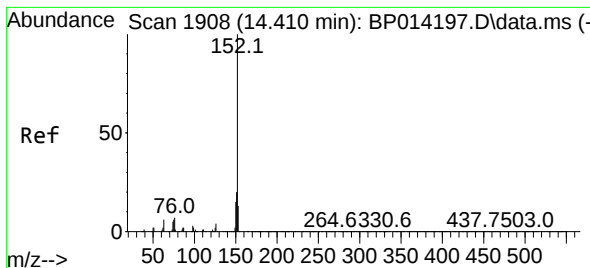
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#48
2,6-Dinitrotoluene
Concen: 35.151 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

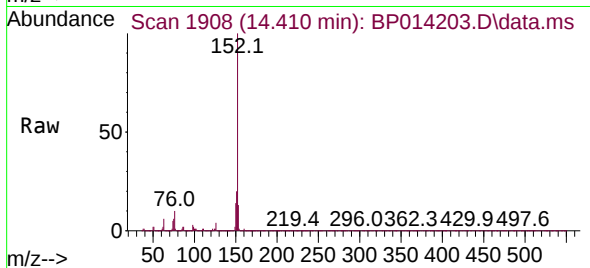
Tgt Ion:165 Resp: 333544
Ion Ratio Lower Upper
165 100
89 63.0 51.7 77.5
121 21.3 17.5 26.3





#50
Acenaphthylene
Concen: 33.898 ng/ul
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

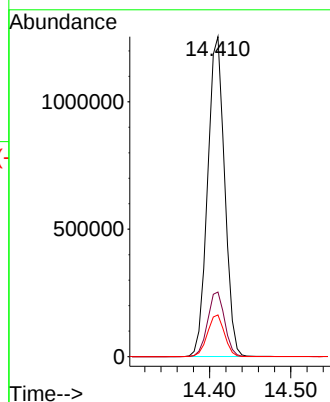
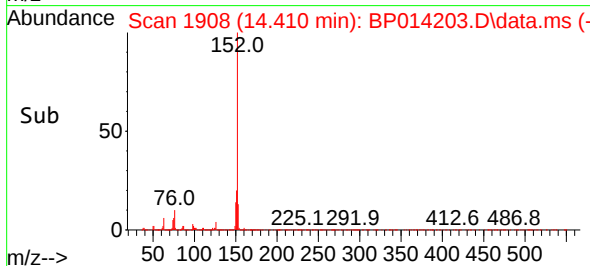
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:152 Resp: 1827288
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.1 10.4 15.6

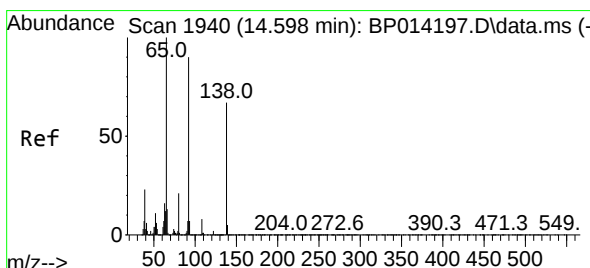
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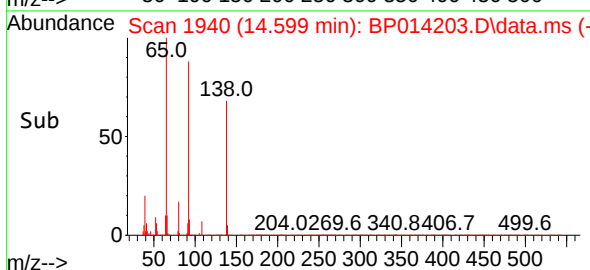
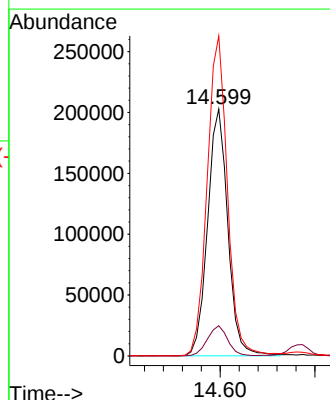
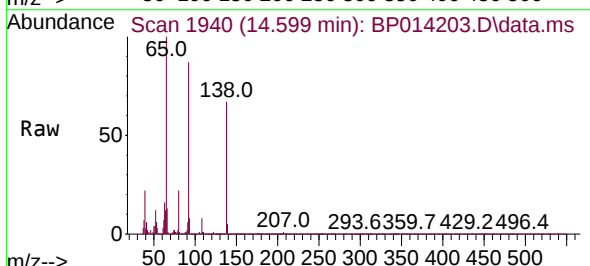
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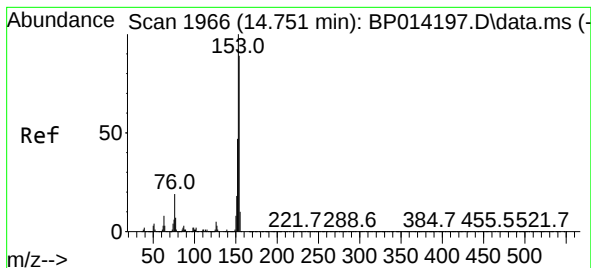
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#51
3-Nitroaniline
Concen: 35.868 ng/ul
RT: 14.599 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion:138 Resp: 301344
Ion Ratio Lower Upper
138 100
108 12.2 10.5 15.7
92 129.7 98.5 147.7





#52

Acenaphthene

Concen: 33.803 ng/ul

RT: 14.746 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

BNA_P

ClientSampleId :

SLCS558

Tgt Ion:153 Resp: 1273854

Ion Ratio Lower Upper

153 100

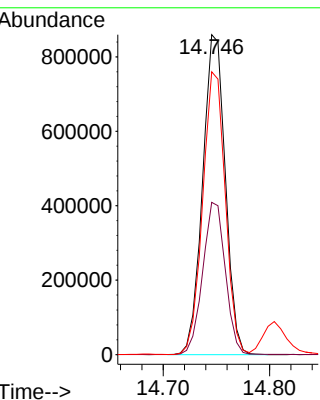
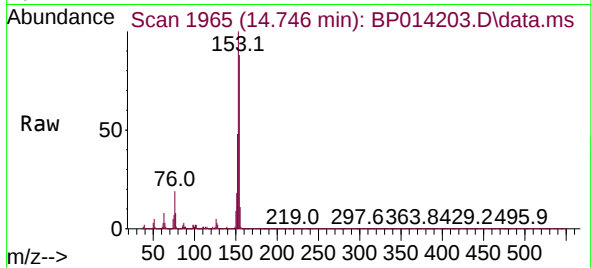
152 47.6 37.7 56.5

154 88.4 70.4 105.6

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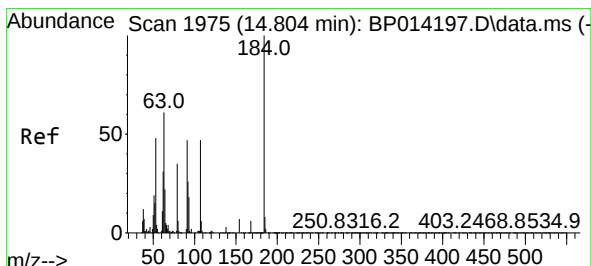
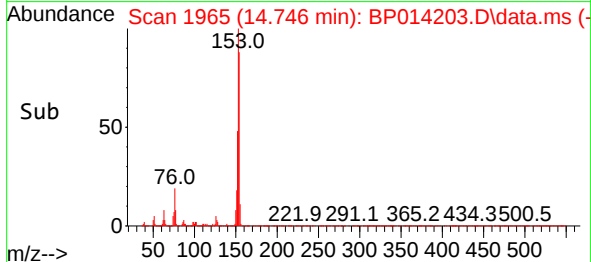
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#53

2,4-Dinitrophenol

Concen: 28.559 ng/ul

RT: 14.804 min Scan# 1975

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

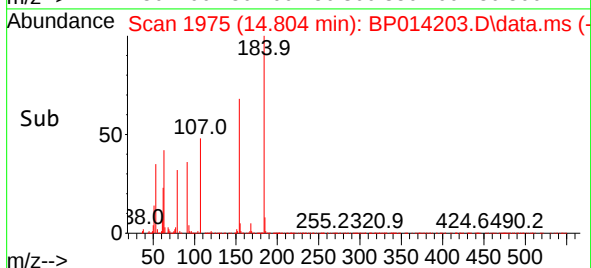
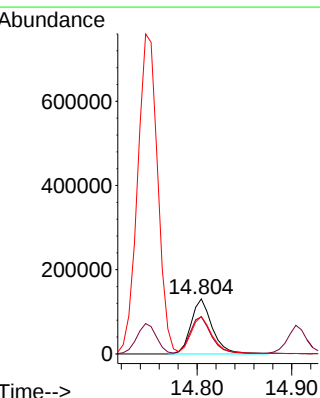
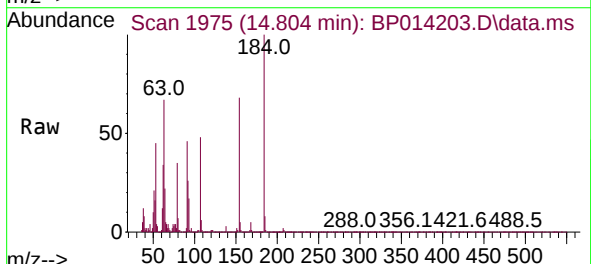
Tgt Ion:184 Resp: 202374

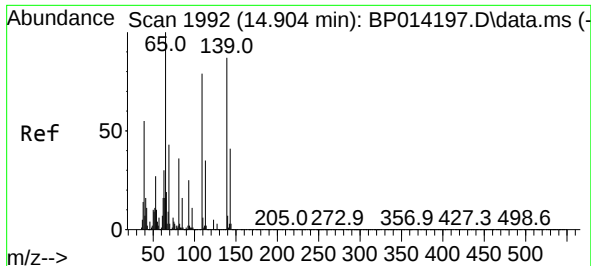
Ion Ratio Lower Upper

184 100

63 67.5 51.9 77.9

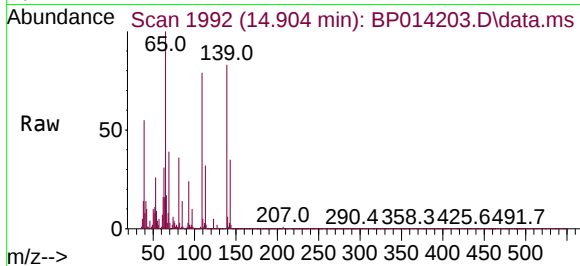
154 68.0 58.8 88.2





#55
4-Nitrophenol
Concen: 27.938 ng/ul
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

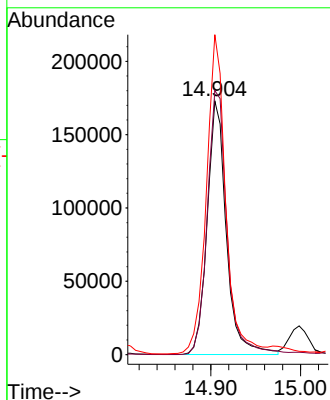
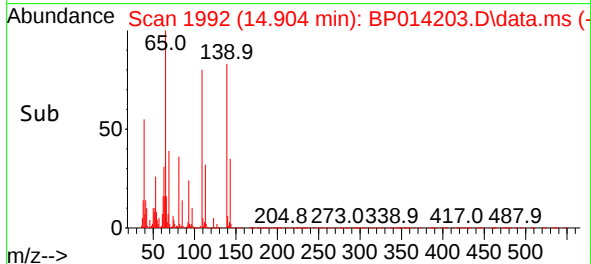
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:109 Resp: 257868
Ion Ratio Lower Upper
109 100
139 104.2 74.5 111.7
65 126.2 86.6 130.0

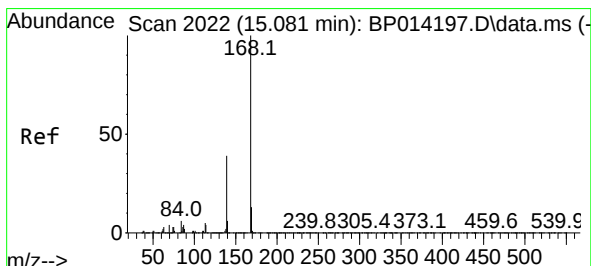
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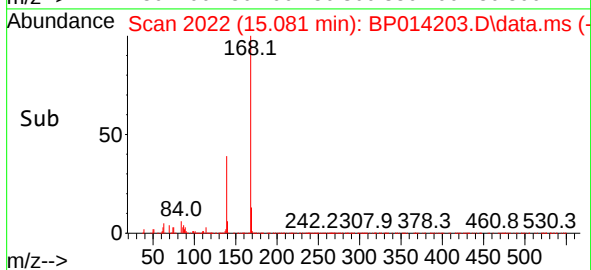
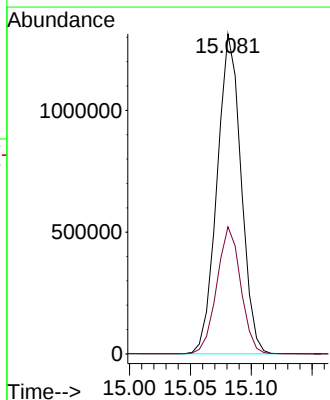
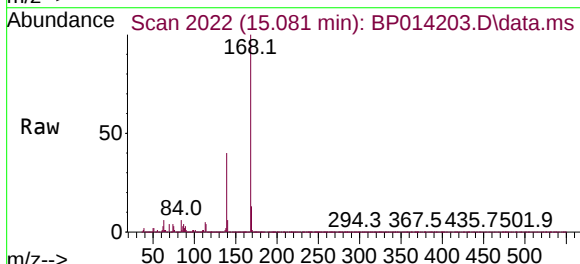
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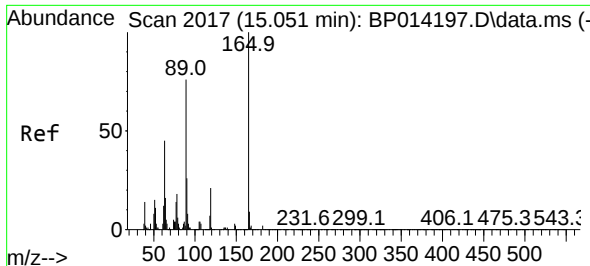
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#56
Dibenzofuran
Concen: 32.826 ng/ul
RT: 15.081 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion:168 Resp: 1799649
Ion Ratio Lower Upper
168 100
139 39.7 31.8 47.6





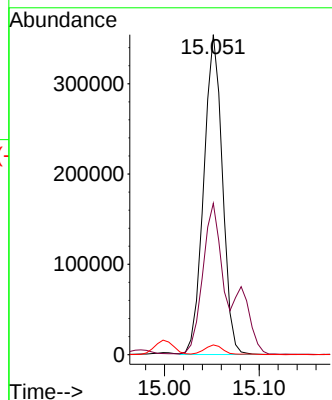
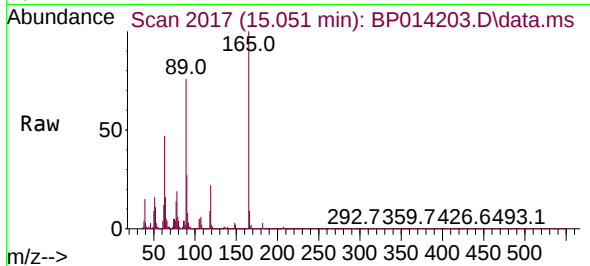
#57
2,4-Dinitrotoluene
Concen: 34.261 ng/ul
RT: 15.051 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Instrument :
BNA_P
ClientSampleId :
SLCS558

Tgt Ion:165 Resp: 48571
Ion Ratio Lower Upper
165 100
63 47.3 34.6 52.0
182 3.0 2.2 3.2

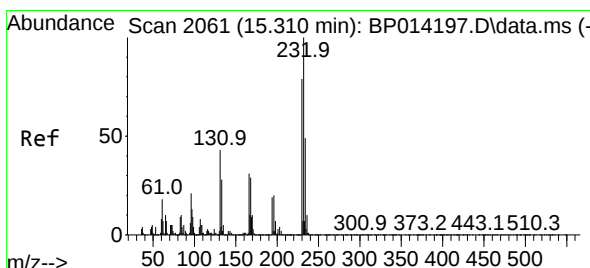
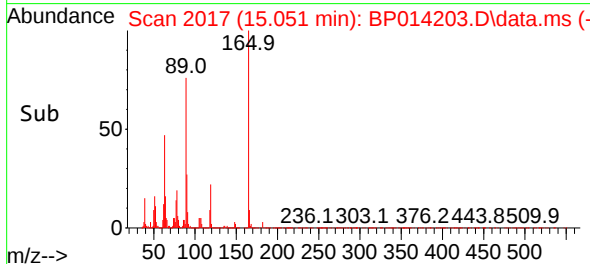
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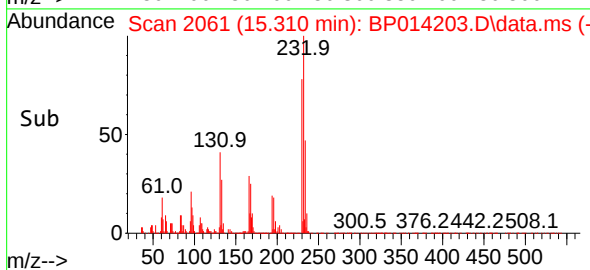
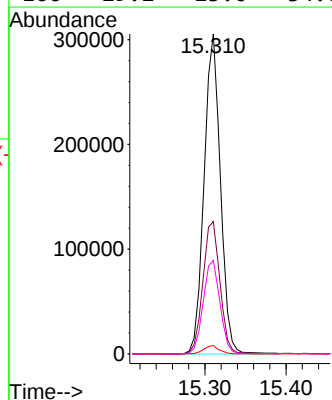
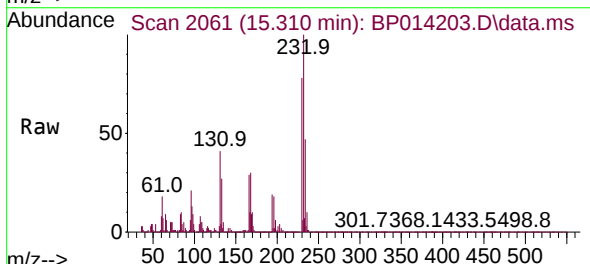
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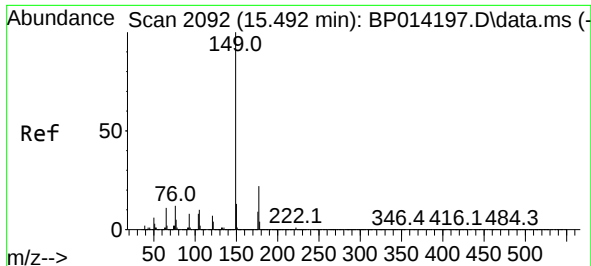
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#58
2,3,4,6-Tetrachlorophenol
Concen: 31.369 ng/ul
RT: 15.310 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

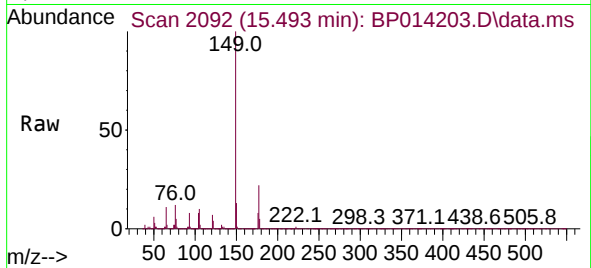
Tgt Ion:232 Resp: 427463
Ion Ratio Lower Upper
232 100
131 41.4 34.1 51.1
130 2.6 2.1 3.1
166 29.2 23.0 34.6





#59
Diethylphthalate
Concen: 33.092 ng/ul
RT: 15.493 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

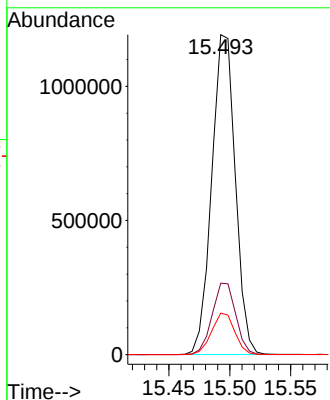
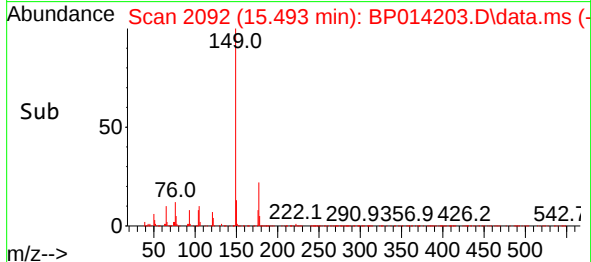
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:149 Resp: 1610921
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 13.0 10.0 15.0

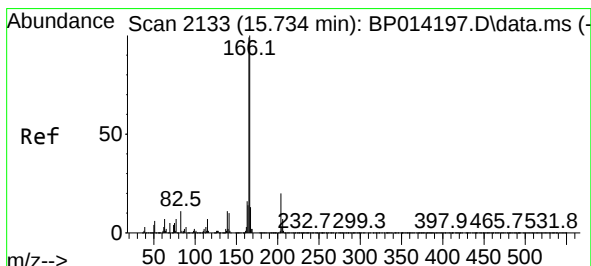
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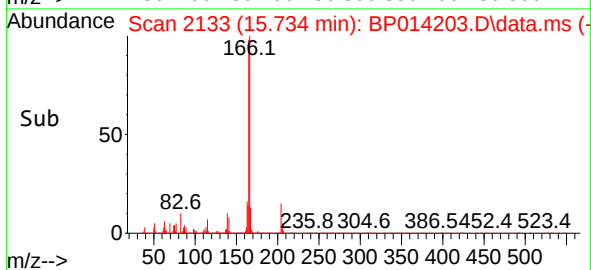
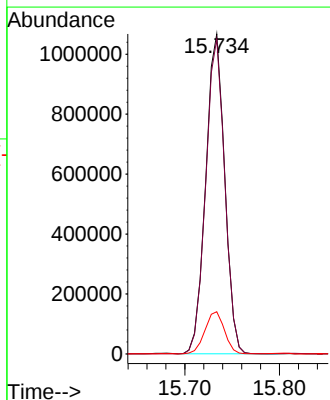
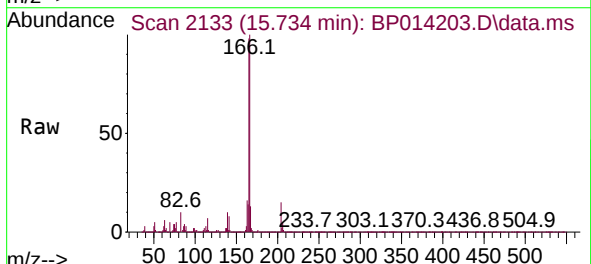
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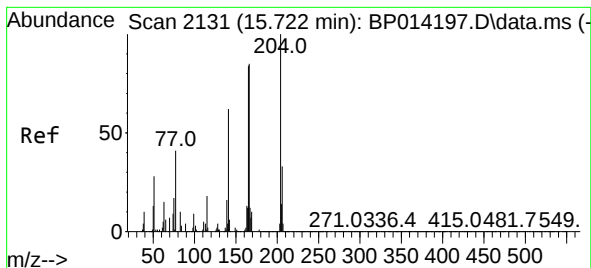
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#61
Fluorene
Concen: 32.752 ng/ul
RT: 15.734 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

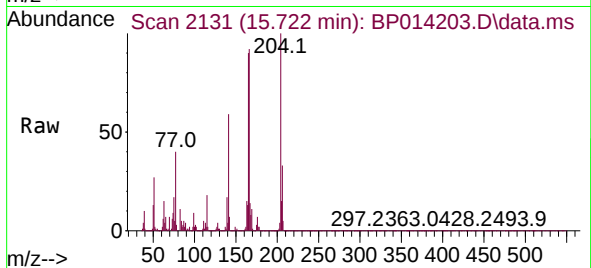
Tgt Ion:166 Resp: 1488397
Ion Ratio Lower Upper
166 100
165 98.4 78.9 118.3
167 13.2 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 31.832 ng/ul
RT: 15.722 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

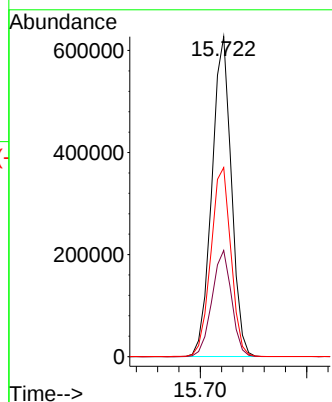
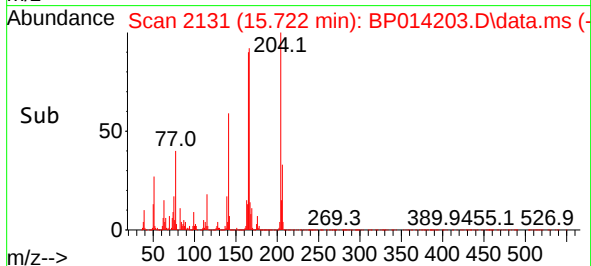
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:204 Resp: 798417
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 59.1 49.2 73.8

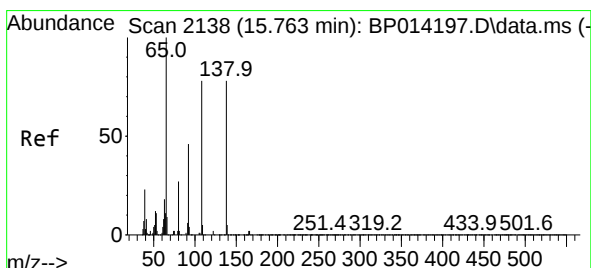
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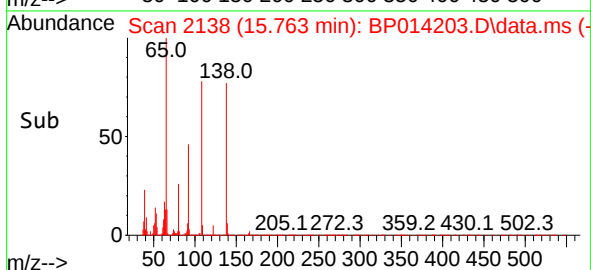
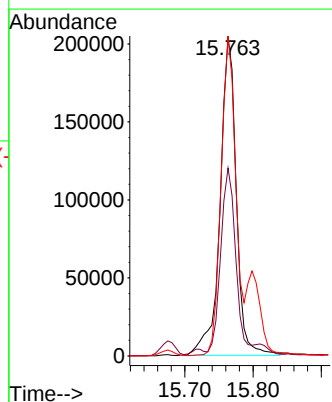
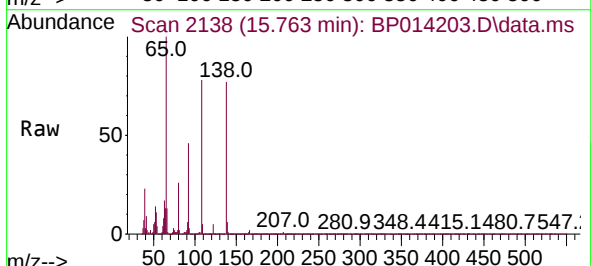
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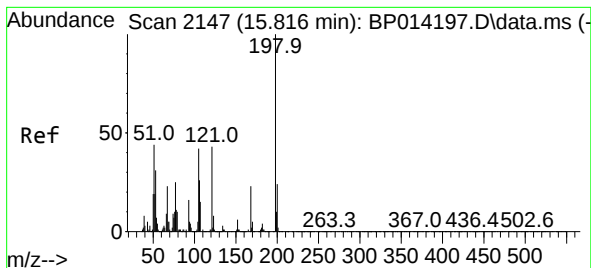
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#63
4-Nitroaniline
Concen: 38.909 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

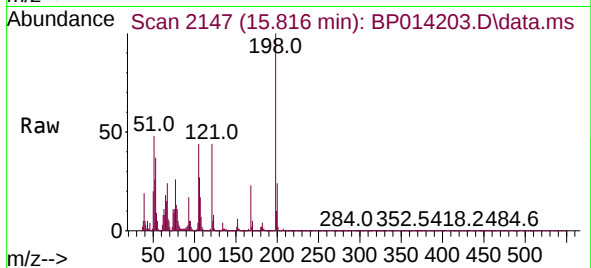
Tgt Ion:138 Resp: 336021
Ion Ratio Lower Upper
138 100
92 59.0 44.5 66.7
108 100.5 87.2 130.8





#66
4,6-Dinitro-2-methylphenol
Concen: 31.997 ng/ul
RT: 15.816 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

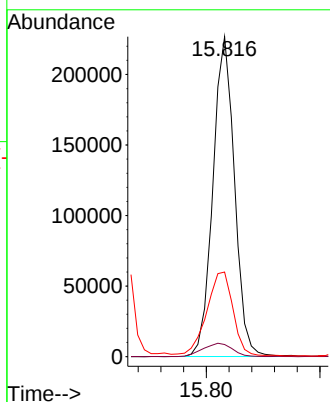
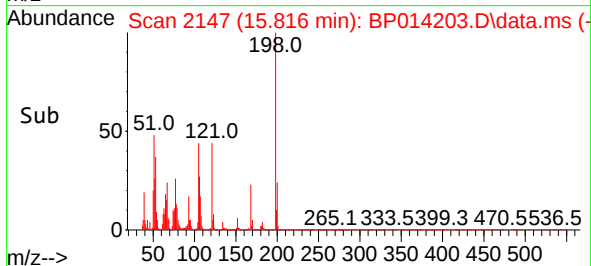
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:198 Resp: 299160
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.6
77 26.4 20.3 30.5

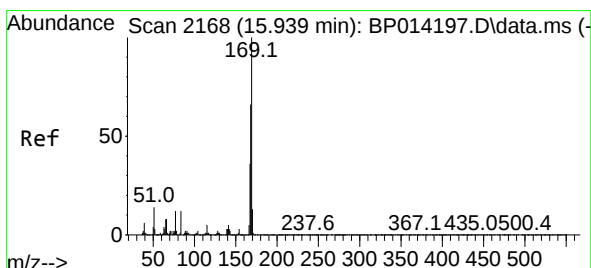
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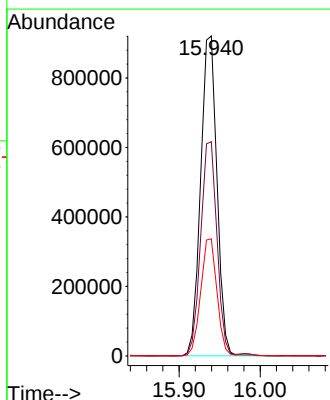
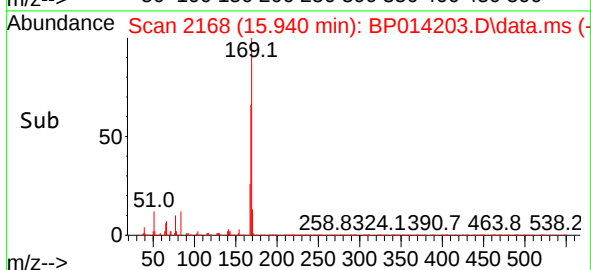
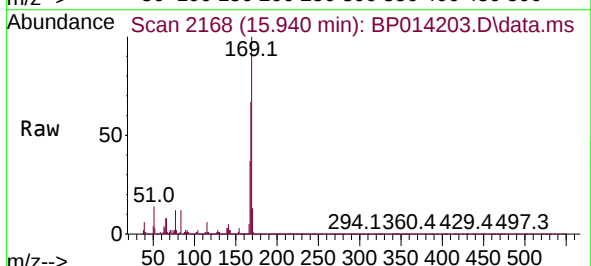
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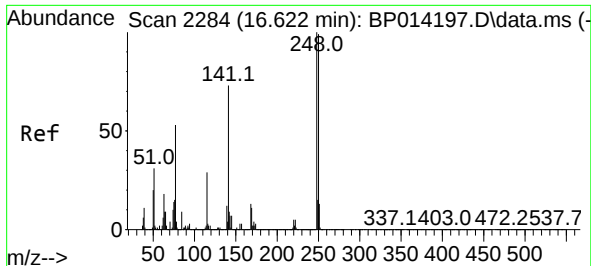
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#67
N-Nitrosodiphenylamine
Concen: 35.151 ng/ul
RT: 15.940 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion:169 Resp: 1287240
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.6 28.6 43.0





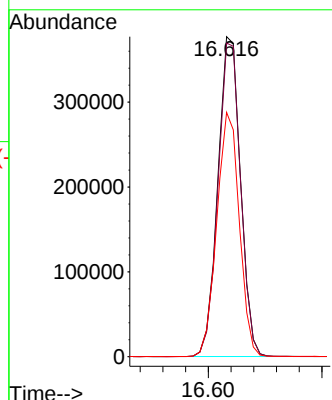
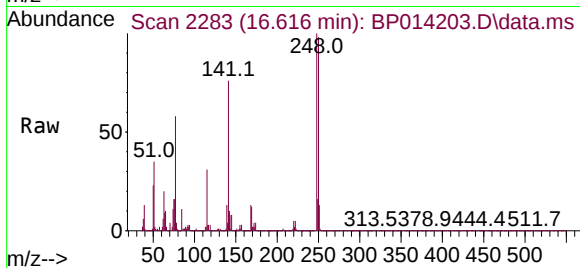
#68
4-Bromophenyl-phenylether
Concen: 33.247 ng/ul
RT: 16.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Instrument :
BNA_P
ClientSampleId :
SLCS558

Tgt Ion:248 Resp: 52115
Ion Ratio Lower Upper
248 100
250 98.0 78.8 118.2
141 76.3 60.8 91.2

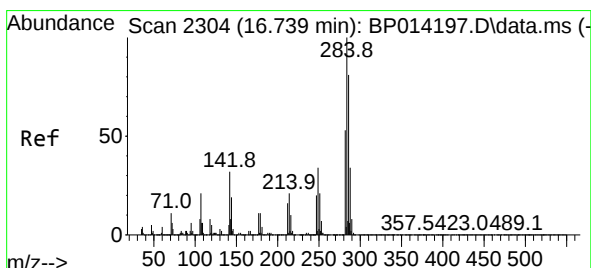
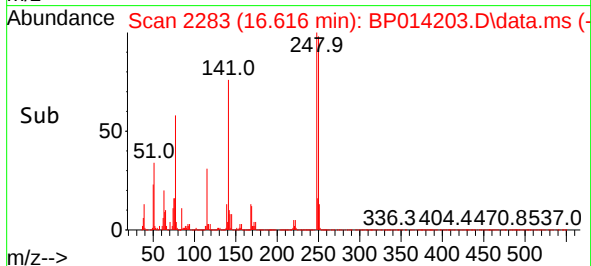
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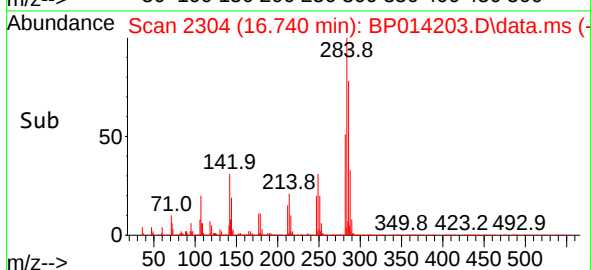
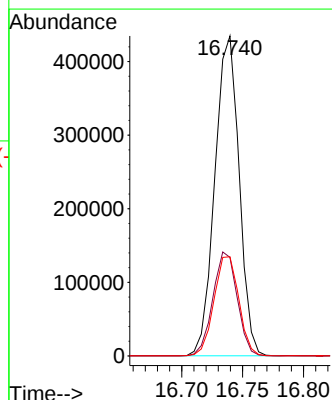
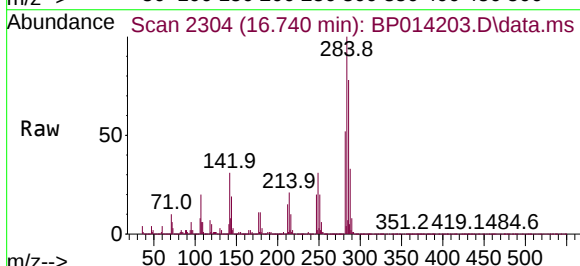
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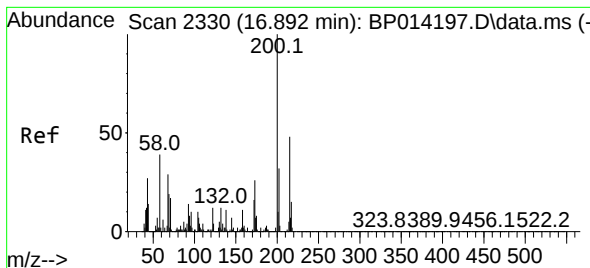
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#69
Hexachlorobenzene
Concen: 32.618 ng/ul
RT: 16.740 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion:284 Resp: 602511
Ion Ratio Lower Upper
284 100
142 30.8 23.2 34.8
249 31.0 25.7 38.5





#70

Atrazine

Concen: 24.978 ng/ul

RT: 16.892 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

BNA_P

ClientSampleId :

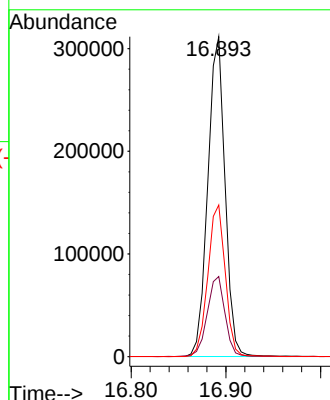
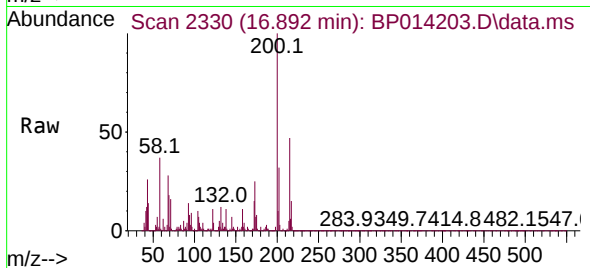
SLCS558

Tgt Ion:200	Resp: 39451
Ion Ratio	Lower Upper
200 100	
173 25.0	19.0 28.4
215 47.4	38.5 57.7

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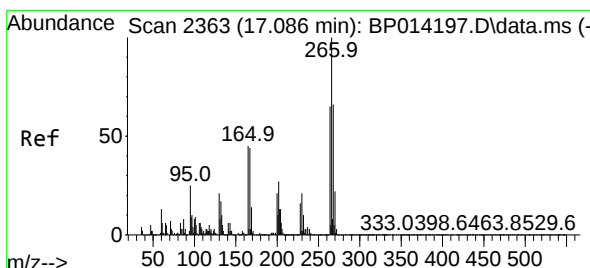
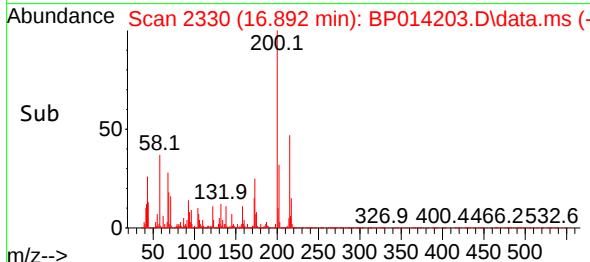
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03/24/2023



#71

Pentachlorophenol

Concen: 28.902 ng/ul

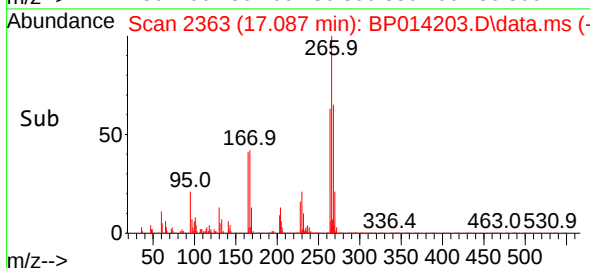
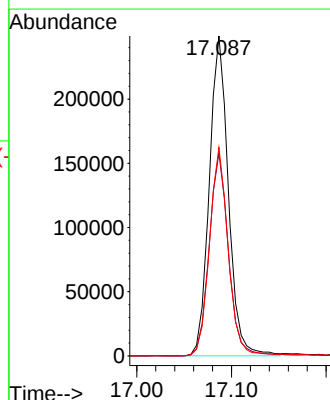
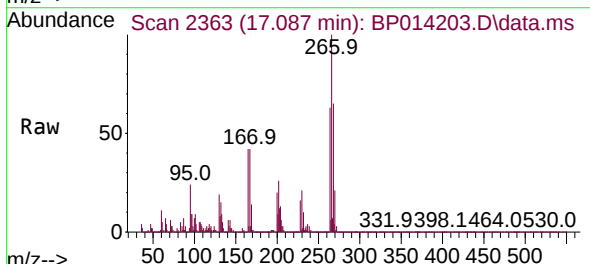
RT: 17.087 min Scan# 2363

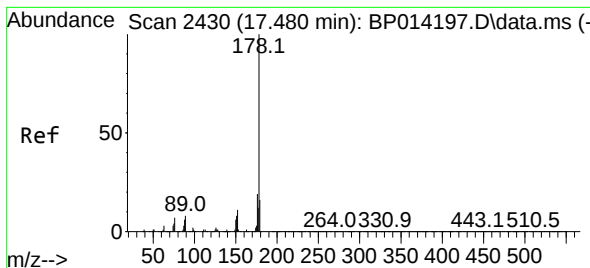
Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Tgt Ion:266	Resp: 348972
Ion Ratio	Lower Upper
266 100	
264 63.3	48.4 72.6
268 65.2	50.4 75.6





#72

Phenanthrene

Concen: 34.301 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

BNP_P

ClientSampleId :

SLCS558

Tgt Ion:178 Resp: 242581

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

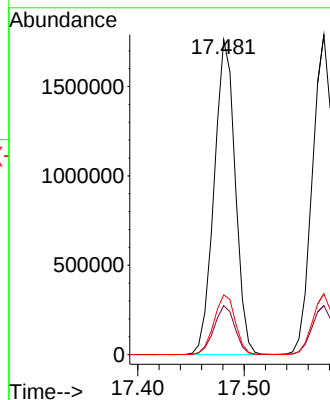
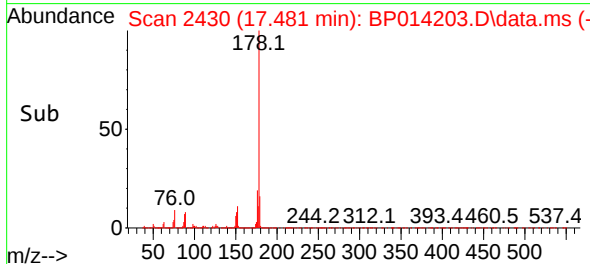
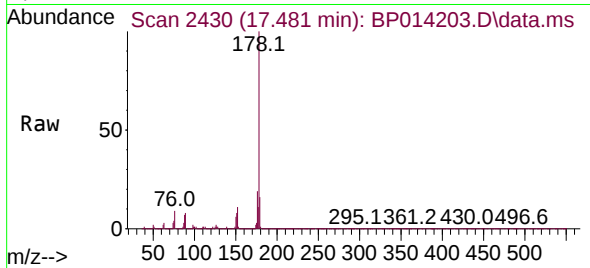
176 19.0 15.4 23.0

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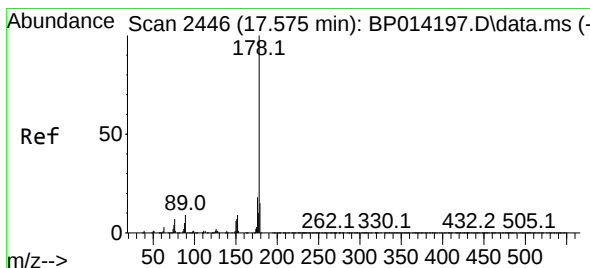
Supervised By :mohammad ahmed 03/24/2023



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Supervised By :mohammad
ahmed

03/24/2023



#74

Anthracene

Concen: 34.232 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

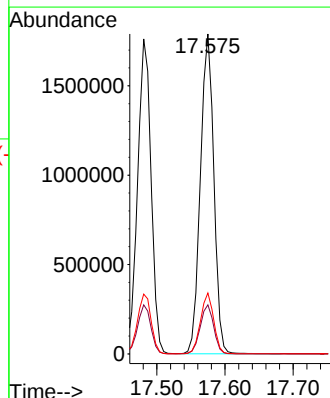
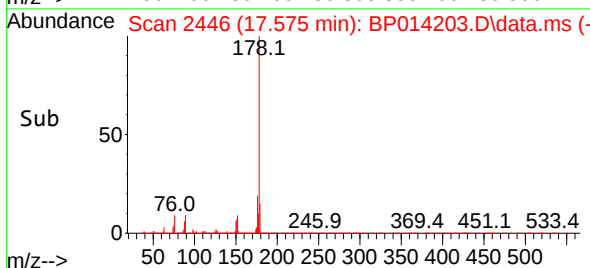
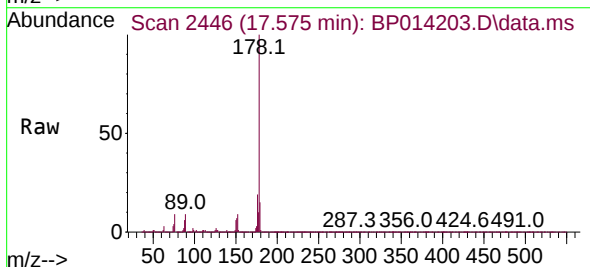
Tgt Ion:178 Resp: 2454736

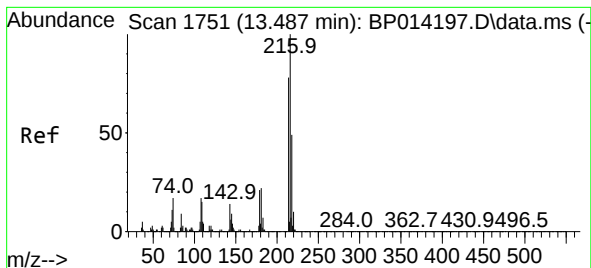
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.0 15.1 22.7





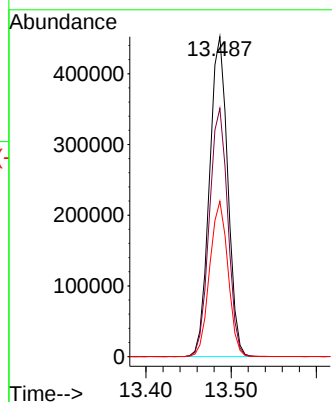
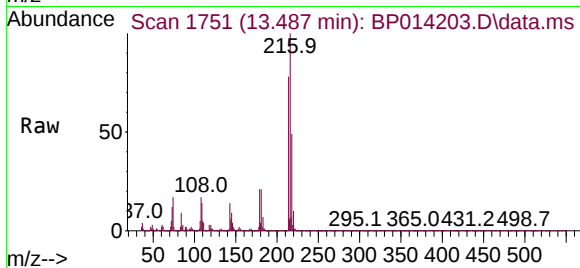
#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.919 ng/uL
RT: 13.487 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Instrument :
BNA_P
ClientSampleId :
SLCS558

Tgt Ion:216 Resp: 674964
Ion Ratio Lower Upper
216 100
214 77.6 61.4 92.2
218 48.5 39.1 58.7

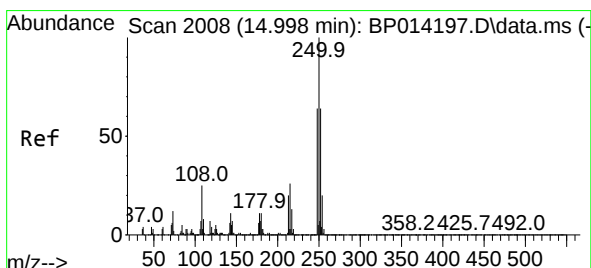
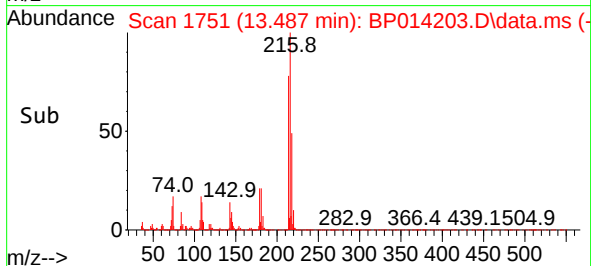
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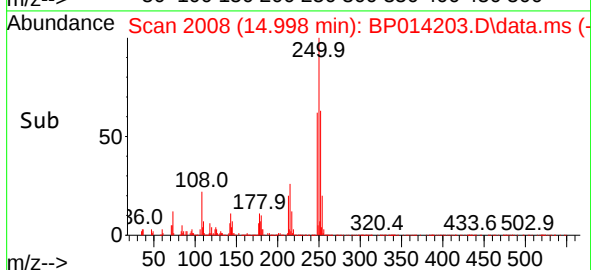
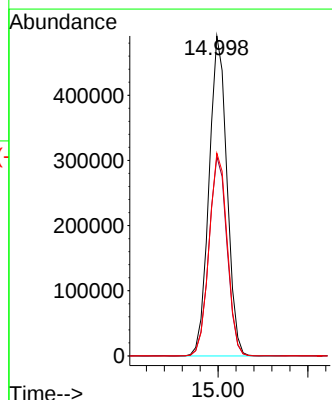
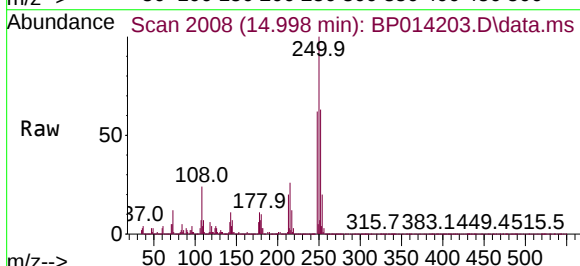
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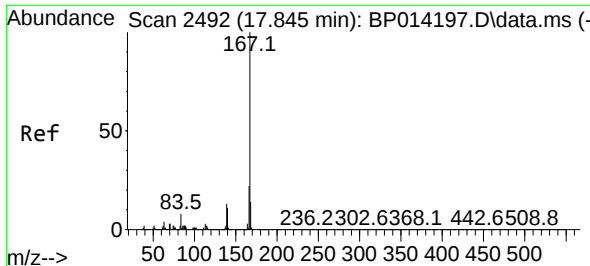
03/24/2023



#76
Pentachlorobenzene
Concen: 32.998 ng/uL
RT: 14.998 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

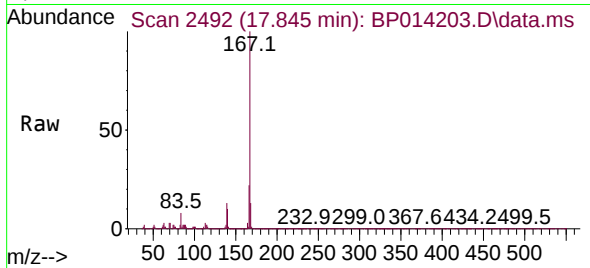
Tgt Ion:250 Resp: 682096
Ion Ratio Lower Upper
250 100
248 62.3 51.0 76.4
252 63.3 50.8 76.2





#77
 Carbazole
 Concen: 34.535 ng/ul
 RT: 17.845 min Scan# 2492
 Delta R.T. 0.000 min
 Lab File: BP014203.D
 Acq: 22 Mar 2023 04:34

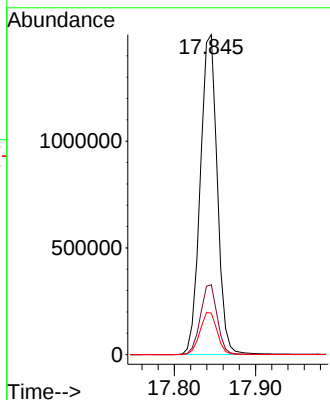
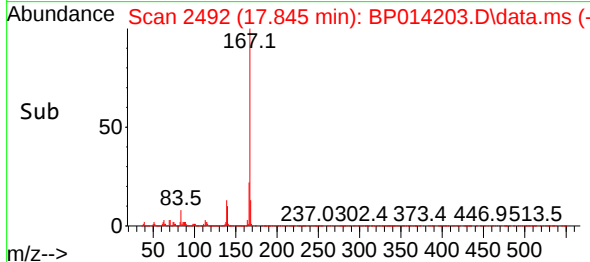
Instrument :
 BNA_P
 ClientSampleId :
 SLCS558



Tgt Ion:167 Resp: 2184395
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.0 10.5 15.7

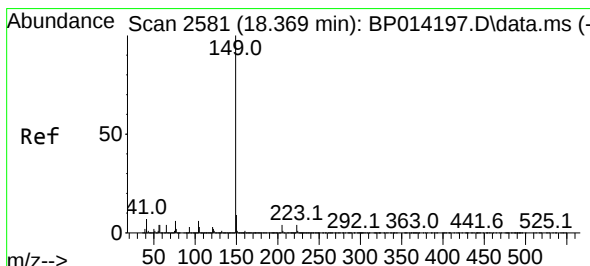
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Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023

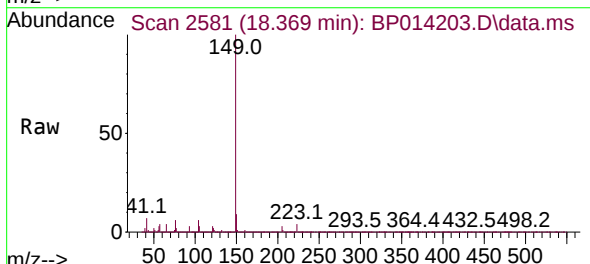


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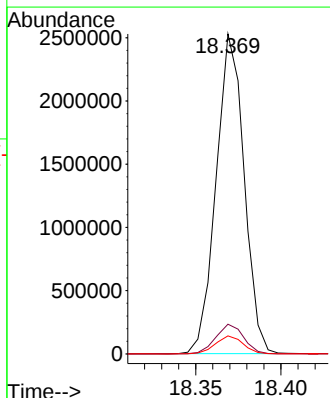
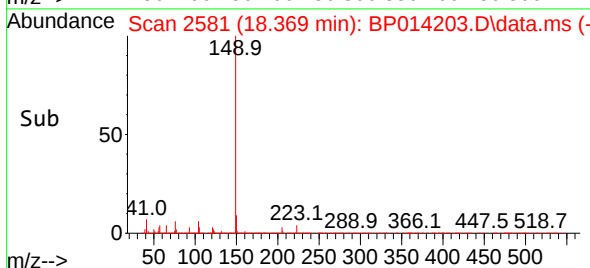
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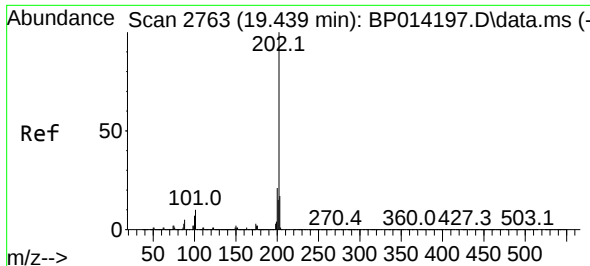


#78
 Di-n-butylphthalate
 Concen: 36.519 ng/ul
 RT: 18.369 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: BP014203.D
 Acq: 22 Mar 2023 04:34



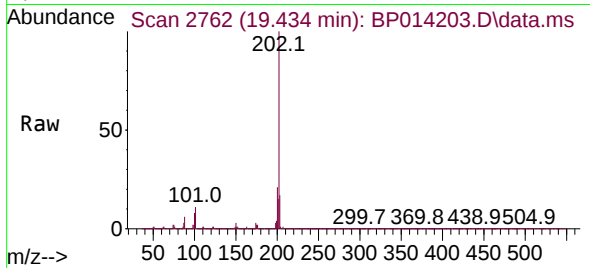
Tgt Ion:149 Resp: 2886784
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.6 4.6 6.8





#80
Fluoranthene
Concen: 40.917 ng/ul
RT: 19.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

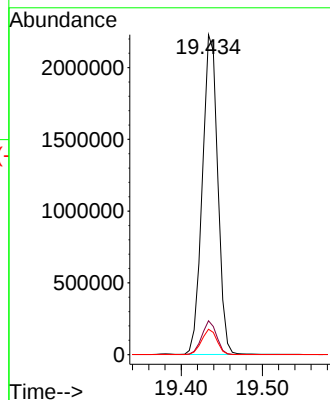
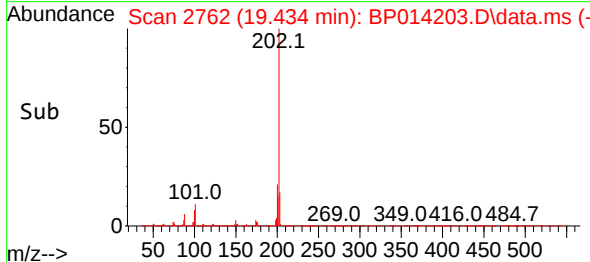
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:202 Resp: 2942232
Ion Ratio Lower Upper
202 100
101 10.6 6.6 10.0
100 8.0 5.0 7.4

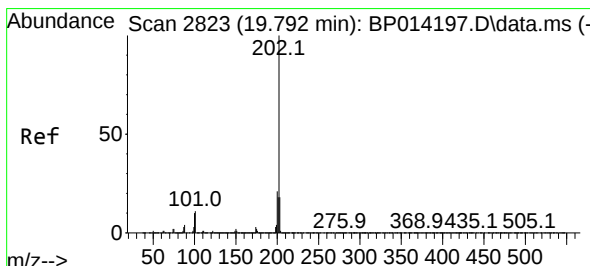
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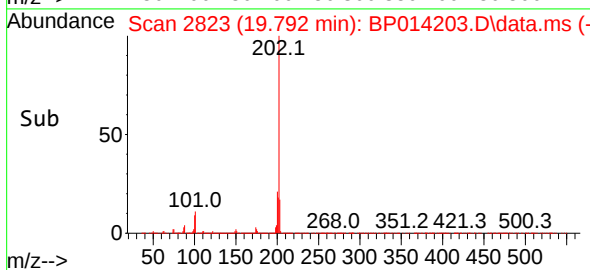
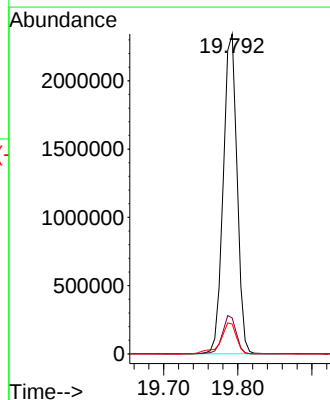
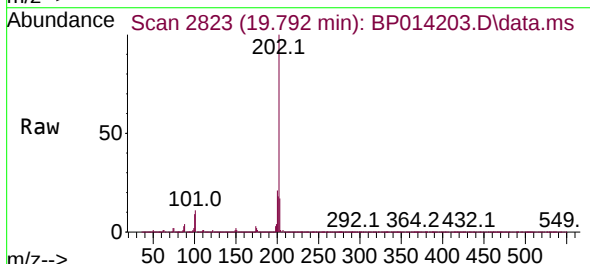
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ahmed

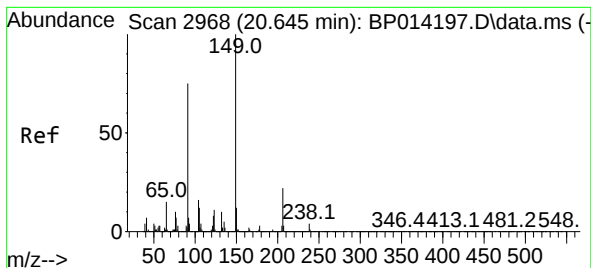
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#82
Pyrene
Concen: 40.400 ng/ul
RT: 19.792 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

Tgt Ion:202 Resp: 3030445
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.8
100 9.3 6.5 9.7





#83

Butylbenzylphthalate

Concen: 44.587 ng/ul

RT: 20.645 min Scan# 2968

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

BNA_P

ClientSampleId :

SLCS558

Tgt Ion:149 Resp: 1348574

Ion Ratio Lower Upper

149 100

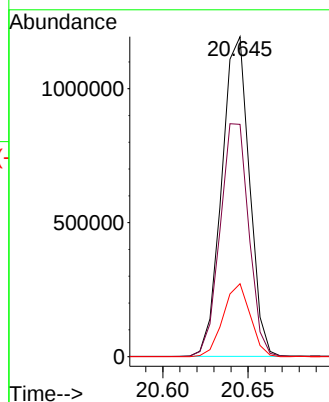
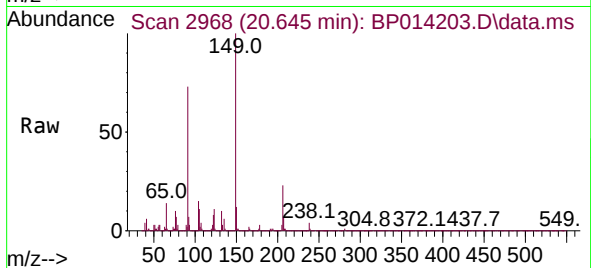
91 72.6 57.9 86.9

206 22.8 17.9 26.9

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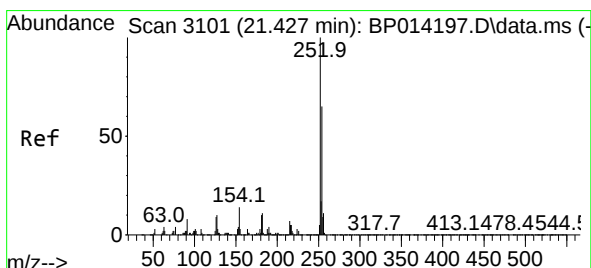
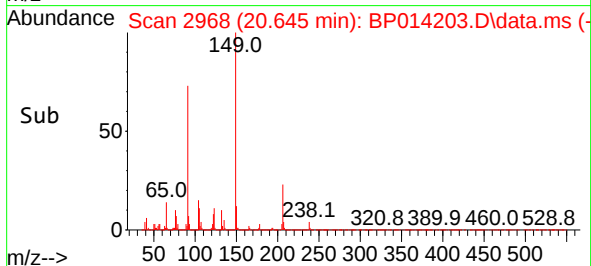
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ahmed

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#84

3,3'-Dichlorobenzidine

Concen: 30.499 ng/ul

RT: 21.428 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

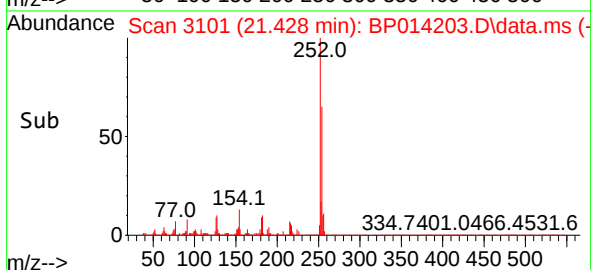
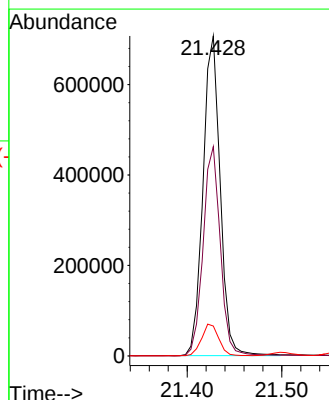
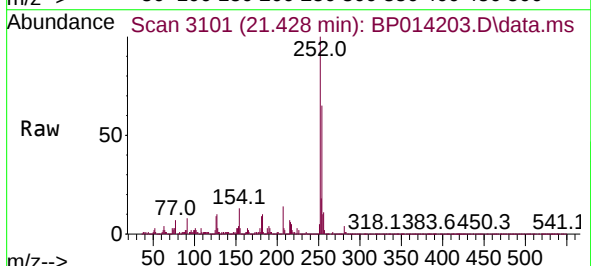
Tgt Ion:252 Resp: 893069

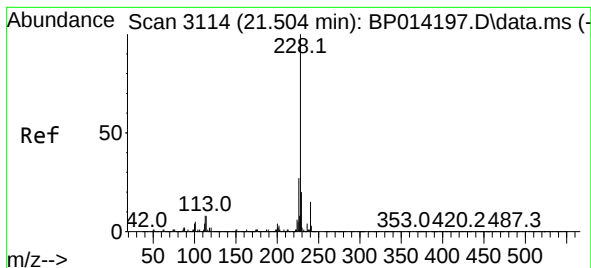
Ion Ratio Lower Upper

252 100

254 65.4 51.3 76.9

126 9.3 6.9 10.3





#85

Benzo(a)anthracene

Concen: 34.748 ng/ul

RT: 21.498 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

BNA_P

ClientSampleId :

SLCS558

Tgt Ion:228 Resp: 2795605

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

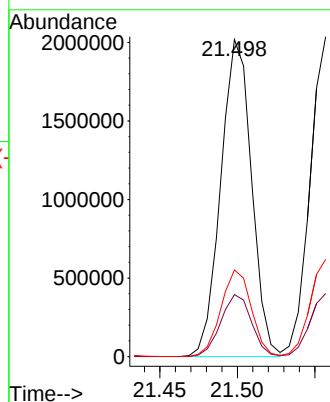
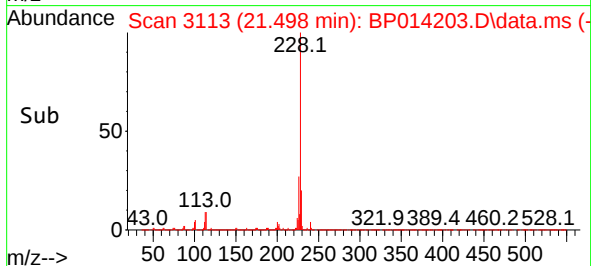
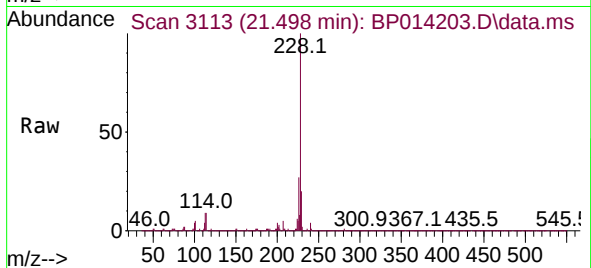
226 27.3 22.1 33.1

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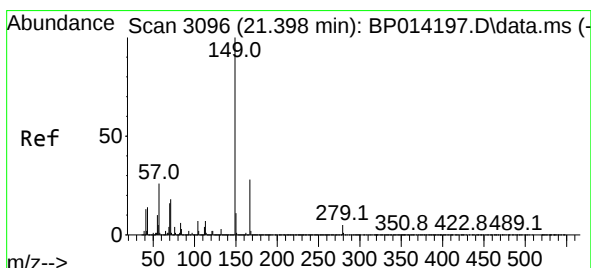
Supervised By :mohammad ahmed 03/24/2023



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Supervised By :mohammad
ahmed

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#86

Bis(2-ethylhexyl)phthalate

Concen: 43.809 ng/ul

RT: 21.392 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

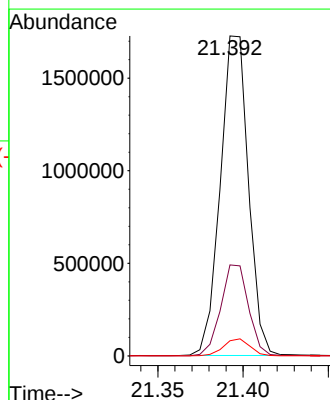
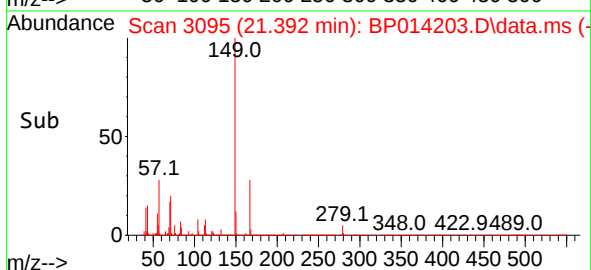
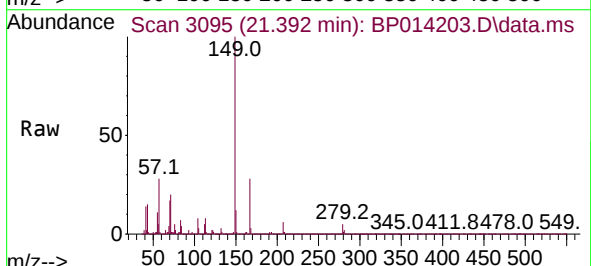
Tgt Ion:149 Resp: 1981008

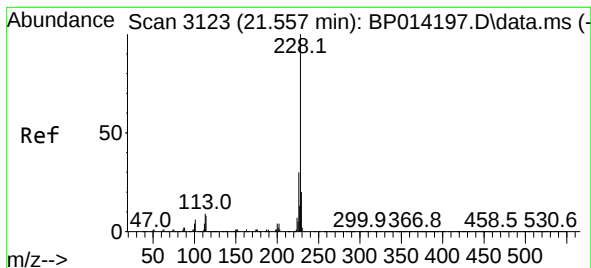
Ion Ratio Lower Upper

149 100

167 28.4 22.3 33.5

279 4.7 4.3 6.5





#87

Chrysene

Concen: 34.117 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

Instrument :

BNA_P

ClientSampleId :

SLCS558

Tgt Ion:228 Resp: 2615866

Ion Ratio Lower Upper

228 100

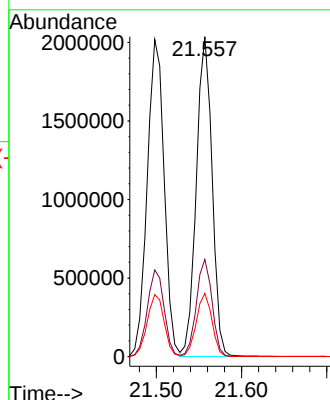
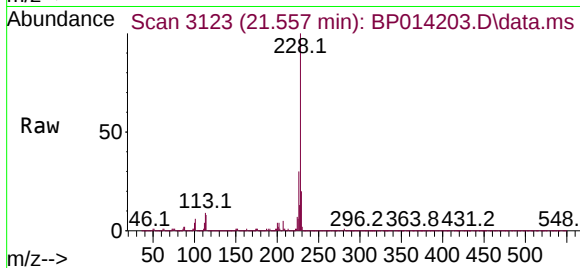
226 30.4 24.2 36.2

229 19.7 15.7 23.5

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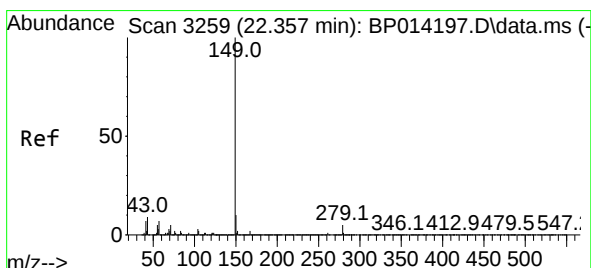
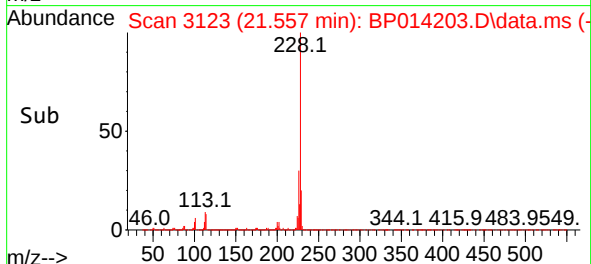
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ahmed

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#89

Di-n-octyl phthalate

Concen: 52.863 ng/ul

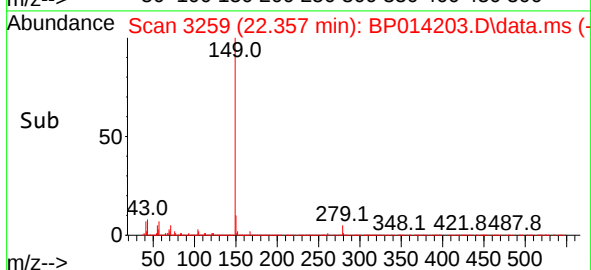
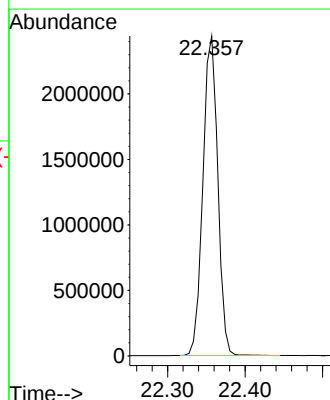
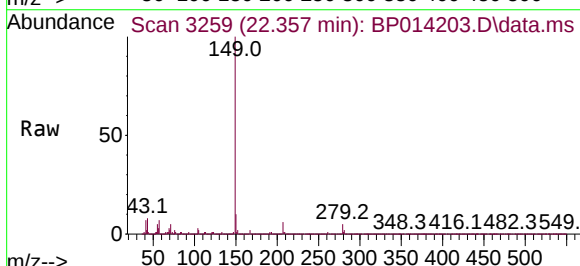
RT: 22.357 min Scan# 3259

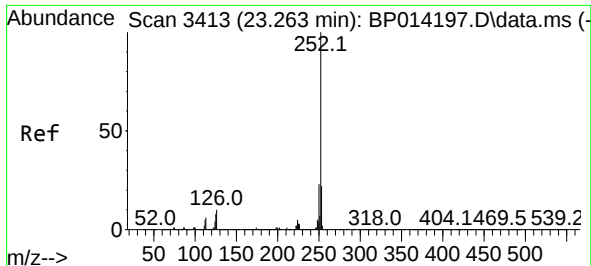
Delta R.T. 0.000 min

Lab File: BP014203.D

Acq: 22 Mar 2023 04:34

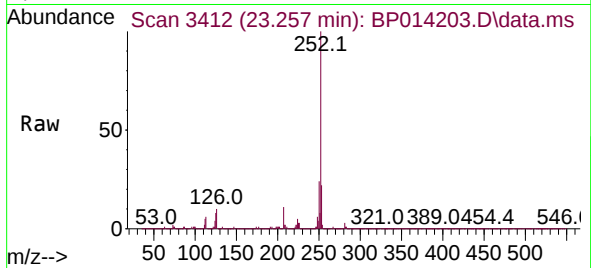
Tgt Ion:149 Resp: 3246035





#90
Benzo(b)fluoranthene
Concen: 36.120 ng/ul m
RT: 23.257 min Scan# 3412
Delta R.T. -0.006 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

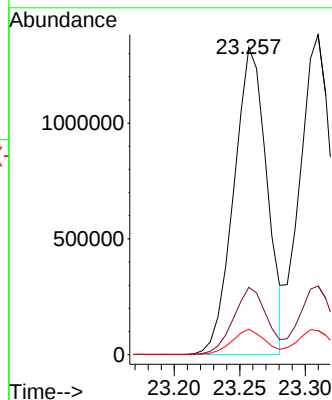
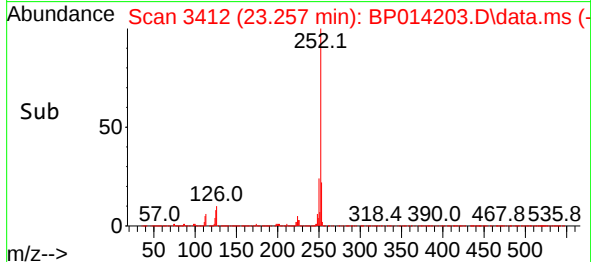
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:252 Resp: 2342192
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.3 5.4 8.2

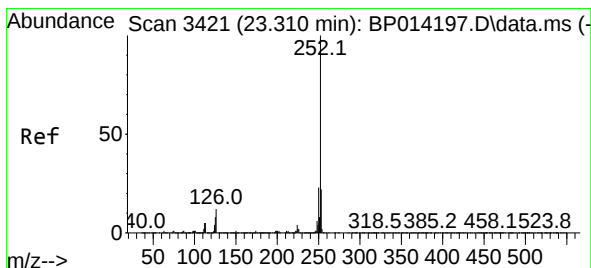
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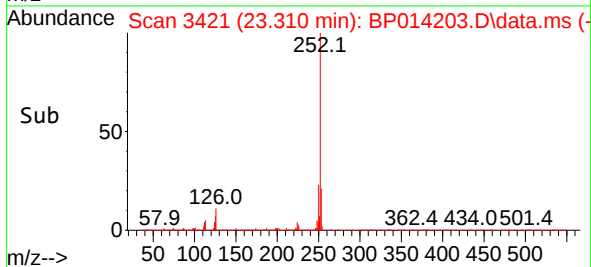
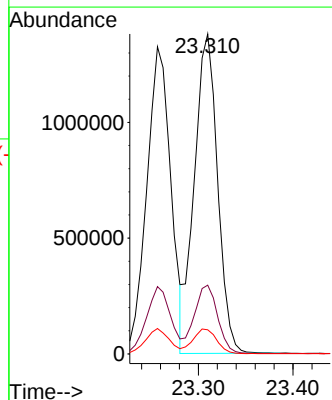
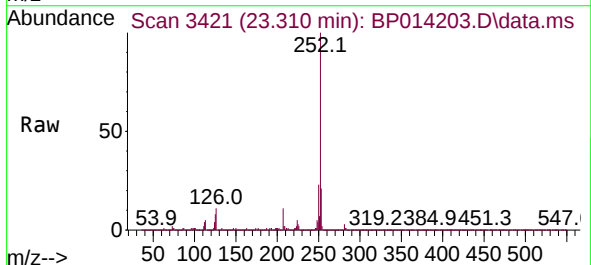
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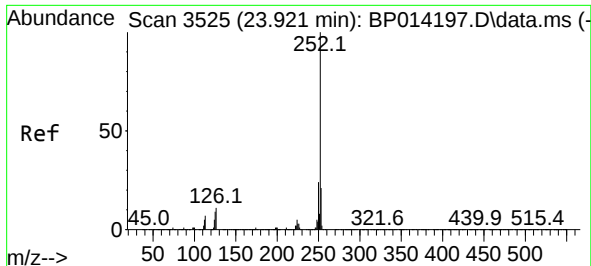
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#91
Benzo(k)fluoranthene
Concen: 37.967 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

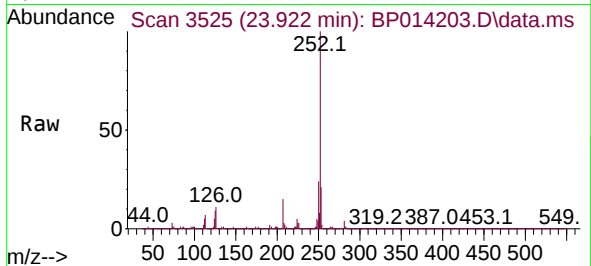
Tgt Ion:252 Resp: 2347667
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 7.5 5.5 8.3





#93
Benzo(a)pyrene
Concen: 35.214 ng/ul
RT: 23.922 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

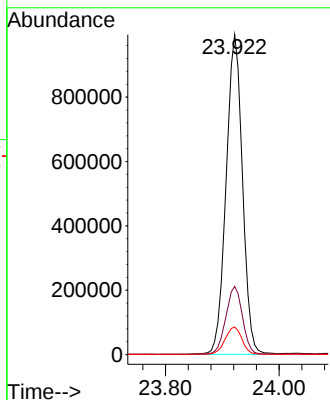
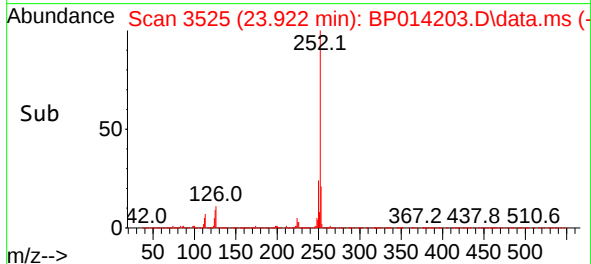
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:252 Resp: 1986176
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 8.6 6.2 9.2

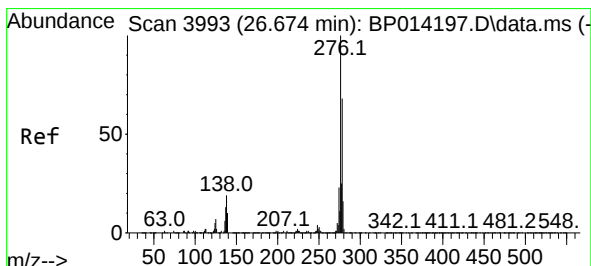
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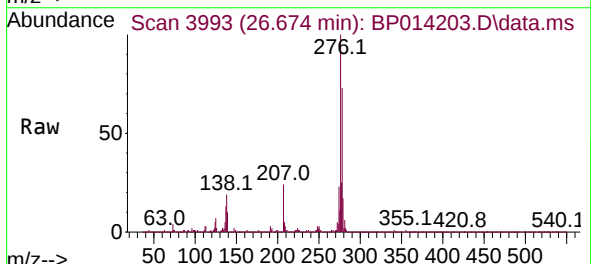


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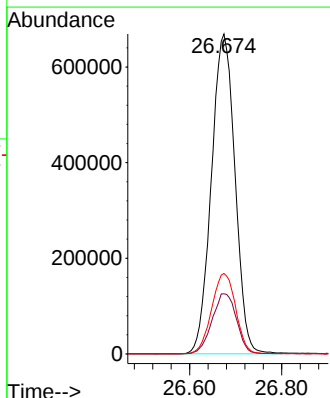
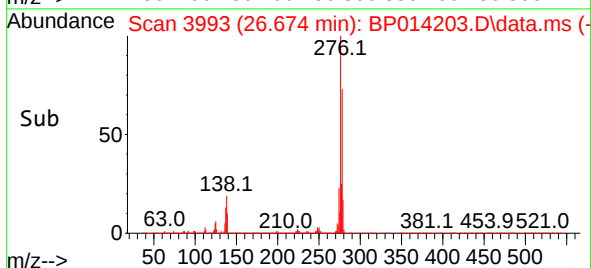
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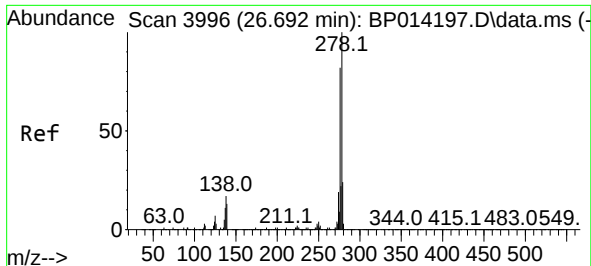


#94
Indeno(1,2,3-cd)pyrene
Concen: 31.919 ng/ul
RT: 26.674 min Scan# 3993
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34



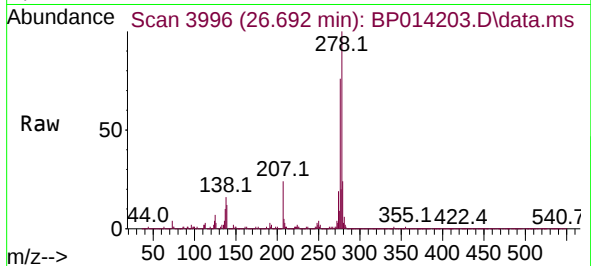
Tgt Ion:276 Resp: 2383223
Ion Ratio Lower Upper
276 100
138 18.8 13.1 19.7
277 25.1 20.2 30.2





#95
Dibenzo(a,h)anthracene
Concen: 31.977 ng/ul
RT: 26.692 min Scan# 3996
Delta R.T. 0.000 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34

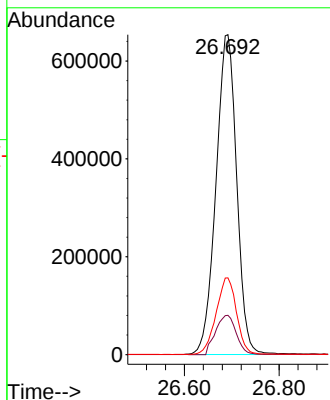
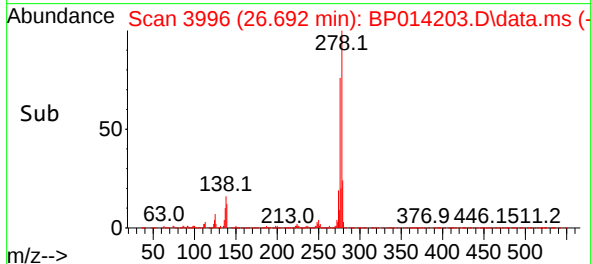
Instrument :
BNA_P
ClientSampleId :
SLCS558



Tgt Ion:278 Resp: 1984409
Ion Ratio Lower Upper
278 100
139 12.3 8.7 13.1
279 24.0 19.0 28.4

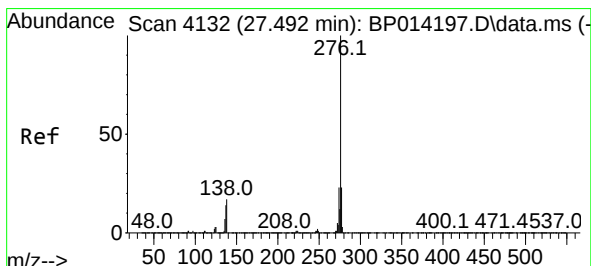
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Supervised By :mohammad ahmed 03/24/2023

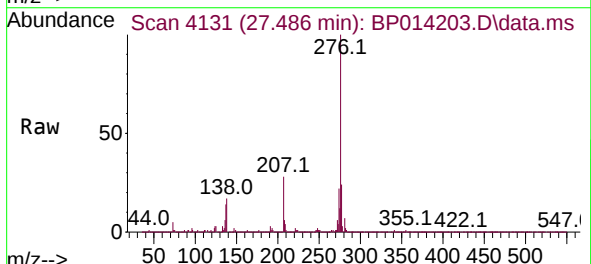


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ahmed

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#96
Benzo(g,h,i)perylene
Concen: 31.983 ng/ul
RT: 27.486 min Scan# 4131
Delta R.T. -0.006 min
Lab File: BP014203.D
Acq: 22 Mar 2023 04:34



Tgt Ion:276 Resp: 1908725
Ion Ratio Lower Upper
276 100
138 16.5 11.9 17.9
277 23.8 18.7 28.1

