

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031986.D
 Acq On : 31 Aug 2021 15:02
 Operator : CG/JU
 Sample : PB138649BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS649

Manual Integrations
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Quant Time: Aug 31 16:30:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.505	152	84719	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	370000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.145	164	280393	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	603620	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	604385	20.000	ng/ul	# 0.00
88) Perylene-d12	23.251	264	494356	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15321	8.344	ng/uL	0.00
4) Pyridine-d5	3.517	84	225705	43.287	ng/ul	0.00
7) Phenol-d5	6.705	99	336525	47.902	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	181470	44.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	267469	49.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	283809	47.087	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	136123	50.652	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	167444	52.648	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	329772	51.680	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	395350	43.922	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	971419	45.786	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	1252868	49.862	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	174887	45.540	ng/ul	0.00
60) Fluorene-d10	15.151	176	869116	46.600	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	180201	43.447	ng/ul	0.00
73) Anthracene-d10	17.004	188	1384506	48.324	ng/ul	0.00
81) Pyrene-d10	19.310	212	1574322	55.612	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	1268793	48.835	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	32971	14.894	ng/uL	91
5) Pyridine	3.534	79	238004	44.400	ng/ul	92
6) Benzaldehyde	6.675	77	197231m	62.016	ng/ul	
8) Phenol	6.728	94	361862	51.188	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.957	93	259618	48.218	ng/ul	91
12) 2-Chlorophenol	7.075	128	288243	53.395	ng/ul	97
13) 2-Methylphenol	7.957	108	272322	49.962	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.028	45	331005	47.306	ng/ul#	91
16) Acetophenone	8.328	105	461491	48.887	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.322	70	232291	50.439	ng/ul	94
18) 4-Methylphenol	8.287	108	303968	50.220	ng/ul	95
19) Hexachloroethane	8.552	117	117345	50.744	ng/ul	90
22) Nitrobenzene	8.699	77	349537	51.519	ng/ul	99
23) Isophorone	9.228	82	641634	51.384	ng/ul#	96
25) 2-Nitrophenol	9.399	139	182799	55.174	ng/ul#	94
26) 2,4-Dimethylphenol	9.469	107	352644	52.289	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.704	93	380874	51.455	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	334055	55.038	ng/ul	98
30) Naphthalene	10.310	128	945884	51.066	ng/ul	100
32) 4-Chloroaniline	10.440	127	418814	46.644	ng/ul	99
33) Hexachlorobutadiene	10.587	225	210767	52.344	ng/ul	98
34) Caprolactam	11.257	113	98469m	48.671	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	345043	54.209	ng/ul	99
36) 2-Methylnaphthalene	11.934	142	750625	51.397	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	726042	48.808	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	429171	53.321	ng/ul	99
40) Hexachlorocyclopentadiene	12.281	237	197158	45.510	ng/ul	99
41) 2,4,6-Trichlorophenol	12.563	196	297234	55.125	ng/ul	98
42) 2,4,5-Trichlorophenol	12.639	196	318728	54.432	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	1022137	51.825	ng/ul	97
44) 2-Chloronaphthalene	13.010	162	810920	51.897	ng/ul	99
45) 2-Nitroaniline	13.239	65	234004	54.357	ng/ul	97
47) Dimethylphthalate	13.622	163	1034024	49.634	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	224717	54.676	ng/ul	95
50) Acenaphthylene	13.869	152	1191197	51.522	ng/ul	98
51) 3-Nitroaniline	14.081	138	211831	55.076	ng/ul	96
52) Acenaphthene	14.210	153	858983	51.156	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	131605	45.798	ng/ul	93
55) 4-Nitrophenol	14.410	109	175192	49.414	ng/ul	87
56) Dibenzofuran	14.551	168	1251254	50.529	ng/ul	98
57) 2,4-Dinitrotoluene	14.545	165	327825	53.182	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.786	232	277123	52.719	ng/ul#	98
59) Diethylphthalate	15.004	149	1071518	50.324	ng/ul	98
61) Fluorene	15.210	166	1065765	50.864	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	541996	50.507	ng/ul	100
63) 4-Nitroaniline	15.257	138	211852	61.491	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.316	198	186150	46.158	ng/ul#	97
67) N-Nitrosodiphenylamine	15.428	169	915066	52.789	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	330671	53.458	ng/ul	98
69) Hexachlorobenzene	16.204	284	380555	52.988	ng/ul	99
70) Atrazine	16.398	200	351959	53.888	ng/ul	98
71) Pentachlorophenol	16.563	266	235932	50.236	ng/ul	98
72) Phenanthrene	16.951	178	1678940	50.926	ng/ul	100
74) Anthracene	17.039	178	1727835	51.210	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.928	216	430720	54.834	ng/ul	99
76) Pentachlorobenzene	14.469	250	429427	52.111	ng/ul	98
77) Carbazole	17.322	167	1524340	49.363	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1931554	54.586	ng/ul	99
80) Fluoranthene	18.974	202	2020216	58.729	ng/ul#	94
82) Pyrene	19.339	202	2092847	57.465	ng/ul	95
83) Butylbenzylphthalate	20.263	149	893961	62.513	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.045	252	619807	45.553	ng/ul	97
85) Benzo(a)anthracene	21.098	228	1956880	52.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	1442938	62.565	ng/ul#	97
87) Chrysene	21.151	228	1868562	51.674	ng/ul	99
89) Di-n-octyl phthalate	21.904	149	2381243	70.605	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	1747453	55.481	ng/ul	98
91) Benzo(k)fluoranthene	22.662	252	1771461	58.096	ng/ul	98
93) Benzo(a)pyrene	23.162	252	1490418	52.402	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.368	276	1691407	46.465	ng/ul	95
95) Dibenzo(a,h)anthracene	25.374	278	1440079	47.039	ng/ul	96
96) Benzo(g,h,i)perylene	26.003	276	1353542	44.904	ng/ul	96

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

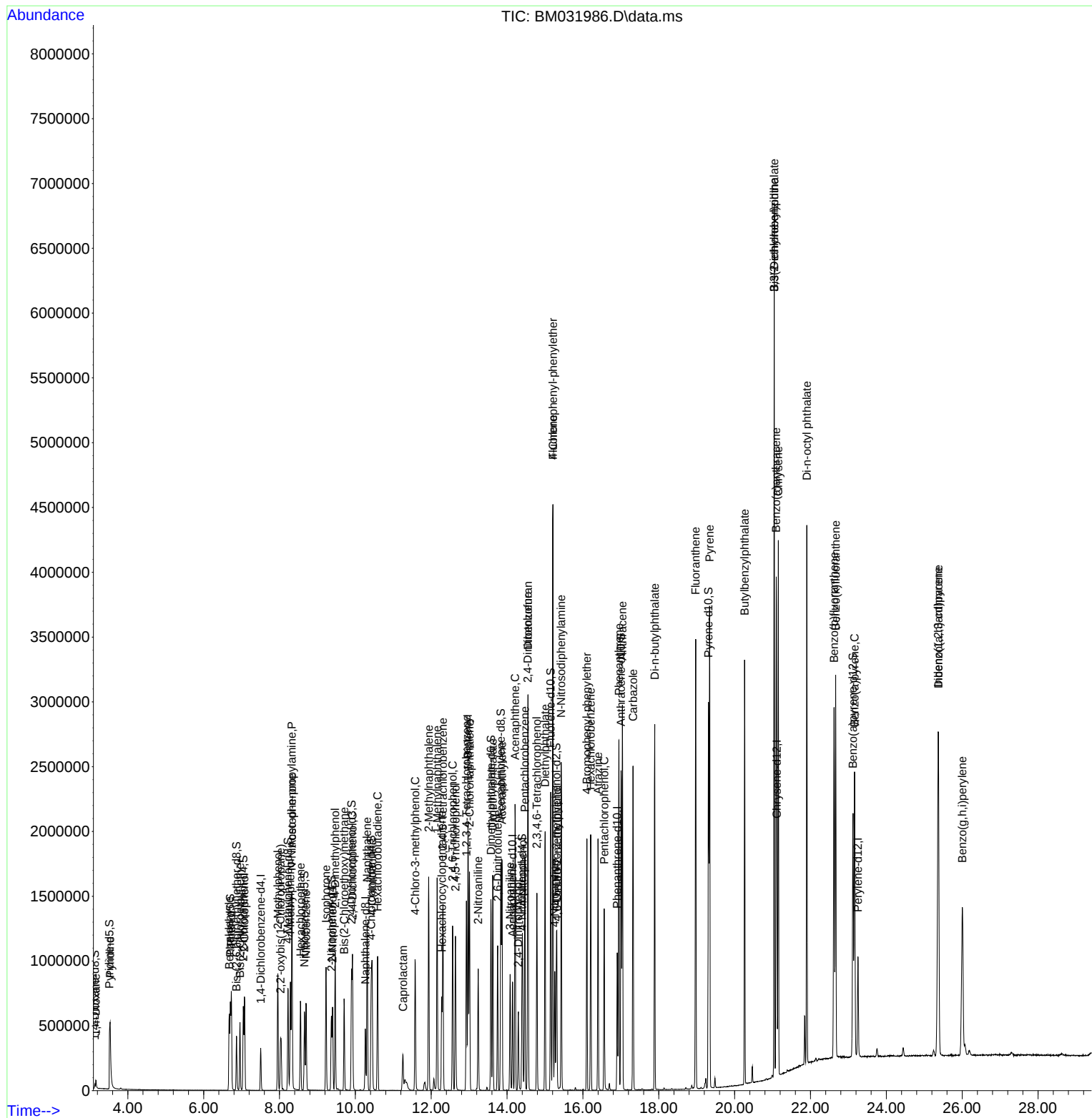
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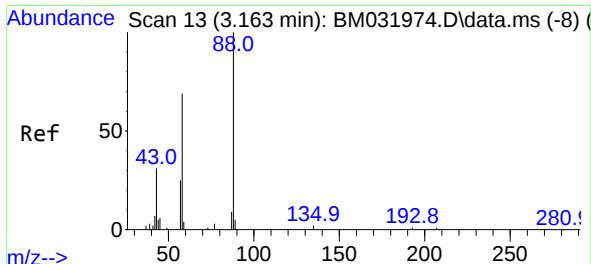
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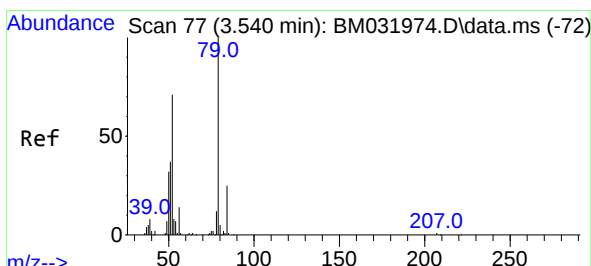
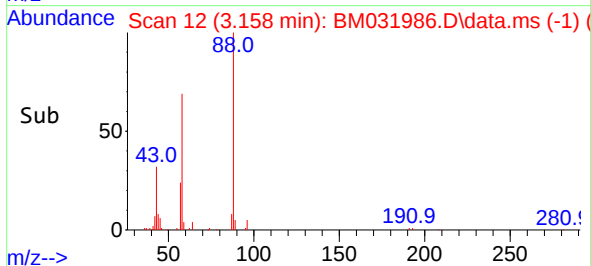
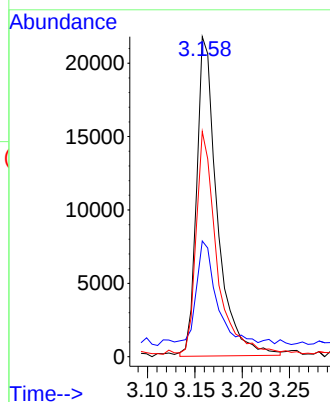
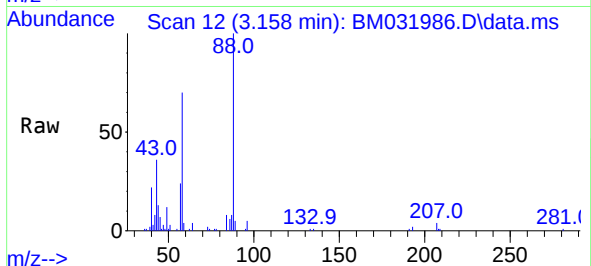
#2
1,4-Dioxane
Concen: 14.894 ng/uL
RT: 3.158 min Scan# 12
Delta R.T. -0.005 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion: 88 Resp: 32971
Ion Ratio Lower Upper
88 100
43 36.2 31.5 47.3
58 70.4 64.1 96.1

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ClientSampled :
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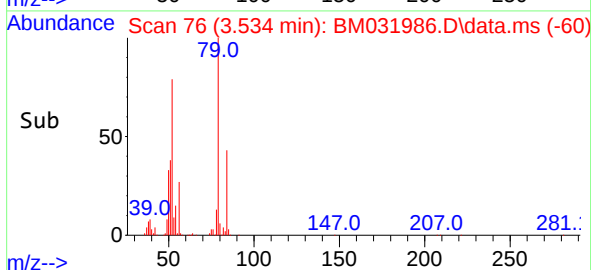
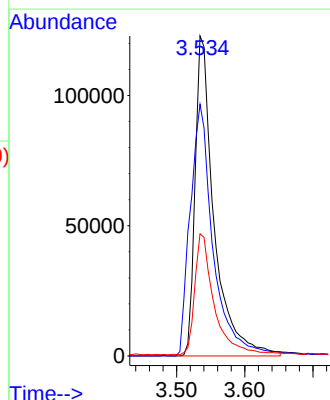
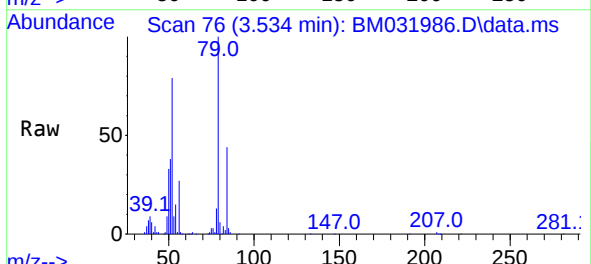
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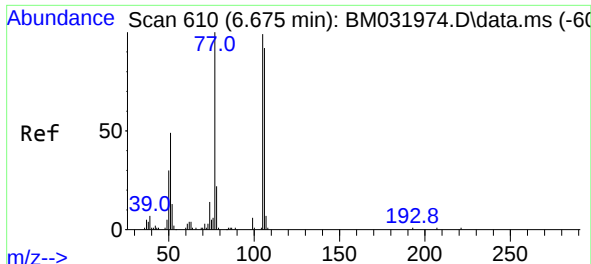
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#5
Pyridine
Concen: 44.400 ng/uL
RT: 3.534 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion: 79 Resp: 238004
Ion Ratio Lower Upper
79 100
52 78.6 69.9 104.9
51 38.2 33.8 50.6





#6
Benzaldehyde
Concen: 62.016 ng/ul m
RT: 6.675 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

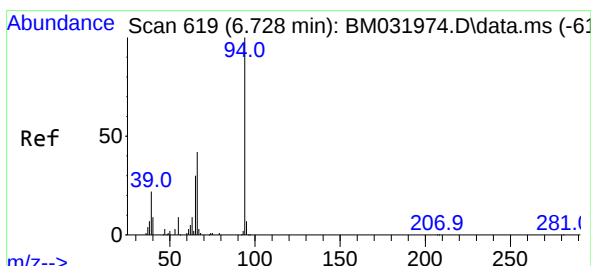
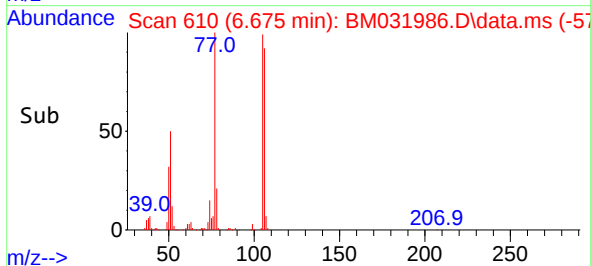
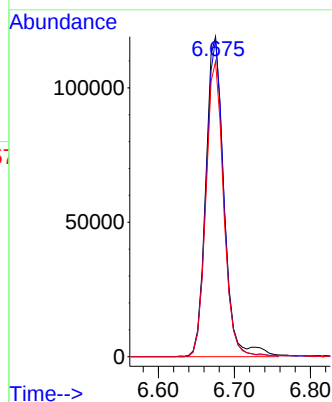
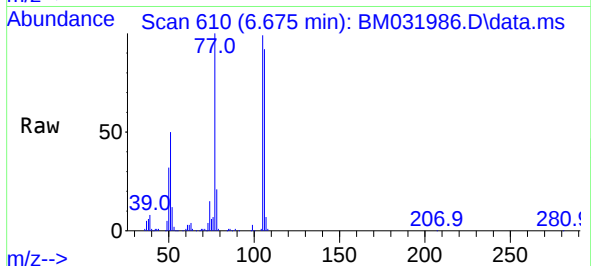
Tgt Ion: 77 Resp: 197231

Ion	Ratio	Lower	Upper
77	100		
105	99.2	82.2	123.4
106	92.2	75.0	112.4

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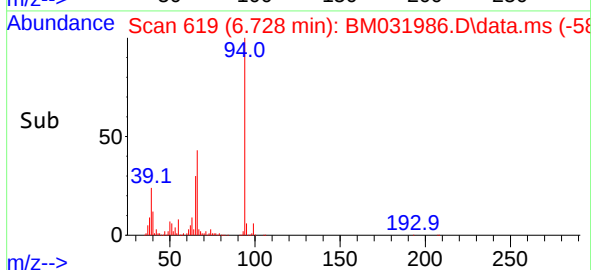
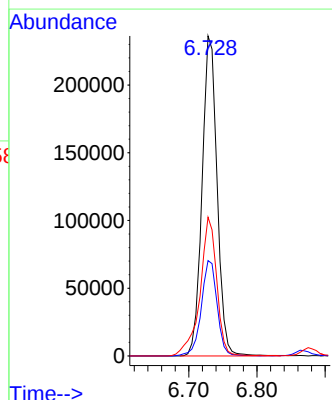
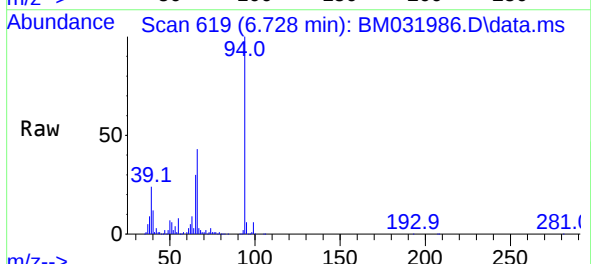
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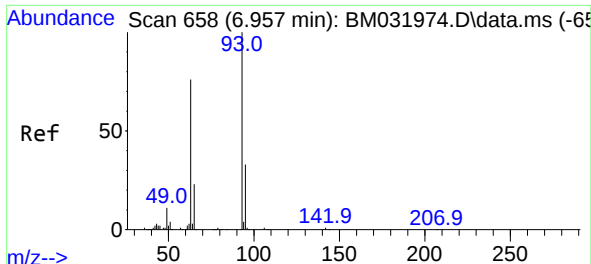


#8
Phenol
Concen: 51.188 ng/ul
RT: 6.728 min Scan# 619
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion: 94 Resp: 361862

Ion	Ratio	Lower	Upper
94	100		
65	29.8	24.2	36.4
66	43.3	31.4	47.0





#10
Bis(2-Chloroethyl)ether
Concen: 48.218 ng/ul
RT: 6.957 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

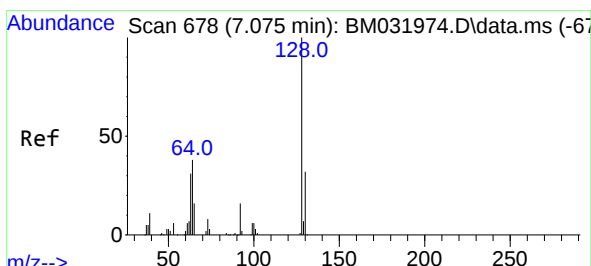
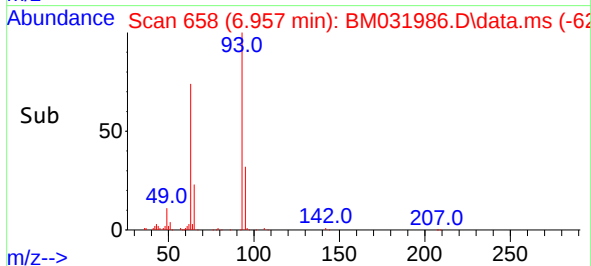
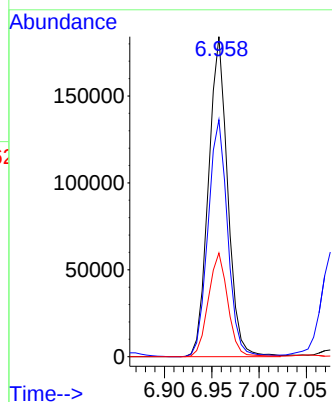
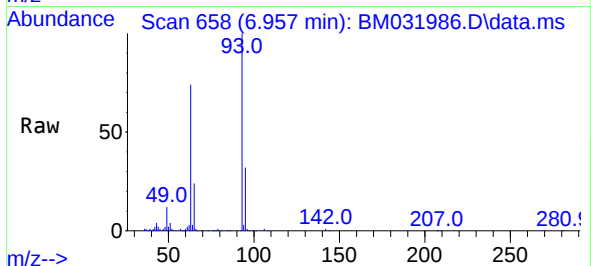
Tgt Ion: 93 Resp: 259618

Ion	Ratio	Lower	Upper
93	100		
63	74.1	68.0	102.0
95	32.4	25.8	38.6

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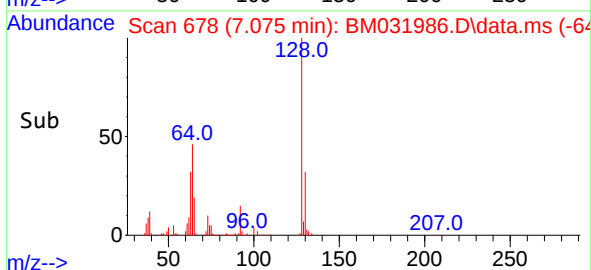
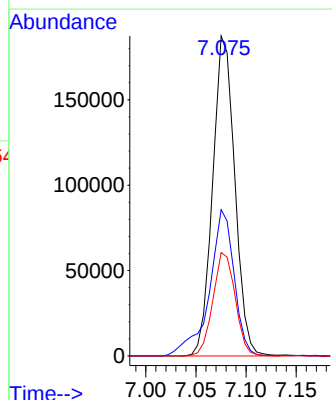
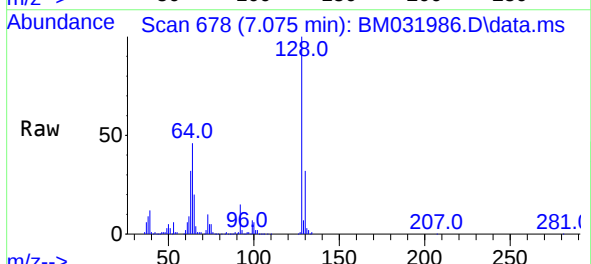
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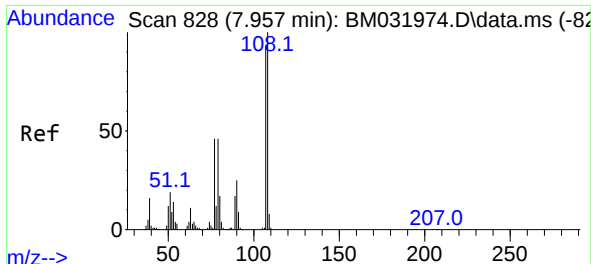


#12
2-Chlorophenol
Concen: 53.395 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:128 Resp: 288243

Ion	Ratio	Lower	Upper
128	100		
64	45.7	39.2	58.8
130	32.3	25.3	37.9





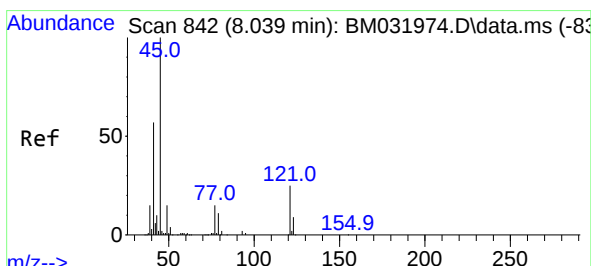
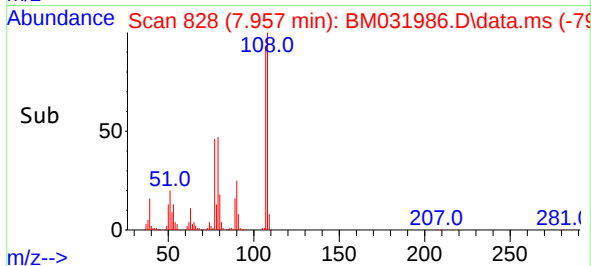
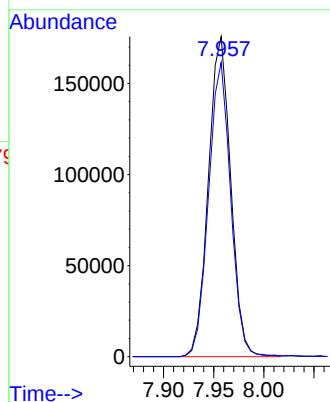
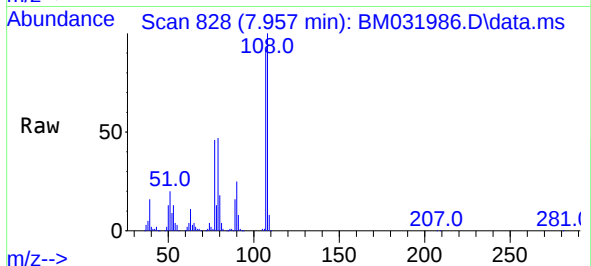
#13
2-Methylphenol
Concen: 49.962 ng/ul
RT: 7.957 min Scan# 828
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:108 Resp: 272322
Ion Ratio Lower Upper
108 100
107 91.9 70.6 105.8

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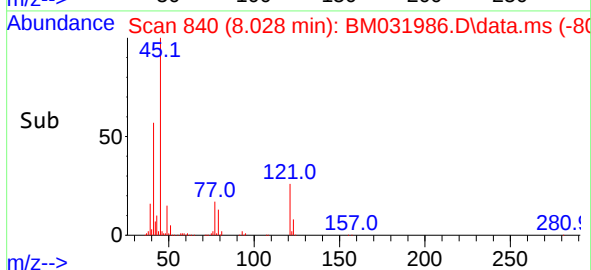
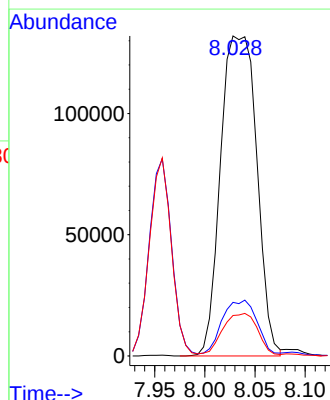
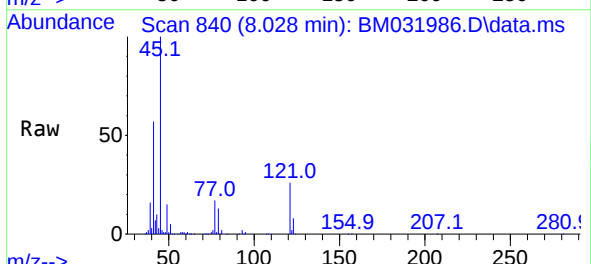
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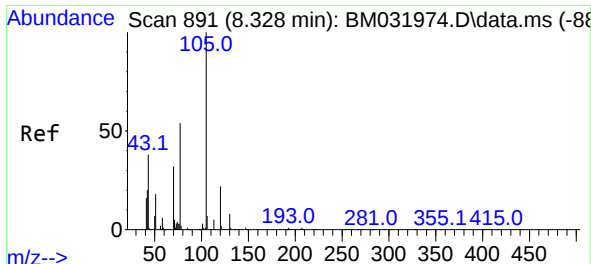
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 47.306 ng/ul
RT: 8.028 min Scan# 840
Delta R.T. -0.012 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

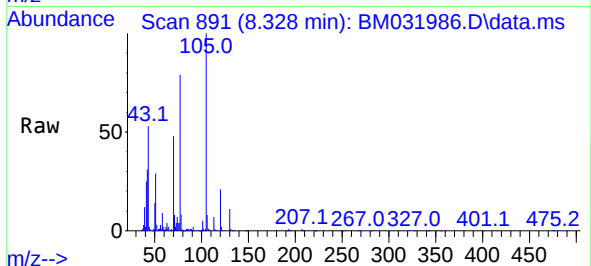
Tgt Ion: 45 Resp: 331005
Ion Ratio Lower Upper
45 100
77 16.8 10.2 15.4#
79 12.7 7.8 11.8#





#16
Acetophenone
Concen: 48.887 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

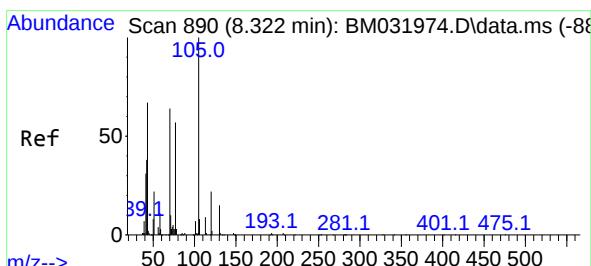
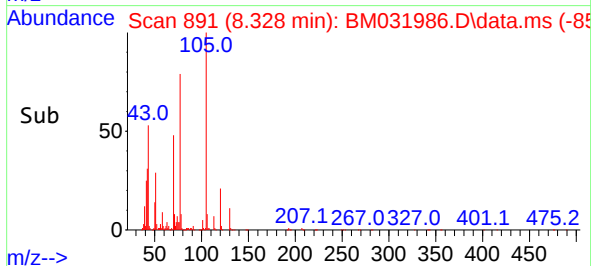
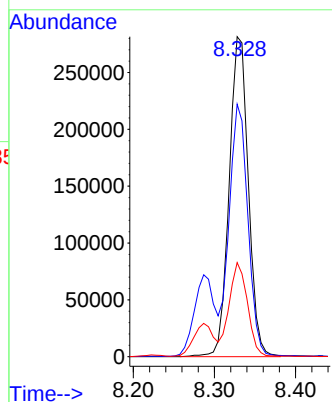
Instrument :
BNA_M
ClientSampled :
SLCS649



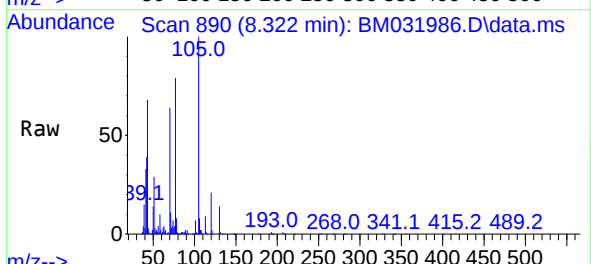
Tgt Ion: 105 Resp: 461491
Ion Ratio Lower Upper
105 100
77 78.9 63.7 95.5
51 29.4 25.4 38.0

Manual Integrations
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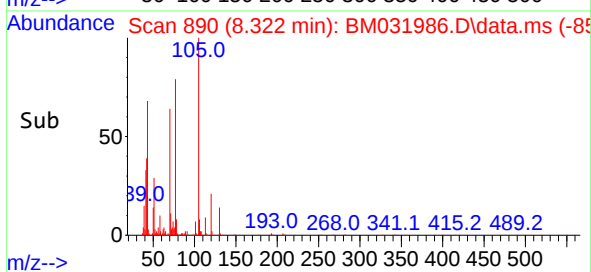
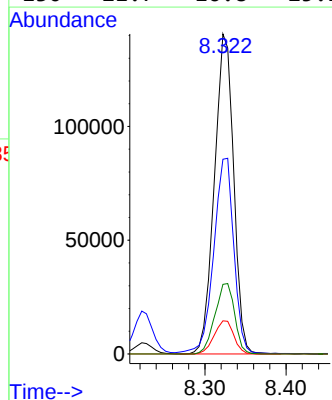
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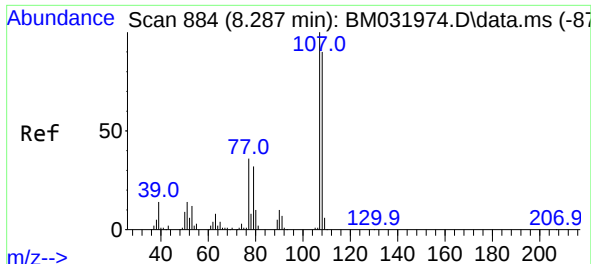


#17
N-Nitroso-di-n-propylamine
Concen: 50.439 ng/ul
RT: 8.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



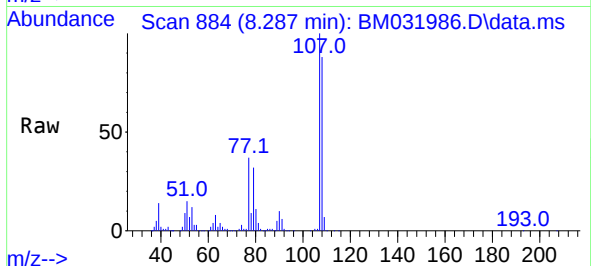
Tgt Ion: 70 Resp: 232291
Ion Ratio Lower Upper
70 100
42 60.8 53.4 80.0
101 10.3 7.4 11.0
130 21.7 16.8 25.2





#18
4-Methylphenol
Concen: 50.220 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

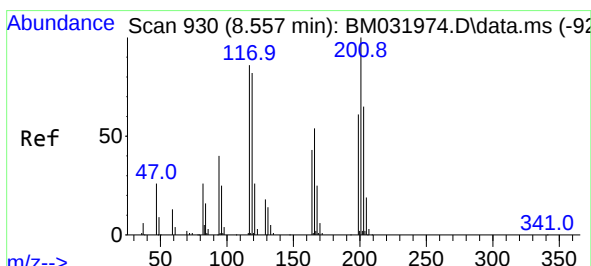
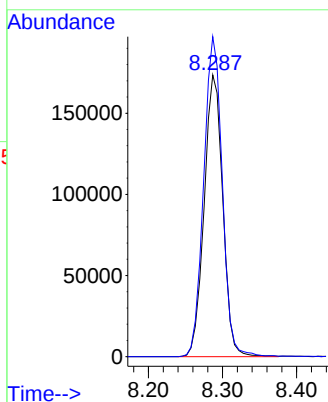
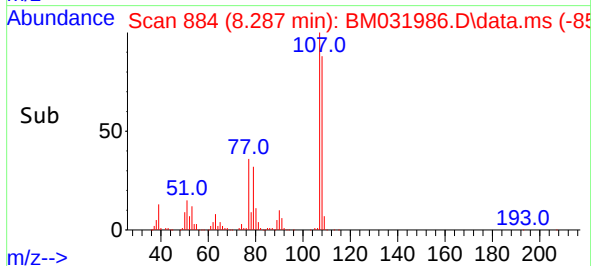
Instrument :
BNA_M
ClientSampled :
SLCS649



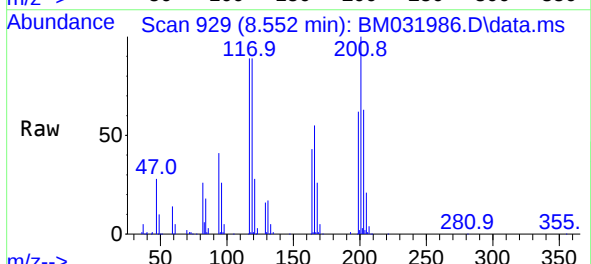
Tgt Ion:108 Resp: 303968
Ion Ratio Lower Upper
108 100
107 113.6 87.0 130.6

Manual Integrations
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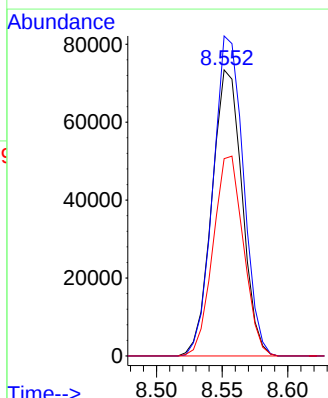
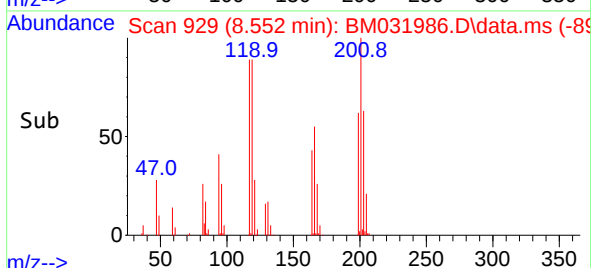
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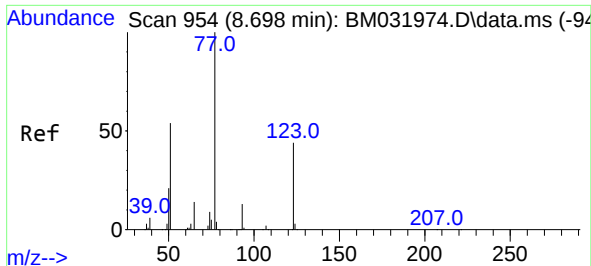


#19
Hexachloroethane
Concen: 50.744 ng/ul
RT: 8.552 min Scan# 929
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

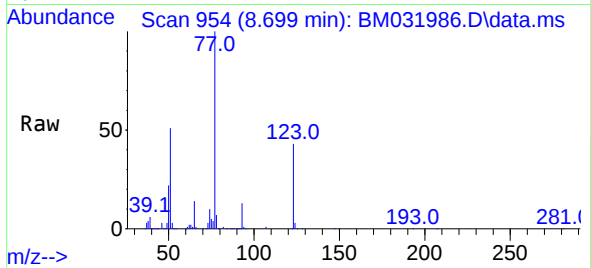


Tgt Ion:117 Resp: 117345
Ion Ratio Lower Upper
117 100
201 111.9 80.1 120.1
199 69.0 50.8 76.2

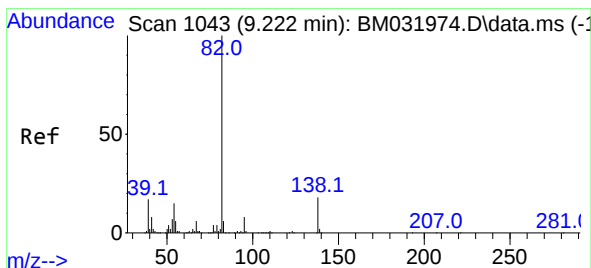
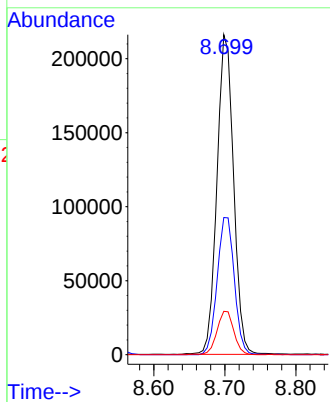
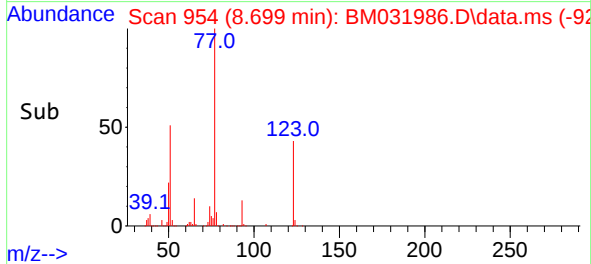




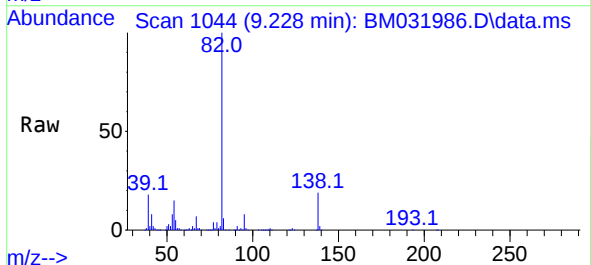
#22
Nitrobenzene
Concen: 51.519 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



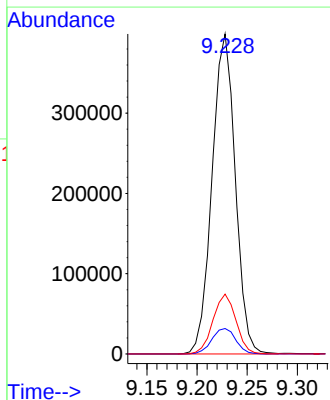
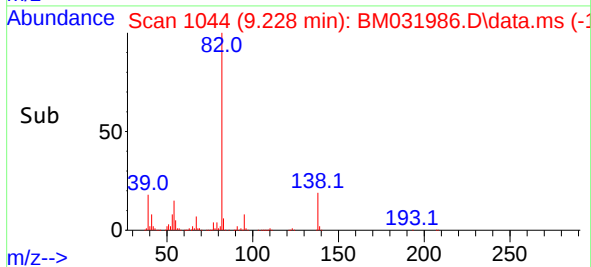
Tgt Ion: 77 Resp: 349537
Ion Ratio Lower Upper
77 100
123 42.8 34.8 52.2
65 13.6 10.4 15.6



#23
Isophorone
Concen: 51.384 ng/ul
RT: 9.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



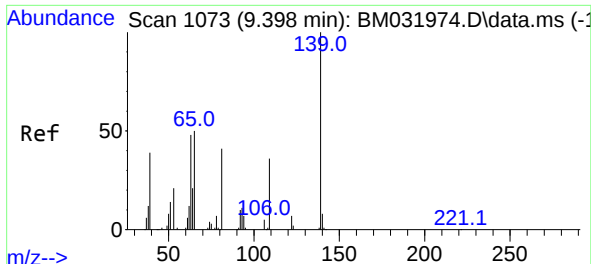
Tgt Ion: 82 Resp: 641634
Ion Ratio Lower Upper
82 100
95 8.0 5.3 7.9#
138 18.7 13.6 20.4



Instrument :
BNA_M
ClientSampleId :
SLCS649

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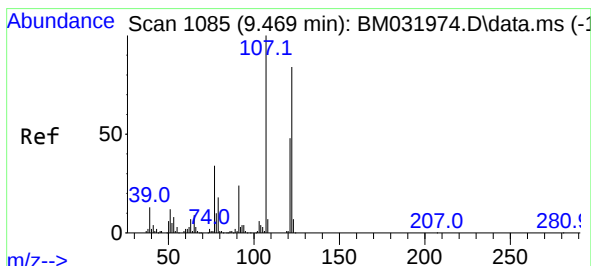
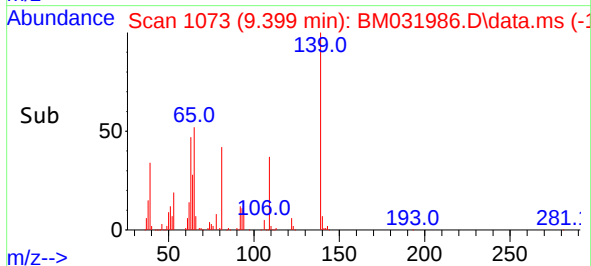
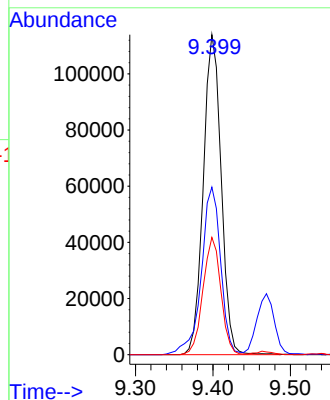
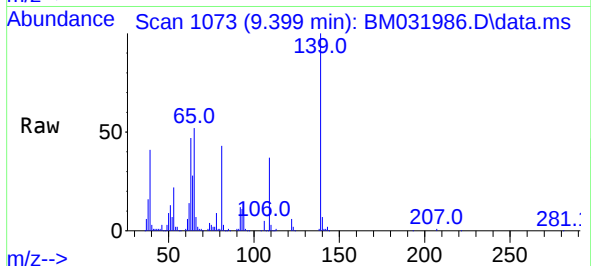
#25
2-Nitrophenol
Concen: 55.174 ng/ul
RT: 9.399 min Scan# 1073
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:139 Resp: 182799
Ion Ratio Lower Upper
139 100
65 52.3 43.7 65.5
109 36.7 24.0 36.0#

Instrument :
BNA_M
ClientSampleId :
SLCS649

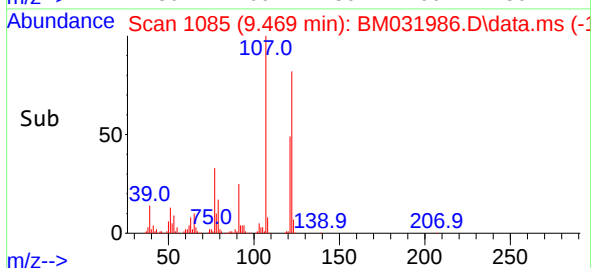
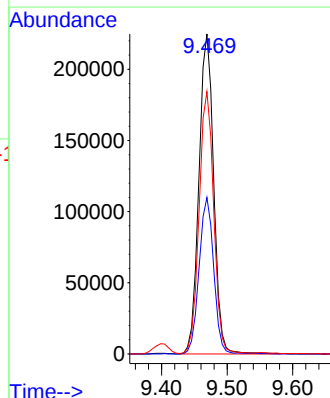
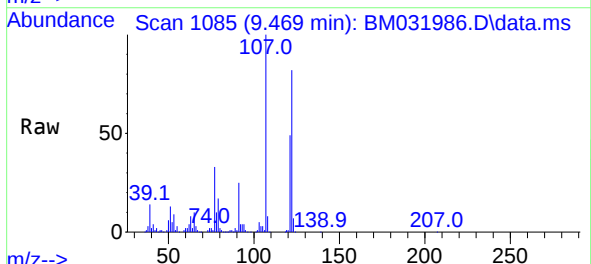
Manual Integrations
APPROVED

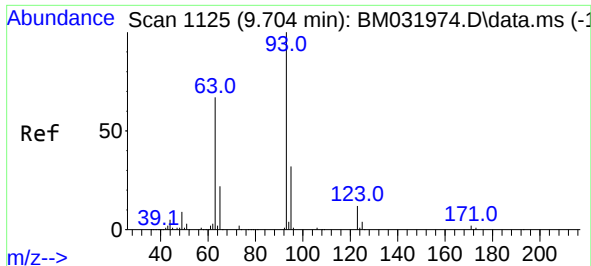
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#26
2,4-Dimethylphenol
Concen: 52.289 ng/ul
RT: 9.469 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:107 Resp: 352644
Ion Ratio Lower Upper
107 100
121 48.9 41.0 61.6
122 82.0 68.2 102.2





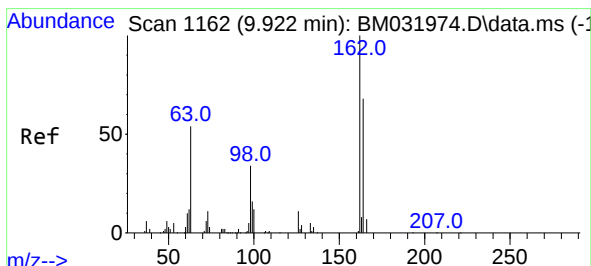
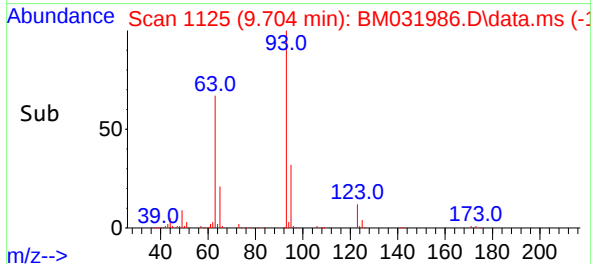
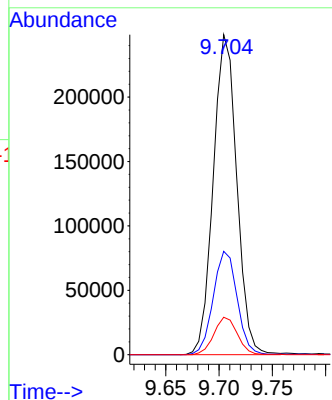
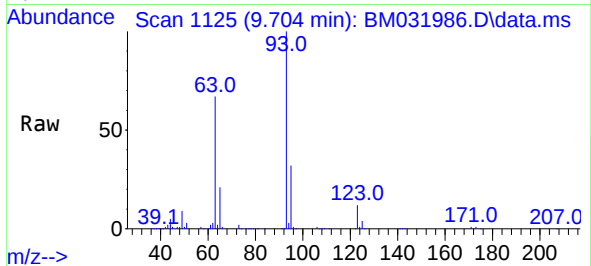
#27
Bis(2-Chloroethoxy)methane
Concen: 51.455 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:	93	Resp:	380874
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.9	38.9
123	11.7	8.5	12.7

Instrument :
BNA_M
ClientSampled :
SLCS649

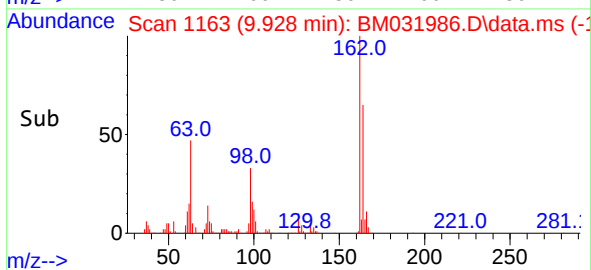
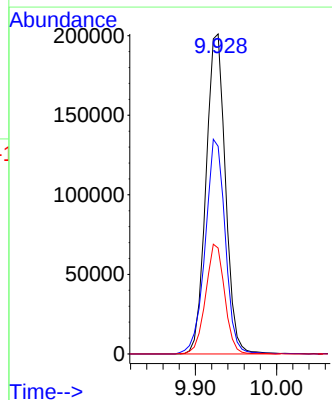
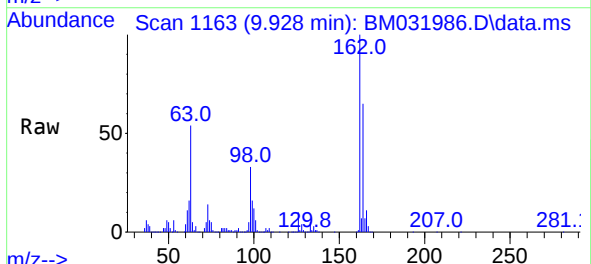
Manual Integrations
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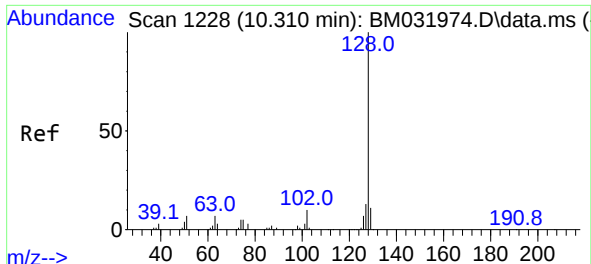
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#29
2,4-Dichlorophenol
Concen: 55.038 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

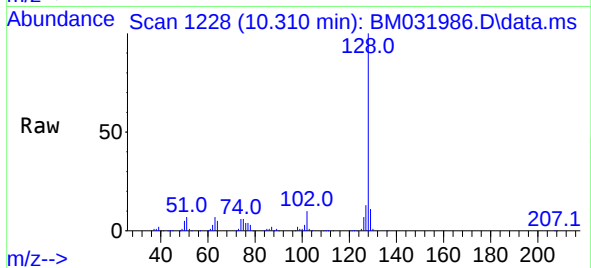
Tgt Ion:	162	Resp:	334055
Ion	Ratio	Lower	Upper
162	100		
164	64.9	51.6	77.4
98	33.1	28.2	42.4





#30
Naphthalene
Concen: 51.066 ng/ul
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

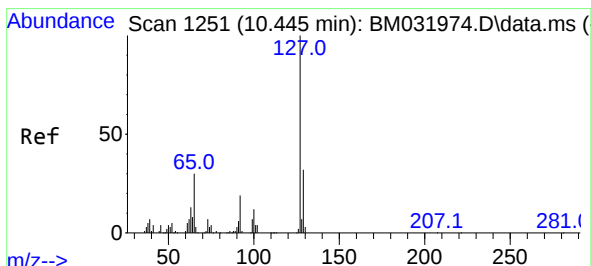
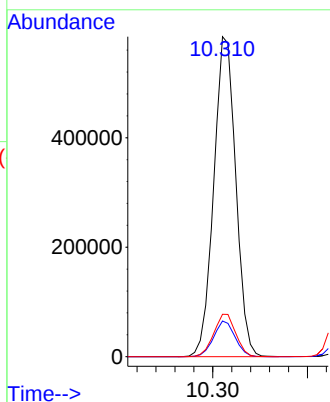
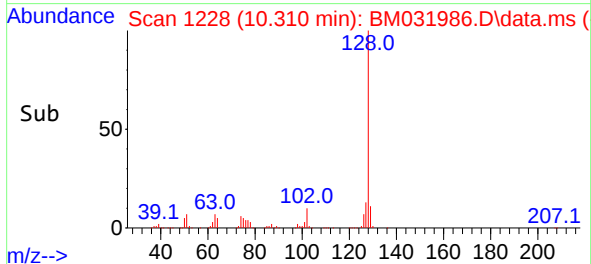
Instrument :
BNA_M
ClientSampled :
SLCS649



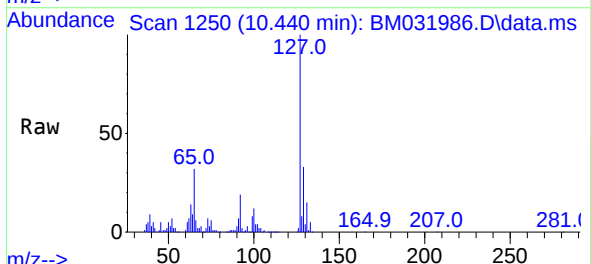
Tgt Ion:128 Resp: 945884
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 15.8

Manual Integrations
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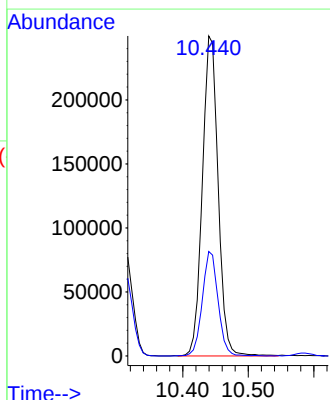
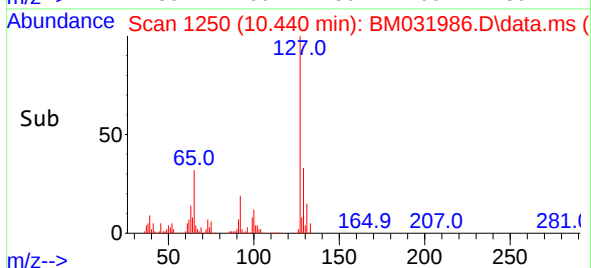
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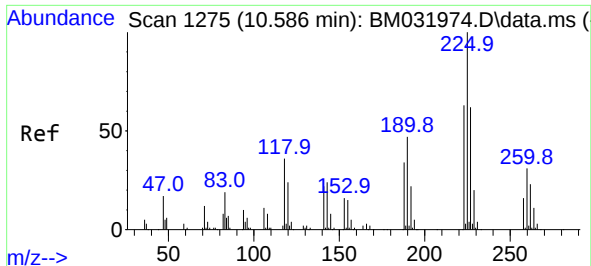


#32
4-Chloroaniline
Concen: 46.644 ng/ul
RT: 10.440 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

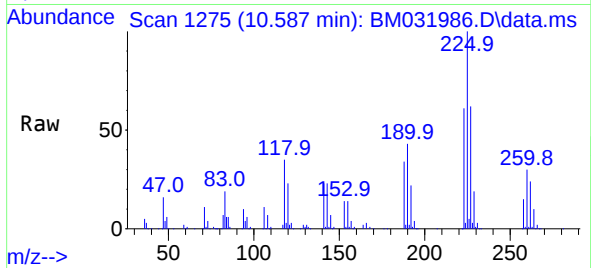


Tgt Ion:127 Resp: 418814
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4

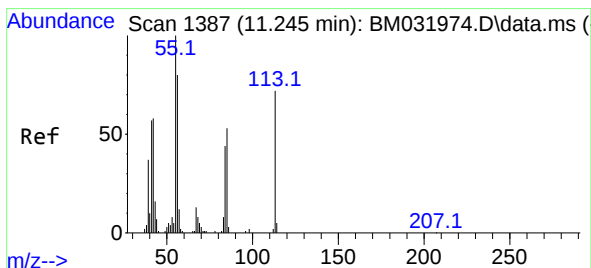
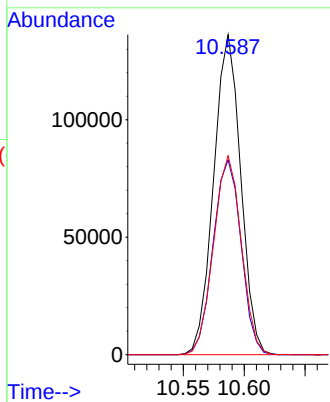
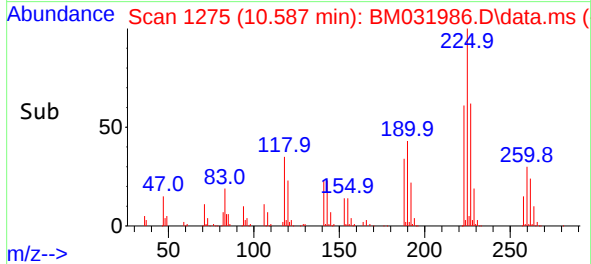




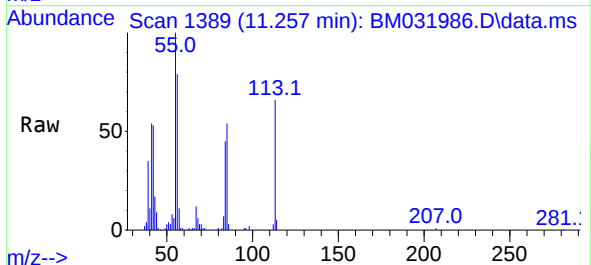
#33
Hexachlorobutadiene
Concen: 52.344 ng/ul
RT: 10.587 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



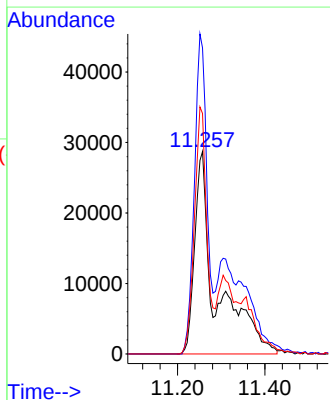
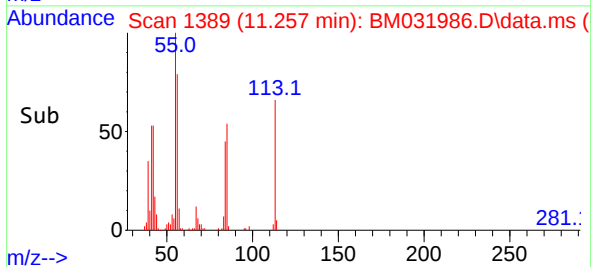
Tgt Ion:225 Resp: 210767
Ion Ratio Lower Upper
225 100
223 60.9 50.7 76.1
227 62.1 50.7 76.1



#34
Caprolactam
Concen: 48.671 ng/ul m
RT: 11.257 min Scan# 1389
Delta R.T. 0.018 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



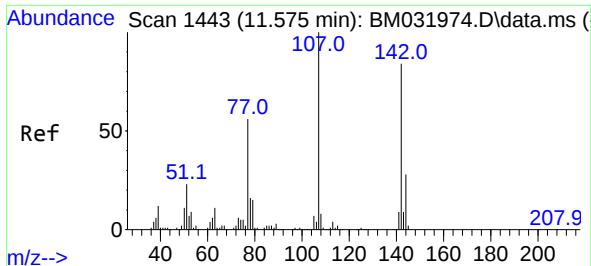
Tgt Ion:113 Resp: 98469
Ion Ratio Lower Upper
113 100
55 151.2 155.2 232.8#
56 118.8 101.9 152.9



Instrument :
BNA_M
ClientSampled :
SLCS649

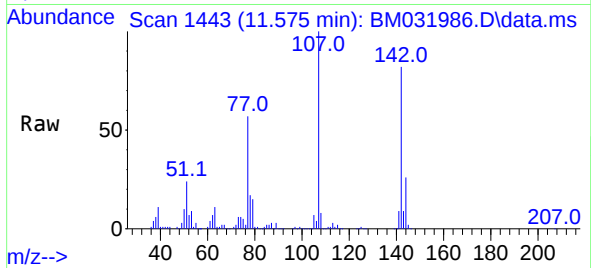
Manual Integrations
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#35
4-Chloro-3-methylphenol
Concen: 54.209 ng/ul
RT: 11.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

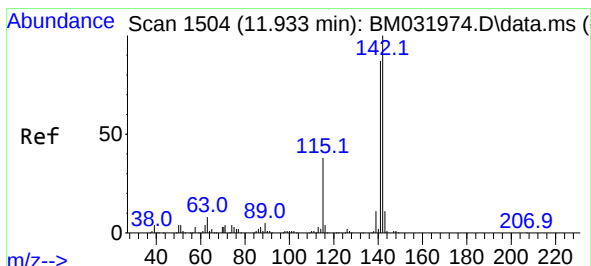
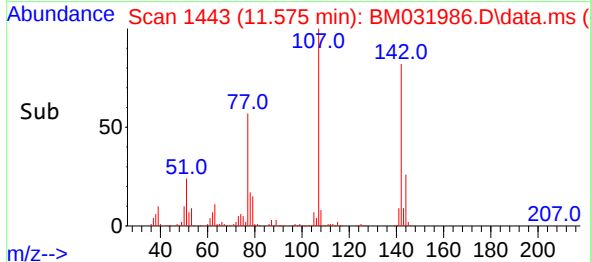
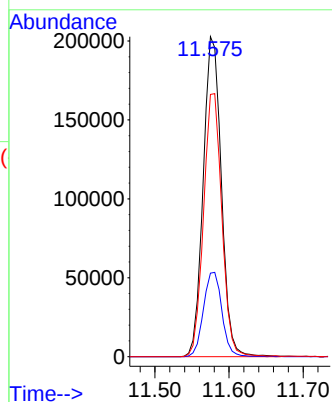
Instrument :
BNA_M
ClientSampled :
SLCS649



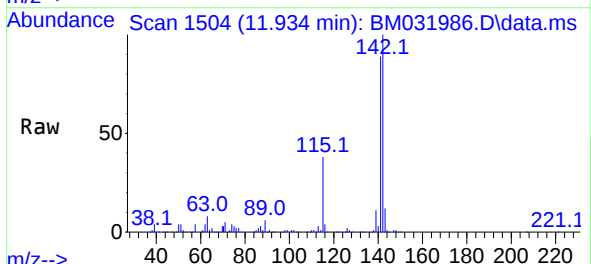
Tgt Ion:107 Resp: 345043
Ion Ratio Lower Upper
107 100
144 26.1 22.3 33.5
142 82.0 65.6 98.4

Manual Integrations
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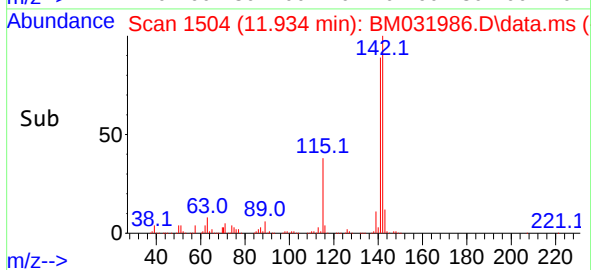
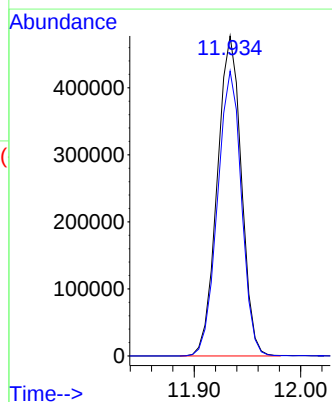
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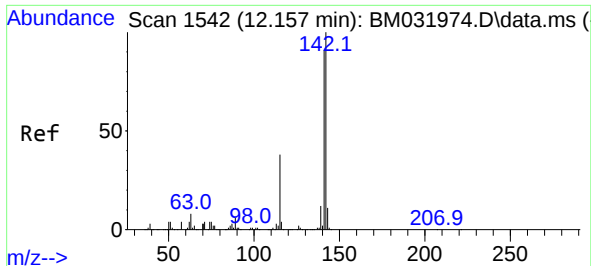


#36
2-Methylnaphthalene
Concen: 51.397 ng/ul
RT: 11.934 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



Tgt Ion:142 Resp: 750625
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8





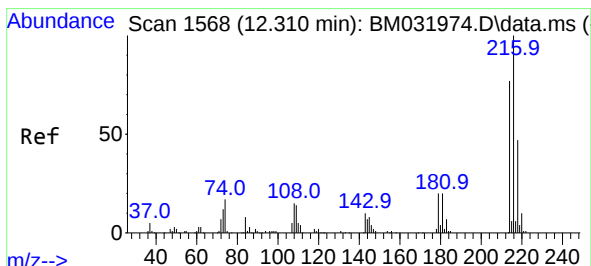
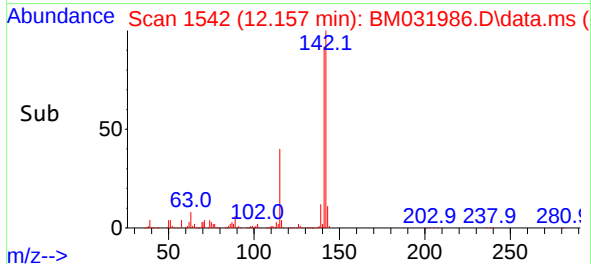
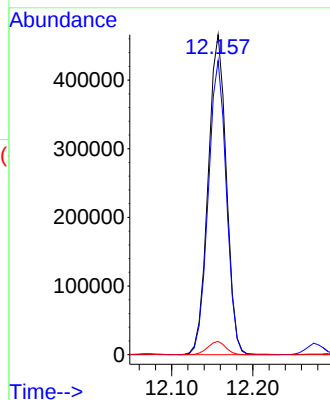
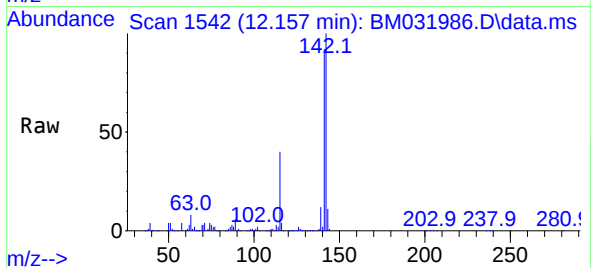
#37
1-Methylnaphthalene
Concen: 48.808 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:142 Resp: 726042
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2
116 4.1 3.1 4.7

Instrument :
BNA_M
ClientSampled :
SLCS649

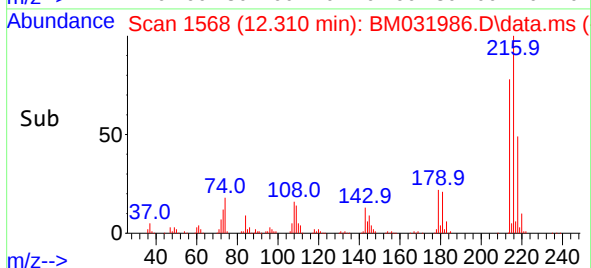
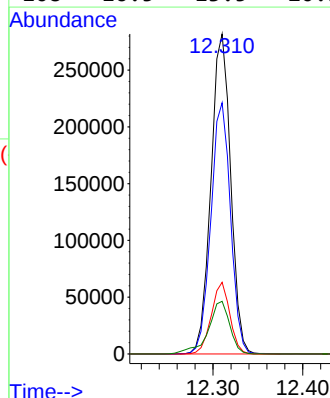
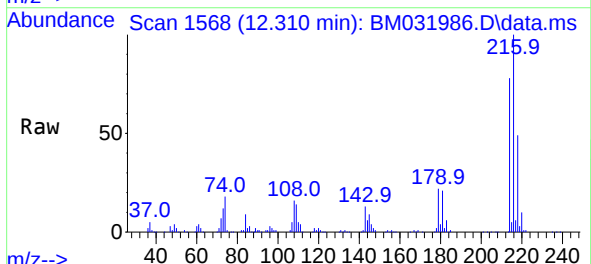
Manual Integrations
APPROVED

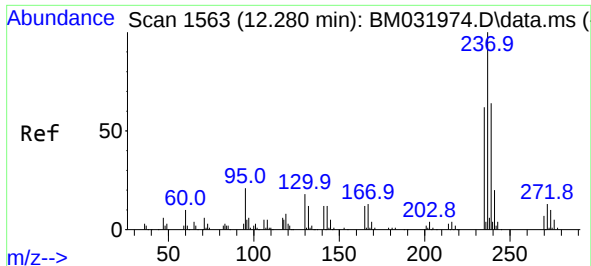
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 53.321 ng/ul
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

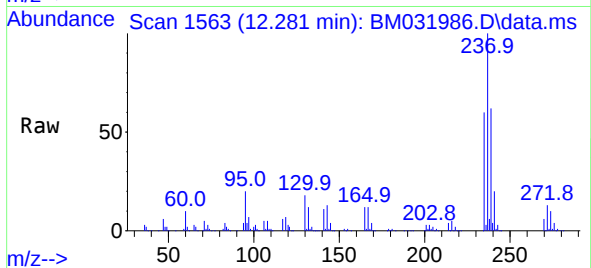
Tgt Ion:216 Resp: 429171
Ion Ratio Lower Upper
216 100
214 78.5 62.2 93.4
179 22.4 16.6 24.8
108 16.5 13.5 20.3





#40
Hexachlorocyclopentadiene
Concen: 45.510 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

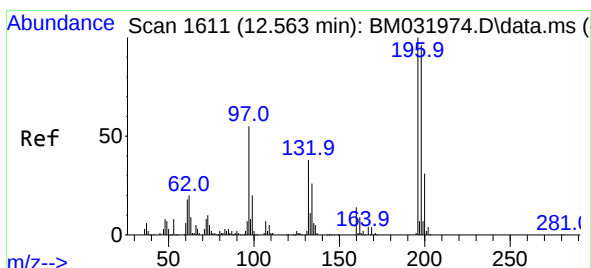
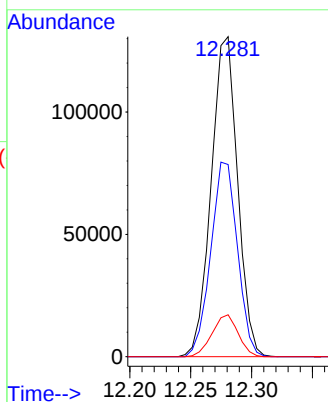
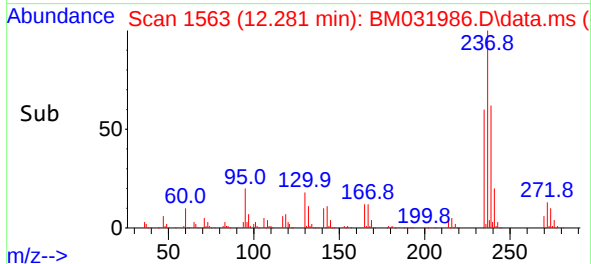
Instrument :
BNA_M
ClientSampled :
SLCS649



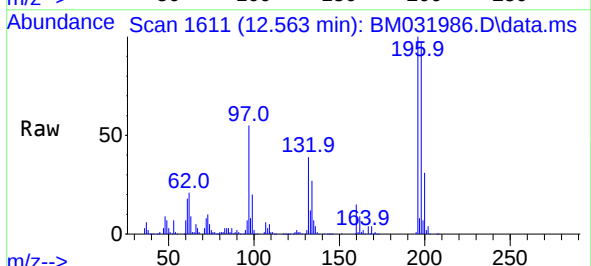
Tgt Ion:237 Resp: 197158
Ion Ratio Lower Upper
237 100
235 60.1 49.0 73.4
272 13.1 11.0 16.4

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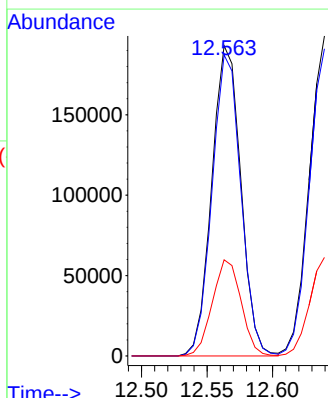
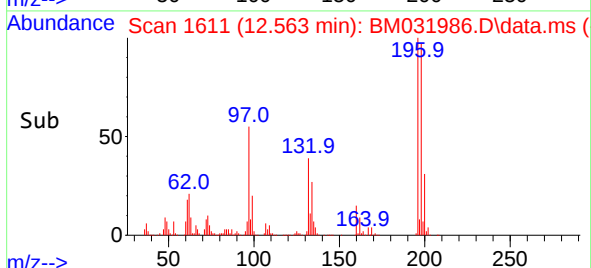
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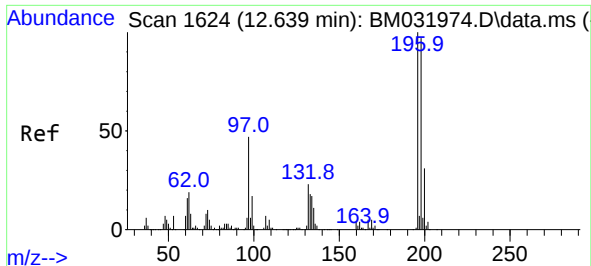


#41
2,4,6-Trichlorophenol
Concen: 55.125 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

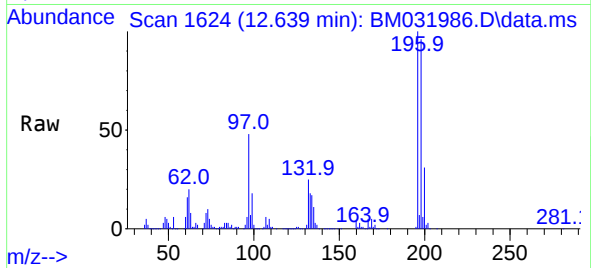


Tgt Ion:196 Resp: 297234
Ion Ratio Lower Upper
196 100
198 97.0 78.8 118.2
200 31.0 26.0 39.0

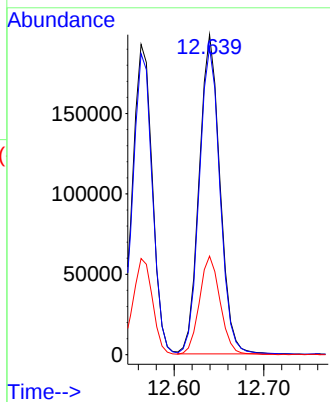
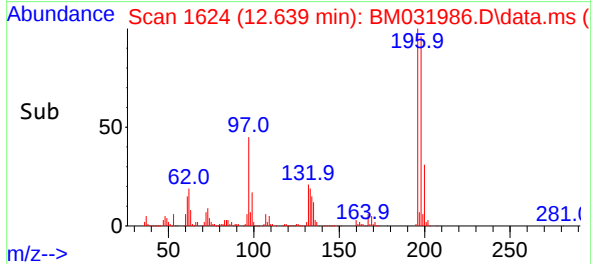




#42
2,4,5-Trichlorophenol
Concen: 54.432 ng/ul
RT: 12.639 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



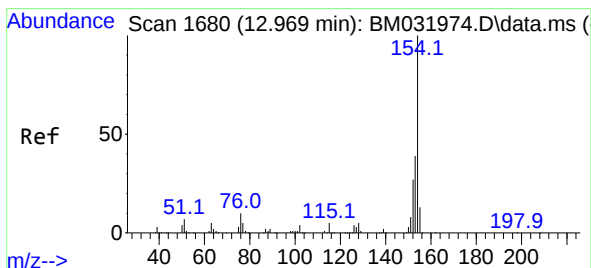
Tgt Ion:196 Resp: 318728
Ion Ratio Lower Upper
196 100
198 96.0 76.1 114.1
200 30.8 25.4 38.2



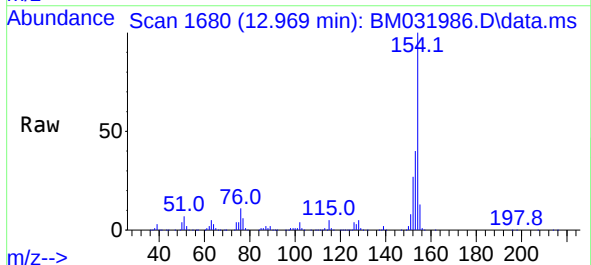
Instrument :
BNA_M
ClientSampled :
SLCS649

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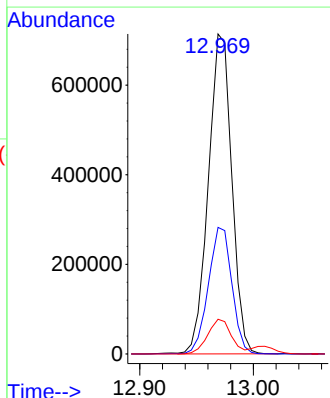
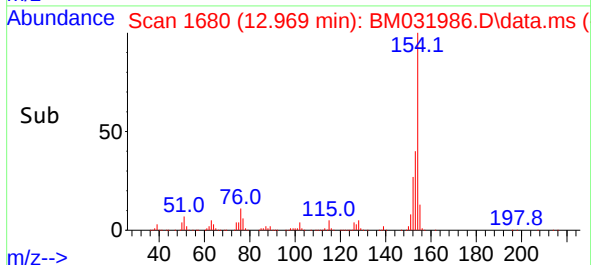
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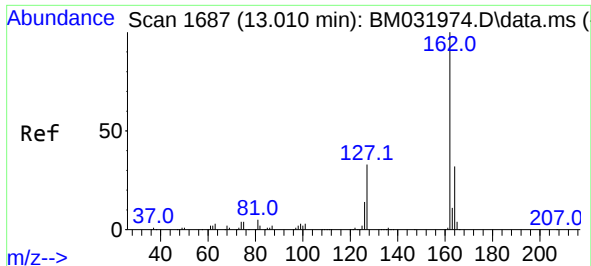


#43
1,1'-Biphenyl
Concen: 51.825 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



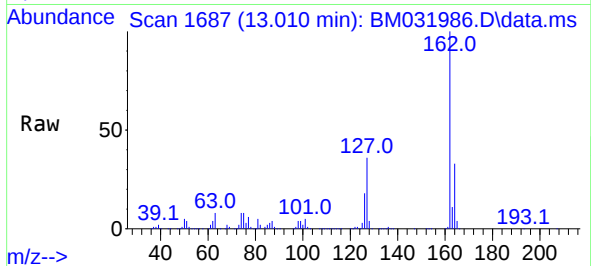
Tgt Ion:154 Resp: 1022137
Ion Ratio Lower Upper
154 100
153 39.5 32.3 48.5
76 10.8 10.6 15.8





#44
2-Chloronaphthalene
Concen: 51.897 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

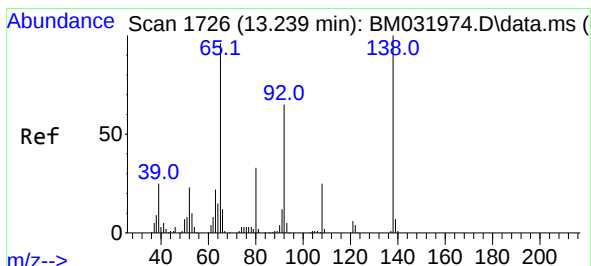
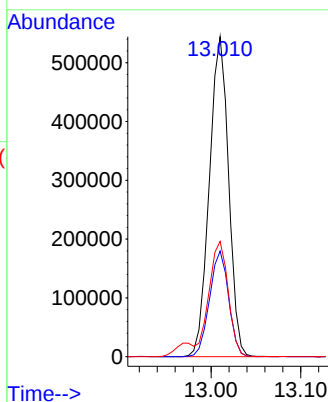
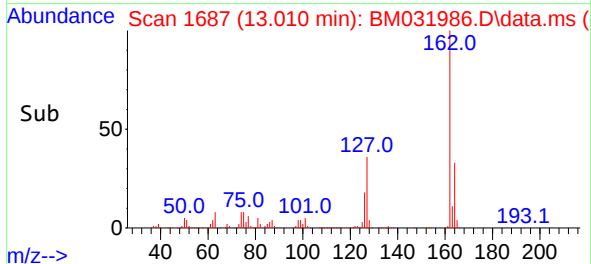
Instrument :
BNA_M
ClientSampled :
SLCS649



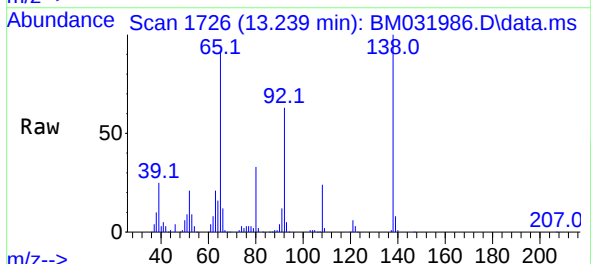
Tgt Ion:162 Resp: 810920
Ion Ratio Lower Upper
162 100
164 33.0 26.2 39.4
127 36.0 29.4 44.0

Manual Integrations
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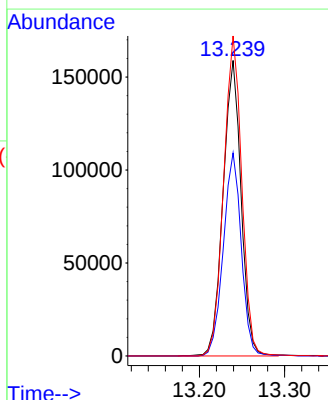
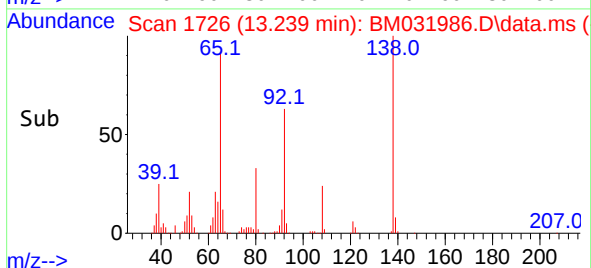
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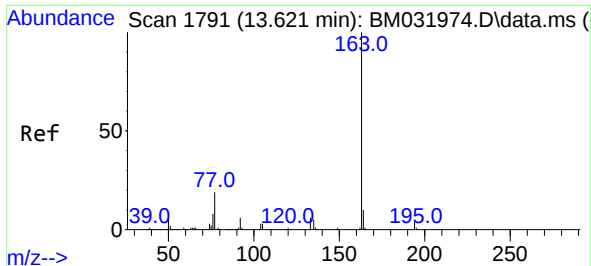


#45
2-Nitroaniline
Concen: 54.357 ng/ul
RT: 13.239 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

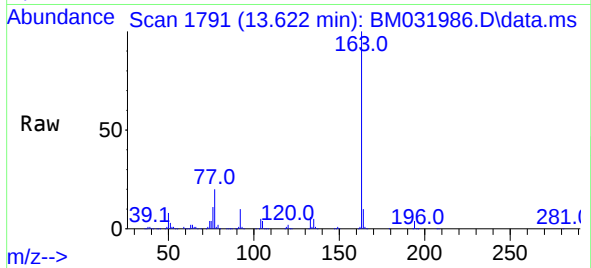


Tgt Ion: 65 Resp: 234004
Ion Ratio Lower Upper
65 100
92 68.7 53.9 80.9
138 108.3 83.3 124.9

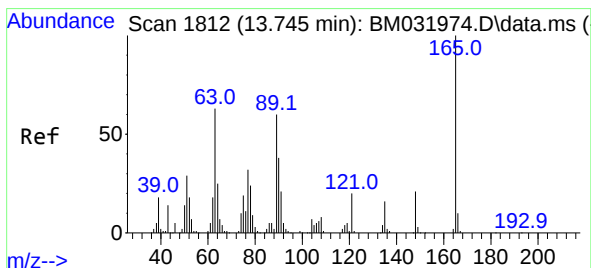
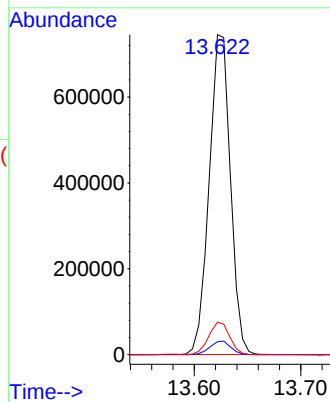
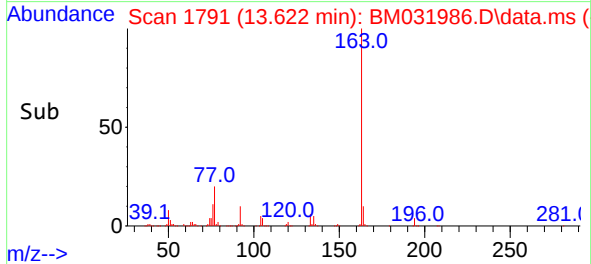




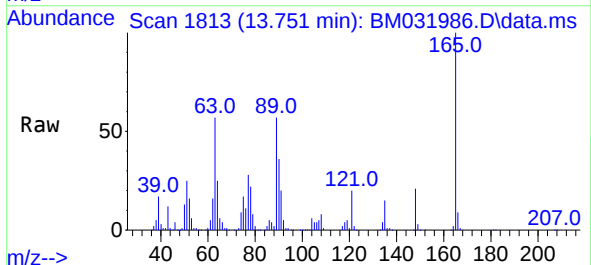
#47
Dimethylphthalate
Concen: 49.634 ng/ul
RT: 13.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



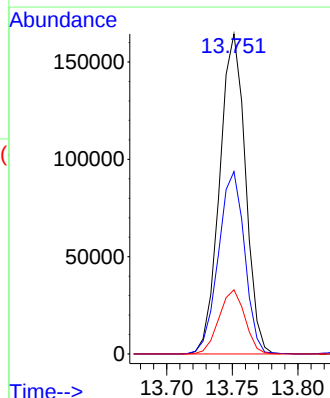
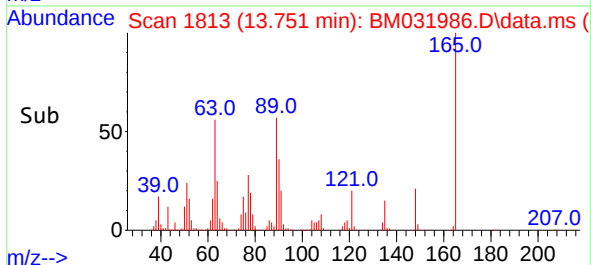
Tgt Ion:163 Resp: 1034024
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 54.676 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



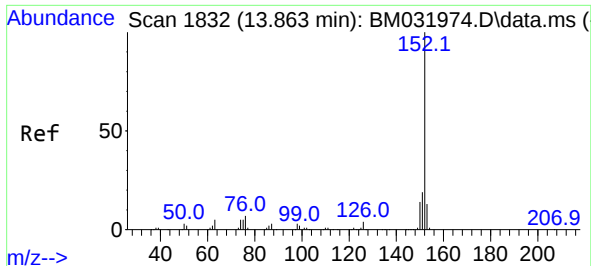
Tgt Ion:165 Resp: 224717
Ion Ratio Lower Upper
165 100
89 57.0 48.6 72.8
121 20.1 18.1 27.1



Instrument :
BNA_M
ClientSampled :
SLCS649

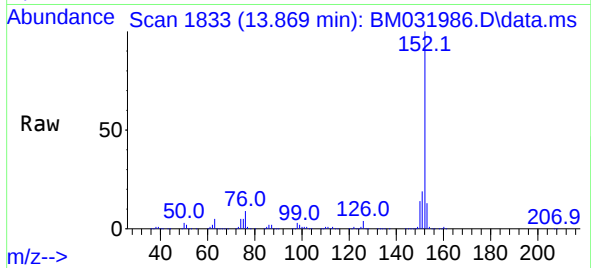
Manual Integrations
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#50
Acenaphthylene
Concen: 51.522 ng/ul
RT: 13.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

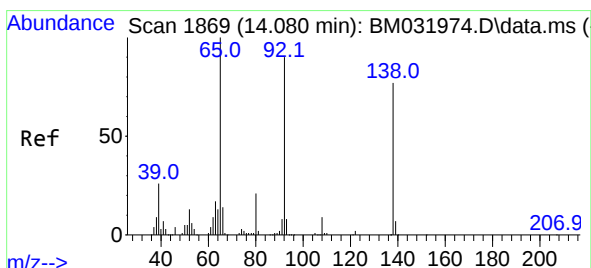
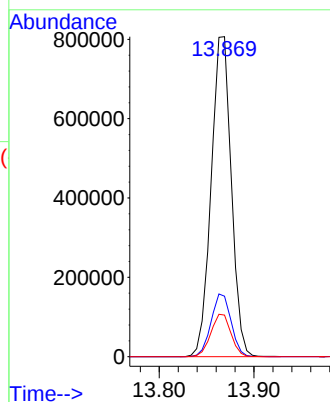
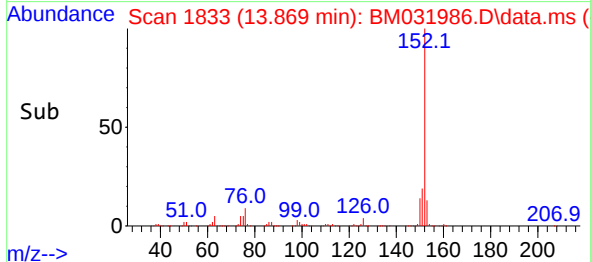
Instrument :
BNA_M
ClientSampled :
SLCS649



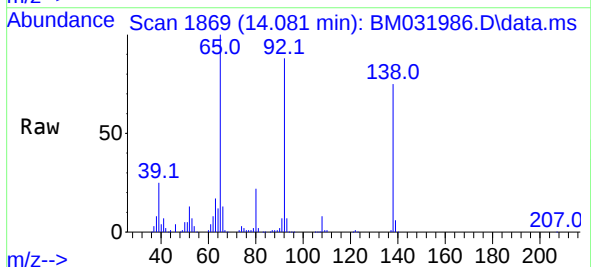
Tgt Ion:152 Resp: 1191197
Ion Ratio Lower Upper
152 100
151 18.9 16.2 24.2
153 13.0 10.2 15.4

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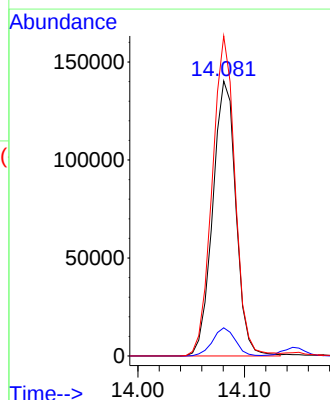
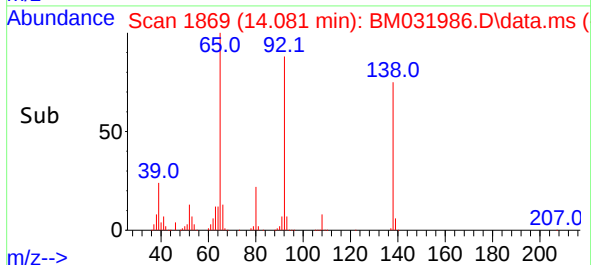
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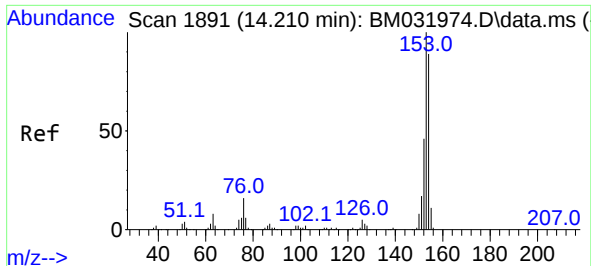


#51
3-Nitroaniline
Concen: 55.076 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



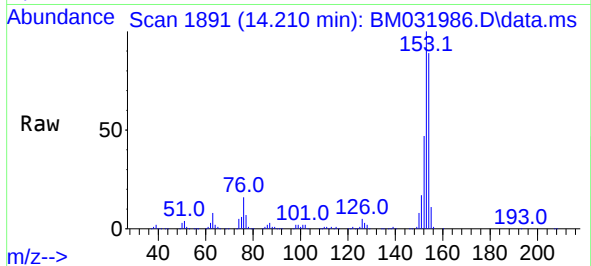
Tgt Ion:138 Resp: 211831
Ion Ratio Lower Upper
138 100
108 10.2 7.4 11.2
92 116.4 96.5 144.7





#52
Acenaphthene
Concen: 51.156 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

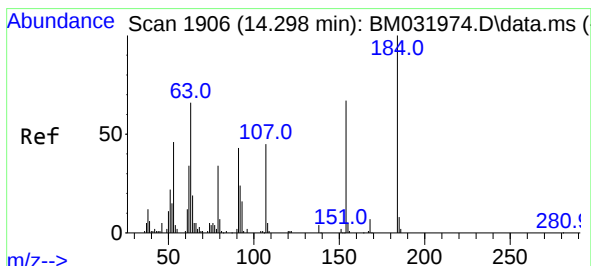
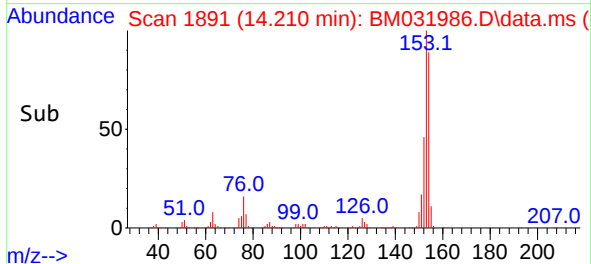
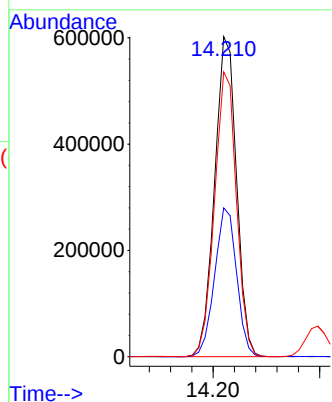
Instrument :
BNA_M
ClientSampled :
SLCS649



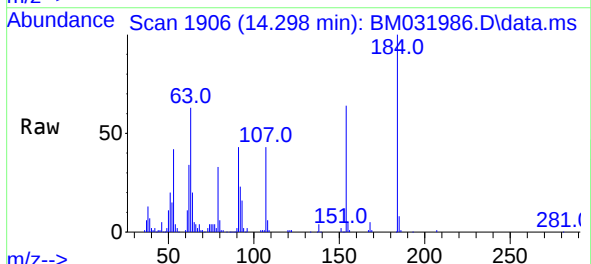
Tgt Ion:153 Resp: 858983
Ion Ratio Lower Upper
153 100
152 46.5 37.4 56.2
154 89.0 69.4 104.0

Manual Integrations
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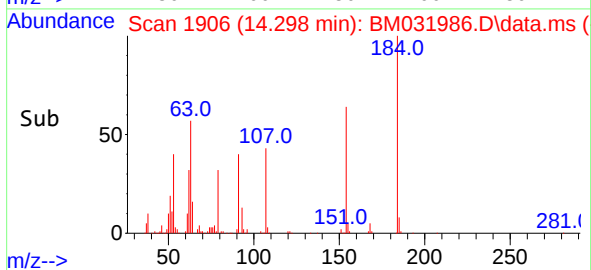
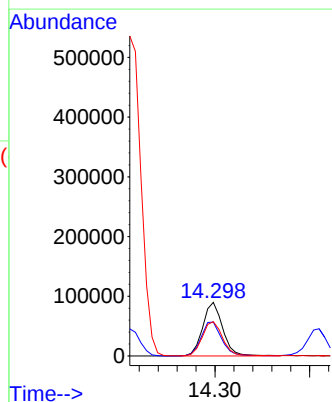
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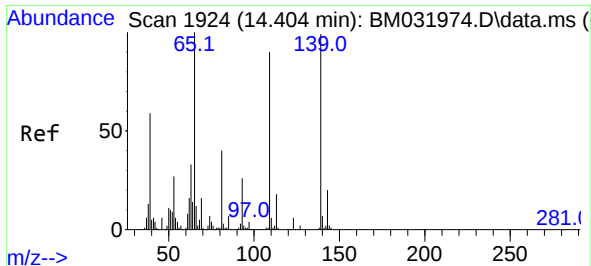


#53
2,4-Dinitrophenol
Concen: 45.798 ng/ul
RT: 14.298 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

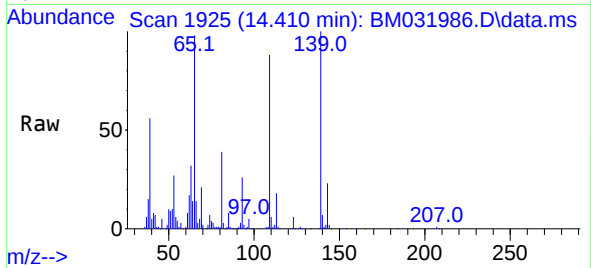


Tgt Ion:184 Resp: 131605
Ion Ratio Lower Upper
184 100
63 63.2 56.9 85.3
154 64.0 49.0 73.6

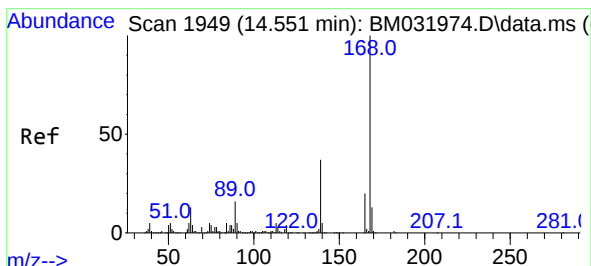
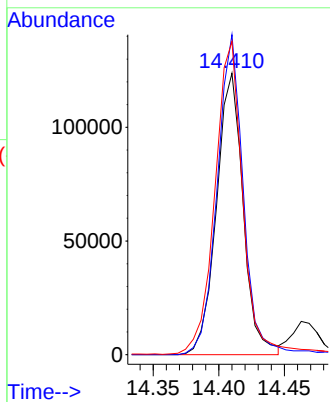
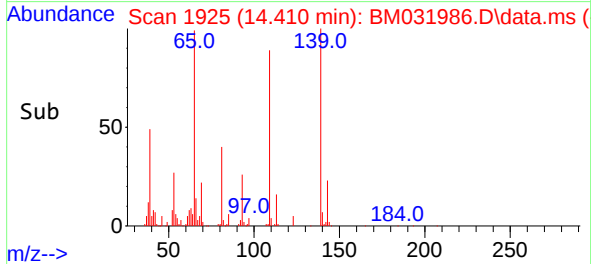




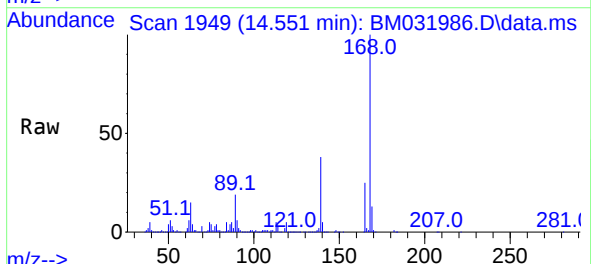
#55
4-Nitrophenol
Concen: 49.414 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



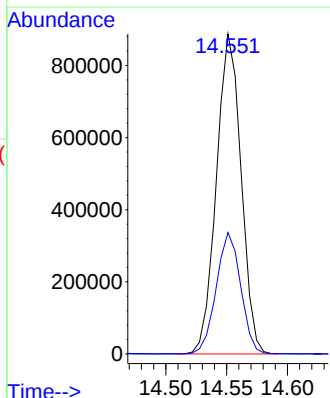
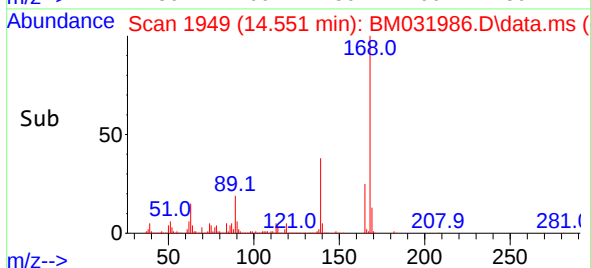
Tgt Ion:109 Resp: 175192
Ion Ratio Lower Upper
109 100
139 113.7 100.3 150.5
65 111.3 104.6 156.8



#56
Dibenzofuran
Concen: 50.529 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



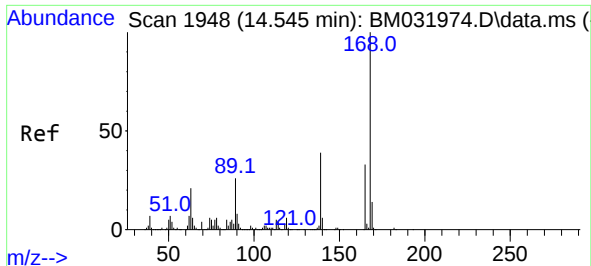
Tgt Ion:168 Resp: 1251254
Ion Ratio Lower Upper
168 100
139 38.0 29.5 44.3



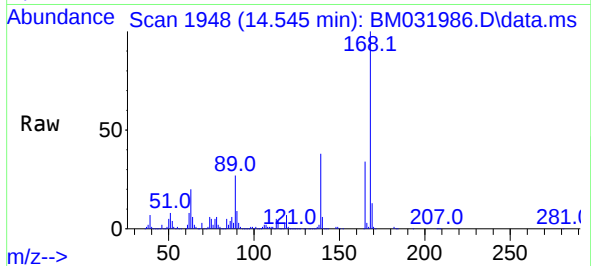
Instrument :
BNA_M
ClientSampled :
SLCS649

Manual Integrations
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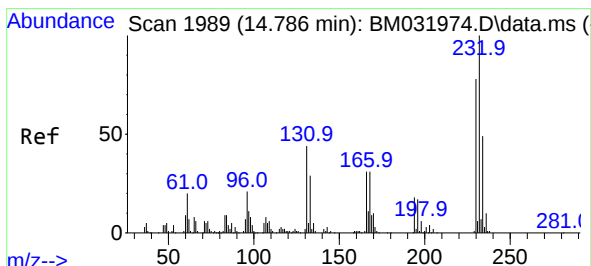
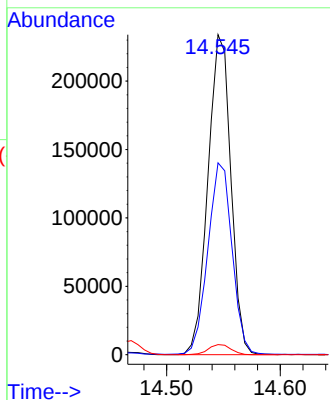
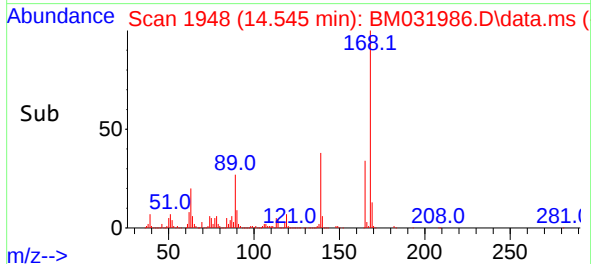
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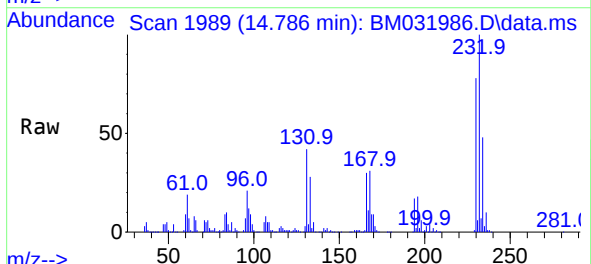
#57
2,4-Dinitrotoluene
Concen: 53.182 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



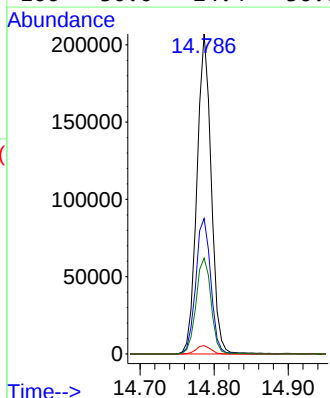
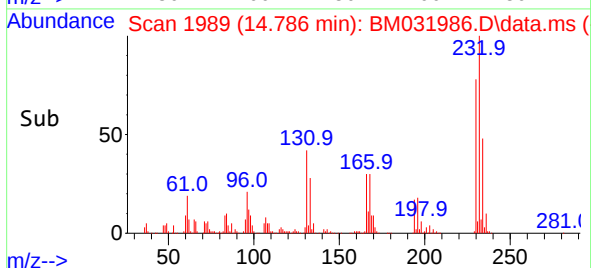
Tgt Ion:165 Resp: 327825
Ion Ratio Lower Upper
165 100
63 59.9 37.6 56.4#
182 3.2 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 52.719 ng/ul
RT: 14.786 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



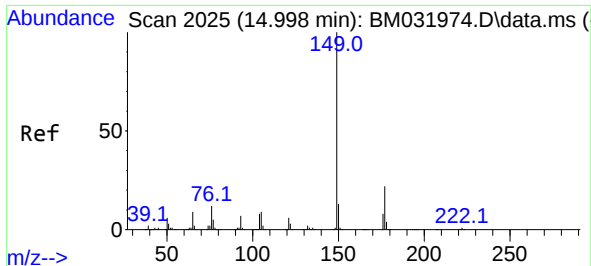
Tgt Ion:232 Resp: 277123
Ion Ratio Lower Upper
232 100
131 42.4 35.0 52.6
130 2.6 1.7 2.5#
166 30.0 24.4 36.6



Instrument :
BNA_M
ClientSampleId :
SLCS649

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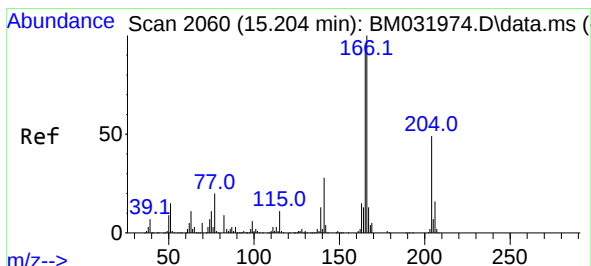
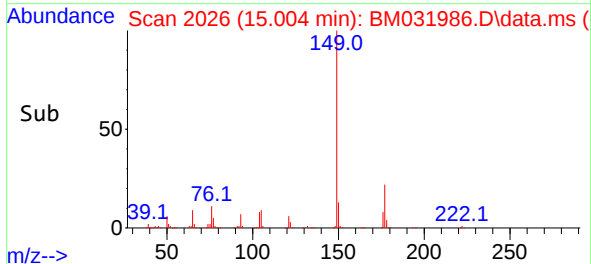
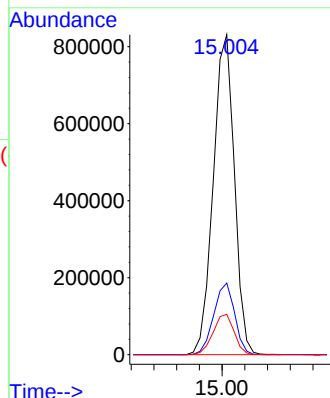
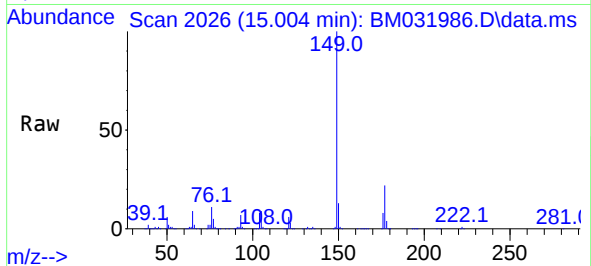
#59
Diethylphthalate
Concen: 50.324 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:149 Resp: 1071518
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.4
150 12.6 9.9 14.9

Instrument :
BNA_M
ClientSampled :
SLCS649

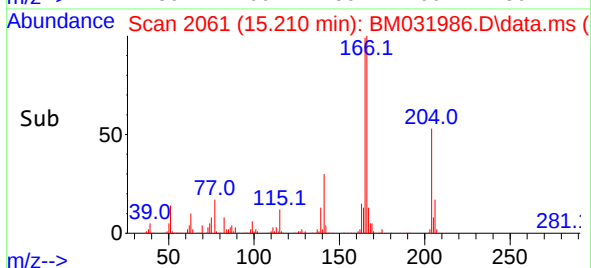
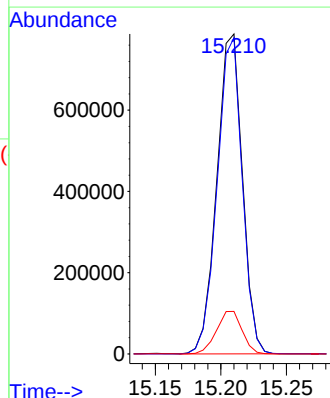
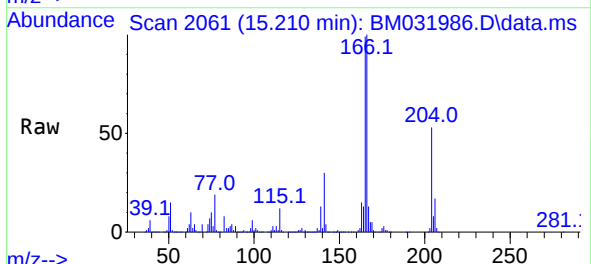
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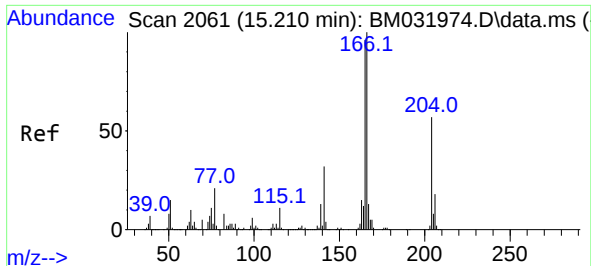
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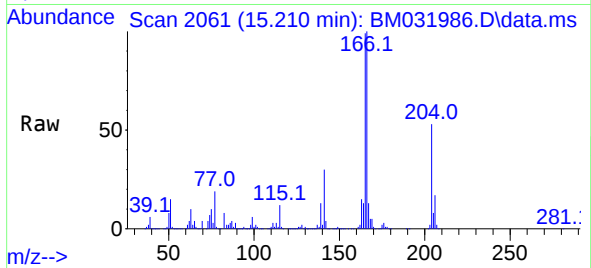
#61
Fluorene
Concen: 50.864 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:166 Resp: 1065765
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 13.3 10.6 15.8

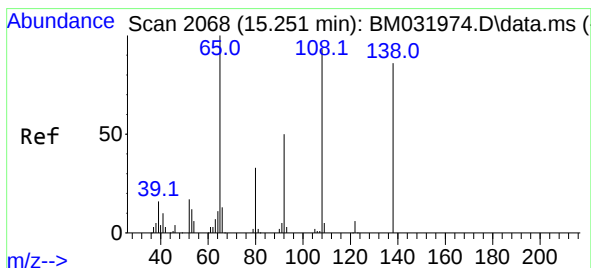
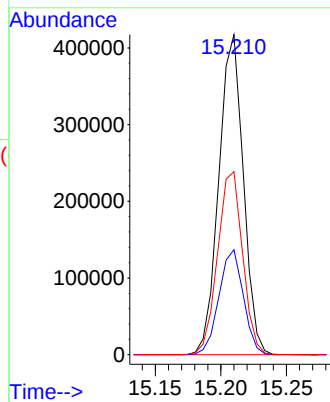
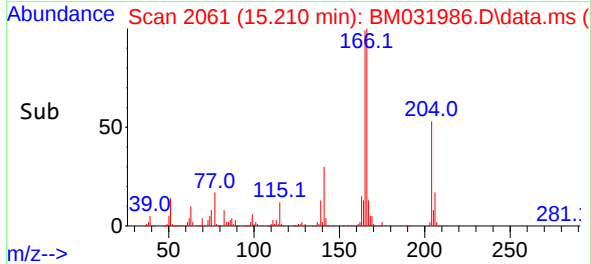




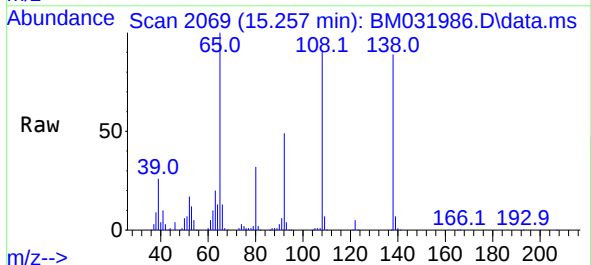
#62
4-Chlorophenyl-phenylether
Concen: 50.507 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



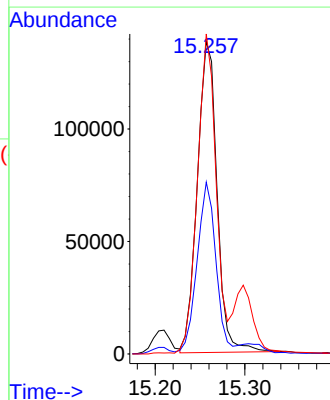
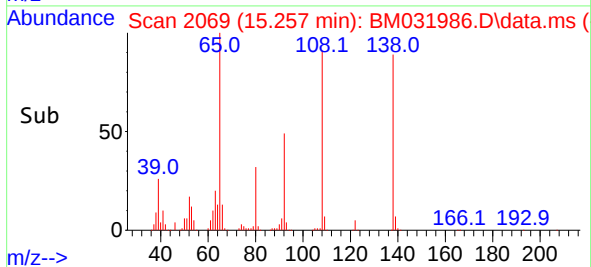
Tgt Ion:204 Resp: 541996
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 57.2 45.6 68.4



#63
4-Nitroaniline
Concen: 61.491 ng/ul
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



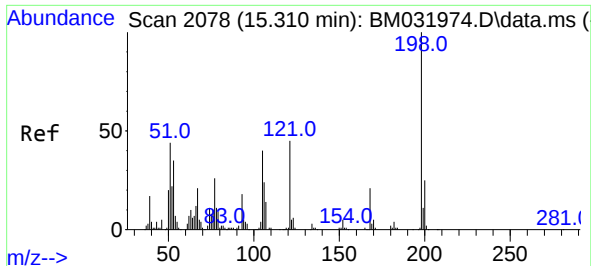
Tgt Ion:138 Resp: 211852
Ion Ratio Lower Upper
138 100
92 55.0 41.5 62.3
108 102.4 61.4 92.2#



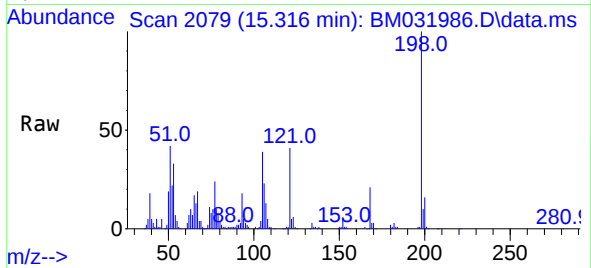
Instrument :
BNA_M
ClientSampled :
SLCS649

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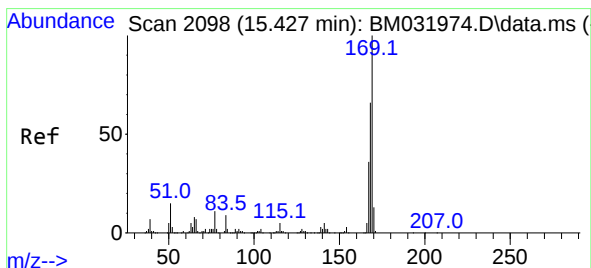
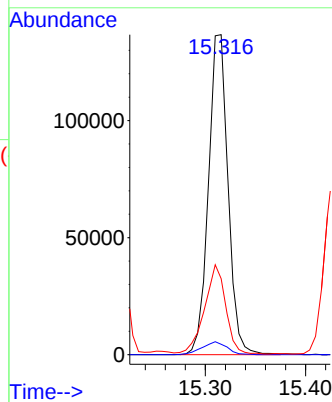
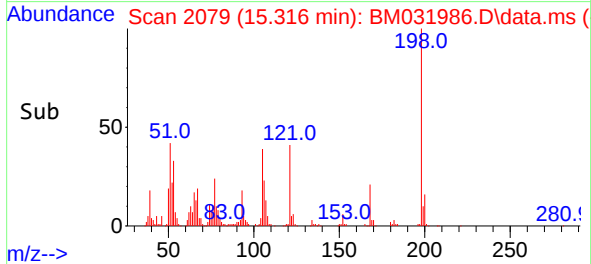
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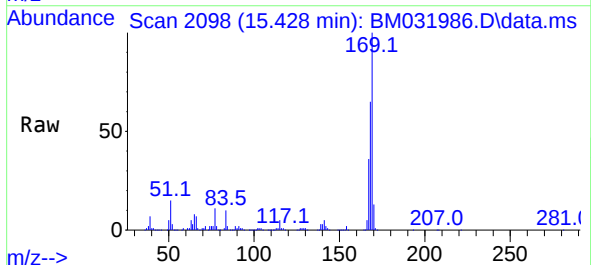
#66
4,6-Dinitro-2-methylphenol
Concen: 46.158 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



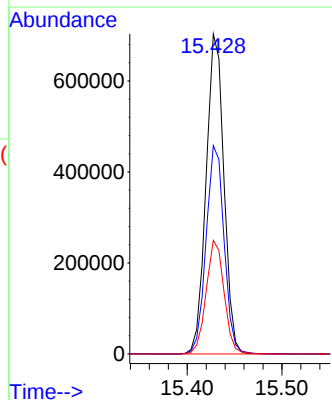
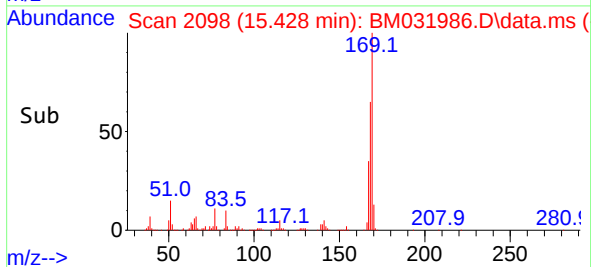
Tgt Ion:198 Resp: 186150
Ion Ratio Lower Upper
198 100
182 3.2 3.8 5.6#
77 23.8 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 52.789 ng/ul
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



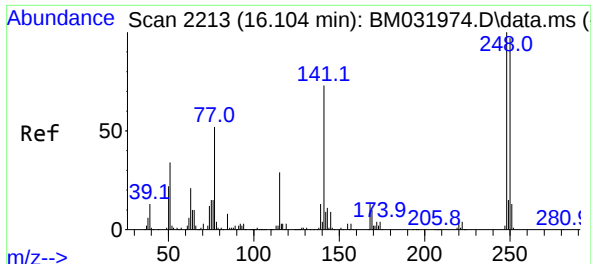
Tgt Ion:169 Resp: 915066
Ion Ratio Lower Upper
169 100
168 65.1 53.8 80.6
167 35.5 28.6 43.0



Instrument :
BNA_M
ClientSampled :
SLCS649

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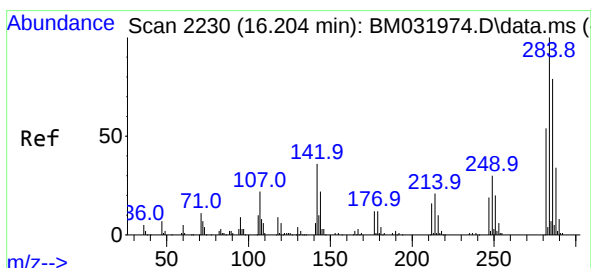
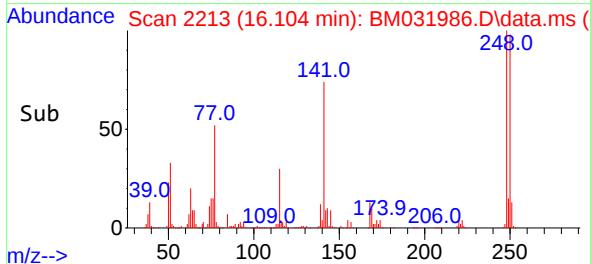
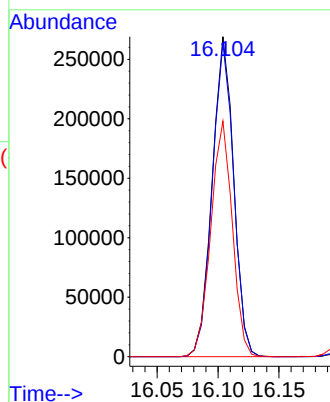
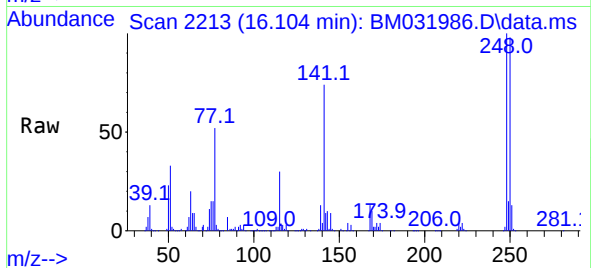
#68
4-Bromophenyl-phenylether
Concen: 53.458 ng/ul
RT: 16.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Instrument :
BNA_M
ClientSampled :
SLCS649

Tgt Ion:248 Resp: 330671
Ion Ratio Lower Upper
248 100
250 98.0 78.6 118.0
141 73.6 56.2 84.2

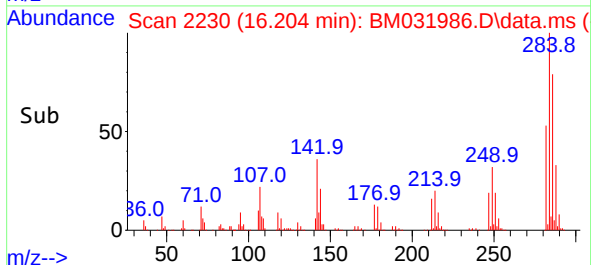
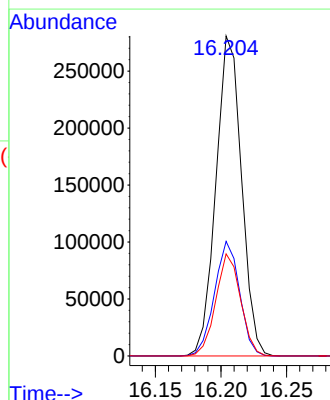
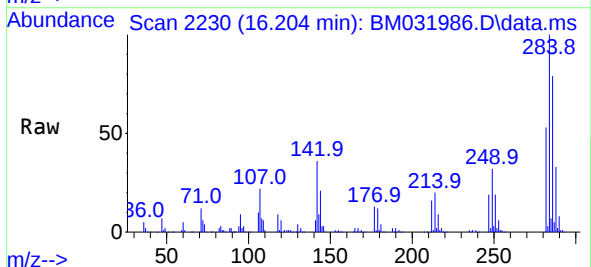
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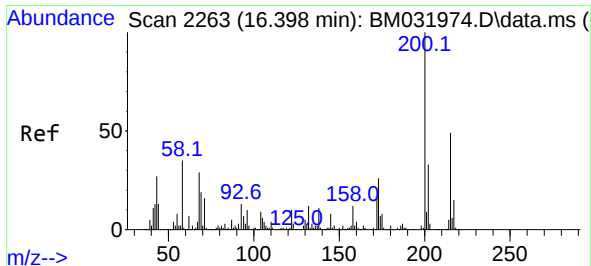
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#69
Hexachlorobenzene
Concen: 52.988 ng/ul
RT: 16.204 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:284 Resp: 380555
Ion Ratio Lower Upper
284 100
142 35.8 29.0 43.4
249 31.9 25.0 37.4





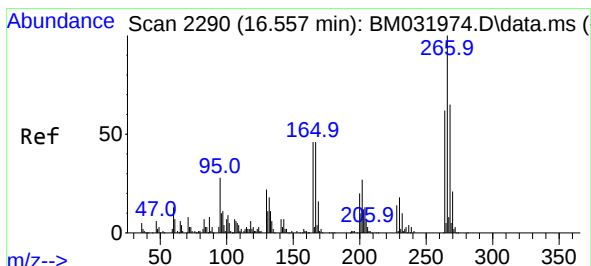
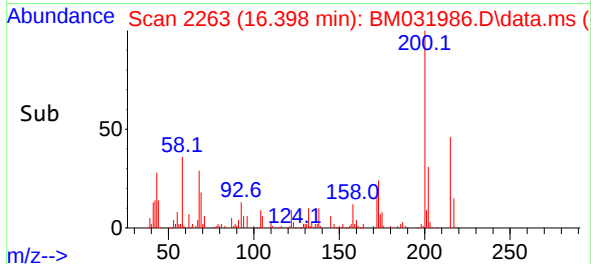
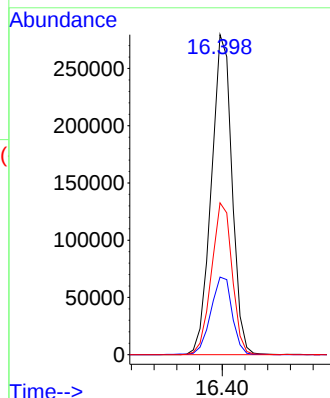
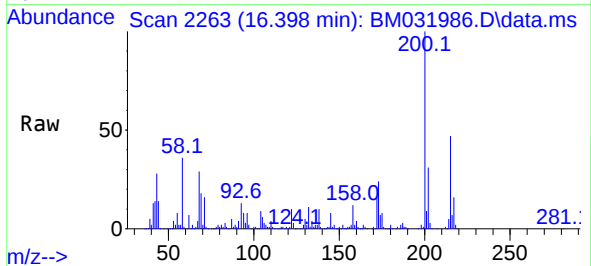
#70
Atrazine
Concen: 53.888 ng/uI
RT: 16.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:	200	Resp:	351959
Ion Ratio	Lower	Upper	
200	100		
173	24.2	18.7	28.1
215	47.5	38.9	58.3

Instrument :
BNA_M
ClientSampled :
SLCS649

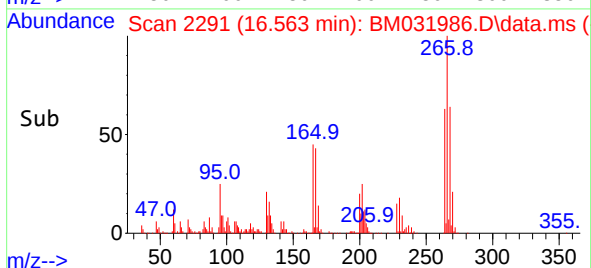
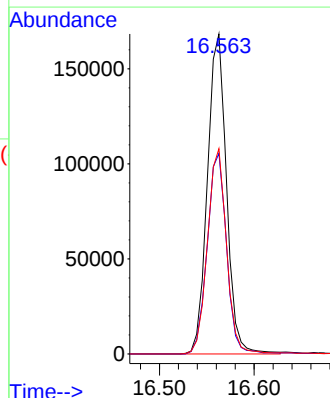
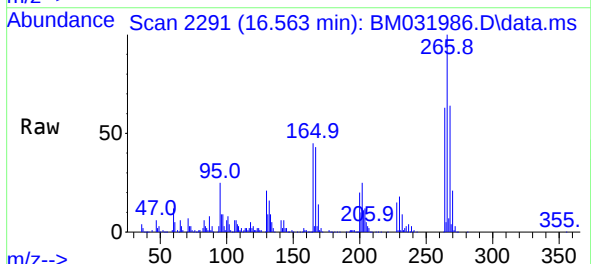
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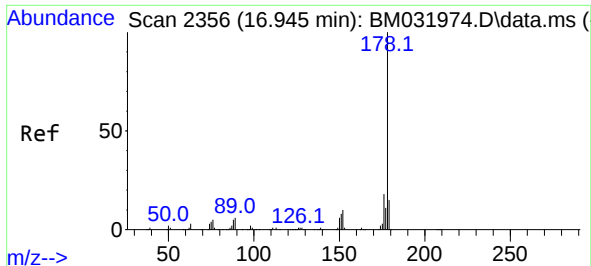
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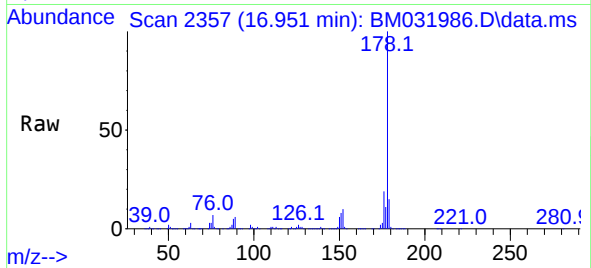
#71
Pentachlorophenol
Concen: 50.236 ng/uI
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:	266	Resp:	235932
Ion Ratio	Lower	Upper	
266	100		
264	62.7	48.2	72.4
268	64.1	51.6	77.4

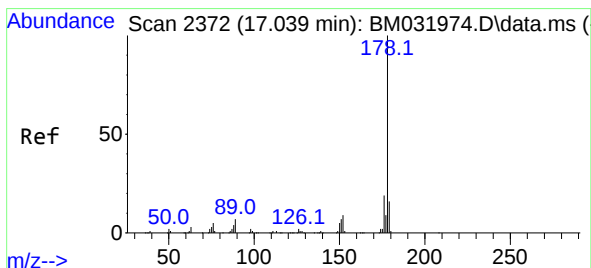
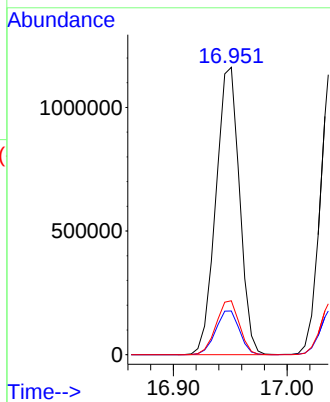
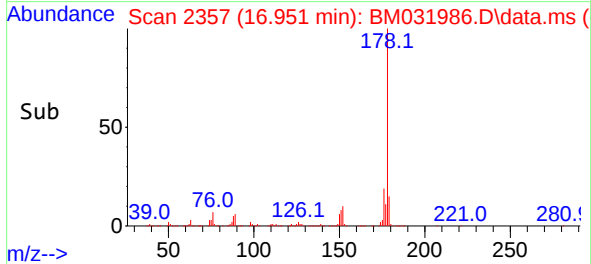




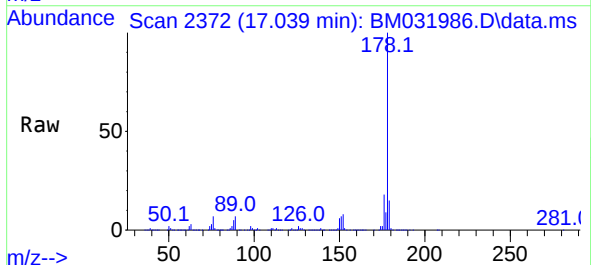
#72
Phenanthrene
Concen: 50.926 ng/u1
RT: 16.951 min Scan# 2357
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



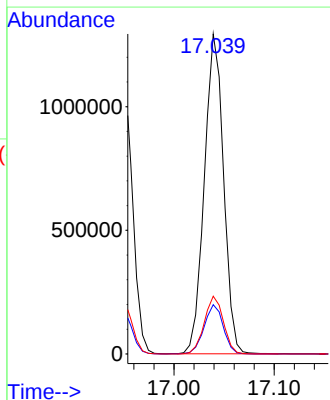
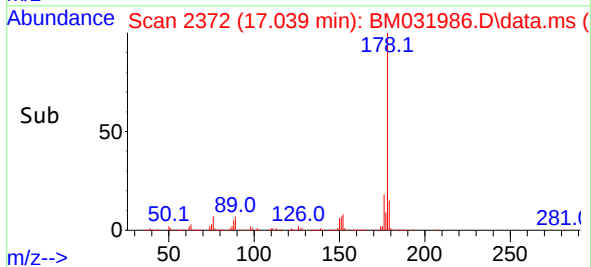
Tgt Ion:178 Resp: 1678940
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.8 15.2 22.8



#74
Anthracene
Concen: 51.210 ng/u1
RT: 17.039 min Scan# 2372
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



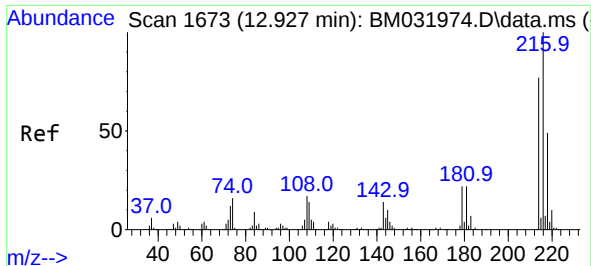
Tgt Ion:178 Resp: 1727835
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.0 15.2 22.8



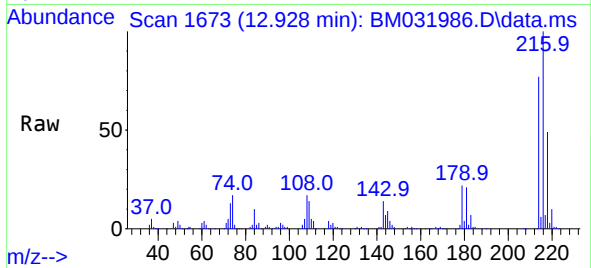
Instrument :
BNA_M
ClientSampleId :
SLCS649

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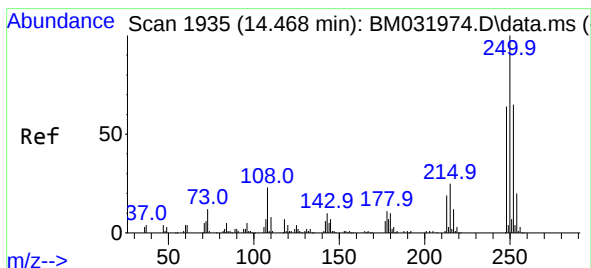
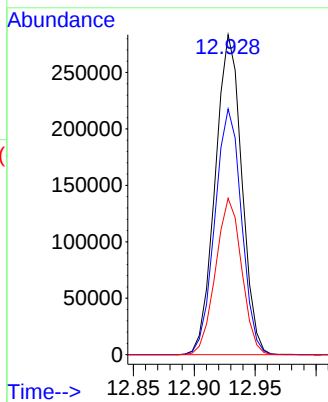
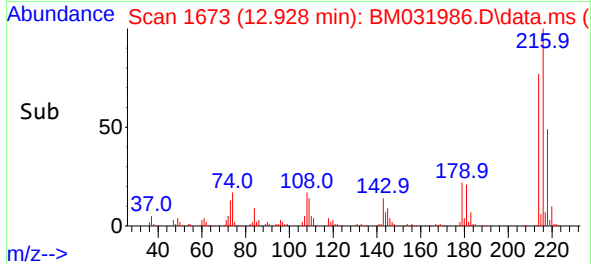
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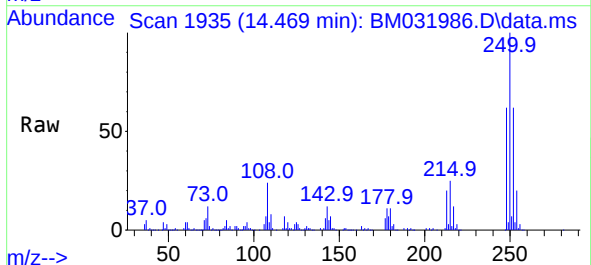
#75
1,2,3,4-Tetrachlorobenzene
Concen: 54.834 ng/uL
RT: 12.928 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



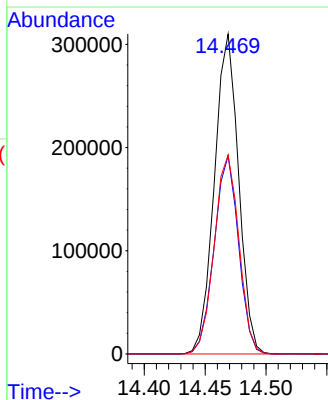
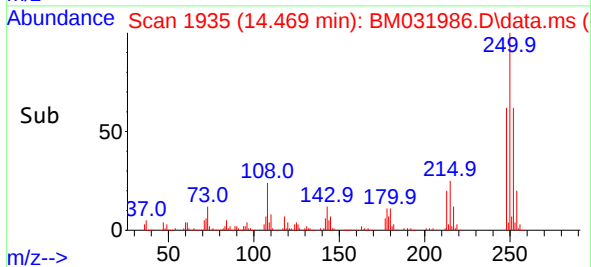
Tgt Ion:216 Resp: 430720
Ion Ratio Lower Upper
216 100
214 76.8 61.9 92.9
218 48.8 39.5 59.3



#76
Pentachlorobenzene
Concen: 52.111 ng/uL
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



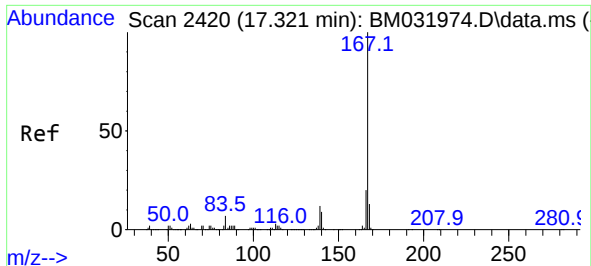
Tgt Ion:250 Resp: 429427
Ion Ratio Lower Upper
250 100
248 62.0 50.2 75.4
252 62.2 52.2 78.2



Instrument :
BNA_M
ClientSampled :
SLCS649

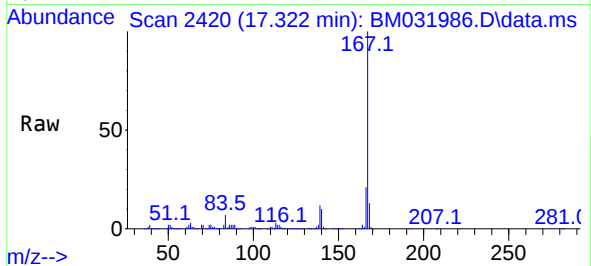
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#77
 Carbazole
 Concen: 49.363 ng/ul
 RT: 17.322 min Scan# 2420
 Delta R.T. 0.000 min
 Lab File: BM031986.D
 Acq: 31 Aug 2021 15:02

Instrument :
 BNA_M
 ClientSampleId :
 SLCS649

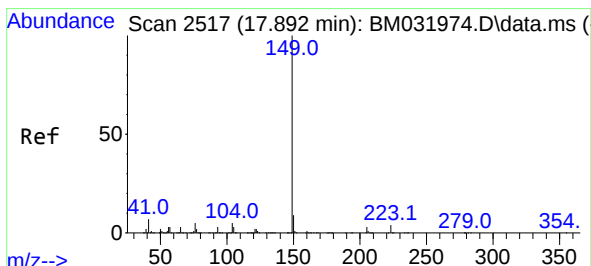
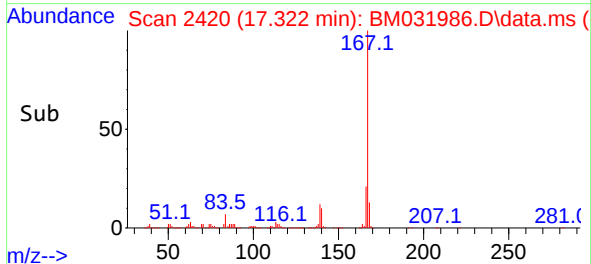
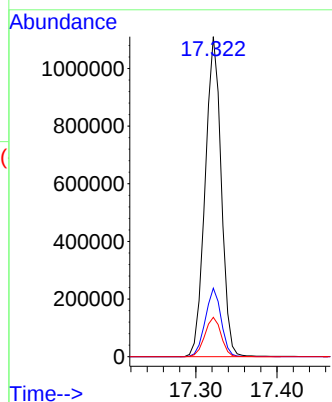


Tgt Ion:167 Resp: 1524340

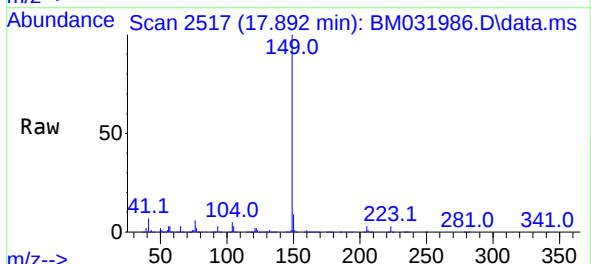
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.3	9.9	14.9

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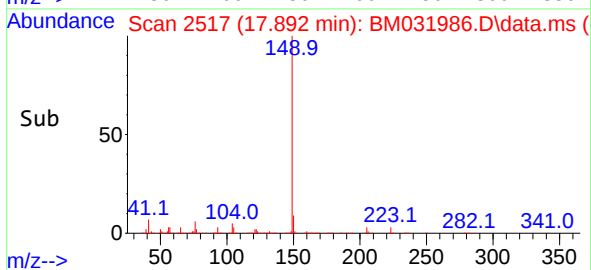
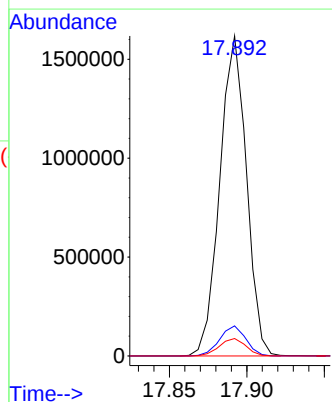


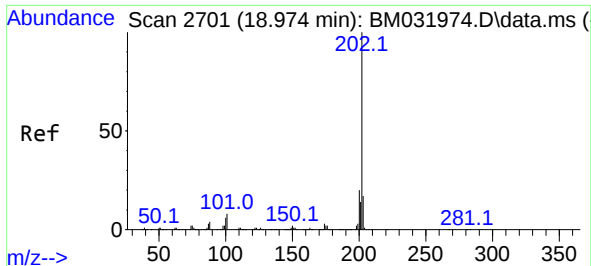
#78
 Di-n-butylphthalate
 Concen: 54.586 ng/ul
 RT: 17.892 min Scan# 2517
 Delta R.T. 0.000 min
 Lab File: BM031986.D
 Acq: 31 Aug 2021 15:02



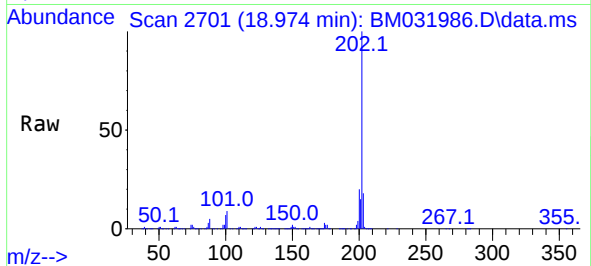
Tgt Ion:149 Resp: 1931554

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.5	4.1	6.1

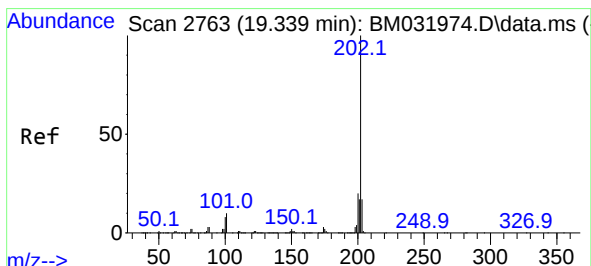
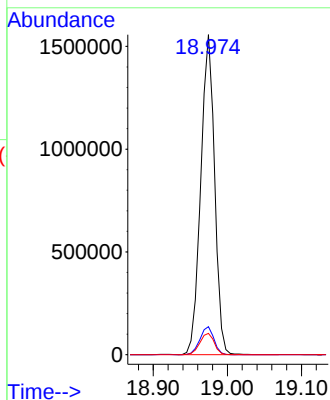
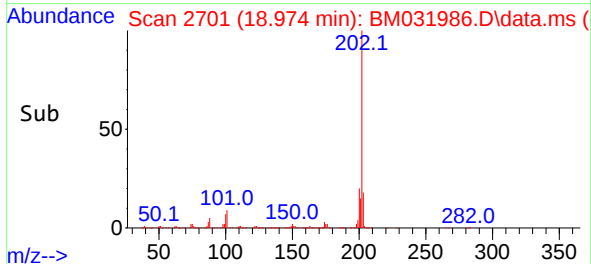




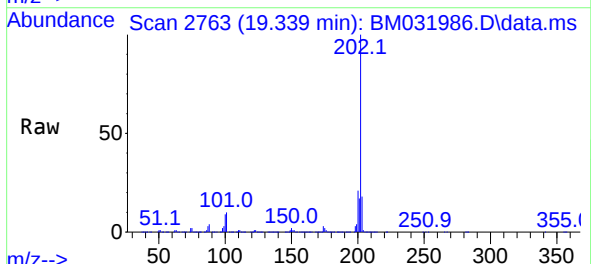
#80
Fluoranthene
Concen: 58.729 ng/u1
RT: 18.974 min Scan# 2701
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



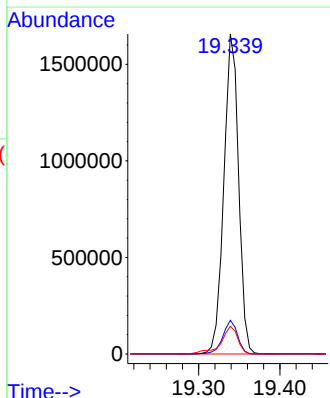
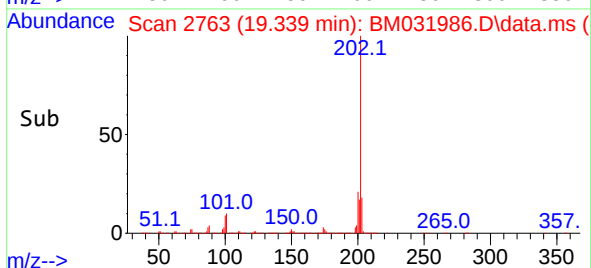
Tgt Ion:202 Resp: 2020216
Ion Ratio Lower Upper
202 100
101 8.8 8.8 13.2#
100 6.7 6.8 10.2#



#82
Pyrene
Concen: 57.465 ng/u1
RT: 19.339 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



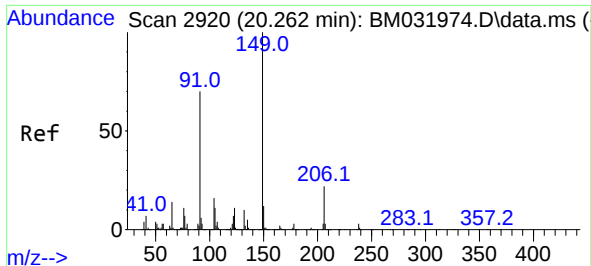
Tgt Ion:202 Resp: 2092847
Ion Ratio Lower Upper
202 100
101 10.5 10.0 15.0
100 8.6 8.5 12.7



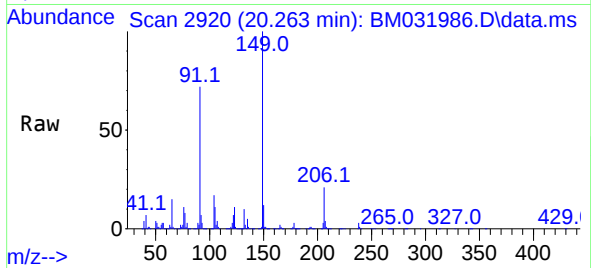
Instrument :
BNA_M
ClientSampleId :
SLCS649

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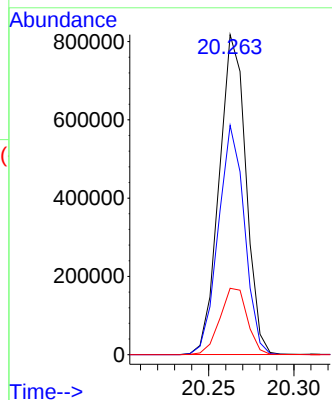
mohammad
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#83
Butylbenzylphthalate
Concen: 62.513 ng/ul
RT: 20.263 min Scan# 2920
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



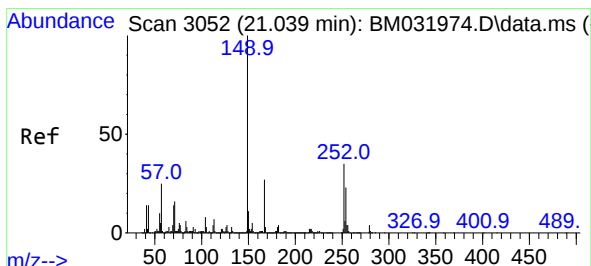
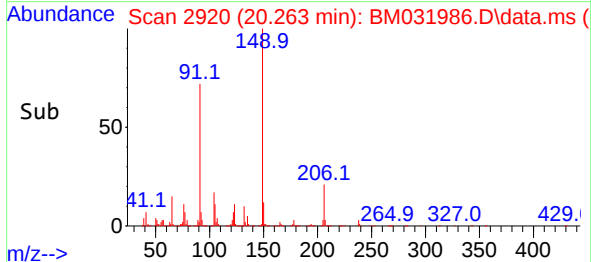
Tgt Ion:	149	Resp:	893961
Ion Ratio	Lower	Upper	
149	100		
91	71.6	57.4	86.2
206	20.7	15.9	23.9



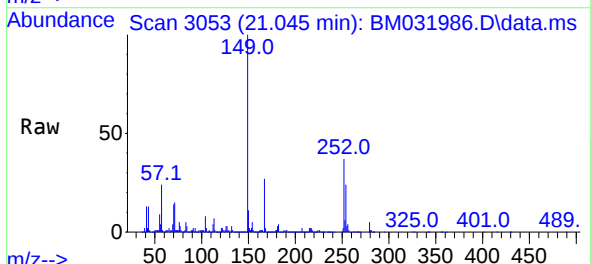
Instrument :
BNA_M
ClientSampled :
SLCS649

Manual Integrations
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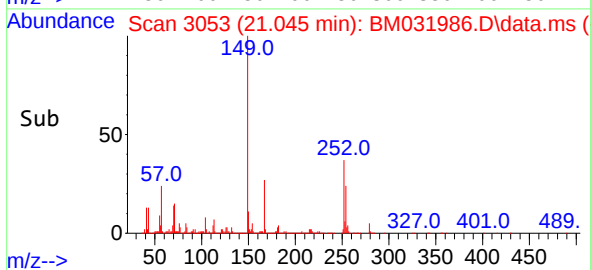
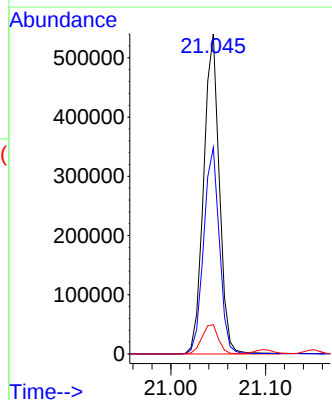
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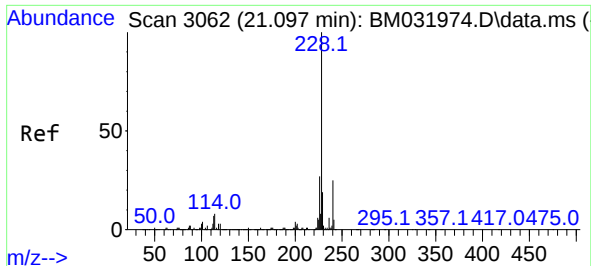


#84
3,3'-Dichlorobenzidine
Concen: 45.553 ng/ul
RT: 21.045 min Scan# 3053
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



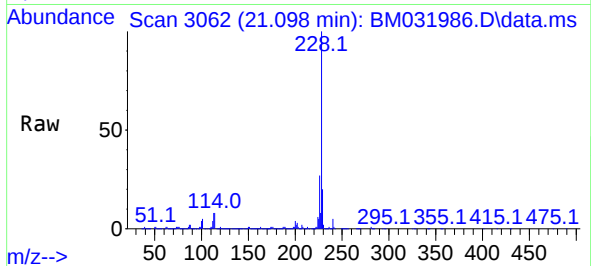
Tgt Ion:	252	Resp:	619807
Ion Ratio	Lower	Upper	
252	100		
254	64.5	49.9	74.9
126	9.2	8.9	13.3





#85
Benzo(a)anthracene
Concen: 52.052 ng/ul
RT: 21.098 min Scan# 3062
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

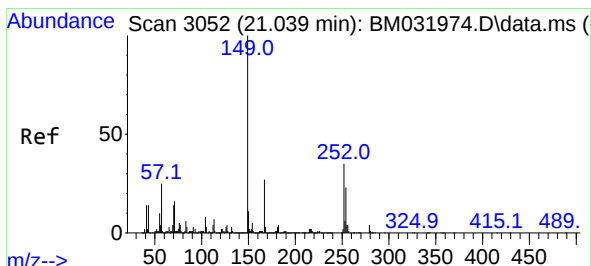
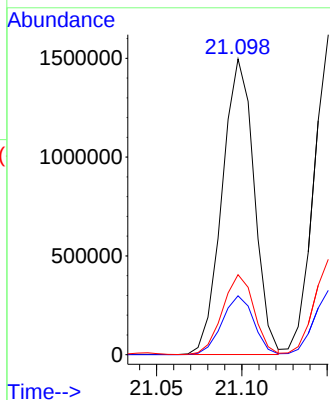
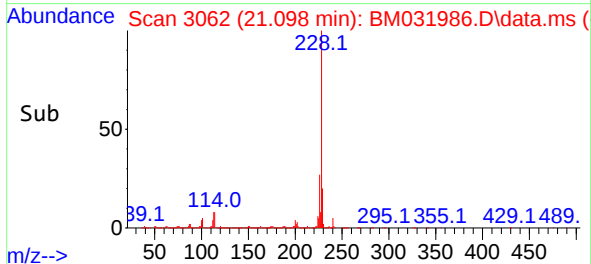
Instrument :
BNA_M
ClientSampled :
SLCS649



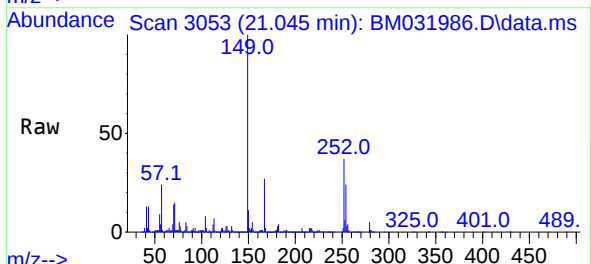
Tgt Ion:228 Resp: 1956880
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.0 22.2 33.2

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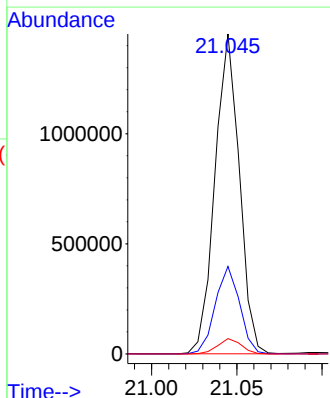
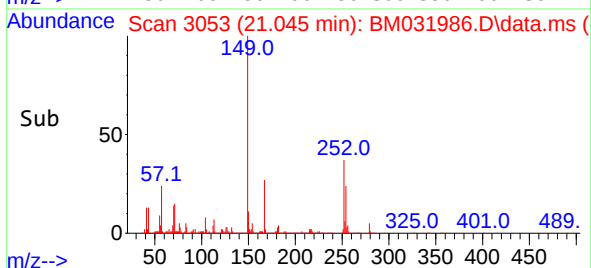
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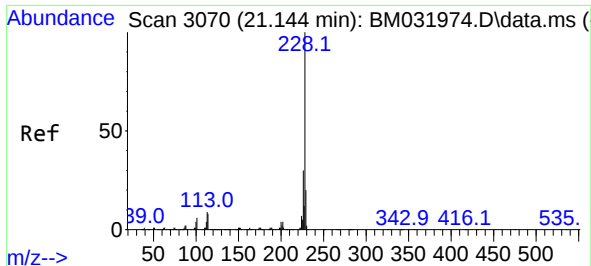


#86
Bis(2-ethylhexyl)phthalate
Concen: 62.565 ng/ul
RT: 21.045 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



Tgt Ion:149 Resp: 1442938
Ion Ratio Lower Upper
149 100
167 27.3 20.7 31.1
279 4.8 3.0 4.4#





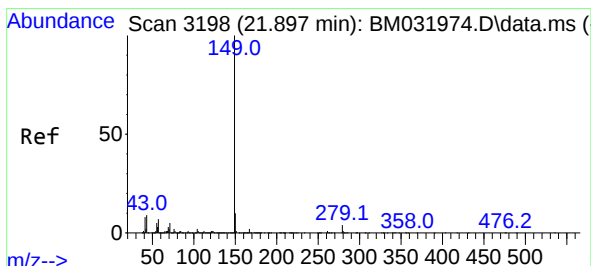
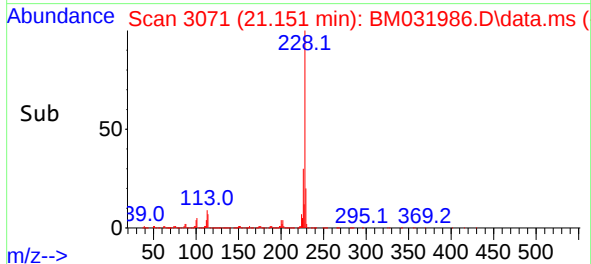
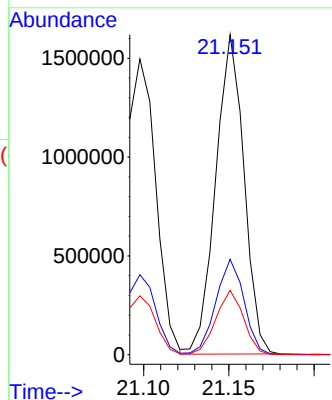
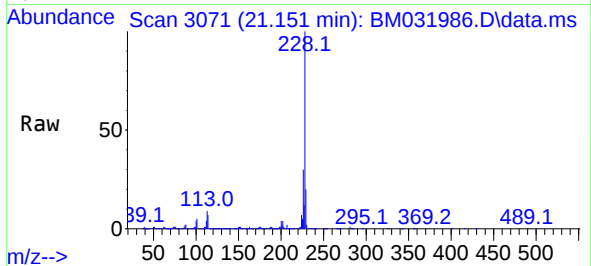
#87
Chrysene
Concen: 51.674 ng/ul
RT: 21.151 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:228 Resp: 1868562
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 20.1 15.9 23.9

Instrument :
BNA_M
ClientSampled :
SLCS649

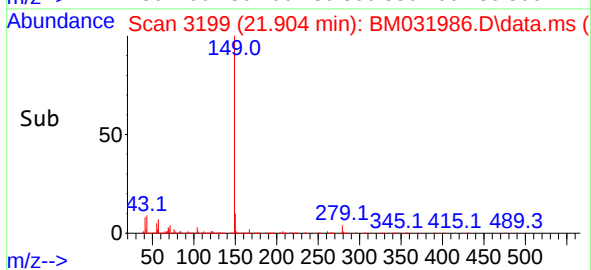
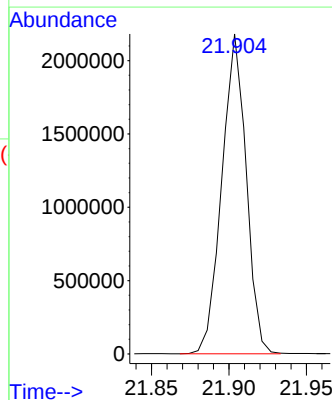
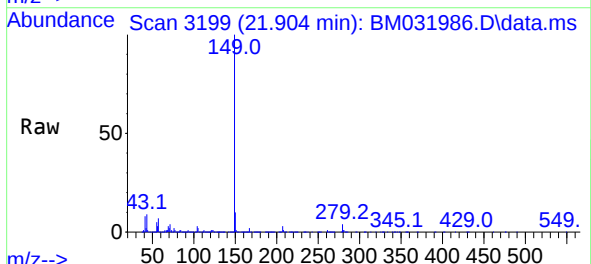
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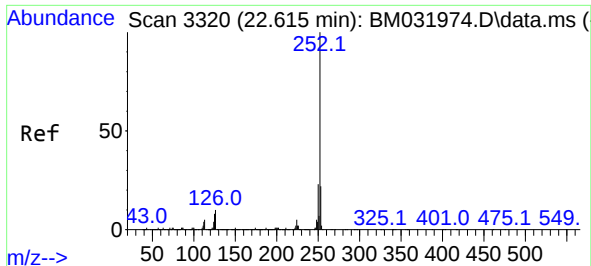
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9/1/2021 4:02:57 PM



#89
Di-n-octyl phthalate
Concen: 70.605 ng/ul
RT: 21.904 min Scan# 3199
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:149 Resp: 2381243





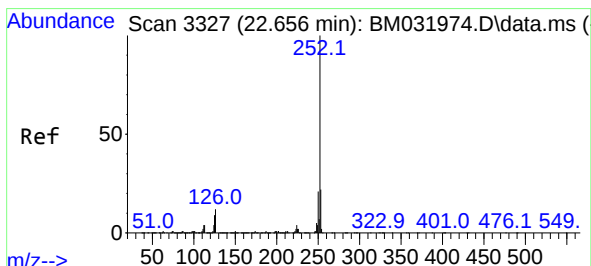
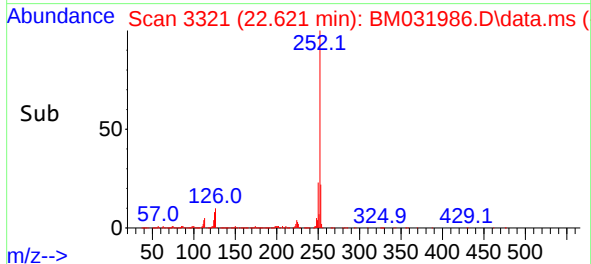
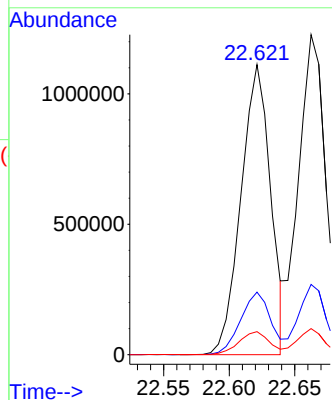
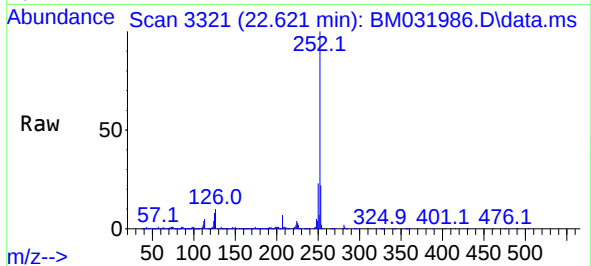
#90
Benzo(b)fluoranthene
Concen: 55.481 ng/u1
RT: 22.621 min Scan# 3321
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

Tgt Ion:252 Resp: 1747453
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 7.9 7.7 11.5

Instrument :
BNA_M
ClientSampled :
SLCS649

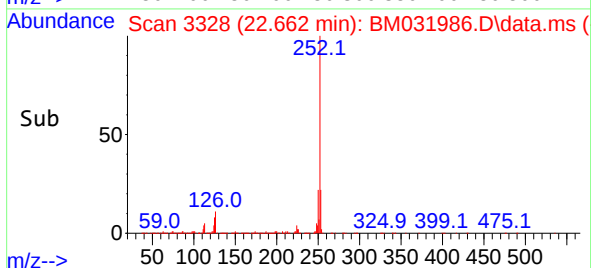
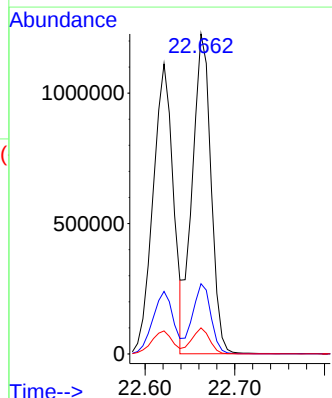
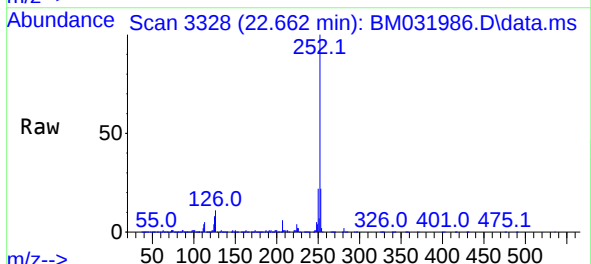
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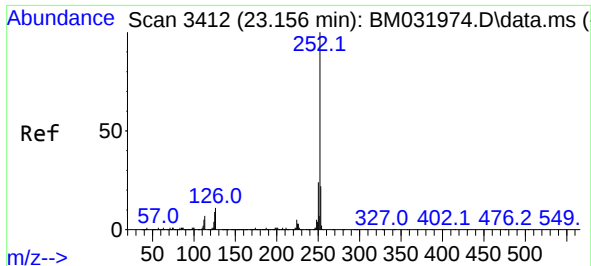
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#91
Benzo(k)fluoranthene
Concen: 58.096 ng/u1
RT: 22.662 min Scan# 3328
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

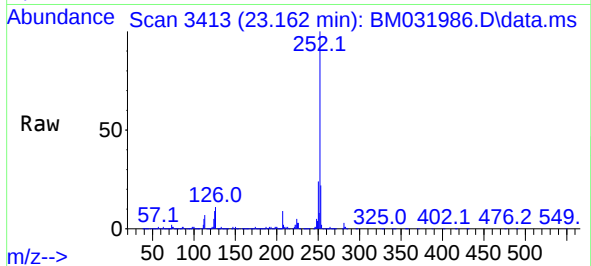
Tgt Ion:252 Resp: 1771461
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.1 7.9 11.9





#93
Benzo(a)pyrene
Concen: 52.402 ng/ul
RT: 23.162 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

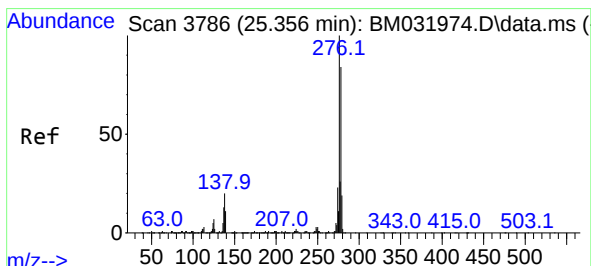
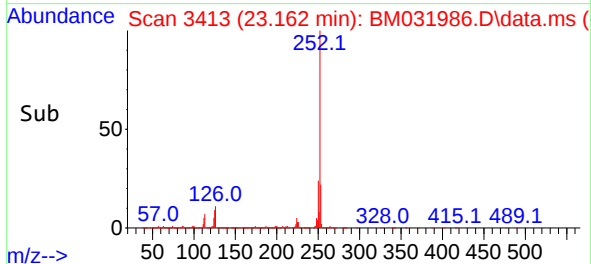
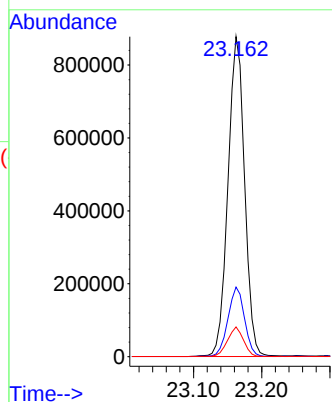
Instrument :
BNA_M
ClientSampled :
SLCS649



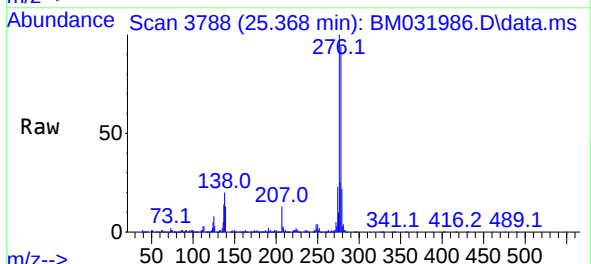
Tgt Ion:252 Resp: 1490418
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.3 8.6 13.0

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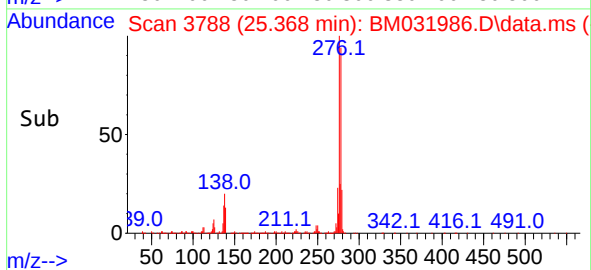
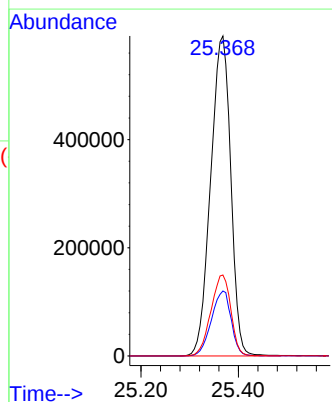
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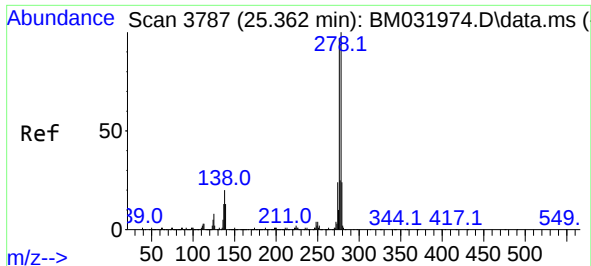


#94
Indeno(1,2,3-cd)pyrene
Concen: 46.465 ng/ul
RT: 25.368 min Scan# 3788
Delta R.T. 0.012 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

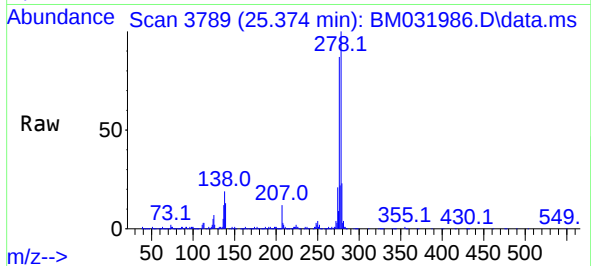


Tgt Ion:276 Resp: 1691407
Ion Ratio Lower Upper
276 100
138 20.3 19.5 29.3
277 25.3 19.6 29.4



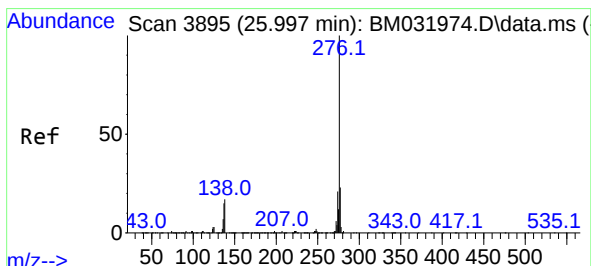
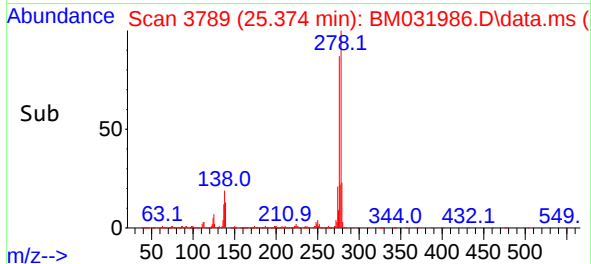
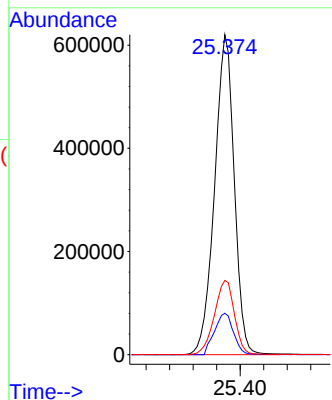


#95
Dibenzo(a,h)anthracene
Concen: 47.039 ng/ul
RT: 25.374 min Scan# 3789
Delta R.T. 0.012 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02

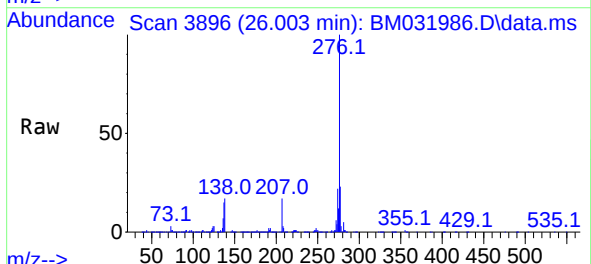


Tgt Ion:278 Resp: 1440079

Ion	Ratio	Lower	Upper
278	100		
139	12.9	12.8	19.2
279	23.2	19.1	28.7

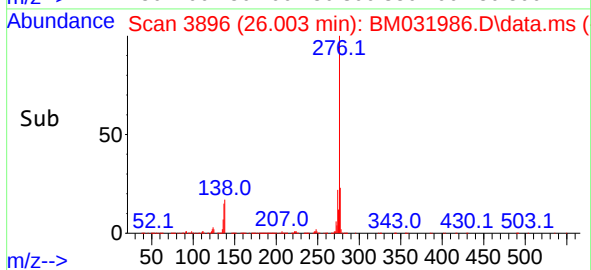
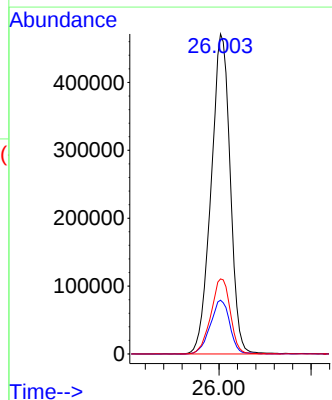


#96
Benzo(g,h,i)perylene
Concen: 44.904 ng/ul
RT: 26.003 min Scan# 3896
Delta R.T. 0.006 min
Lab File: BM031986.D
Acq: 31 Aug 2021 15:02



Tgt Ion:276 Resp: 1353542

Ion	Ratio	Lower	Upper
276	100		
138	16.8	16.5	24.7
277	23.4	18.5	27.7



Instrument :
BNA_M
ClientSampled :
SLCS649

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