

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030829.D
 Acq On : 06 Jul 2021 20:55
 Operator : CG/JU
 Sample : M2905-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK22MSD

Manual Integrations
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Quant Time: Jul 07 01:29:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	80688	20.000	ng/ul	0.00
20) Naphthalene-d8	10.551	136	345373	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	227908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	466025	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	386962	20.000	ng/ul	0.00
88) Perylene-d12	23.550	264	318814	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	9511	4.606	ng/uL	0.00
4) Pyridine-d5	3.687	84	42959	7.956	ng/ul	0.01
7) Phenol-d5	6.934	99	60890	8.636	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	164618	36.248	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	165920	30.674	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	111110	19.665	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	101413	39.479	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	110523	39.323	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	203512	37.626	ng/ul	0.00
31) 4-Chloroaniline-d4	10.686	131	239876	31.229	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	733077	45.945	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	861109	42.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	28860	10.393	ng/ul	0.00
60) Fluorene-d10	15.386	176	626201	44.570	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	131115	43.877	ng/ul	0.00
73) Anthracene-d10	17.233	188	975984	44.942	ng/ul	0.00
81) Pyrene-d10	19.521	212	1034631	48.479	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	767965	46.666	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	11810	5.548	ng/uL	95
5) Pyridine	3.704	79	55233	9.383	ng/ul	99
6) Benzaldehyde	6.916	77	183187m	50.495	ng/ul	
8) Phenol	6.963	94	74850	10.358	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.192	93	225347	40.034	ng/ul	99
12) 2-Chlorophenol	7.334	128	180274	33.268	ng/ul	99
13) 2-Methylphenol	8.204	108	135066	25.710	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.298	45	365888	39.474	ng/ul	99
16) Acetophenone	8.586	105	364258	40.965	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.575	70	198666	44.977	ng/ul	99
18) 4-Methylphenol	8.534	108	130083	22.566	ng/ul	94
19) Hexachloroethane	8.834	117	81237	35.627	ng/ul	99
22) Nitrobenzene	8.963	77	282459	42.765	ng/ul	97
23) Isophorone	9.486	82	524393	45.494	ng/ul	100
25) 2-Nitrophenol	9.675	139	131263	43.561	ng/ul	95
26) 2,4-Dimethylphenol	9.728	107	204412	32.709	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.969	93	319778	43.839	ng/ul	98
29) 2,4-Dichlorophenol	10.198	162	210874	40.196	ng/ul	98
30) Naphthalene	10.598	128	710657	40.919	ng/ul	99
32) 4-Chloroaniline	10.710	127	273008	35.428	ng/ul	99
33) Hexachlorobutadiene	10.880	225	135860	38.096	ng/ul	98
34) Caprolactam	11.510	113	9025m	5.947	ng/ul	
35) 4-Chloro-3-methylphenol	11.833	107	215527	40.538	ng/ul	99
36) 2-Methylnaphthalene	12.210	142	541580	43.737	ng/ul	100

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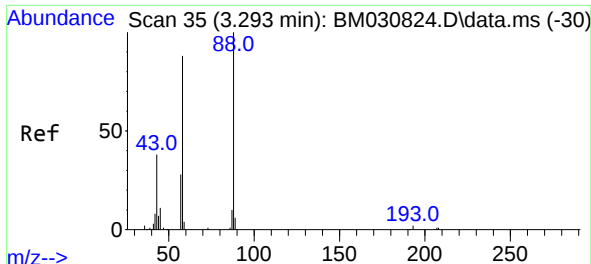
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	522887	41.655	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.586	216	293947	42.519	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	121663	28.951	ng/ul	99
41) 2,4,6-Trichlorophenol	12.821	196	202432	46.413	ng/ul	98
42) 2,4,5-Trichlorophenol	12.892	196	218936	47.359	ng/ul	99
43) 1,1'-Biphenyl	13.227	154	723922	43.592	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	558888	43.003	ng/ul	99
45) 2-Nitroaniline	13.480	65	195488	53.531	ng/ul	97
47) Dimethylphthalate	13.857	163	790680	50.583	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	168477	55.961	ng/ul	97
50) Acenaphthylene	14.116	152	892589	47.405	ng/ul	99
51) 3-Nitroaniline	14.310	138	151245	48.084	ng/ul	97
52) Acenaphthene	14.463	153	630110	45.874	ng/ul	99
53) 2,4-Dinitrophenol	14.515	184	86041	47.960	ng/ul	100
55) 4-Nitrophenol	14.615	109	28547	12.113	ng/ul	95
56) Dibenzofuran	14.792	168	907797	46.937	ng/ul	100
57) 2,4-Dinitrotoluene	14.768	165	240011	57.182	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.021	232	204851	53.294	ng/ul	96
59) Diethylphthalate	15.215	149	824365	53.136	ng/ul	99
61) Fluorene	15.445	166	784528	49.248	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.439	204	396875	49.501	ng/ul	99
63) 4-Nitroaniline	15.468	138	166752	55.651	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.533	198	140928	48.852	ng/ul#	97
67) N-Nitrosodiphenylamine	15.651	169	664222	47.810	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	241084	49.120	ng/ul	98
69) Hexachlorobenzene	16.445	284	278543	50.004	ng/ul	98
70) Atrazine	16.604	200	253296	51.190	ng/ul	100
71) Pentachlorophenol	16.786	266	165474	48.884	ng/ul	99
72) Phenanthrene	17.180	178	1239355	49.839	ng/ul	100
74) Anthracene	17.268	178	1261915	49.390	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	281422	38.951	ng/uL	99
76) Pentachlorobenzene	14.715	250	298323	42.197	ng/uL	99
77) Carbazole	17.539	167	1124928	50.649	ng/ul	100
78) Di-n-butylphthalate	18.098	149	1410364	55.099	ng/ul	100
80) Fluoranthene	19.192	202	1399505	53.182	ng/ul	97
82) Pyrene	19.550	202	1432469	52.522	ng/ul	99
83) Butylbenzylphthalate	20.445	149	534879	57.372	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	319422	45.236	ng/ul	100
85) Benzo(a)anthracene	21.292	228	1210047	50.015	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.215	149	799268	58.154	ng/ul	98
87) Chrysene	21.339	228	1172600	49.258	ng/ul	99
89) Di-n-octyl phthalate	22.091	149	1123422	56.741	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1079175	52.548	ng/ul	99
91) Benzo(k)fluoranthene	22.921	252	1015920	50.894	ng/ul	99
93) Benzo(a)pyrene	23.456	252	902638	49.667	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.827	276	1124628	49.758	ng/ul	99
95) Dibenzo(a,h)anthracene	25.832	278	948377	50.044	ng/ul	99
96) Benzo(g,h,i)perylene	26.521	276	903227	49.844	ng/ul	99

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



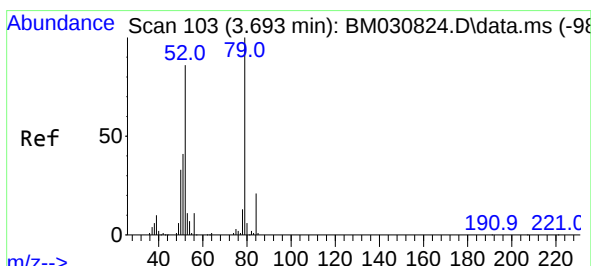
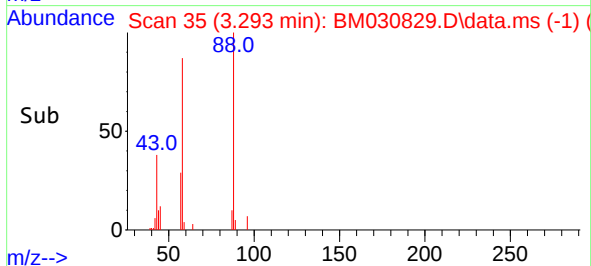
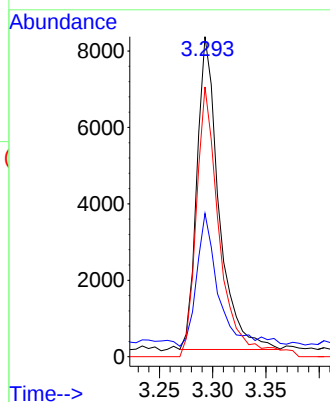
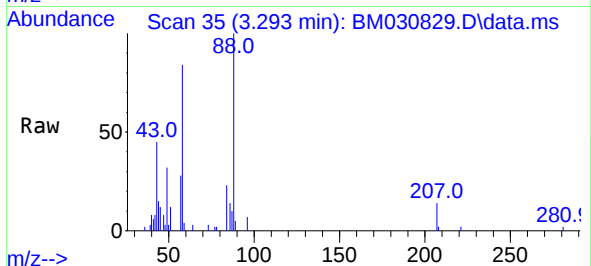
1,4-Dioxane
Concen: 5.548 ng/uL
RT: 3.293 min Scan# 35
Delta R.T. 0.001 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:	88	Resp:	11810
Ion	Ratio	Lower	Upper
88	100		
43	44.8	31.3	46.9
58	84.3	65.3	97.9

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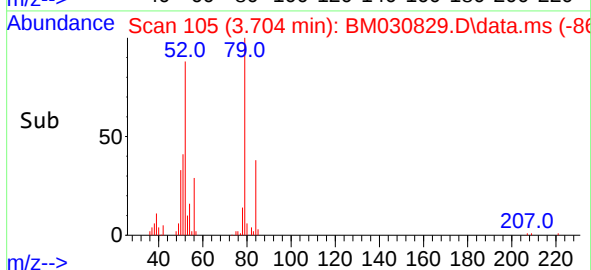
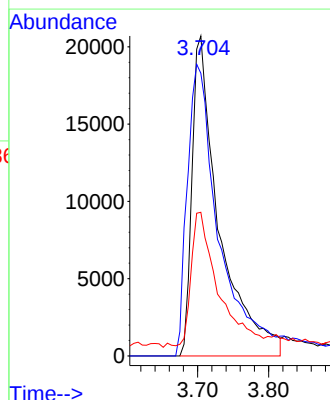
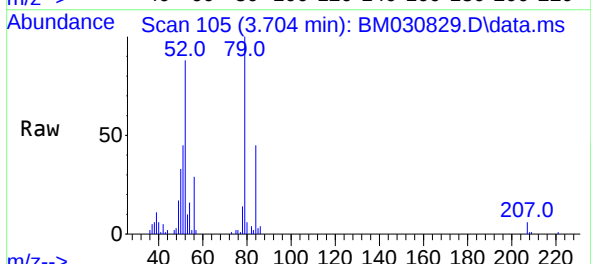
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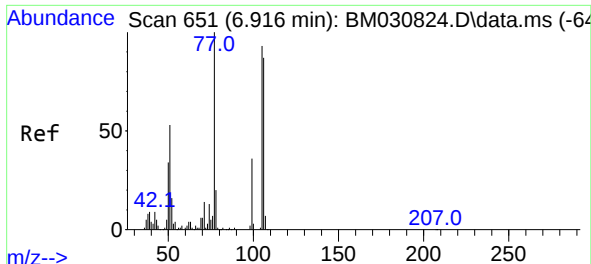
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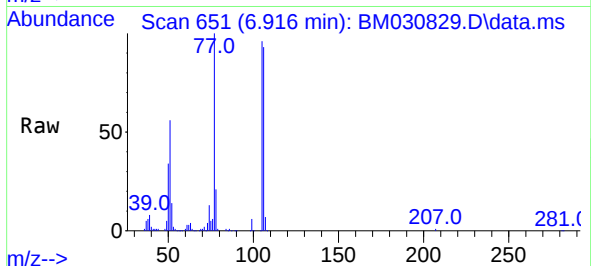
Pyridine
Concen: 9.383 ng/uL
RT: 3.704 min Scan# 105
Delta R.T. 0.012 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:	79	Resp:	55233
Ion	Ratio	Lower	Upper
79	100		
52	88.4	72.0	108.0
51	44.9	36.0	54.0



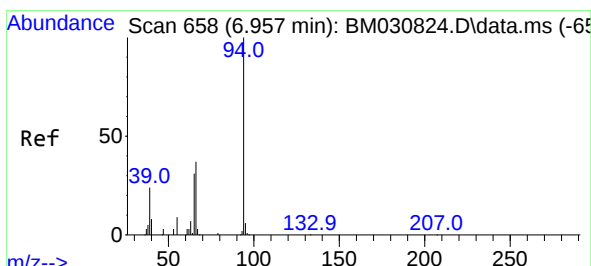
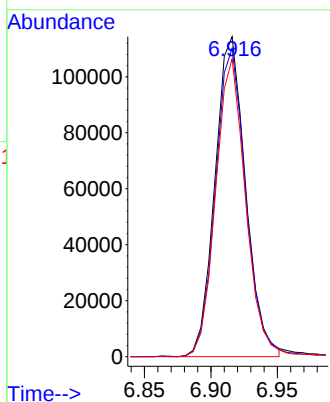
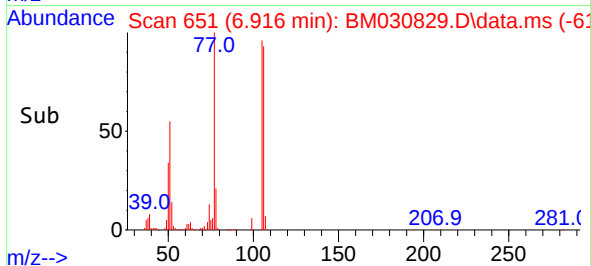


#6
Benzaldehyde
Concen: 50.495 ng/ul m
RT: 6.916 min Scan# 651
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

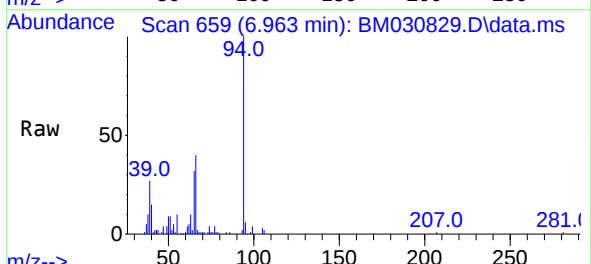


Tgt Ion: 77 Resp: 183187

Ion	Ratio	Lower	Upper
77	100		
105	96.3	75.3	112.9
106	93.1	71.4	107.0

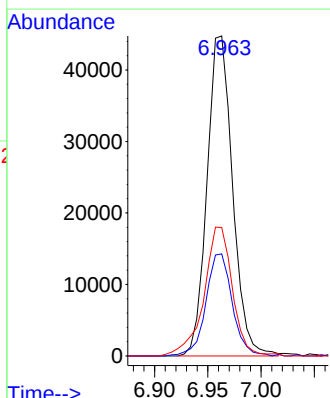
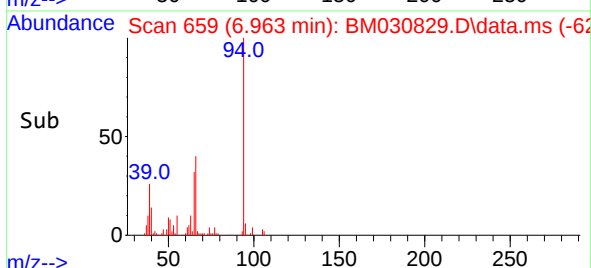


#8
Phenol
Concen: 10.358 ng/ul
RT: 6.963 min Scan# 659
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



Tgt Ion: 94 Resp: 74850

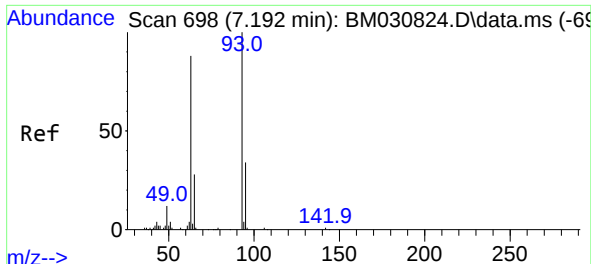
Ion	Ratio	Lower	Upper
94	100		
65	31.9	25.0	37.4
66	40.2	31.4	47.2



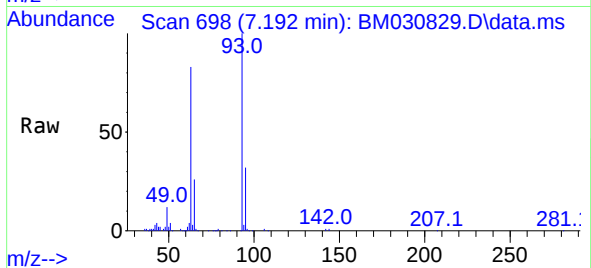
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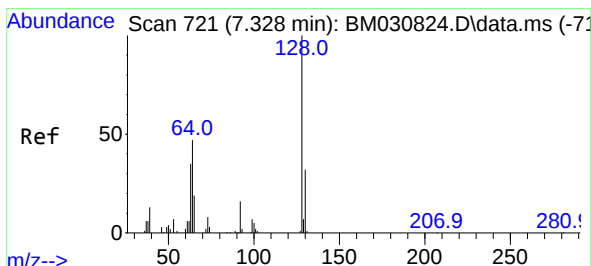
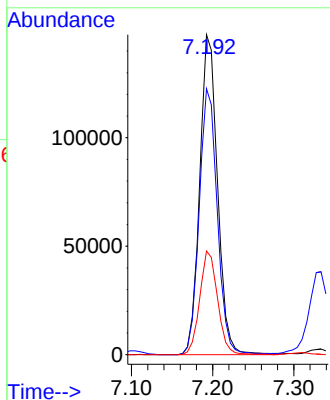
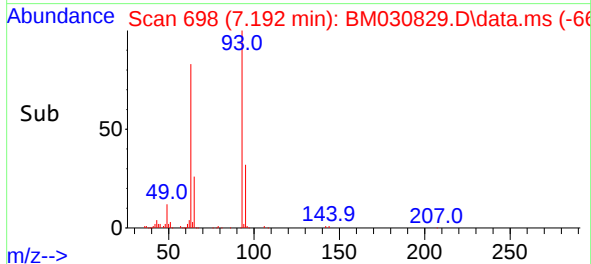


#10
Bis(2-Chloroethyl)ether
Concen: 40.034 ng/ul
RT: 7.192 min Scan# 698
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

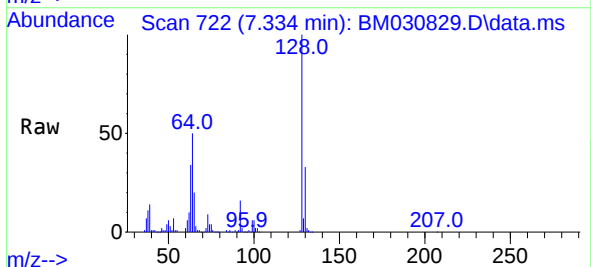


Tgt Ion: 93 Resp: 225347

Ion	Ratio	Lower	Upper
93	100		
63	83.1	67.1	100.7
95	32.4	25.5	38.3

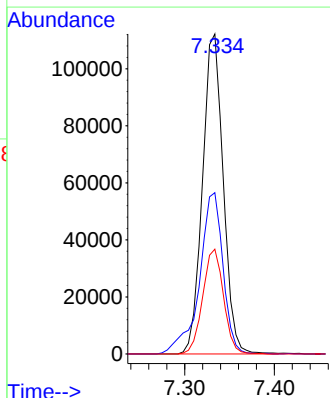
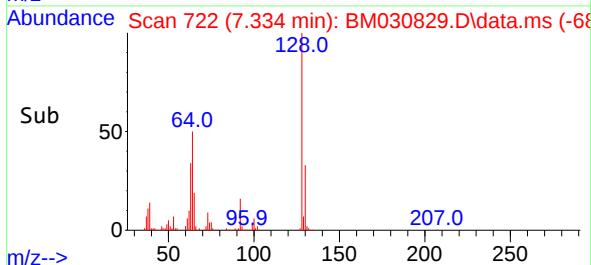


#12
2-Chlorophenol
Concen: 33.268 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



Tgt Ion: 128 Resp: 180274

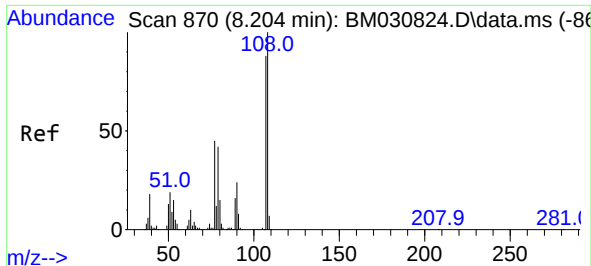
Ion	Ratio	Lower	Upper
128	100		
64	50.4	40.1	60.1
130	32.7	26.5	39.7



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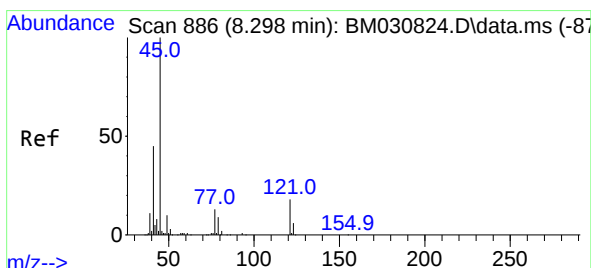
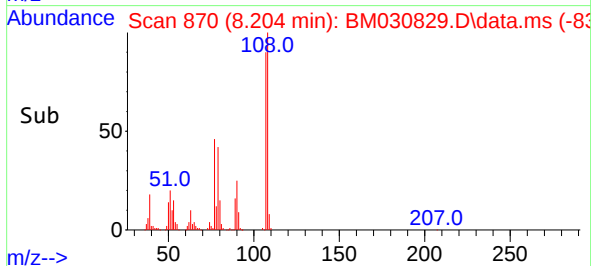
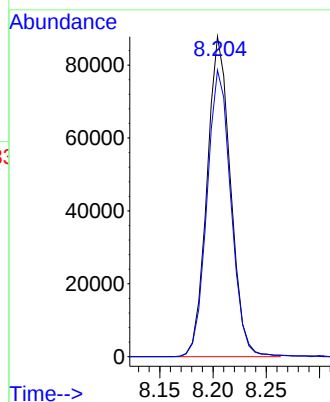
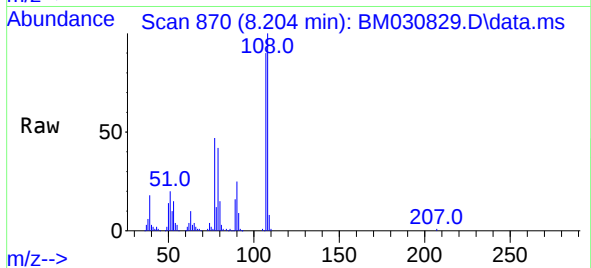
#13
2-Methylphenol
Concen: 25.710 ng/ul
RT: 8.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion: 108 Resp: 135066
Ion Ratio Lower Upper
108 100
107 89.5 73.0 109.6

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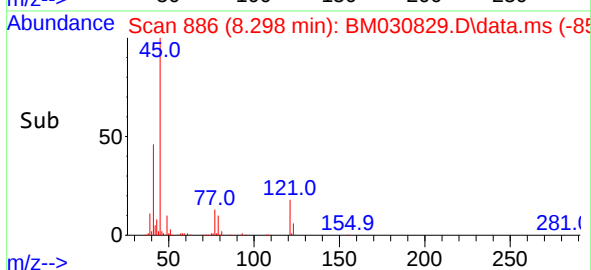
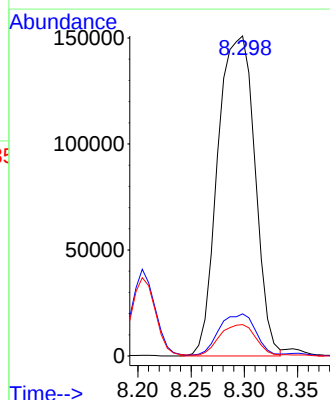
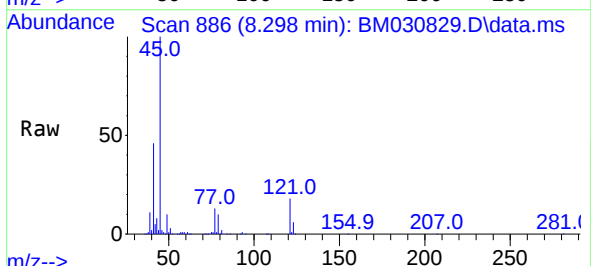
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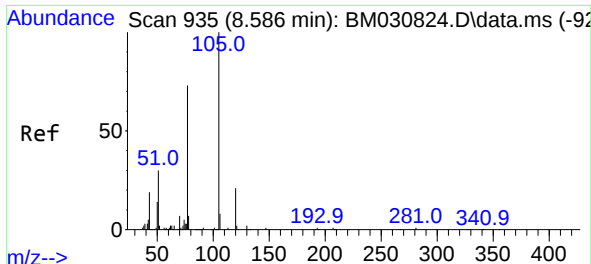
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.474 ng/ul
RT: 8.298 min Scan# 886
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

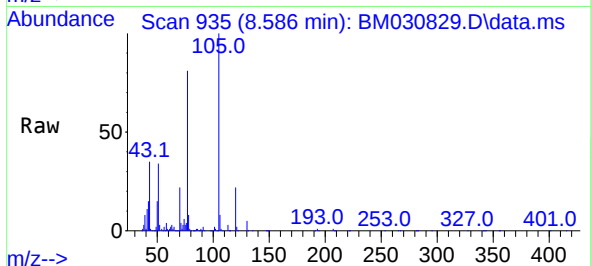
Tgt Ion: 45 Resp: 365888
Ion Ratio Lower Upper
45 100
77 13.2 9.8 14.8
79 9.8 8.0 12.0





#16
Acetophenone
Concen: 40.965 ng/ul
RT: 8.586 min Scan# 935
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

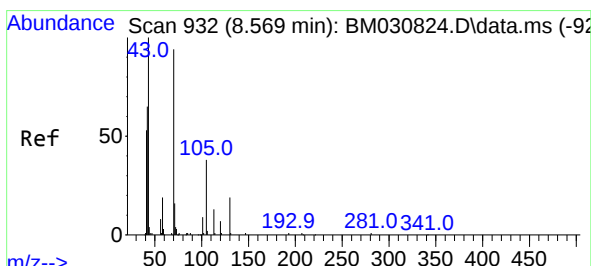
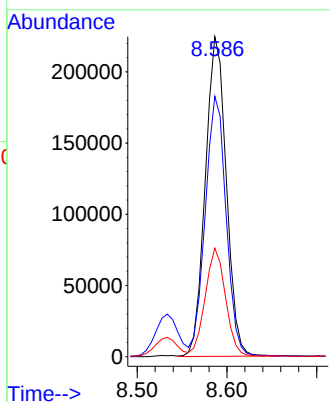
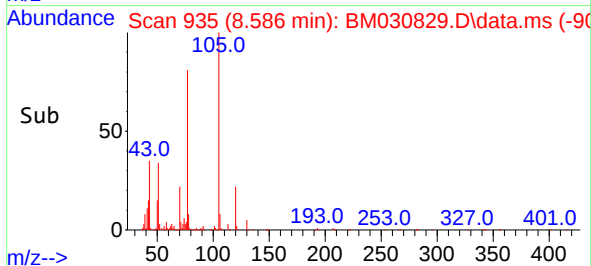
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ClientSampleId :
DBK22MSD



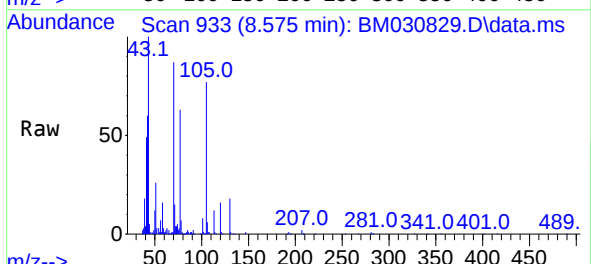
Tgt Ion: 105 Resp: 364258
Ion Ratio Lower Upper
105 100
77 81.3 66.2 99.4
51 33.9 26.1 39.1

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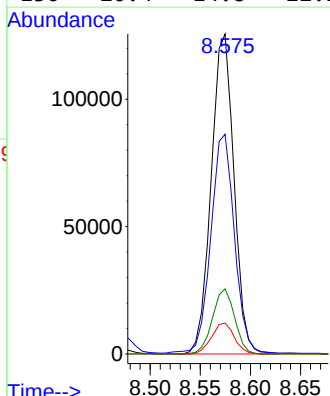
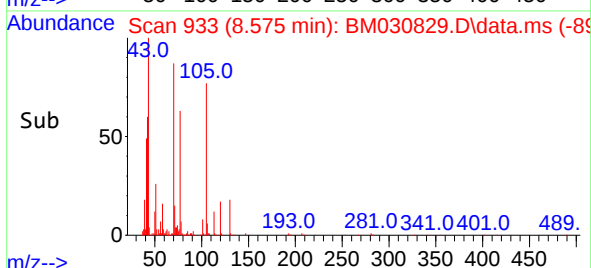
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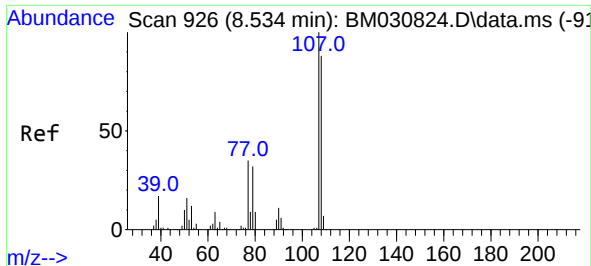


#17
N-Nitroso-di-n-propylamine
Concen: 44.977 ng/ul
RT: 8.575 min Scan# 933
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

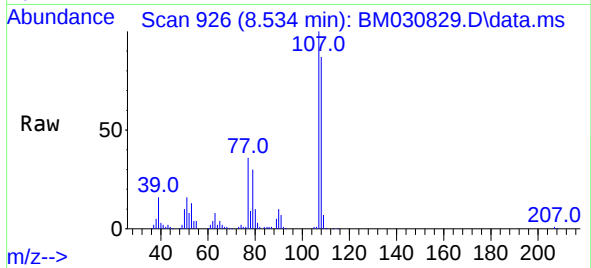


Tgt Ion: 70 Resp: 198666
Ion Ratio Lower Upper
70 100
42 68.6 55.4 83.0
101 9.7 7.6 11.4
130 20.4 14.8 22.2

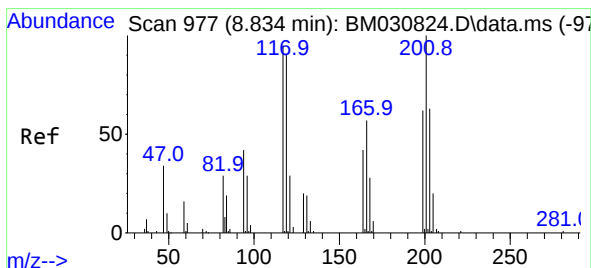
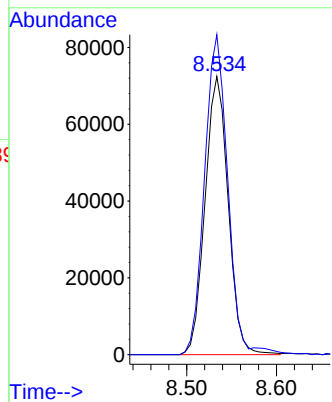
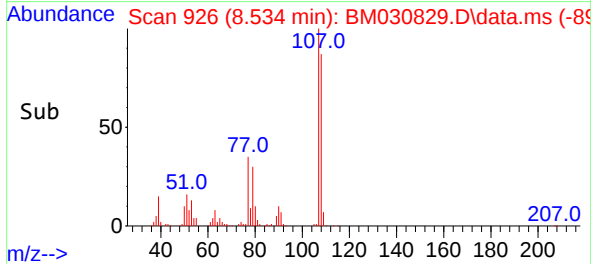




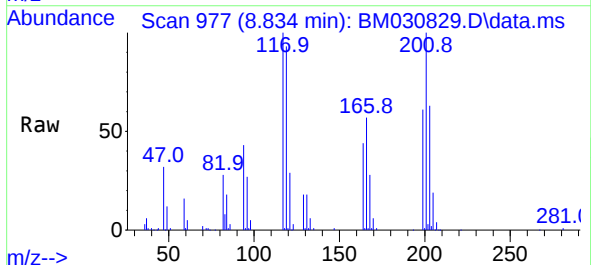
#18
4-Methylphenol
Concen: 22.566 ng/ul
RT: 8.534 min Scan# 926
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



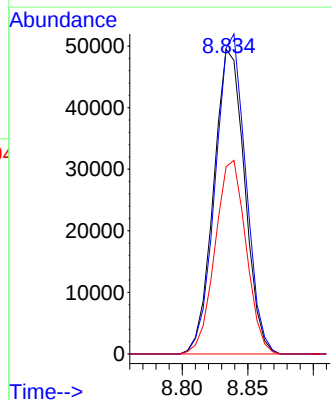
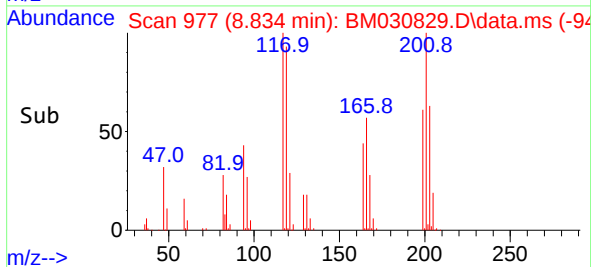
Tgt Ion:108 Resp: 130083
Ion Ratio Lower Upper
108 100
107 115.0 87.2 130.8



#19
Hexachloroethane
Concen: 35.627 ng/ul
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



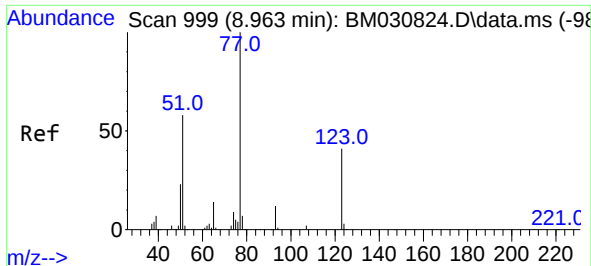
Tgt Ion:117 Resp: 81237
Ion Ratio Lower Upper
117 100
201 100.4 78.8 118.2
199 61.5 49.2 73.8



Instrument :
BNA_M
ClientSampleId :
DBK22MSD

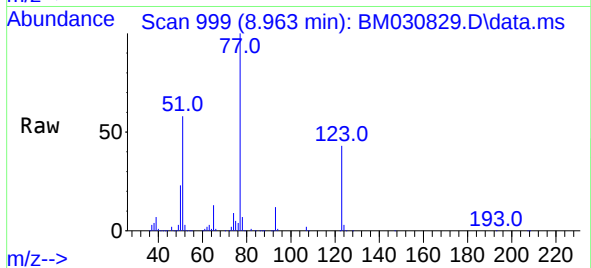
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#22
Nitrobenzene
Concen: 42.765 ng/ul
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

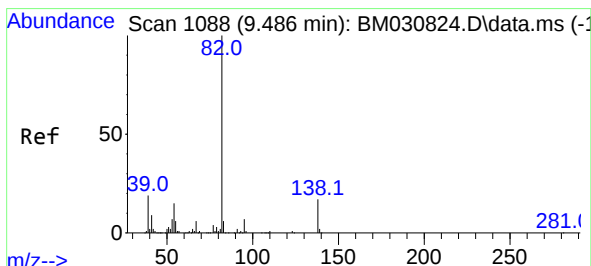
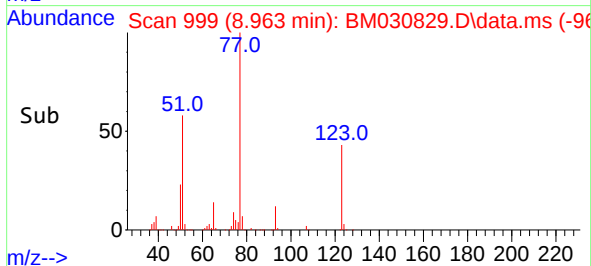
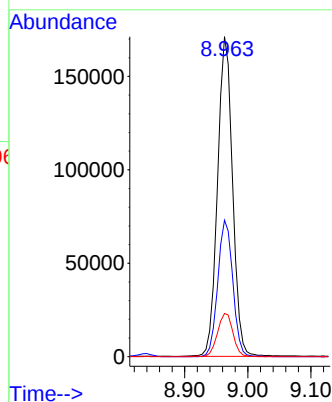
Instrument :
BNA_M
ClientSampled :
DBK22MSD



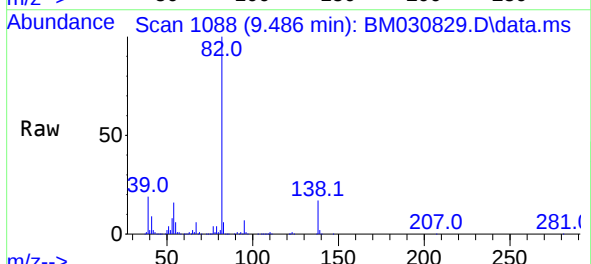
Tgt Ion: 77 Resp: 282459
Ion Ratio Lower Upper
77 100
123 42.6 32.2 48.4
65 13.5 11.1 16.7

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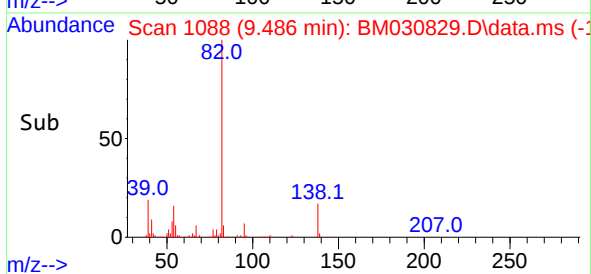
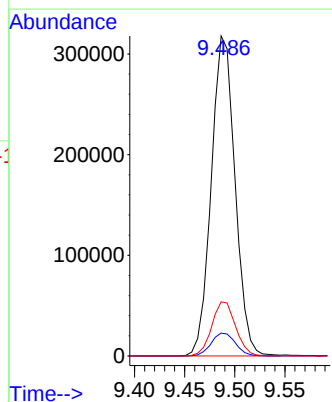
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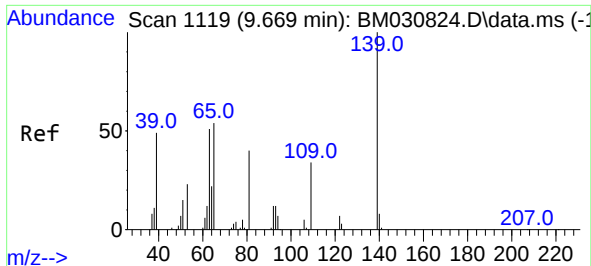


#23
Isophorone
Concen: 45.494 ng/ul
RT: 9.486 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



Tgt Ion: 82 Resp: 524393
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.9 13.4 20.2





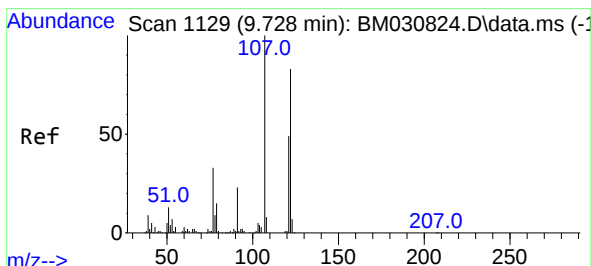
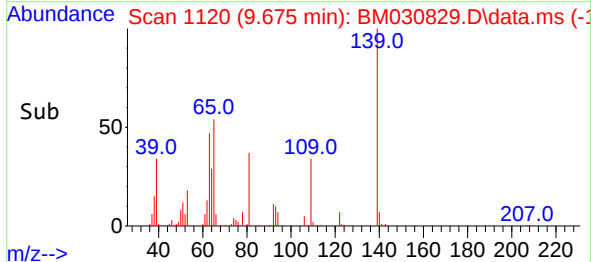
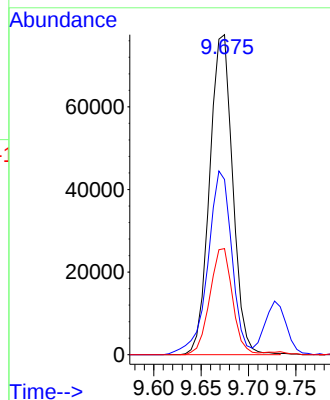
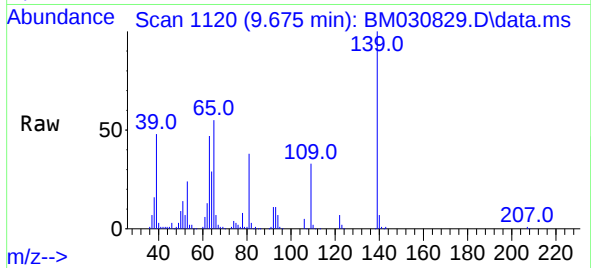
#25
2-Nitrophenol
Concen: 43.561 ng/ul
RT: 9.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:139 Resp: 131263
Ion Ratio Lower Upper
139 100
65 54.7 48.0 72.0
109 33.2 26.5 39.7

Instrument :
BNA_M
ClientSampled :
DBK22MSD

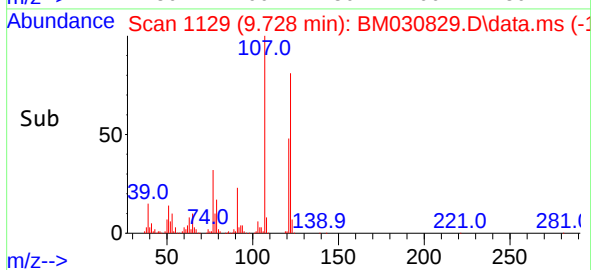
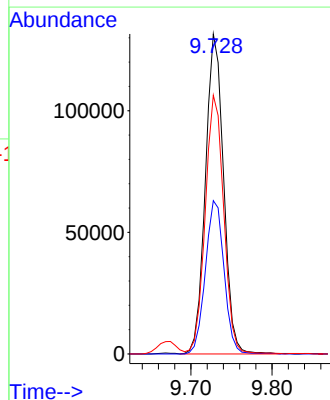
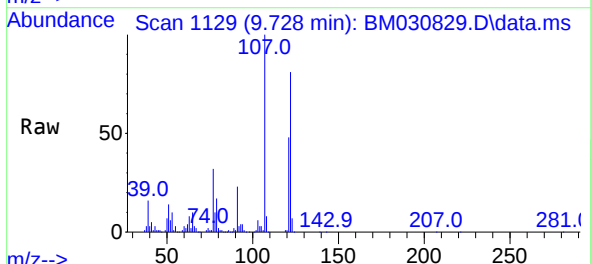
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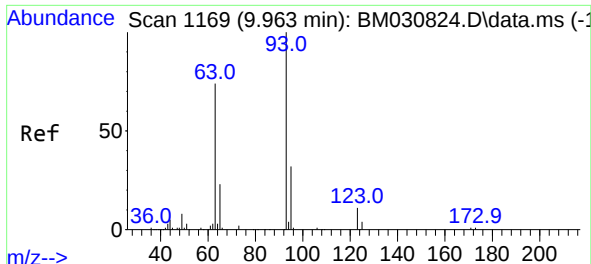
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#26
2,4-Dimethylphenol
Concen: 32.709 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

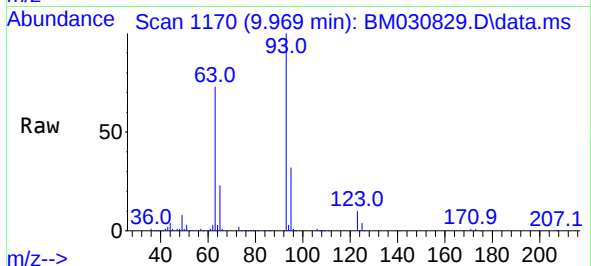
Tgt Ion:107 Resp: 204412
Ion Ratio Lower Upper
107 100
121 47.9 41.2 61.8
122 80.9 66.6 99.8





#27
 Bis(2-Chloroethoxy)methane
 Concen: 43.839 ng/ul
 RT: 9.969 min Scan# 1170
 Delta R.T. -0.000 min
 Lab File: BM030829.D
 Acq: 06 Jul 2021 20:55

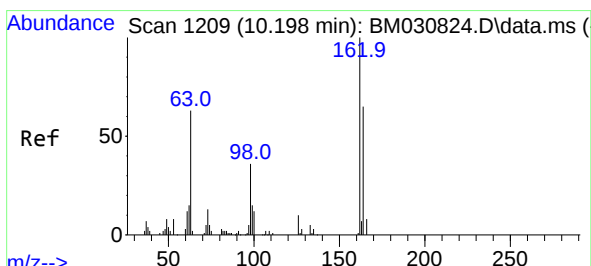
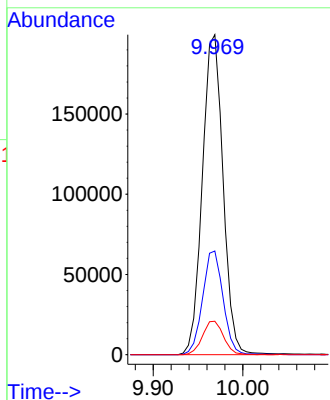
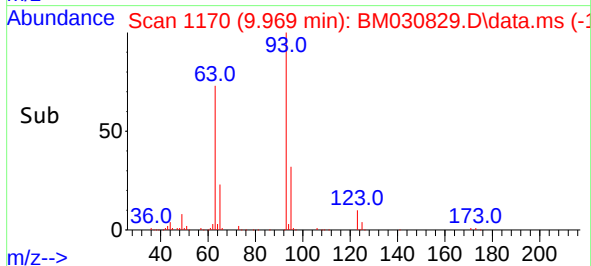
Instrument :
 BNA_M
 ClientSampled :
 DBK22MSD



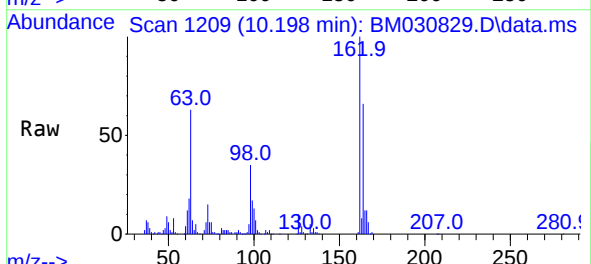
Tgt Ion: 93 Resp: 319778
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 39.8
 123 10.5 9.2 13.8

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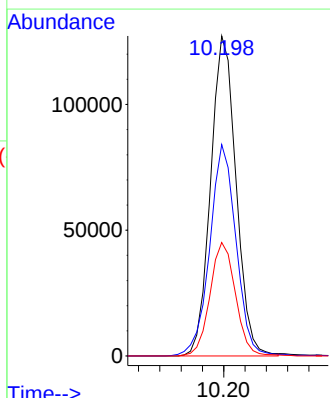
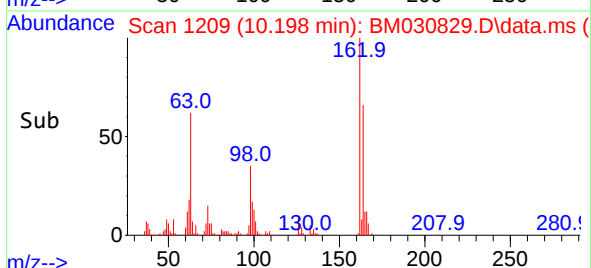
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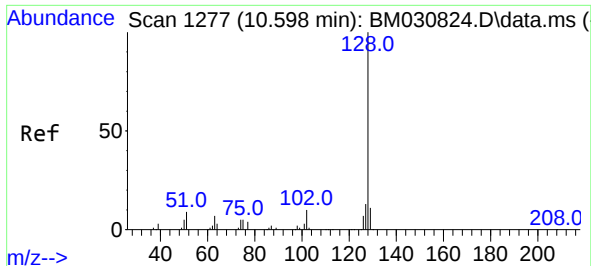


#29
 2,4-Dichlorophenol
 Concen: 40.196 ng/ul
 RT: 10.198 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BM030829.D
 Acq: 06 Jul 2021 20:55



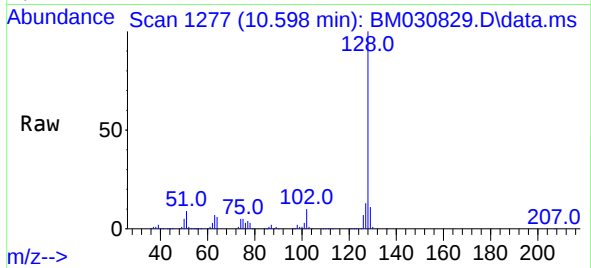
Tgt Ion: 162 Resp: 210874
 Ion Ratio Lower Upper
 162 100
 164 66.1 51.6 77.4
 98 35.4 29.0 43.4





#30
Naphthalene
Concen: 40.919 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

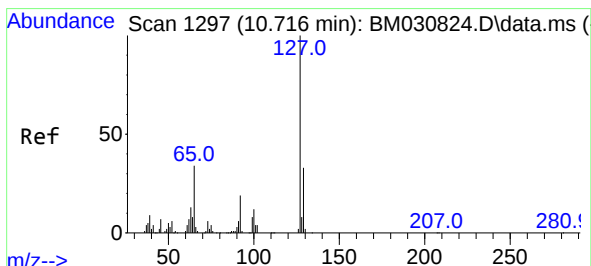
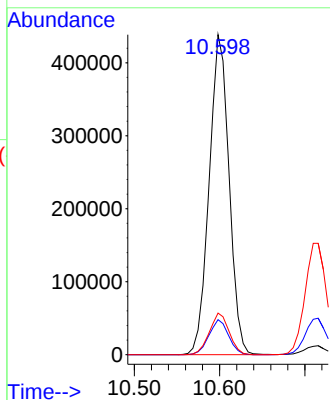
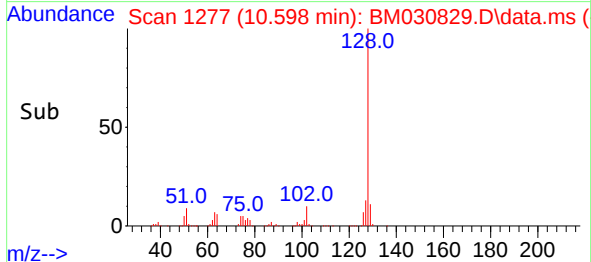
Instrument :
BNA_M
ClientSampled :
DBK22MSD



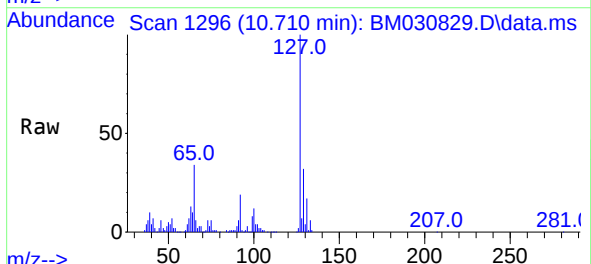
Tgt Ion:128 Resp: 710657
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.3 15.5

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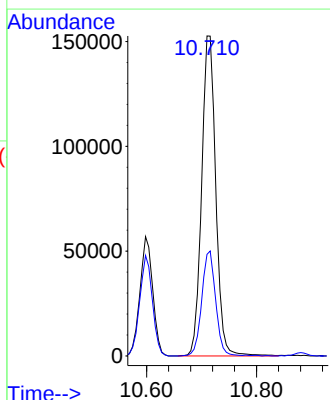
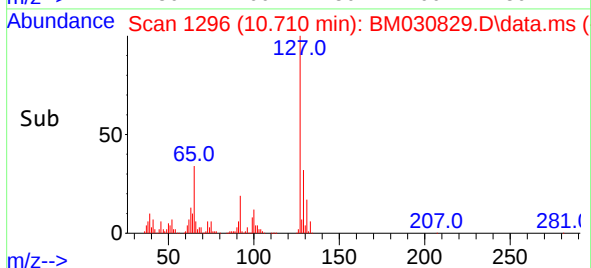
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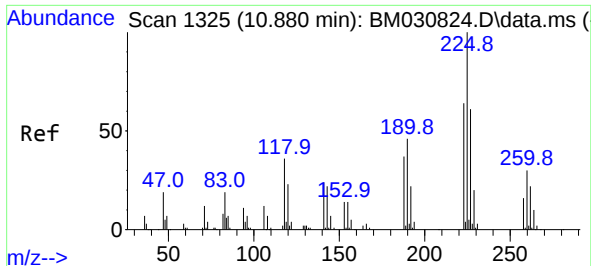


#32
4-Chloroaniline
Concen: 35.428 ng/ul
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

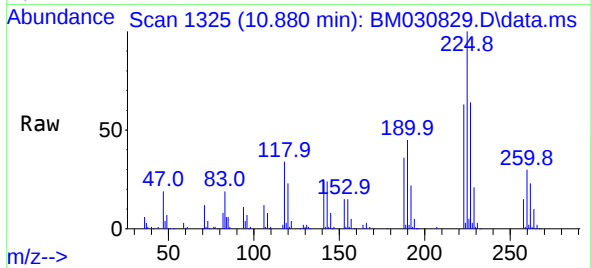


Tgt Ion:127 Resp: 273008
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8

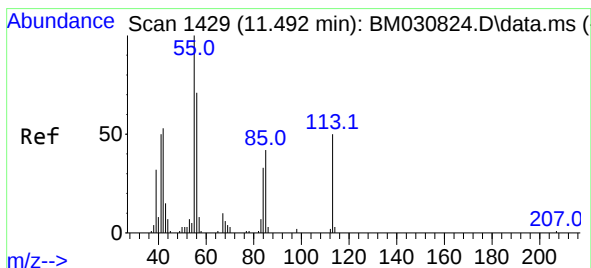
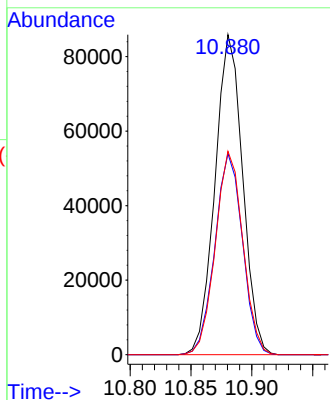
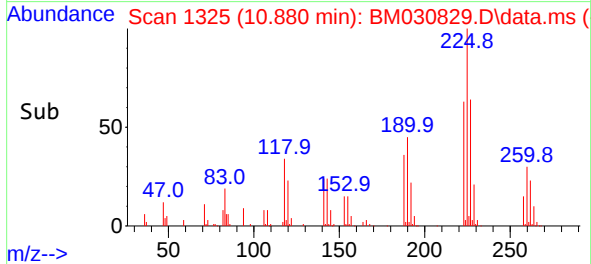




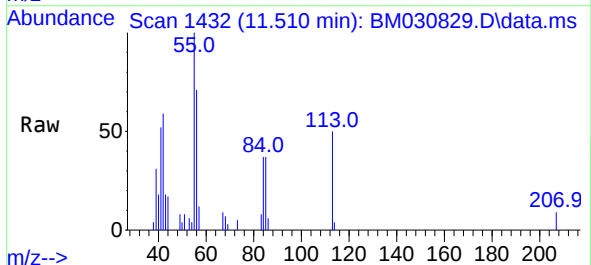
#33
Hexachlorobutadiene
Concen: 38.096 ng/ul
RT: 10.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



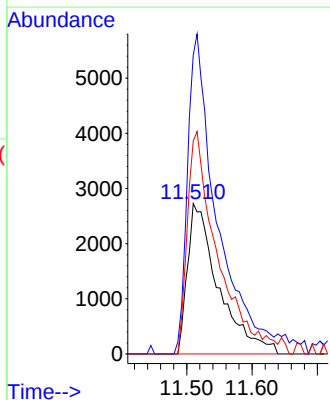
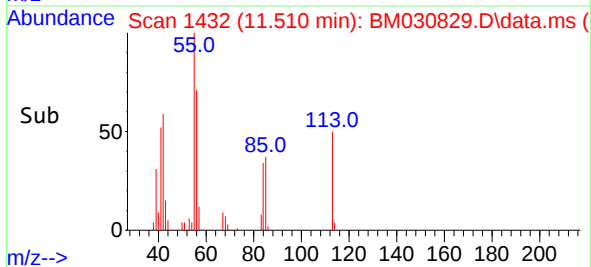
Tgt Ion:225 Resp: 135860
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 63.5 53.0 79.4



#34
Caprolactam
Concen: 5.947 ng/ul m
RT: 11.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



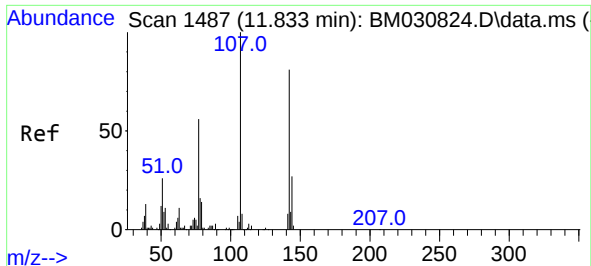
Tgt Ion:113 Resp: 9025
Ion Ratio Lower Upper
113 100
55 198.7 156.6 234.8
56 141.6 108.2 162.2



Instrument :
BNA_M
ClientSampleId :
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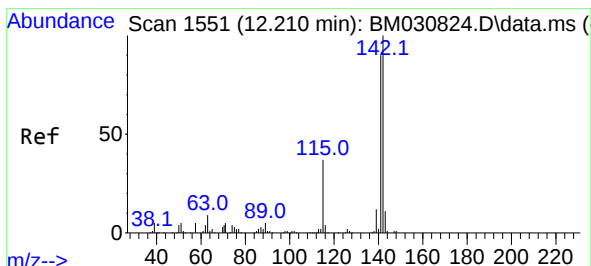
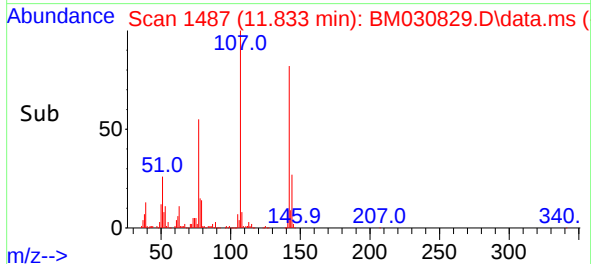
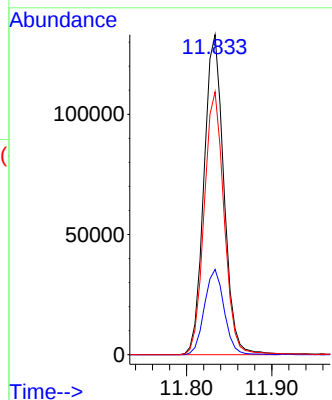
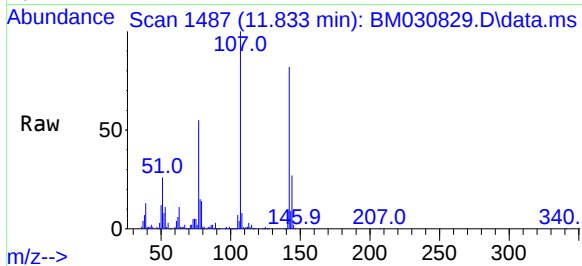
#35
4-Chloro-3-methylphenol
Concen: 40.538 ng/ul
RT: 11.833 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:107 Resp: 215527
Ion Ratio Lower Upper
107 100
144 26.7 20.9 31.3
142 82.1 66.1 99.1

Instrument :
BNA_M
ClientSampleId :
DBK22MSD

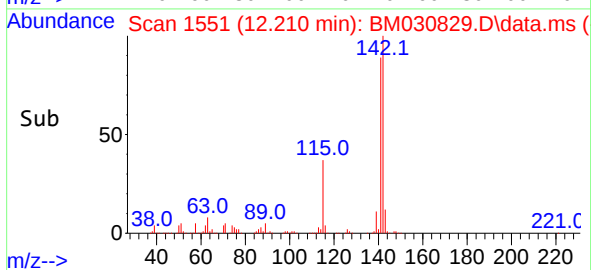
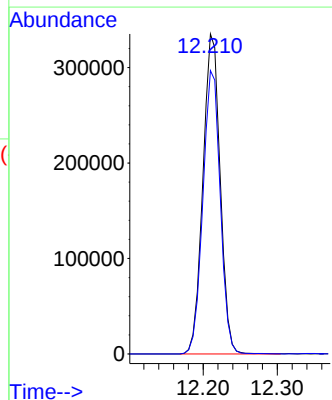
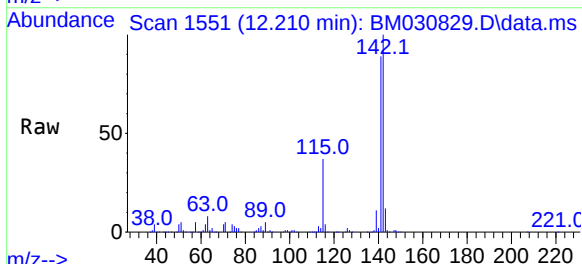
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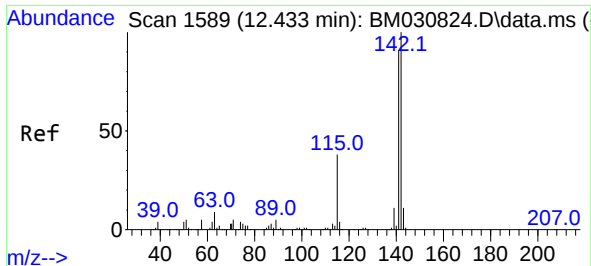
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#36
2-Methylnaphthalene
Concen: 43.737 ng/ul
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

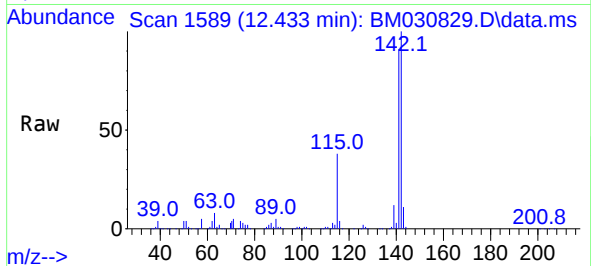
Tgt Ion:142 Resp: 541580
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6





#37
1-Methylnaphthalene
Concen: 41.655 ng/ul
RT: 12.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

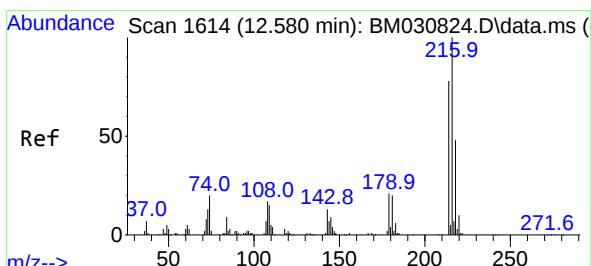
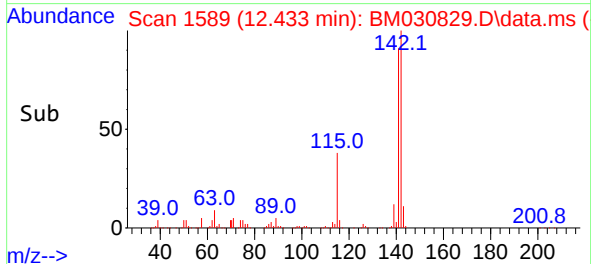
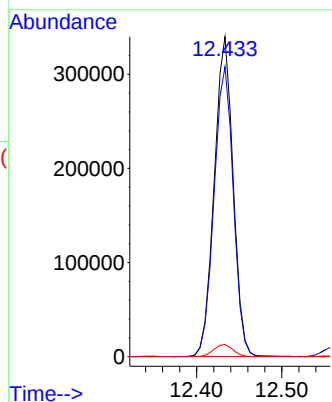
Instrument :
BNA_M
ClientSampleId :
DBK22MSD



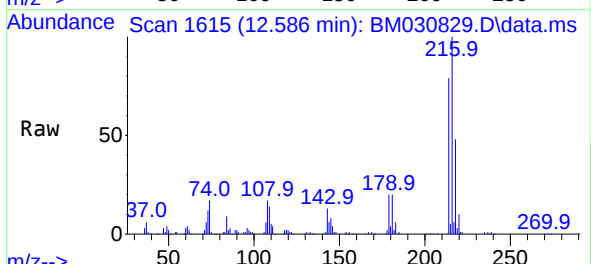
Tgt Ion:142 Resp: 522887
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 3.8 3.2 4.8

Manual Integrations
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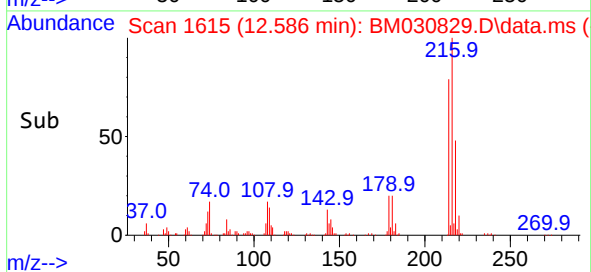
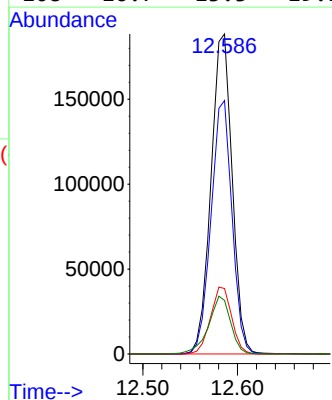
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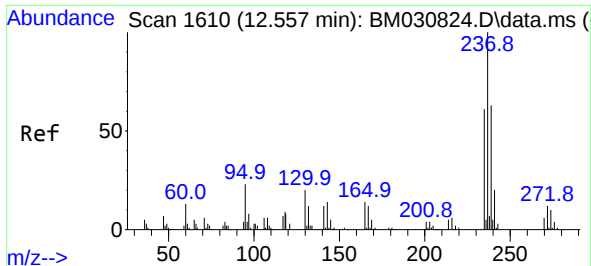


#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.519 ng/ul
RT: 12.586 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

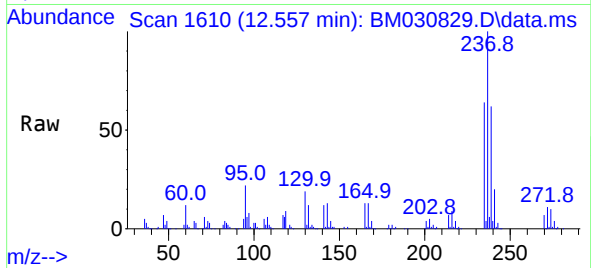


Tgt Ion:216 Resp: 293947
Ion Ratio Lower Upper
216 100
214 79.2 62.6 93.8
179 20.4 15.8 23.6
108 16.7 13.3 19.9

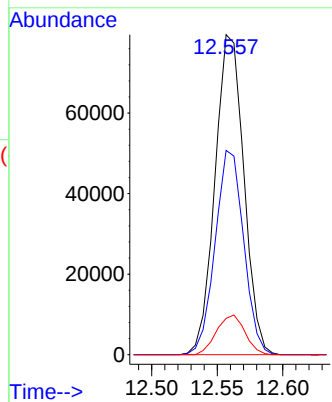
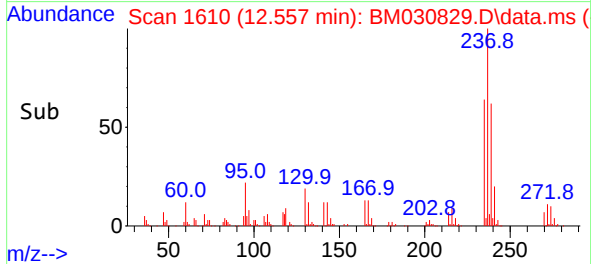




#40
Hexachlorocyclopentadiene
Concen: 28.951 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



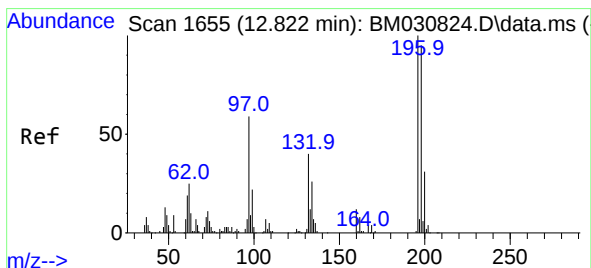
Tgt Ion:237 Resp: 121663
Ion Ratio Lower Upper
237 100
235 63.8 50.9 76.3
272 12.0 10.6 15.8



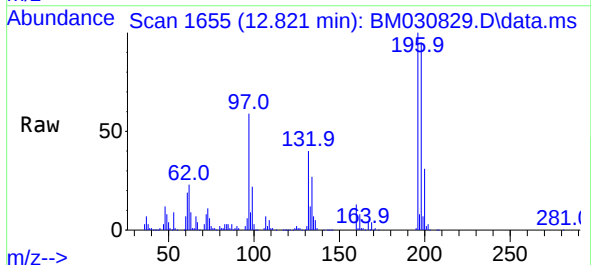
Instrument :
BNA_M
ClientSampled :
DBK22MSD

Manual Integrations
APPROVED

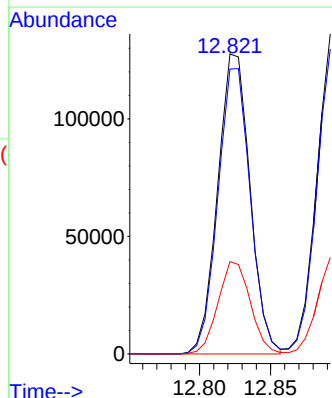
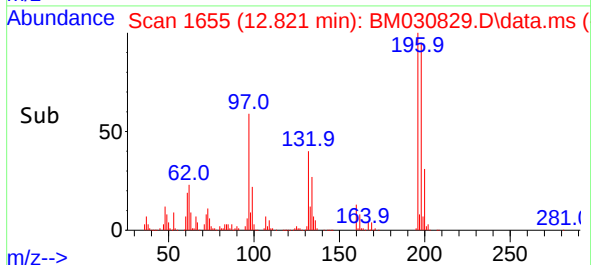
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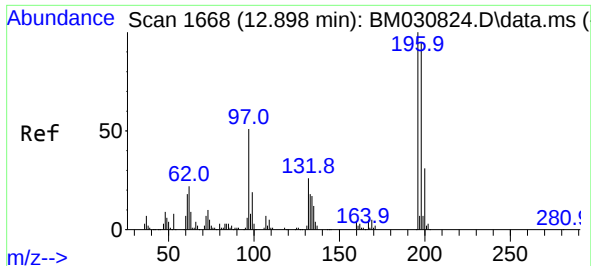


#41
2,4,6-Trichlorophenol
Concen: 46.413 ng/ul
RT: 12.821 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



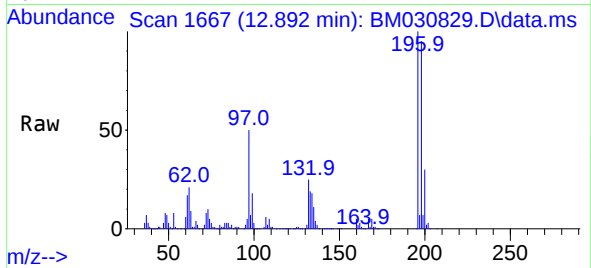
Tgt Ion:196 Resp: 202432
Ion Ratio Lower Upper
196 100
198 95.0 78.2 117.4
200 30.8 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 47.359 ng/ul
RT: 12.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

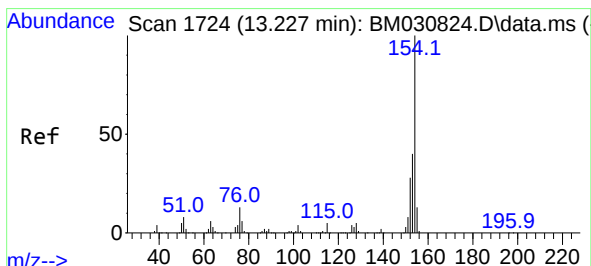
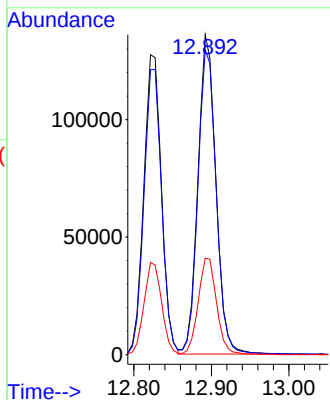
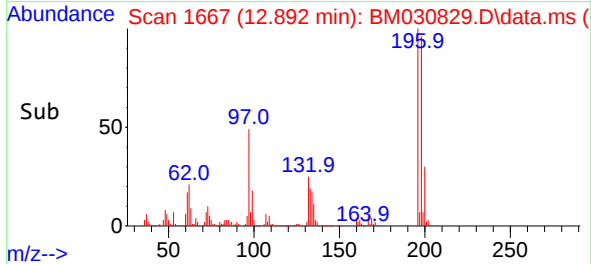
Instrument :
BNA_M
ClientSampleId :
DBK22MSD



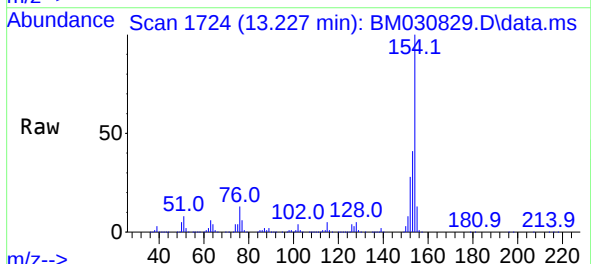
Tgt Ion:196 Resp: 218936
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
200 30.2 25.7 38.5

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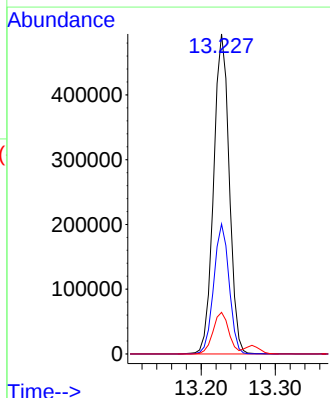
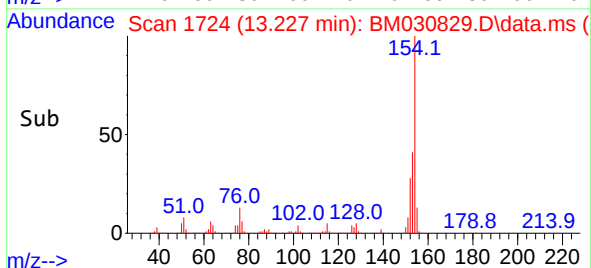
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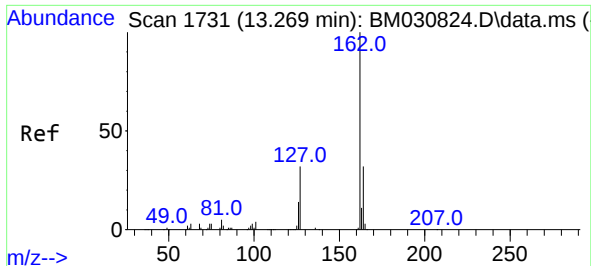


#43
1,1'-Biphenyl
Concen: 43.592 ng/ul
RT: 13.227 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



Tgt Ion:154 Resp: 723922
Ion Ratio Lower Upper
154 100
153 40.6 31.9 47.9
76 13.0 10.5 15.7





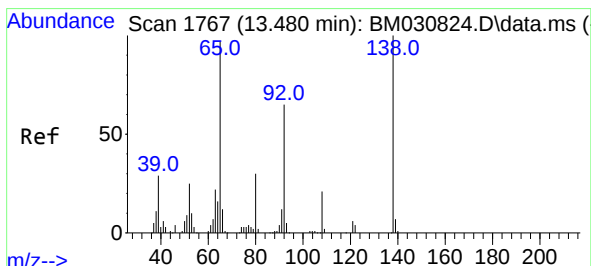
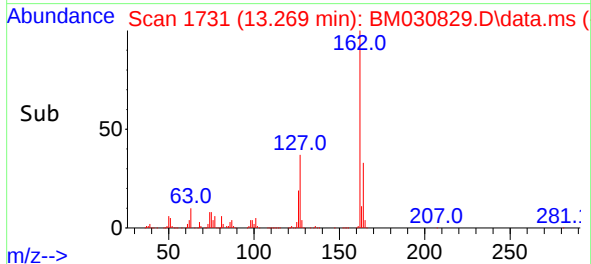
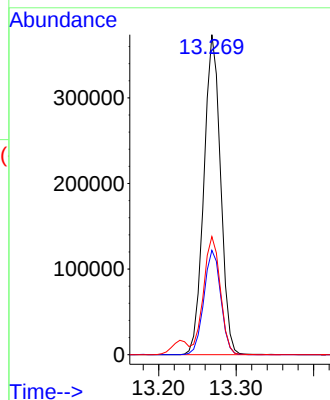
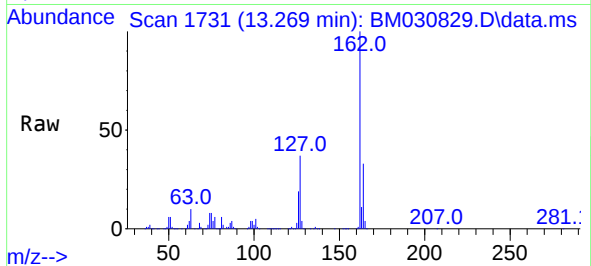
#44
2-Chloronaphthalene
Concen: 43.003 ng/ul
RT: 13.269 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:162 Resp: 558888
Ion Ratio Lower Upper
162 100
164 32.6 26.3 39.5
127 36.9 30.3 45.5

Instrument :
BNA_M
ClientSampled :
DBK22MSD

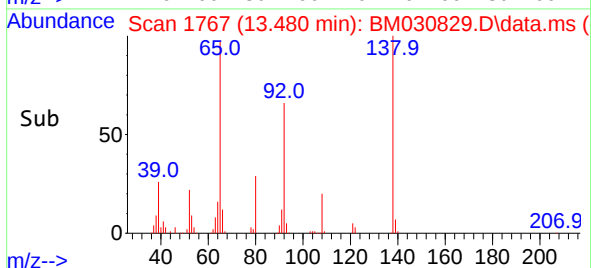
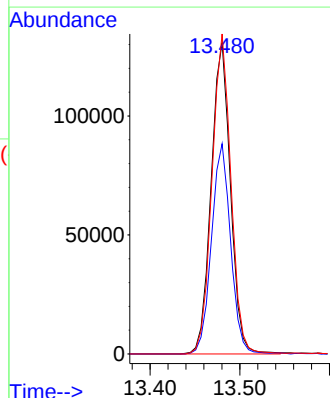
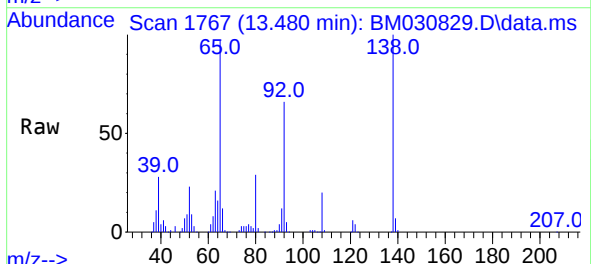
Manual Integrations
APPROVED

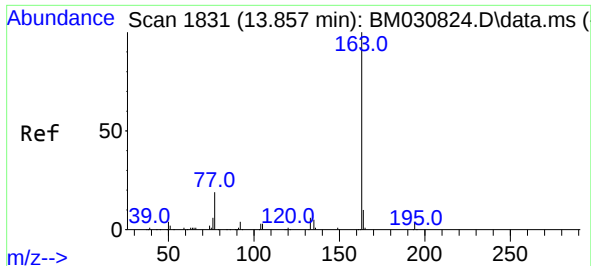
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#45
2-Nitroaniline
Concen: 53.531 ng/ul
RT: 13.480 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion: 65 Resp: 195488
Ion Ratio Lower Upper
65 100
92 67.6 52.2 78.2
138 102.8 79.3 118.9





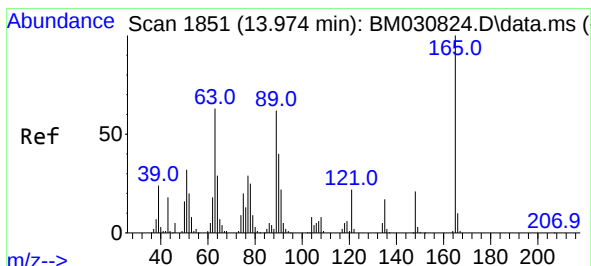
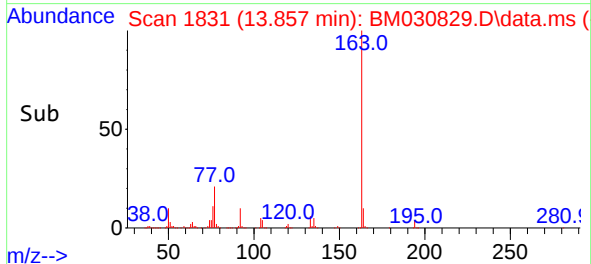
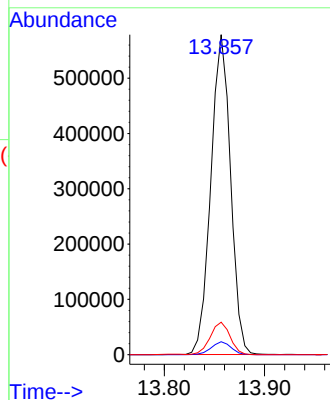
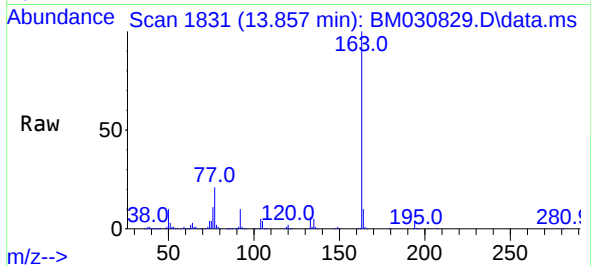
#47
Dimethylphthalate
Concen: 50.583 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:163 Resp: 790680
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 7.8 11.8

Instrument :
BNA_M
ClientSampleId :
DBK22MSD

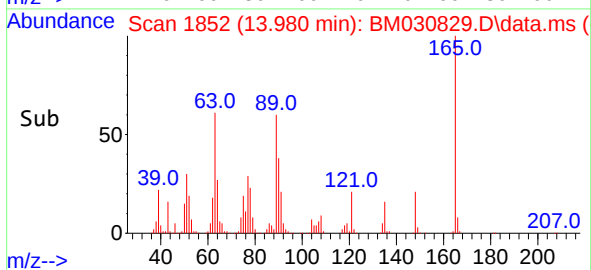
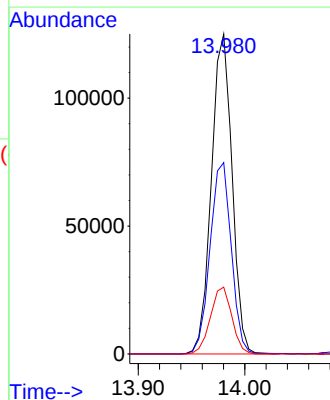
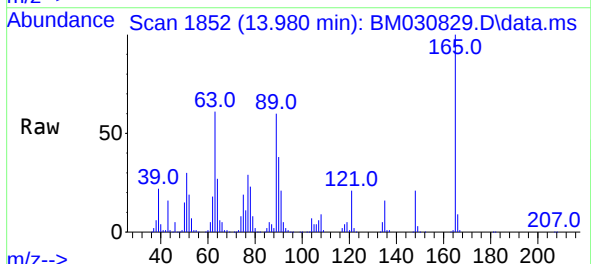
Manual Integrations
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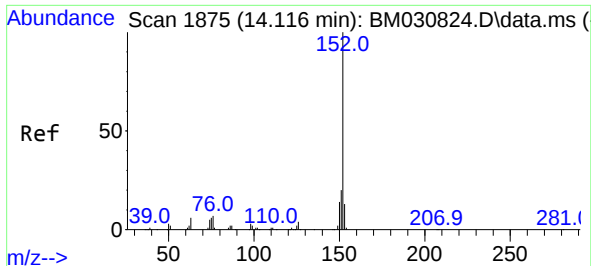
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#48
2,6-Dinitrotoluene
Concen: 55.961 ng/ul
RT: 13.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

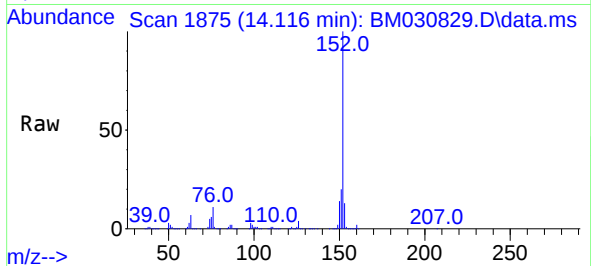
Tgt Ion:165 Resp: 168477
Ion Ratio Lower Upper
165 100
89 59.8 49.4 74.2
121 20.9 18.2 27.2





#50
Acenaphthylene
Concen: 47.405 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

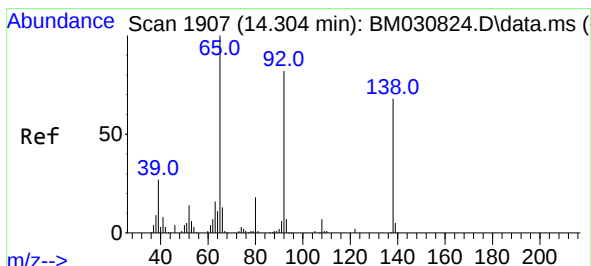
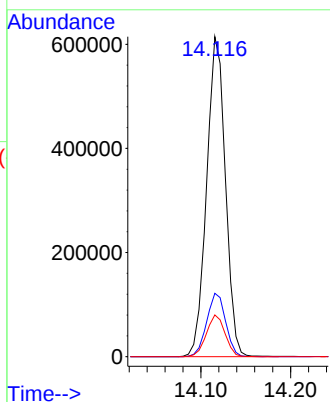
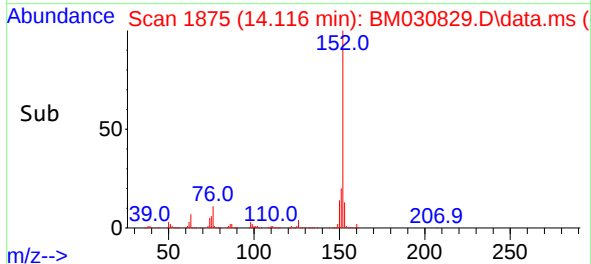
Instrument :
BNA_M
ClientSampleId :
DBK22MSD



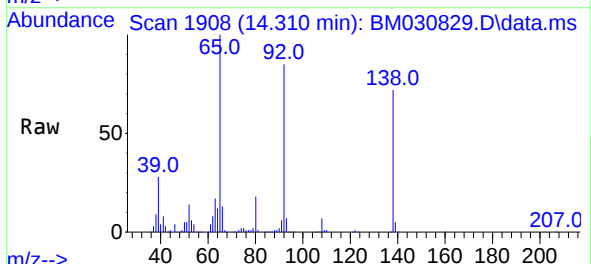
Tgt Ion:152 Resp: 892589
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.0 10.2 15.4

Manual Integrations
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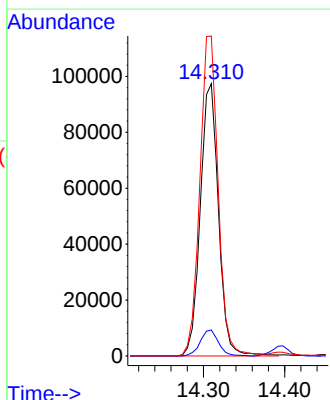
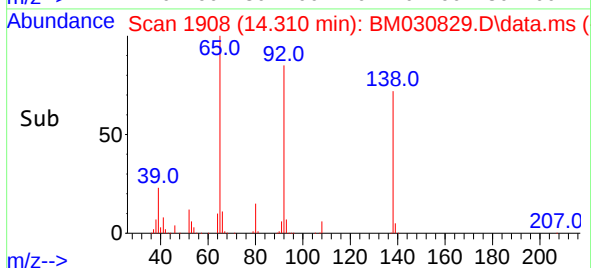
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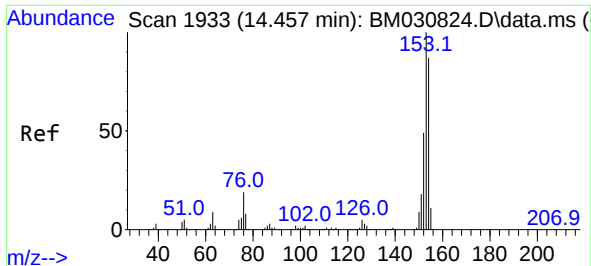


#51
3-Nitroaniline
Concen: 48.084 ng/ul
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



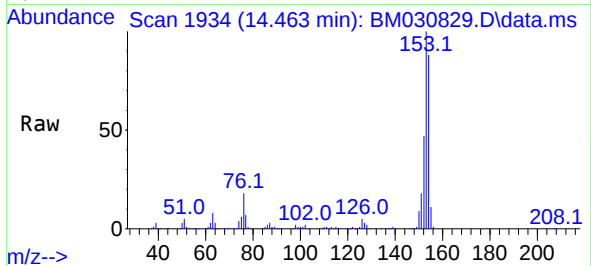
Tgt Ion:138 Resp: 151245
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 117.5 96.9 145.3





#52
Acenaphthene
Concen: 45.874 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

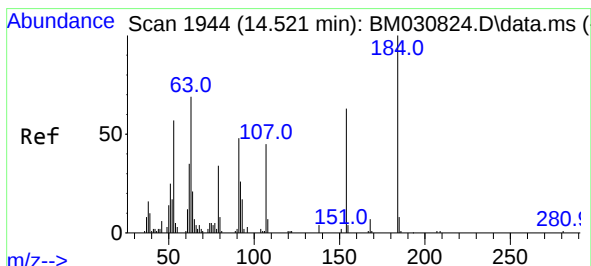
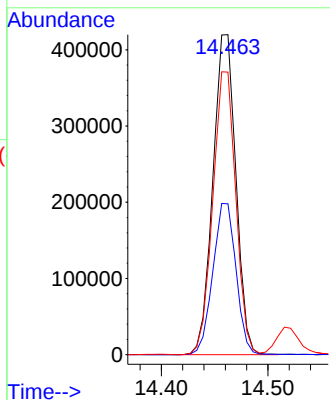
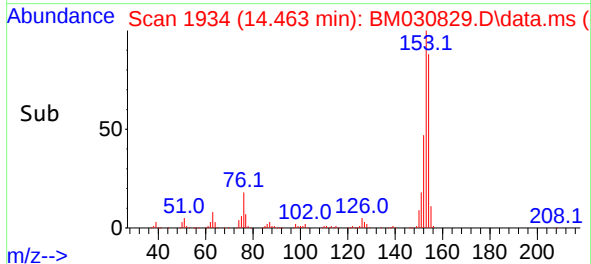
Instrument :
BNA_M
ClientSampled :
DBK22MSD



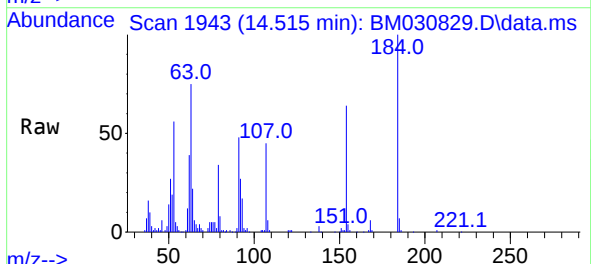
Tgt Ion:153 Resp: 630110
Ion Ratio Lower Upper
153 100
152 47.2 38.8 58.2
154 88.3 71.3 106.9

Manual Integrations
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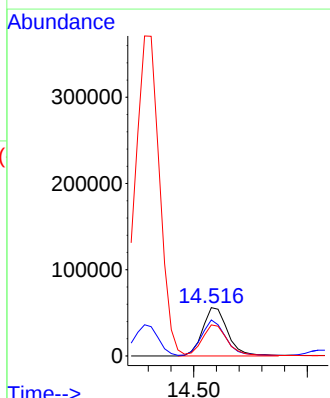
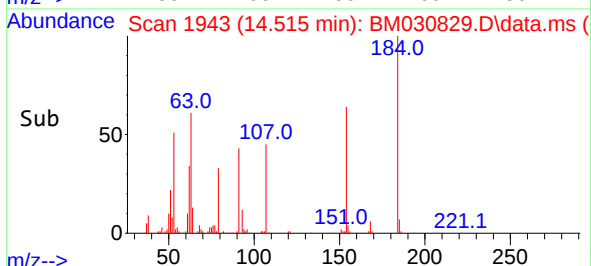
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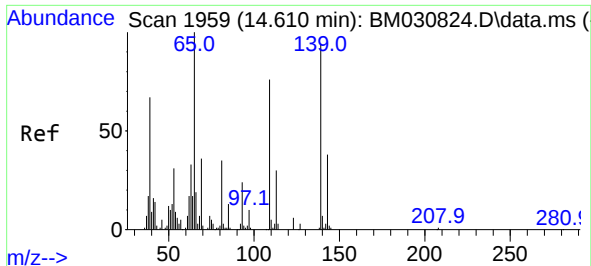


#53
2,4-Dinitrophenol
Concen: 47.960 ng/ul
RT: 14.515 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

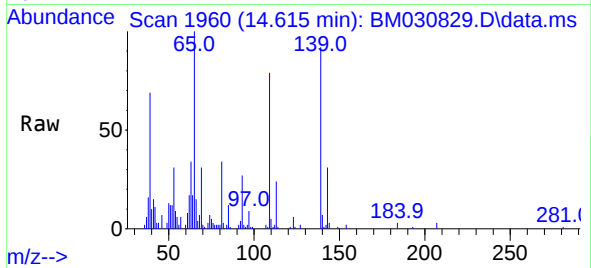


Tgt Ion:184 Resp: 86041
Ion Ratio Lower Upper
184 100
63 74.5 59.5 89.3
154 64.4 51.9 77.9

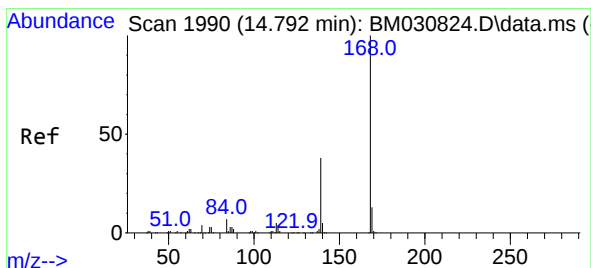
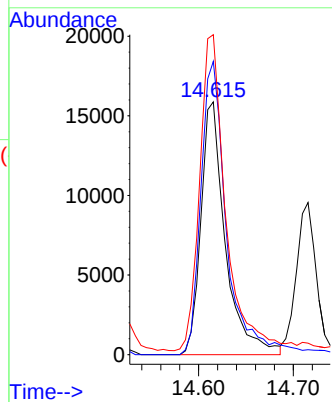
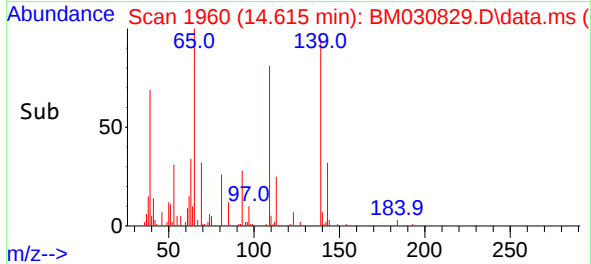




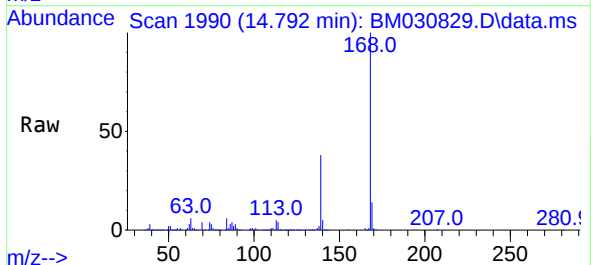
#55
4-Nitrophenol
Concen: 12.113 ng/ul
RT: 14.615 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



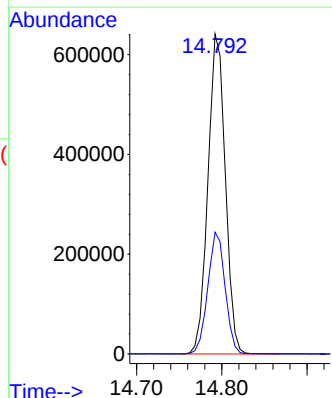
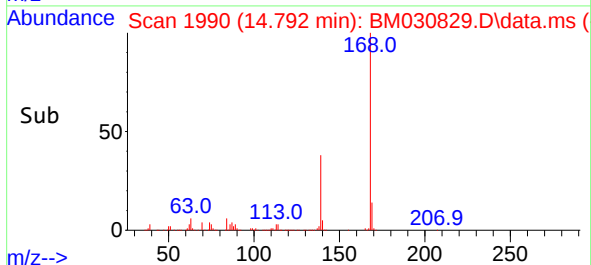
Tgt Ion:109 Resp: 28547
Ion Ratio Lower Upper
109 100
139 116.0 95.0 142.6
65 126.5 108.2 162.4



#56
Dibenzofuran
Concen: 46.937 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



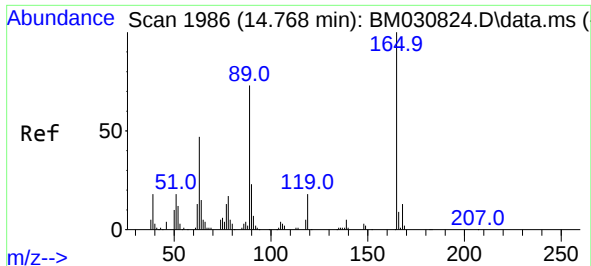
Tgt Ion:168 Resp: 907797
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.4



Instrument :
BNA_M
ClientSampleId :
DBK22MSD

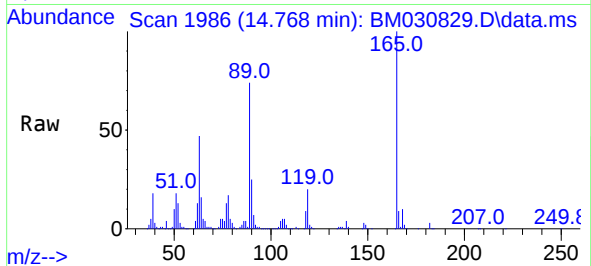
Manual Integrations
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#57
2,4-Dinitrotoluene
Concen: 57.182 ng/ul
RT: 14.768 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

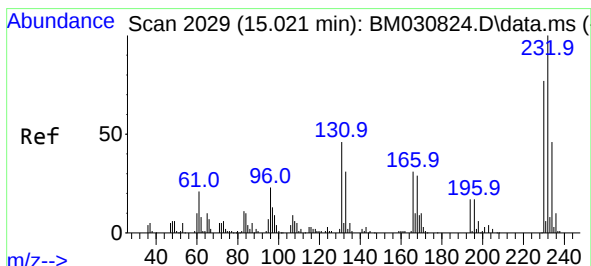
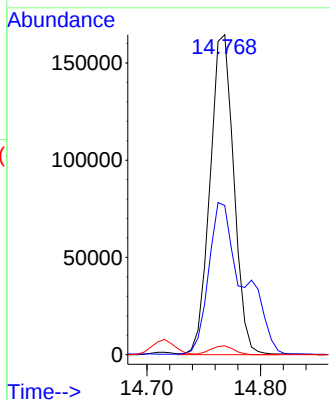
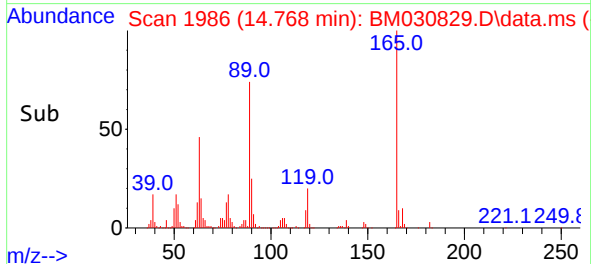
Instrument :
BNA_M
ClientSampled :
DBK22MSD



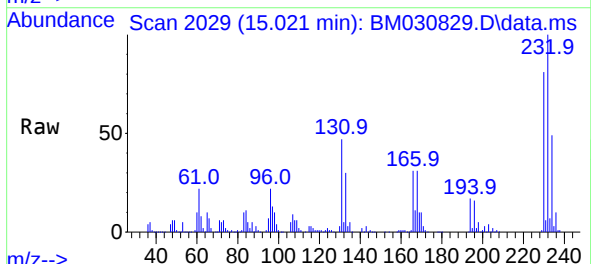
Tgt Ion:165 Resp: 240011
Ion Ratio Lower Upper
165 100
63 46.6 39.0 58.4
182 2.8 2.2 3.2

Manual Integrations
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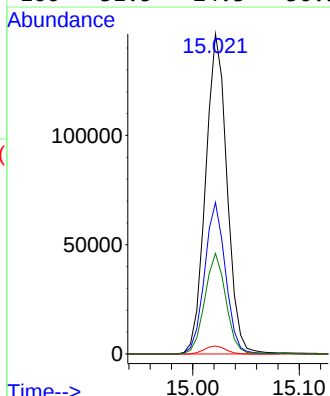
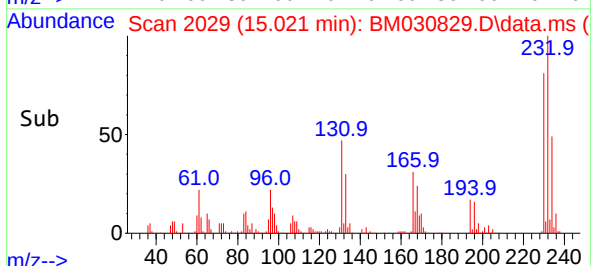
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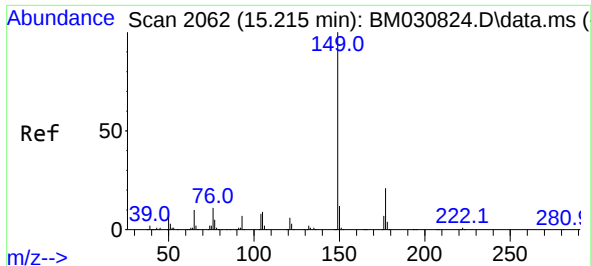


#58
2,3,4,6-Tetrachlorophenol
Concen: 53.294 ng/ul
RT: 15.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

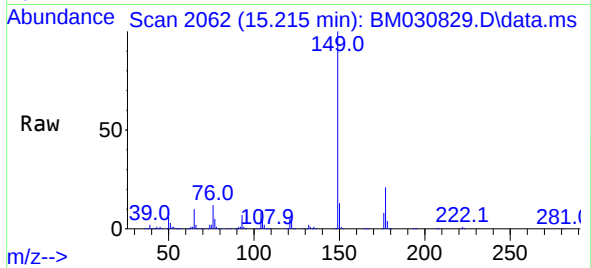


Tgt Ion:232 Resp: 204851
Ion Ratio Lower Upper
232 100
131 47.4 35.3 52.9
130 2.5 2.5 3.7
166 31.5 24.3 36.5

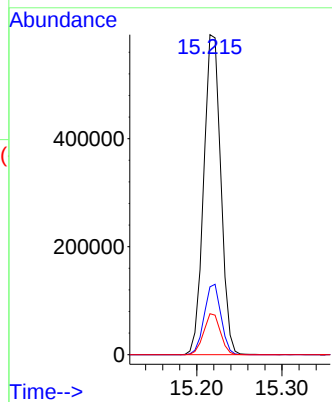
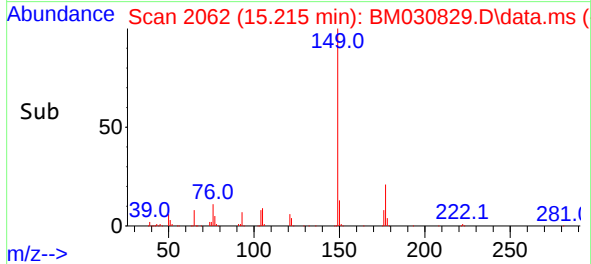




#59
Diethylphthalate
Concen: 53.136 ng/ul
RT: 15.215 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



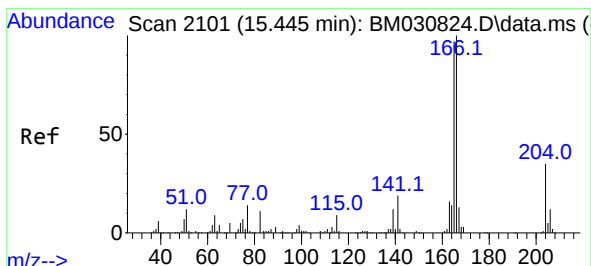
Tgt Ion:149 Resp: 824365
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.8 9.4 14.2



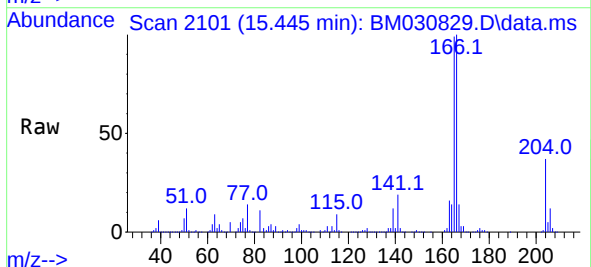
Instrument :
BNA_M
ClientSampleId :
DBK22MSD

Manual Integrations
APPROVED

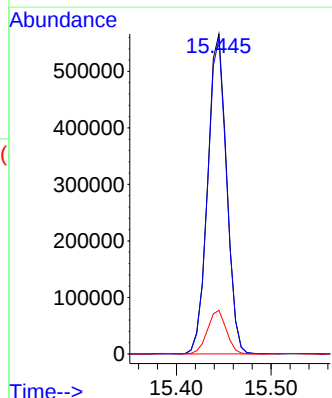
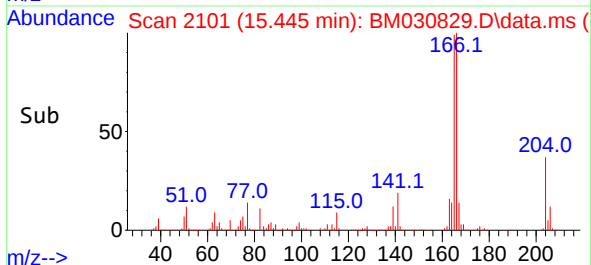
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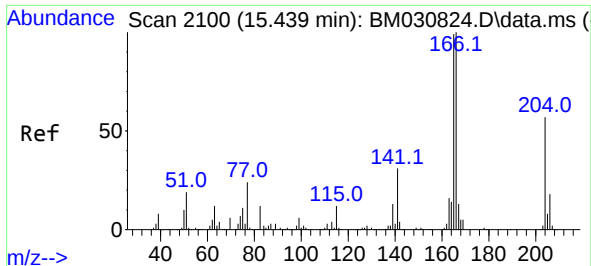


#61
Fluorene
Concen: 49.248 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



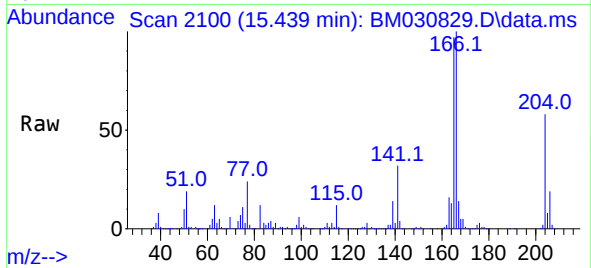
Tgt Ion:166 Resp: 784528
Ion Ratio Lower Upper
166 100
165 98.6 77.4 116.2
167 13.7 10.6 15.8





#62
4-Chlorophenyl-phenylether
Concen: 49.501 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

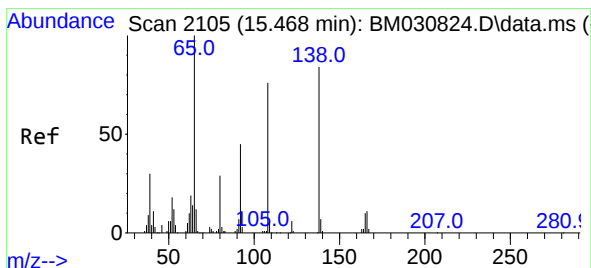
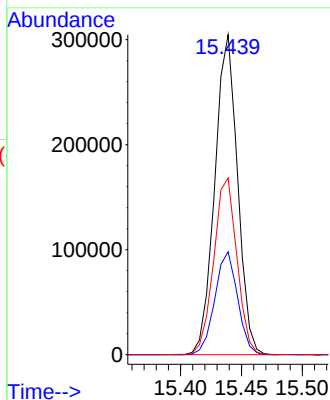
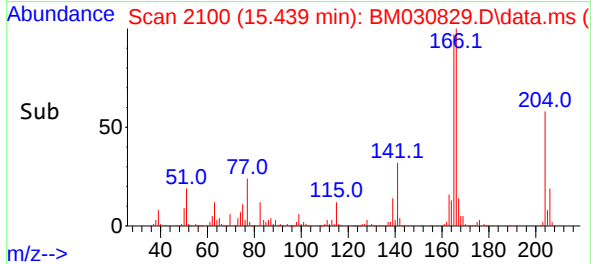
Instrument :
BNA_M
ClientSampled :
DBK22MSD



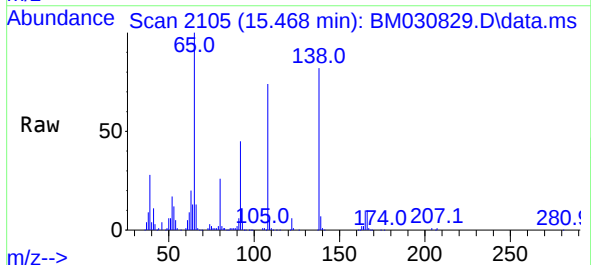
Tgt Ion:204 Resp: 396875
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 55.2 44.7 67.1

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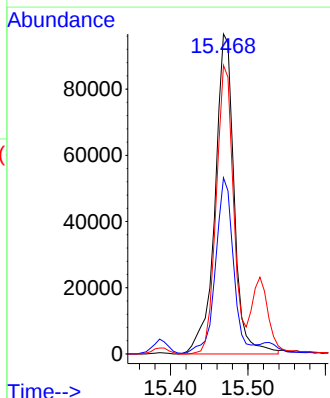
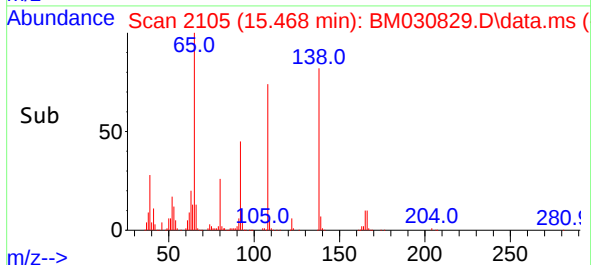
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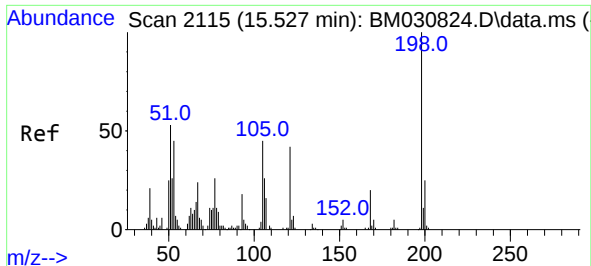


#63
4-Nitroaniline
Concen: 55.651 ng/ul
RT: 15.468 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



Tgt Ion:138 Resp: 166752
Ion Ratio Lower Upper
138 100
92 55.1 43.3 64.9
108 90.2 70.7 106.1





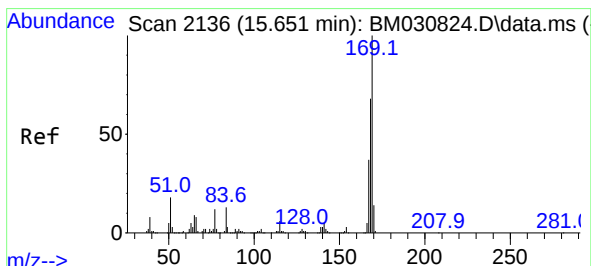
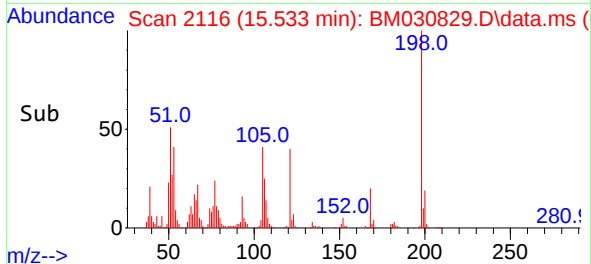
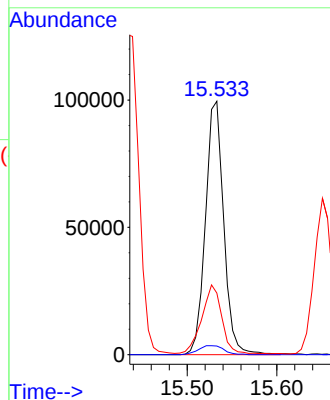
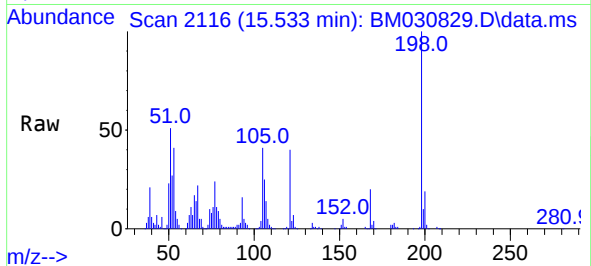
#66
4,6-Dinitro-2-methylphenol
Concen: 48.852 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:198 Resp: 140928
Ion Ratio Lower Upper
198 100
182 3.4 4.2 6.2#
77 24.3 20.3 30.5

Instrument :
BNA_M
ClientSampled :
DBK22MSD

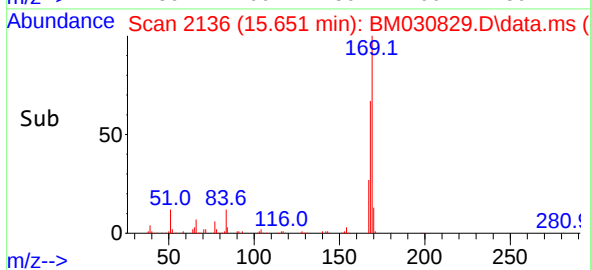
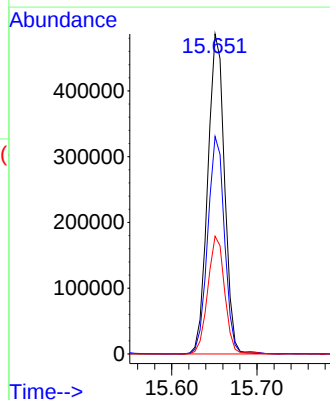
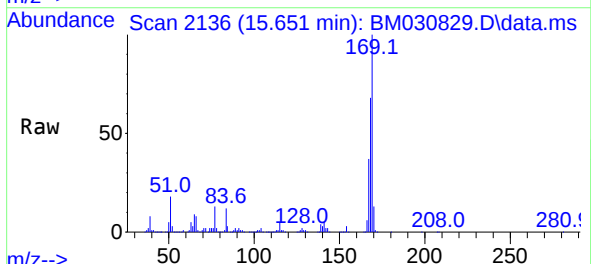
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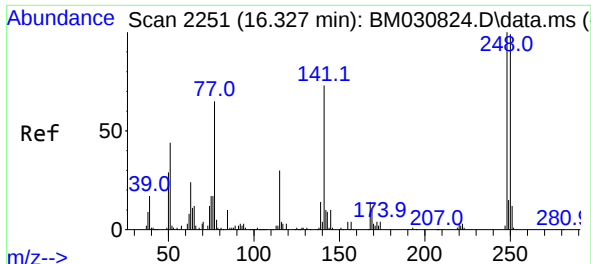
mohammad
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#67
N-Nitrosodiphenylamine
Concen: 47.810 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:169 Resp: 664222
Ion Ratio Lower Upper
169 100
168 67.9 53.1 79.7
167 36.8 29.2 43.8





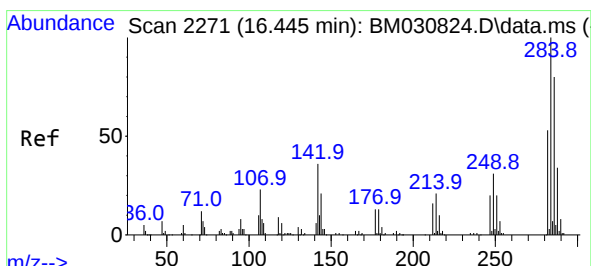
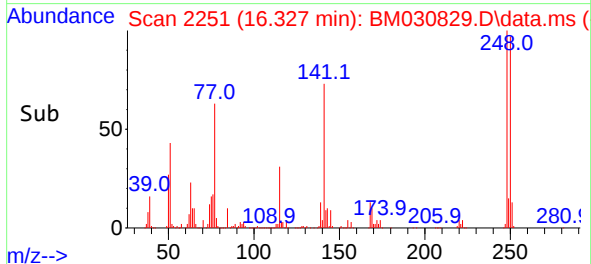
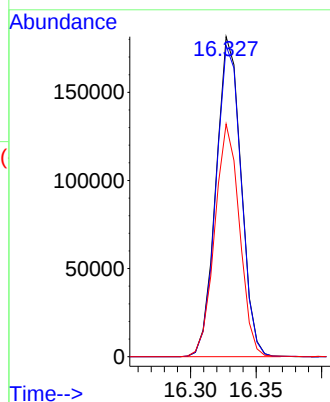
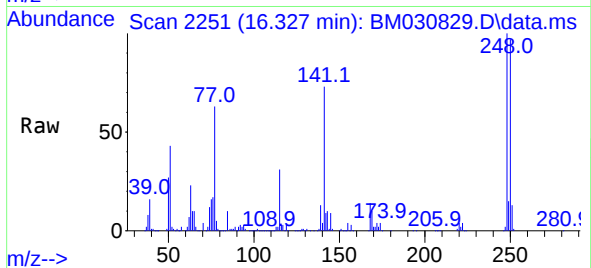
#68
4-Bromophenyl-phenylether
Concen: 49.120 ng/ul
RT: 16.327 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Instrument :
BNA_M
ClientSampleId :
DBK22MSD

Tgt Ion:248 Resp: 241084
Ion Ratio Lower Upper
248 100
250 97.2 78.1 117.1
141 72.7 60.5 90.7

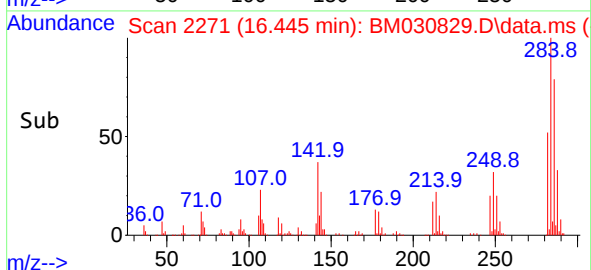
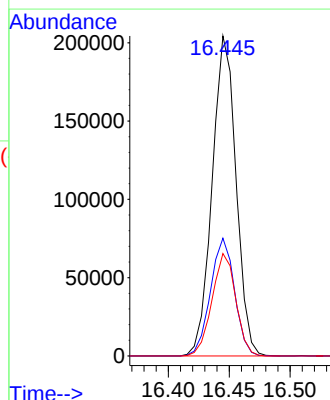
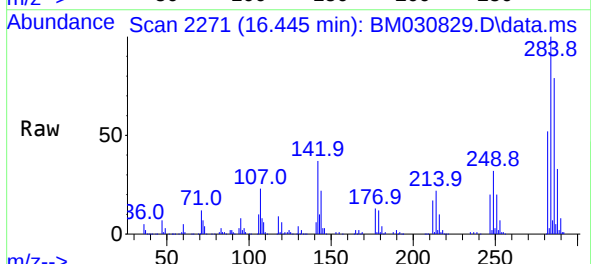
Manual Integrations
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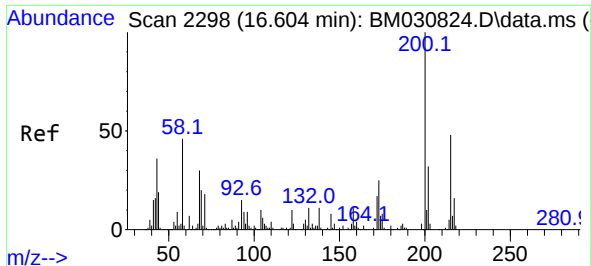
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#69
Hexachlorobenzene
Concen: 50.004 ng/ul
RT: 16.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:284 Resp: 278543
Ion Ratio Lower Upper
284 100
142 36.8 31.1 46.7
249 32.0 25.8 38.6





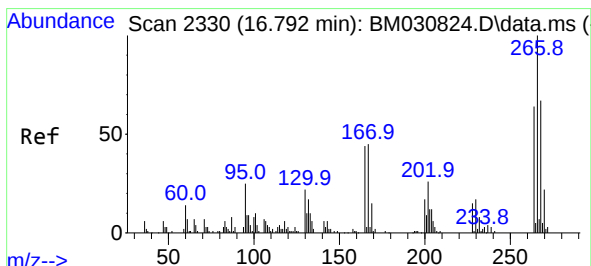
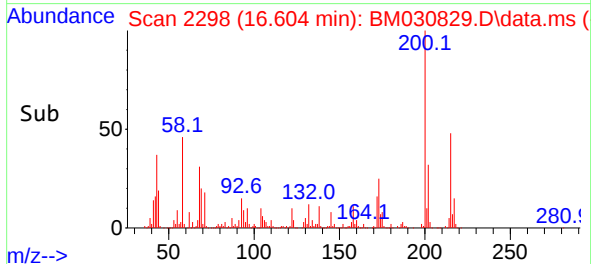
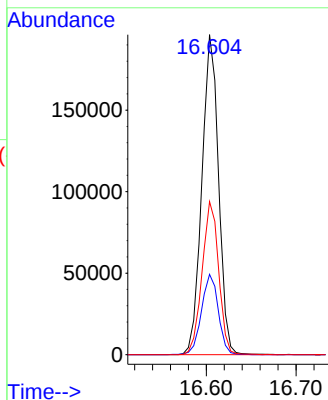
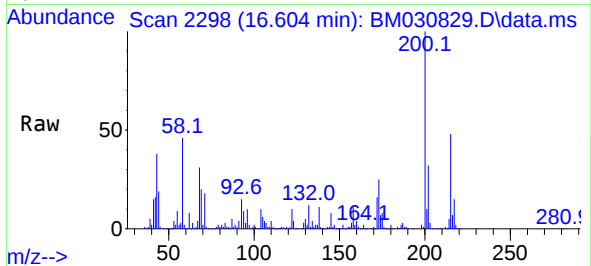
#70
Atrazine
Concen: 51.190 ng/ul
RT: 16.604 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:200 Resp: 253296
Ion Ratio Lower Upper
200 100
173 25.1 20.5 30.7
215 47.8 38.2 57.2

Instrument :
BNA_M
ClientSampleId :
DBK22MSD

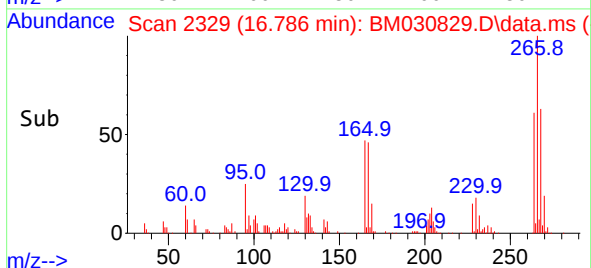
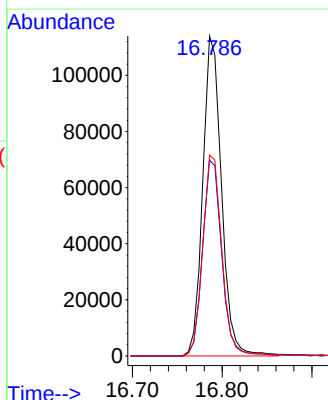
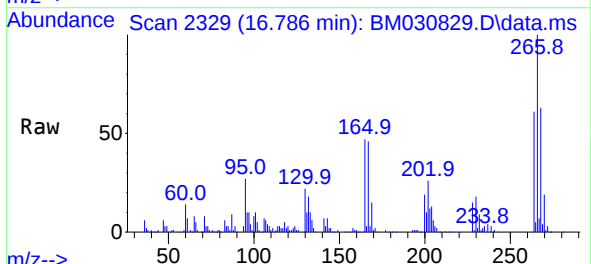
Manual Integrations
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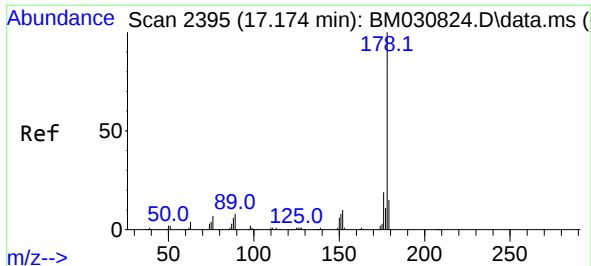
mohammad
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#71
Pentachlorophenol
Concen: 48.884 ng/ul
RT: 16.786 min Scan# 2329
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

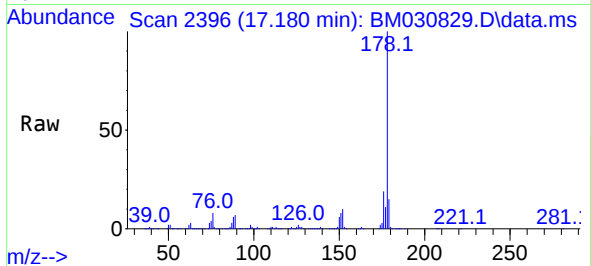
Tgt Ion:266 Resp: 165474
Ion Ratio Lower Upper
266 100
264 61.2 48.5 72.7
268 62.8 49.3 73.9





#72
Phenanthrene
Concen: 49.839 ng/u1
RT: 17.180 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

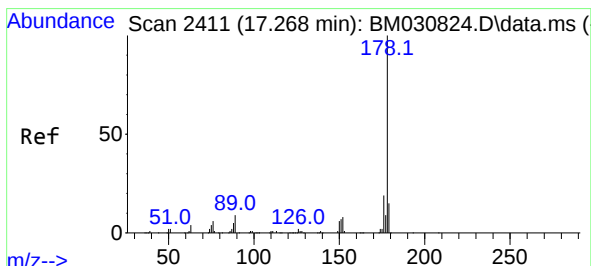
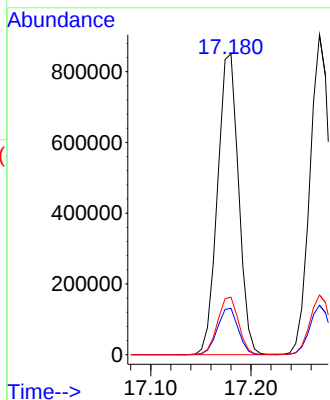
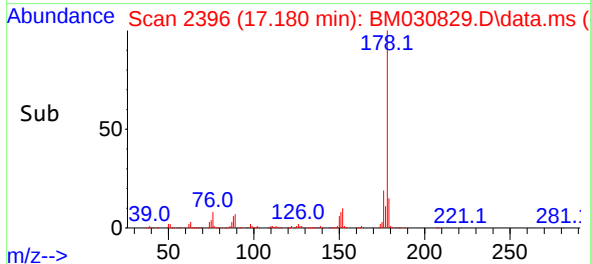
Instrument :
BNA_M
ClientSampled :
DBK22MSD



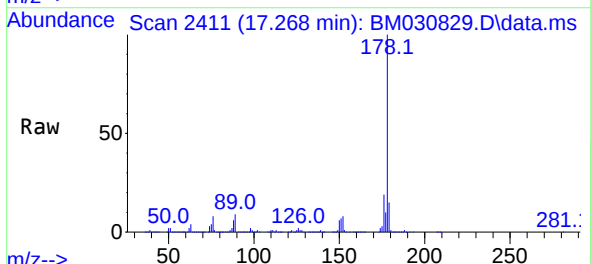
Tgt Ion:178 Resp: 1239355
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.1 15.4 23.0

Manual Integrations
APPROVED

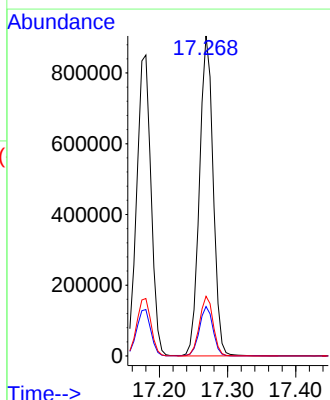
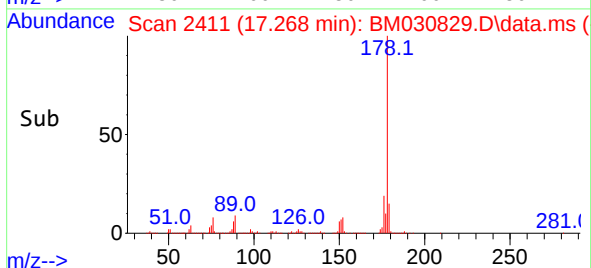
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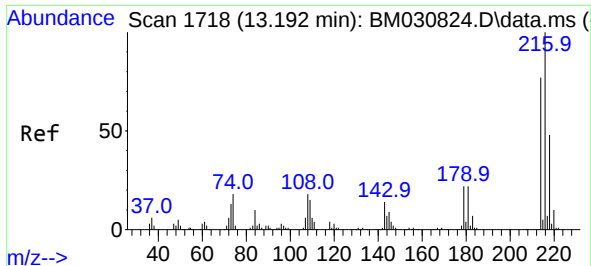


#74
Anthracene
Concen: 49.390 ng/u1
RT: 17.268 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



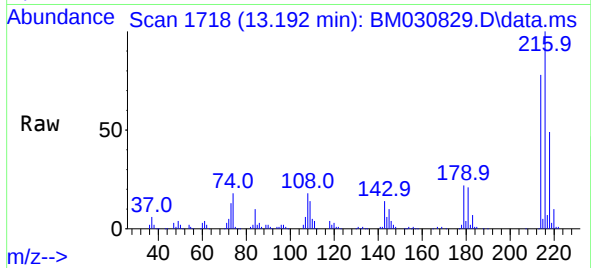
Tgt Ion:178 Resp: 1261915
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.6 14.7 22.1





#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.951 ng/uL
RT: 13.192 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

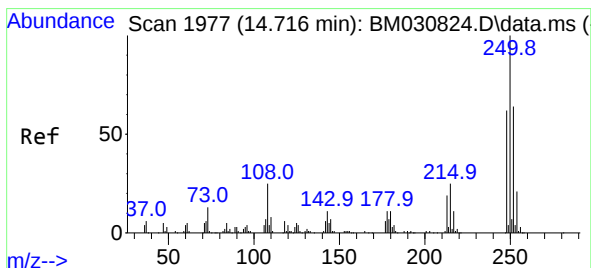
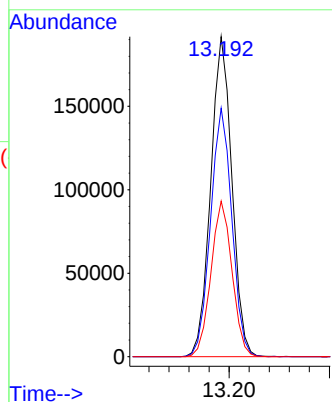
Instrument :
BNA_M
ClientSampled :
DBK22MSD



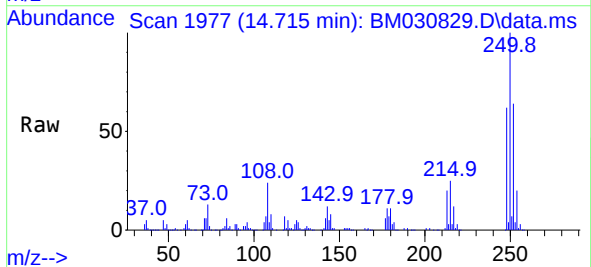
Tgt Ion:216 Resp: 281422
Ion Ratio Lower Upper
216 100
214 77.7 62.2 93.2
218 48.6 38.2 57.2

Manual Integrations
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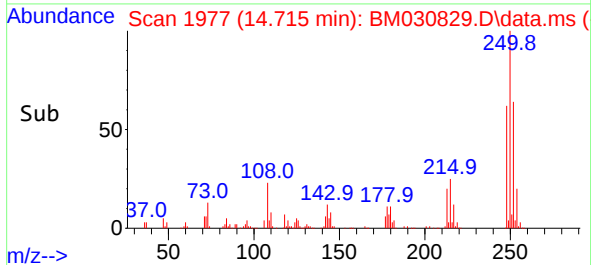
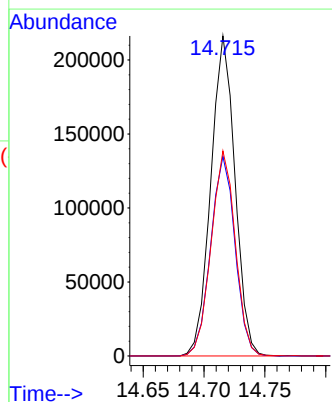
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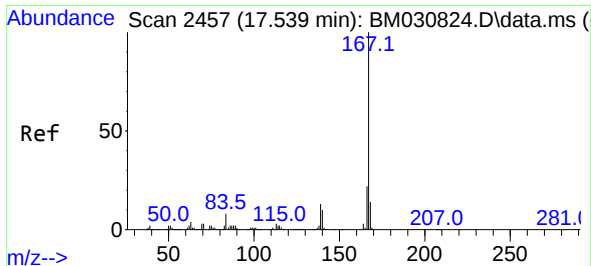


#76
Pentachlorobenzene
Concen: 42.197 ng/uL
RT: 14.715 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



Tgt Ion:250 Resp: 298323
Ion Ratio Lower Upper
250 100
248 62.4 51.1 76.7
252 64.0 50.8 76.2





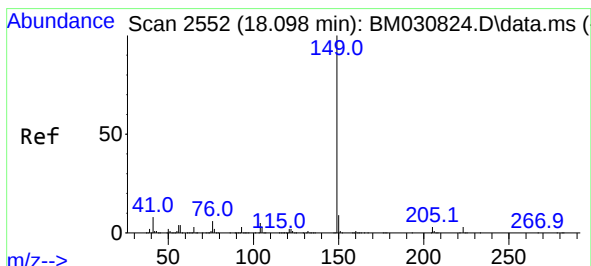
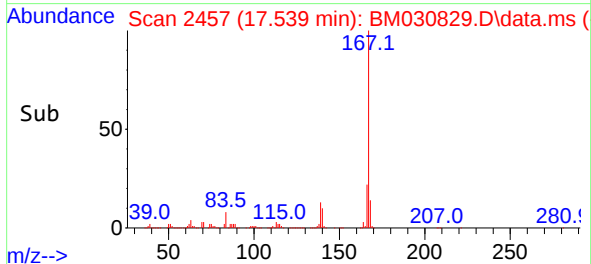
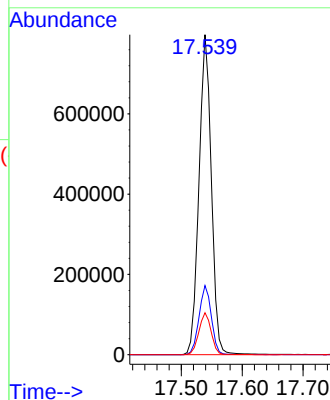
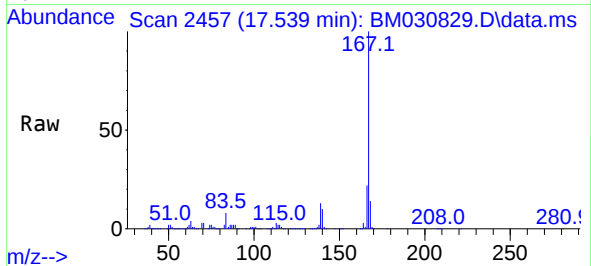
#77
 Carbazole
 Concen: 50.649 ng/ul
 RT: 17.539 min Scan# 2457
 Delta R.T. -0.000 min
 Lab File: BM030829.D
 Acq: 06 Jul 2021 20:55

Tgt Ion:167 Resp: 1124928
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.1 10.4 15.6

Instrument :
 BNA_M
 ClientSampleId :
 DBK22MSD

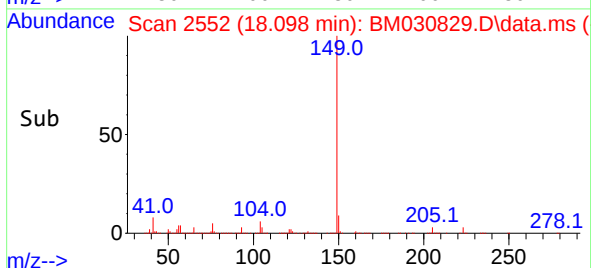
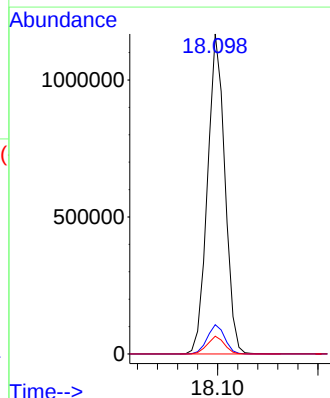
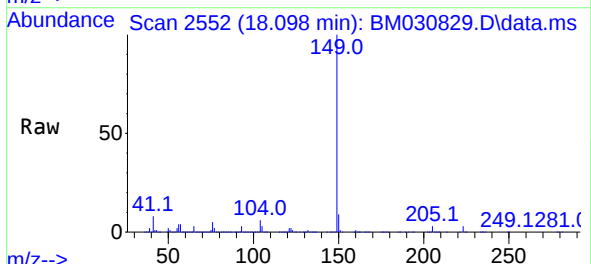
Manual Integrations
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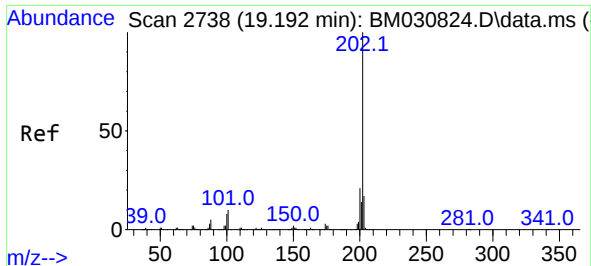
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#78
 Di-n-butylphthalate
 Concen: 55.099 ng/ul
 RT: 18.098 min Scan# 2552
 Delta R.T. -0.000 min
 Lab File: BM030829.D
 Acq: 06 Jul 2021 20:55

Tgt Ion:149 Resp: 1410364
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.5 4.5 6.7





#80
Fluoranthene
Concen: 53.182 ng/u1
RT: 19.192 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

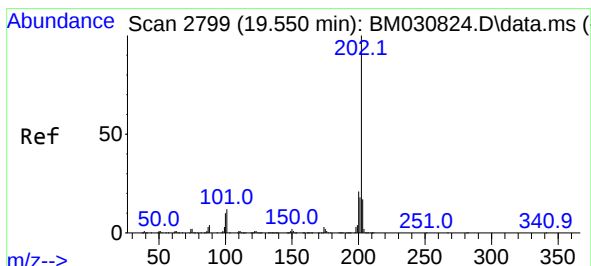
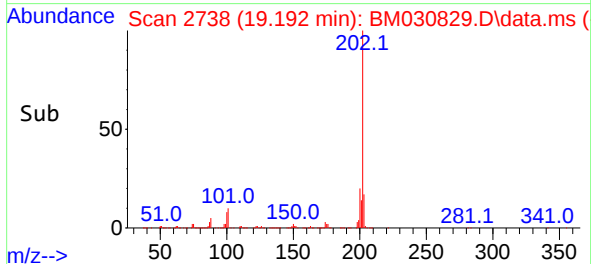
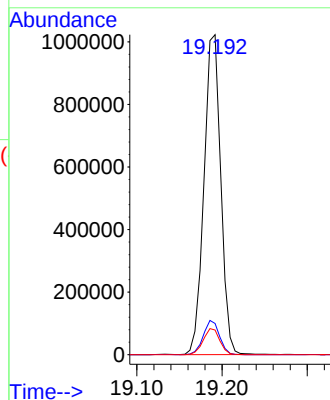
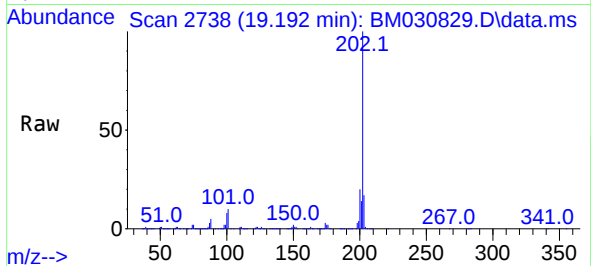
Tgt Ion:202 Resp: 1399505

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.8	13.2
100	7.7	6.7	10.1

Instrument :
BNA_M
ClientSampleId :
DBK22MSD

Manual Integrations
APPROVED

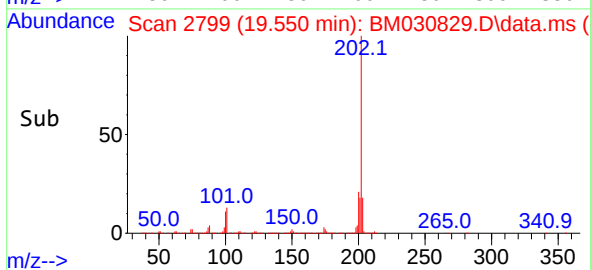
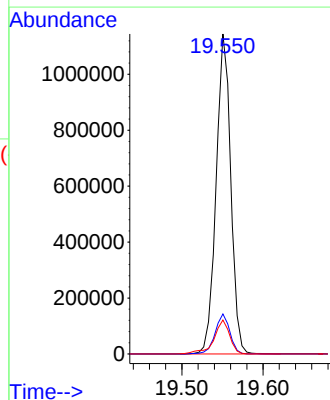
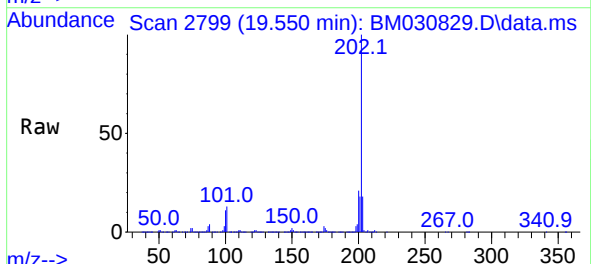
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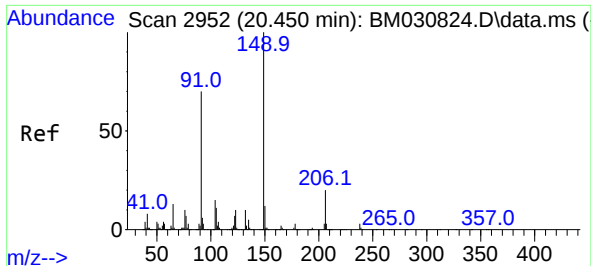


#82
Pyrene
Concen: 52.522 ng/u1
RT: 19.550 min Scan# 2799
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

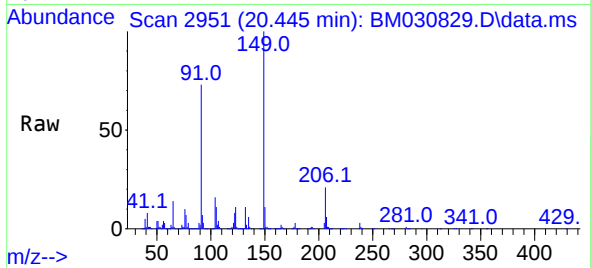
Tgt Ion:202 Resp: 1432469

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
100	10.6	8.0	12.0

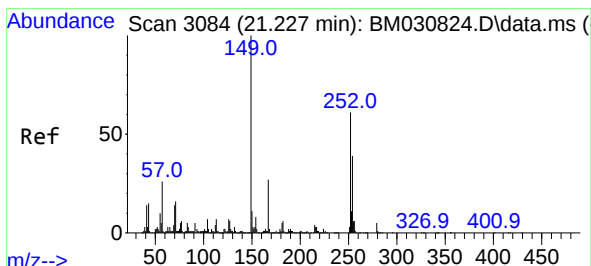
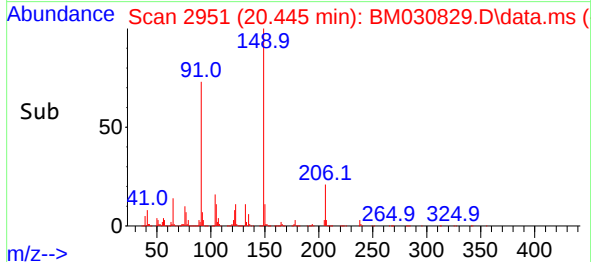
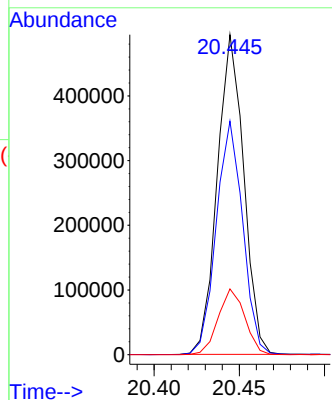




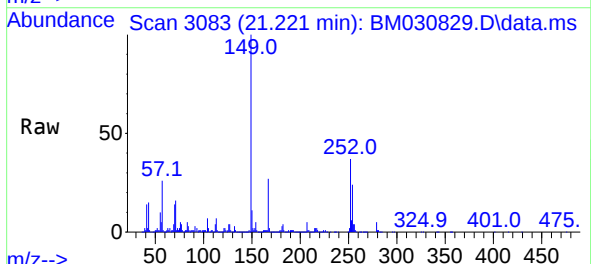
#83
Butylbenzylphthalate
Concen: 57.372 ng/ul
RT: 20.445 min Scan# 2951
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



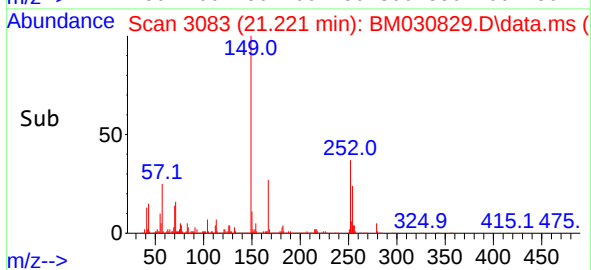
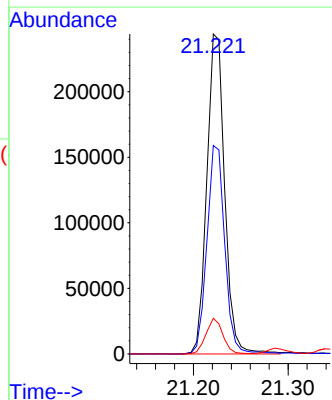
Tgt Ion:149 Resp: 534879
Ion Ratio Lower Upper
149 100
91 73.0 61.2 91.8
206 20.6 16.1 24.1



#84
3,3'-Dichlorobenzidine
Concen: 45.236 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



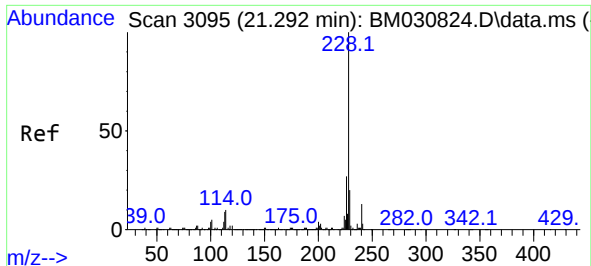
Tgt Ion:252 Resp: 319422
Ion Ratio Lower Upper
252 100
254 65.2 52.0 78.0
126 11.2 8.4 12.6



Instrument :
BNA_M
ClientSampleId :
DBK22MSD

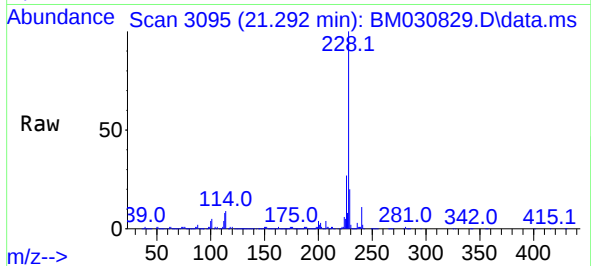
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#85
Benzo(a)anthracene
Concen: 50.015 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

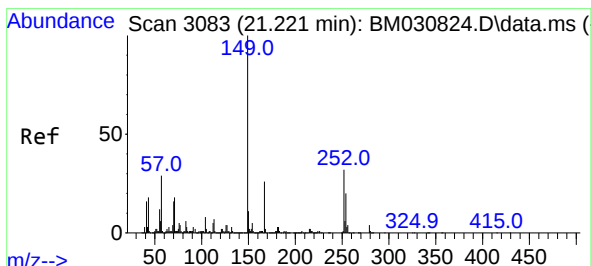
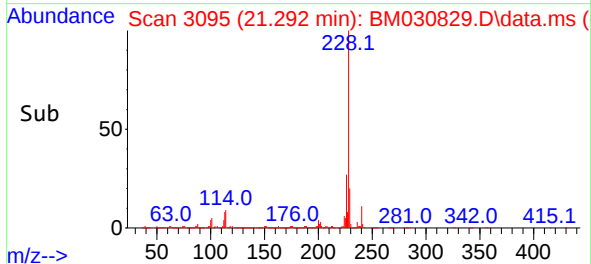
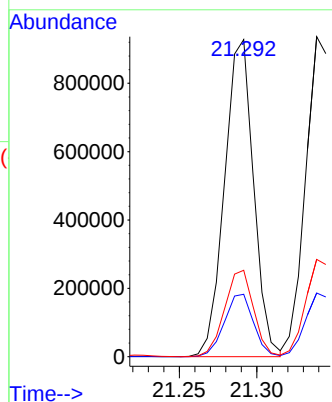
Instrument :
BNA_M
ClientSampleId :
DBK22MSD



Tgt Ion:228 Resp: 1210047
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 27.2 21.8 32.8

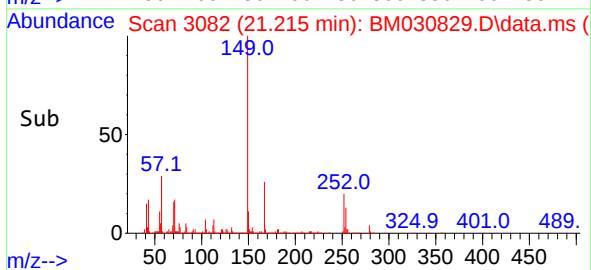
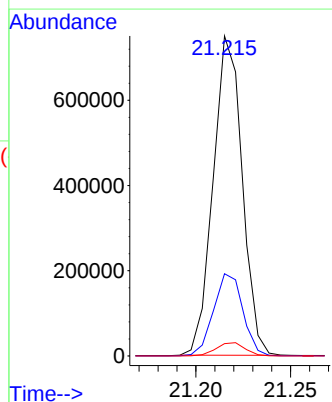
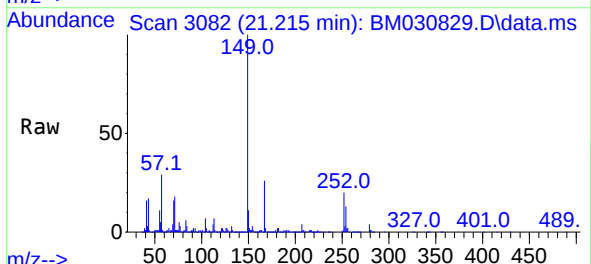
Manual Integrations
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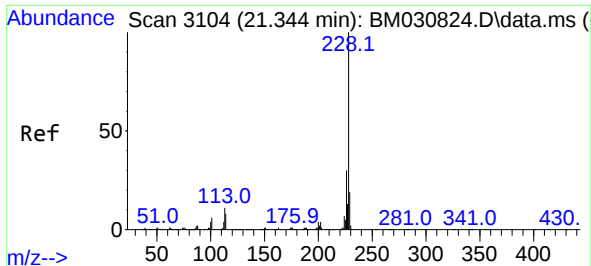
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#86
Bis(2-ethylhexyl)phthalate
Concen: 58.154 ng/ul
RT: 21.215 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:149 Resp: 799268
Ion Ratio Lower Upper
149 100
167 25.7 21.2 31.8
279 3.8 3.4 5.0





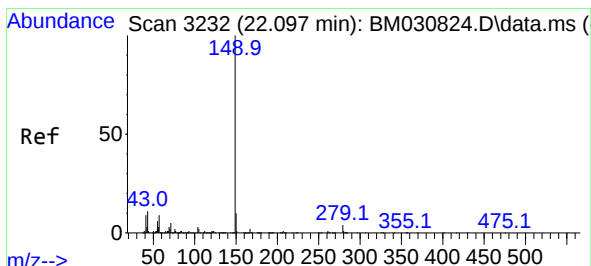
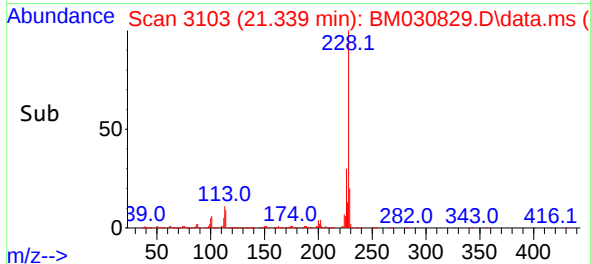
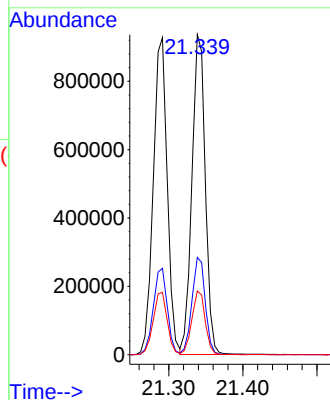
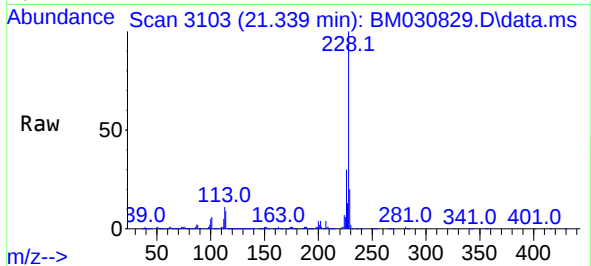
#87
Chrysene
Concen: 49.258 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:228 Resp: 1172600
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.9 15.5 23.3

Instrument :
BNA_M
ClientSampleId :
DBK22MSD

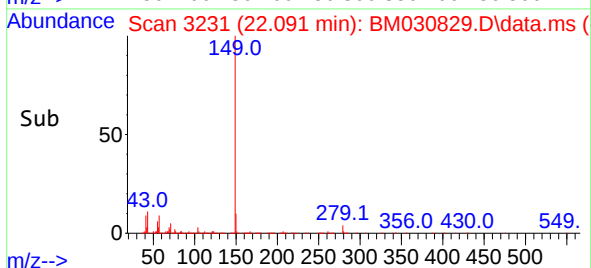
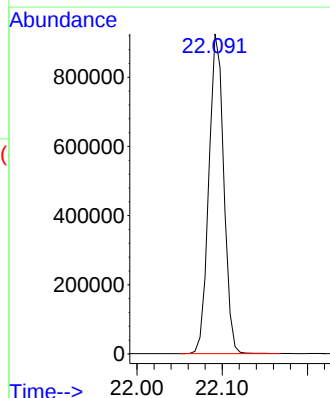
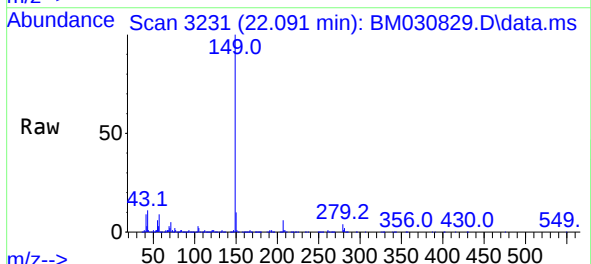
Manual Integrations
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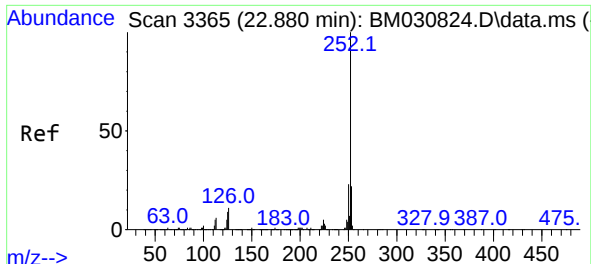
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#89
Di-n-octyl phthalate
Concen: 56.741 ng/ul
RT: 22.091 min Scan# 3231
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

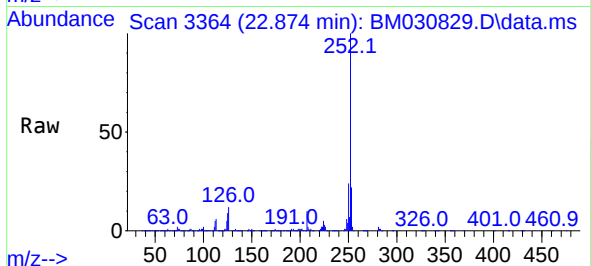
Tgt Ion:149 Resp: 1123422





#90
Benzo(b)fluoranthene
Concen: 52.548 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

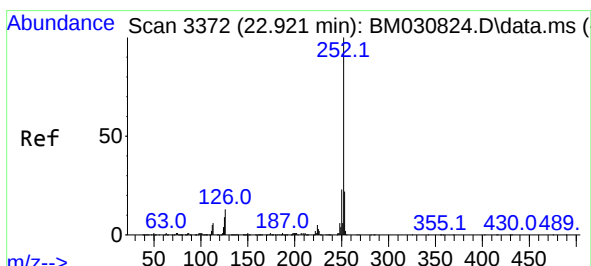
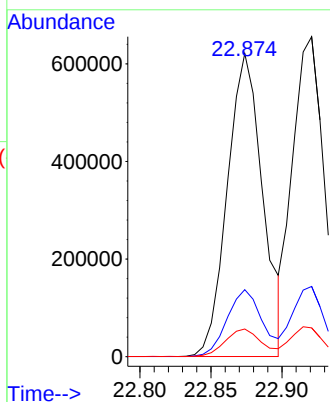
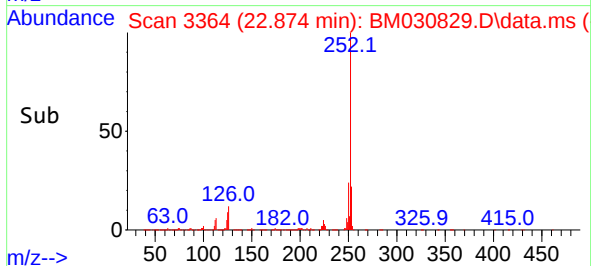
Instrument :
BNA_M
ClientSampleId :
DBK22MSD



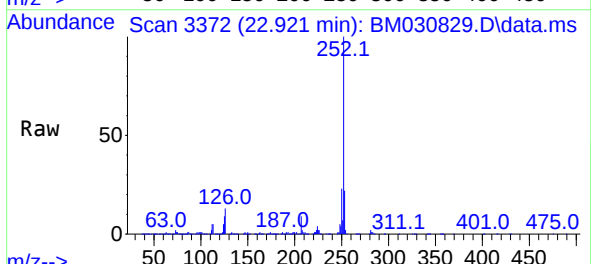
Tgt Ion:252 Resp: 1079175
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.1 7.7 11.5

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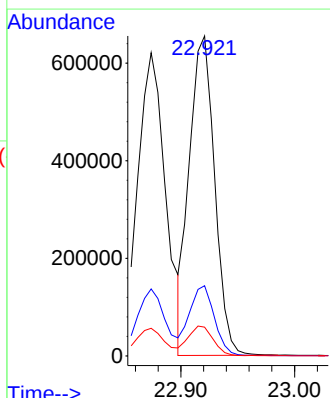
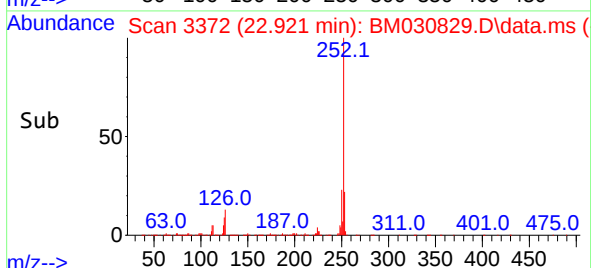
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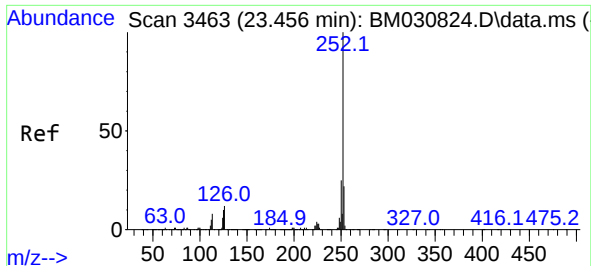


#91
Benzo(k)fluoranthene
Concen: 50.894 ng/ul
RT: 22.921 min Scan# 3372
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



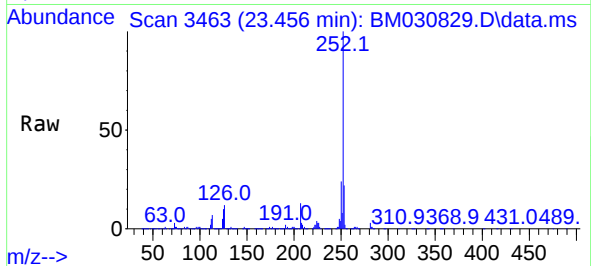
Tgt Ion:252 Resp: 1015920
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.0 7.4 11.0





#93
Benzo(a)pyrene
Concen: 49.667 ng/ul
RT: 23.456 min Scan# 3463
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

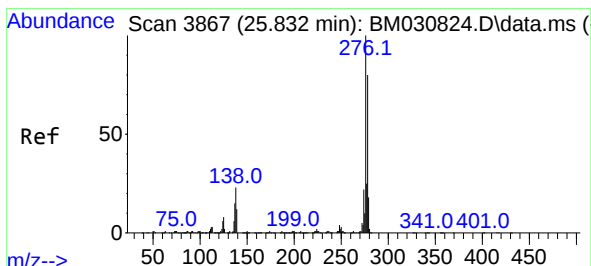
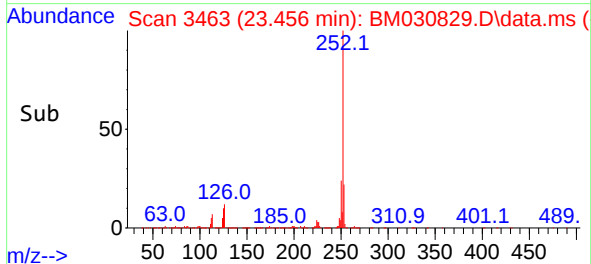
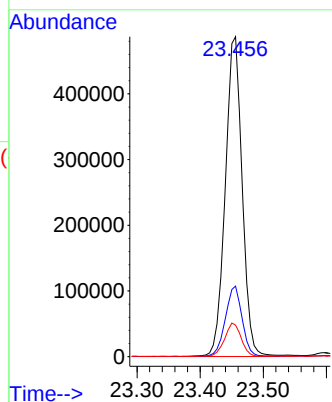
Instrument :
BNA_M
ClientSampled :
DBK22MSD



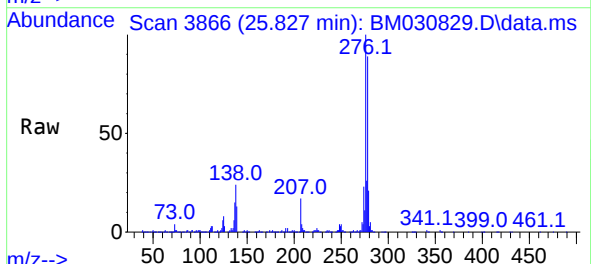
Tgt Ion:252 Resp: 902638
Ion Ratio Lower Upper
252 100
253 22.1 16.7 25.1
125 9.9 8.5 12.7

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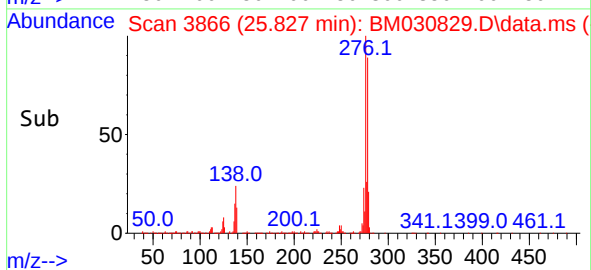
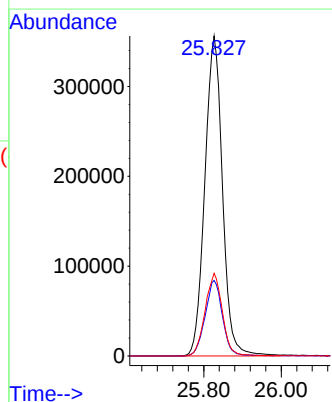
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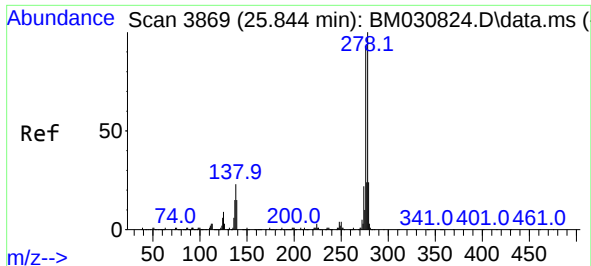


#94
Indeno(1,2,3-cd)pyrene
Concen: 49.758 ng/ul
RT: 25.827 min Scan# 3866
Delta R.T. -0.000 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55



Tgt Ion:276 Resp: 1124628
Ion Ratio Lower Upper
276 100
138 23.6 18.1 27.1
277 25.8 20.3 30.5





#95
Dibenzo(a,h)anthracene
Concen: 50.044 ng/ul
RT: 25.832 min Scan# 3867
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

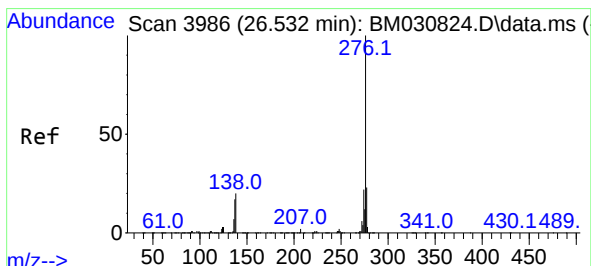
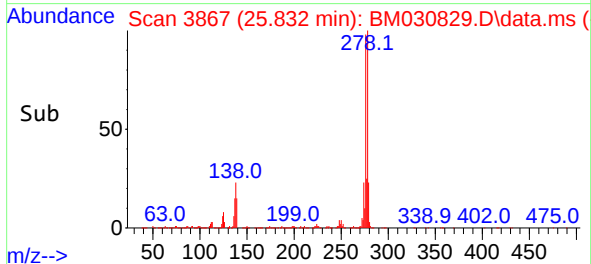
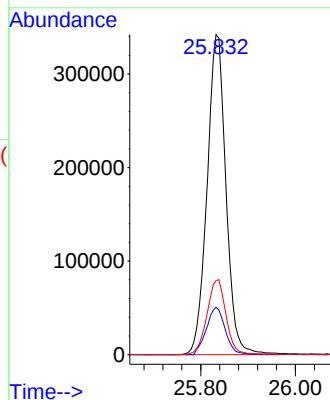
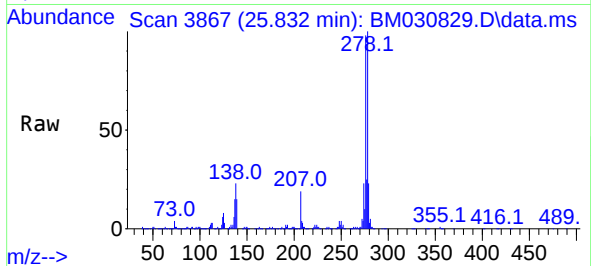
Tgt Ion:278 Resp: 948377

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.4	18.6
279	23.2	19.0	28.6

Instrument :
BNA_M
ClientSampled :
DBK22MSD

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 49.844 ng/ul
RT: 26.521 min Scan# 3984
Delta R.T. -0.006 min
Lab File: BM030829.D
Acq: 06 Jul 2021 20:55

Tgt Ion:276 Resp: 903227

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.8	23.6
277	23.2	19.4	29.0

