

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033411.D
 Acq On : 11 Dec 2021 14:21
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 12 00:15:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	44411	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	175787	20.00	ng	0.00
39) Acenaphthene-d10	14.524	164	112315	20.00	ng	0.00
64) Phenanthrene-d10	17.265	188	211567	20.00	ng	0.00
76) Chrysene-d12	21.430	240	176760	20.00	ng	0.00
86) Perylene-d12	23.753	264	159858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	212704	78.57	ng	0.00
7) Phenol-d6	7.072	99	297963	78.94	ng	0.00
23) Nitrobenzene-d5	9.066	82	276480	66.78	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	94016	78.25	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	688681	84.82	ng	0.00
79) Terphenyl-d14	19.877	244	788674	82.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	43508	36.06	ng	99
3) Pyridine	3.802	79	107685	35.15	ng	97
4) n-Nitrosodimethylamine	3.713	42	68360	38.29	ng	97
6) Aniline	7.237	93	163710	38.60	ng	99
8) 2-Chlorophenol	7.466	128	115067	40.30	ng	99
9) Benzaldehyde	7.048	77	86657	38.73	ng	96
10) Phenol	7.101	94	149393	39.65	ng	92
11) bis(2-Chloroethyl)ether	7.331	93	116340	39.34	ng	98
12) 1,3-Dichlorobenzene	7.790	146	135324	40.33	ng	96
13) 1,4-Dichlorobenzene	7.937	146	138899	40.74	ng	98
14) 1,2-Dichlorobenzene	8.254	146	136315	40.86	ng	99
15) Benzyl Alcohol	8.148	79	113700	36.41	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.425	45	187796	35.95	ng	100
17) 2-Methylphenol	8.348	107	103263	40.25	ng	95
18) Hexachloroethane	8.978	117	54192	40.47	ng	96
19) n-Nitroso-di-n-propyla...	8.707	70	93765	34.71	ng	# 93
20) 3+4-Methylphenols	8.672	107	138140	39.68	ng	95
22) Acetophenone	8.725	105	201717	42.41	ng	96
24) Nitrobenzene	9.107	77	148024	37.36	ng	98
25) Isophorone	9.631	82	257781	41.00	ng	98
26) 2-Nitrophenol	9.813	139	45018	30.91	ng	98
27) 2,4-Dimethylphenol	9.872	122	92499	39.88	ng	95
28) bis(2-Chloroethoxy)met...	10.107	93	159614	40.19	ng	97
29) 2,4-Dichlorophenol	10.348	162	114070	42.51	ng	99
30) 1,2,4-Trichlorobenzene	10.554	180	135756	42.94	ng	99
31) Naphthalene	10.748	128	389470	41.46	ng	99
32) Benzoic acid	10.019	122	57856	34.44	ng	95
33) 4-Chloroaniline	10.860	127	140652	38.61	ng	99
34) Hexachlorobutadiene	11.019	225	91308	45.73	ng	96
35) Caprolactam	11.654	113	17109m	32.72	ng	
36) 4-Chloro-3-methylphenol	11.983	107	132122	40.99	ng	98
37) 2-Methylnaphthalene	12.354	142	268122	41.75	ng	96
38) 1-Methylnaphthalene	12.572	142	260393	41.12	ng	100
40) 1,2,4,5-Tetrachloroben...	12.719	216	146821	44.24	ng	99
41) Hexachlorocyclopentadiene	12.689	237	64432	36.44	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.960	196	90749	41.31	ng	93
44) 2,4,5-Trichlorophenol	13.036	196	100340	42.60	ng	98
46) 1,1'-Biphenyl	13.360	154	361761	42.29	ng	98
47) 2-Chloronaphthalene	13.407	162	281154	42.85	ng	100
48) 2-Nitroaniline	13.619	65	46414	19.95	ng	94
49) Acenaphthylene	14.248	152	434396	42.08	ng	99
50) Dimethylphthalate	13.989	163	316042	38.73	ng	99
51) 2,6-Dinitrotoluene	14.107	165	55712	33.46	ng	92
52) Acenaphthene	14.589	154	258936	41.37	ng	98
53) 3-Nitroaniline	14.442	138	55043	31.73	ng	95
54) 2,4-Dinitrophenol	14.648	184	27523	29.87	ng	93
55) Dibenzofuran	14.924	168	431342	41.47	ng	96
56) 4-Nitrophenol	14.754	139	44157	33.73	ng	89
57) 2,4-Dinitrotoluene	14.895	165	71050	32.37	ng	99
58) Fluorene	15.571	166	334038	40.80	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.154	232	83046	40.74	ng	99
60) Diethylphthalate	15.342	149	305091	37.09	ng	99
61) 4-Chlorophenyl-phenyle...	15.566	204	172322	41.30	ng	97
62) 4-Nitroaniline	15.607	138	51591	28.32	ng	94
63) Azobenzene	15.860	77	380314	40.03	ng	98
65) 4,6-Dinitro-2-methylph...	15.654	198	39726	33.23	ng	96
66) n-Nitrosodiphenylamine	15.783	169	274941	42.91	ng	99
67) 4-Bromophenyl-phenylether	16.460	248	97051	43.66	ng	95
68) Hexachlorobenzene	16.571	284	103423	42.93	ng	97
69) Atrazine	16.730	200	45336	34.59	ng	98
70) Pentachlorophenol	16.918	266	58925	44.52	ng	97
71) Phenanthrene	17.307	178	496245	41.90	ng	99
72) Anthracene	17.401	178	484300	41.85	ng	99
73) Carbazole	17.671	167	452470	40.58	ng	99
74) Di-n-butylphthalate	18.224	149	390416	32.01	ng	# 99
75) Fluoranthene	19.318	202	528284	40.12	ng	98
77) Benzidine	19.506	184	40209	16.87	ng	99
78) Pyrene	19.677	202	537133	43.39	ng	98
80) Butylbenzylphthalate	20.565	149	106174	21.75	ng	96
81) Benzo(a)anthracene	21.418	228	473555	40.79	ng	99
82) 3,3'-Dichlorobenzidine	21.353	252	156573	29.78	ng	99
83) Chrysene	21.465	228	461215	41.12	ng	99
84) Bis(2-ethylhexyl)phtha...	21.336	149	154312	22.58	ng	96
85) Di-n-octyl phthalate	22.236	149	270091	23.70	ng	100
87) Indeno(1,2,3-cd)pyrene	26.118	276	467367	42.63	ng	96
88) Benzo(b)fluoranthene	23.047	252	422354	41.96	ng	99
89) Benzo(k)fluoranthene	23.094	252	423232	42.57	ng	98
90) Benzo(a)pyrene	23.647	252	351287	42.27	ng	98
91) Dibenzo(a,h)anthracene	26.130	278	389054	42.05	ng	98
92) Benzo(g,h,i)perylene	26.853	276	387045	42.78	ng	98

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

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BNA_M

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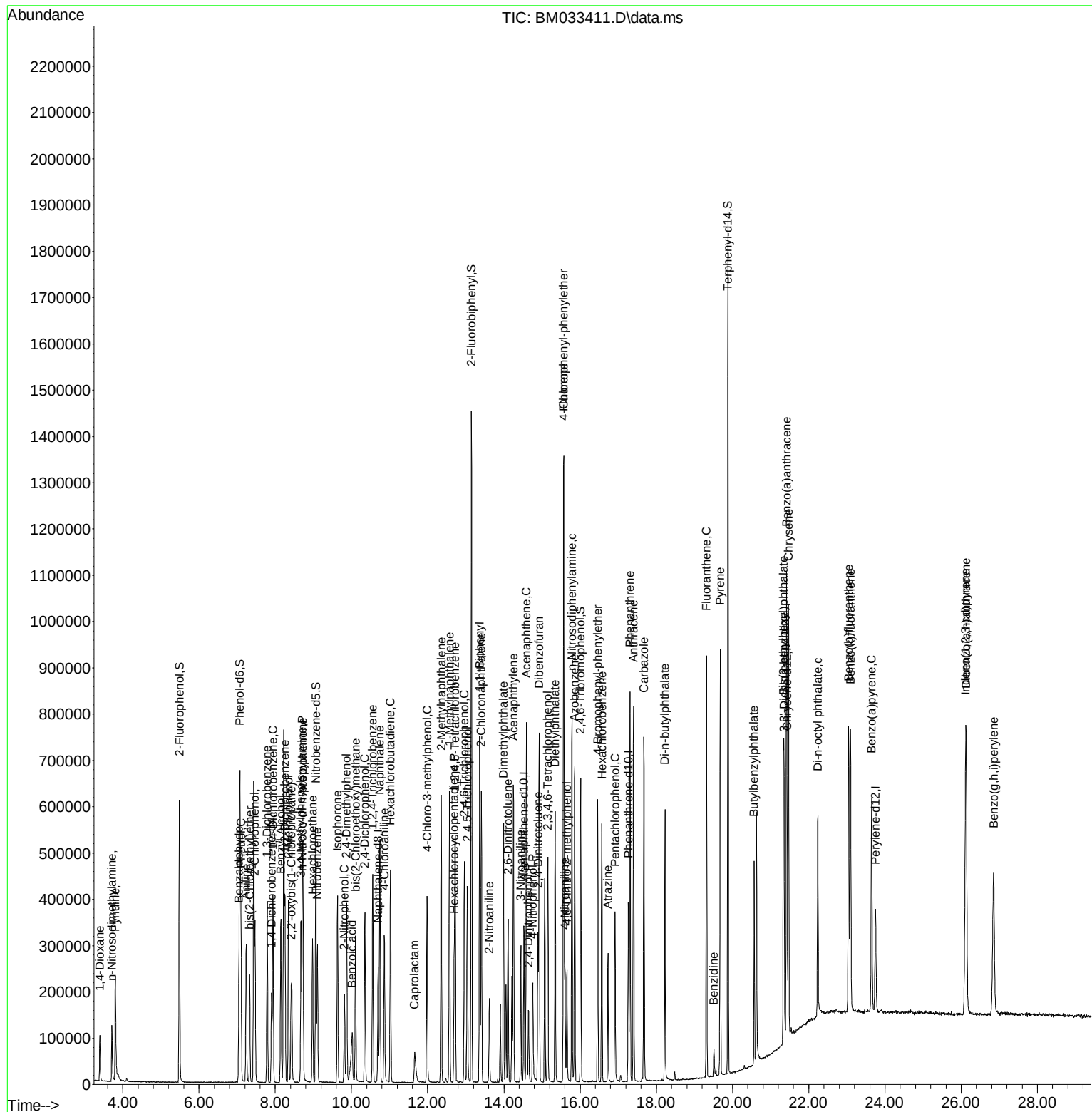
SSTDCCC040

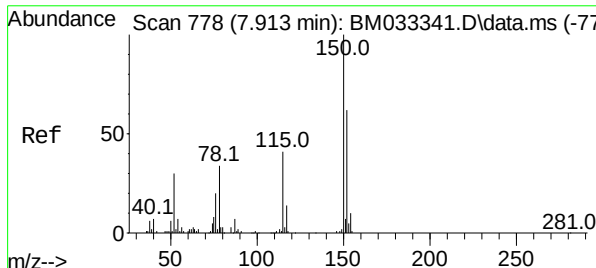
Manual Integrations

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1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.901 min Scan#
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

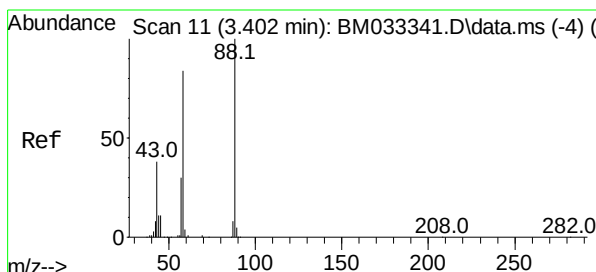
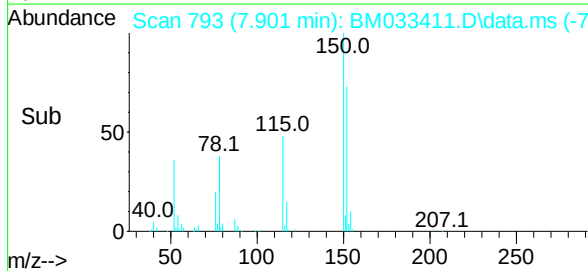
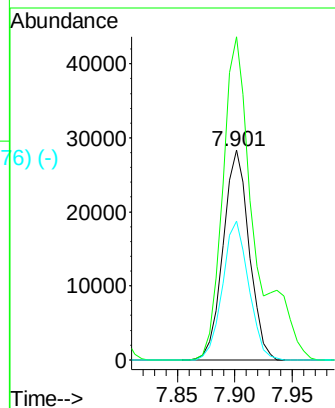
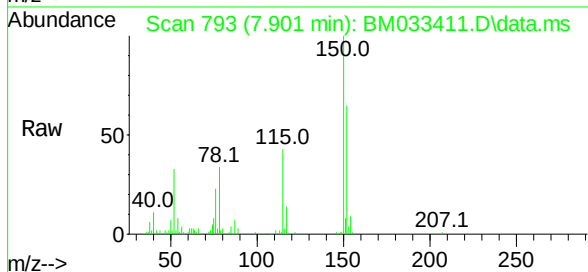
SSTDCCC040

Tgt Ion:152 Resp: 444
 Ion Ratio Lower Upper
 152 100
 150 154.1 128.9 193.3
 115 66.1 53.0 79.6

Manual Integrations

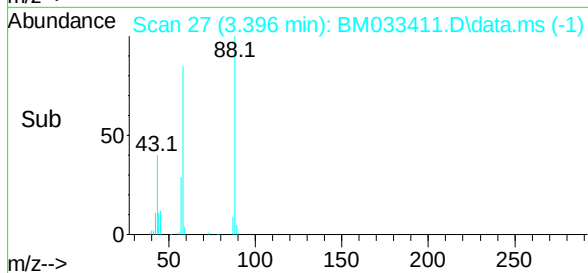
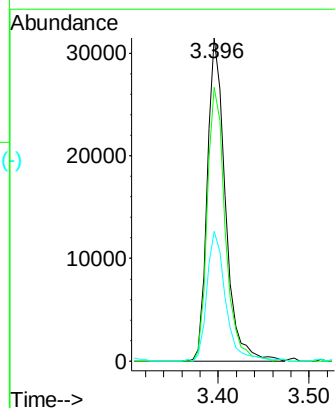
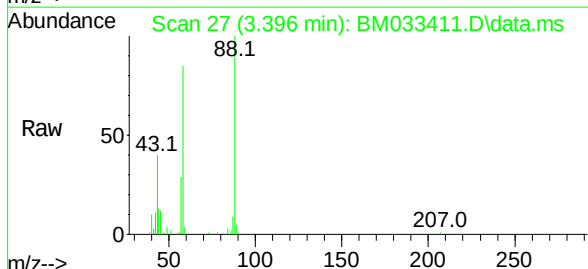
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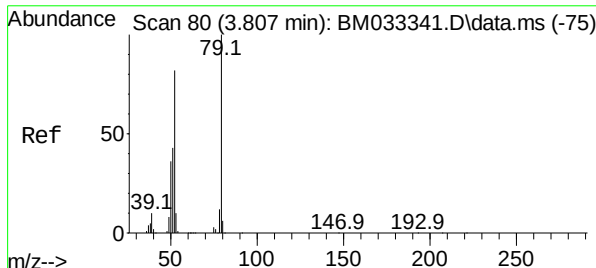
Reviewed By :Christian Giraldo 12/13/2021
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1,4-Dioxane
 Concen: 36.06 ng
 RT: 3.396 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion: 88 Resp: 43508
 Ion Ratio Lower Upper
 88 100
 58 84.1 67.0 100.4
 43 41.7 31.6 47.4





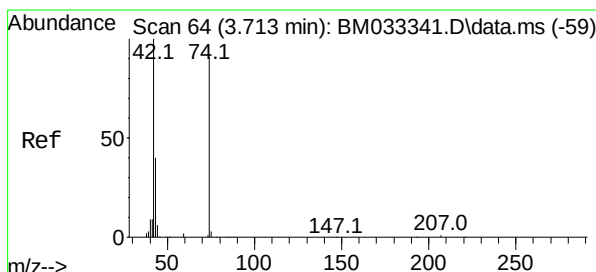
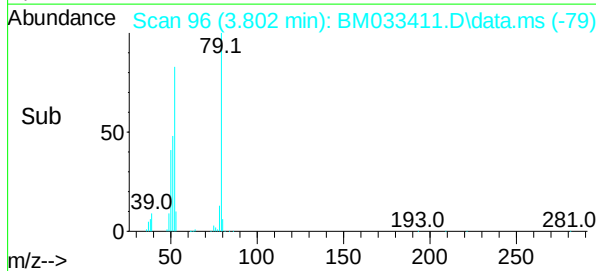
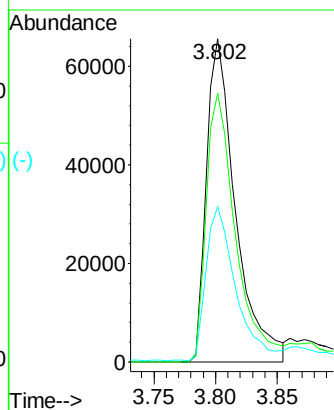
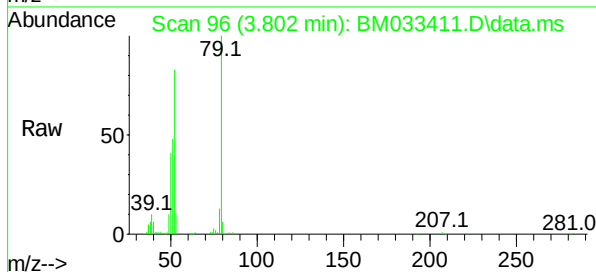
Pyridine
Concen: 35.15 ng
RT: 3.802 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 10768
Ion Ratio Lower Upper
79 100
52 83.1 65.4 98.2
51 48.0 34.8 52.2

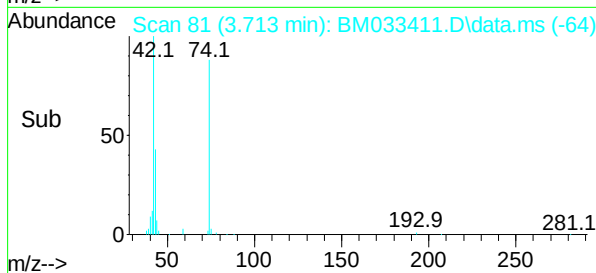
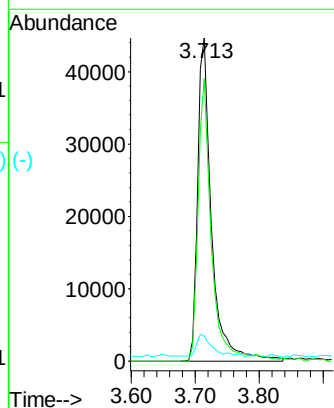
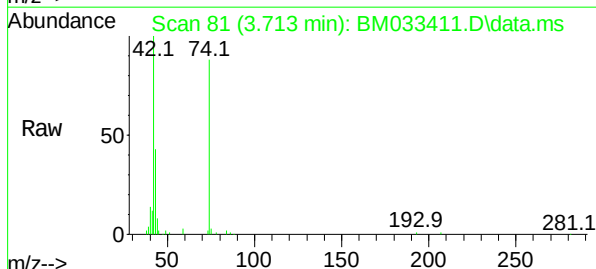
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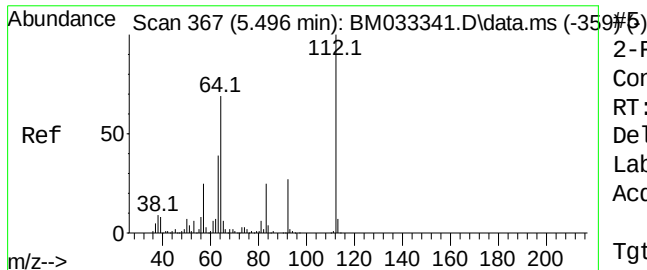
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n-Nitrosodimethylamine
Concen: 38.29 ng
RT: 3.713 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM033411.D
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Tgt Ion: 42 Resp: 68360
Ion Ratio Lower Upper
42 100
74 87.6 72.5 108.7
44 7.9 5.4 8.2





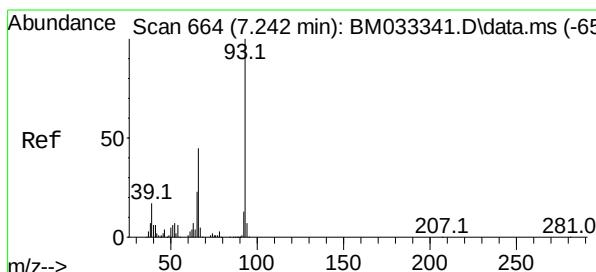
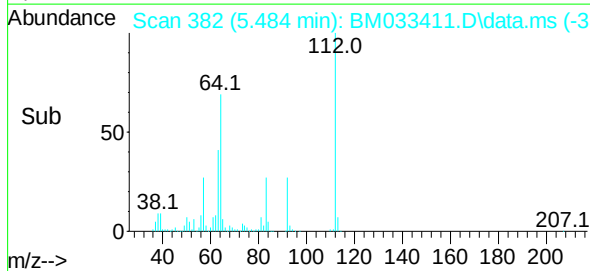
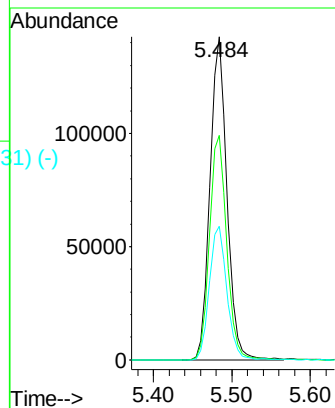
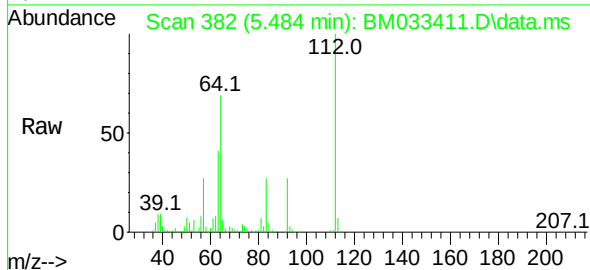
2-Fluorophenol
 Concen: 78.57 ng
 RT: 5.484 min Scan# 679
 Delta R.T. 0.000 min
 Lab File: BM033411.D
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Tgt Ion:	112	Resp:	21270
Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.5	83.3
63	41.4	31.3	46.9

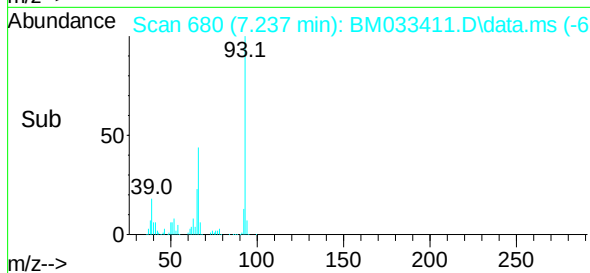
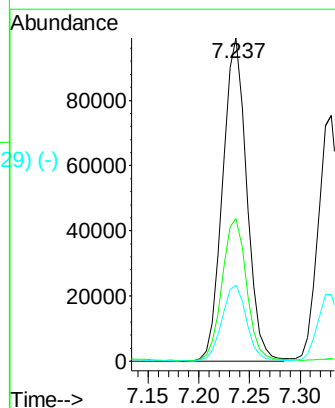
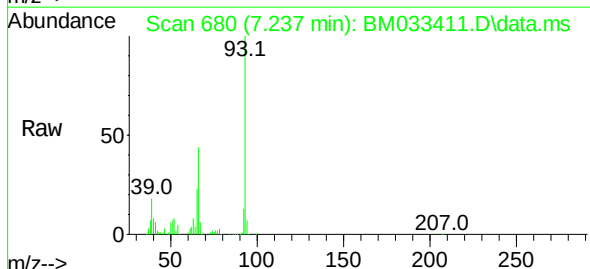
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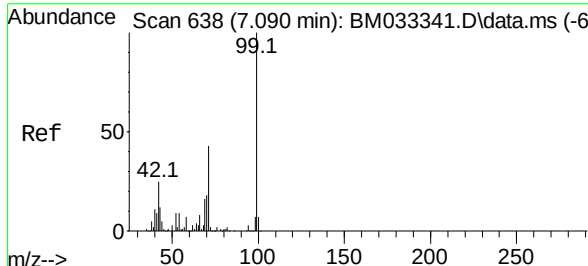
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Aniline
 Concen: 38.60 ng
 RT: 7.237 min Scan# 680
 Delta R.T. 0.000 min
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Tgt Ion:	93	Resp:	163710
Ion	Ratio	Lower	Upper
93	100		
66	44.1	36.0	54.0
65	23.5	18.2	27.4





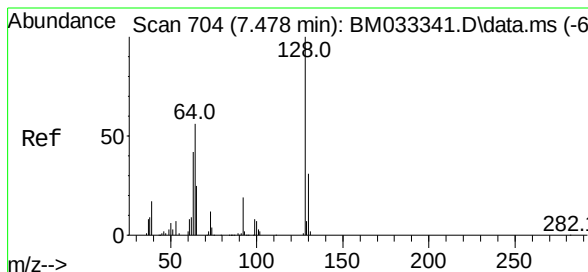
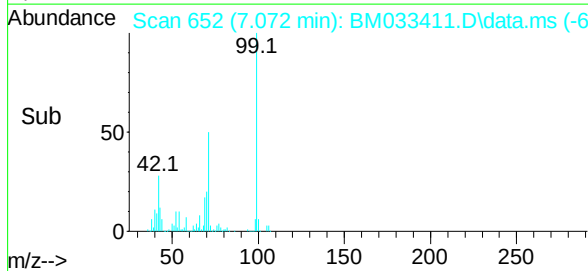
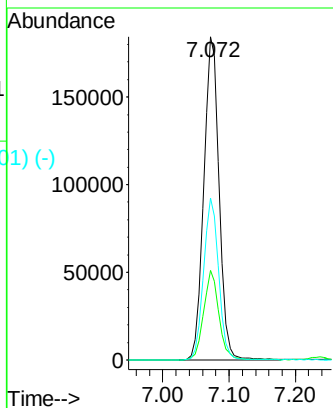
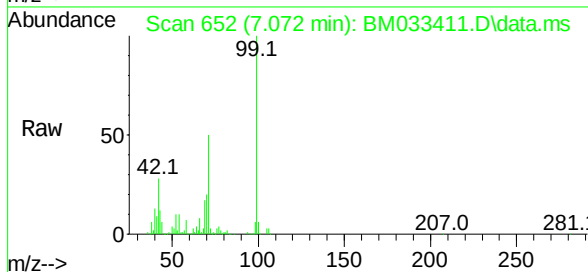
Phenol-d6
 Concen: 78.94 ng
 RT: 7.072 min Scan# 652
 Delta R.T. 0.000 min
 Lab File: BM033411.D
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Tgt Ion:	99	Resp:	29796
Ion	Ratio	Lower	Upper
99	100		
42	27.7	20.3	30.5
71	50.2	34.5	51.7

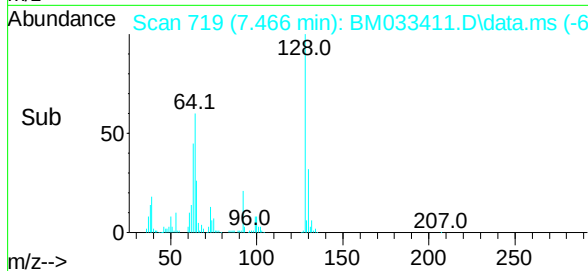
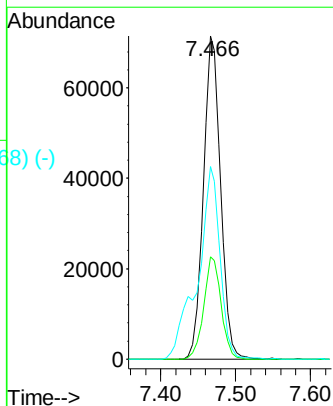
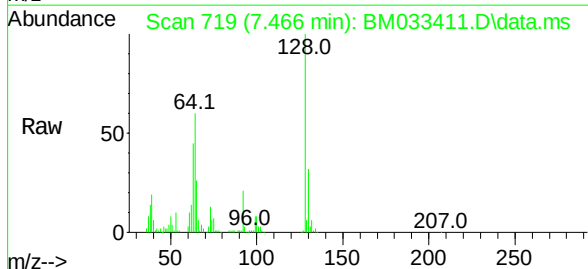
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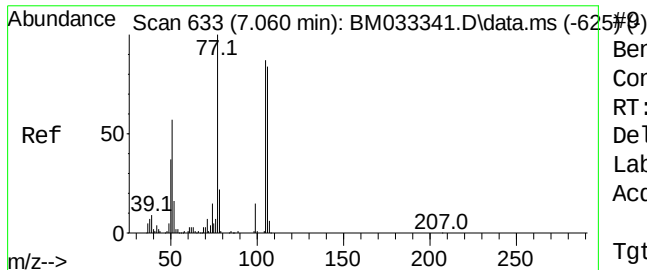
Reviewed By :Christian Giraldo 12/13/2021
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2-Chlorophenol
 Concen: 40.30 ng
 RT: 7.466 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:	128	Resp:	115067
Ion	Ratio	Lower	Upper
128	100		
130	31.7	10.9	50.9
64	59.7	40.6	80.6





Benzaldehyde

Concen: 38.73 ng

RT: 7.048 min Scan# 657

Delta R.T. 0.000 min

Lab File: BM033411.D

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Instrument :

BNM

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 8665

Ion Ratio Lower Upper

77 100

105 85.9 67.1 107.3

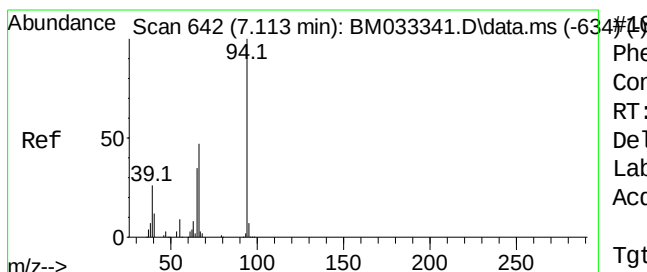
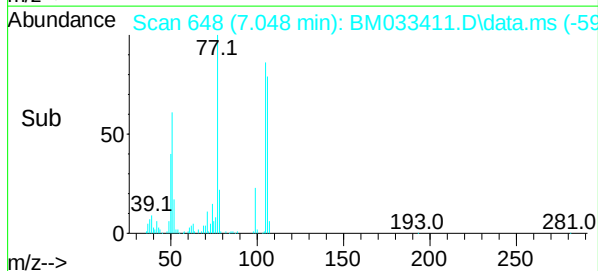
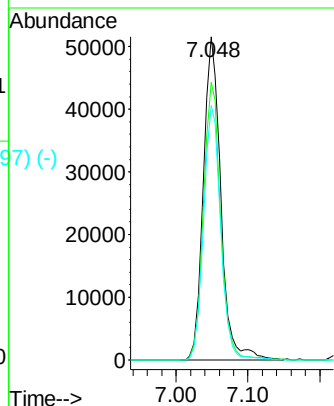
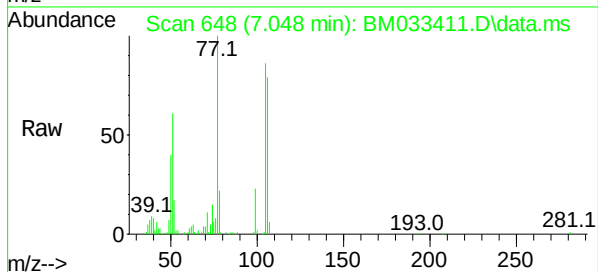
106 78.9 64.3 104.3

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Phenol

Concen: 39.65 ng

RT: 7.101 min Scan# 657

Delta R.T. 0.000 min

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Acq: 11 Dec 2021 14:21

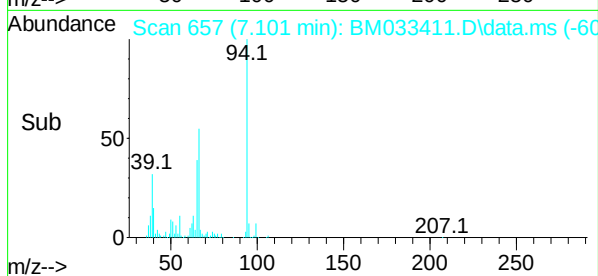
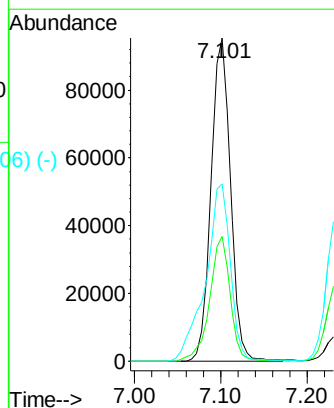
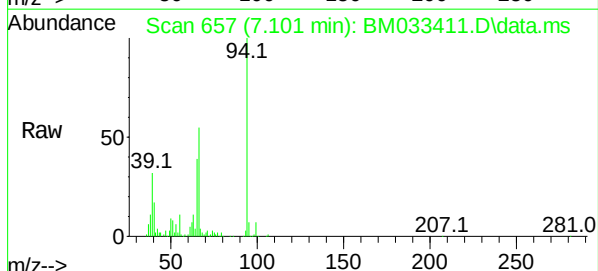
Tgt Ion: 94 Resp: 149393

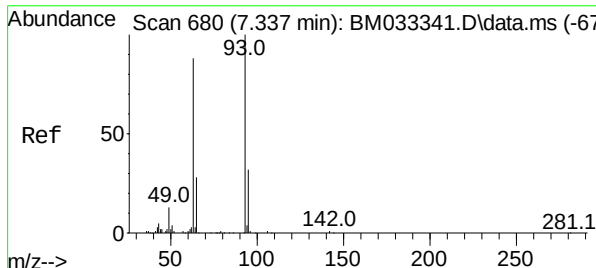
Ion Ratio Lower Upper

94 100

65 38.5 15.5 55.5

66 54.8 28.5 68.5





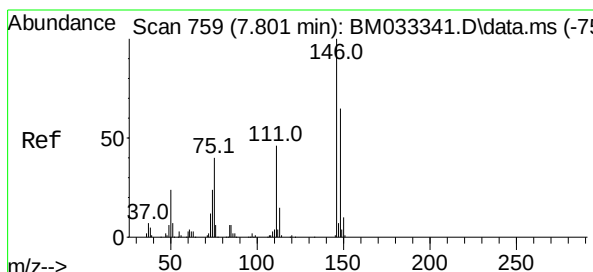
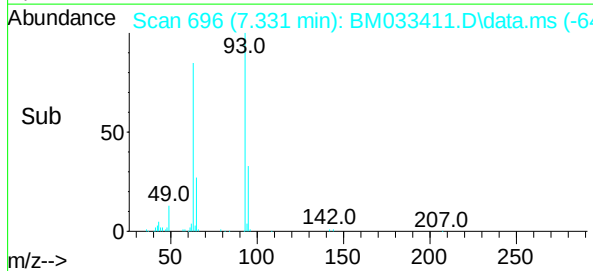
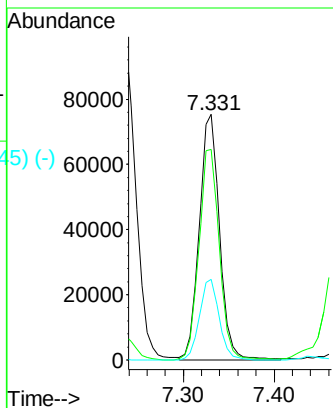
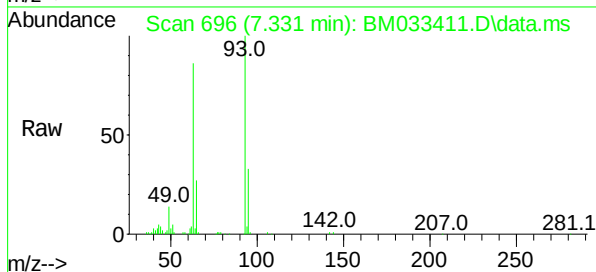
#1
 bis(2-Chloroethyl)ether
 Concen: 39.34 ng
 RT: 7.331 min Scan# 674
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	93	Resp:	11634
Ion	Ratio	Lower	Upper
93	100		
63	85.6	67.0	107.0
95	32.9	11.6	51.6

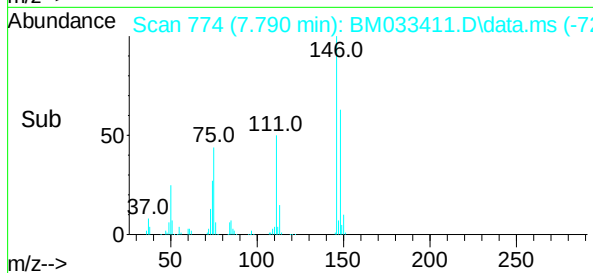
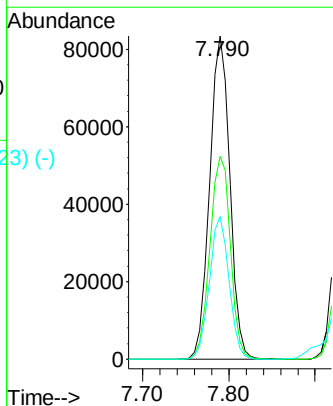
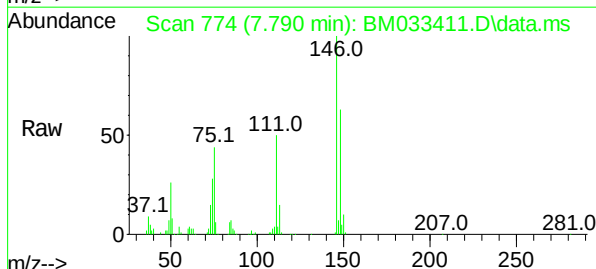
Manual Integrations
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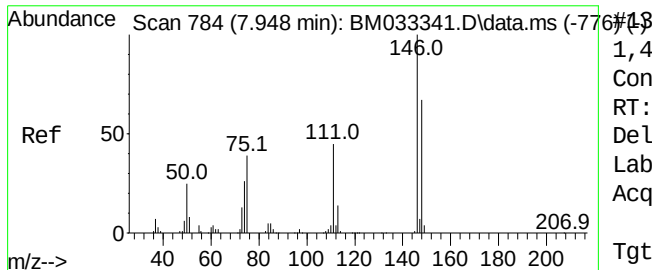
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#12
 1,3-Dichlorobenzene
 Concen: 40.33 ng
 RT: 7.790 min Scan# 774
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:	146	Resp:	135324
Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.1	78.1
75	44.2	32.0	48.0





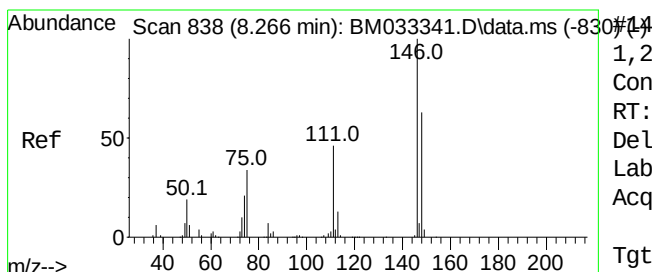
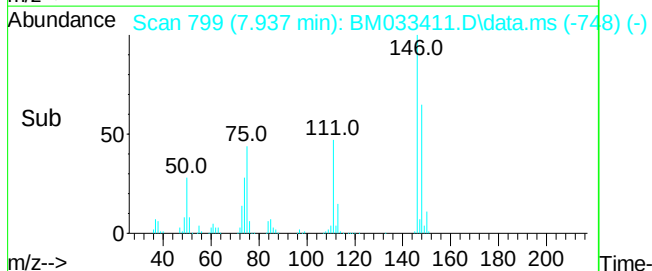
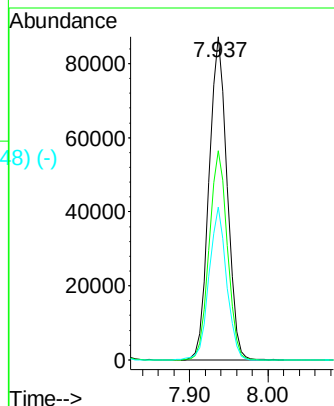
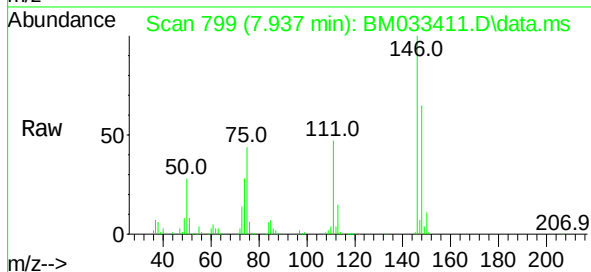
1,4-Dichlorobenzene
Concen: 40.74 ng
RT: 7.937 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 13889
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
111 47.3 36.6 55.0

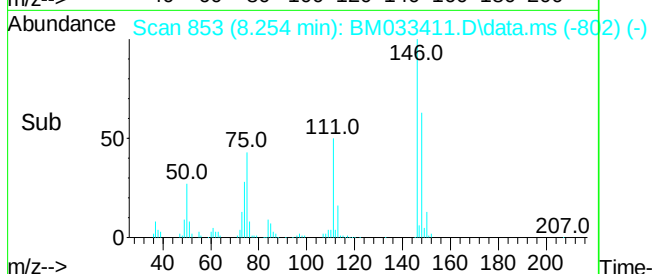
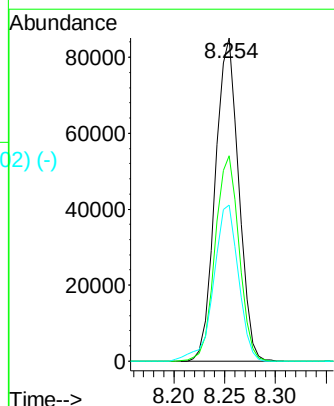
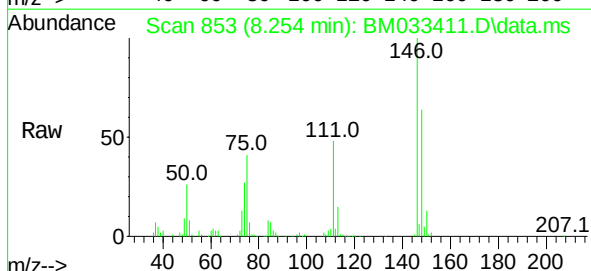
Manual Integrations
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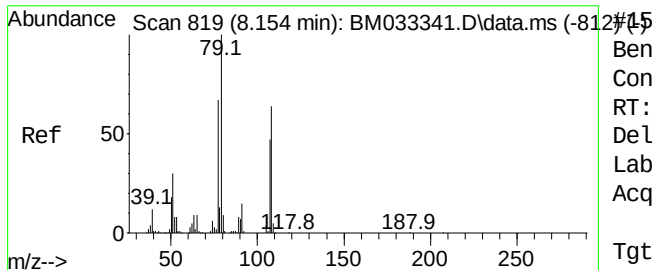
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



1,2-Dichlorobenzene
Concen: 40.86 ng
RT: 8.254 min Scan# 853
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:146 Resp: 136315
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 48.3 37.8 56.8





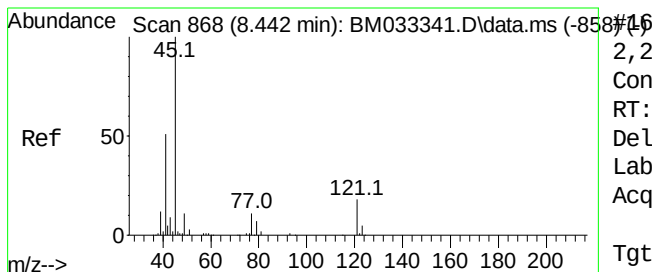
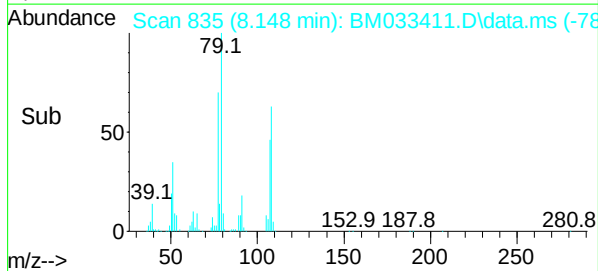
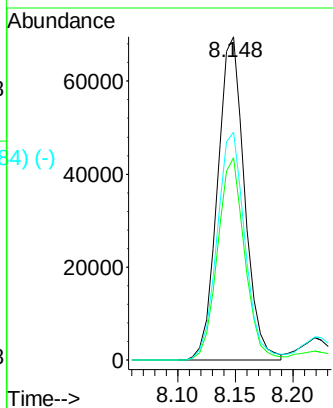
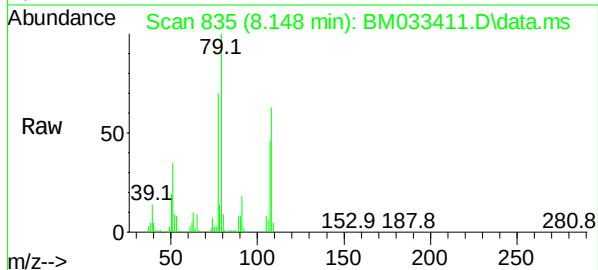
Benzyl Alcohol
 Concen: 36.41 ng
 RT: 8.148 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 11370
 Ion Ratio Lower Upper
 79 100
 108 62.6 51.1 76.7
 77 70.4 53.8 80.8

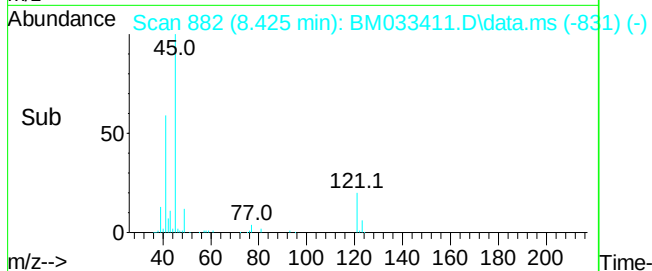
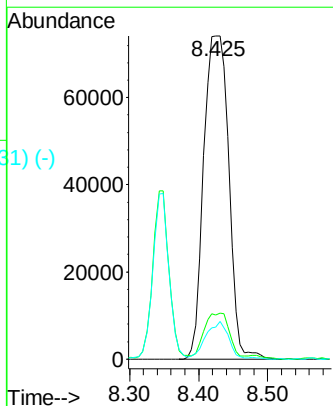
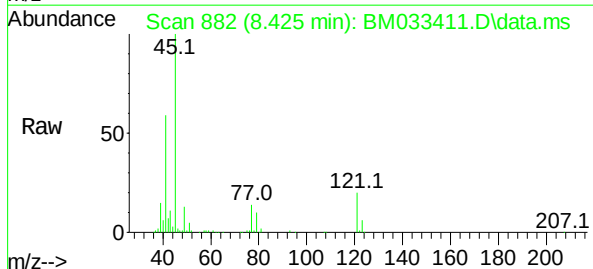
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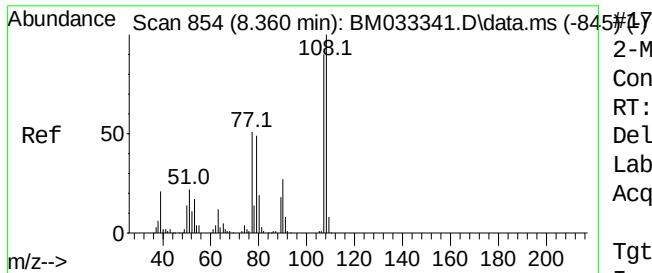
Reviewed By :Christian Giraldo 12/13/2021
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2,2'-oxybis(1-Chloropropane)
 Concen: 35.95 ng
 RT: 8.425 min Scan# 882
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

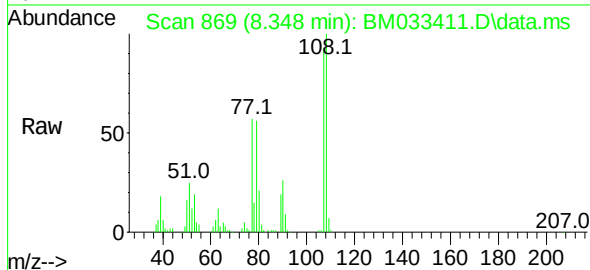
Tgt Ion: 45 Resp: 187796
 Ion Ratio Lower Upper
 45 100
 77 13.6 0.0 33.7
 79 10.0 0.0 30.0





2-Methylphenol
Concen: 40.25 ng
RT: 8.348 min Scan# 817
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

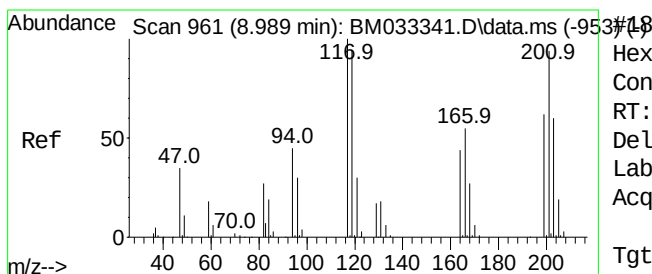
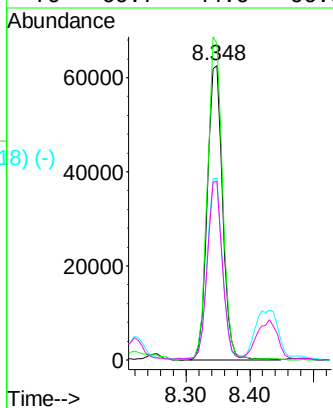
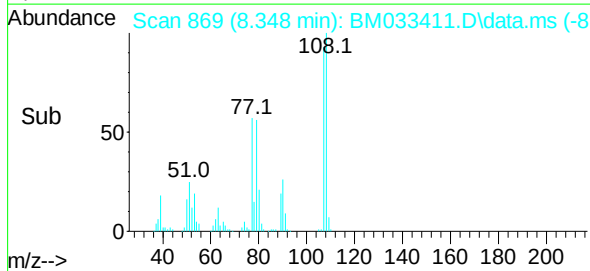
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:	107	Resp:	10326
Ion	Ratio	Lower	Upper
107	100		
108	107.4	89.2	133.8
77	61.7	46.0	69.0
79	60.7	44.0	66.0

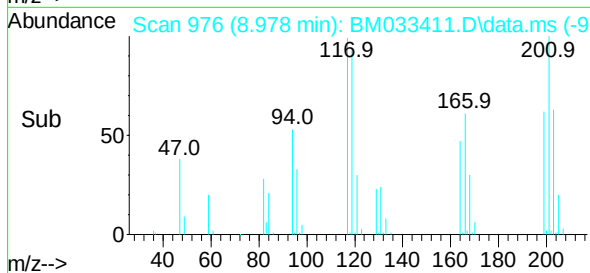
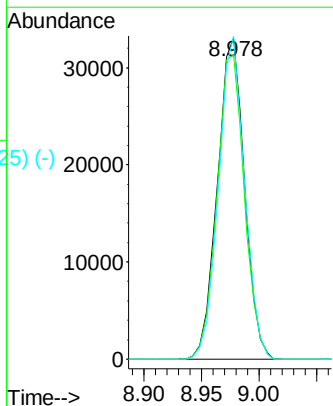
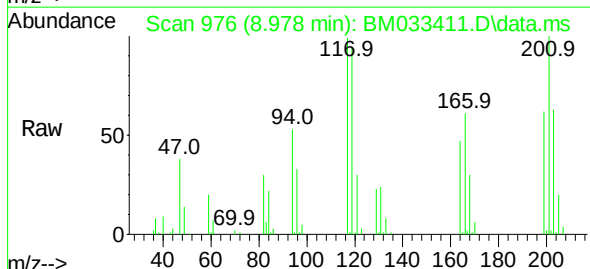
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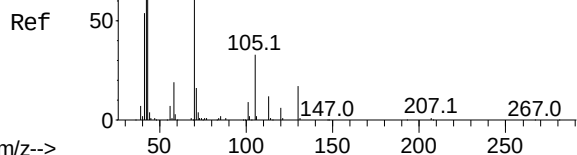
Hexachloroethane
Concen: 40.47 ng
RT: 8.978 min Scan# 976
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:	117	Resp:	54192
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
201	100.6	75.2	112.8

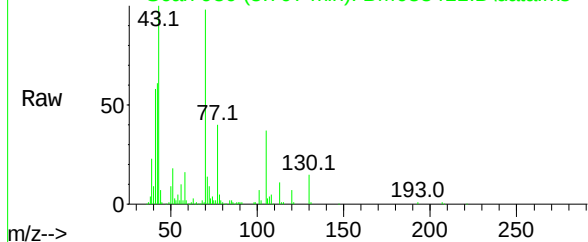


Abundance Scan 915 (8.719 min): BM033341.D\data.ms (-908) #19

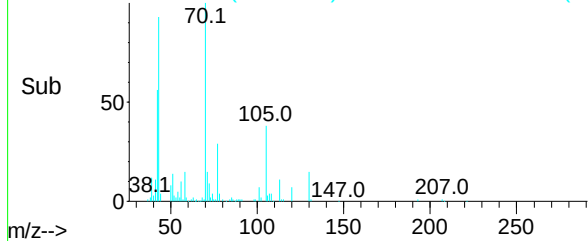
n-Nitroso-di-n-propylamine
Concen: 34.71 ng
RT: 8.707 min Scan# 915
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21



Abundance Scan 930 (8.707 min): BM033411.D\data.ms



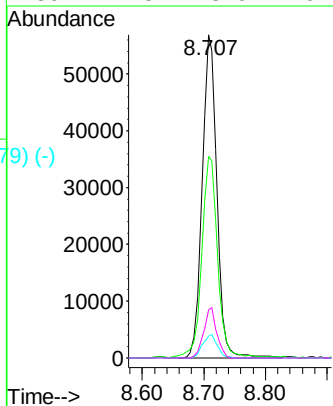
Abundance Scan 930 (8.707 min): BM033411.D\data.ms (-879) (-)



Tgt Ion:	70	Resp:	9376
Ion	Ratio	Lower	Upper
70	100		
42	62.3	54.1	81.1
101	6.8	7.8	11.6
130	14.8	13.9	20.9

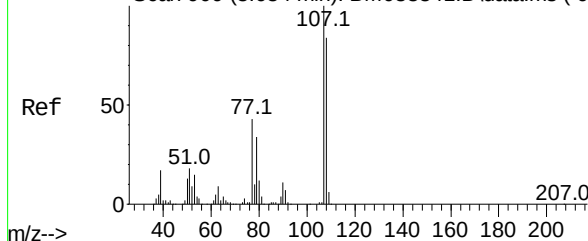
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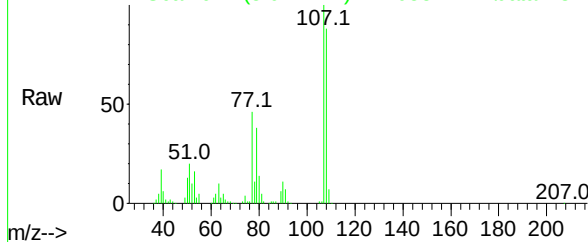


Abundance Scan 909 (8.684 min): BM033341.D\data.ms (-900) #20

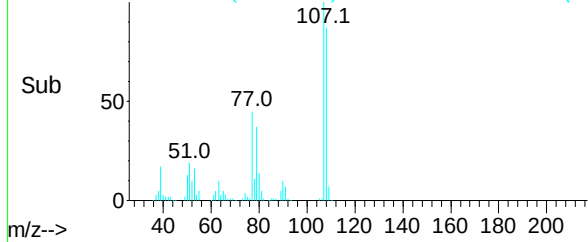
3+4-Methylphenols
Concen: 39.68 ng
RT: 8.672 min Scan# 924
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21



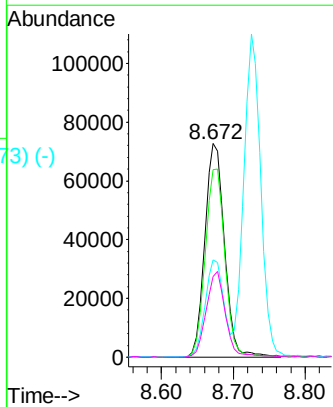
Abundance Scan 924 (8.672 min): BM033411.D\data.ms

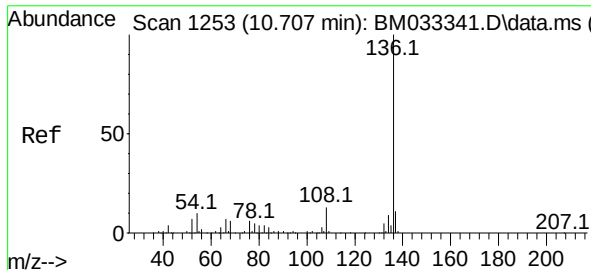


Abundance Scan 924 (8.672 min): BM033411.D\data.ms (-873) (-)



Tgt Ion:	107	Resp:	138140
Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.2	104.2
77	45.5	22.7	62.7
79	37.8	13.9	53.9





Naphthalene-d8
Concen: 20.00 ng
RT: 10.695 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

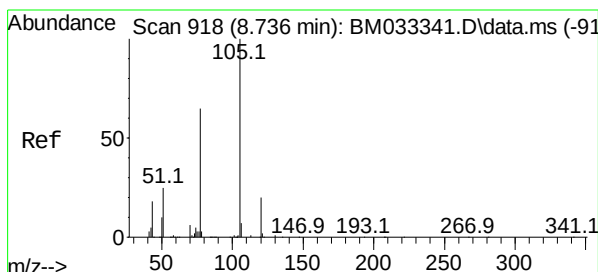
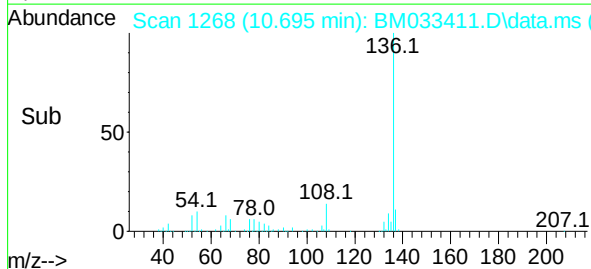
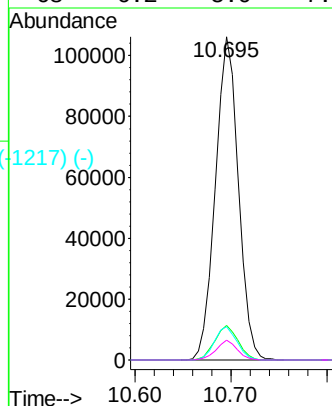
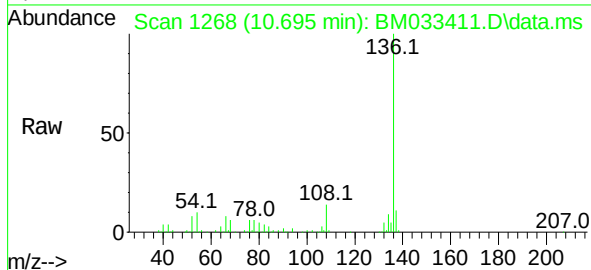
SSTDCCC040

Tgt Ion:	136	Resp:	17578
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.2	8.3	12.5
68	6.2	5.0	7.6

Manual Integrations

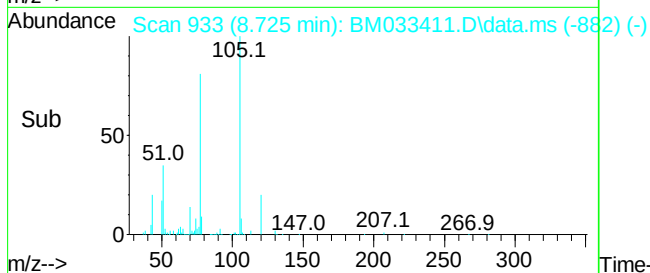
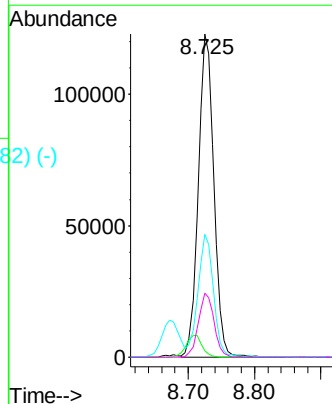
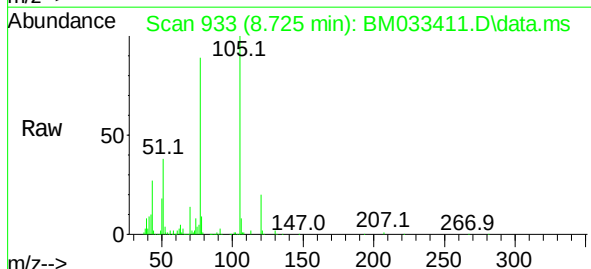
APPROVED

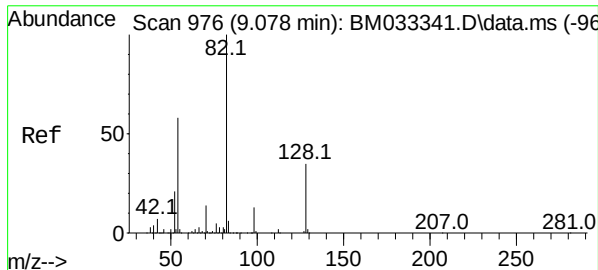
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



Acetophenone
Concen: 42.41 ng
RT: 8.725 min Scan# 933
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:	105	Resp:	201717
Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.6	2.4
51	37.9	27.7	41.5
120	19.8	16.2	24.2





Nitrobenzene-d5
Concen: 66.78 ng
RT: 9.066 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

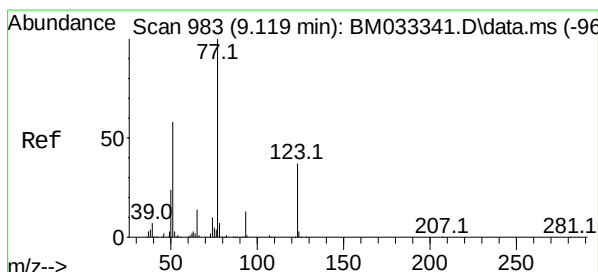
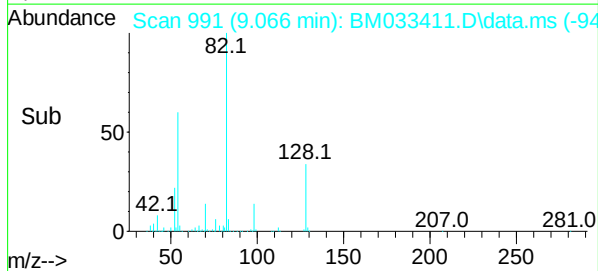
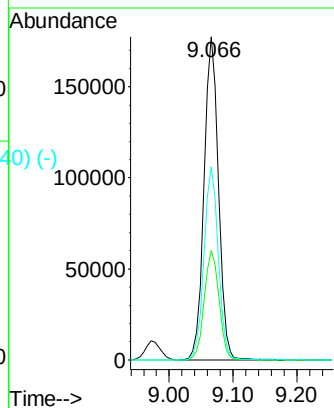
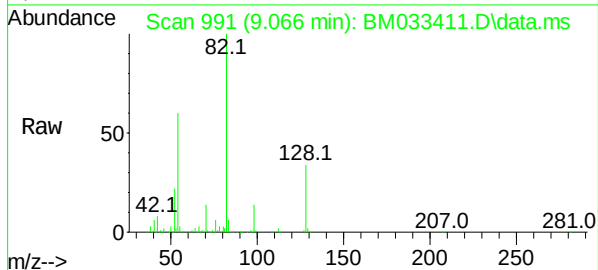
SSTDCCC040

Tgt Ion: 82 Resp: 27648
Ion Ratio Lower Upper
82 100
128 33.8 28.1 42.3
54 59.9 46.1 69.1

Manual Integrations

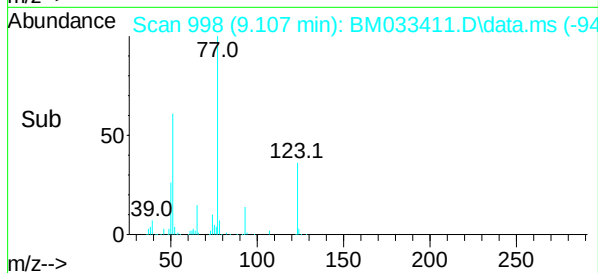
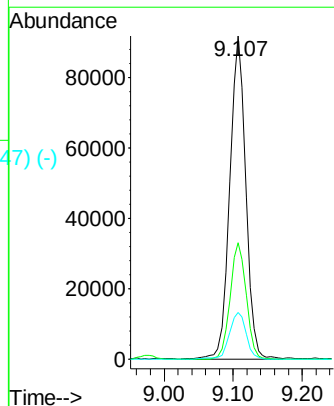
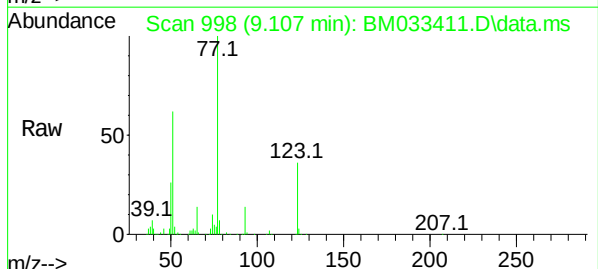
APPROVED

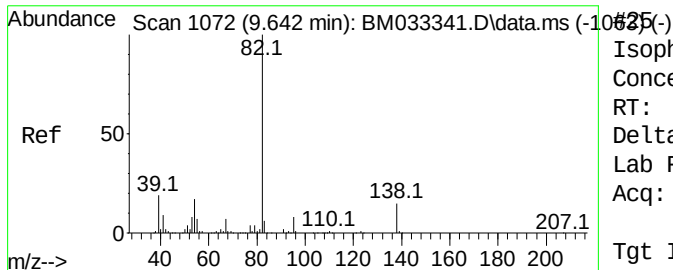
Reviewed By :Christian Giraldo 12/13/2021
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Nitrobenzene
Concen: 37.36 ng
RT: 9.107 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion: 77 Resp: 148024
Ion Ratio Lower Upper
77 100
123 36.1 29.8 44.8
65 14.4 11.5 17.3





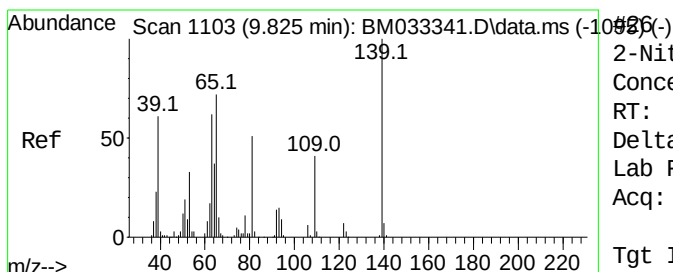
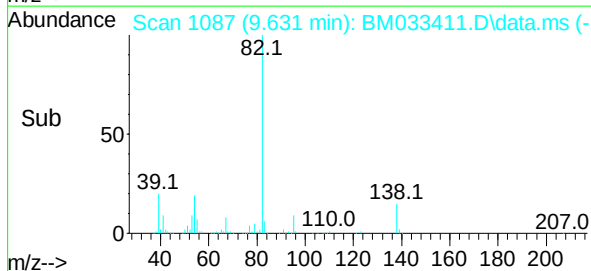
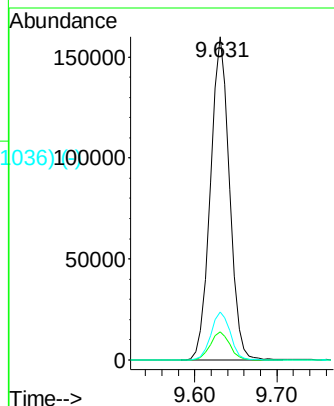
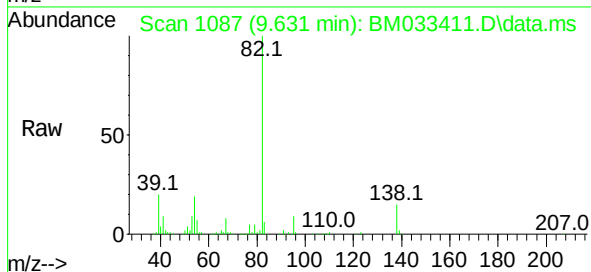
Isophorone
Concen: 41.00 ng
RT: 9.631 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 25778
Ion Ratio Lower Upper
82 100
95 8.7 6.4 9.6
138 14.9 12.4 18.6

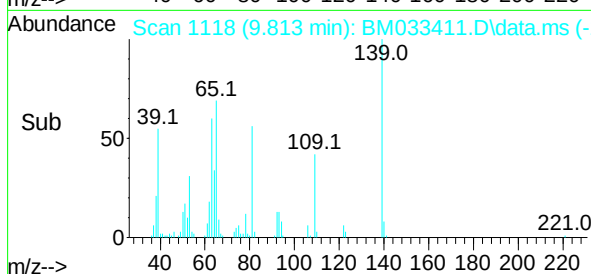
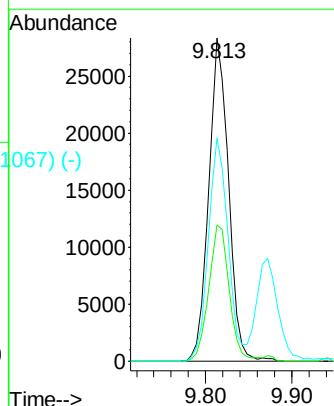
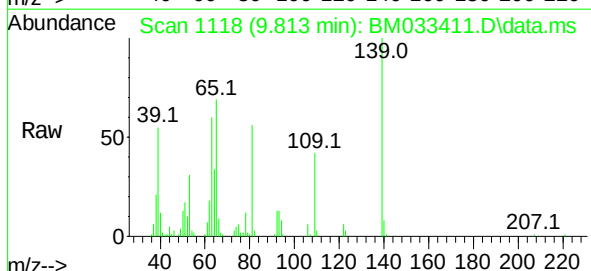
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Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

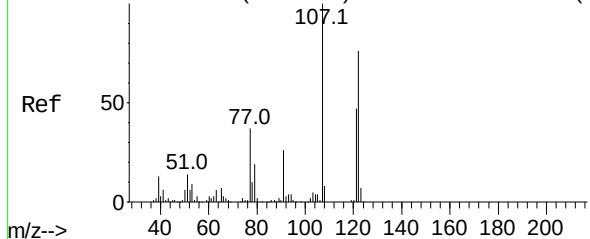


2-Nitrophenol
Concen: 30.91 ng
RT: 9.813 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:139 Resp: 45018
Ion Ratio Lower Upper
139 100
109 42.2 33.0 49.6
65 69.2 57.2 85.8



Abundance Scan 1113 (9.883 min): BM033341.D\data.ms (-1127) (-)



2,4-Dimethylphenol
Concen: 39.88 ng
RT: 9.872 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

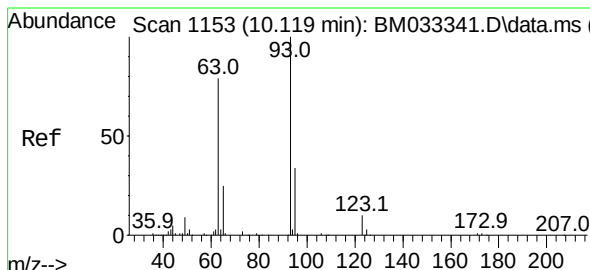
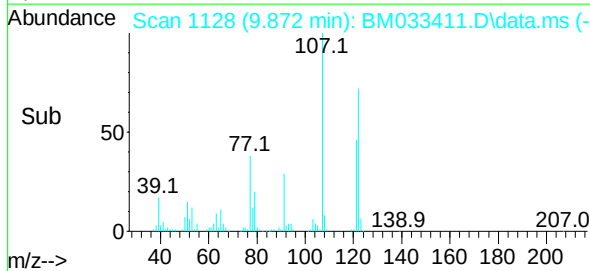
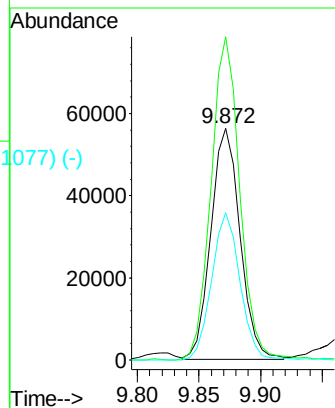
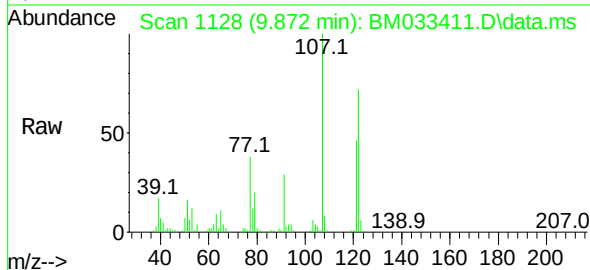
SSTDCCC040

Tgt Ion:122 Resp: 9249
Ion Ratio Lower Upper
122 100
107 139.3 105.3 157.9
121 63.5 49.7 74.9

Manual Integrations

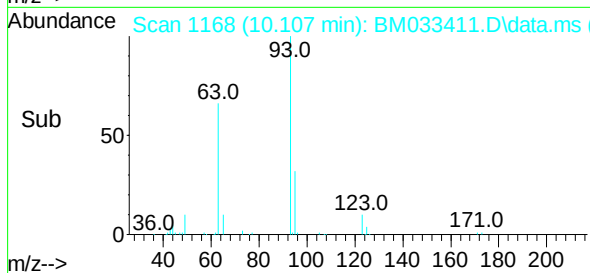
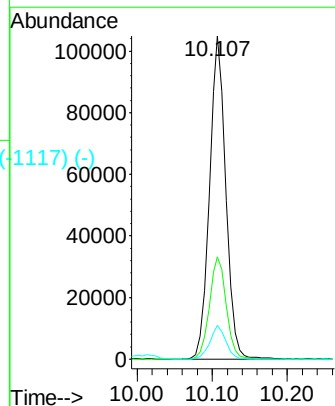
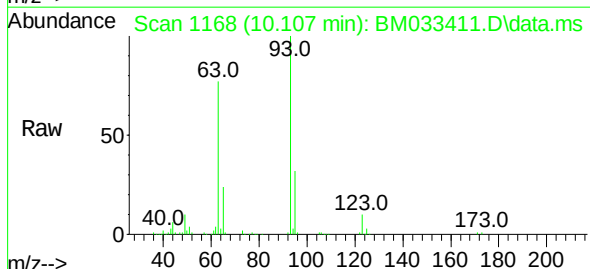
APPROVED

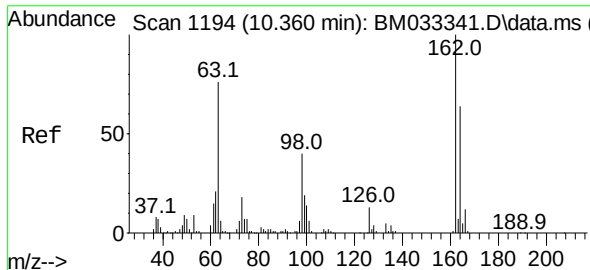
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



bis(2-Chloroethoxy)methane
Concen: 40.19 ng
RT: 10.107 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion: 93 Resp: 159614
Ion Ratio Lower Upper
93 100
95 31.6 26.8 40.2
123 10.4 8.0 12.0





2,4-Dichlorophenol
Concen: 42.51 ng
RT: 10.348 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

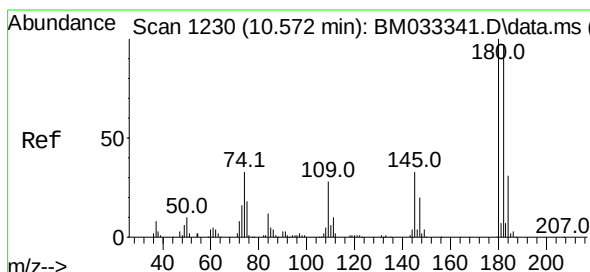
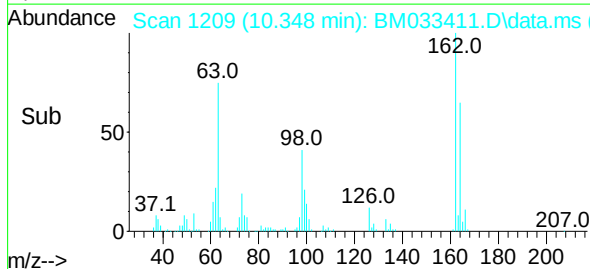
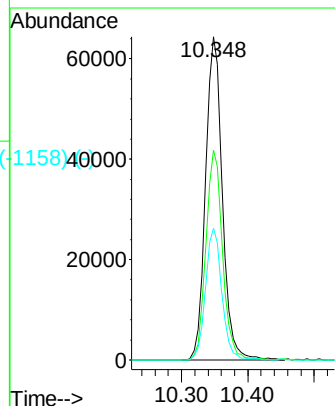
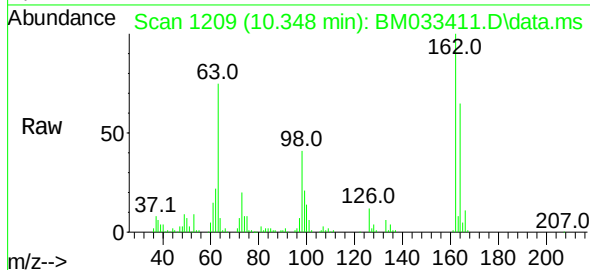
SSTDCCC040

Tgt Ion:162 Resp: 11407
Ion Ratio Lower Upper
162 100
164 64.9 44.4 84.4
98 40.7 19.6 59.6

Manual Integrations

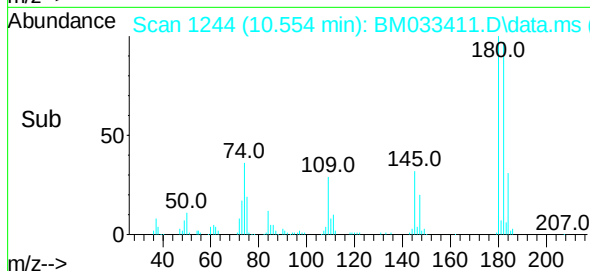
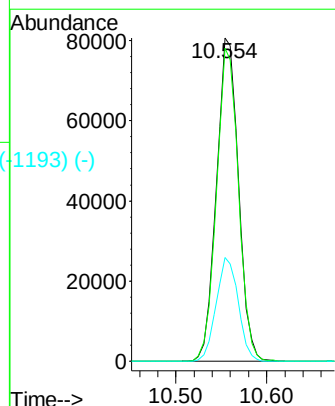
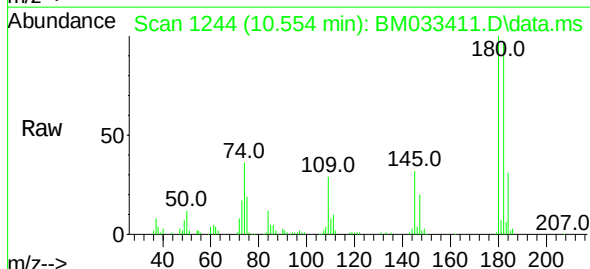
APPROVED

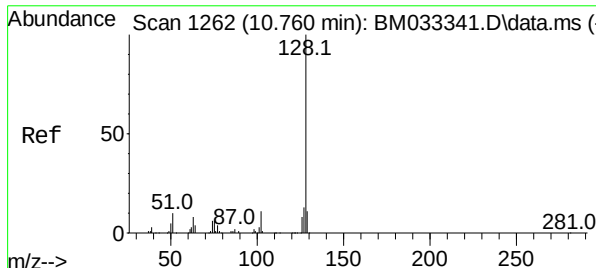
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



1,2,4-Trichlorobenzene
Concen: 42.94 ng
RT: 10.554 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:180 Resp: 135756
Ion Ratio Lower Upper
180 100
182 96.8 77.8 116.8
145 32.0 26.0 39.0





Naphthalene
 Concen: 41.46 ng
 RT: 10.748 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

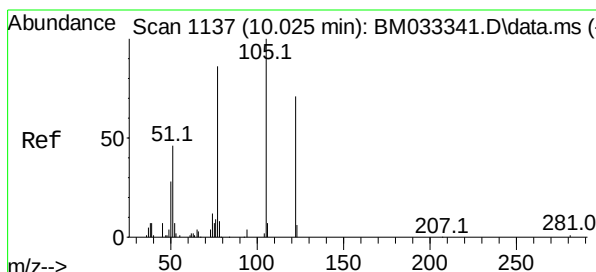
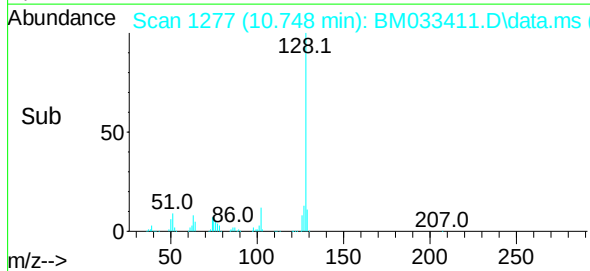
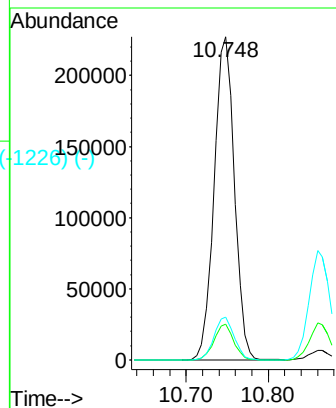
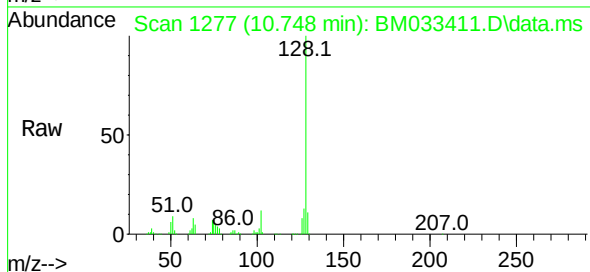
SSTDCCC040

Tgt Ion:128 Resp: 38947
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.5 12.7
 127 13.3 10.8 16.2

Manual Integrations

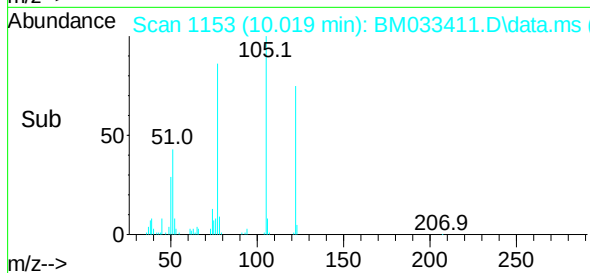
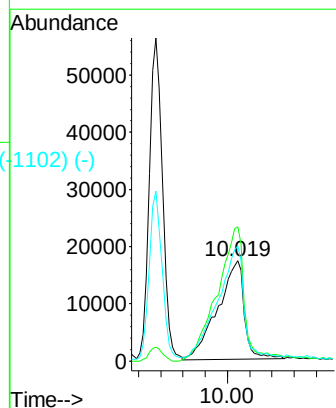
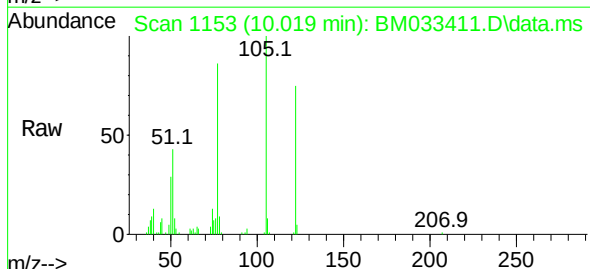
APPROVED

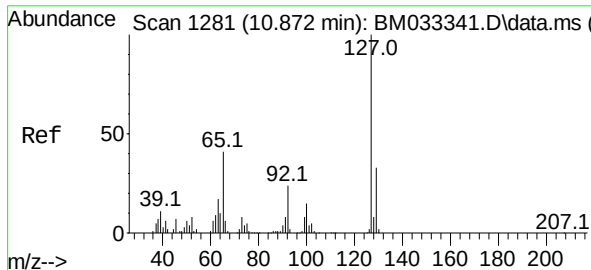
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Benzoic acid
 Concen: 34.44 ng
 RT: 10.019 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:122 Resp: 57856
 Ion Ratio Lower Upper
 122 100
 105 133.6 119.6 159.6
 77 114.8 101.0 141.0





4-Chloroaniline
 Concen: 38.61 ng
 RT: 10.860 min Scan# 127
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

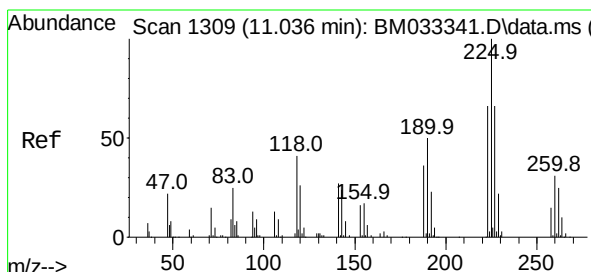
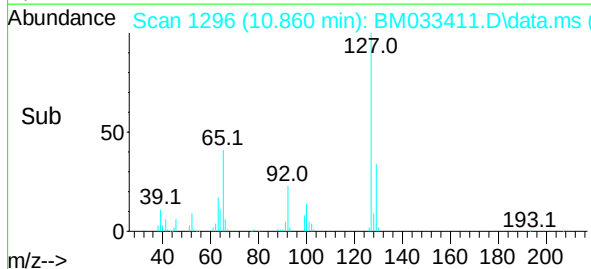
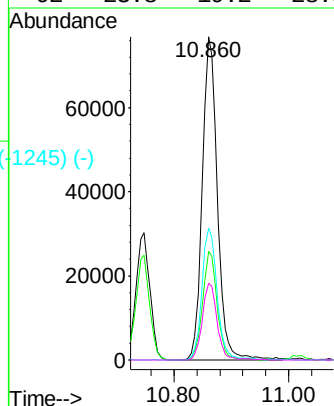
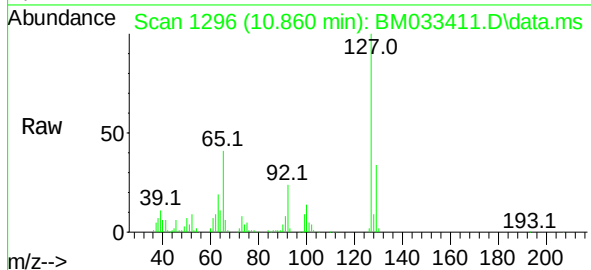
SSTDCCC040

Tgt Ion:	127	Resp:	14068
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.4
65	40.7	33.0	49.6
92	23.8	19.2	28.8

Manual Integrations

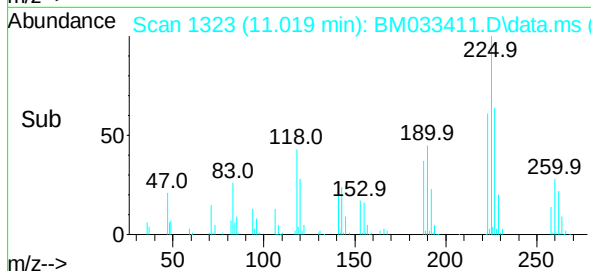
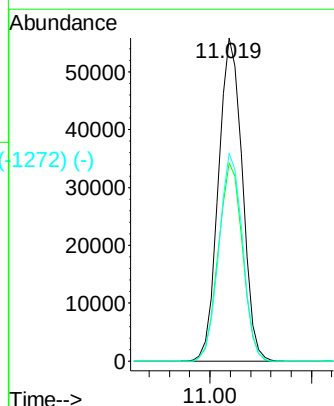
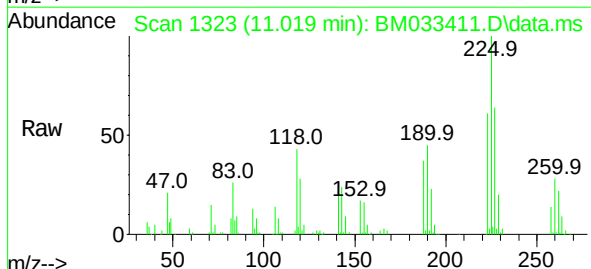
APPROVED

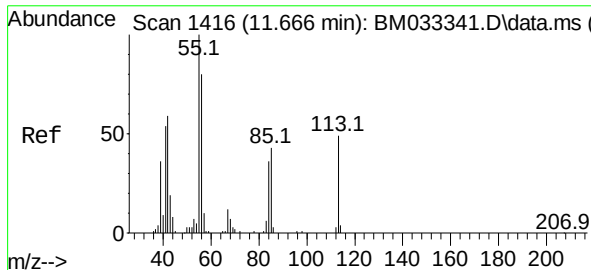
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Hexachlorobutadiene
 Concen: 45.73 ng
 RT: 11.019 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:	225	Resp:	91308
Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.5	78.7
227	64.3	52.7	79.1





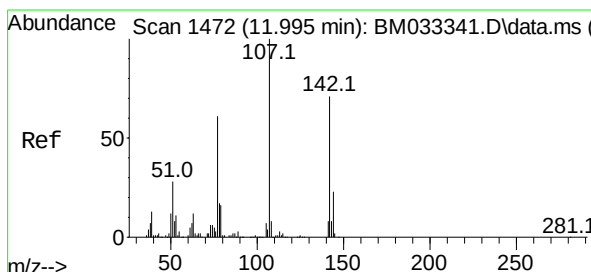
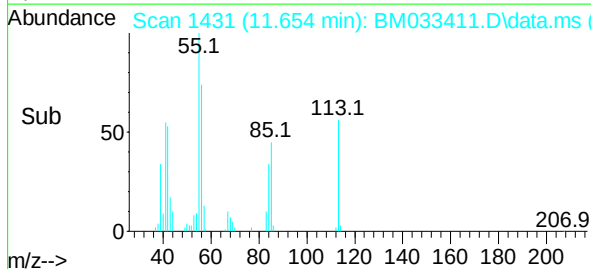
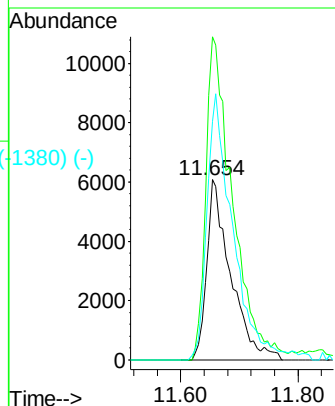
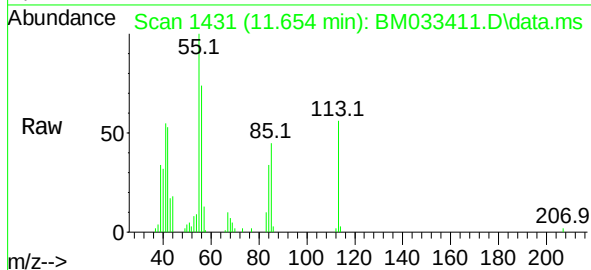
Caprolactam
Concen: 32.72 ng m
RT: 11.654 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 1710
Ion Ratio Lower Upper
113 100
55 179.3 183.6 223.6
56 132.3 143.7 183.7

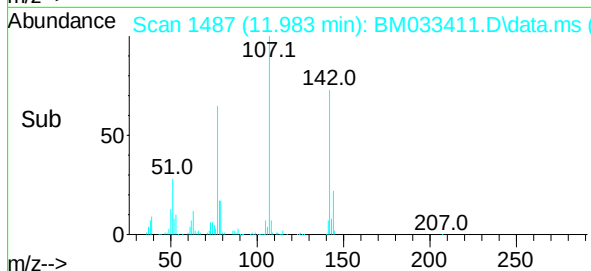
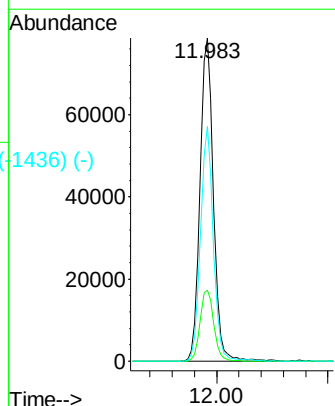
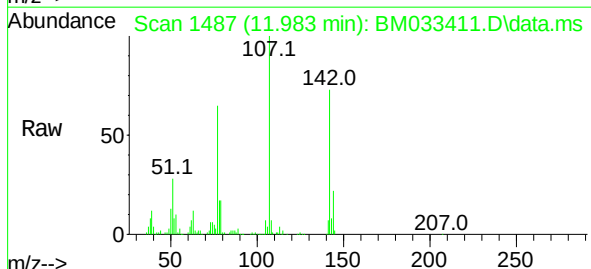
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

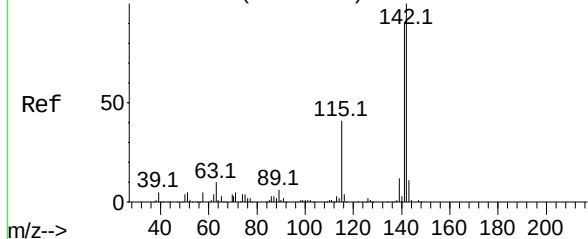


4-Chloro-3-methylphenol
Concen: 40.99 ng
RT: 11.983 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:107 Resp: 132122
Ion Ratio Lower Upper
107 100
144 22.0 18.6 27.8
142 72.7 56.9 85.3



Abundance Scan 1535 (12.366 min): BM033411.D\data.ms (-1535) (-)



2-Methylnaphthalene
Concen: 41.75 ng
RT: 12.354 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

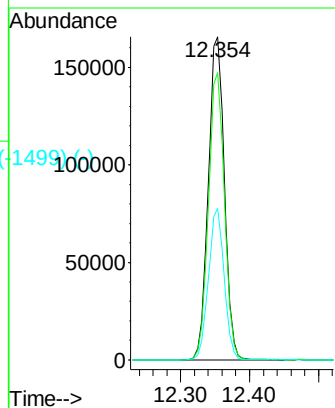
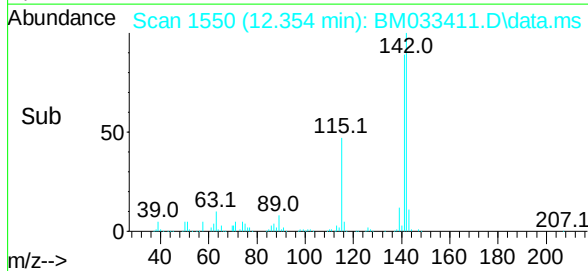
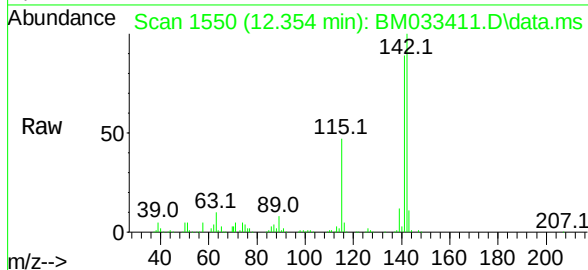
SSTDCCC040

Tgt Ion:142 Resp: 26812
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2
115 47.0 33.0 49.6

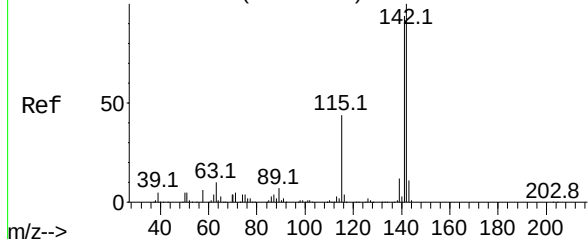
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

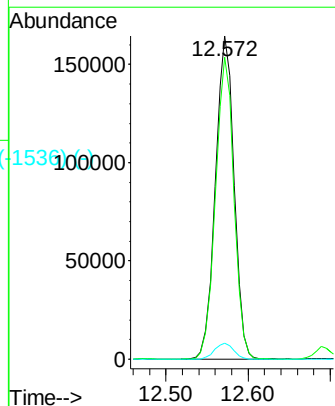
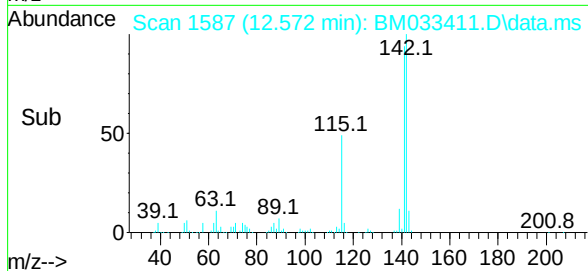
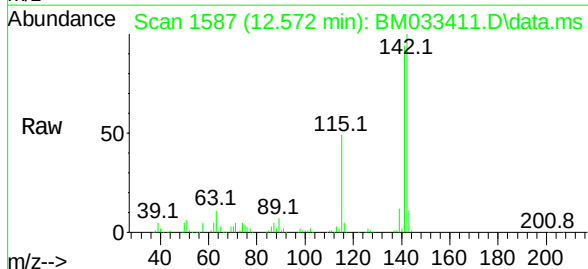


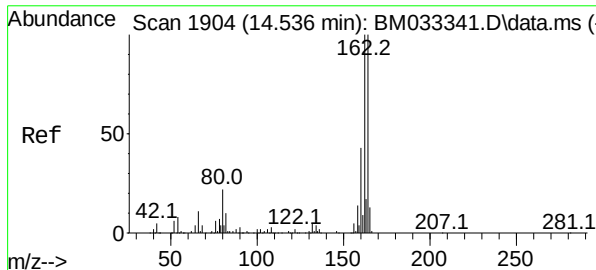
Abundance Scan 1572 (12.583 min): BM033411.D\data.ms (-1568) (-)



1-Methylnaphthalene
Concen: 41.12 ng
RT: 12.572 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:142 Resp: 260393
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4
116 4.9 3.5 5.3





Acenaphthene-d10
Concen: 20.00 ng
RT: 14.524 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

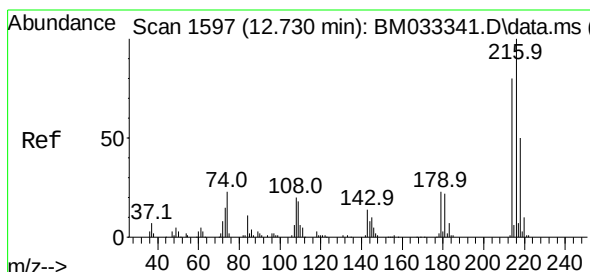
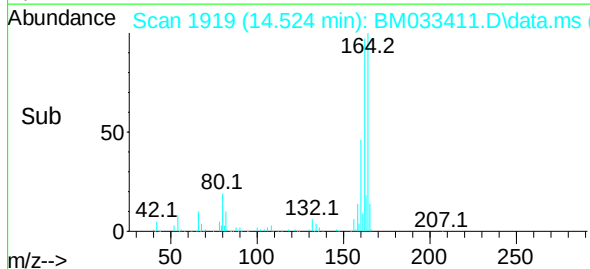
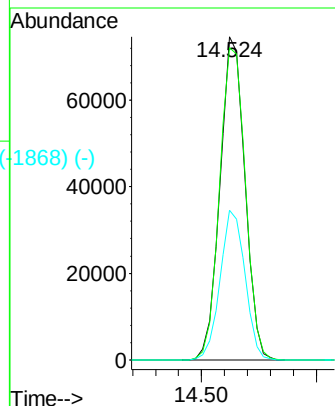
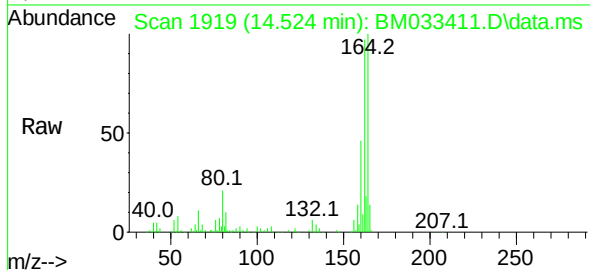
SSTDCCC040

Tgt Ion:164 Resp: 1123
Ion Ratio Lower Upper
164 100
162 96.7 79.7 119.5
160 46.3 34.2 51.4

Manual Integrations

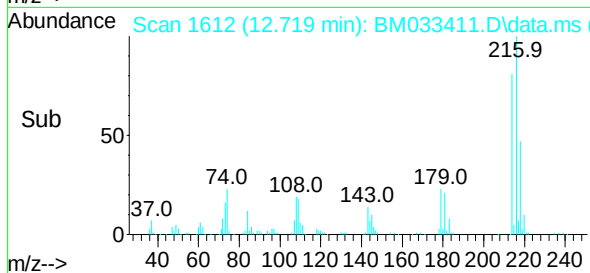
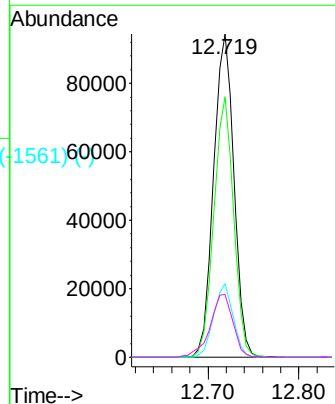
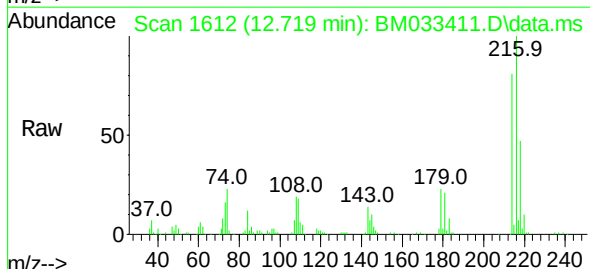
APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



1,2,4,5-Tetrachlorobenzene
Concen: 44.24 ng
RT: 12.719 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:216 Resp: 146821
Ion Ratio Lower Upper
216 100
214 78.1 62.6 93.8
179 21.8 18.2 27.2
108 21.8 18.0 27.0



Abundance Scan 1593 (12.707 min): BM033411.D\data.ms (-1555) (-)

Hexachlorocyclopentadiene

Concen: 36.44 ng

RT: 12.689 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BM033411.D

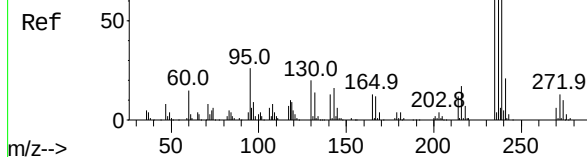
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion: 237 Resp: 6443

Ion Ratio Lower Upper

237 100

235 60.4 41.7 81.7

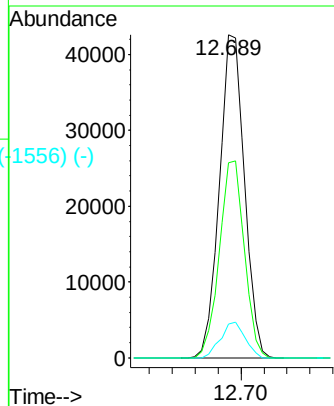
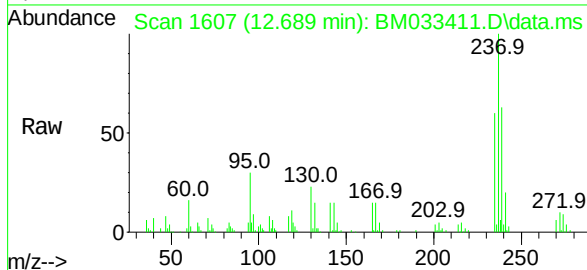
272 10.5 0.0 32.5

Manual Integrations

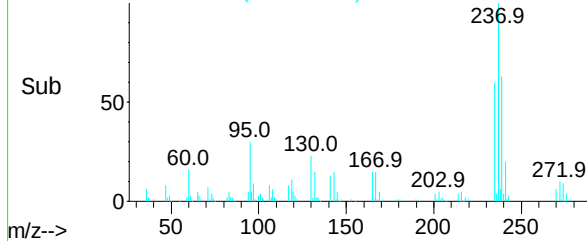
APPROVED

Reviewed By : Christian Giraldo 12/13/2021

Supervised By : Jagrut Upadhyay 12/13/2021



Abundance Scan 1607 (12.689 min): BM033411.D\data.ms (-1556) (-)



Abundance Scan 2157 (16.024 min): BM033411.D\data.ms (-2150) (-)

2,4,6-Tribromophenol

Concen: 78.25 ng

RT: 16.013 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BM033411.D

Acq: 11 Dec 2021 14:21

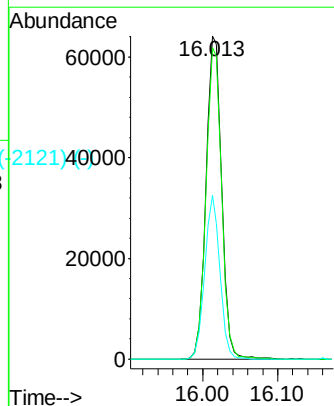
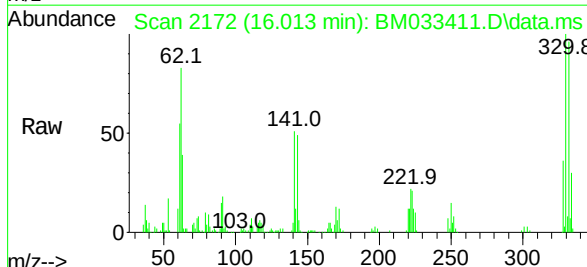
Tgt Ion: 330 Resp: 94016

Ion Ratio Lower Upper

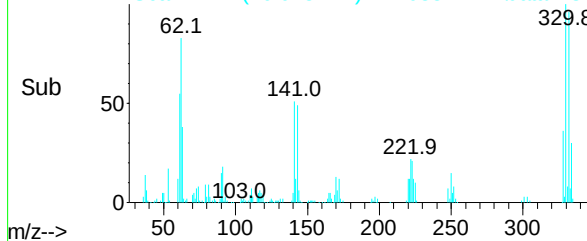
330 100

332 96.5 76.5 114.7

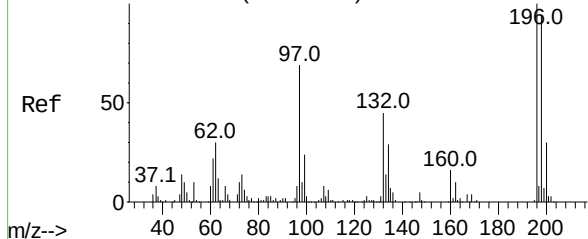
141 49.1 35.9 53.9



Abundance Scan 2172 (16.013 min): BM033411.D\data.ms (-2121) (-)



Abundance Scan 1638 (12.972 min): BM033341.D\data.ms (-1643) (-)



2,4,6-Trichlorophenol
Concen: 41.31 ng
RT: 12.960 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

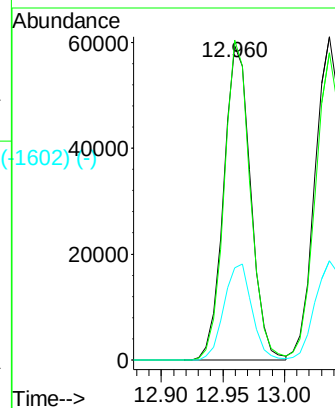
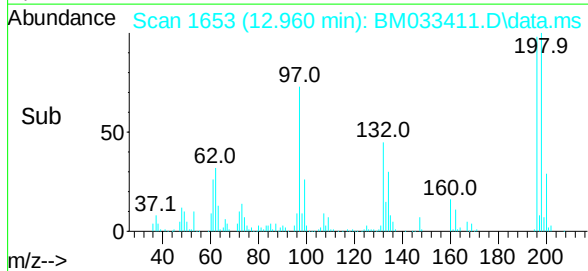
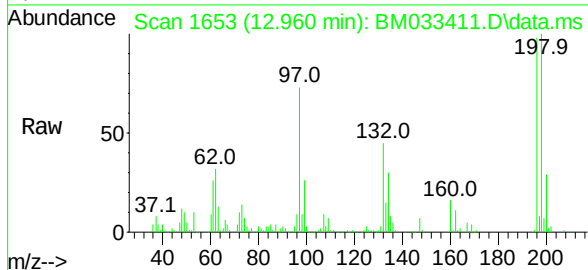
SSTDCCC040

Tgt Ion:196 Resp: 9074
Ion Ratio Lower Upper
196 100
198 102.0 75.1 112.7
200 29.3 24.0 36.0

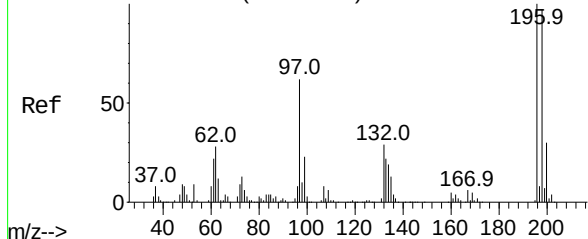
Manual Integrations

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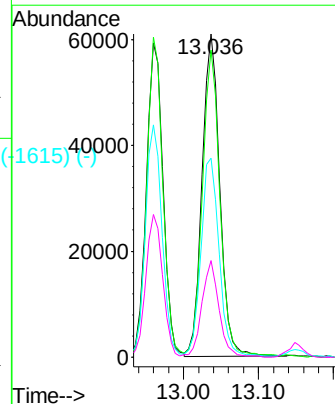
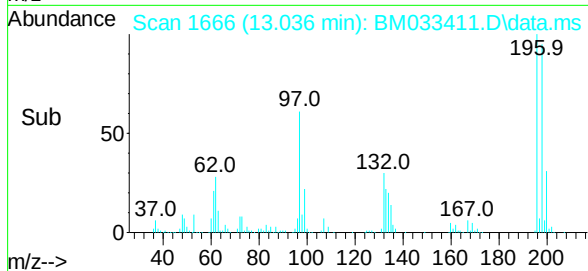
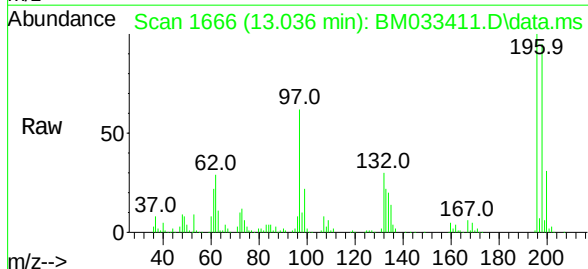


Abundance Scan 1651 (13.048 min): BM033341.D\data.ms (-1649) (-)

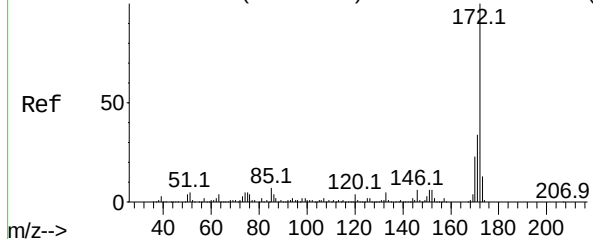


2,4,5-Trichlorophenol
Concen: 42.60 ng
RT: 13.036 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:196 Resp: 100340
Ion Ratio Lower Upper
196 100
198 95.1 77.8 116.6
97 61.6 49.7 74.5
132 30.0 23.4 35.0



Abundance Scan 1670 (13.160 min): BM033341.D\data.ms (-1645) (-)



2-Fluorobiphenyl
Concen: 84.82 ng
RT: 13.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

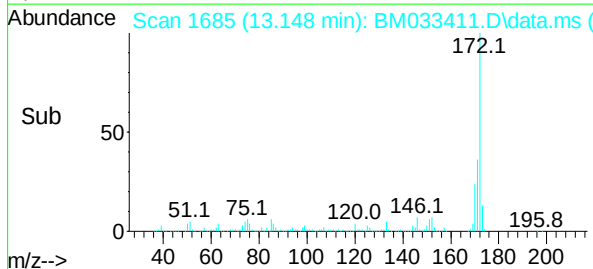
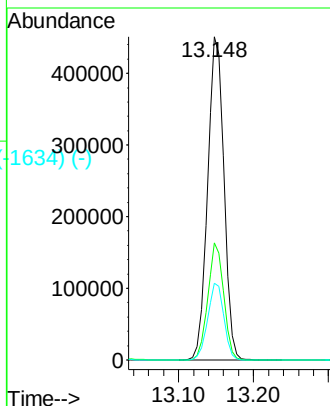
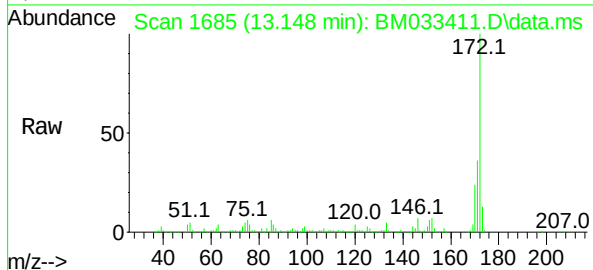
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.2	40.8
170	23.8	18.7	28.1

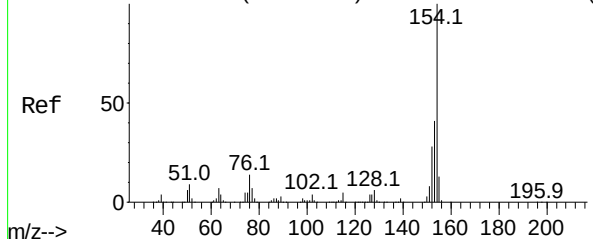
Manual Integrations

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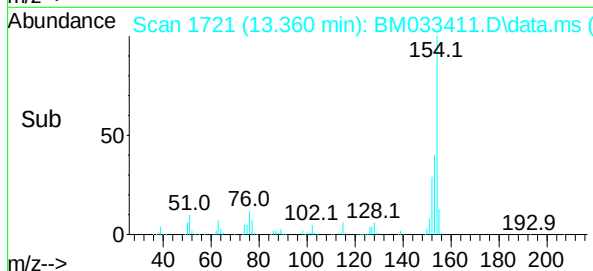
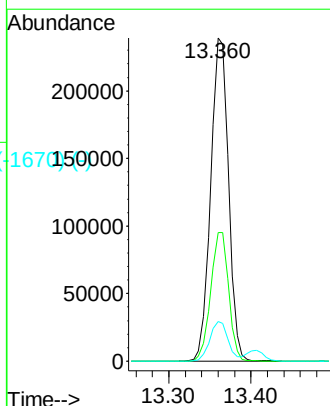
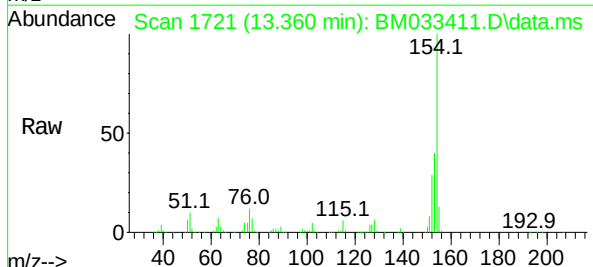


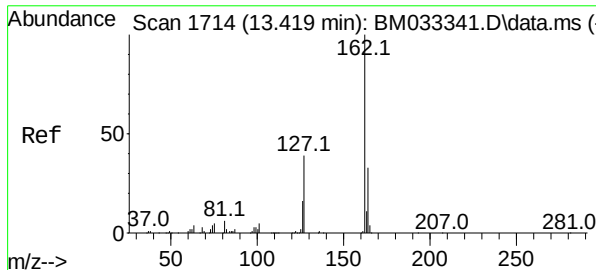
Abundance Scan 1706 (13.371 min): BM033341.D\data.ms (-1646) (-)



1,1'-Biphenyl
Concen: 42.29 ng
RT: 13.360 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.7	60.7
76	12.3	0.0	34.4





2-Chloronaphthalene
 Concen: 42.85 ng
 RT: 13.407 min Scan# 1714
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

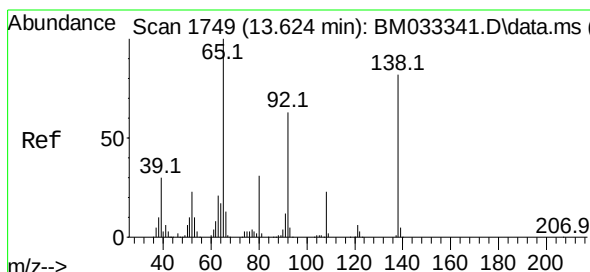
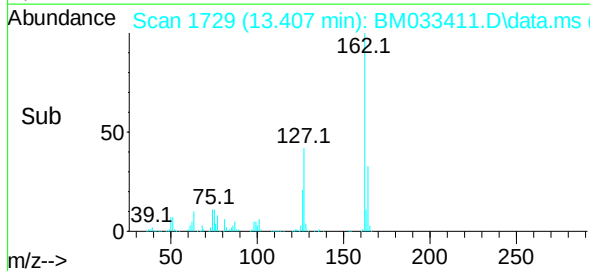
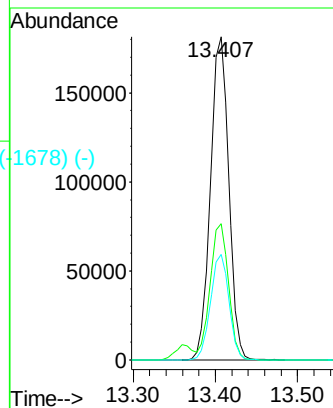
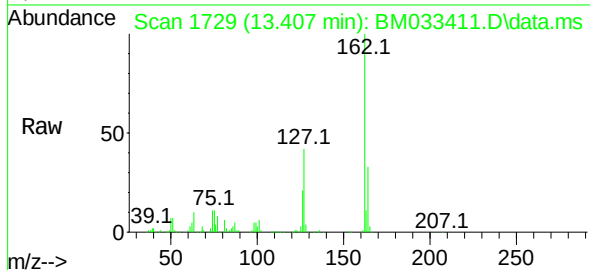
SSTDCCC040

Tgt Ion: 162 Resp: 28115
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.8 50.6
 164 32.6 26.2 39.4

Manual Integrations

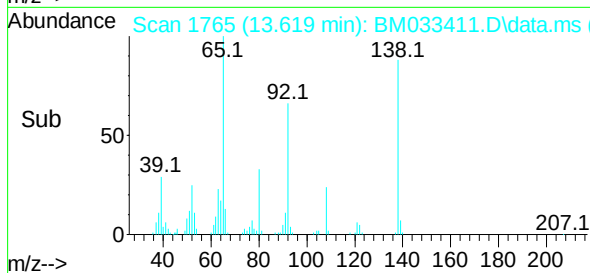
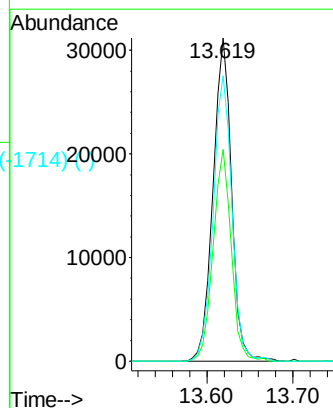
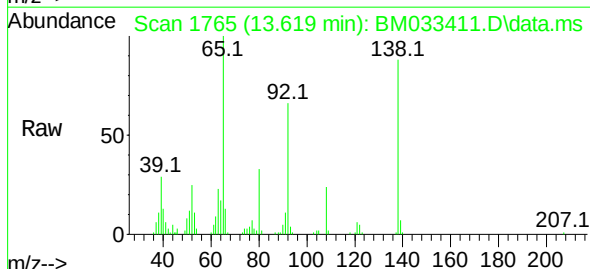
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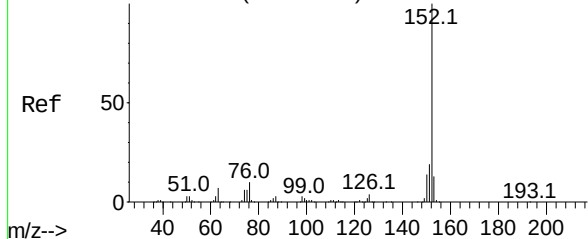


2-Nitroaniline
 Concen: 19.95 ng
 RT: 13.619 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion: 65 Resp: 46414
 Ion Ratio Lower Upper
 65 100
 92 65.5 50.0 75.0
 138 88.3 65.7 98.5



Abundance Scan 1857 (14.260 min): BM033341.D\data.ms (-1849) (-)



Acenaphthylene

Concen: 42.08 ng

RT: 14.248 min Scan# 1872

Delta R.T. 0.000 min

Lab File: BM033411.D

Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 43439

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.2

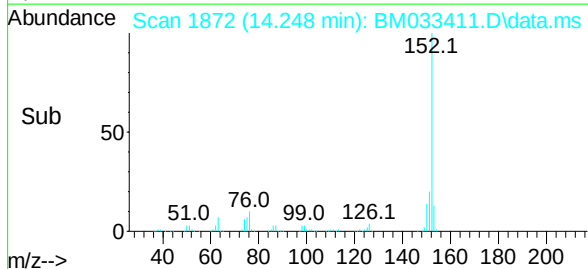
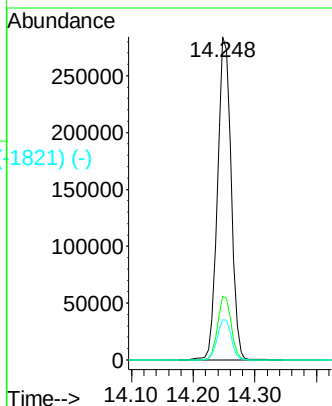
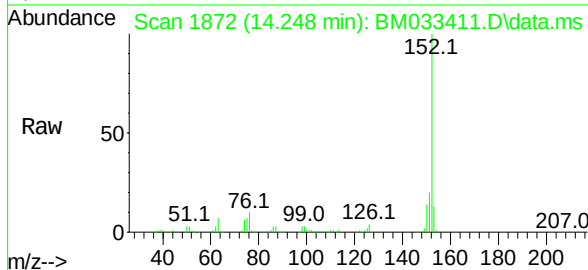
153 12.5 10.4 15.6

Manual Integrations

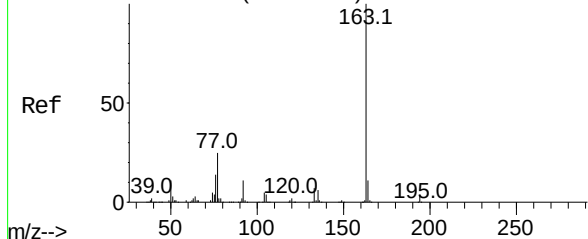
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Abundance Scan 1812 (13.995 min): BM033341.D\data.ms (-1850) (-)



Dimethylphthalate

Concen: 38.73 ng

RT: 13.989 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BM033411.D

Acq: 11 Dec 2021 14:21

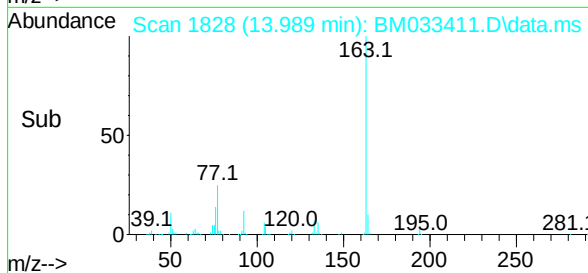
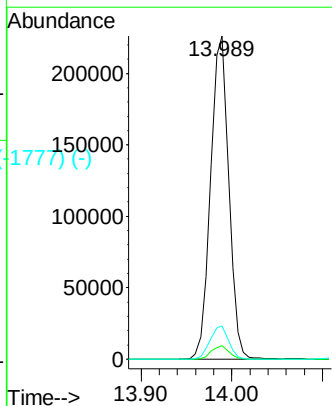
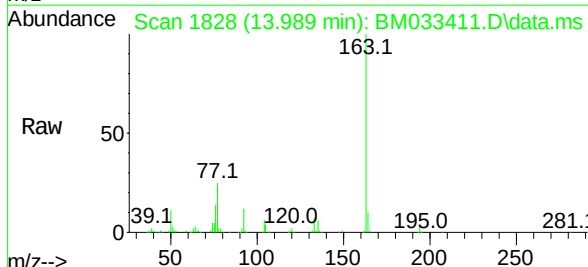
Tgt Ion:163 Resp: 316042

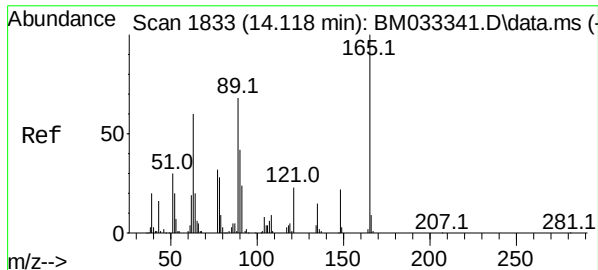
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.4 8.6 12.8





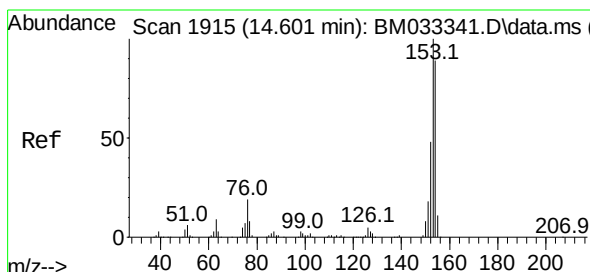
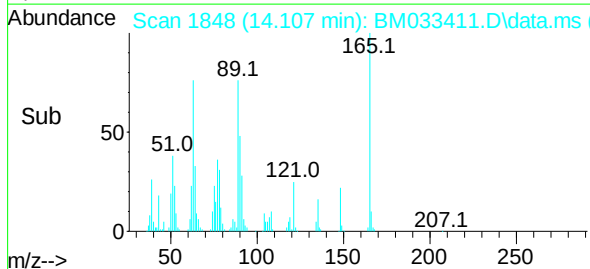
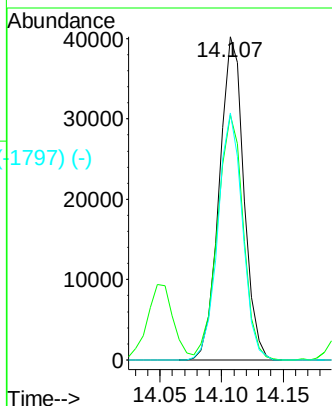
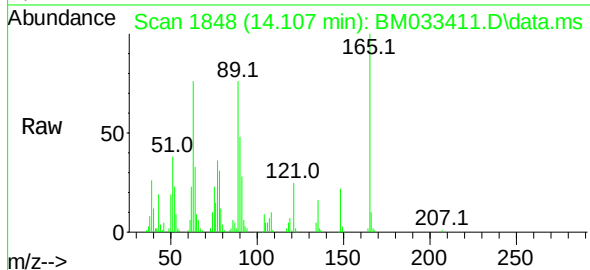
2,6-Dinitrotoluene
Concen: 33.46 ng
RT: 14.107 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	557
Ion Ratio	Lower	Upper	
165	100		
63	75.8	56.9	85.3
89	76.4	54.3	81.9

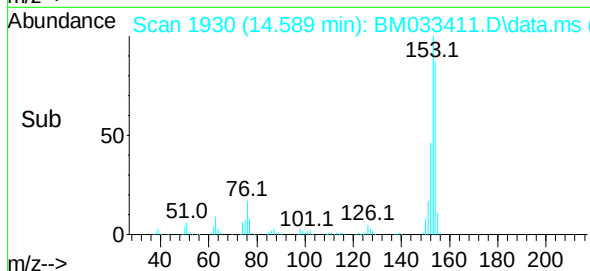
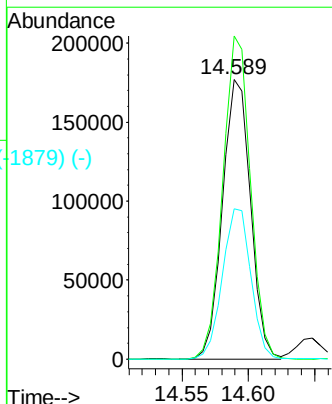
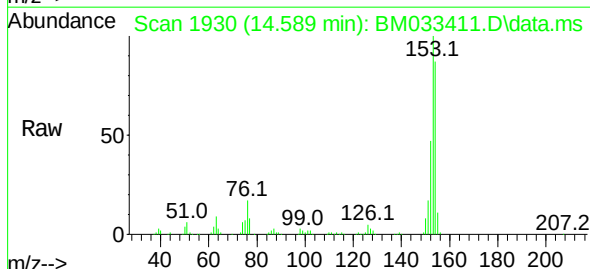
Manual Integrations
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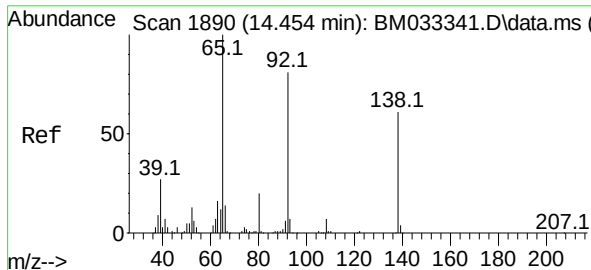
Reviewed By :Christian Giraldo 12/13/2021
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Acenaphthene
Concen: 41.37 ng
RT: 14.589 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:	154	Resp:	258936
Ion Ratio	Lower	Upper	
154	100		
153	115.5	90.2	135.4
152	53.8	43.5	65.3





3-Nitroaniline
Concen: 31.73 ng
RT: 14.442 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

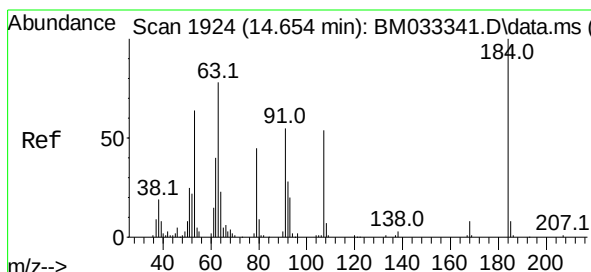
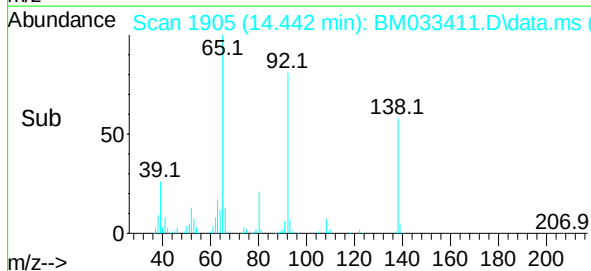
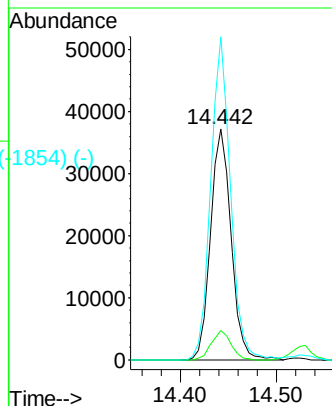
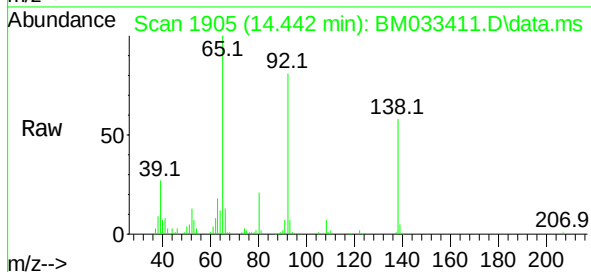
SSTDCCC040

Tgt Ion:138 Resp: 5504
Ion Ratio Lower Upper
138 100
108 12.8 9.5 14.3
92 140.0 106.6 159.8

Manual Integrations

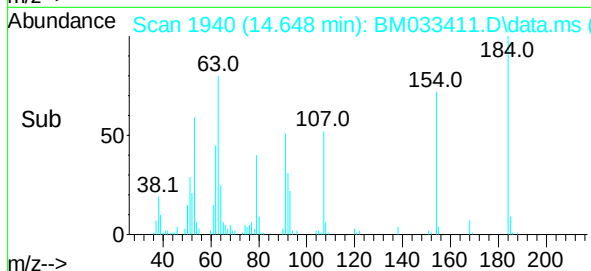
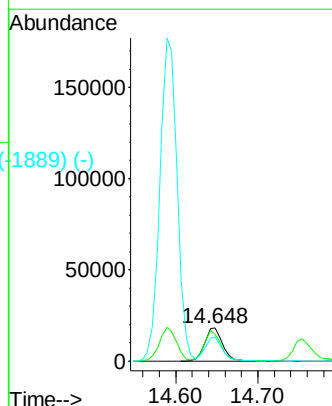
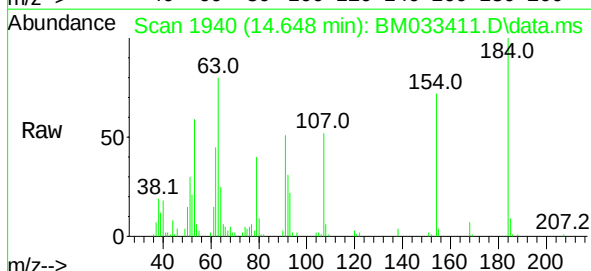
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2,4-Dinitrophenol
Concen: 29.87 ng
RT: 14.648 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:184 Resp: 27523
Ion Ratio Lower Upper
184 100
63 80.4 71.8 107.6
154 72.4 55.7 83.5



Abundance Scan 1972 (14.936 min): BM033411.D\data.ms (-1955) (-)

Dibenzofuran

Concen: 41.47 ng

RT: 14.924 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BM033411.D

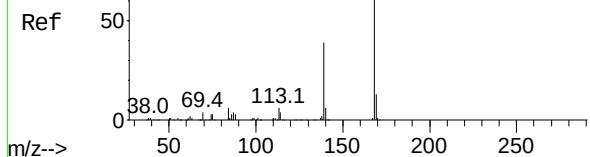
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:168 Resp: 43134

Ion Ratio Lower Upper

168 100

139 42.2 31.4 47.2

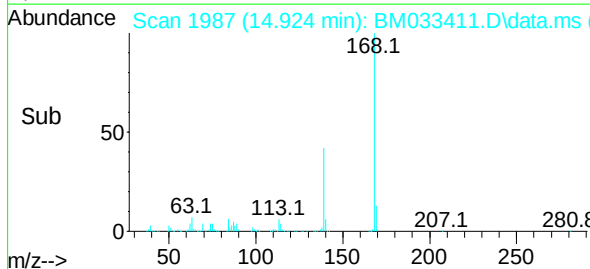
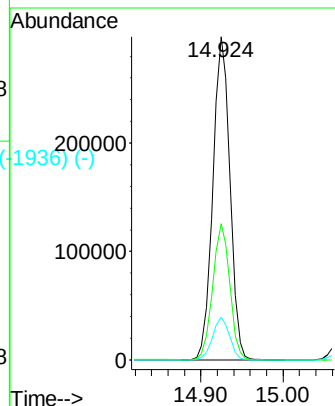
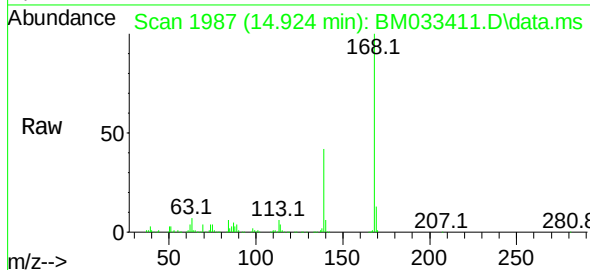
169 13.3 10.6 15.8

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Abundance Scan 1943 (14.765 min): BM033411.D\data.ms (-1956) (-)

4-Nitrophenol

Concen: 33.73 ng

RT: 14.754 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BM033411.D

Acq: 11 Dec 2021 14:21

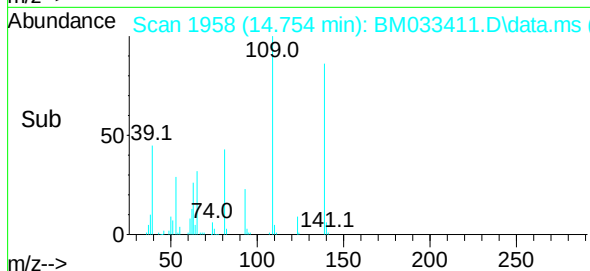
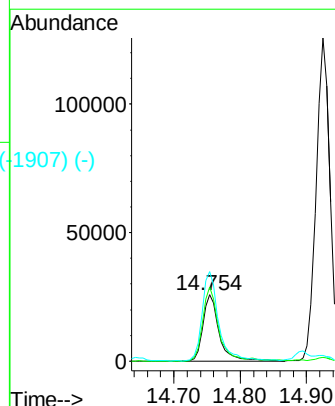
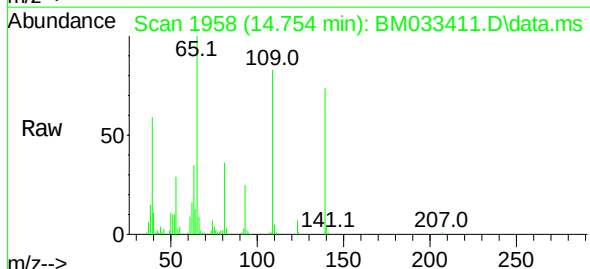
Tgt Ion:139 Resp: 44157

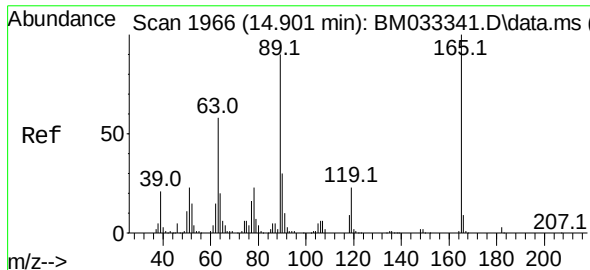
Ion Ratio Lower Upper

139 100

109 112.0 75.3 115.3

65 135.2 107.4 147.4





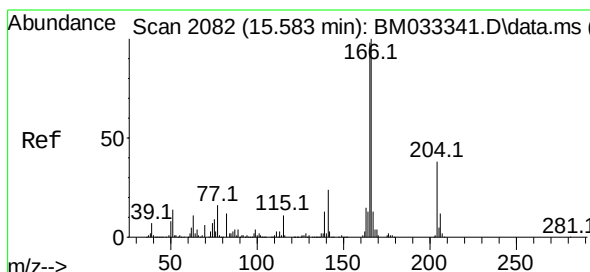
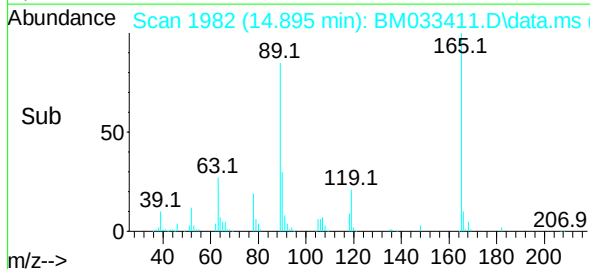
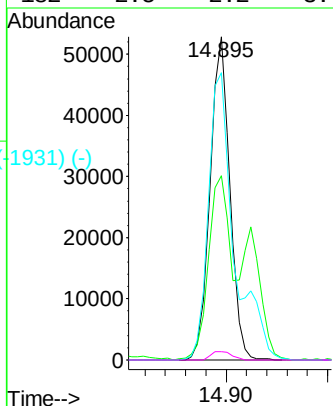
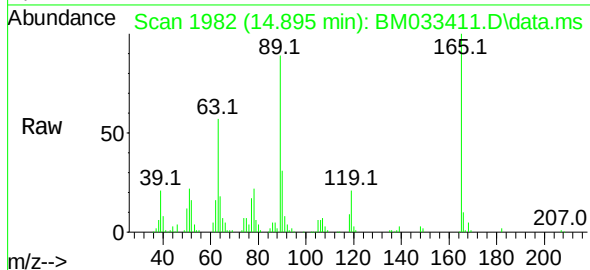
2,4-Dinitrotoluene
Concen: 32.37 ng
RT: 14.895 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	7109
Ion	Ratio	Lower	Upper
165	100		
63	56.9	46.2	69.4
89	89.0	72.0	108.0
182	2.5	2.2	3.4

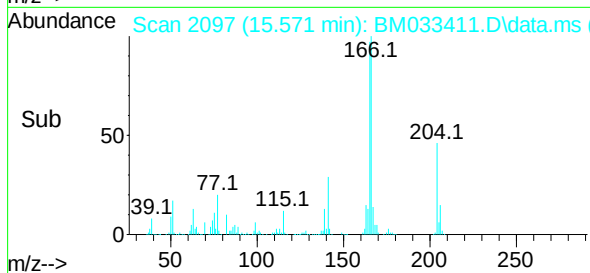
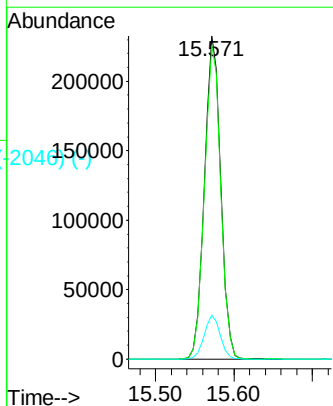
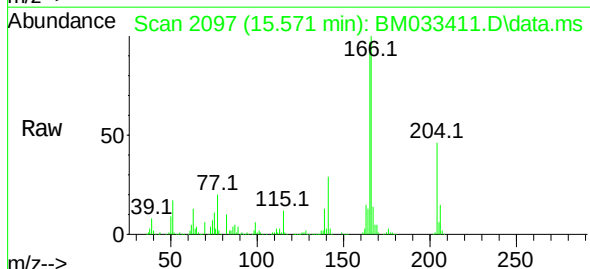
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Fluorene
Concen: 40.80 ng
RT: 15.571 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:	166	Resp:	334038
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	13.7	10.6	15.8



Abundance Scan 2010 (15.160 min): BM033341.D\data.ms (-2059) (-)

2,3,4,6-Tetrachlorophenol

Concen: 40.74 ng

RT: 15.154 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BM033411.D

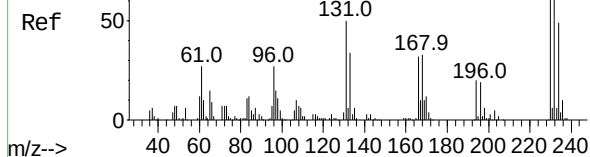
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:232 Resp: 8304

Ion Ratio Lower Upper

232 100

131 51.6 41.4 62.0

130 3.0 2.4 3.6

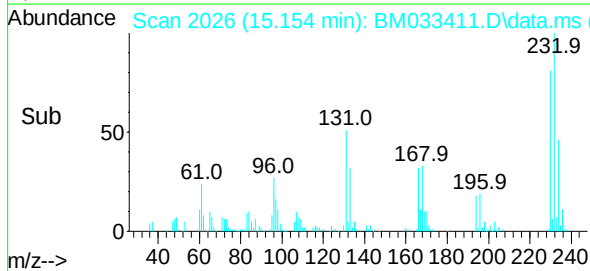
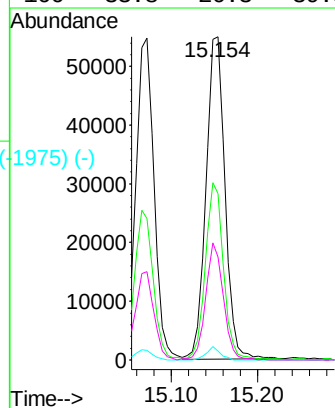
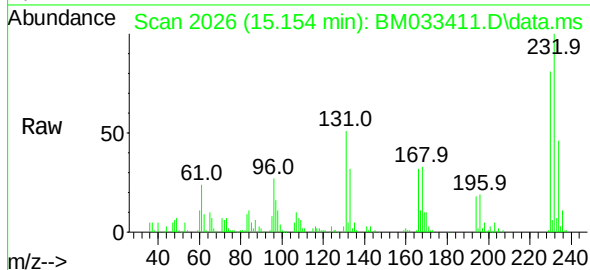
166 33.8 26.3 39.5

Manual Integrations

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Abundance Scan 2043 (15.354 min): BM033341.D\data.ms (-2059) (-)

Diethylphthalate

Concen: 37.09 ng

RT: 15.342 min Scan# 2058

Delta R.T. 0.000 min

Lab File: BM033411.D

Acq: 11 Dec 2021 14:21

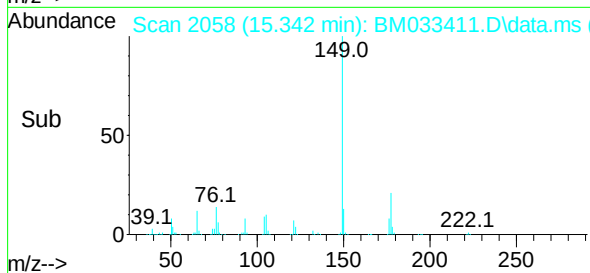
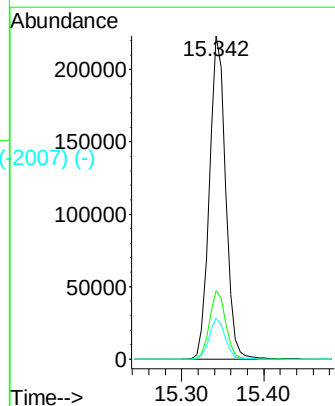
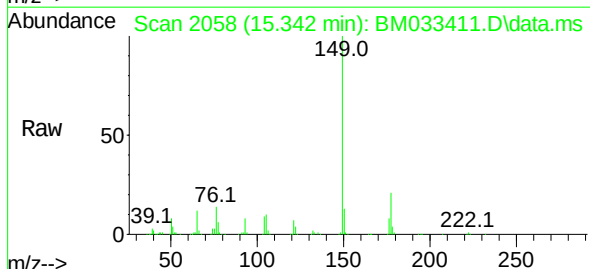
Tgt Ion:149 Resp: 305091

Ion Ratio Lower Upper

149 100

177 21.3 17.5 26.3

150 12.6 10.3 15.5



Abundance Scan 2081 (15.577 min): BM033341.D\data.ms (-2081) (-)

4-Chlorophenyl-phenylether

Concen: 41.30 ng

RT: 15.566 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BM033411.D

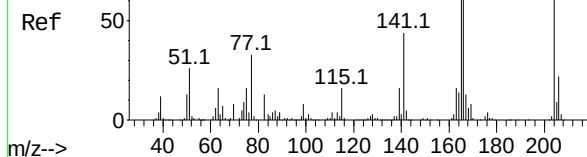
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:204 Resp: 17232

Ion Ratio Lower Upper

204 100

206 31.9 25.4 38.2

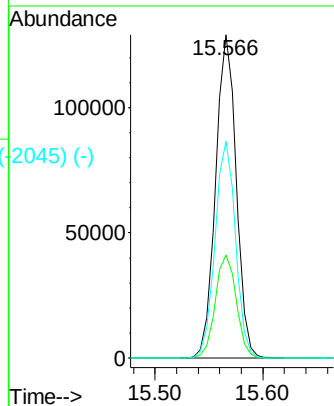
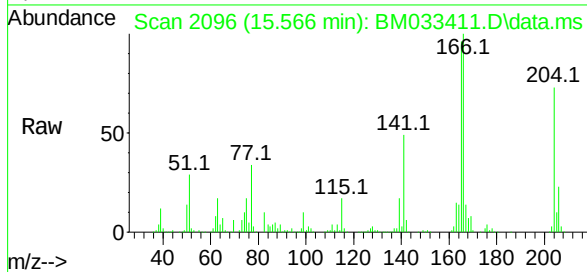
141 67.2 50.6 76.0

Manual Integrations

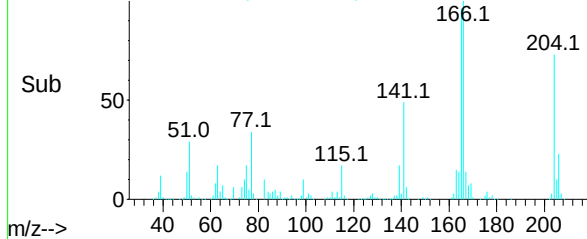
APPROVED

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Abundance Scan 2096 (15.566 min): BM033411.D\data.ms (-2045) (-)



Abundance Scan 2087 (15.613 min): BM033341.D\data.ms (-2087) (-)

4-Nitroaniline

Concen: 28.32 ng

RT: 15.607 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BM033411.D

Acq: 11 Dec 2021 14:21

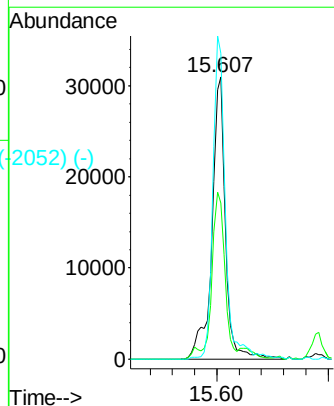
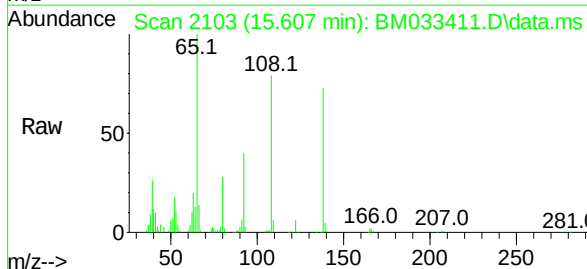
Tgt Ion:138 Resp: 51591

Ion Ratio Lower Upper

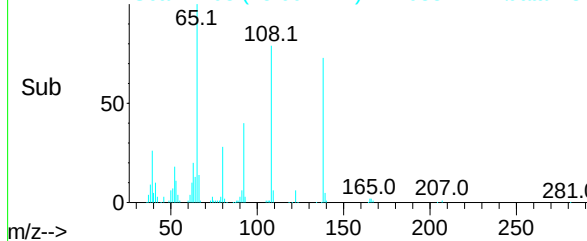
138 100

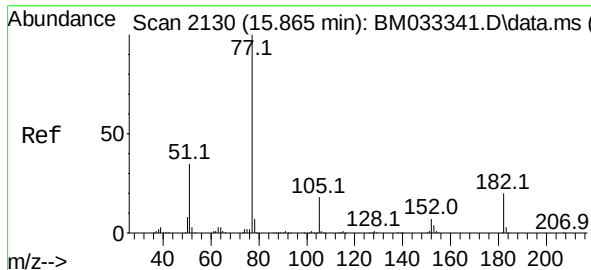
92 55.4 38.7 78.7

108 108.3 81.9 121.9



Abundance Scan 2103 (15.607 min): BM033411.D\data.ms (-2052) (-)





Azobenzene
Concen: 40.03 ng
RT: 15.860 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

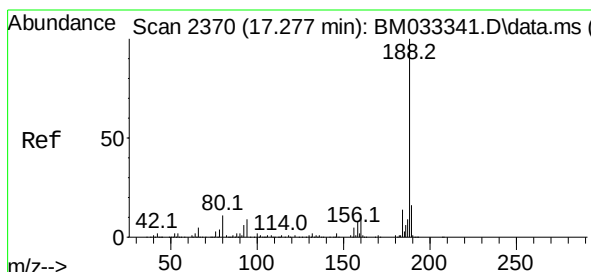
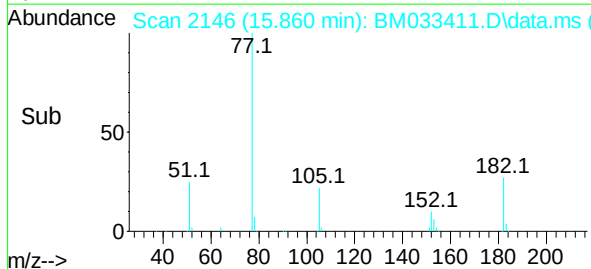
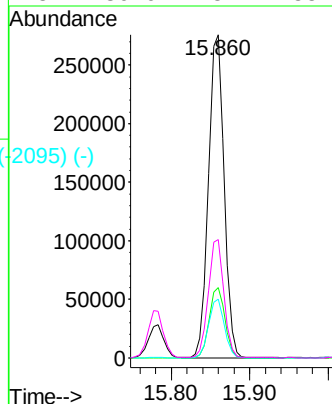
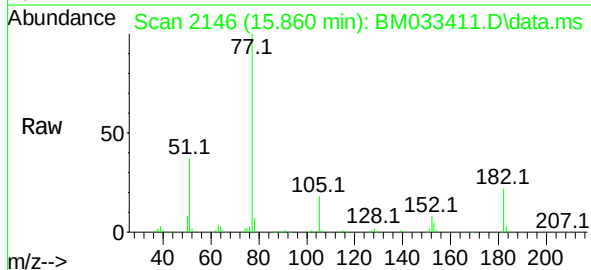
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	0.3	40.3
105	18.1	0.0	38.3
51	36.6	15.1	55.1

Manual Integrations

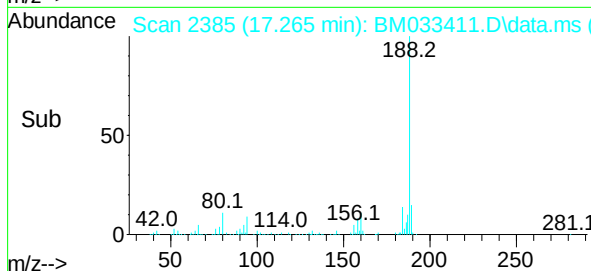
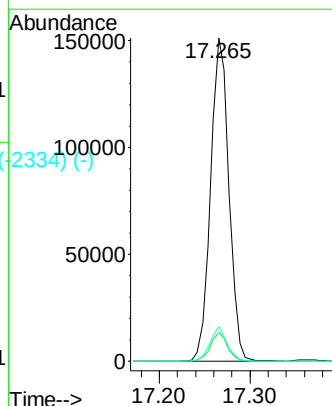
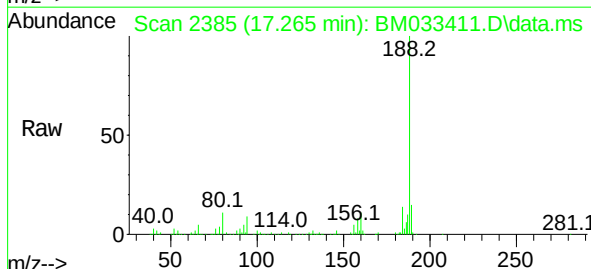
APPROVED

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Phenanthrene-d10
Concen: 20.00 ng
RT: 17.265 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	10.7	8.9	13.3



Abundance Scan 2095 (15.660 min): BM033411.D\data.ms (-2065) (-)

4,6-Dinitro-2-methylphenol

Concen: 33.23 ng

RT: 15.654 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BM033411.D

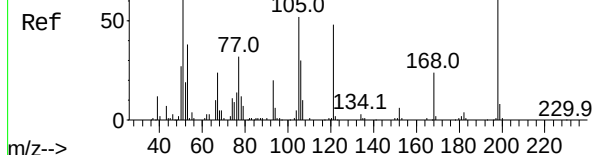
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:198 Resp: 3972

Ion Ratio Lower Upper

198 100

51 62.6 47.9 87.9

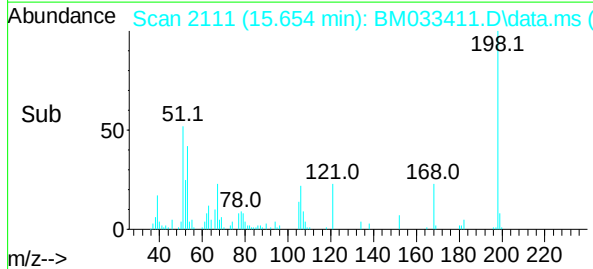
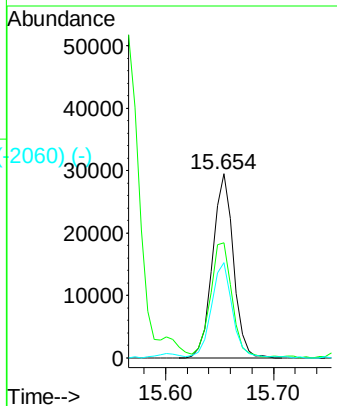
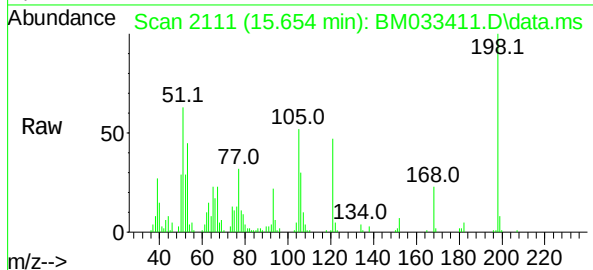
105 51.7 32.6 72.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2021

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Abundance Scan 2118 (15.795 min): BM033411.D\data.ms (-2160) (-)

n-Nitrosodiphenylamine

Concen: 42.91 ng

RT: 15.783 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BM033411.D

Acq: 11 Dec 2021 14:21

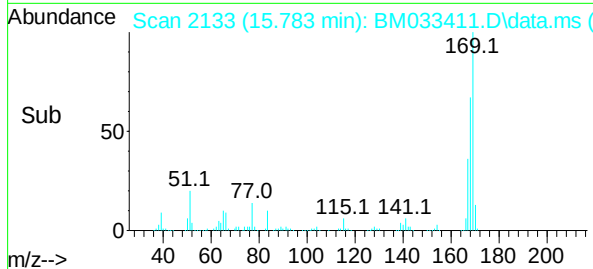
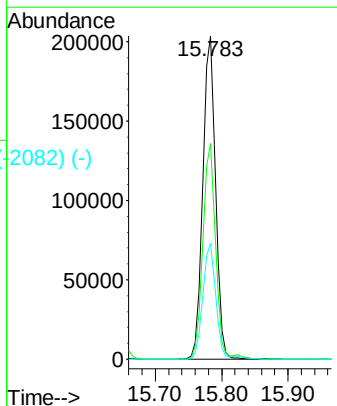
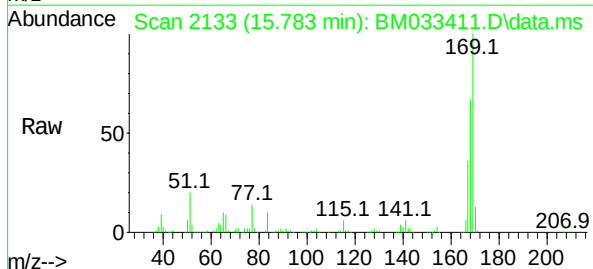
Tgt Ion:169 Resp: 274941

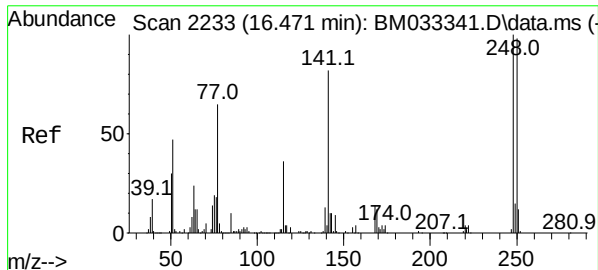
Ion Ratio Lower Upper

169 100

168 66.8 52.5 78.7

167 35.8 28.4 42.6





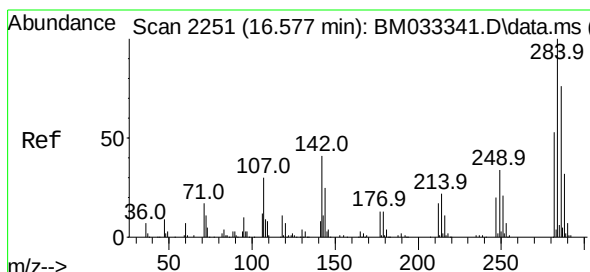
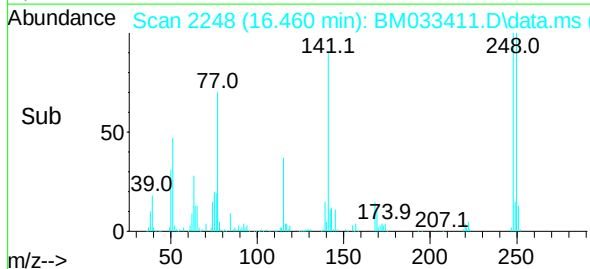
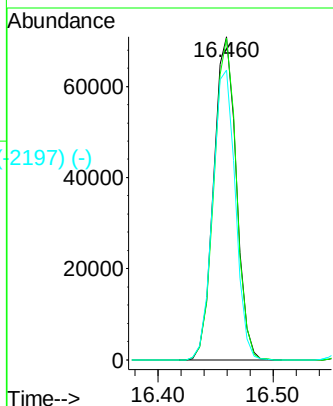
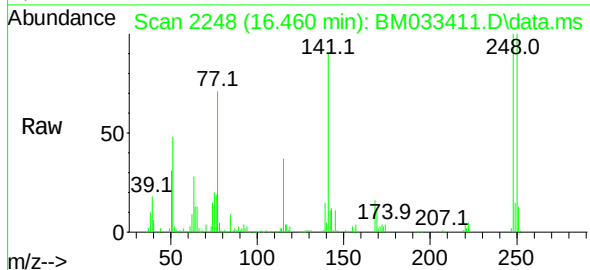
4-Bromophenyl-phenylether
Concen: 43.66 ng
RT: 16.460 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 9705
Ion Ratio Lower Upper
248 100
250 99.6 78.2 117.2
141 89.7 65.4 98.2

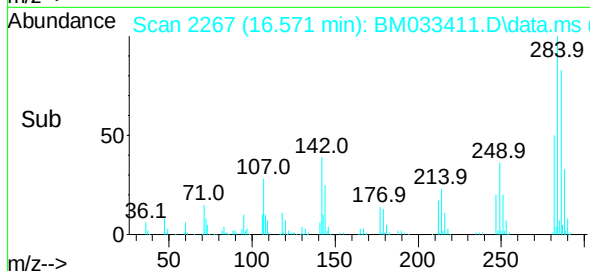
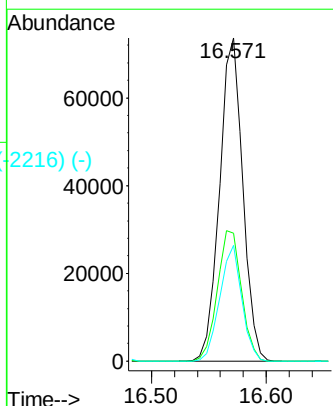
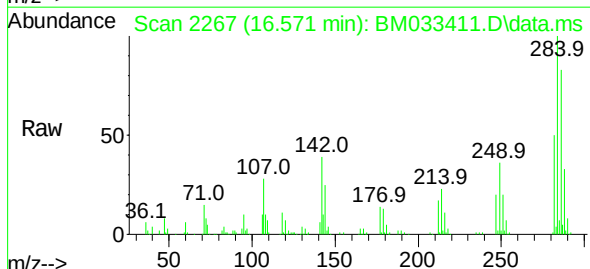
Manual Integrations
APPROVED

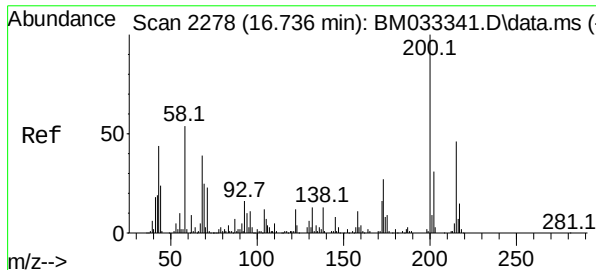
Reviewed By :Christian Giraldo 12/13/2021
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Hexachlorobenzene
Concen: 42.93 ng
RT: 16.571 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:284 Resp: 103423
Ion Ratio Lower Upper
284 100
142 39.5 33.1 49.7
249 35.9 27.3 40.9





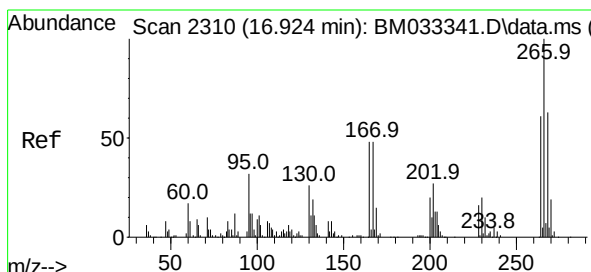
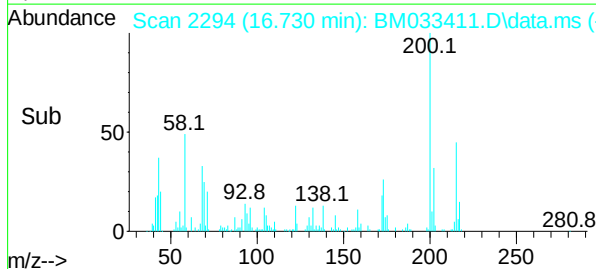
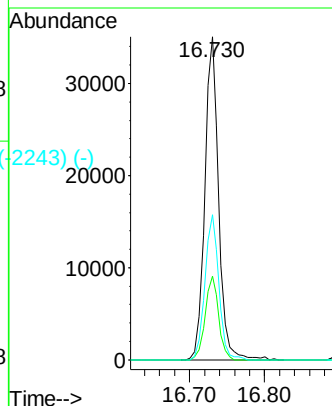
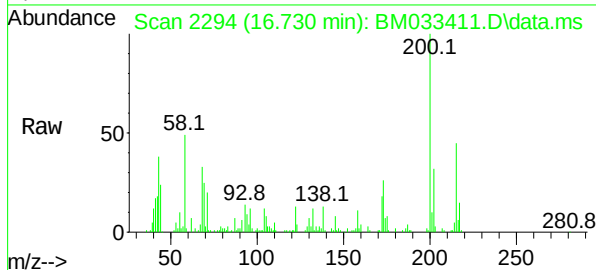
Atrazine
Concen: 34.59 ng
RT: 16.730 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 4533
Ion Ratio Lower Upper
200 100
173 25.9 7.3 47.3
215 45.0 25.7 65.7

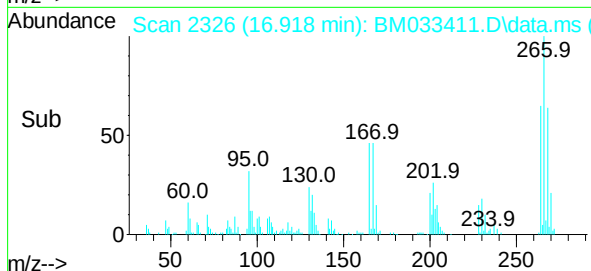
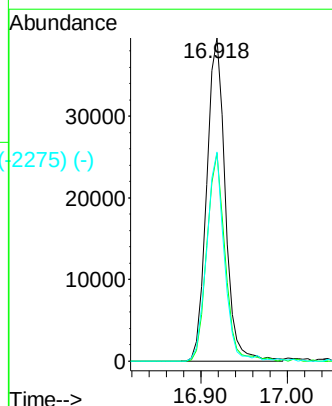
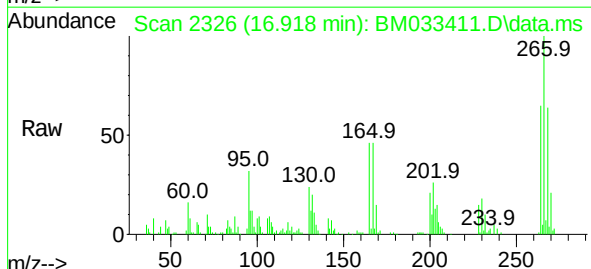
Manual Integrations
APPROVED

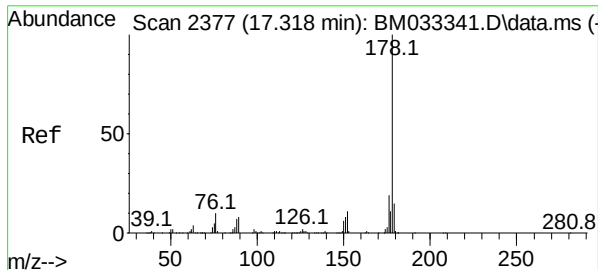
Reviewed By :Christian Giraldo 12/13/2021
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Pentachlorophenol
Concen: 44.52 ng
RT: 16.918 min Scan# 2326
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:266 Resp: 58925
Ion Ratio Lower Upper
266 100
268 64.4 50.1 75.1
264 64.8 49.1 73.7





Scan 2377 (17.318 min): BM033341.D\data.ms (-2377) (-)
 Phenanthrene
 Concen: 41.90 ng
 RT: 17.307 min Scan# 2377
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

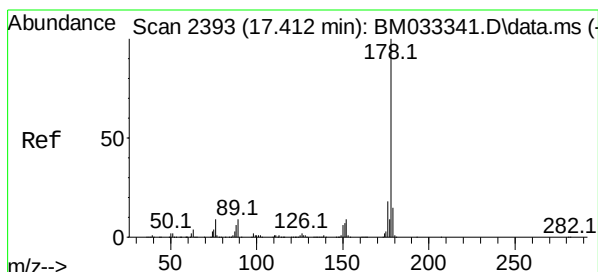
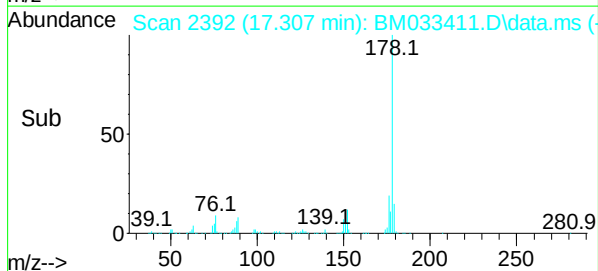
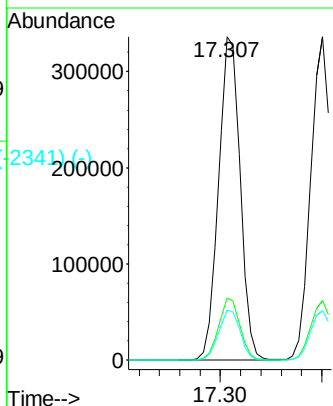
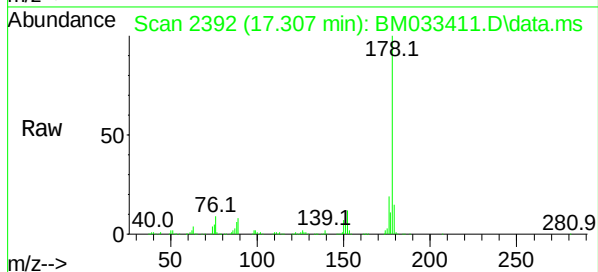
SSTDCCC040

Tgt Ion:178 Resp: 49624
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 15.5 12.0 18.0

Manual Integrations

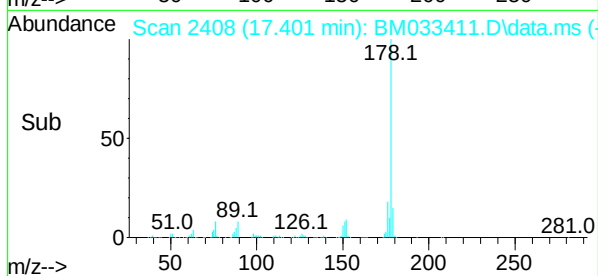
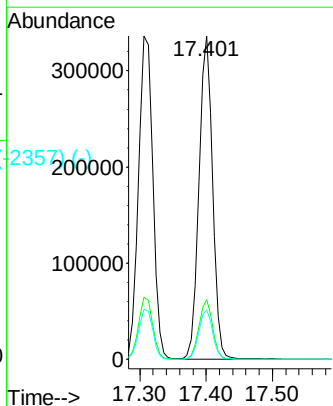
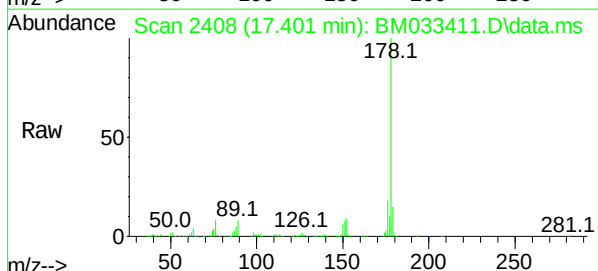
APPROVED

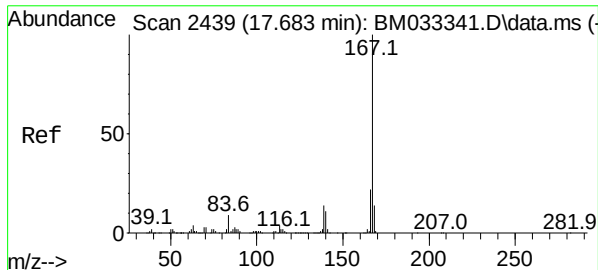
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Scan 2393 (17.412 min): BM033341.D\data.ms (-2393) (-)
 Anthracene
 Concen: 41.85 ng
 RT: 17.401 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:178 Resp: 484300
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.5 21.7
 179 15.3 11.9 17.9





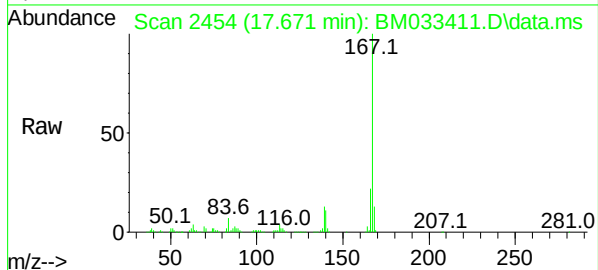
Scan 2439 (17.683 min): BM033341.D\data.ms (-2439) (-)
 Carbazole
 Concen: 40.58 ng
 RT: 17.671 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

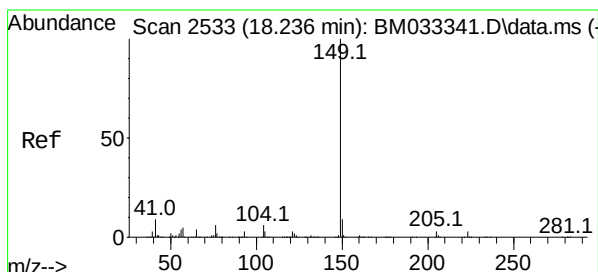
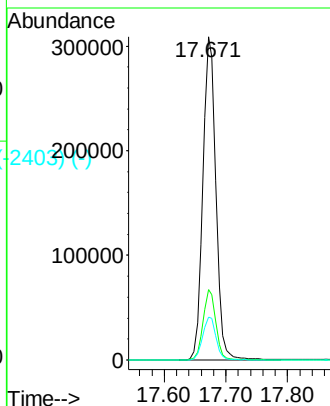
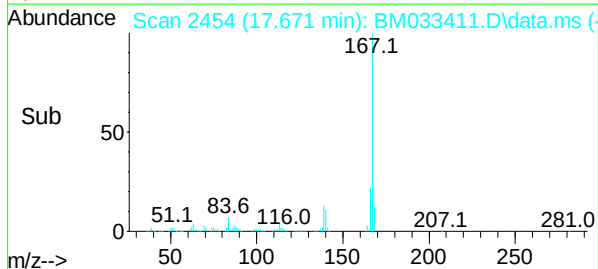


Tgt Ion:167 Resp: 45247
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.3 11.0 16.4

Manual Integrations

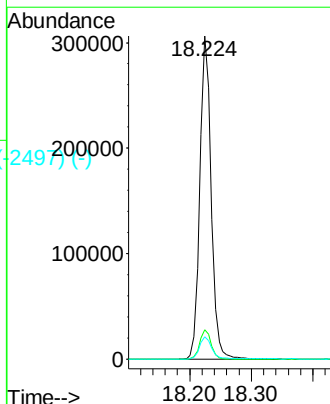
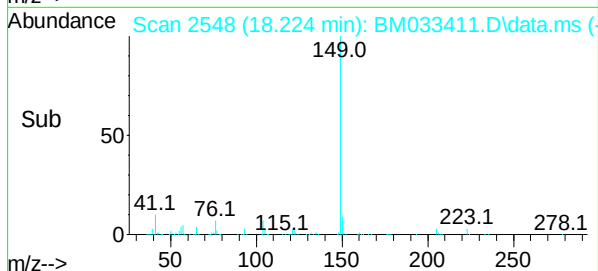
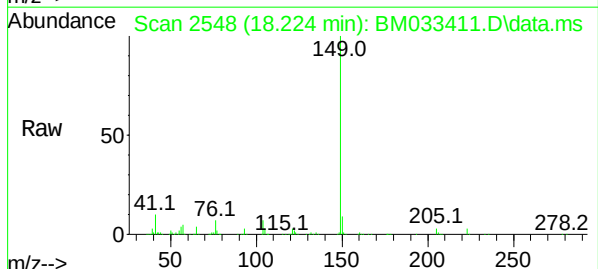
APPROVED

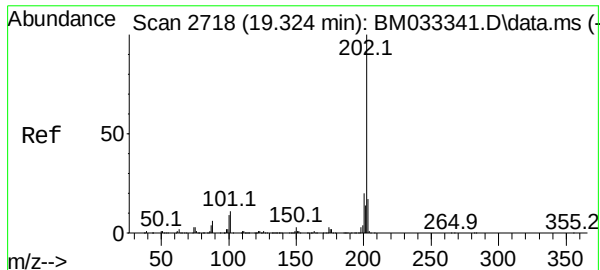
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Scan 2533 (18.236 min): BM033341.D\data.ms (-2533) (-)
 Di-n-butylphthalate
 Concen: 32.01 ng
 RT: 18.224 min Scan# 2548
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:149 Resp: 390416
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 6.9 4.6 6.8#





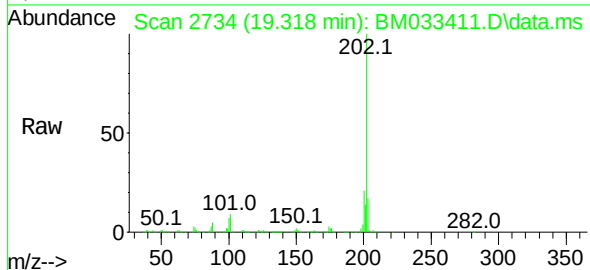
Scan 2718 (19.324 min): BM033341.D\data.ms (-2715) (-)
Fluoranthene
 Concen: 40.12 ng
 RT: 19.318 min Scan# 2715
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

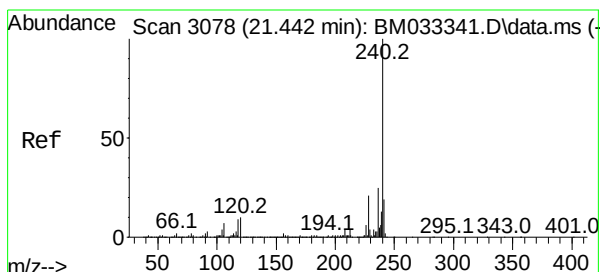
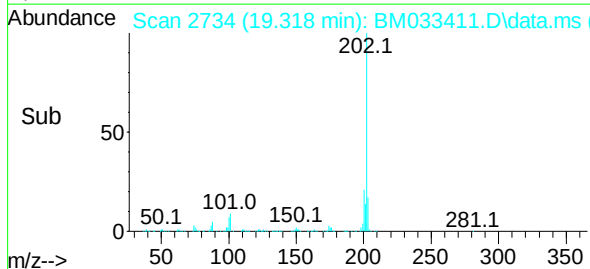
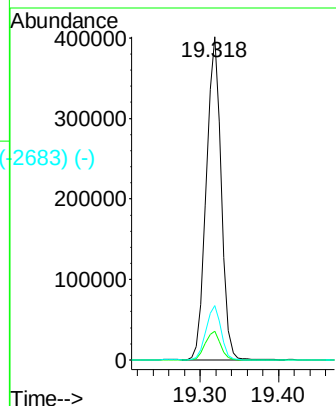


Tgt Ion:	202	Resp:	52828
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.8
203	16.9	0.0	37.2

Manual Integrations

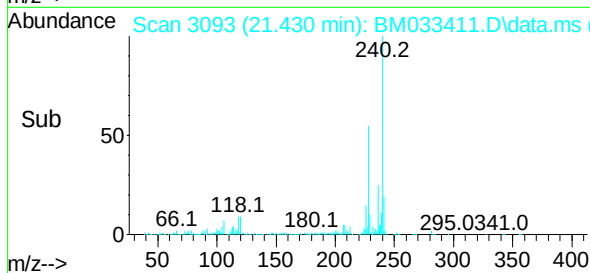
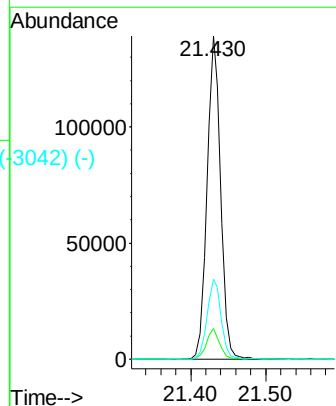
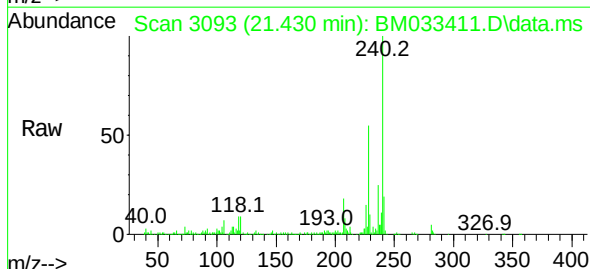
APPROVED

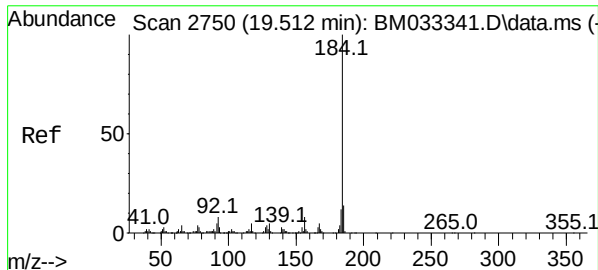
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Scan 3078 (21.442 min): BM033341.D\data.ms (-3076) (-)
Chrysene-d12
 Concen: 20.00 ng
 RT: 21.430 min Scan# 3093
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

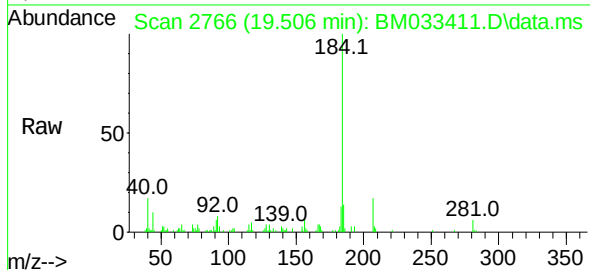
Tgt Ion:	240	Resp:	176760
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	24.6	20.3	30.5





Benzidine
Concen: 16.87 ng
RT: 19.506 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

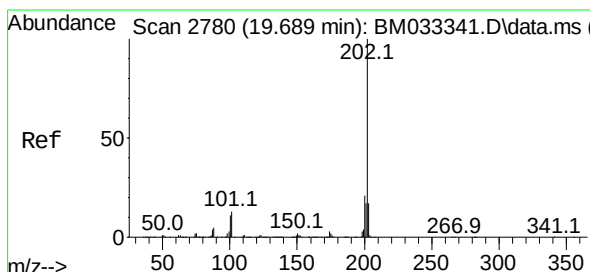
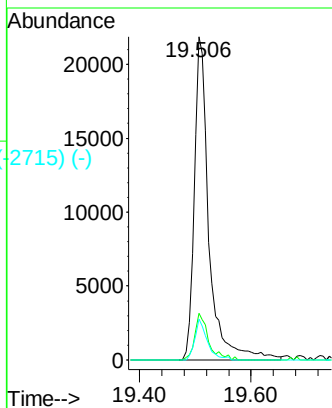
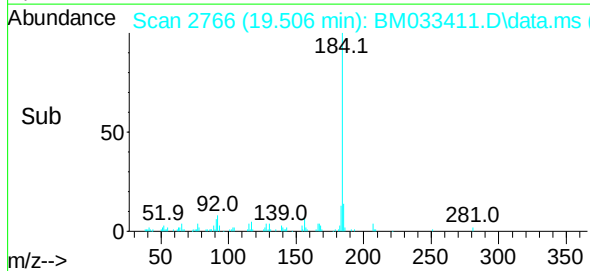
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 4020
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.6 9.7 14.9

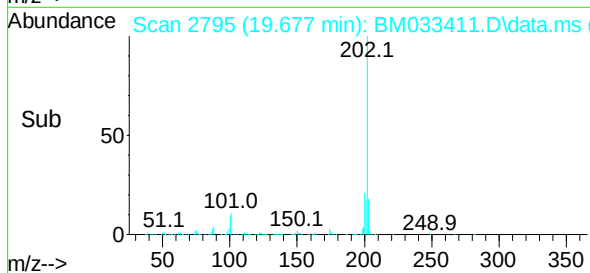
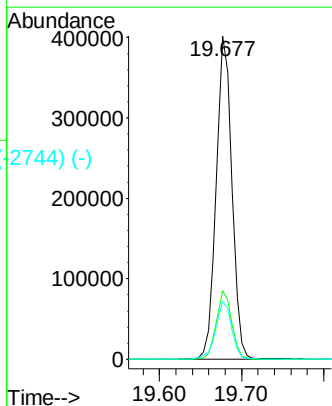
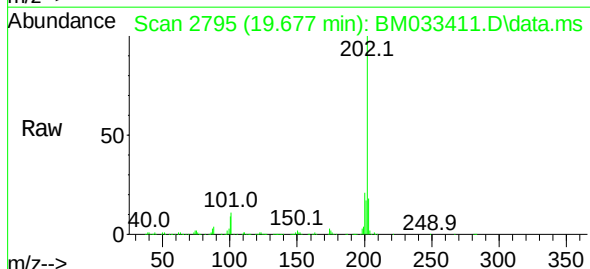
Manual Integrations
APPROVED

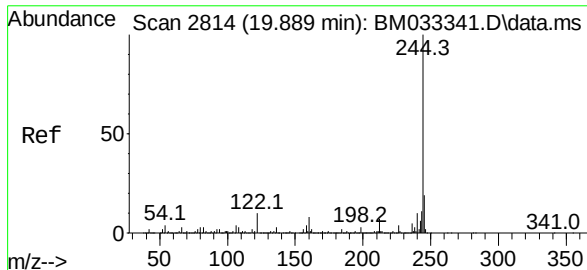
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



Pyrene
Concen: 43.39 ng
RT: 19.677 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:202 Resp: 537133
Ion Ratio Lower Upper
202 100
200 21.3 16.4 24.6
203 17.7 13.5 20.3





Terphenyl-d14
Concen: 82.66 ng
RT: 19.877 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

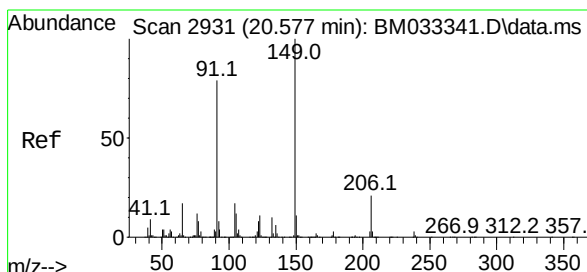
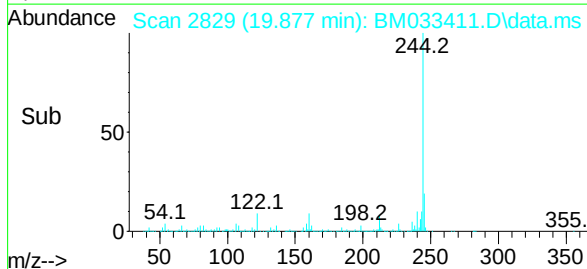
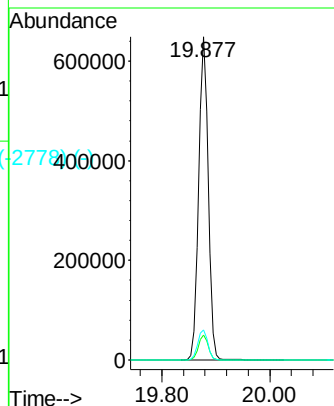
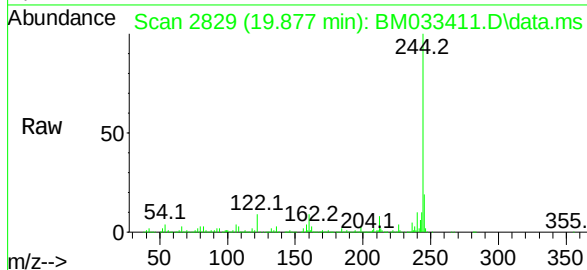
SSTDCCC040

Tgt Ion:244 Resp: 78867
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.4 8.4 12.6

Manual Integrations

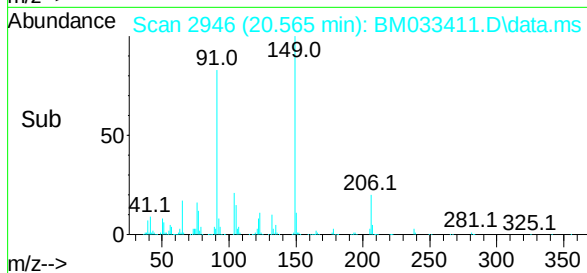
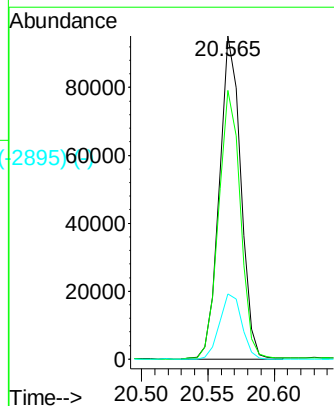
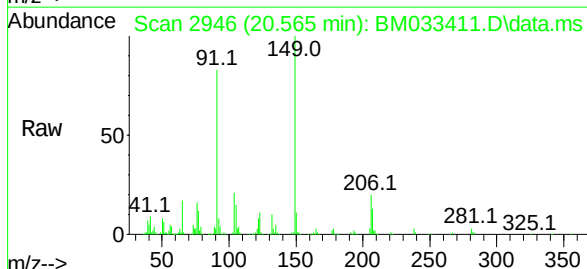
APPROVED

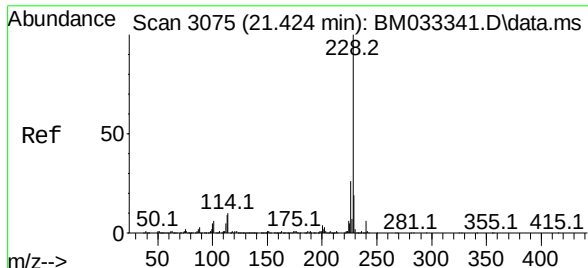
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



Butylbenzylphthalate
Concen: 21.75 ng
RT: 20.565 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:149 Resp: 106174
Ion Ratio Lower Upper
149 100
91 83.1 63.4 95.0
206 20.2 16.8 25.2





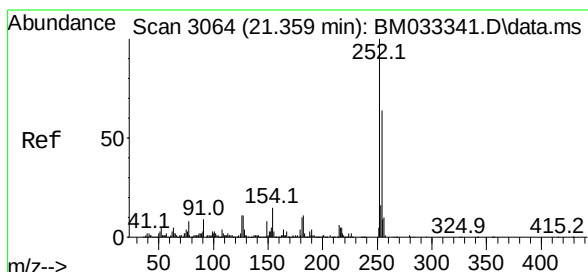
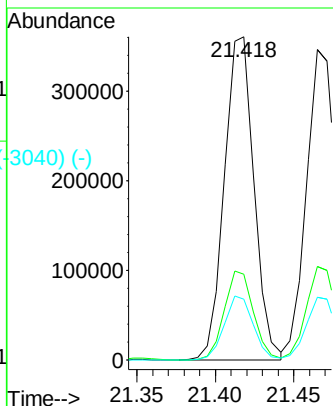
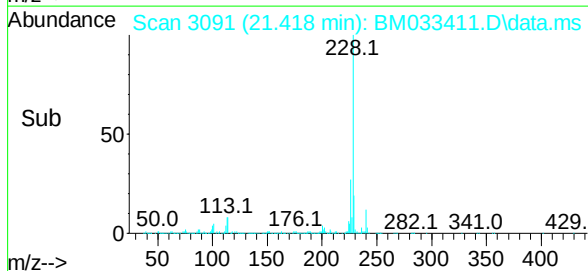
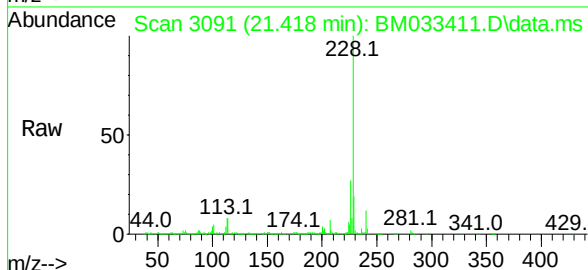
Scan 3075 (21.424 min): BM033341.D\data.ms (-3083) (-)
 Benzo(a)anthracene
 Concen: 40.79 ng
 RT: 21.418 min Scan# 3075
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	228	Resp:	47358
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.6
229	18.9	15.5	23.3

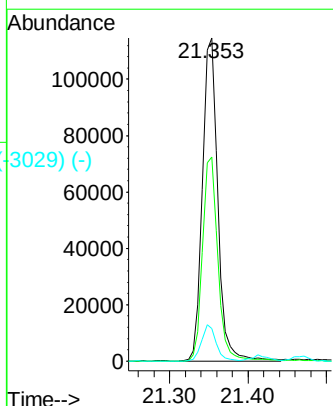
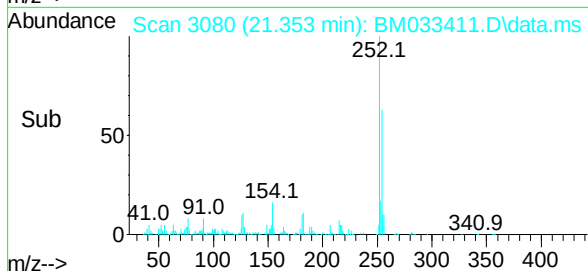
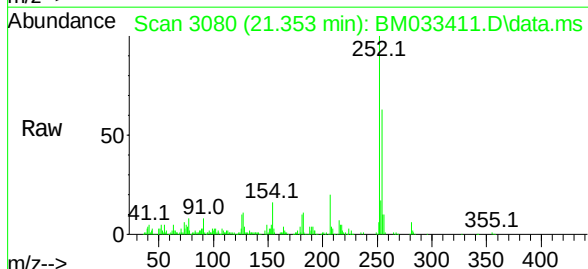
Manual Integrations
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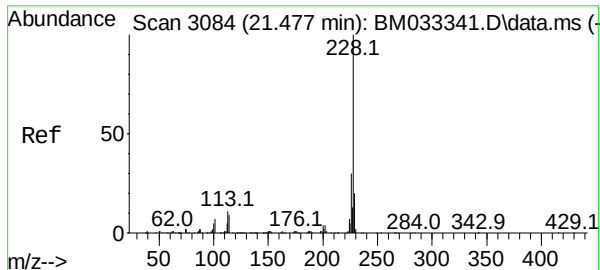
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Scan 3064 (21.359 min): BM033341.D\data.ms (-3082) (-)
 3,3'-Dichlorobenzidine
 Concen: 29.78 ng
 RT: 21.353 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:	252	Resp:	156573
Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.9	76.3
126	10.2	8.8	13.2





Scan 3084 (21.477 min): BM033341.D\data.ms (-3084) (-)
 Chrysene
 Concen: 41.12 ng
 RT: 21.465 min Scan# 3084
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

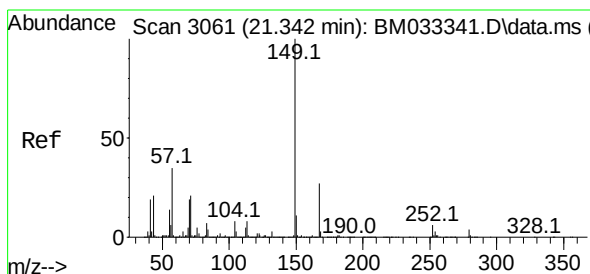
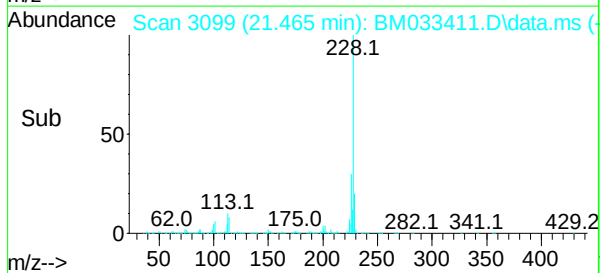
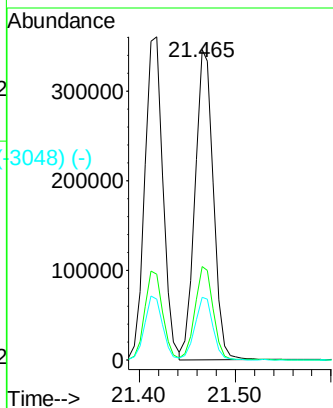
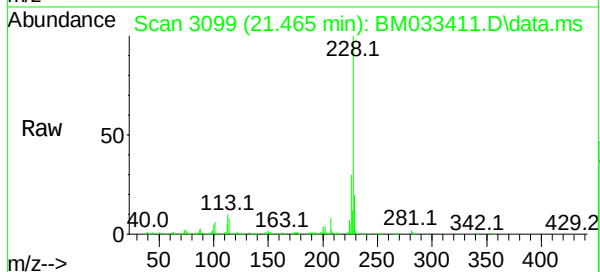
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.3	15.8	23.8

Manual Integrations

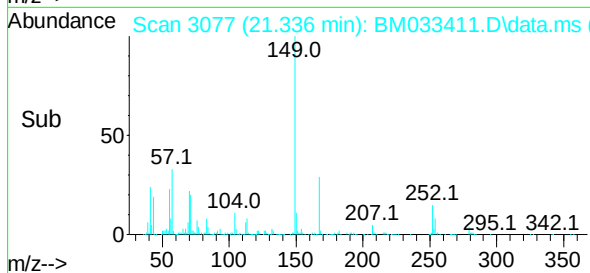
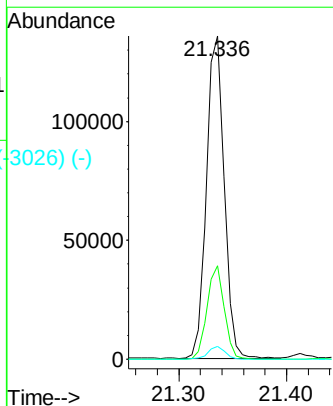
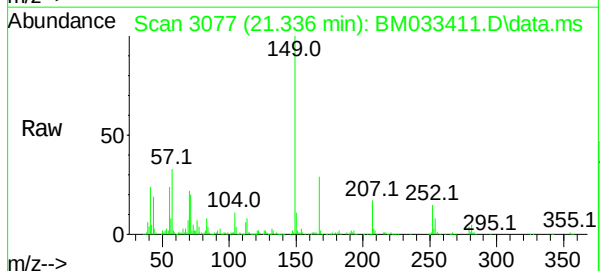
APPROVED

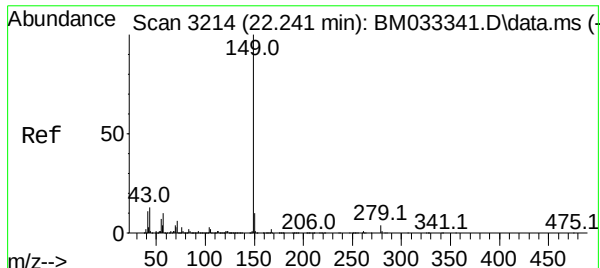
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Scan 3061 (21.342 min): BM033341.D\data.ms (-3061) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 22.58 ng
 RT: 21.336 min Scan# 3077
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.4	32.0
279	3.9	3.0	4.6





Di-n-octyl phthalate
 Concen: 23.70 ng
 RT: 22.236 min Scan# 3185
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

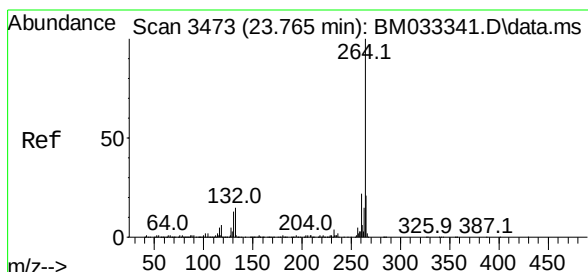
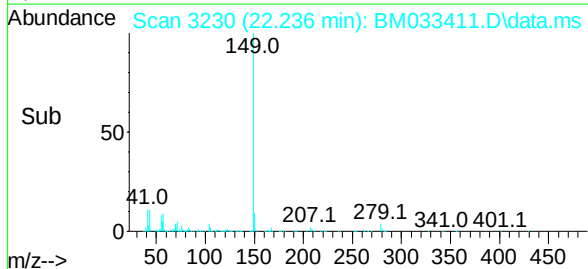
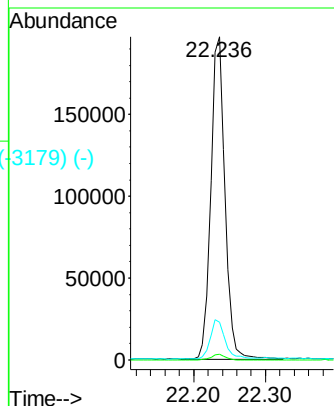
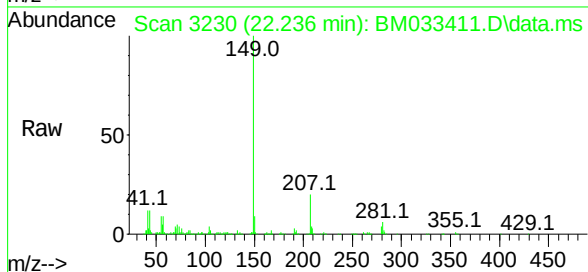
SSTDCCC040

Tgt Ion:149 Resp: 27009
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.8 10.4 15.6

Manual Integrations

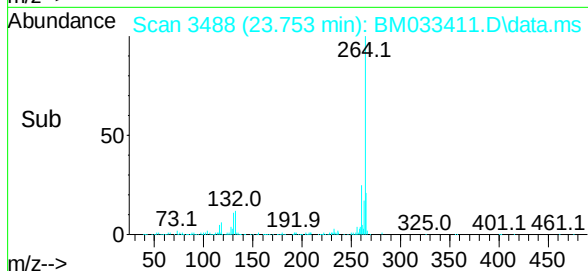
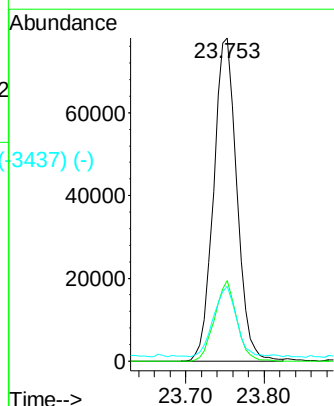
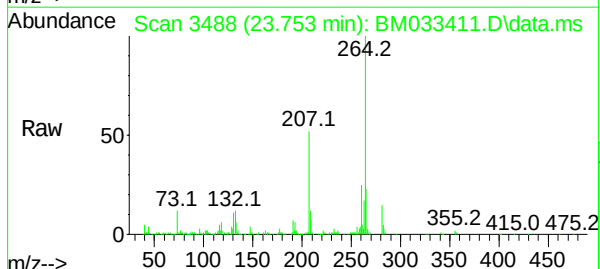
APPROVED

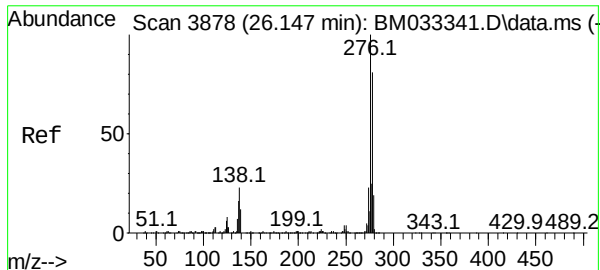
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Perylene-d12
 Concen: 20.00 ng
 RT: 23.753 min Scan# 3488
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:264 Resp: 159858
 Ion Ratio Lower Upper
 264 100
 260 24.9 17.7 26.5
 265 23.2 17.7 26.5





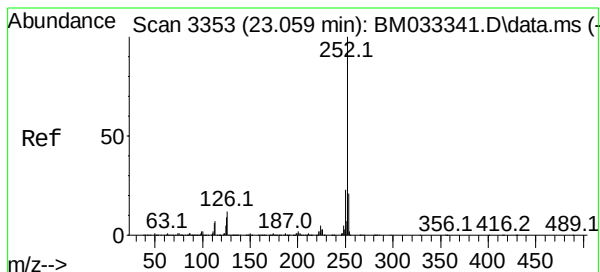
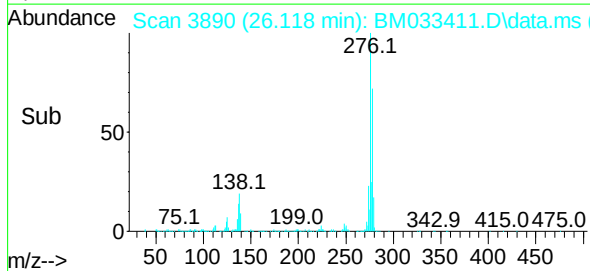
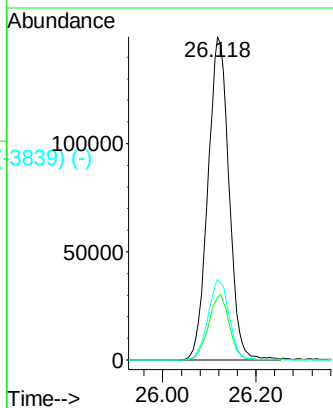
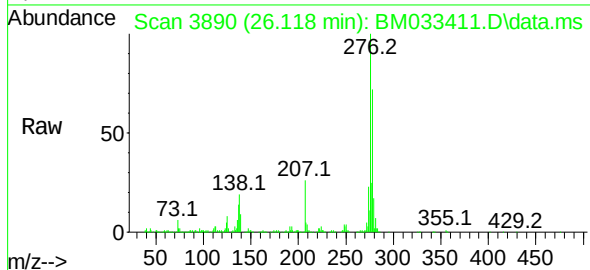
Indeno(1,2,3-cd)pyrene
Concen: 42.63 ng
RT: 26.118 min Scan# 3887
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:	276	Resp:	46736
Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.7	28.3
277	24.9	20.2	30.4

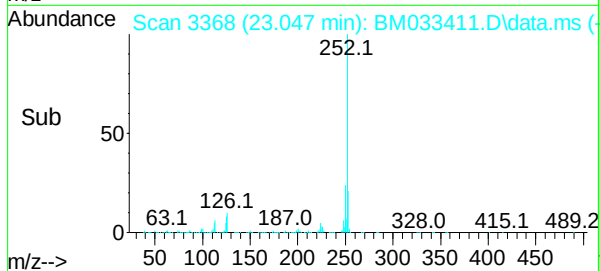
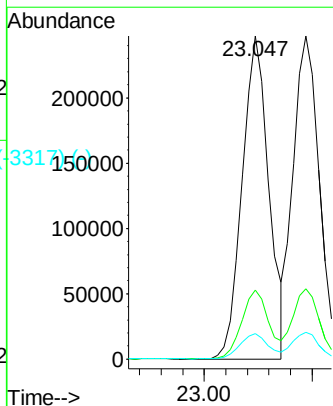
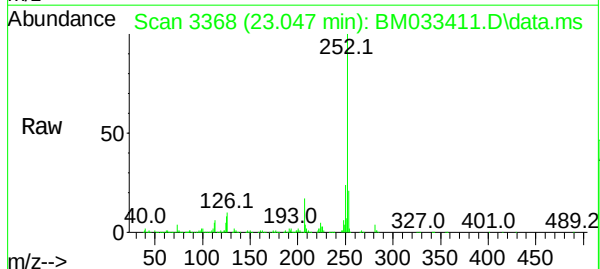
Manual Integrations
APPROVED

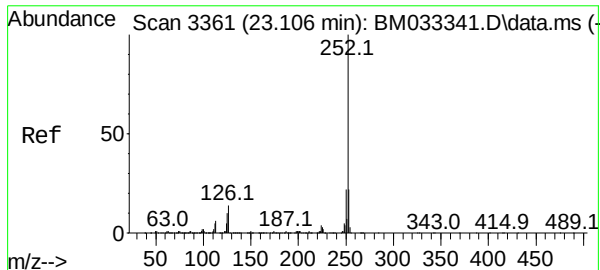
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



Benzo(b)fluoranthene
Concen: 41.96 ng
RT: 23.047 min Scan# 3368
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion:	252	Resp:	422354
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	7.9	7.4	11.2





Scan 3361 (23.106 min): BM033341.D\data.ms (-3359) (-)
 Benzo(k)fluoranthene
 Concen: 42.57 ng
 RT: 23.094 min Scan# 3361
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

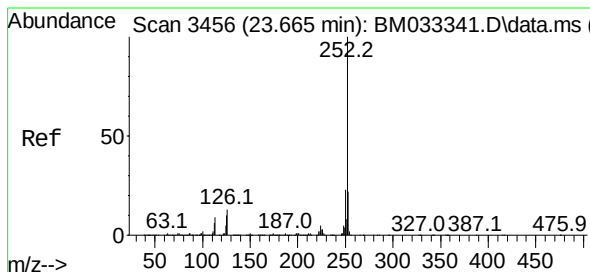
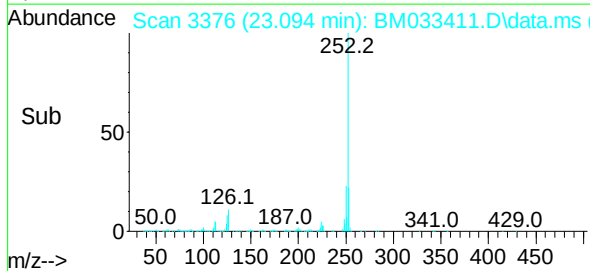
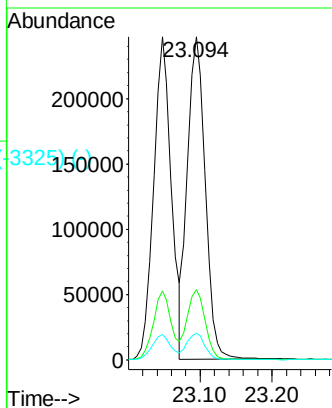
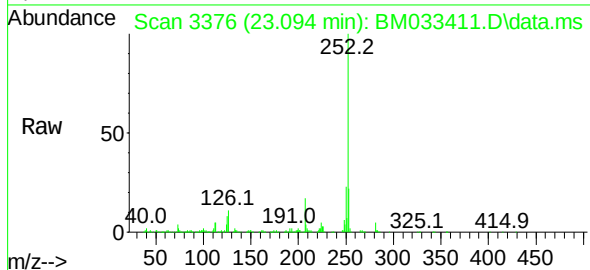
SSTDCCC040

Tgt Ion:252 Resp: 42323
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.8
 125 8.3 8.1 12.1

Manual Integrations

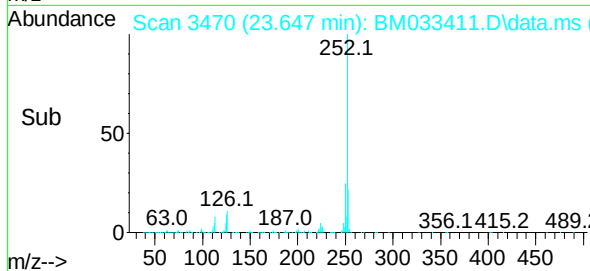
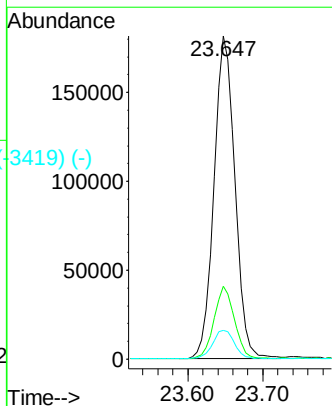
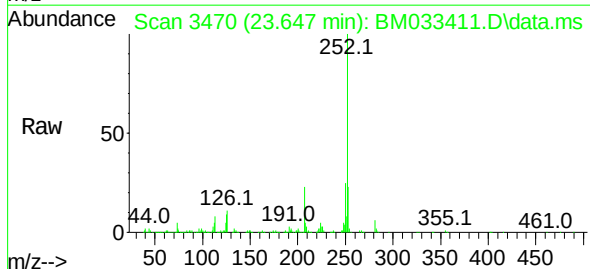
APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

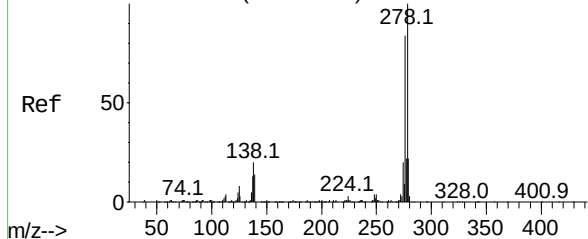


Scan 3456 (23.665 min): BM033341.D\data.ms (-3449) (-)
 Benzo(a)pyrene
 Concen: 42.27 ng
 RT: 23.647 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: BM033411.D
 Acq: 11 Dec 2021 14:21

Tgt Ion:252 Resp: 351287
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.5 26.3
 125 8.8 7.8 11.8



Abundance Scan 3880 (26.159 min): BM033411.D\data.ms (-3880) (-)



Dibenzo(a,h)anthracene
Concen: 42.05 ng
RT: 26.130 min Scan# 3890
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Instrument :

BNA_M

ClientSampleId :

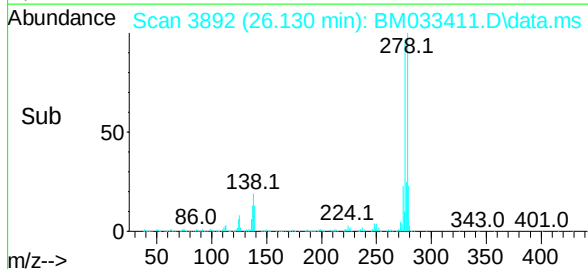
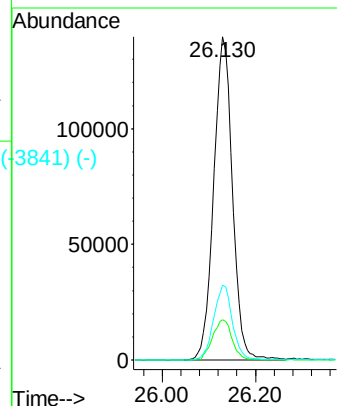
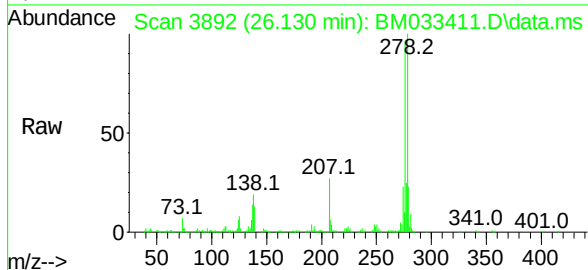
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.9	16.3
279	23.1	17.7	26.9

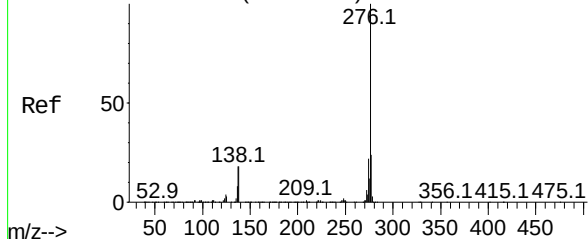
Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



Abundance Scan 4003 (26.882 min): BM033411.D\data.ms (-3992) (-)



Benzo(g,h,i)perylene
Concen: 42.78 ng
RT: 26.853 min Scan# 4015
Delta R.T. 0.000 min
Lab File: BM033411.D
Acq: 11 Dec 2021 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	17.2	14.8	22.2

