

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128676.D
 Acq On : 03 Jun 2022 13:16
 Operator : CG\JU
 Sample : N3025-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-BOTMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/06/2022
 Supervised By : Jagrut Upadhyay 06/06/2022

Quant Time: Jun 03 23:41:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	87060	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	332948	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	189525	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	323377	20.000	ng	0.00
76) Chrysene-d12	13.998	240	183013	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	176969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	567926	103.907	ng	0.00
7) Phenol-d6	6.486	99	724360	108.569	ng	-0.01
23) Nitrobenzene-d5	7.392	82	523449	73.198	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	236755	105.726	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	950262	70.235	ng	0.00
79) Terphenyl-d14	12.939	244	860620	81.712	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	86398	42.579	ng	# 90
3) Pyridine	3.381	79	225094	41.759	ng	# 85
4) n-Nitrosodimethylamine	3.345	42	199435	53.353	ng	# 64
6) Aniline	6.486	93	342312	47.573	ng	# 74
8) 2-Chlorophenol	6.628	128	285804	51.102	ng	99
9) Benzaldehyde	6.375	77	184843	45.476	ng	90
10) Phenol	6.498	94	359026	50.907	ng	# 70
11) bis(2-Chloroethyl)ether	6.563	93	260255	50.360	ng	98
12) 1,3-Dichlorobenzene	6.763	146	319270m	49.380	ng	
13) 1,4-Dichlorobenzene	6.839	146	322578	49.400	ng	97
14) 1,2-Dichlorobenzene	6.992	146	307679	50.370	ng	96
15) Benzyl Alcohol	6.975	79	290479	52.036	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.098	45	433138	50.870	ng	# 26
17) 2-Methylphenol	7.104	107	231548	52.384	ng	# 82
18) Hexachloroethane	7.333	117	128612	52.940	ng	92
19) n-Nitroso-di-n-propyla...	7.245	70	226694	54.648	ng	95
20) 3+4-Methylphenols	7.257	107	308657	52.304	ng	# 80
22) Acetophenone	7.233	105	437020	50.185	ng	# 92
24) Nitrobenzene	7.410	77	341443	52.007	ng	94
25) Isophorone	7.651	82	603544	55.570	ng	# 95
26) 2-Nitrophenol	7.728	139	150802	52.133	ng	# 86
27) 2,4-Dimethylphenol	7.781	122	248188	56.325	ng	94
28) bis(2-Chloroethoxy)met...	7.863	93	337156	49.106	ng	99
29) 2,4-Dichlorophenol	7.986	162	255360	50.072	ng	97
30) 1,2,4-Trichlorobenzene	8.051	180	274002	47.716	ng	99
31) Naphthalene	8.133	128	842690	49.317	ng	99
32) Benzoic acid	7.922	122	144112	46.099	ng	86
33) 4-Chloroaniline	8.180	127	211421	32.818	ng	# 92
34) Hexachlorobutadiene	8.245	225	197376	48.467	ng	99
35) Caprolactam	8.563	113	70647m	50.096	ng	
36) 4-Chloro-3-methylphenol	8.686	107	291426	52.361	ng	93
37) 2-Methylnaphthalene	8.822	142	553719	50.948	ng	99
38) 1-Methylnaphthalene	8.922	142	532368	50.699	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	288960	49.092	ng	98
41) Hexachlorocyclopentadiene	8.975	237	407419	115.151	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	195155	49.029	ng	96

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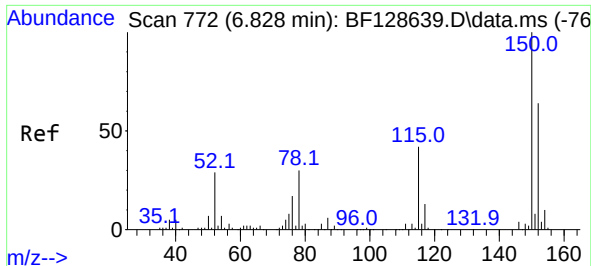
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	206663	50.240	ng	# 94
46) 1,1'-Biphenyl	9.292	154	713133	50.149	ng	97
47) 2-Chloronaphthalene	9.316	162	538369	49.615	ng	100
48) 2-Nitroaniline	9.416	65	201122	54.202	ng	91
49) Acenaphthylene	9.727	152	880744	53.019	ng	100
50) Dimethylphthalate	9.592	163	661141	50.965	ng	100
51) 2,6-Dinitrotoluene	9.657	165	141648	55.322	ng	86
52) Acenaphthene	9.904	154	603676m	55.803	ng	
53) 3-Nitroaniline	9.827	138	99258	35.719	ng	99
54) 2,4-Dinitrophenol	9.933	184	134549	94.346	ng	# 87
55) Dibenzofuran	10.074	168	761320	48.968	ng	91
56) 4-Nitrophenol	10.027	139	198440	98.515	ng	# 63
57) 2,4-Dinitrotoluene	10.057	165	191280	55.979	ng	# 86
58) Fluorene	10.416	166	601517	49.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	163752	48.196	ng	# 93
60) Diethylphthalate	10.292	149	659746	50.601	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	310172	49.598	ng	89
62) 4-Nitroaniline	10.445	138	132051	46.933	ng	# 73
63) Azobenzene	10.569	77	633990	49.393	ng	93
65) 4,6-Dinitro-2-methylph...	10.469	198	87750	45.981	ng	98
66) n-Nitrosodiphenylamine	10.533	169	540180	54.347	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	193932	53.777	ng	91
68) Hexachlorobenzene	10.963	284	212890	53.156	ng	97
69) Atrazine	11.063	200	178545	55.859	ng	97
70) Pentachlorophenol	11.169	266	206625	103.354	ng	99
71) Phenanthrene	11.380	178	822622	50.717	ng	99
72) Anthracene	11.433	178	843521	52.542	ng	99
73) Carbazole	11.592	167	694735	46.592	ng	99
74) Di-n-butylphthalate	11.916	149	922429	50.808	ng	99
75) Fluoranthene	12.568	202	794209	46.843	ng	96
77) Benzidine	12.692	184	303887	83.296	ng	99
78) Pyrene	12.798	202	777862	57.128	ng	99
80) Butylbenzylphthalate	13.415	149	313548	54.835	ng	97
81) Benzo(a)anthracene	13.986	228	601554	52.732	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	128976	52.846	ng	98
83) Chrysene	14.027	228	566676	52.104	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	414792	55.798	ng	100
85) Di-n-octyl phthalate	14.592	149	628245	56.113	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	620267	58.151	ng	# 92
88) Benzo(b)fluoranthene	15.033	252	596583	52.757	ng	# 97
89) Benzo(k)fluoranthene	15.062	252	508630	47.815	ng	# 97
90) Benzo(a)pyrene	15.398	252	533517	60.028	ng	# 97
91) Dibenzo(a,h)anthracene	16.939	278	538064	60.815	ng	# 95
92) Benzo(g,h,i)perylene	17.362	276	537221	61.266	ng	# 91

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



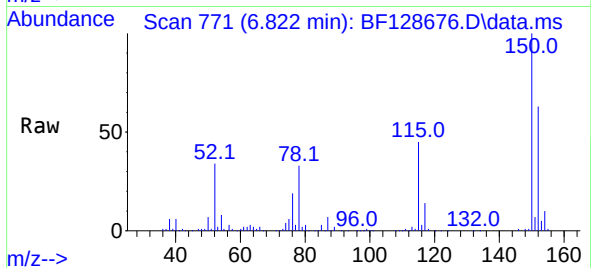
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

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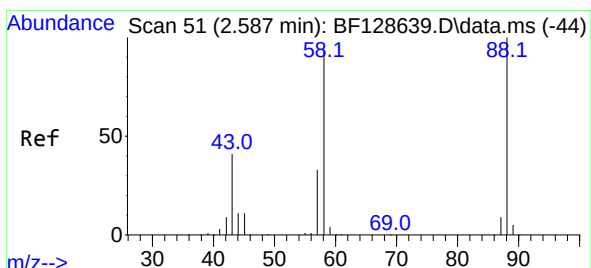
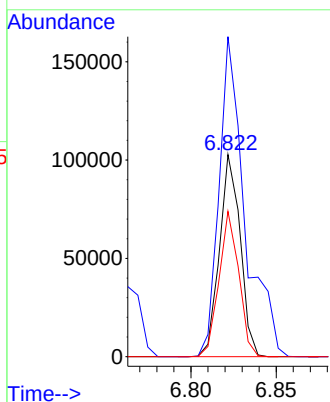
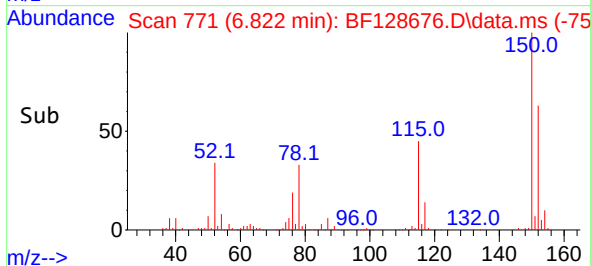


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Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 71.9 49.9 74.9

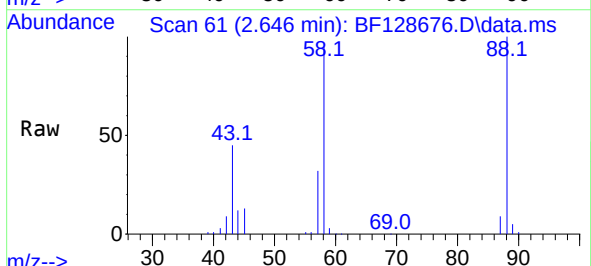
Manual Integrations

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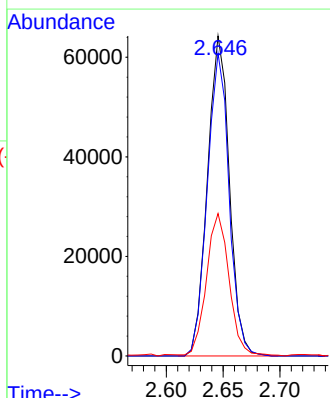
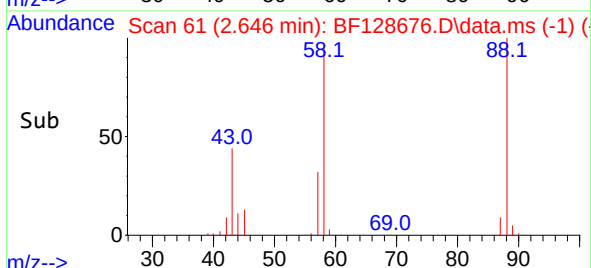
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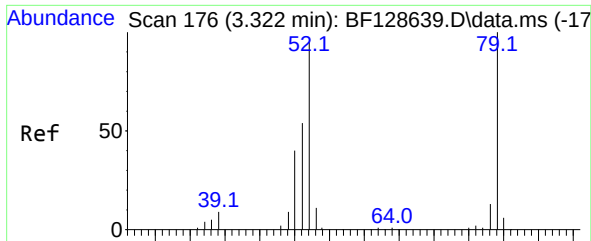


#2
1,4-Dioxane
Concen: 42.579 ng
RT: 2.646 min Scan# 61
Delta R.T. 0.059 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



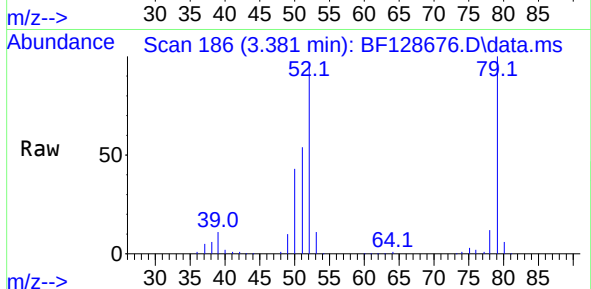
Tgt Ion: 88 Resp: 86398
Ion Ratio Lower Upper
88 100
58 94.1 71.8 107.8
43 46.5 26.6 39.8





#3
Pyridine
Concen: 41.759 ng
RT: 3.381 min Scan# 186
Delta R.T. 0.059 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

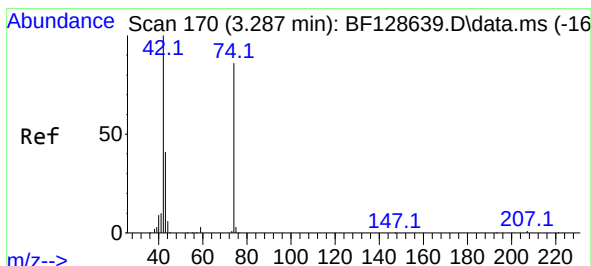
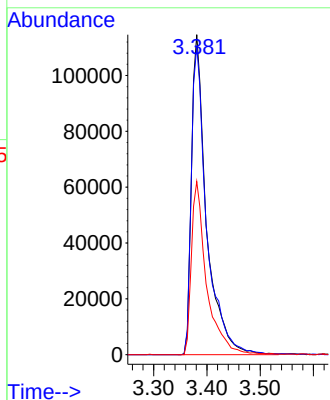
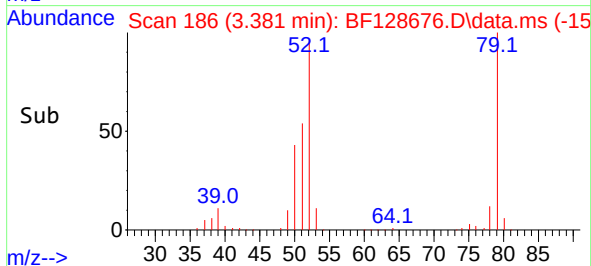
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



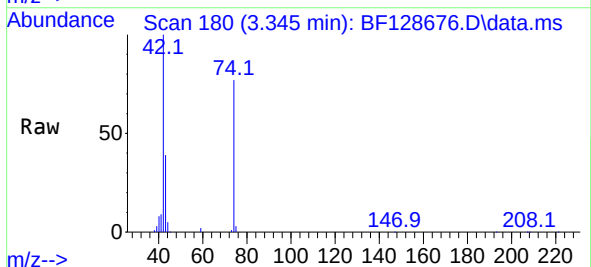
Tgt Ion: 79 Resp: 225094
Ion Ratio Lower Upper
79 100
52 96.4 68.6 102.8
51 54.1 32.9 49.3

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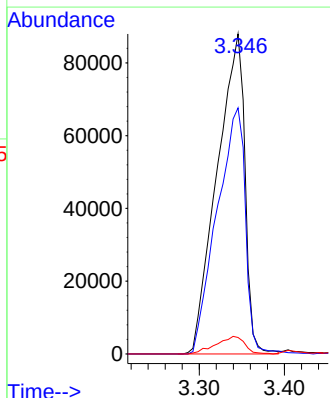
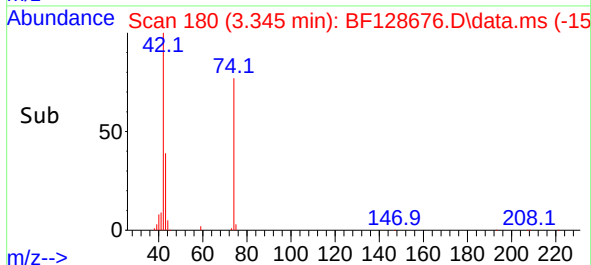
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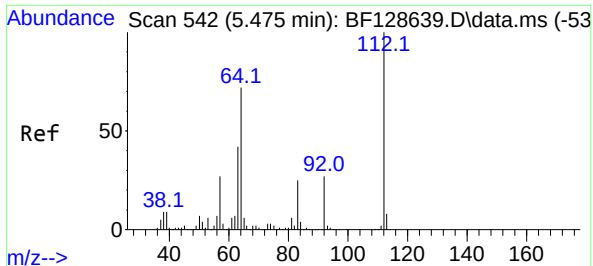


#4
n-Nitrosodimethylamine
Concen: 53.353 ng
RT: 3.345 min Scan# 180
Delta R.T. 0.058 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion: 42 Resp: 199435
Ion Ratio Lower Upper
42 100
74 76.9 94.8 142.2#
44 5.2 6.6 10.0#





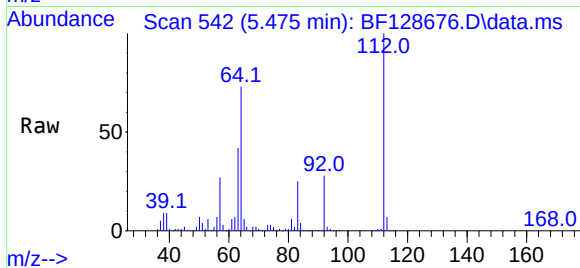
#5
2-Fluorophenol
Concen: 103.907 ng
RT: 5.475 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

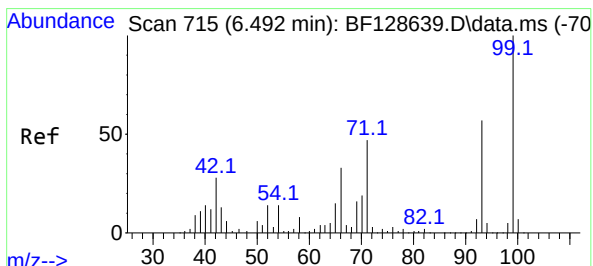
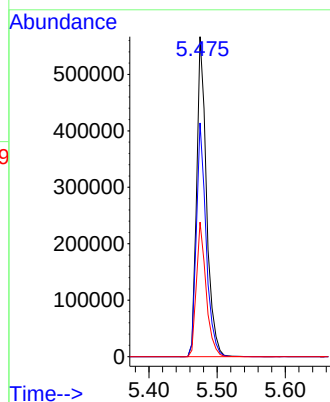
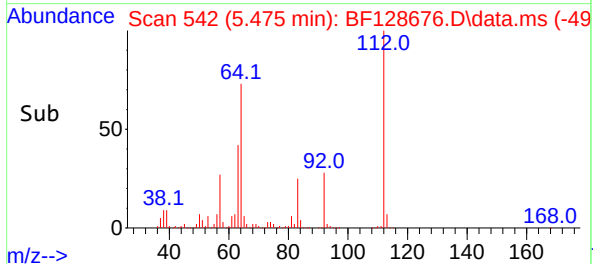


Tgt Ion:112 Resp: 567920
Ion Ratio Lower Upper
112 100
64 73.1 53.3 79.9
63 42.0 28.0 42.0

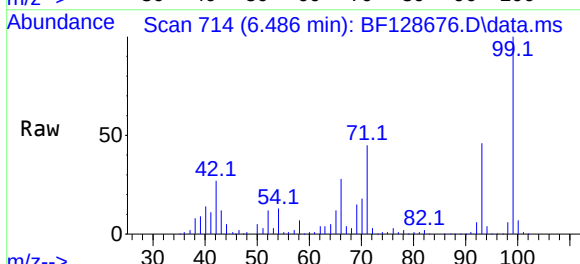
Manual Integrations

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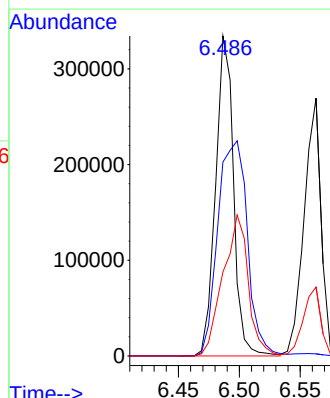
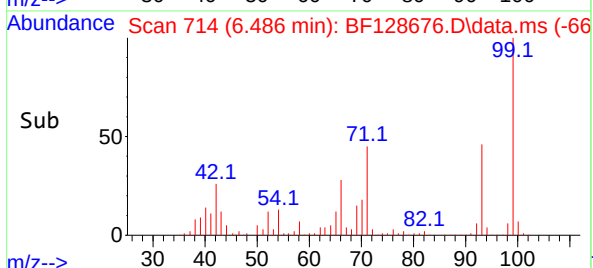
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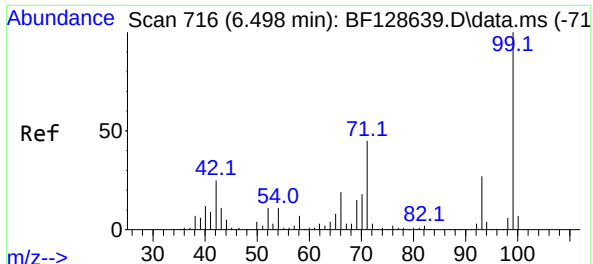


#6
Aniline
Concen: 47.573 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



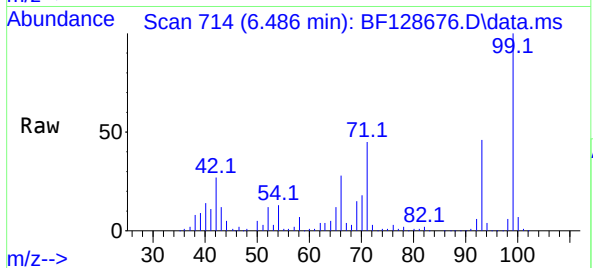
Tgt Ion: 93 Resp: 342312
Ion Ratio Lower Upper
93 100
66 60.6 32.5 48.7#
65 26.3 16.4 24.6#





#7
Phenol-d6
Concen: 108.569 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

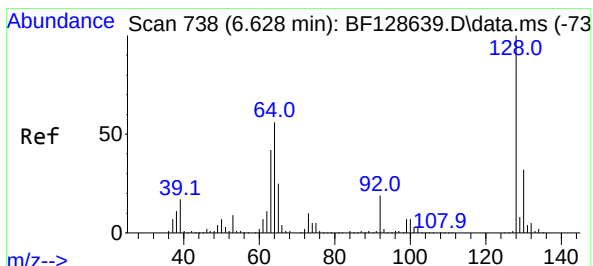
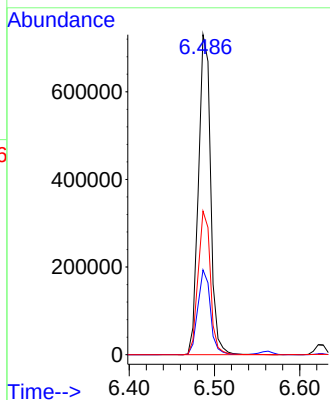
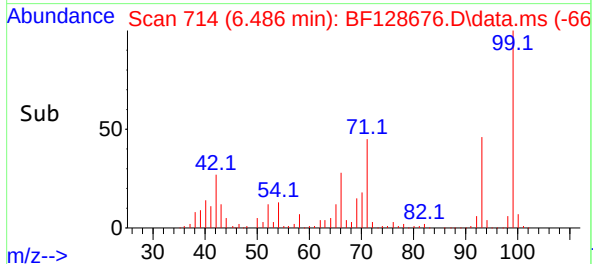
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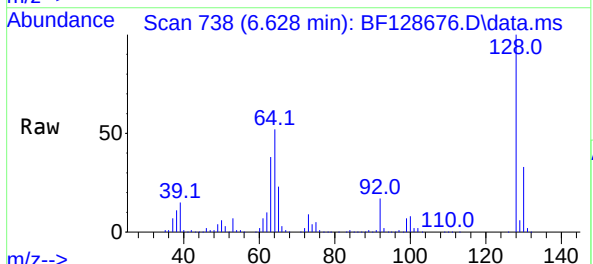
Tgt Ion: 99 Resp: 724360
Ion Ratio Lower Upper
99 100
42 26.5 17.3 25.9
71 44.9 28.9 43.3

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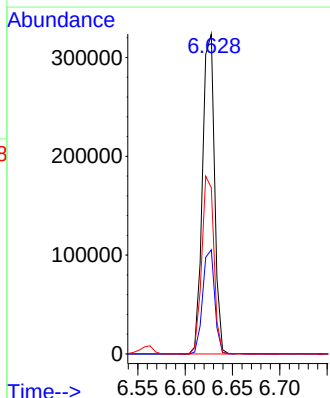
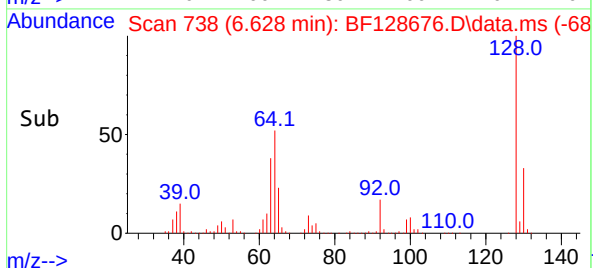
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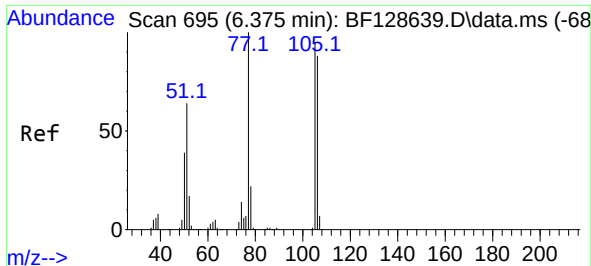


#8
2-Chlorophenol
Concen: 51.102 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:128 Resp: 285804
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 52.0 30.9 70.9





#9
Benzaldehyde
Concen: 45.476 ng
RT: 6.375 min Scan# 695
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

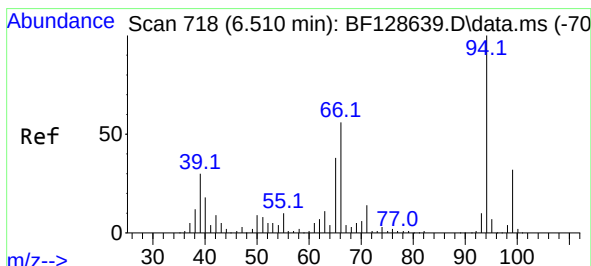
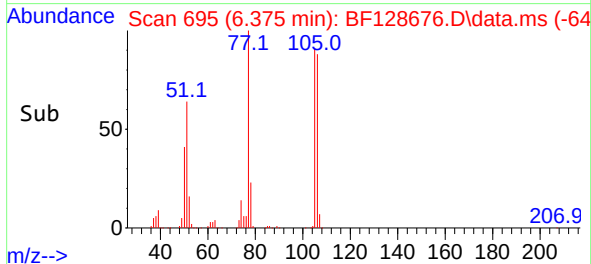
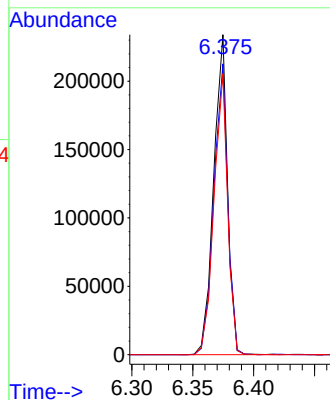
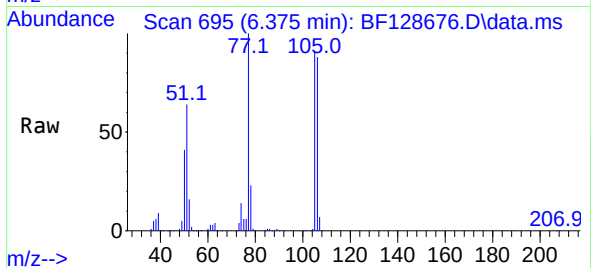
UST-BOTMS

Tgt Ion: 77 Resp: 18484
Ion Ratio Lower Upper
77 100
105 90.9 81.6 121.6
106 87.8 76.1 116.1

Manual Integrations

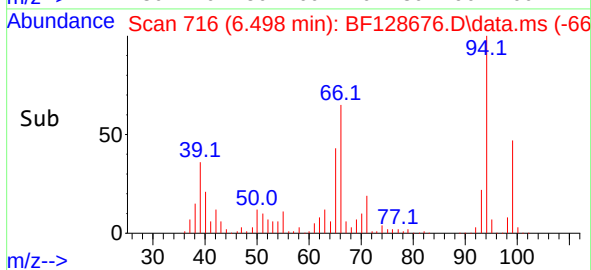
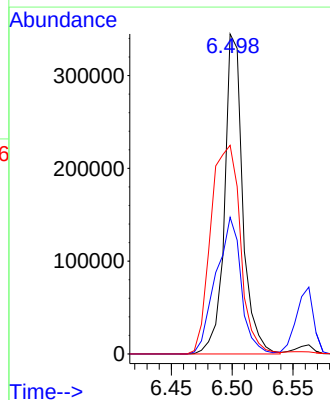
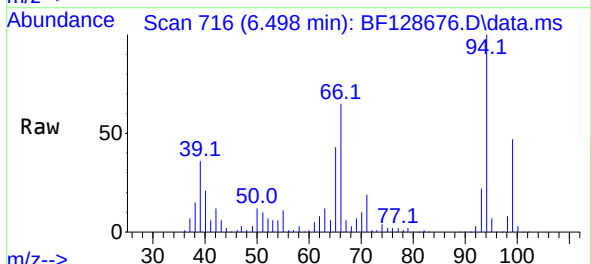
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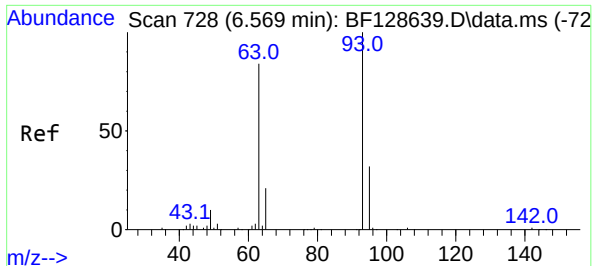
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Supervised By :Jagrut Upadhyay 06/06/2022



#10
Phenol
Concen: 50.907 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

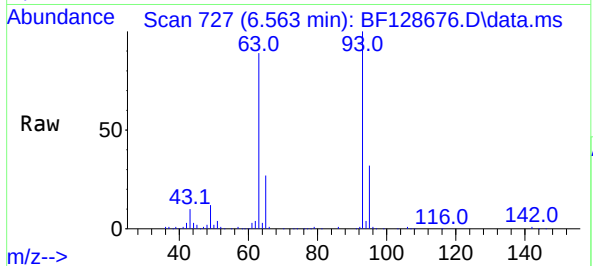
Tgt Ion: 94 Resp: 359026
Ion Ratio Lower Upper
94 100
65 42.7 11.4 51.4
66 65.2 21.4 61.4#





#11
bis(2-Chloroethyl)ether
Concen: 50.360 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

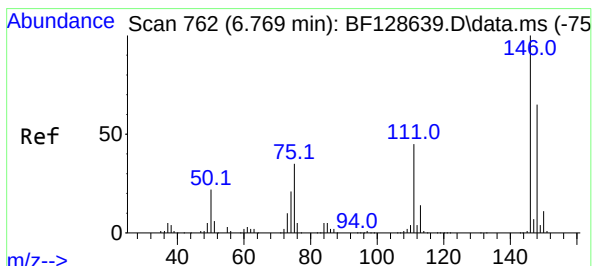
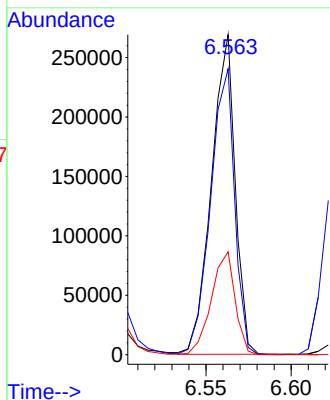
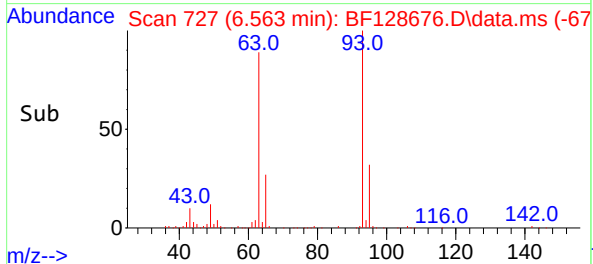
Instrument :
BNA_F
ClientSampleId :
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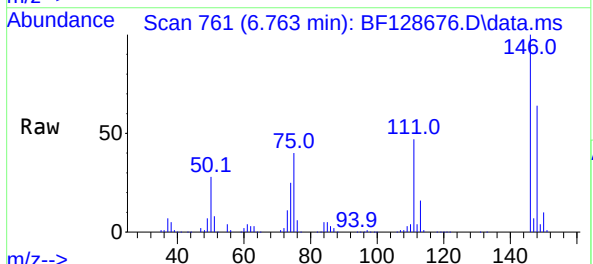
Tgt Ion: 93 Resp: 26025
Ion Ratio Lower Upper
93 100
63 89.3 67.4 107.4
95 32.2 12.7 52.7

Manual Integrations
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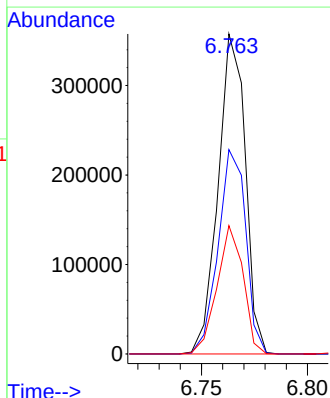
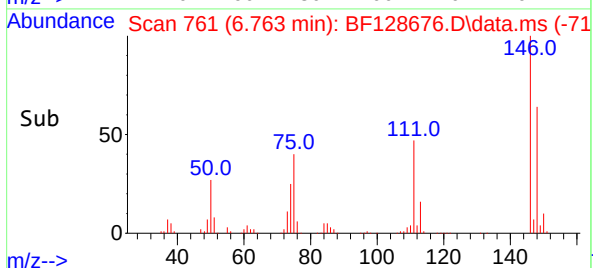
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

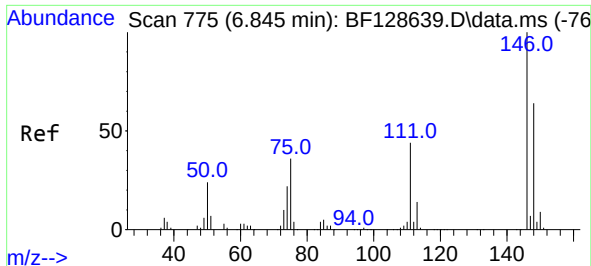


#12
1,3-Dichlorobenzene
Concen: 49.380 ng m
RT: 6.763 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



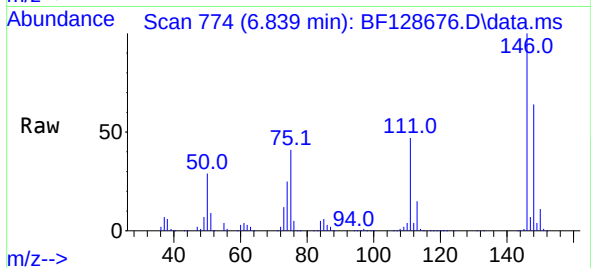
Tgt Ion:146 Resp: 319270
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 40.1 26.3 39.5#





#13
1,4-Dichlorobenzene
Concen: 49.400 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

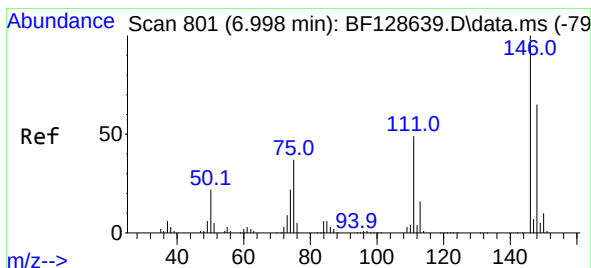
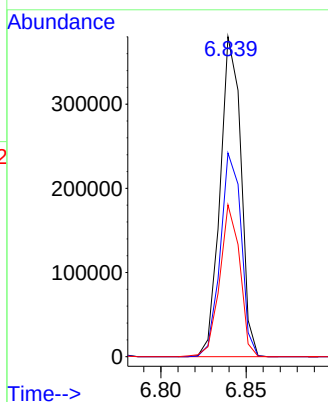
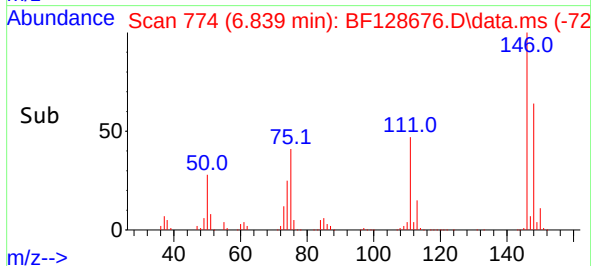
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



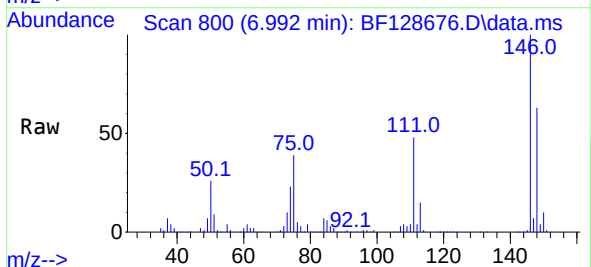
Tgt Ion:146 Resp: 322578
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 47.5 34.2 51.4

Manual Integrations
APPROVED

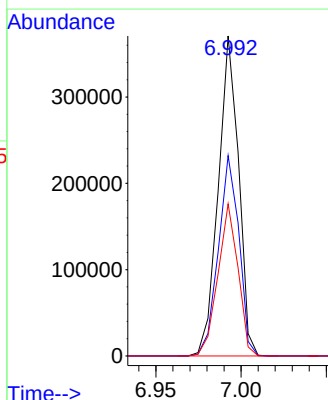
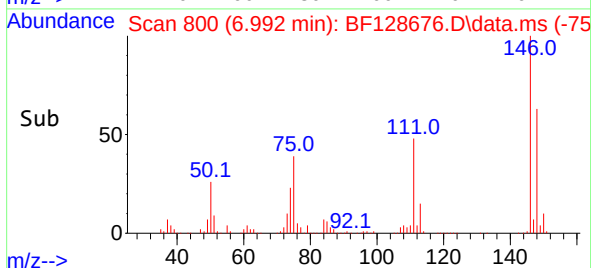
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

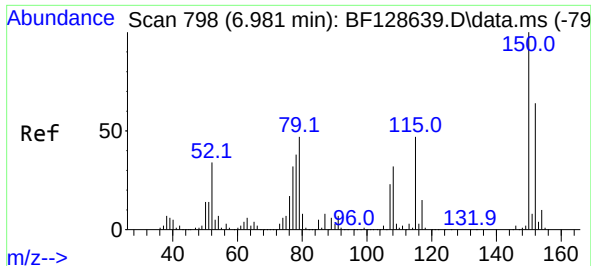


#14
1,2-Dichlorobenzene
Concen: 50.370 ng
RT: 6.992 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:146 Resp: 307679
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.8
111 47.5 35.1 52.7





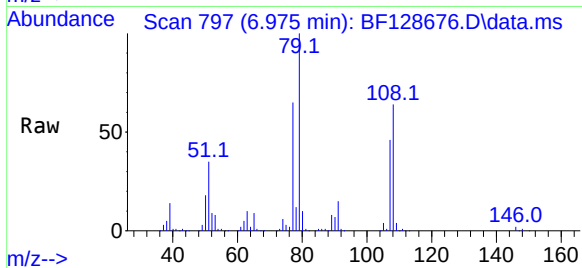
#15
Benzyl Alcohol
Concen: 52.036 ng
RT: 6.975 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

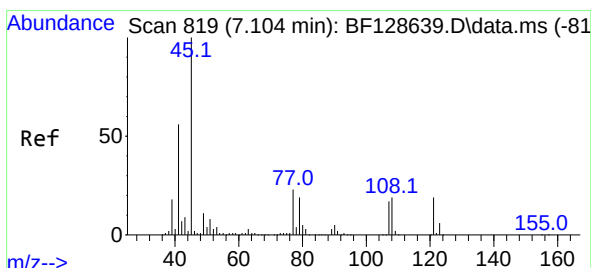
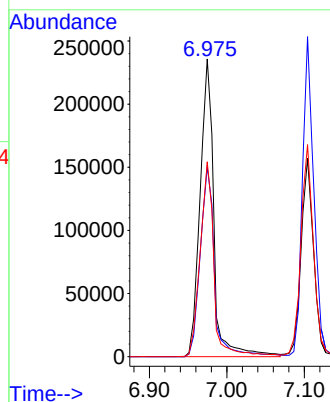
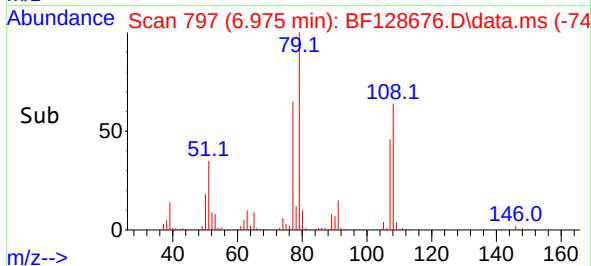


Tgt Ion: 79 Resp: 290479
Ion Ratio Lower Upper
79 100
108 63.8 61.8 92.6
77 65.4 50.2 75.4

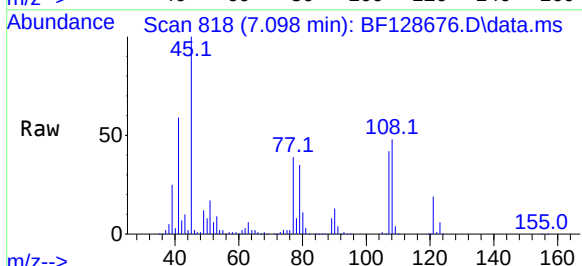
Manual Integrations

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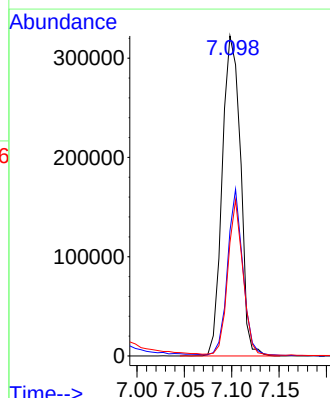
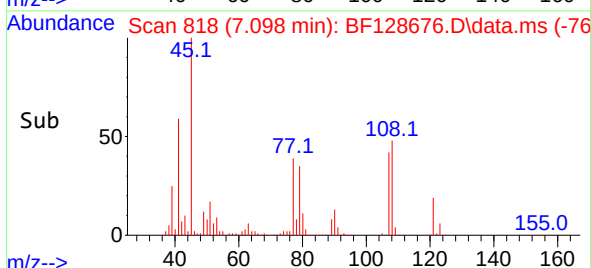
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

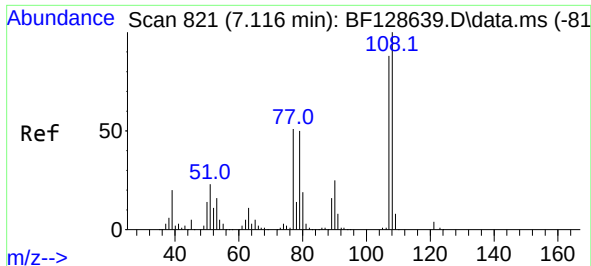


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.870 ng
RT: 7.098 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



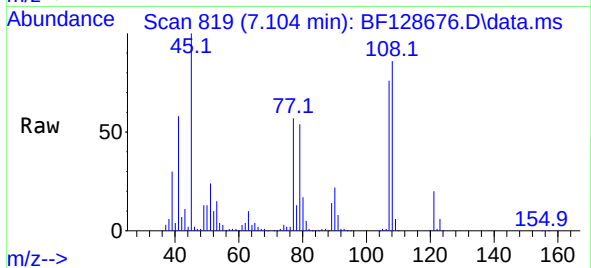
Tgt Ion: 45 Resp: 433138
Ion Ratio Lower Upper
45 100
77 39.1 0.0 31.3#
79 35.4 0.0 28.3#





#17
2-Methylphenol
Concen: 52.384 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

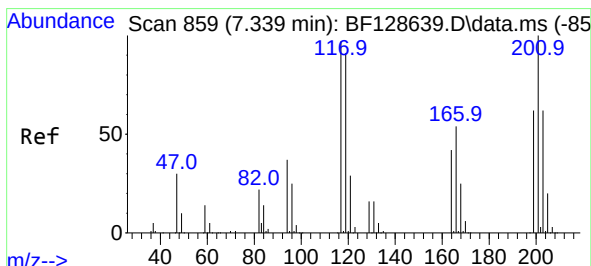
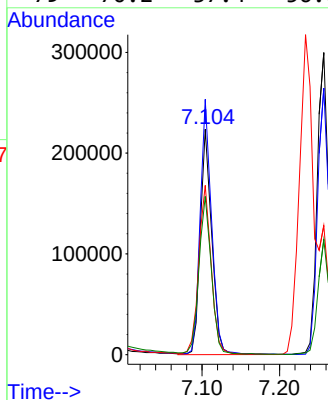
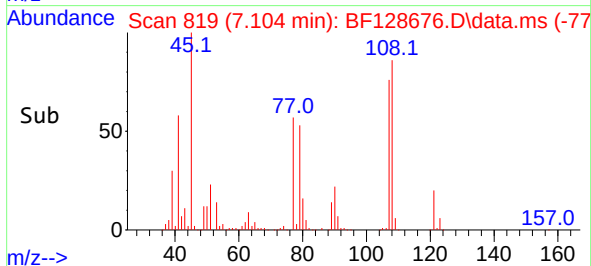
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



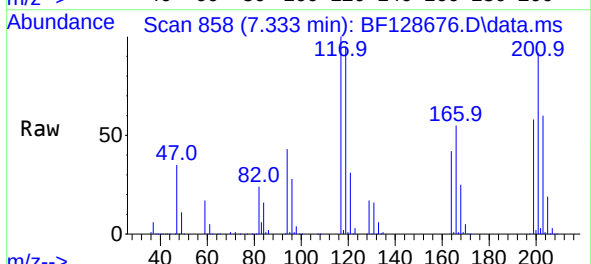
Tgt Ion:107 Resp: 23154
Ion Ratio Lower Upper
107 100
108 113.3 91.9 137.9
77 75.1 37.8 56.8
79 70.2 37.4 56.0

Manual Integrations
APPROVED

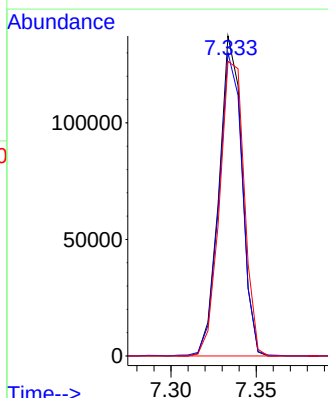
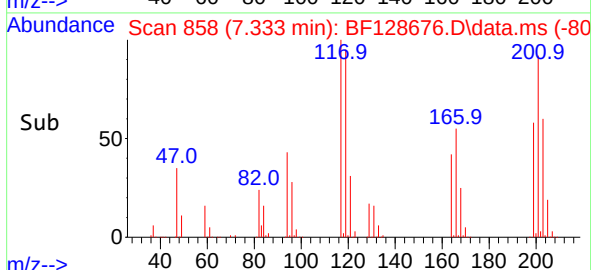
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

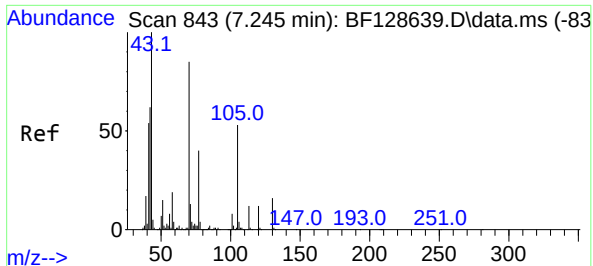


#18
Hexachloroethane
Concen: 52.940 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:117 Resp: 128612
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
201 92.1 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 54.648 ng

RT: 7.245 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF128676.D

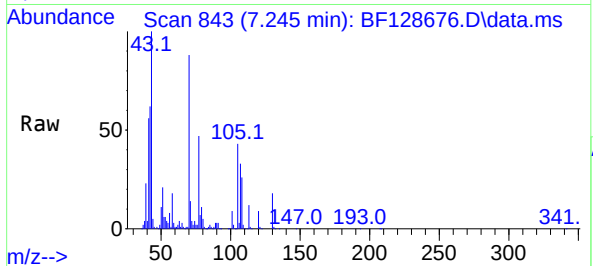
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS



Tgt Ion: 70 Resp: 226694

Ion Ratio Lower Upper

70 100

42 70.7 52.3 78.5

101 9.9 7.5 11.3

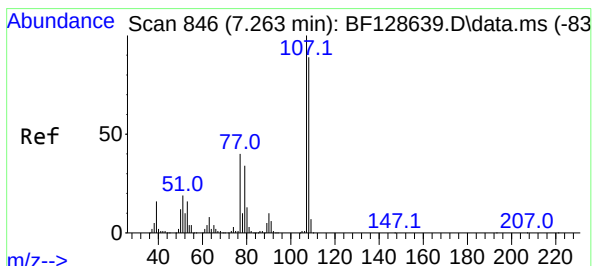
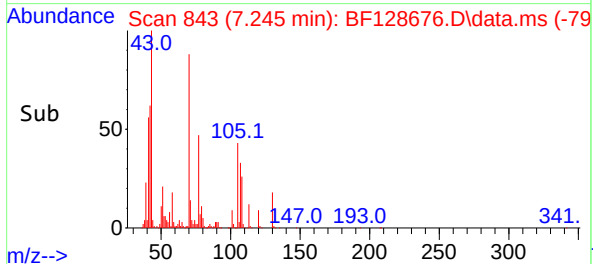
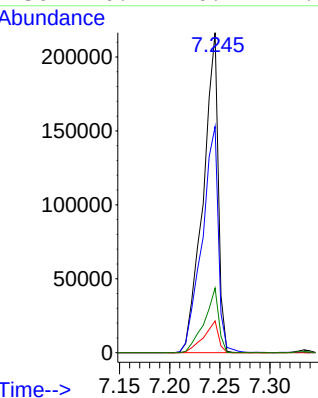
130 20.2 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#20

3+4-Methylphenols

Concen: 52.304 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Tgt Ion:107 Resp: 308657

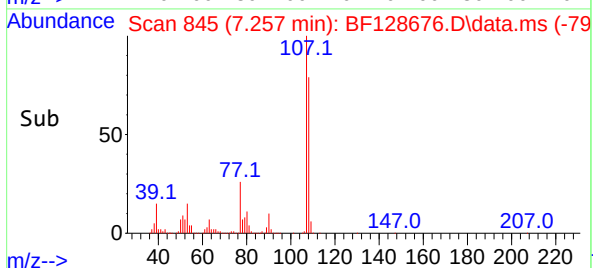
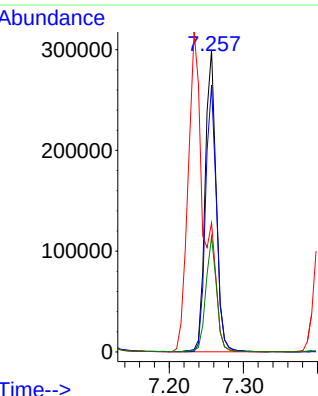
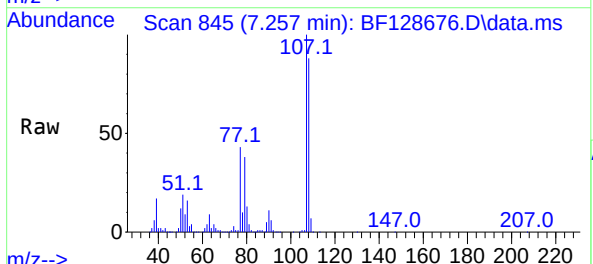
Ion Ratio Lower Upper

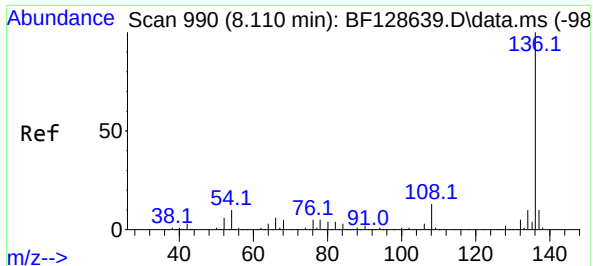
107 100

108 88.3 71.8 111.8

77 42.7 59.3 99.3#

79 38.1 11.7 51.7





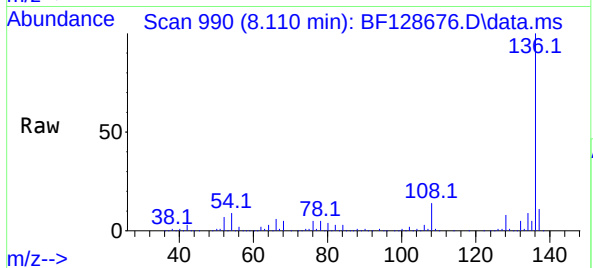
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

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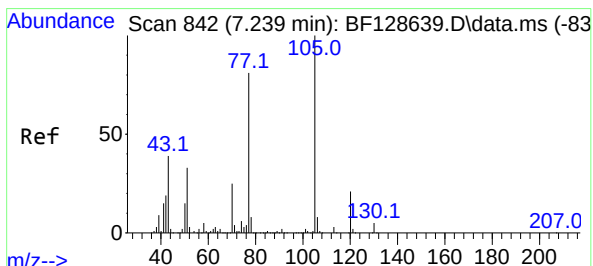
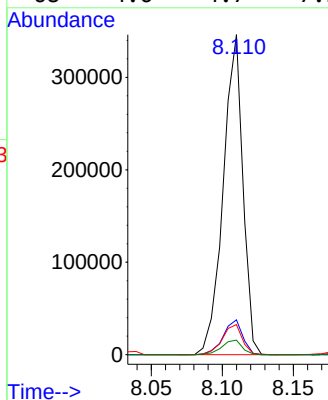
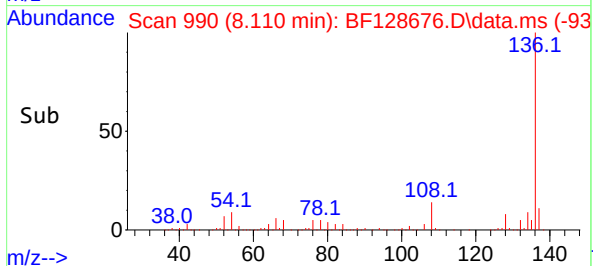


Tgt Ion:136 Resp: 332948
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.5 11.3
68 4.6 4.7 7.1#

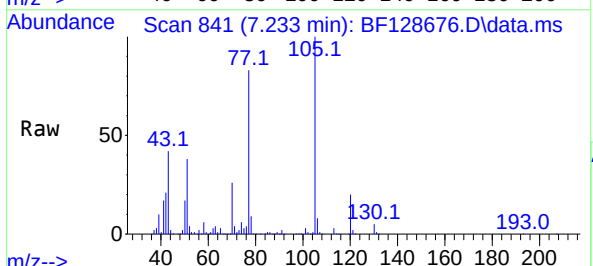
Manual Integrations

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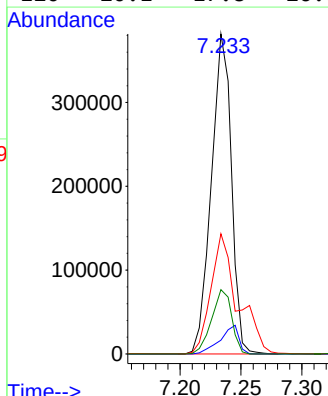
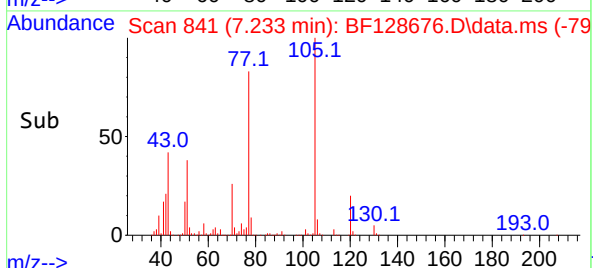
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

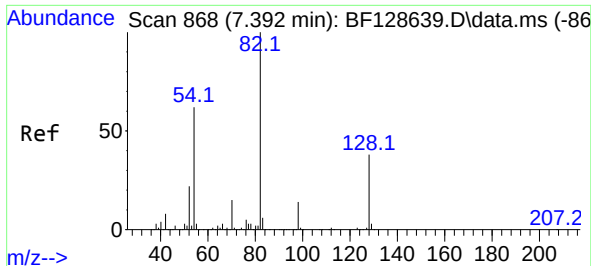


#22
Acetophenone
Concen: 50.185 ng
RT: 7.233 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:105 Resp: 437020
Ion Ratio Lower Upper
105 100
71 4.3 5.0 7.4#
51 37.6 25.0 37.4#
120 20.1 17.8 26.8





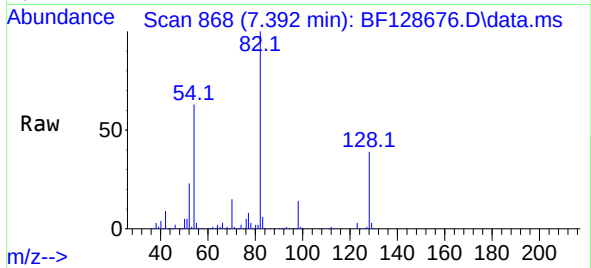
#23
Nitrobenzene-d5
Concen: 73.198 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

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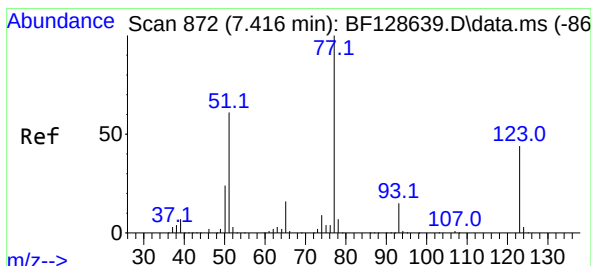
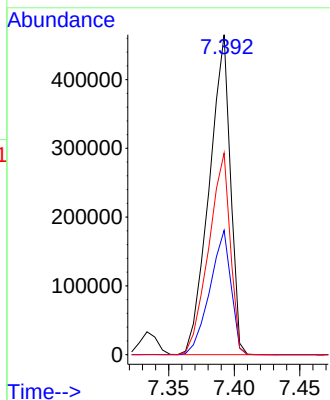
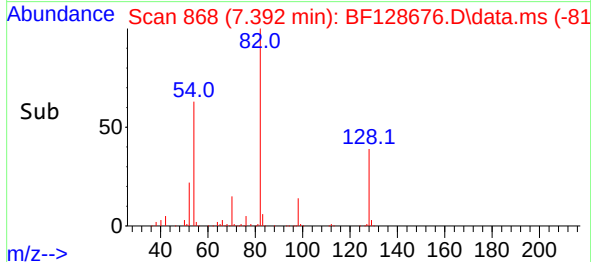


Tgt Ion: 82 Resp: 523449
Ion Ratio Lower Upper
82 100
128 38.9 34.0 51.0
54 63.0 46.9 70.3

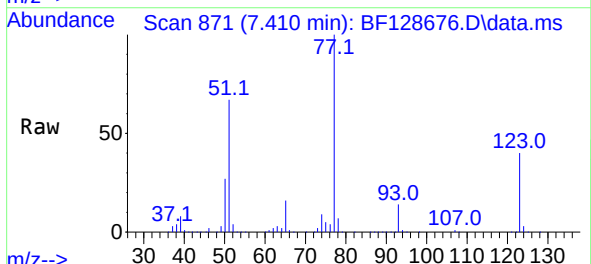
Manual Integrations

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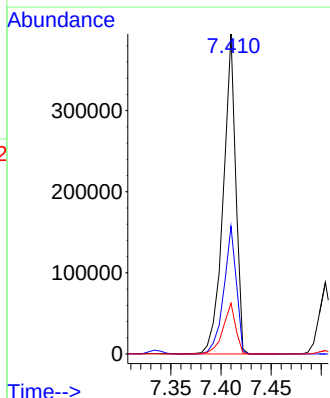
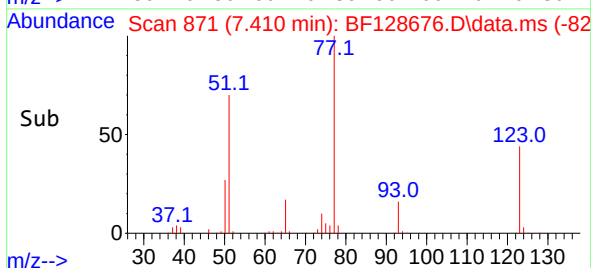
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

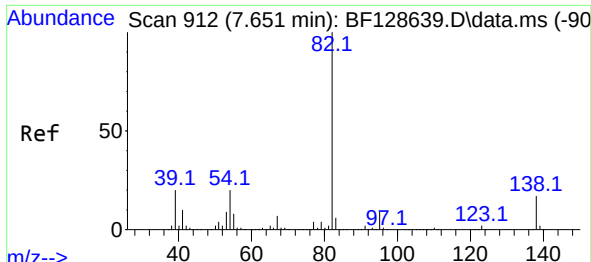


#24
Nitrobenzene
Concen: 52.007 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



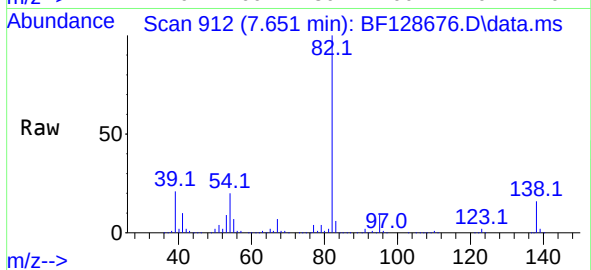
Tgt Ion: 77 Resp: 341443
Ion Ratio Lower Upper
77 100
123 39.9 35.4 53.2
65 15.9 11.8 17.8





#25
Isophorone
Concen: 55.570 ng
RT: 7.651 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

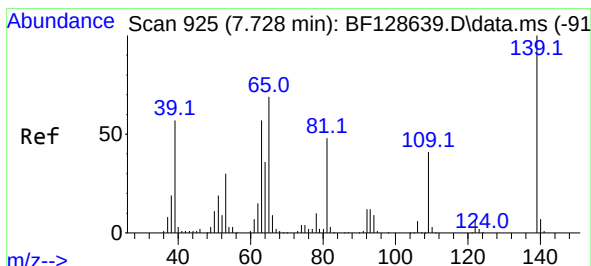
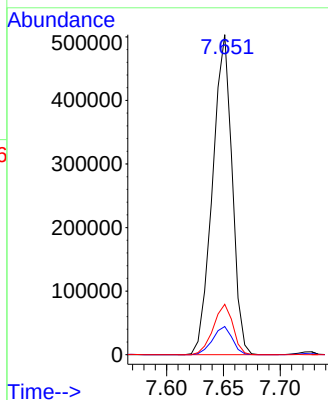
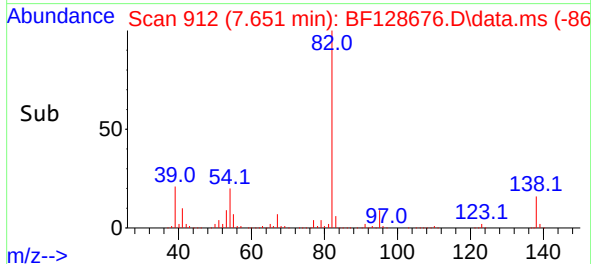
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



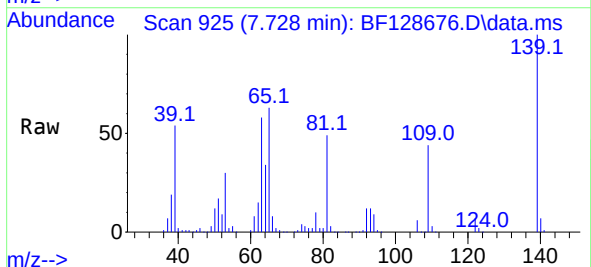
Tgt Ion: 82 Resp: 603544
Ion Ratio Lower Upper
82 100
95 8.8 5.7 8.5
138 15.7 14.2 21.2

Manual Integrations
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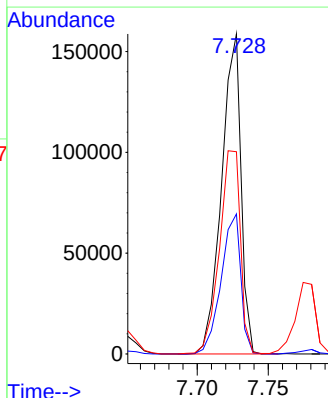
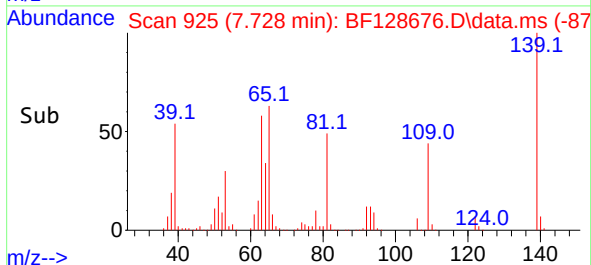
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

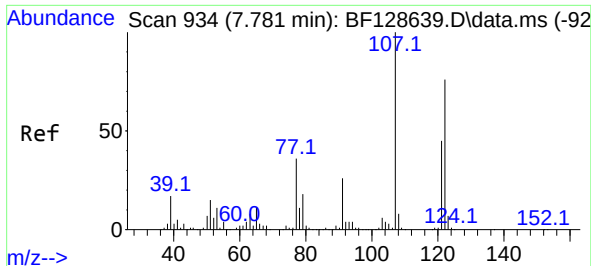


#26
2-Nitrophenol
Concen: 52.133 ng
RT: 7.728 min Scan# 925
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:139 Resp: 150802
Ion Ratio Lower Upper
139 100
109 43.7 25.0 37.4#
65 63.2 45.1 67.7





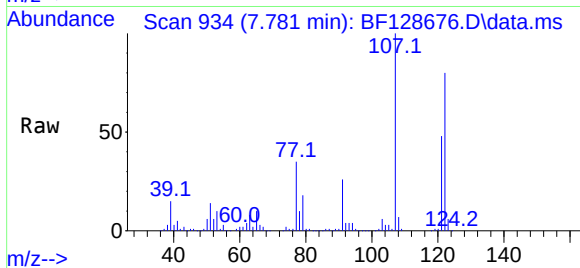
#27
2,4-Dimethylphenol
Concen: 56.325 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

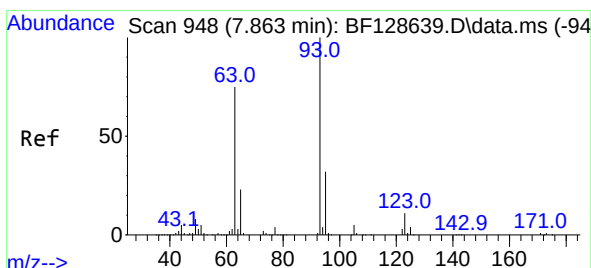
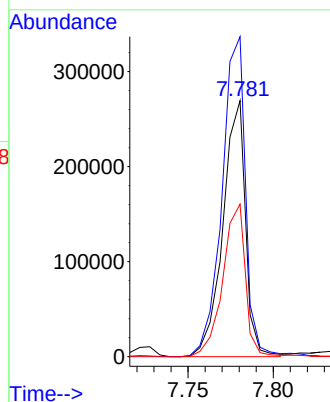
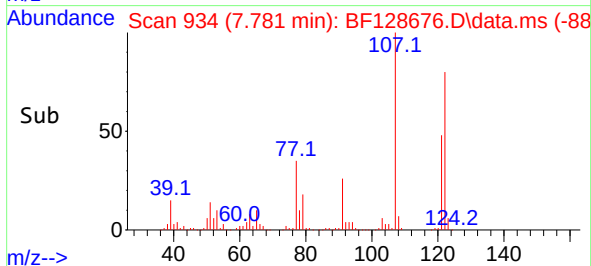


Tgt Ion:122 Resp: 248188
Ion Ratio Lower Upper
122 100
107 125.0 93.0 139.6
121 59.6 46.6 70.0

Manual Integrations

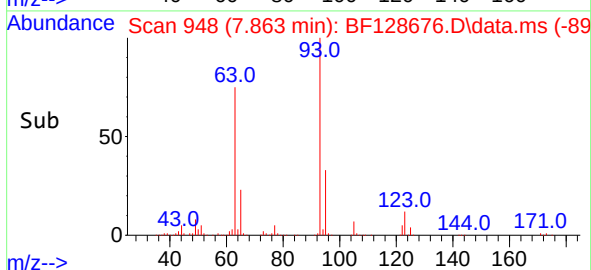
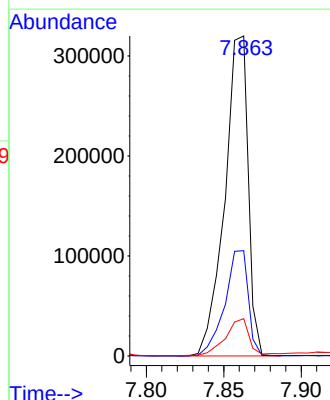
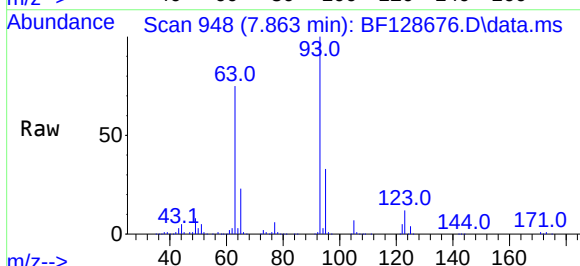
APPROVED

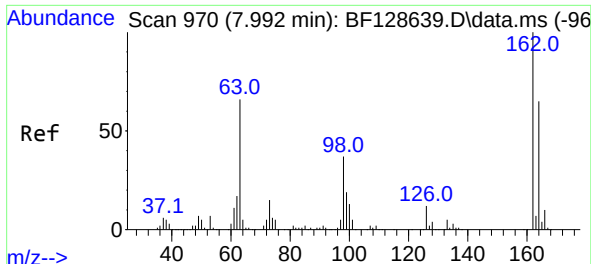
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.106 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 93 Resp: 337156
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.7 9.2 13.8





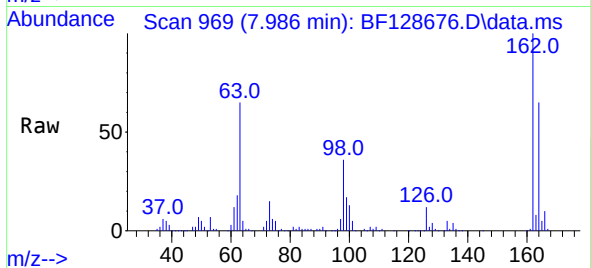
#29
2,4-Dichlorophenol
Concen: 50.072 ng
RT: 7.986 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

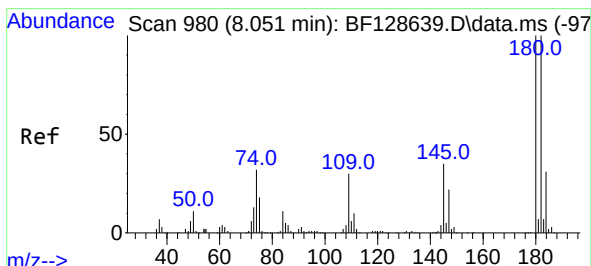
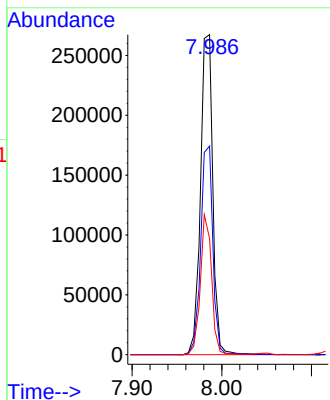
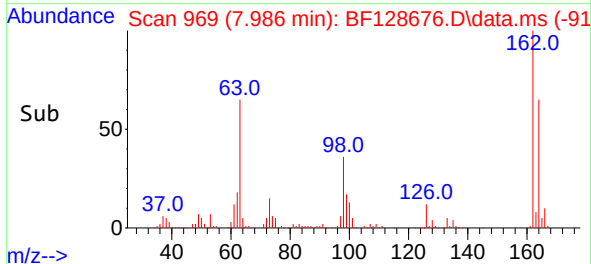


Tgt Ion:162 Resp: 255360
Ion Ratio Lower Upper
162 100
164 65.2 44.2 84.2
98 36.3 19.6 59.6

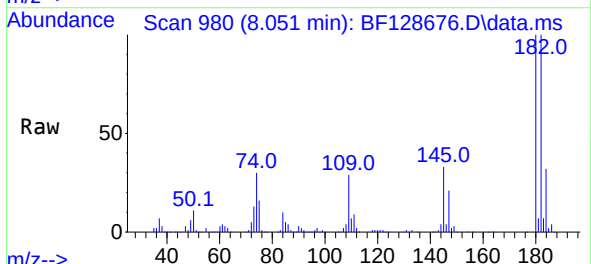
Manual Integrations

APPROVED

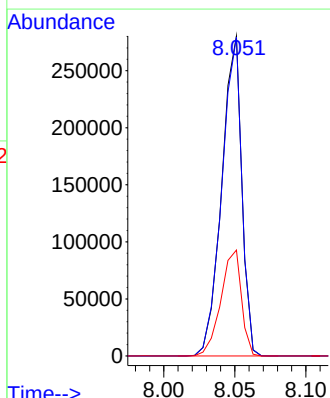
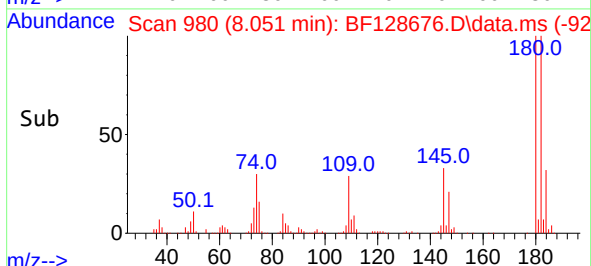
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

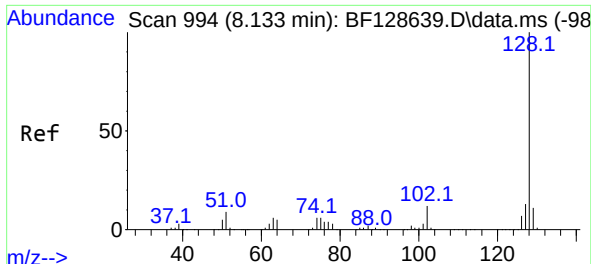


#30
1,2,4-Trichlorobenzene
Concen: 47.716 ng
RT: 8.051 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



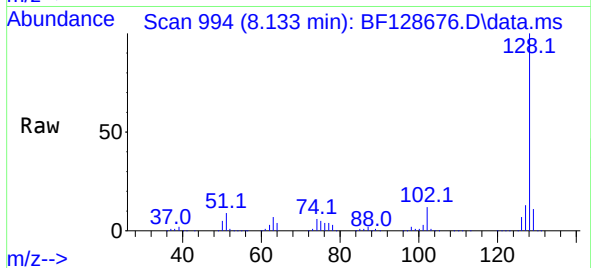
Tgt Ion:180 Resp: 274002
Ion Ratio Lower Upper
180 100
182 99.6 79.2 118.8
145 33.1 26.2 39.2





#31
Naphthalene
Concen: 49.317 ng
RT: 8.133 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

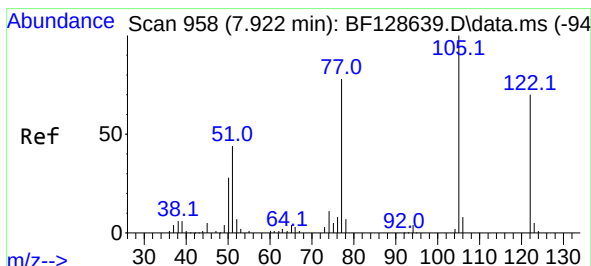
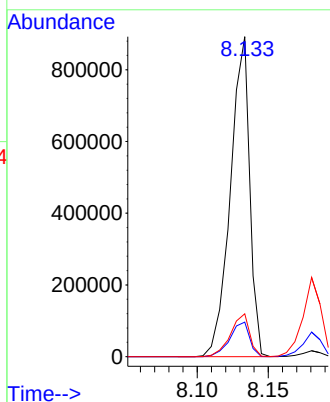
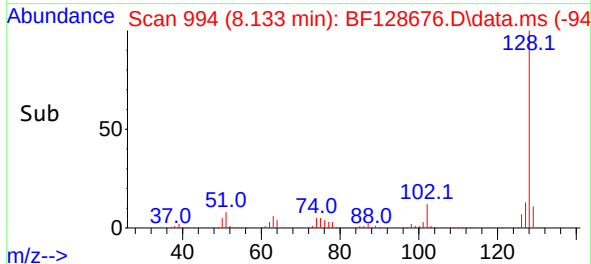
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



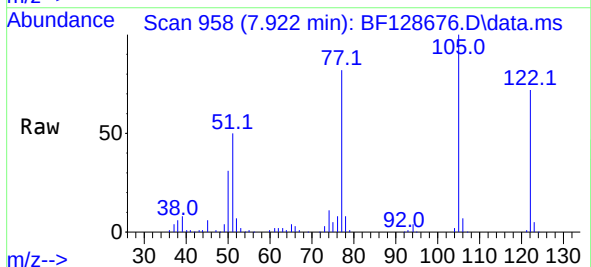
Tgt Ion:128 Resp: 842690
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.4 10.5 15.7

Manual Integrations
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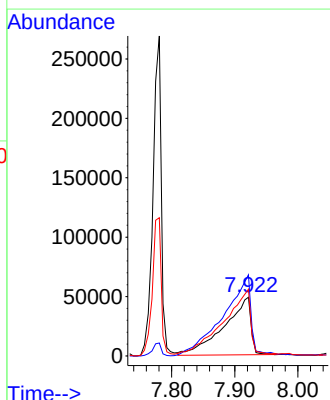
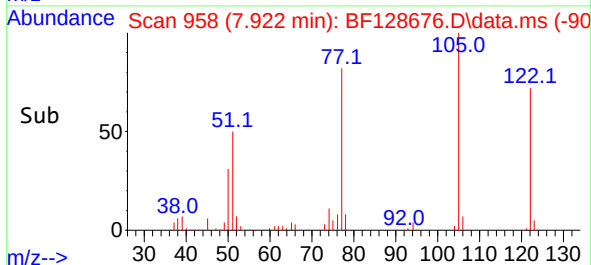
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

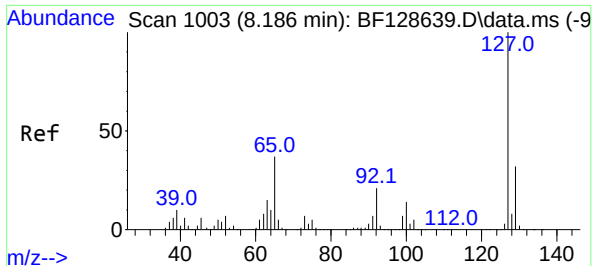


#32
Benzoic acid
Concen: 46.099 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:122 Resp: 144112
Ion Ratio Lower Upper
122 100
105 138.0 107.1 147.1
77 113.4 74.2 114.2





#33

4-Chloroaniline

Concen: 32.818 ng

RT: 8.180 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

Tgt Ion:127 Resp: 21142

Ion Ratio Lower Upper

127 100

129 31.1 26.4 39.6

65 40.8 26.4 39.6

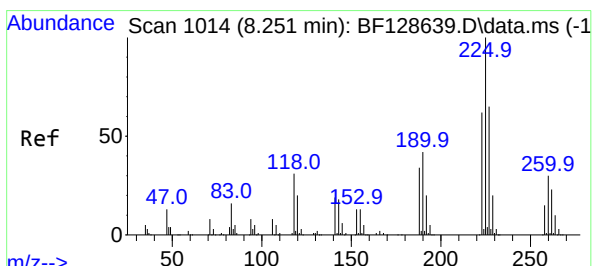
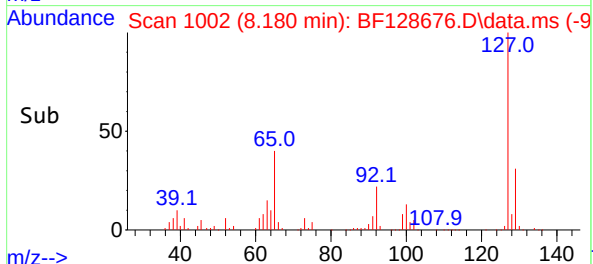
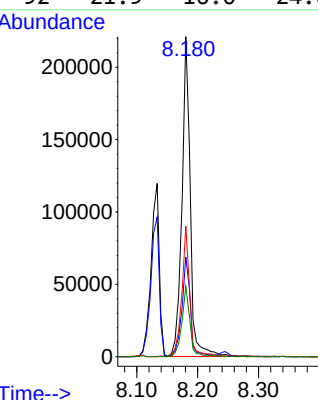
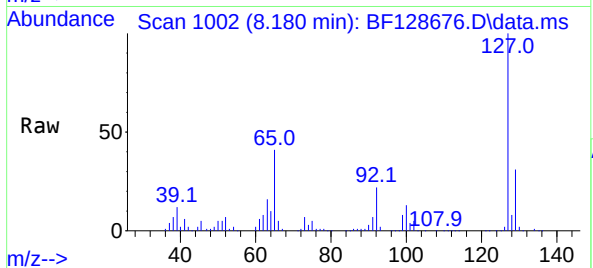
92 21.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#34

Hexachlorobutadiene

Concen: 48.467 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

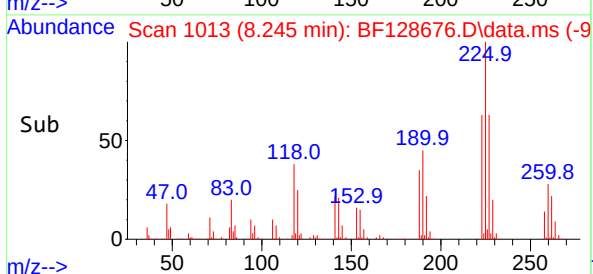
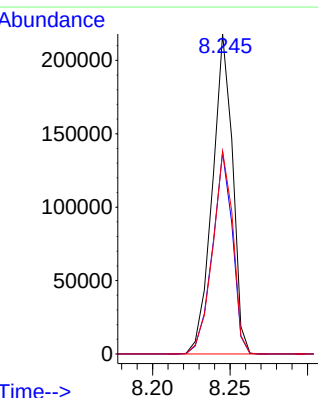
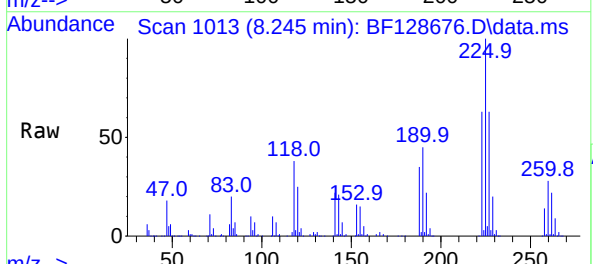
Tgt Ion:225 Resp: 197376

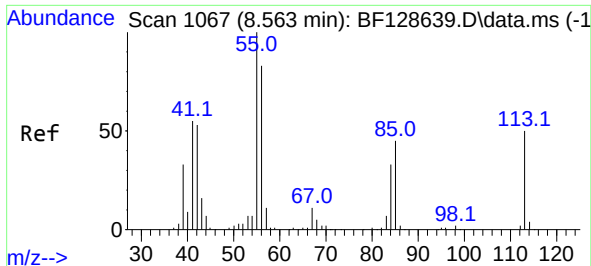
Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

227 63.4 51.1 76.7





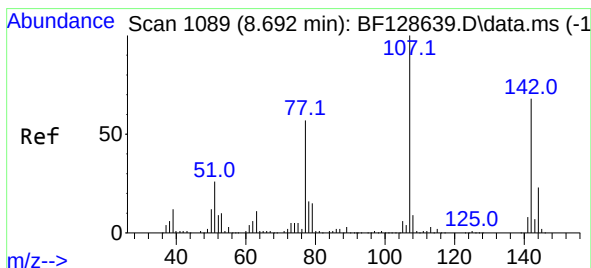
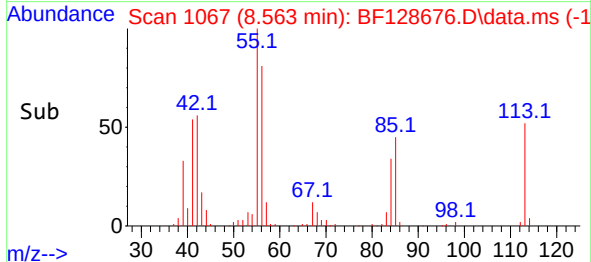
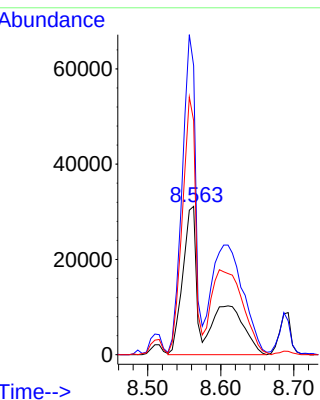
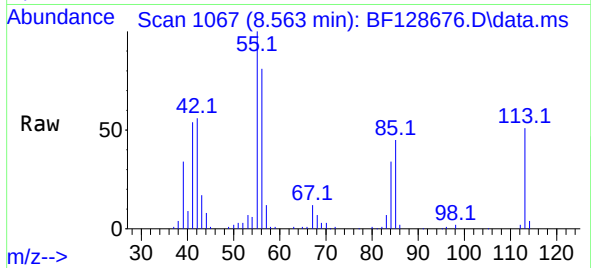
#35
Caprolactam
Concen: 50.096 ng m
RT: 8.563 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

Tgt Ion:113 Resp: 7064
Ion Ratio Lower Upper
113 100
55 194.9 188.5 228.5
56 157.8 130.6 170.6

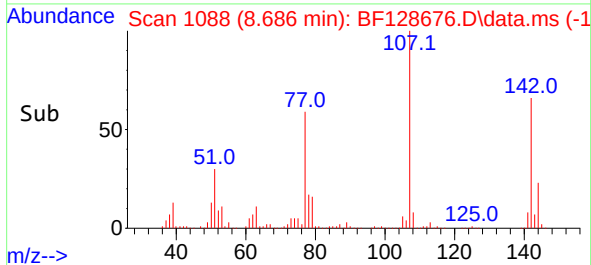
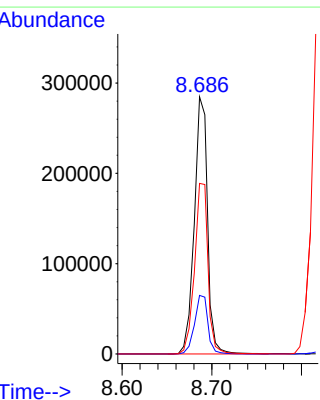
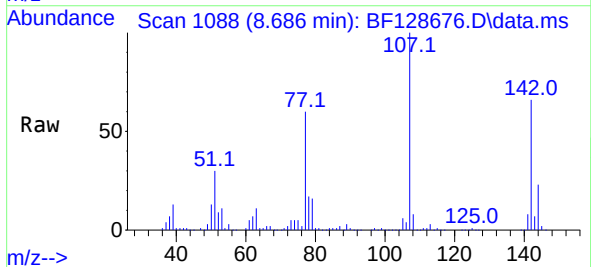
Manual Integrations
APPROVED

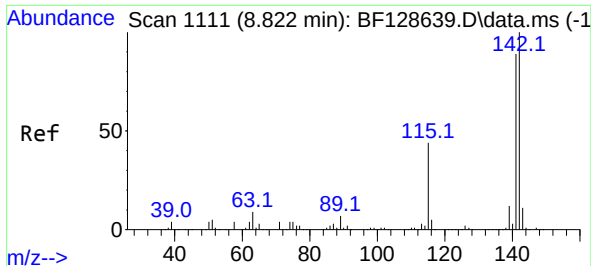
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#36
4-Chloro-3-methylphenol
Concen: 52.361 ng
RT: 8.686 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:107 Resp: 291426
Ion Ratio Lower Upper
107 100
144 22.8 19.5 29.3
142 66.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 50.948 ng

RT: 8.822 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

Tgt Ion:142 Resp: 553719

Ion Ratio Lower Upper

142 100

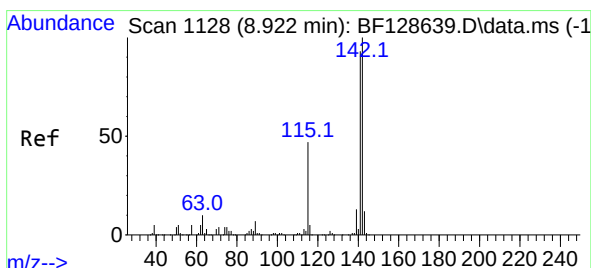
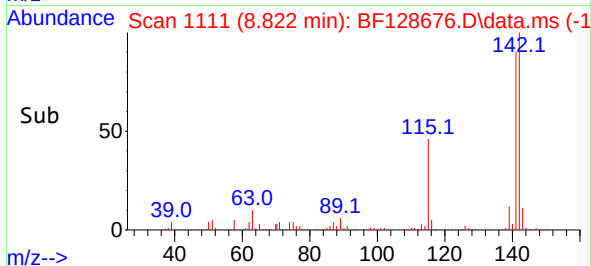
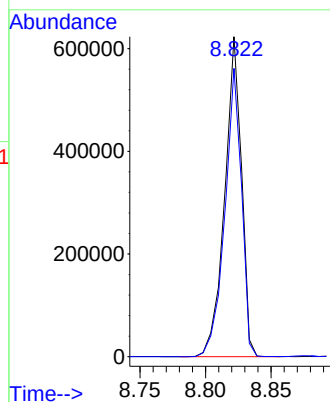
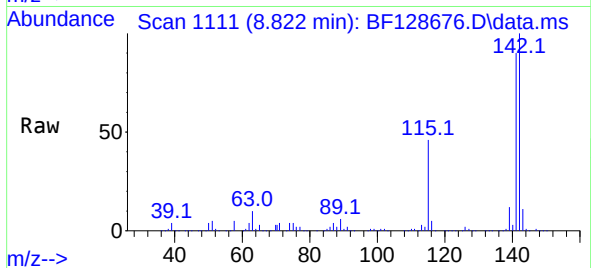
141 90.1 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#38

1-Methylnaphthalene

Concen: 50.699 ng

RT: 8.922 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF128676.D

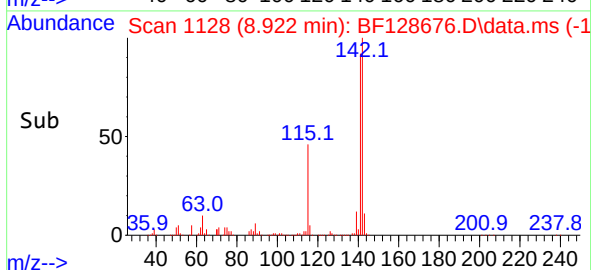
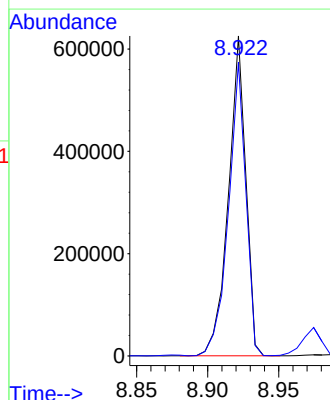
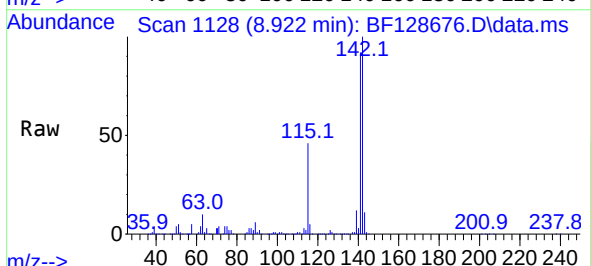
Acq: 03 Jun 2022 13:16

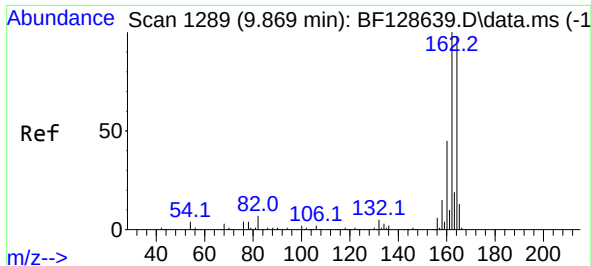
Tgt Ion:142 Resp: 532368

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4





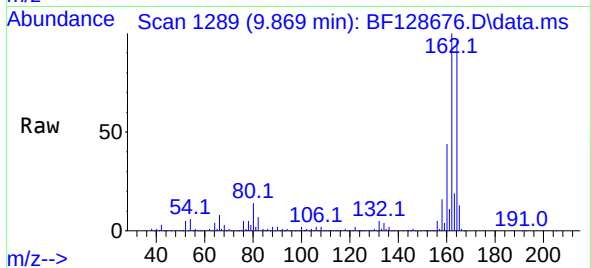
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

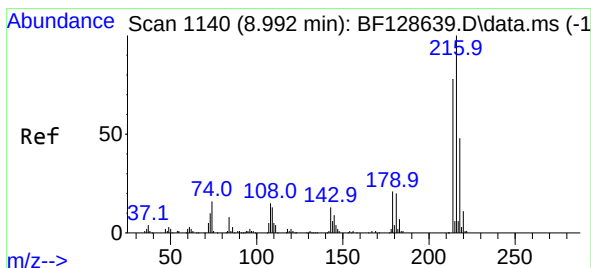
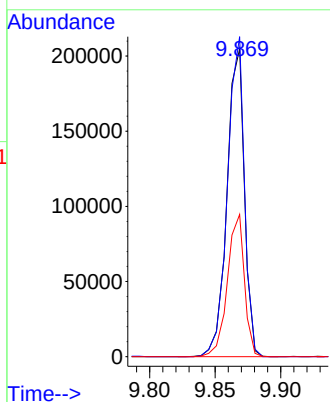
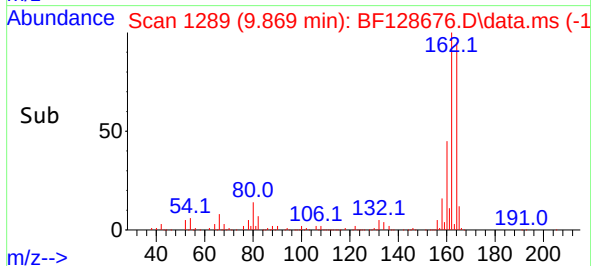


Tgt Ion:164 Resp: 18952
Ion Ratio Lower Upper
164 100
162 104.0 79.5 119.3
160 46.2 34.2 51.4

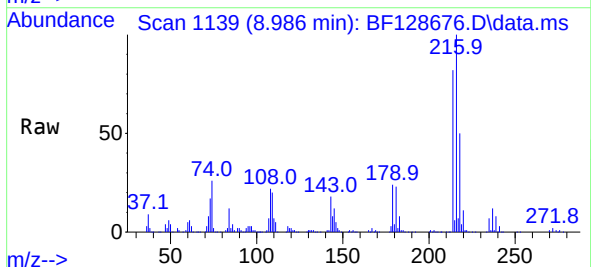
Manual Integrations

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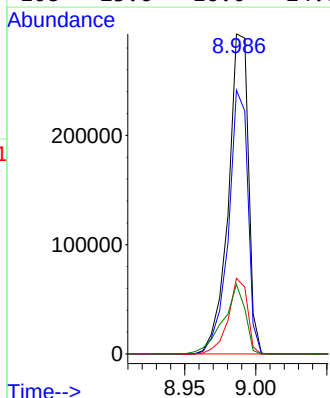
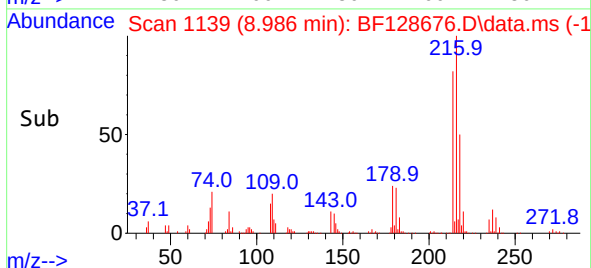
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

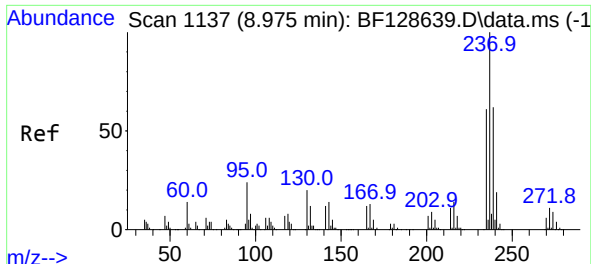


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.092 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:216 Resp: 288960
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 22.5 17.0 25.6
108 23.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 115.151 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

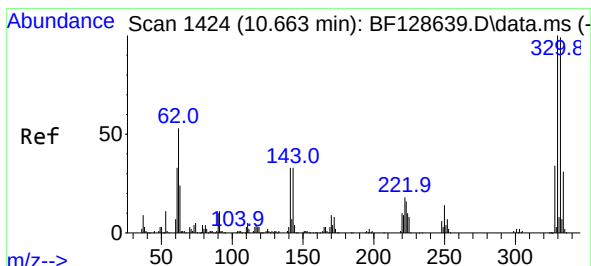
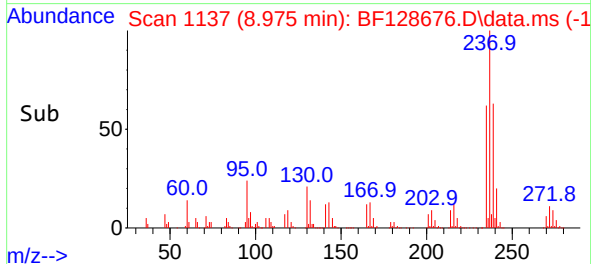
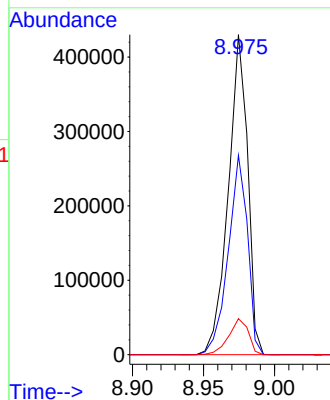
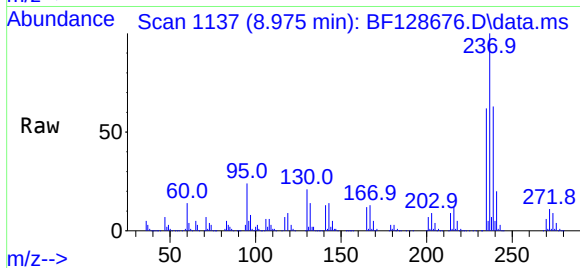
UST-BOTMS

Tgt Ion:237 Resp: 407419
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 11.3 0.0 31.9

Manual Integrations

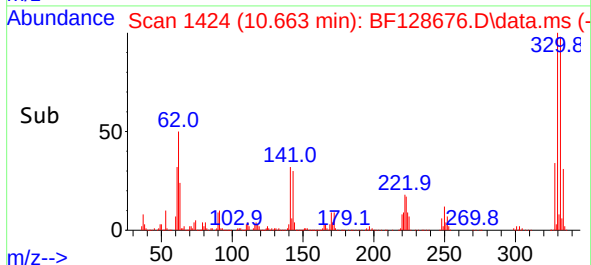
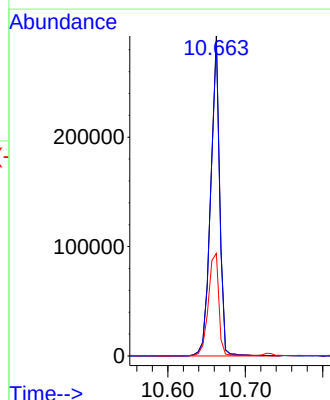
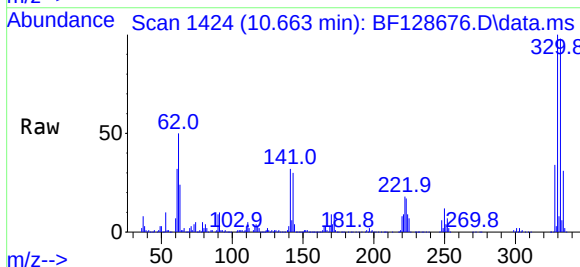
APPROVED

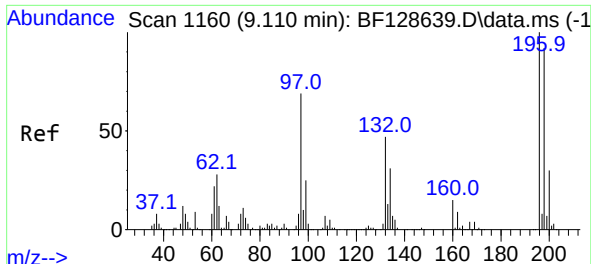
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#42
2,4,6-Tribromophenol
Concen: 105.726 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:330 Resp: 236755
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 37.7 28.0 42.0





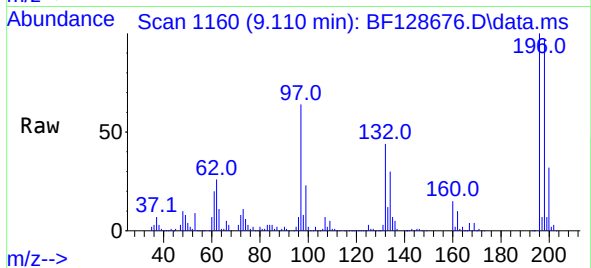
#43
2,4,6-Trichlorophenol
Concen: 49.029 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

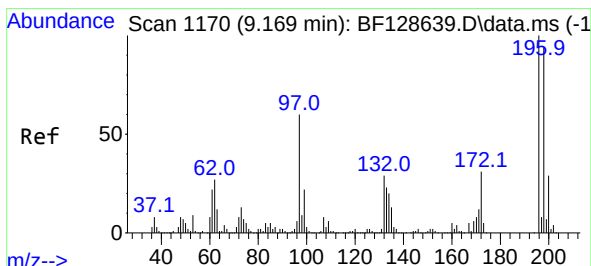
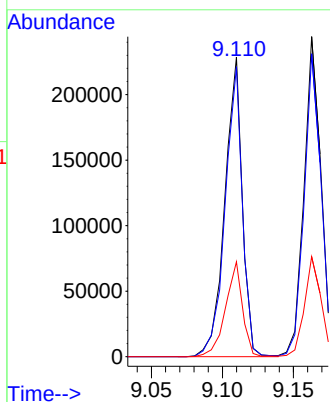
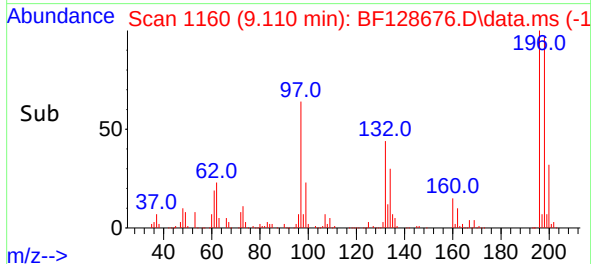


Tgt Ion:196 Resp: 19515
Ion Ratio Lower Upper
196 100
198 96.8 74.0 111.0
200 31.7 24.1 36.1

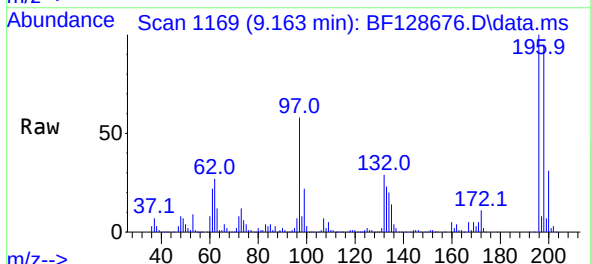
Manual Integrations

APPROVED

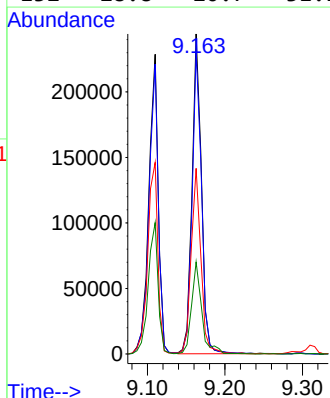
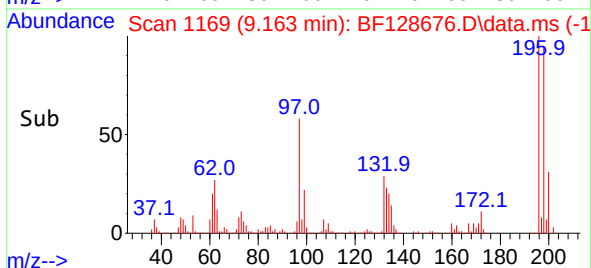
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

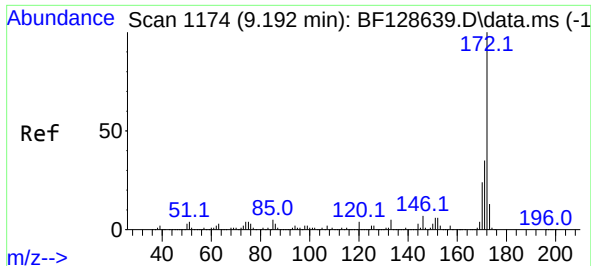


#44
2,4,5-Trichlorophenol
Concen: 50.240 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



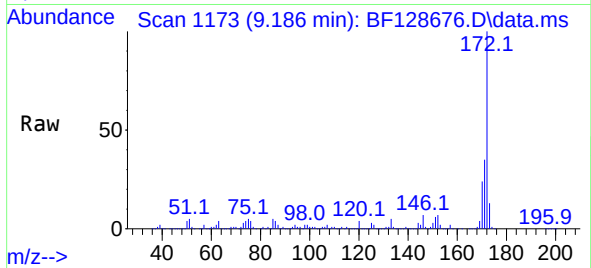
Tgt Ion:196 Resp: 206663
Ion Ratio Lower Upper
196 100
198 94.6 75.7 113.5
97 58.0 36.4 54.6#
132 28.8 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 70.235 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

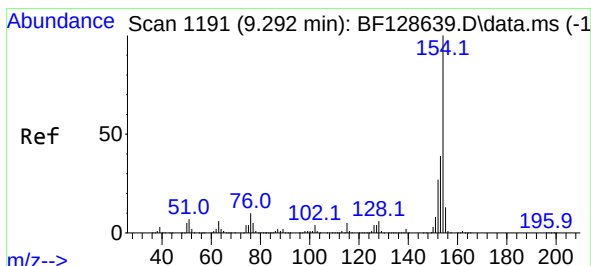
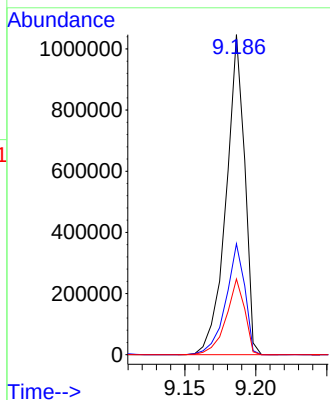
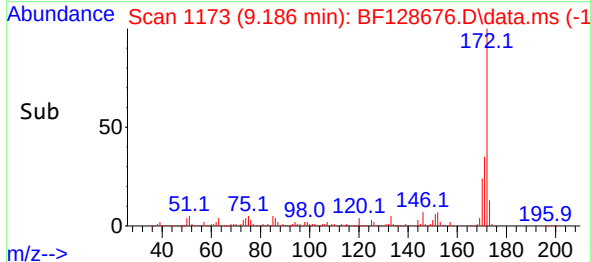
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



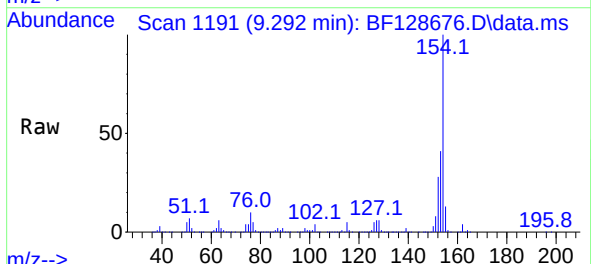
Tgt Ion:172 Resp: 950262
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.7 19.8 29.8

Manual Integrations
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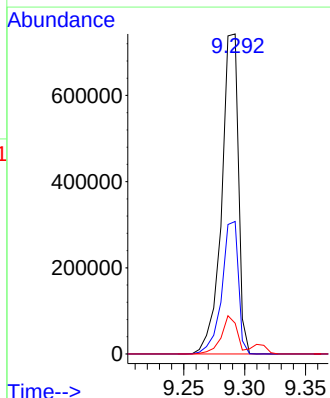
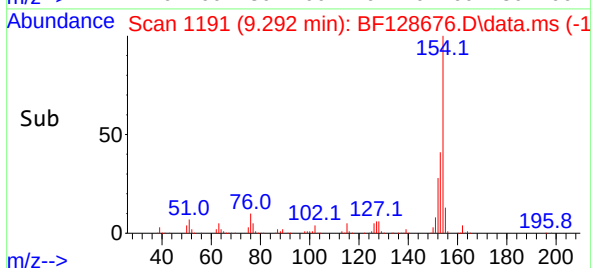
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

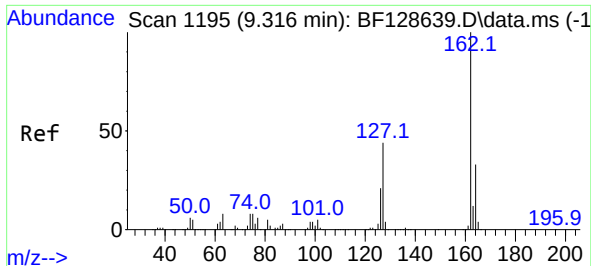


#46
1,1'-Biphenyl
Concen: 50.149 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:154 Resp: 713133
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 9.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 49.615 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

Tgt Ion:162 Resp: 538369

Ion Ratio Lower Upper

162 100

127 43.1 34.5 51.7

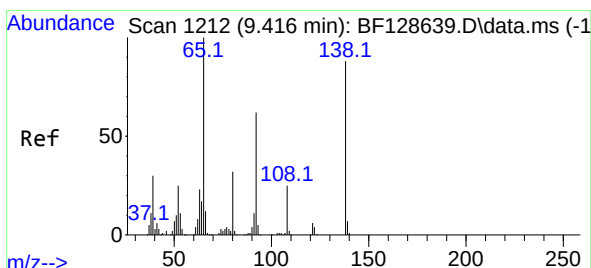
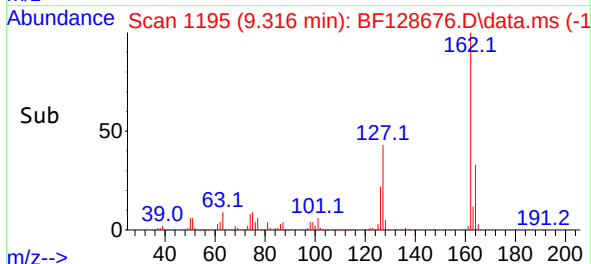
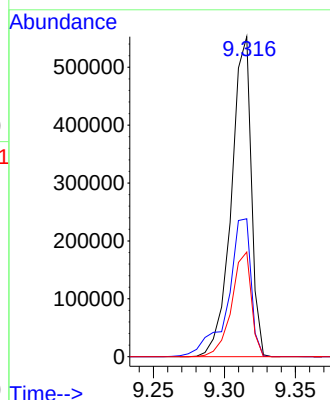
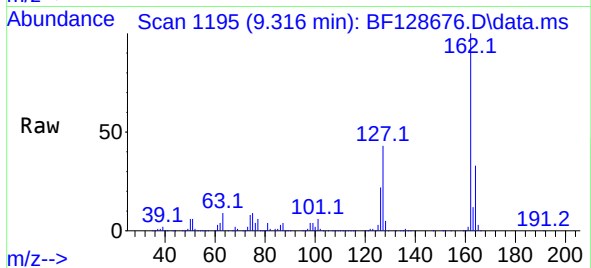
164 32.7 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#48

2-Nitroaniline

Concen: 54.202 ng

RT: 9.416 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

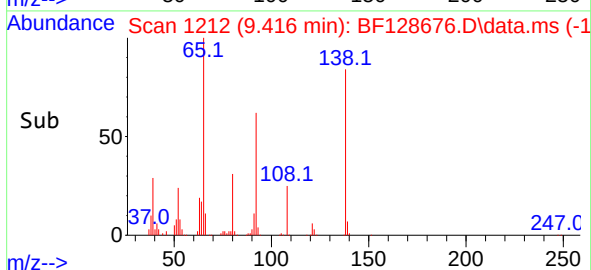
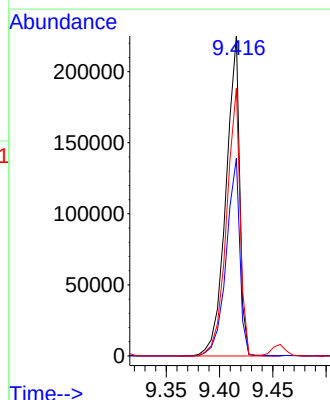
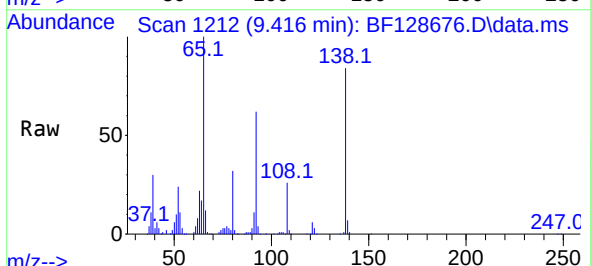
Tgt Ion: 65 Resp: 201122

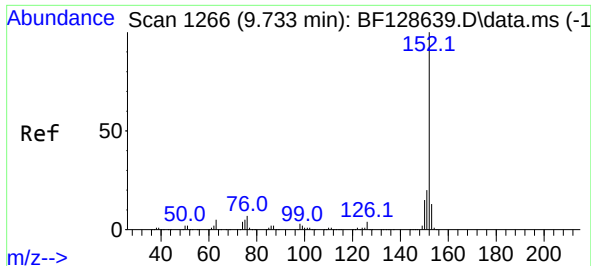
Ion Ratio Lower Upper

65 100

92 61.8 51.9 77.9

138 83.7 76.4 114.6





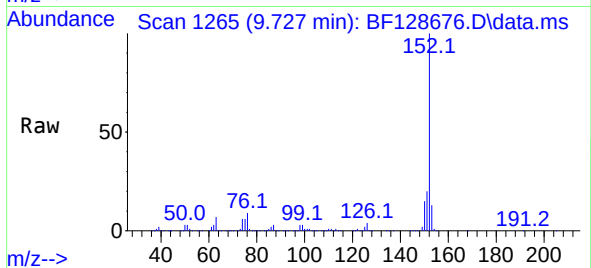
#49
Acenaphthylene
Concen: 53.019 ng
RT: 9.727 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

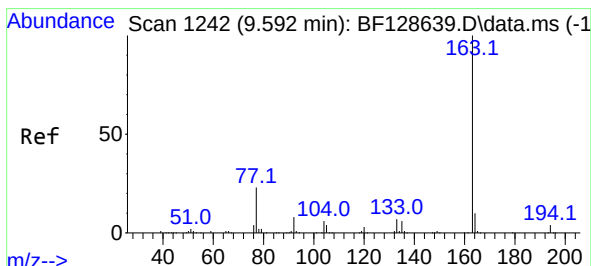
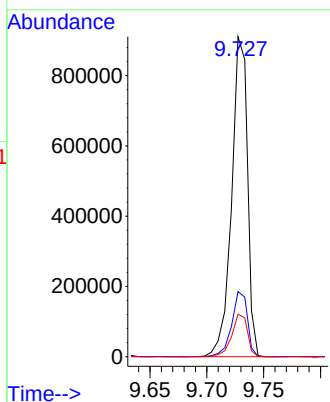
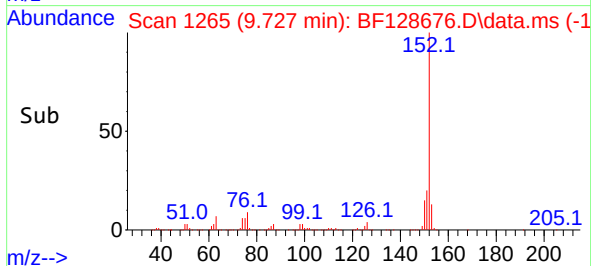


Tgt Ion:152 Resp: 880744
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.7 16.1

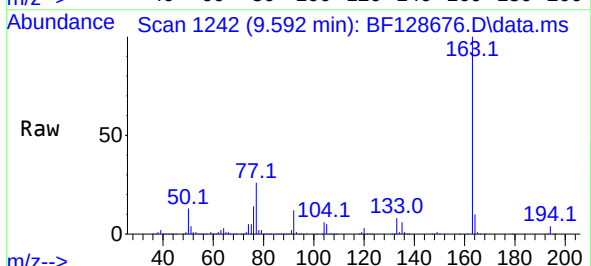
Manual Integrations

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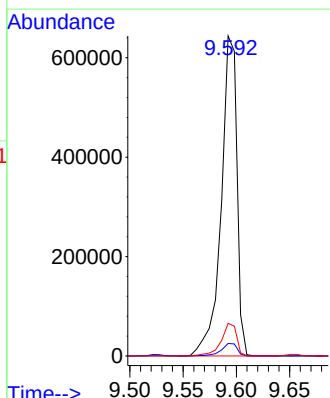
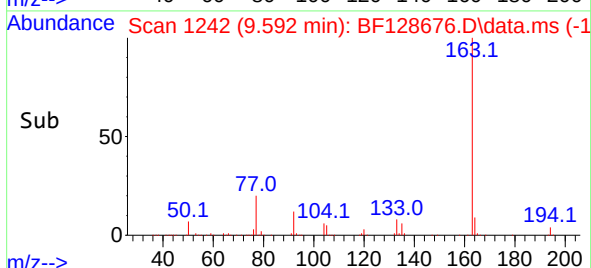
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

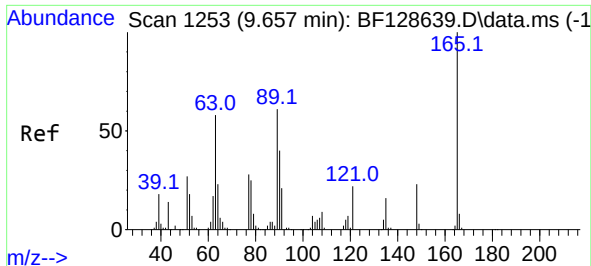


#50
Dimethylphthalate
Concen: 50.965 ng
RT: 9.592 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:163 Resp: 661141
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2





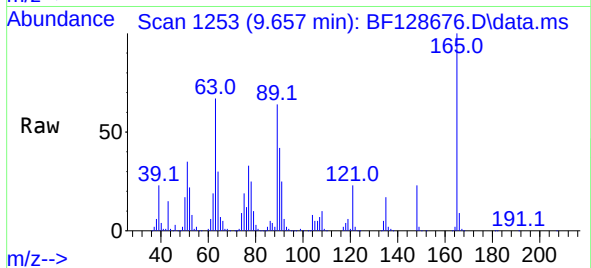
#51
2,6-Dinitrotoluene
Concen: 55.322 ng
RT: 9.657 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

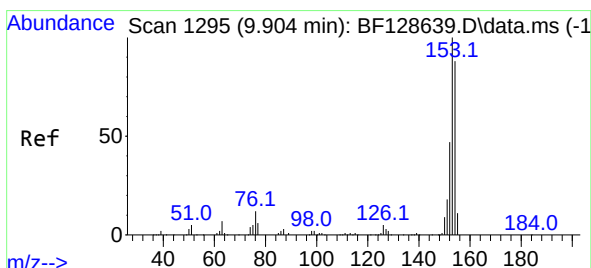
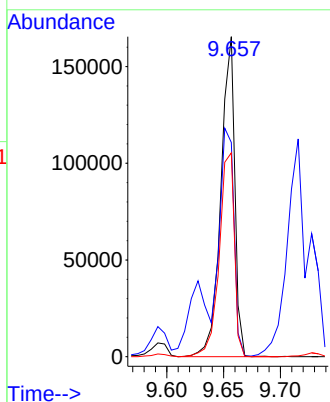
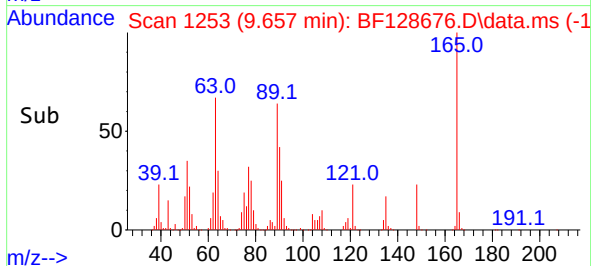


Tgt Ion:165 Resp: 141648
Ion Ratio Lower Upper
165 100
63 67.0 44.9 67.3
89 63.7 43.6 65.4

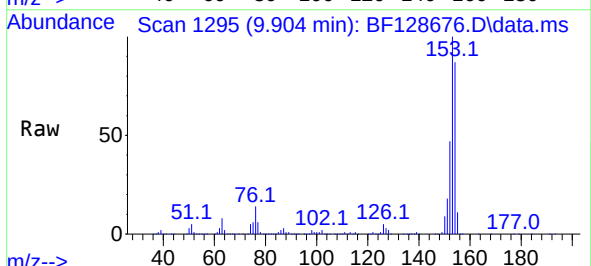
Manual Integrations

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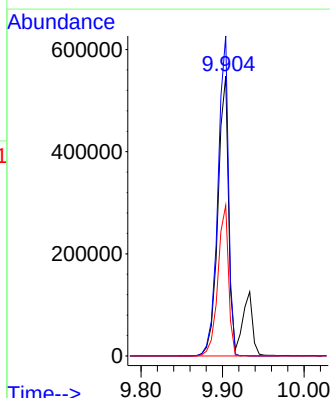
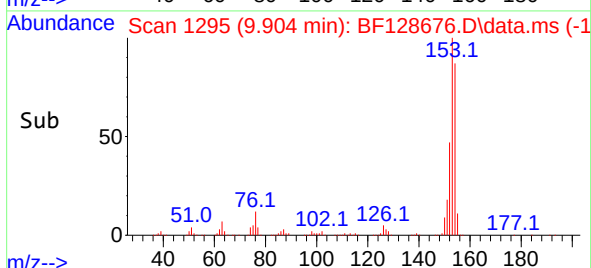
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

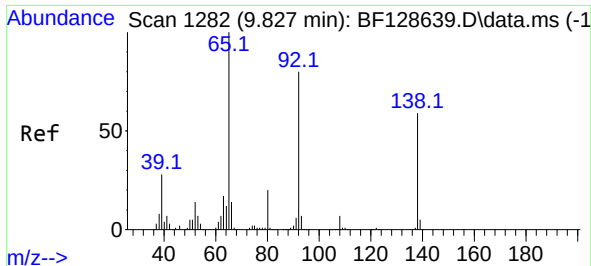


#52
Acenaphthene
Concen: 55.803 ng m
RT: 9.904 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:154 Resp: 603676
Ion Ratio Lower Upper
154 100
153 114.4 89.6 134.4
152 53.9 42.4 63.6





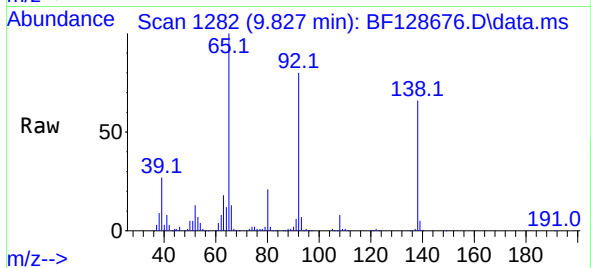
#53
3-Nitroaniline
Concen: 35.719 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

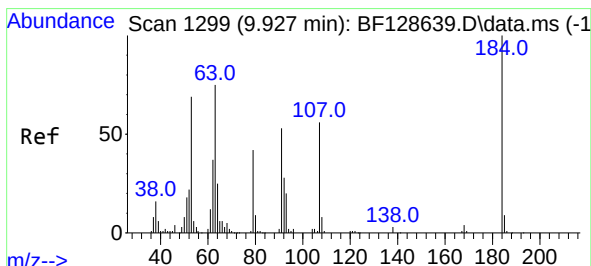
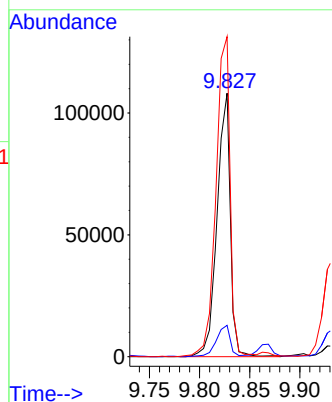
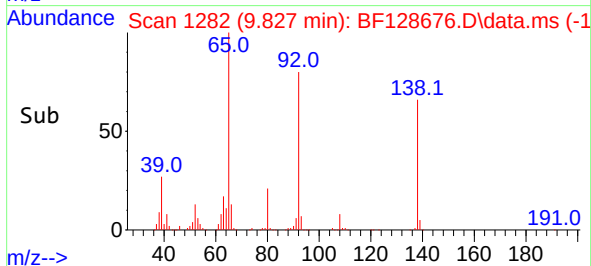


Tgt Ion:138 Resp: 99258
Ion Ratio Lower Upper
138 100
108 11.9 10.9 16.3
92 121.4 98.2 147.2

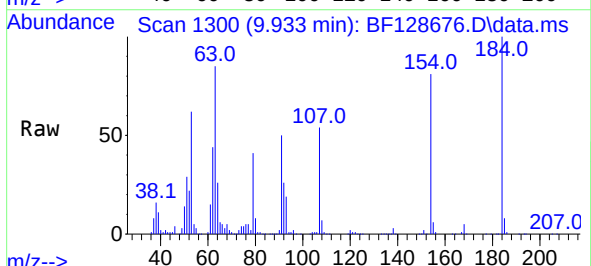
Manual Integrations

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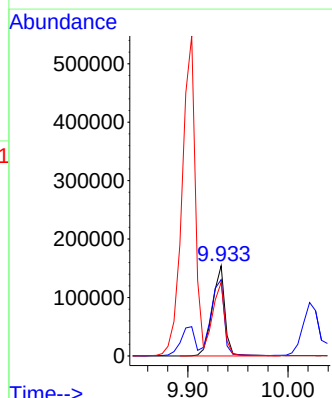
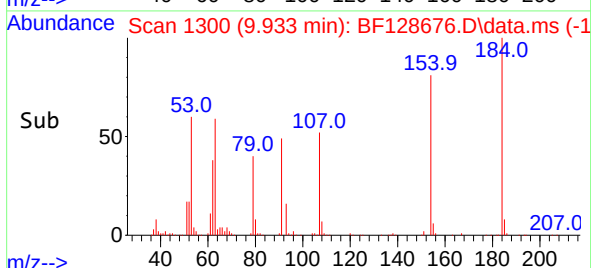
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

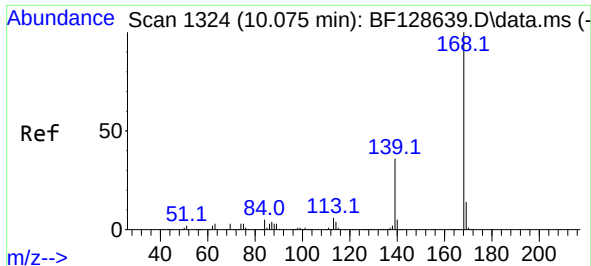


#54
2,4-Dinitrophenol
Concen: 94.346 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



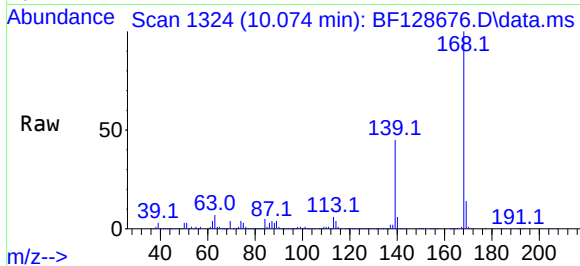
Tgt Ion:184 Resp: 134549
Ion Ratio Lower Upper
184 100
63 84.6 64.5 96.7
154 81.4 50.6 75.8#





#55
Dibenzenofuran
Concen: 48.968 ng
RT: 10.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

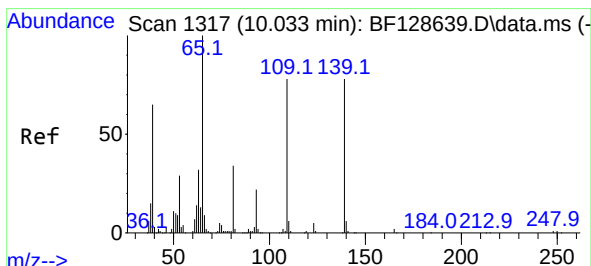
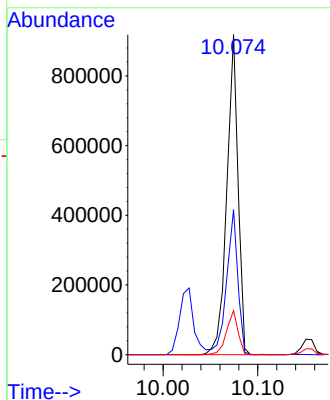
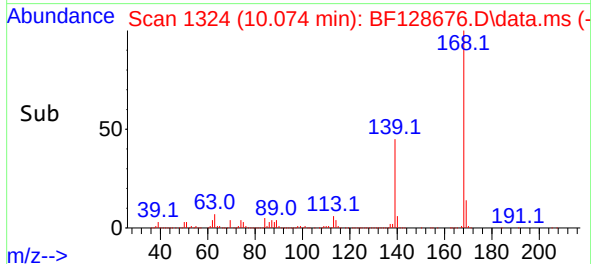
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



Tgt Ion:168 Resp: 761320
Ion Ratio Lower Upper
168 100
139 45.3 30.6 46.0
169 13.7 11.0 16.6

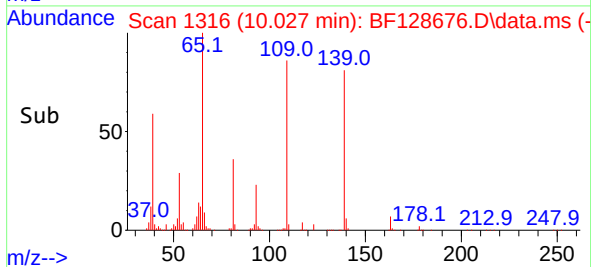
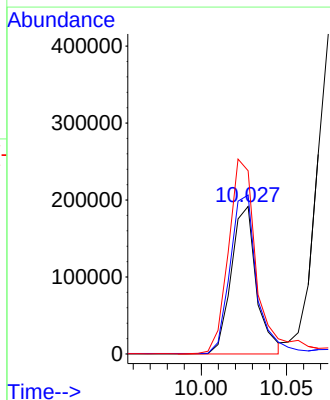
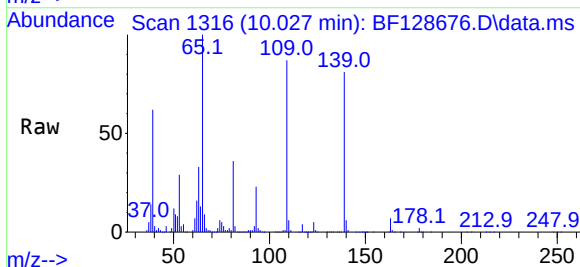
Manual Integrations
APPROVED

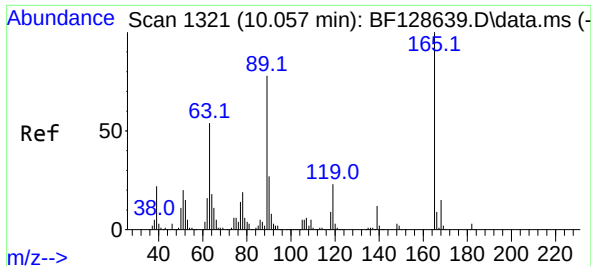
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#56
4-Nitrophenol
Concen: 98.515 ng
RT: 10.027 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:139 Resp: 198440
Ion Ratio Lower Upper
139 100
109 107.7 50.7 90.7#
65 124.2 74.5 114.5#





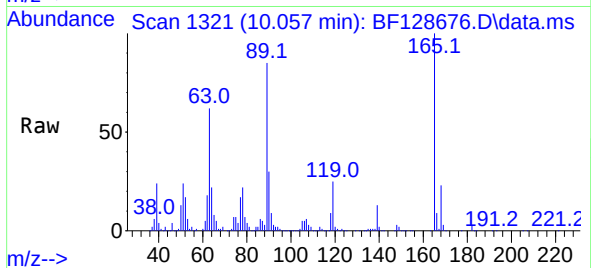
#57
2,4-Dinitrotoluene
Concen: 55.979 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

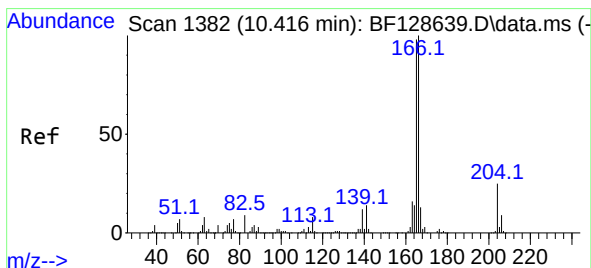
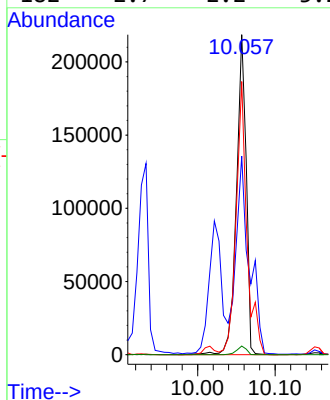
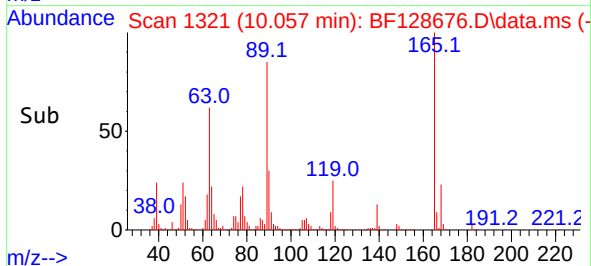


Tgt Ion:165 Resp: 191280
Ion Ratio Lower Upper
165 100
63 62.0 39.8 59.6
89 85.3 60.2 90.2
182 2.7 2.2 3.2

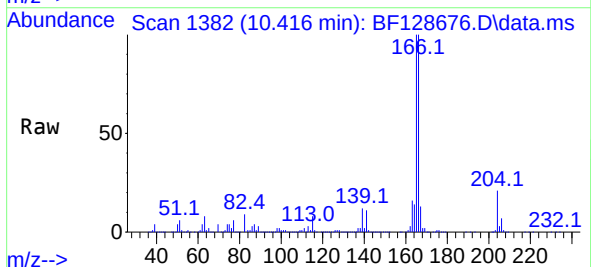
Manual Integrations

APPROVED

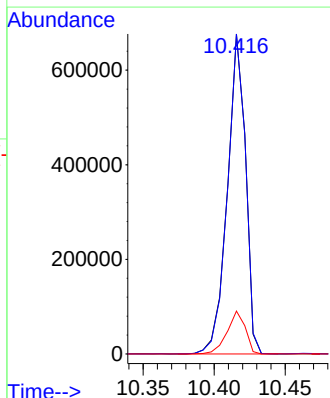
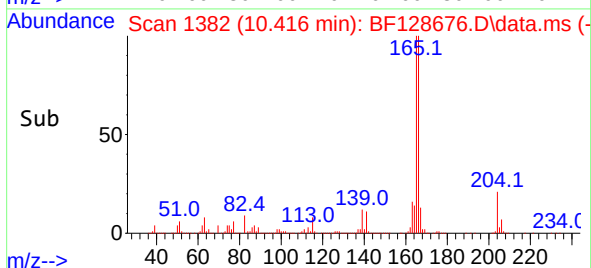
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

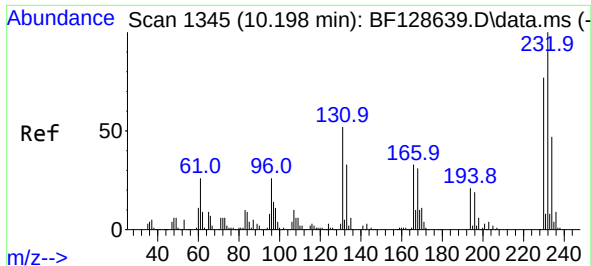


#58
Fluorene
Concen: 49.889 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



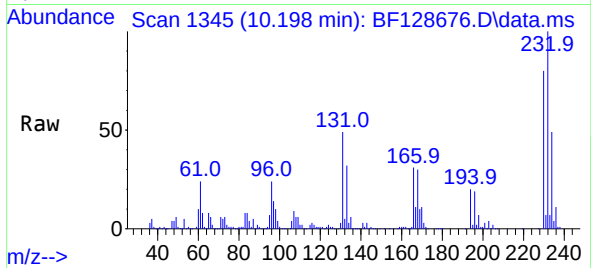
Tgt Ion:166 Resp: 601517
Ion Ratio Lower Upper
166 100
165 100.0 78.1 117.1
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.196 ng
RT: 10.198 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

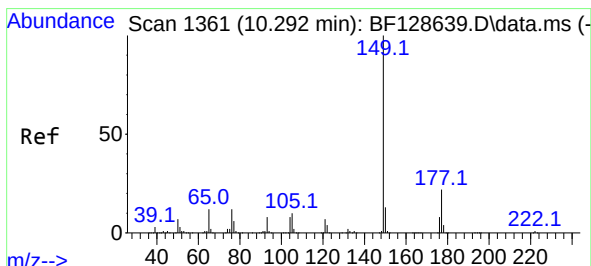
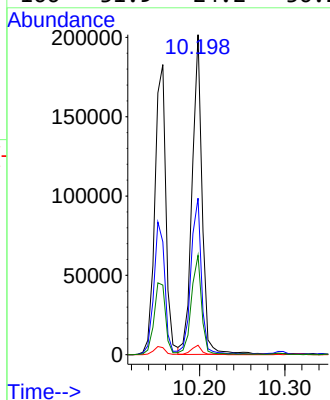
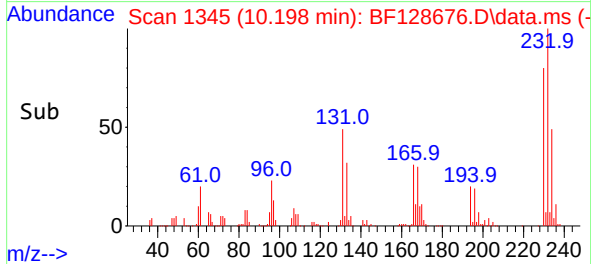
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



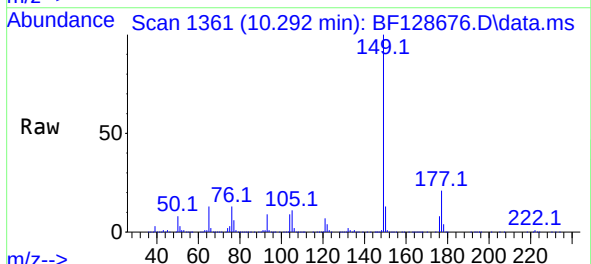
Tgt Ion:232 Resp: 163752
Ion Ratio Lower Upper
232 100
131 51.6 36.1 54.1
130 3.1 1.8 2.8
166 31.9 24.2 36.2

Manual Integrations
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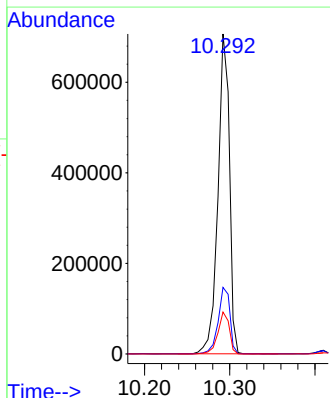
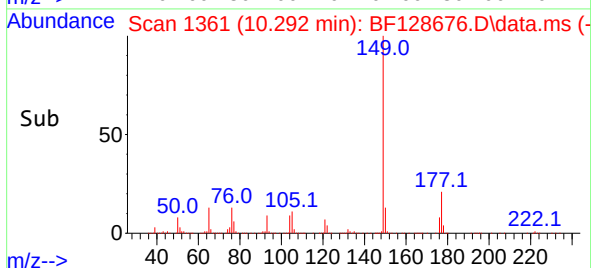
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

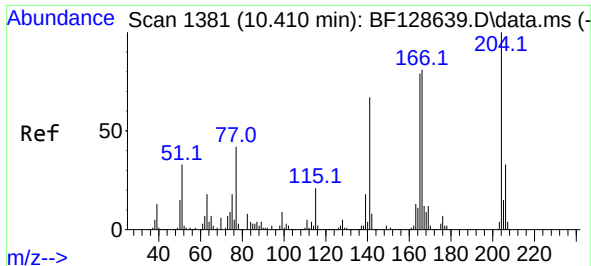


#60
Diethylphthalate
Concen: 50.601 ng
RT: 10.292 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



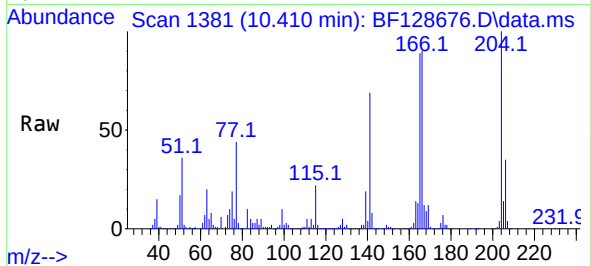
Tgt Ion:149 Resp: 659746
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.598 ng
RT: 10.410 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

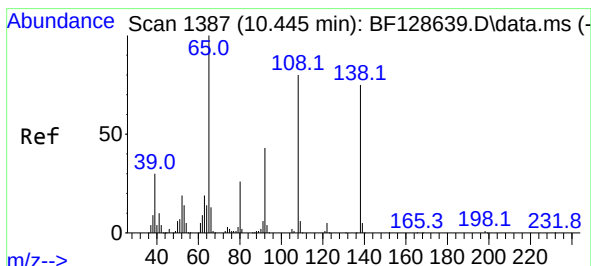
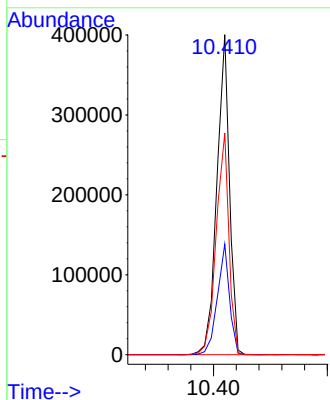
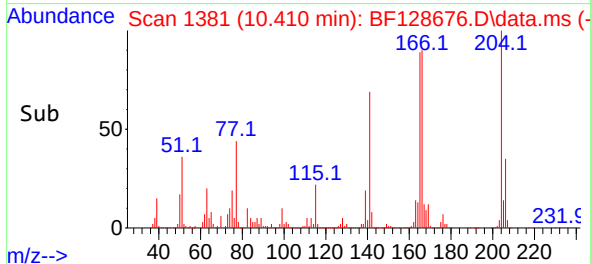
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



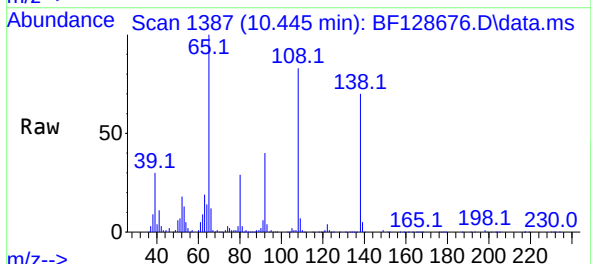
Tgt Ion:204 Resp: 310172
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 69.3 47.0 70.4

Manual Integrations
APPROVED

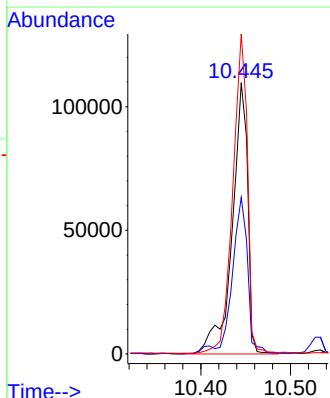
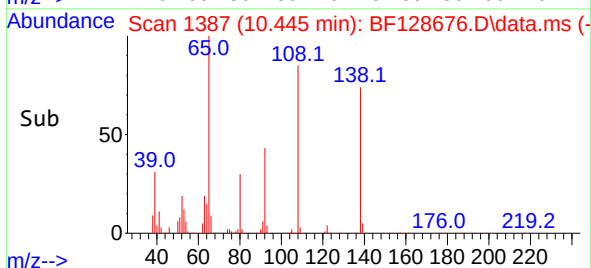
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

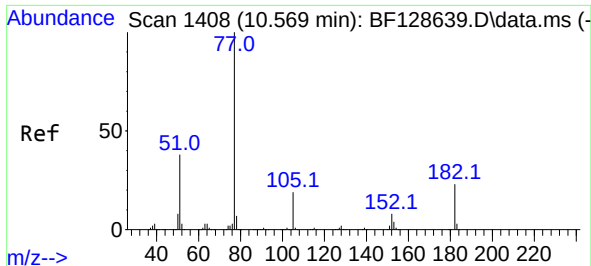


#62
4-Nitroaniline
Concen: 46.933 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:138 Resp: 132051
Ion Ratio Lower Upper
138 100
92 57.7 33.5 73.5
108 118.0 61.0 101.0#





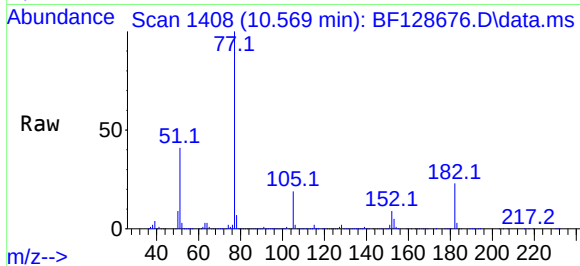
#63
Azobenzene
Concen: 49.393 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

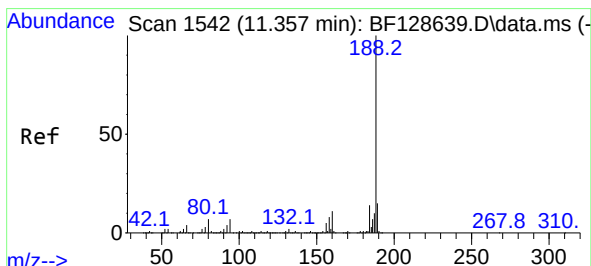
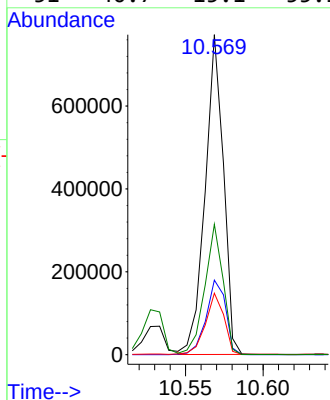
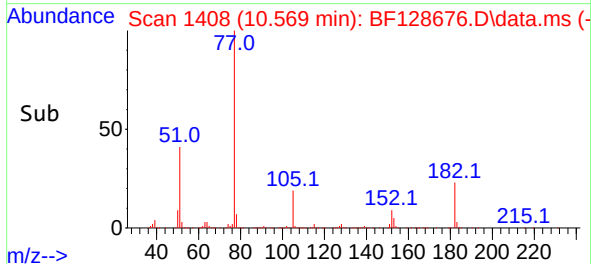


Tgt Ion: 77 Resp: 633990
Ion Ratio Lower Upper
77 100
182 23.3 5.6 45.6
105 19.2 1.6 41.6
51 40.7 15.1 55.1

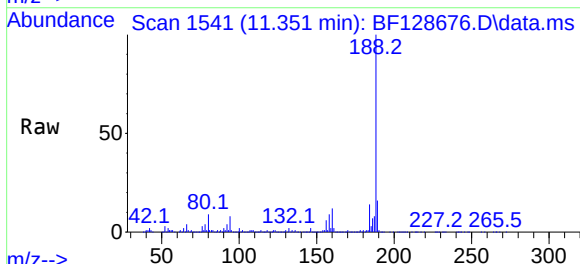
Manual Integrations

APPROVED

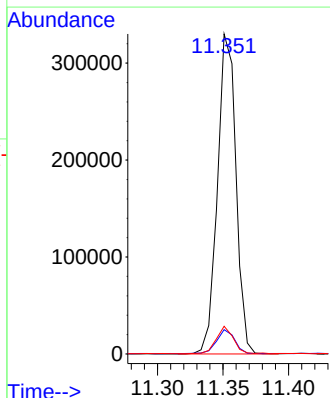
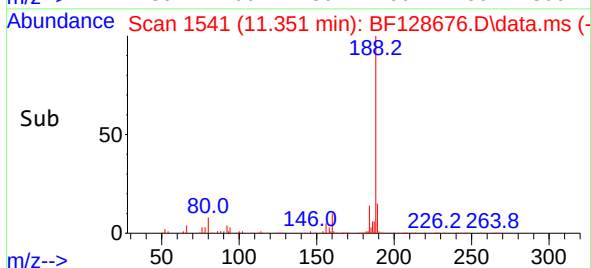
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

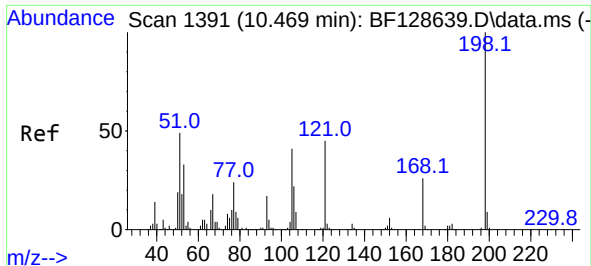


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:188 Resp: 323377
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.981 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

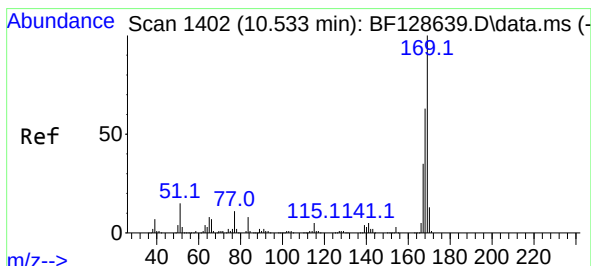
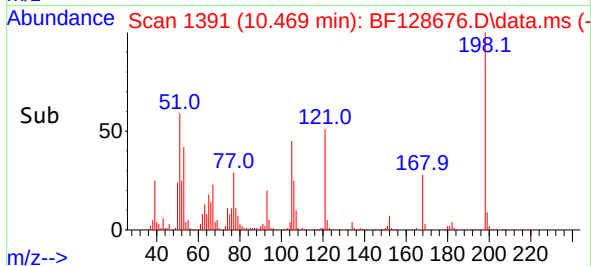
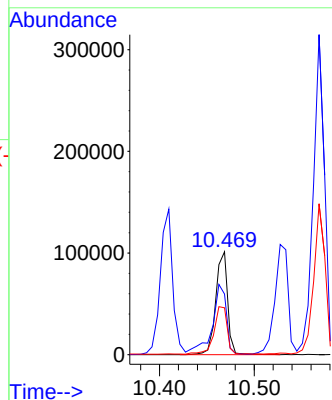
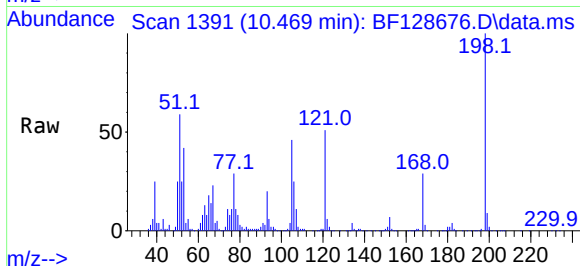
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Tgt Ion:198 Resp: 87750
Ion Ratio Lower Upper
198 100
51 59.0 37.6 77.6
105 45.6 27.0 67.0

Manual Integrations

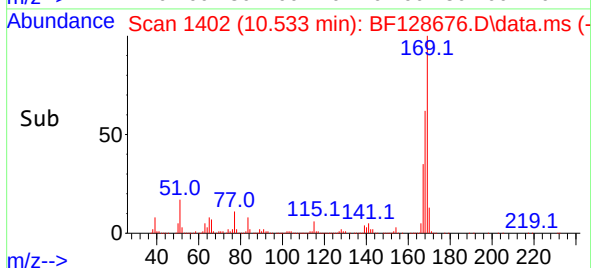
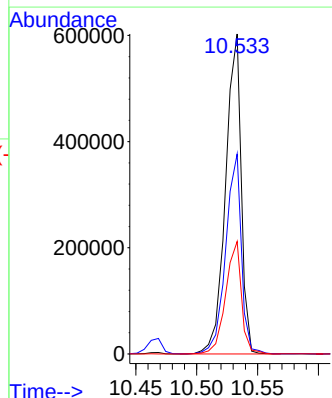
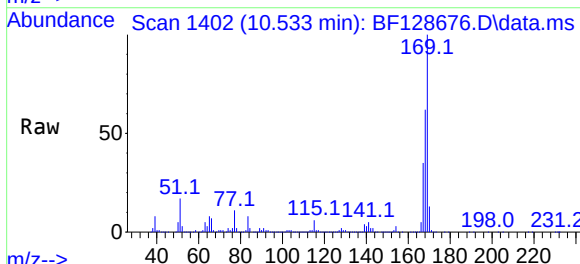
APPROVED

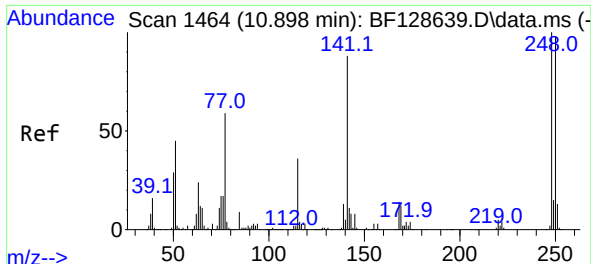
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#66
n-Nitrosodiphenylamine
Concen: 54.347 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:169 Resp: 540180
Ion Ratio Lower Upper
169 100
168 62.5 50.1 75.1
167 35.2 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 53.777 ng
RT: 10.898 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

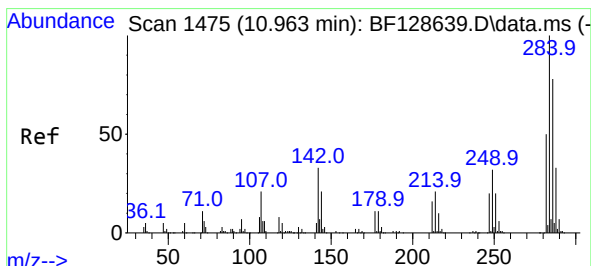
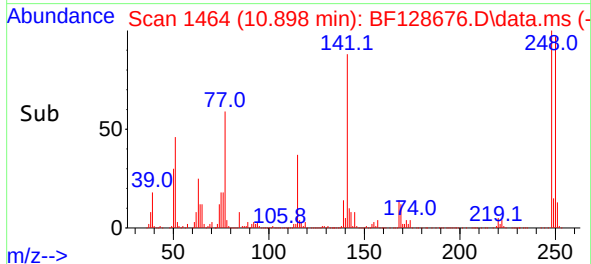
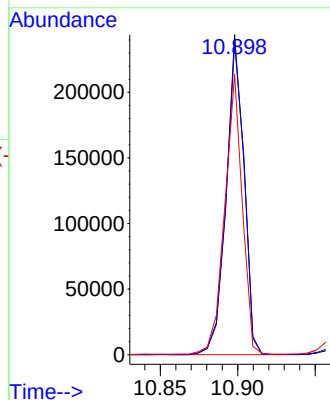
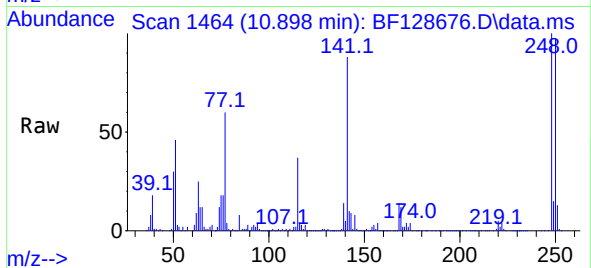
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Tgt Ion:248 Resp: 193932
Ion Ratio Lower Upper
248 100
250 97.4 80.6 120.8
141 87.8 58.9 88.3

Manual Integrations

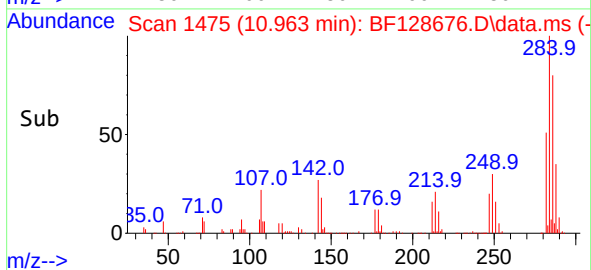
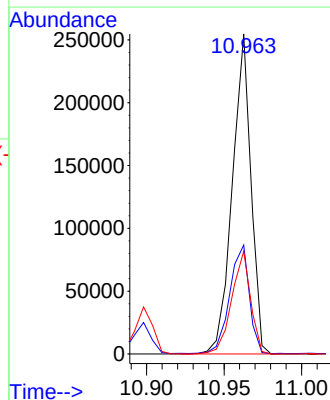
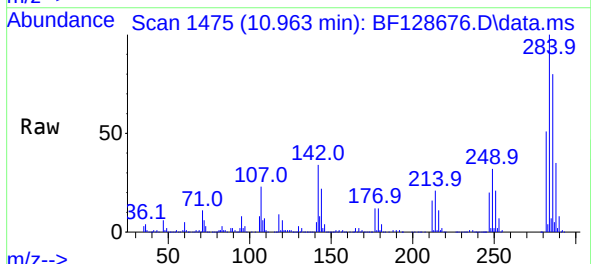
APPROVED

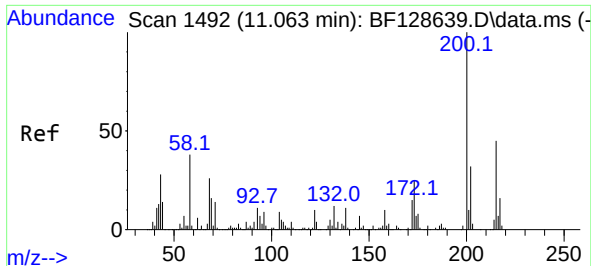
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#68
Hexachlorobenzene
Concen: 53.156 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

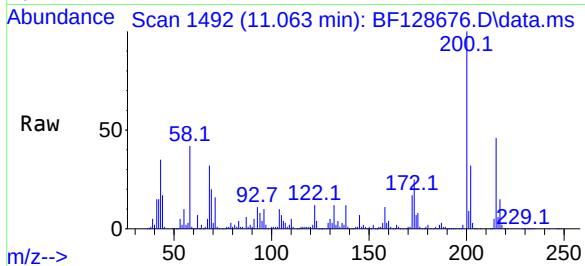
Tgt Ion:284 Resp: 212890
Ion Ratio Lower Upper
284 100
142 34.0 29.0 43.4
249 32.1 25.0 37.6





#69
Atrazine
Concen: 55.859 ng
RT: 11.063 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

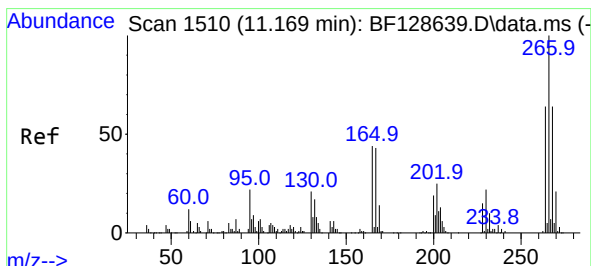
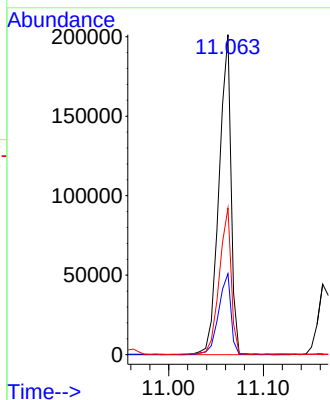
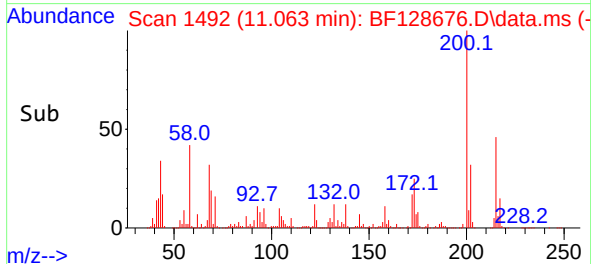
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



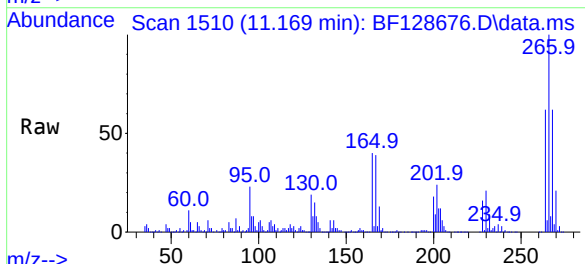
Tgt Ion:200 Resp: 17854
Ion Ratio Lower Upper
200 100
173 25.3 6.3 46.3
215 45.8 28.3 68.3

Manual Integrations
APPROVED

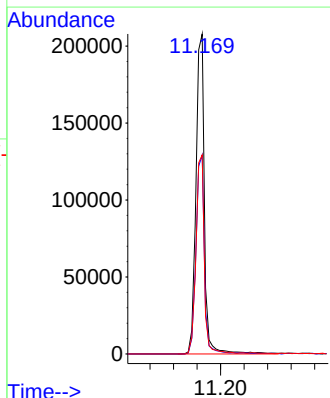
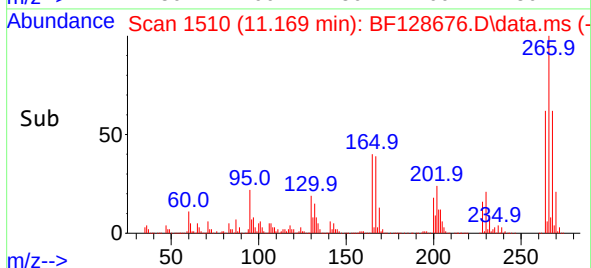
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

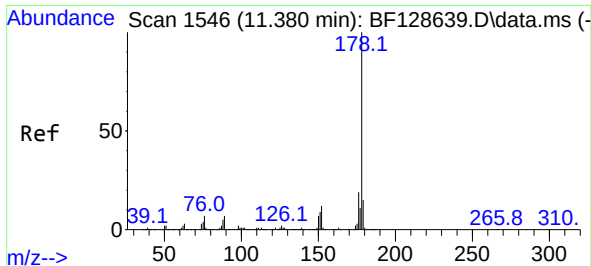


#70
Pentachlorophenol
Concen: 103.354 ng
RT: 11.169 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



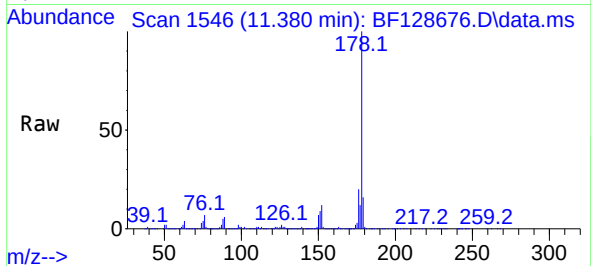
Tgt Ion:266 Resp: 206625
Ion Ratio Lower Upper
266 100
268 62.1 51.0 76.4
264 62.2 49.4 74.2





#71
Phenanthrene
Concen: 50.717 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

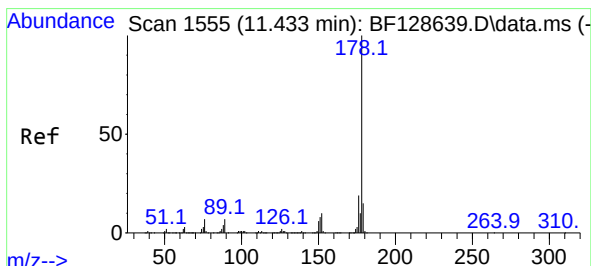
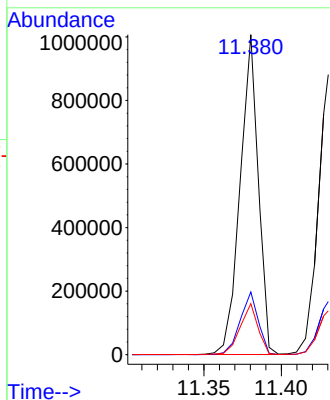
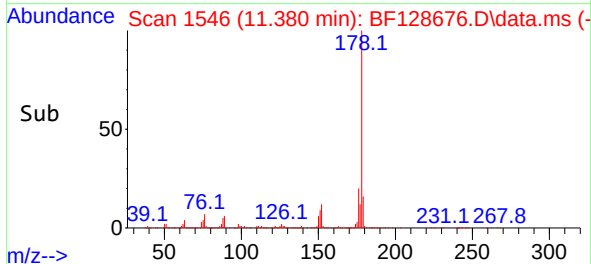
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



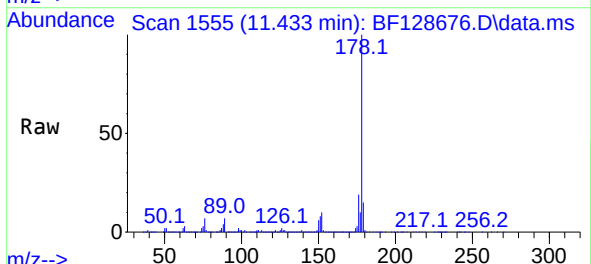
Tgt Ion:178 Resp: 822622
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.9 12.6 19.0

Manual Integrations
APPROVED

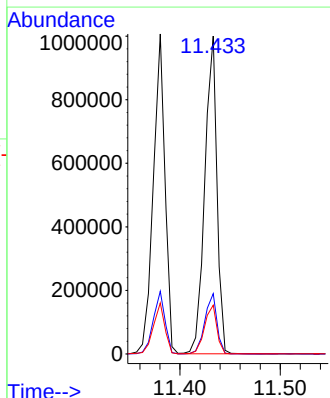
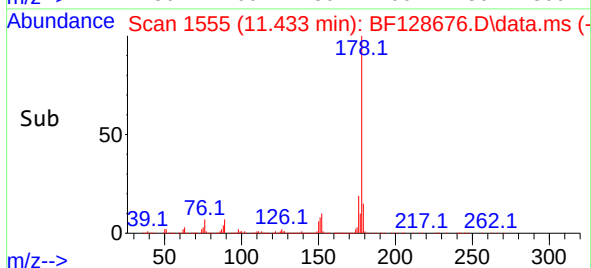
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

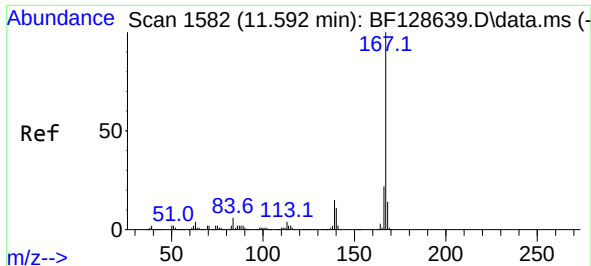


#72
Anthracene
Concen: 52.542 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



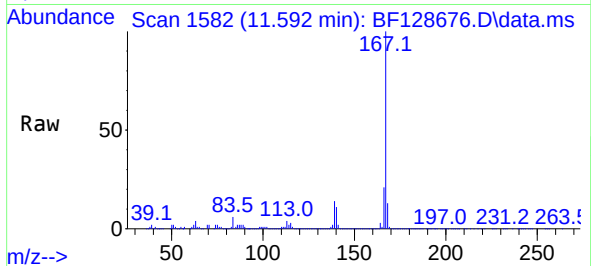
Tgt Ion:178 Resp: 843521
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.6 19.0





#73
 Carbazole
 Concen: 46.592 ng
 RT: 11.592 min Scan# 1582
 Delta R.T. -0.000 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

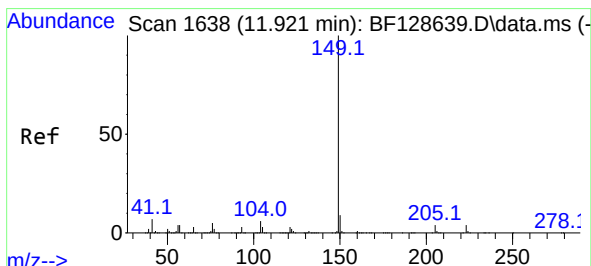
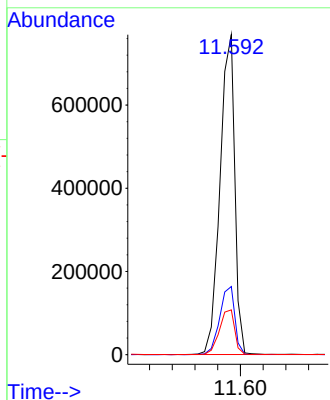
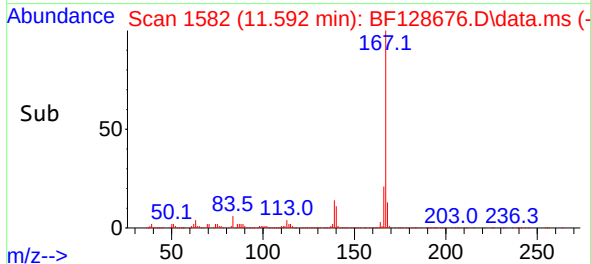
Instrument :
 BNA_F
 ClientSampleId :
 UST-BOTMS



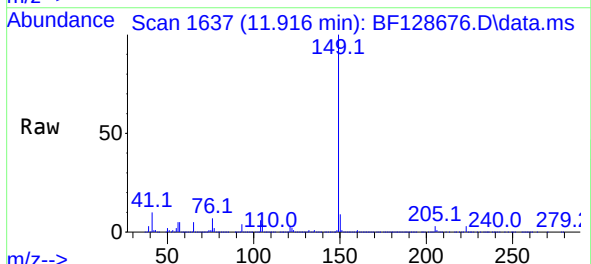
Tgt Ion:167 Resp: 694735
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 14.0 11.2 16.8

Manual Integrations
 APPROVED

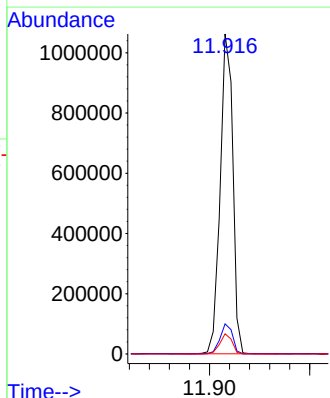
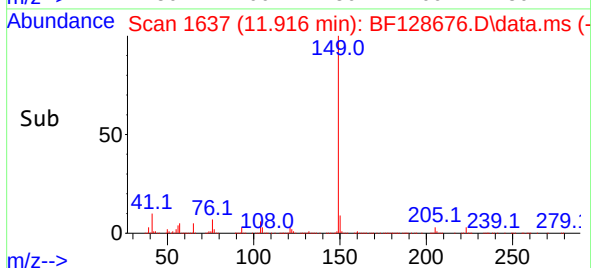
Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

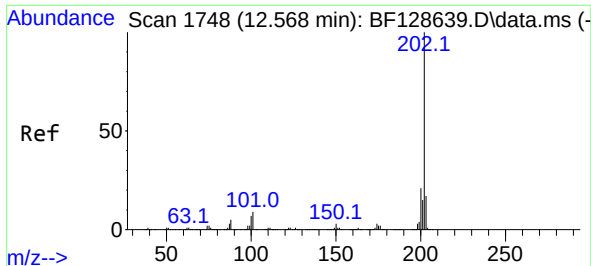


#74
 Di-n-butylphthalate
 Concen: 50.808 ng
 RT: 11.916 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16



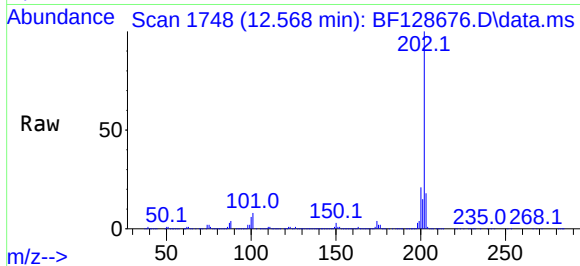
Tgt Ion:149 Resp: 922429
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.3 4.4 6.6





#75
Fluoranthene
Concen: 46.843 ng
RT: 12.568 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

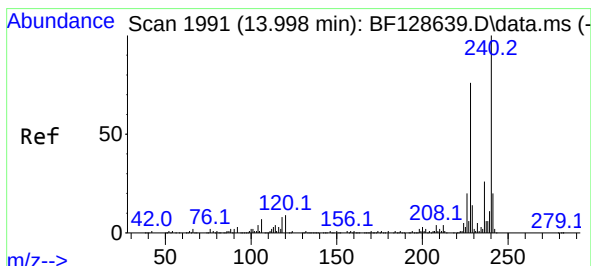
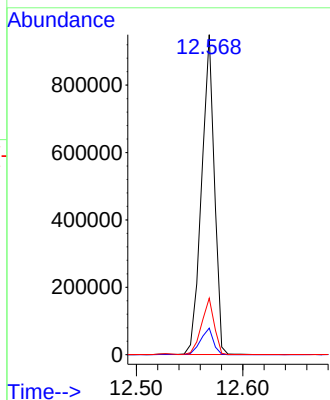
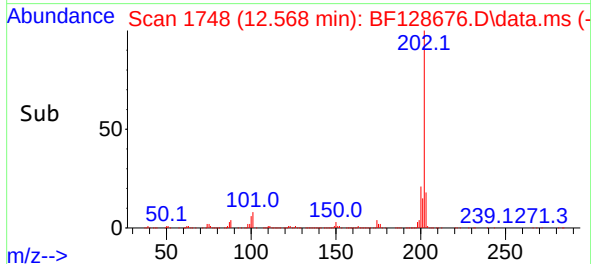
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



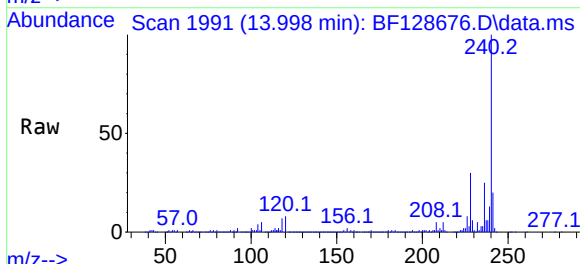
Tgt Ion:202 Resp: 794209
Ion Ratio Lower Upper
202 100
101 8.3 0.0 31.4
203 17.6 0.0 38.0

Manual Integrations
APPROVED

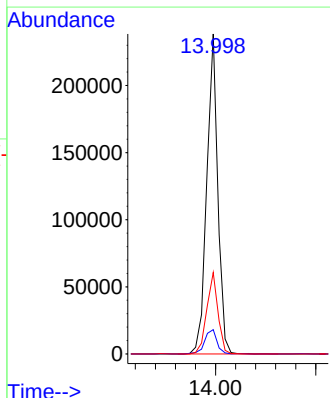
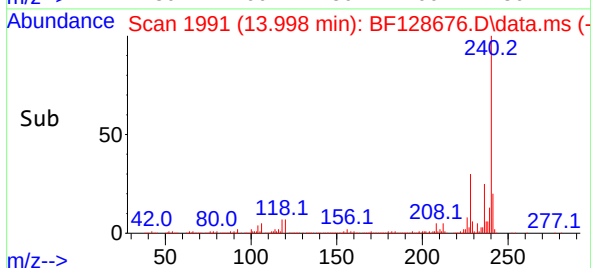
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

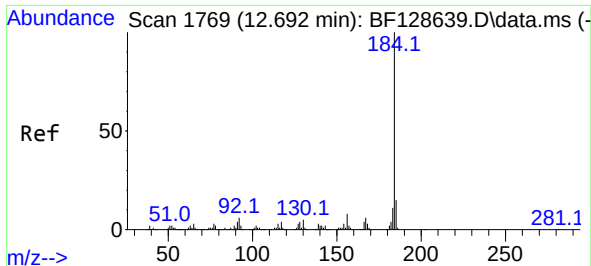


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:240 Resp: 183013
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.4 20.8 31.2





#77
Benzidine
Concen: 83.296 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

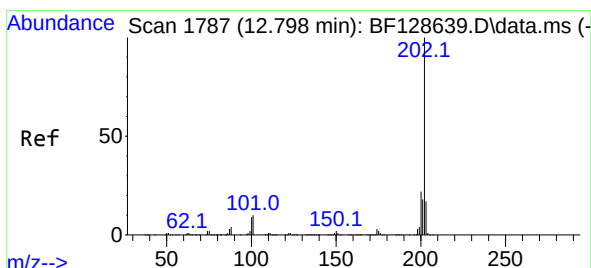
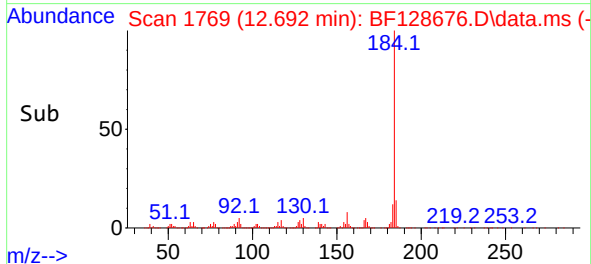
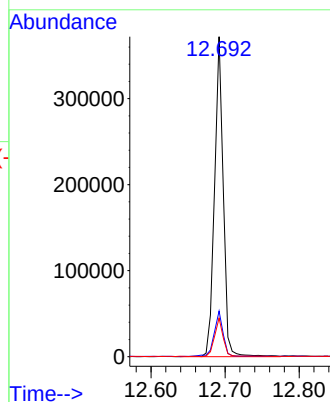
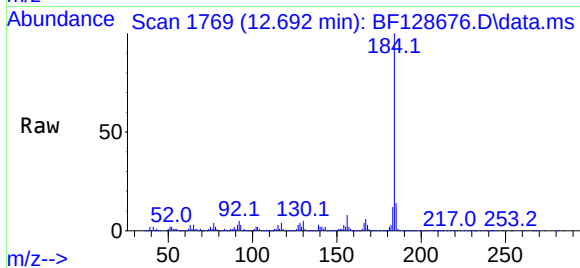
UST-BOTMS

Tgt Ion:184 Resp: 30388
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 12.0 9.3 13.9

Manual Integrations

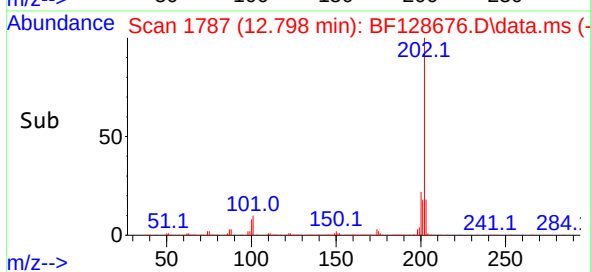
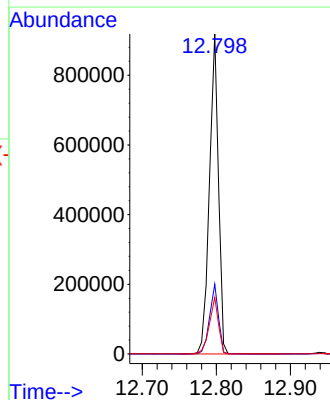
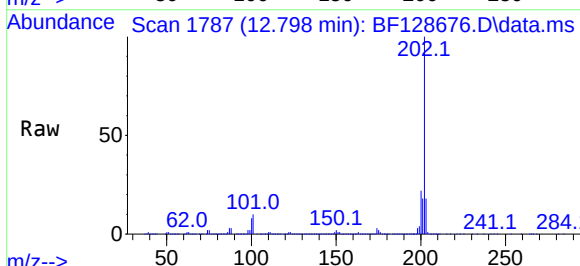
APPROVED

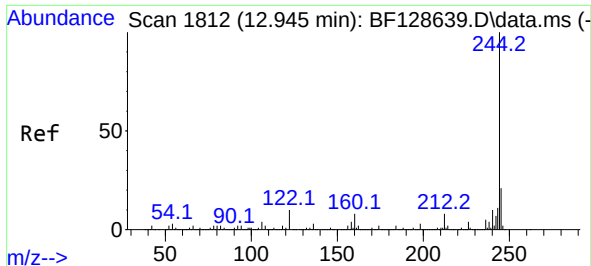
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#78
Pyrene
Concen: 57.128 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:202 Resp: 777862
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.6 14.6 21.8





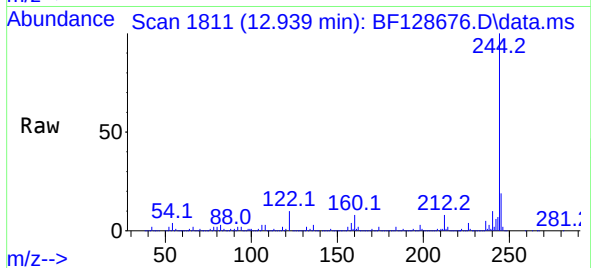
#79
Terphenyl-d14
Concen: 81.712 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

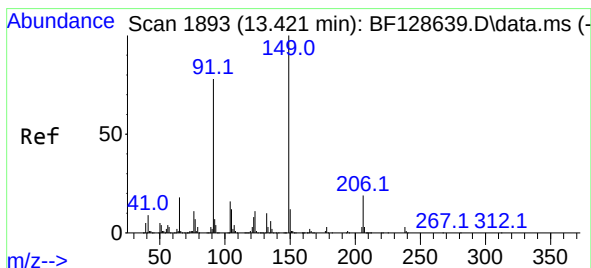
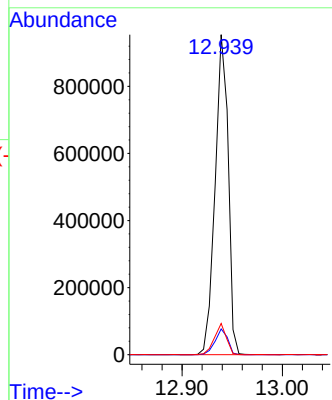
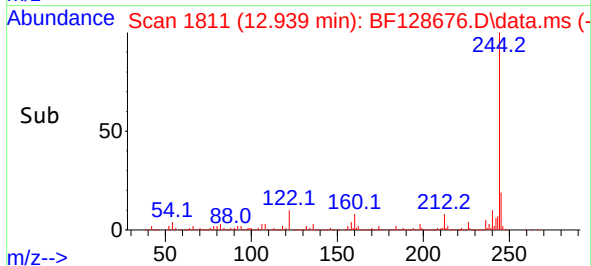


Tgt Ion:244 Resp: 860620
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 9.7 8.8 13.2

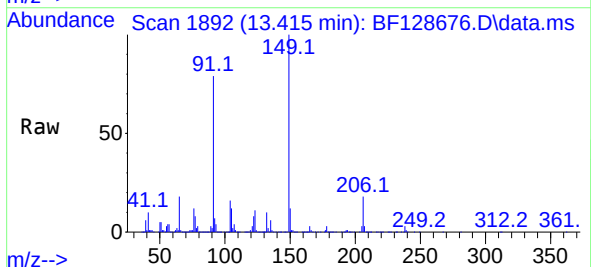
Manual Integrations

APPROVED

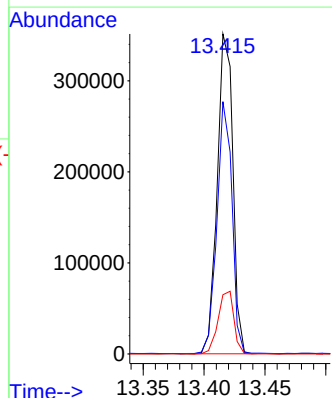
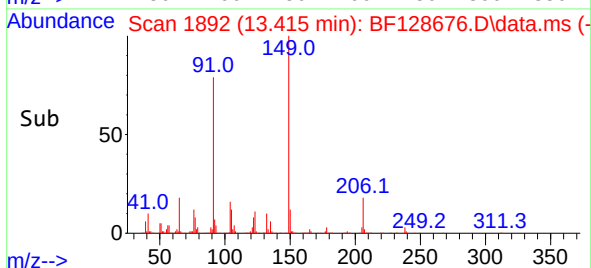
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

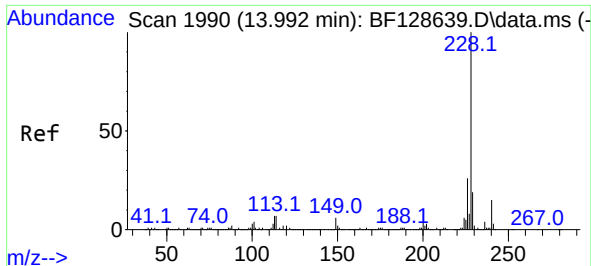


#80
Butylbenzylphthalate
Concen: 54.835 ng
RT: 13.415 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:149 Resp: 313548
Ion Ratio Lower Upper
149 100
91 78.9 61.2 91.8
206 18.5 15.7 23.5





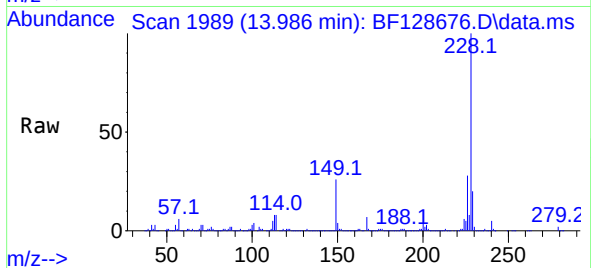
#81
Benzo(a)anthracene
Concen: 52.732 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

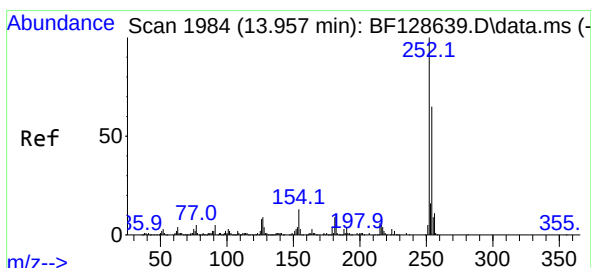
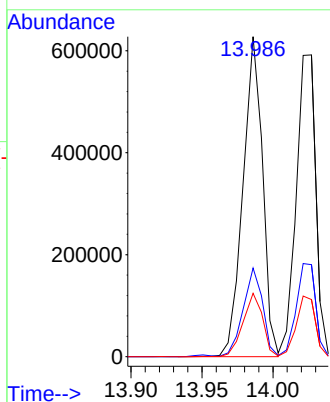
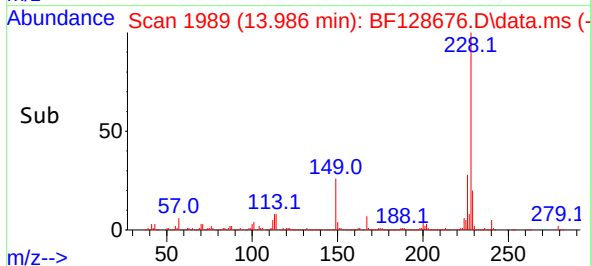


Tgt Ion:228 Resp: 601554
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.8 23.8

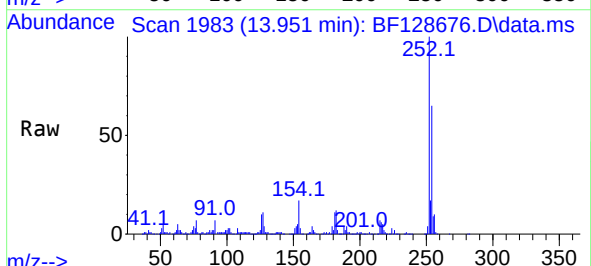
Manual Integrations

APPROVED

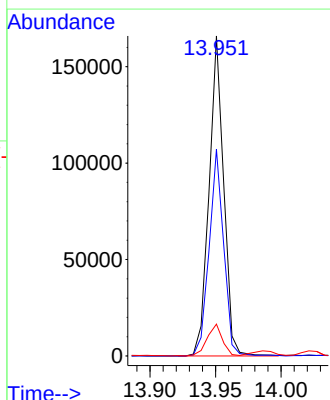
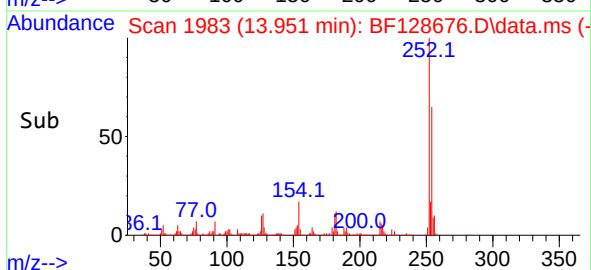
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

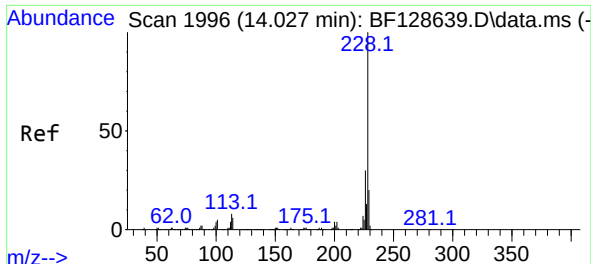


#82
3,3'-Dichlorobenzidine
Concen: 52.846 ng
RT: 13.951 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



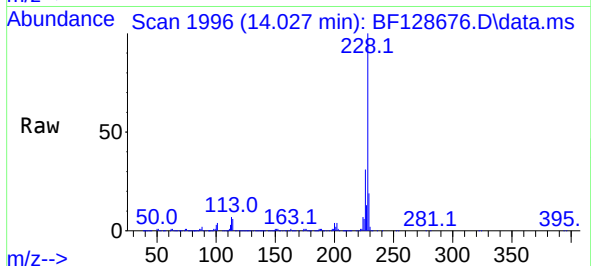
Tgt Ion:252 Resp: 128976
Ion Ratio Lower Upper
252 100
254 64.6 50.2 75.4
126 10.0 8.2 12.4





#83
Chrysene
Concen: 52.104 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

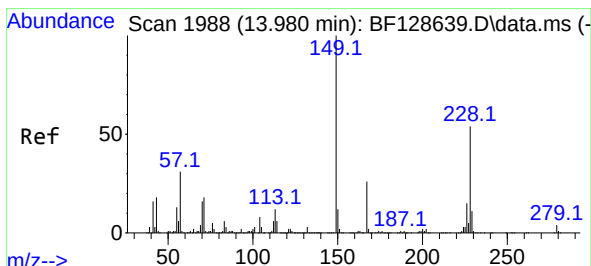
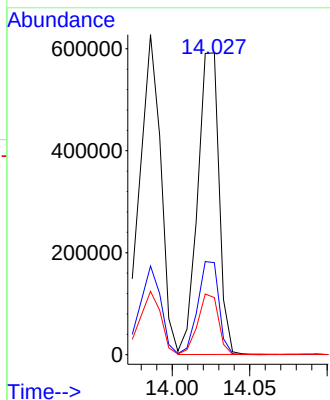
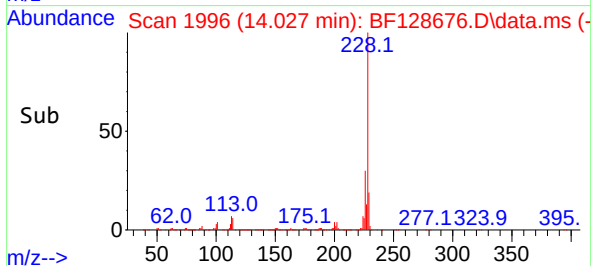
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS



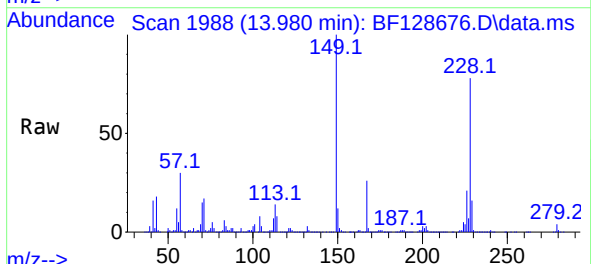
Tgt Ion:228 Resp: 566670
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 18.9 15.9 23.9

Manual Integrations
APPROVED

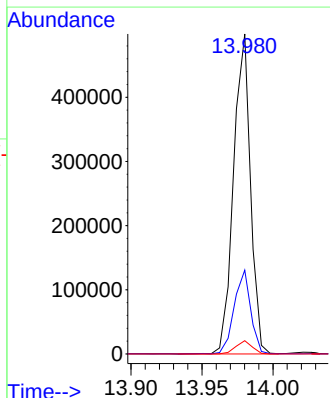
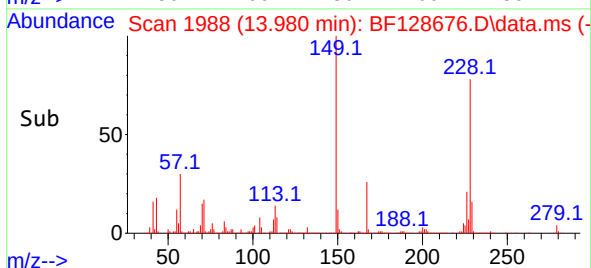
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

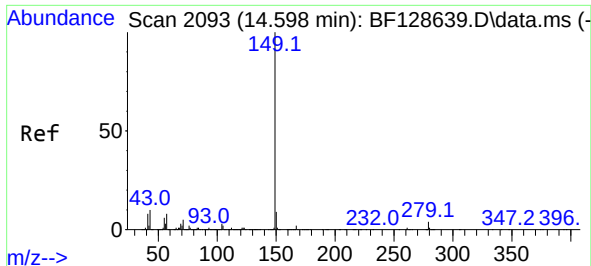


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.798 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:149 Resp: 414792
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 4.1 3.1 4.7





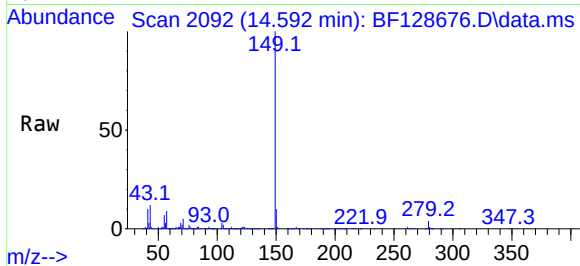
#85
Di-n-octyl phthalate
Concen: 56.113 ng
RT: 14.592 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

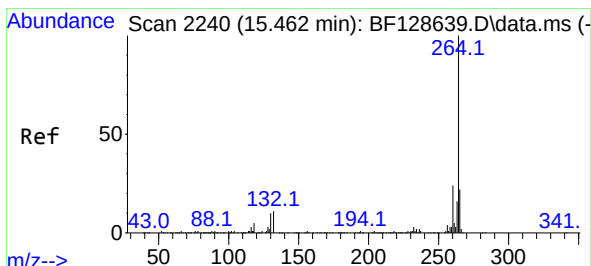
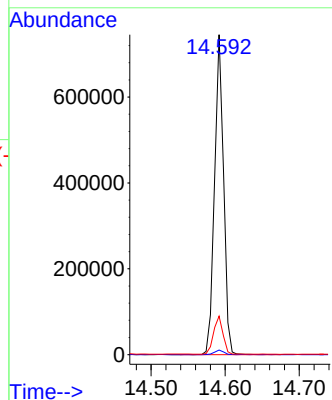
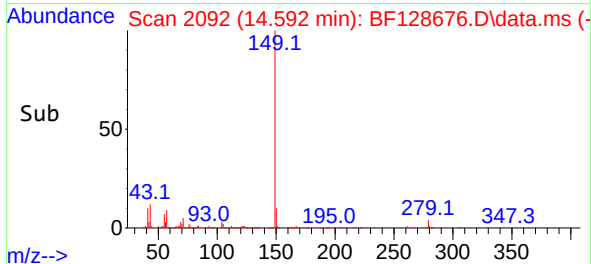


Tgt Ion:149 Resp: 628245
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.4 9.2 13.8

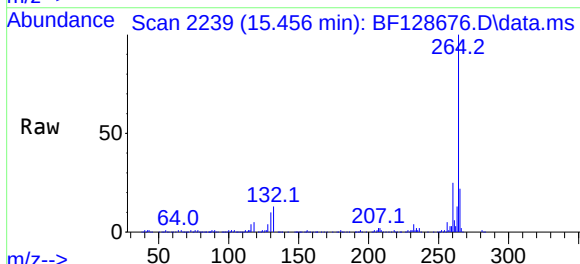
Manual Integrations

APPROVED

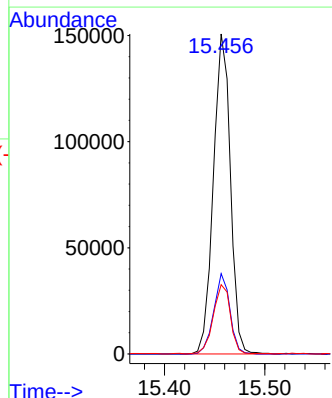
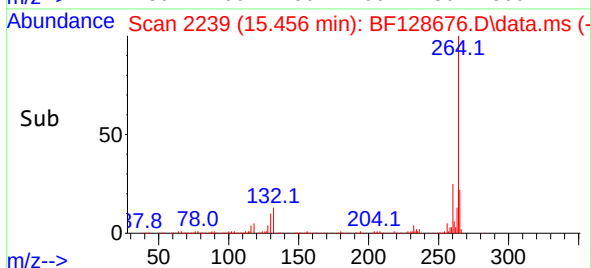
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

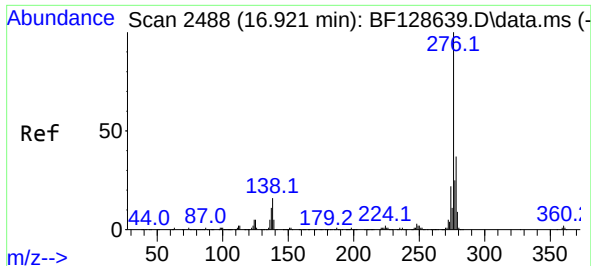


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:264 Resp: 176969
Ion Ratio Lower Upper
264 100
260 25.1 18.4 27.6
265 21.6 17.2 25.8





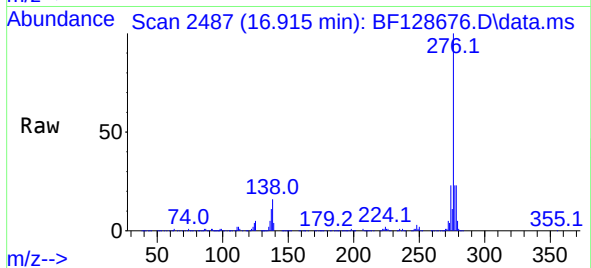
#87
Indeno(1,2,3-cd)pyrene
Concen: 58.151 ng
RT: 16.915 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

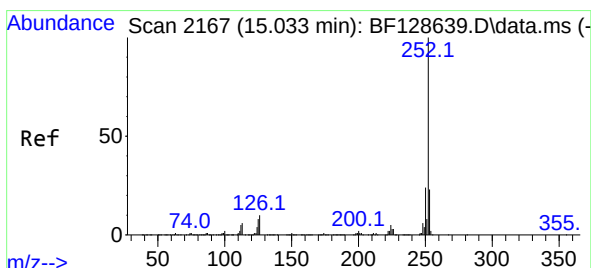
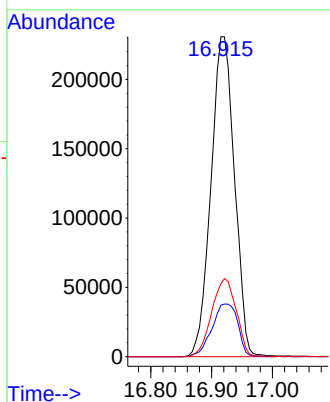
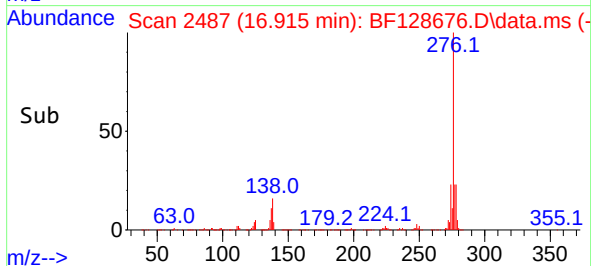


Tgt Ion:276 Resp: 62026
Ion Ratio Lower Upper
276 100
138 18.1 21.1 31.7
277 25.5 20.3 30.5

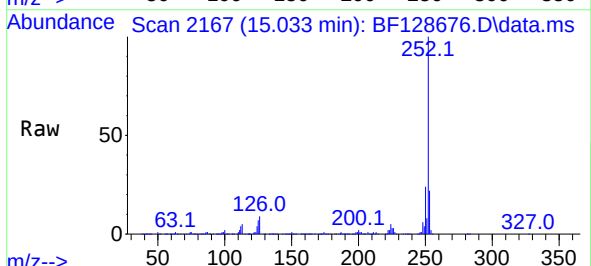
Manual Integrations

APPROVED

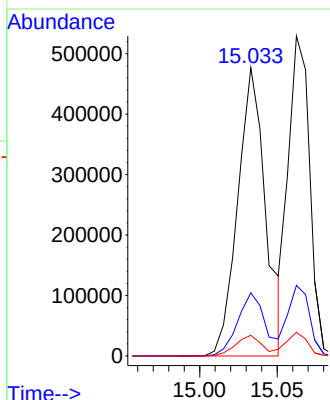
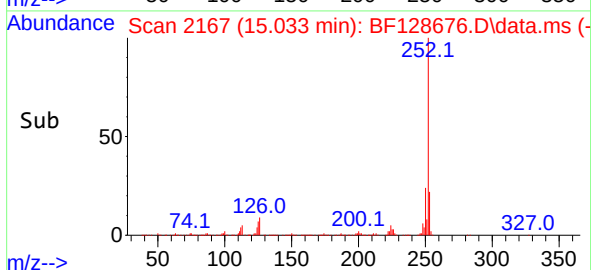
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

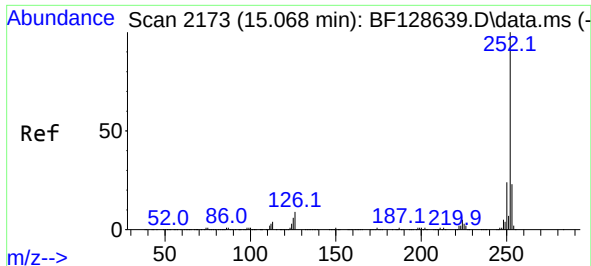


#88
Benzo(b)fluoranthene
Concen: 52.757 ng
RT: 15.033 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16



Tgt Ion:252 Resp: 596583
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 7.2 8.0 12.0





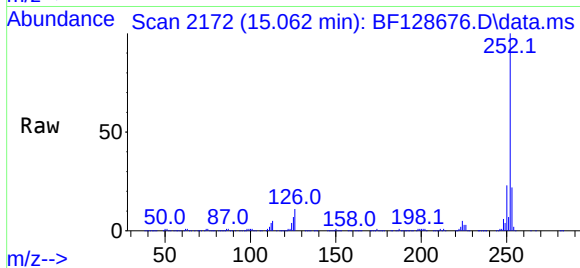
#89
Benzo(k)fluoranthene
Concen: 47.815 ng
RT: 15.062 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

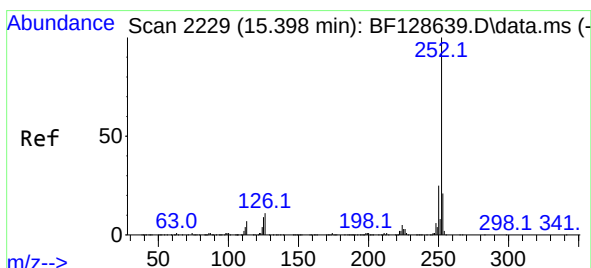
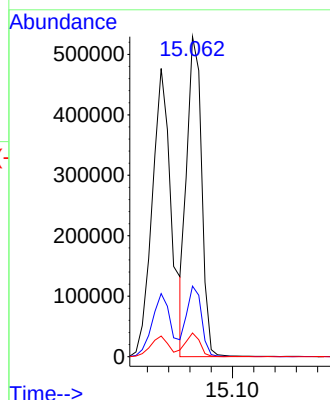
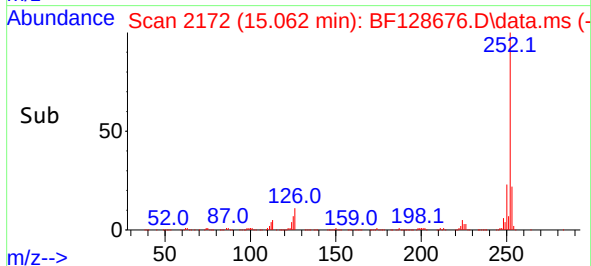


Tgt Ion:252 Resp: 508630
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 7.4 8.3 12.5

Manual Integrations

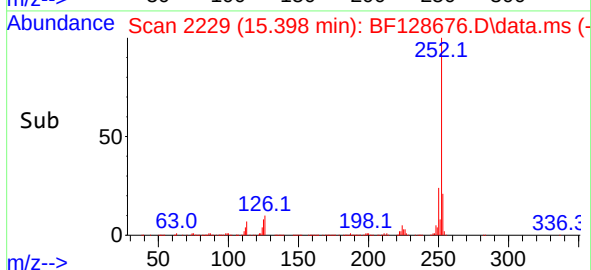
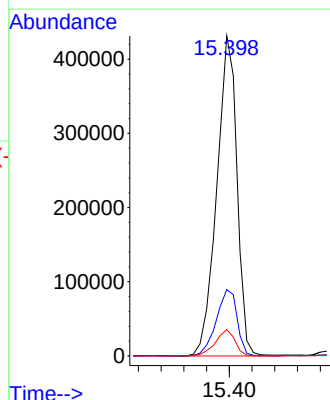
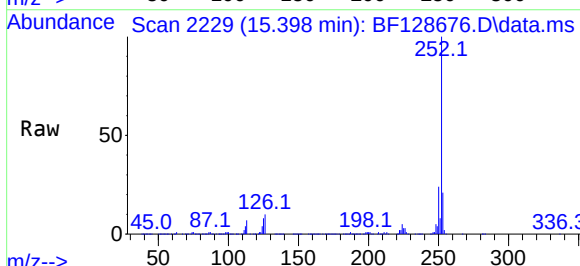
APPROVED

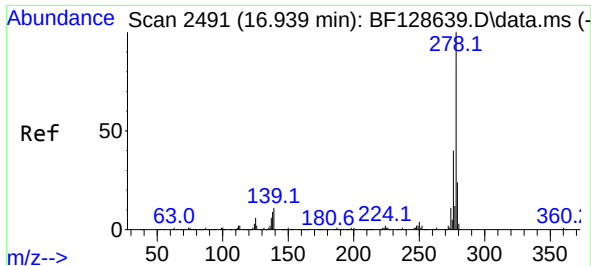
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#90
Benzo(a)pyrene
Concen: 60.028 ng
RT: 15.398 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:252 Resp: 533517
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 8.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 60.815 ng
RT: 16.939 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

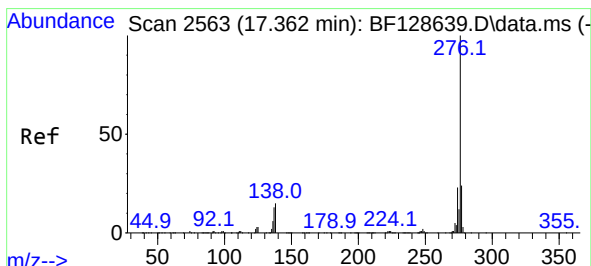
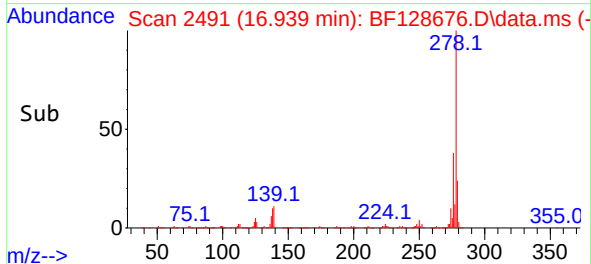
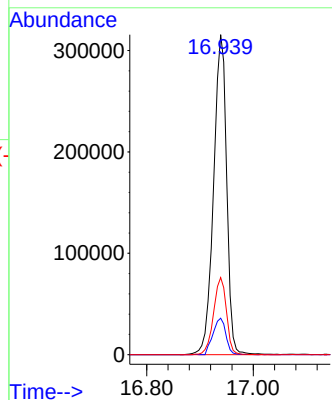
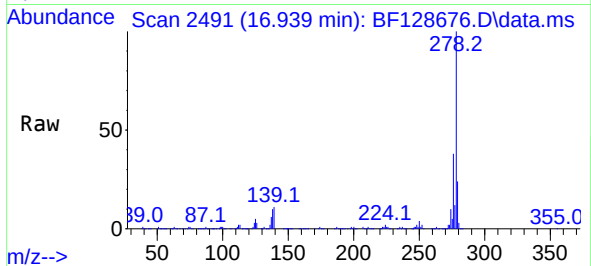
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Tgt Ion:278 Resp: 538064
Ion Ratio Lower Upper
278 100
139 11.4 12.8 19.2
279 24.1 18.6 28.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#92
Benzo(g,h,i)perylene
Concen: 61.266 ng
RT: 17.362 min Scan# 2563
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:276 Resp: 537221
Ion Ratio Lower Upper
276 100
277 24.6 19.1 28.7
138 14.4 18.0 27.0

