

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127075.D
 Acq On : 25 Feb 2022 17:15
 Operator : CG\JU
 Sample : N1655-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNK-MIDMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/28/2022
 Supervised By : Jagrut Upadhyay 02/28/2022

Quant Time: Feb 26 01:39:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	78723	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	311894	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	151749	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	240339	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	135916	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	165436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	501959	98.550	ng	0.00
7) Phenol-d6	6.534	99	562198	81.800	ng	0.00
23) Nitrobenzene-d5	7.469	82	393371	56.929	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	148180	84.811	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	594242	57.649	ng	0.00
79) Terphenyl-d14	13.021	244	461857	49.954	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	100323	43.044	ng	96
3) Pyridine	3.498	79	258273	42.247	ng	91
4) n-Nitrosodimethylamine	3.463	42	154989	51.755	ng	# 71
6) Aniline	6.569	93	238913	29.339	ng	96
8) 2-Chlorophenol	6.686	128	236694	43.310	ng	99
9) Benzaldehyde	6.457	77	146417	34.998	ng	98
10) Phenol	6.545	94	296029m	42.628	ng	
11) bis(2-Chloroethyl)ether	6.639	93	221860	40.732	ng	99
12) 1,3-Dichlorobenzene	6.845	146	255018	43.258	ng	99
13) 1,4-Dichlorobenzene	6.922	146	259362	43.396	ng	99
14) 1,2-Dichlorobenzene	7.075	146	243041	42.643	ng	99
15) Benzyl Alcohol	7.045	79	238670	41.221	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.175	45	314195	36.632	ng	95
17) 2-Methylphenol	7.157	107	195406	41.327	ng	93
18) Hexachloroethane	7.416	117	101124	44.142	ng	# 90
19) n-Nitroso-di-n-propyla...	7.310	70	178545	40.316	ng	96
20) 3+4-Methylphenols	7.304	107	255004	41.533	ng	90
22) Acetophenone	7.316	105	351529	42.807	ng	94
24) Nitrobenzene	7.486	77	280587	42.985	ng	96
25) Isophorone	7.722	82	469305	41.044	ng	# 97
26) 2-Nitrophenol	7.804	139	123825	44.554	ng	# 82
27) 2,4-Dimethylphenol	7.833	122	214124m	46.898	ng	
28) bis(2-Chloroethoxy)met...	7.933	93	271417	39.155	ng	99
29) 2,4-Dichlorophenol	8.045	162	184340	42.945	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	204746	42.664	ng	98
31) Naphthalene	8.210	128	694097	42.631	ng	99
32) Benzoic acid	7.951	122	127661	39.426	ng	88
33) 4-Chloroaniline	8.257	127	94553	14.754	ng	98
34) Hexachlorobutadiene	8.322	225	124394	44.399	ng	98
35) Caprolactam	8.628	113	55440m	36.985	ng	
36) 4-Chloro-3-methylphenol	8.739	107	227554	41.479	ng	93
37) 2-Methylnaphthalene	8.904	142	447256	42.335	ng	95
38) 1-Methylnaphthalene	9.004	142	419195	41.436	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	184567	46.204	ng	99
41) Hexachlorocyclopentadiene	9.051	237	223250	103.046	ng	94
43) 2,4,6-Trichlorophenol	9.180	196	123097	42.016	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	129814	42.106	ng	94
46) 1,1'-Biphenyl	9.363	154	524648	43.638	ng	97
47) 2-Chloronaphthalene	9.392	162	388138	43.534	ng	92
48) 2-Nitroaniline	9.486	65	146045	41.511	ng	94
49) Acenaphthylene	9.810	152	642020	44.331	ng	98
50) Dimethylphthalate	9.663	163	436596	40.251	ng	# 99
51) 2,6-Dinitrotoluene	9.727	165	94695	42.910	ng	# 75
52) Acenaphthene	9.980	154	433584m	46.035	ng	
53) 3-Nitroaniline	9.898	138	50616	18.763	ng	# 97
54) 2,4-Dinitrophenol	10.010	184	83644	71.609	ng	# 81
55) Dibenzofuran	10.157	168	534281	41.254	ng	91
56) 4-Nitrophenol	10.063	139	148522	74.545	ng	# 72
57) 2,4-Dinitrotoluene	10.133	165	125275	41.985	ng	# 94
58) Fluorene	10.498	166	423279	41.958	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	98668	40.369	ng	# 97
60) Diethylphthalate	10.363	149	443994	39.174	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	197721	41.565	ng	95
62) 4-Nitroaniline	10.516	138	94717	35.557	ng	# 75
63) Azobenzene	10.645	77	480376	38.063	ng	93
65) 4,6-Dinitro-2-methylph...	10.539	198	53133	37.626	ng	80
66) n-Nitrosodiphenylamine	10.604	169	354011	44.920	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	121522	45.254	ng	98
68) Hexachlorobenzene	11.045	284	132781	45.932	ng	90
69) Atrazine	11.133	200	110055	45.026	ng	97
70) Pentachlorophenol	11.239	266	129478	82.049	ng	98
71) Phenanthrene	11.463	178	585196	43.502	ng	99
72) Anthracene	11.516	178	600238	44.821	ng	99
73) Carbazole	11.668	167	478099	38.930	ng	99
74) Di-n-butylphthalate	11.992	149	614690	38.934	ng	100
75) Fluoranthene	12.651	202	489295	38.307	ng	95
77) Benzidine	12.774	184	157861	42.739	ng	96
78) Pyrene	12.886	202	481535	40.780	ng	99
80) Butylbenzylphthalate	13.498	149	199172	35.629	ng	# 84
81) Benzo(a)anthracene	14.074	228	386750	42.208	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	69402	24.034	ng	# 97
83) Chrysene	14.110	228	368950	42.819	ng	98
84) Bis(2-ethylhexyl)phtha...	14.051	149	265066	36.117	ng	# 96
85) Di-n-octyl phthalate	14.668	149	445421	42.152	ng	96
87) Indeno(1,2,3-cd)pyrene	17.115	276	540166	49.795	ng	# 84
88) Benzo(b)fluoranthene	15.139	252	469941	42.294	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	413693	38.601	ng	# 92
90) Benzo(a)pyrene	15.521	252	446564	51.453	ng	# 92
91) Dibenzo(a,h)anthracene	17.133	278	461715	51.463	ng	# 90
92) Benzo(g,h,i)perylene	17.580	276	458468	51.834	ng	# 83

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

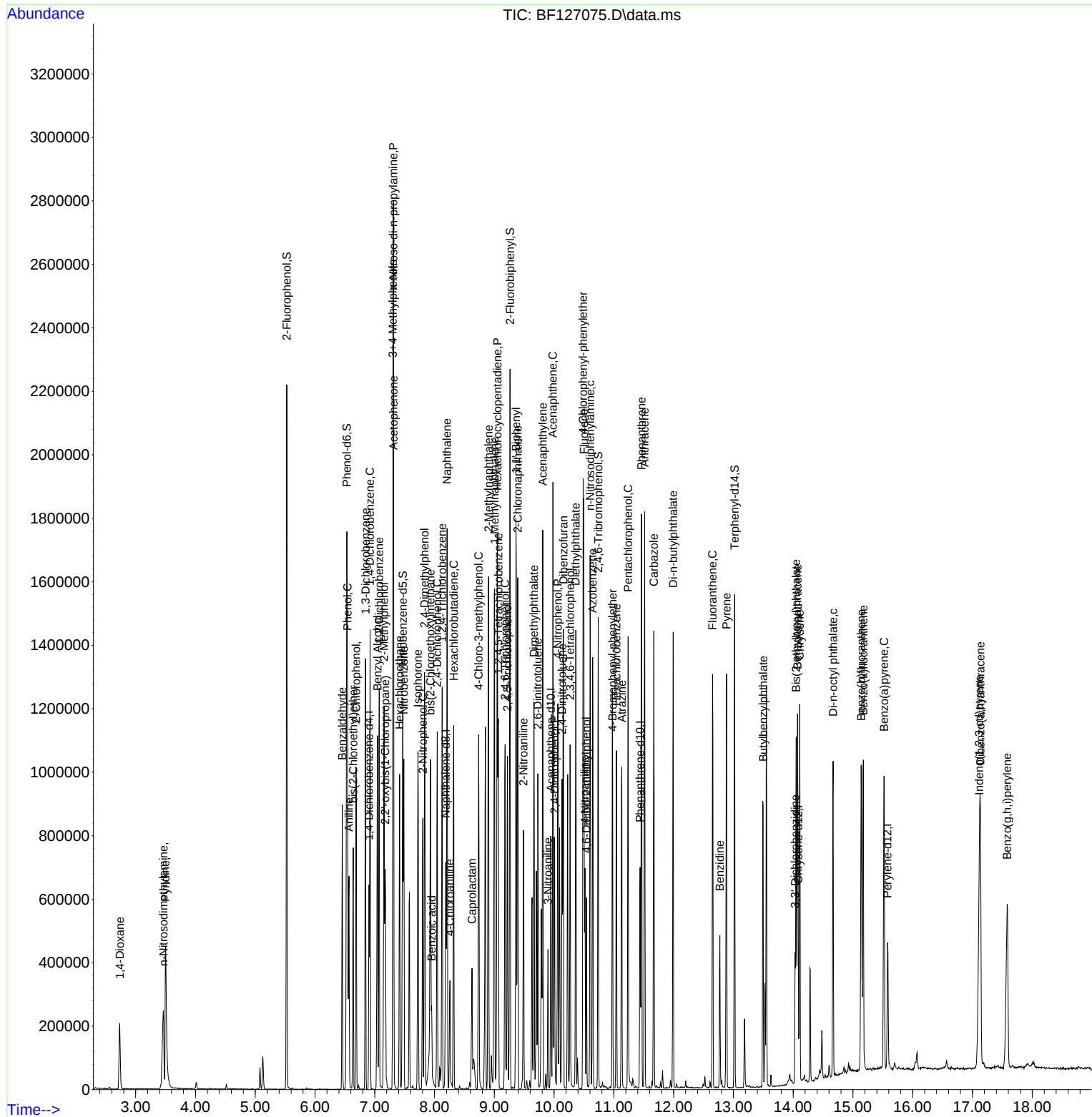
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

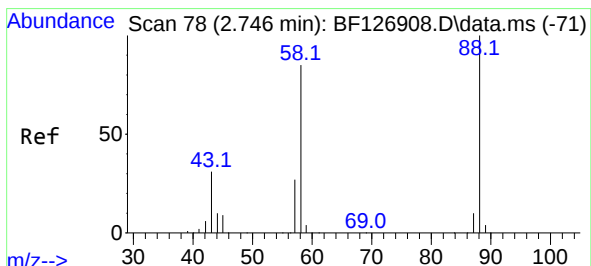
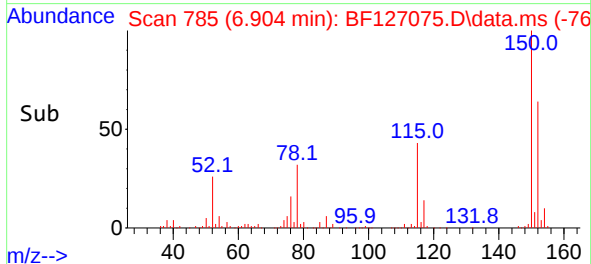
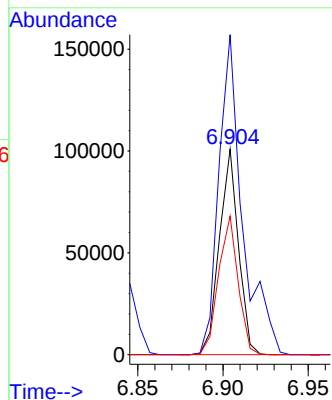
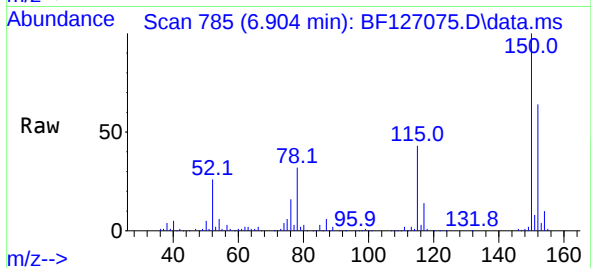
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Tgt Ion:152 Resp: 7872
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 67.4 56.7 85.1

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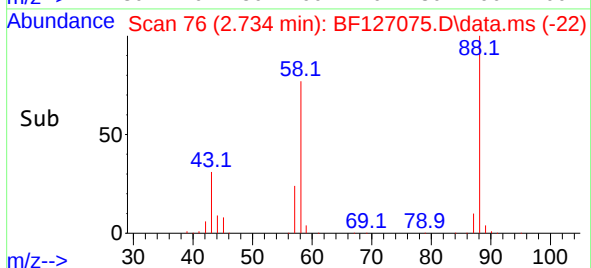
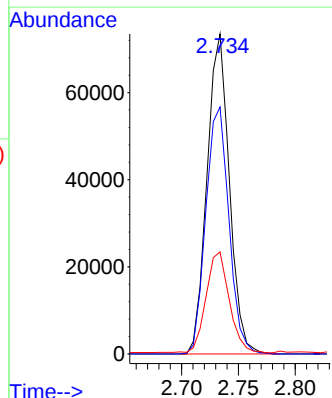
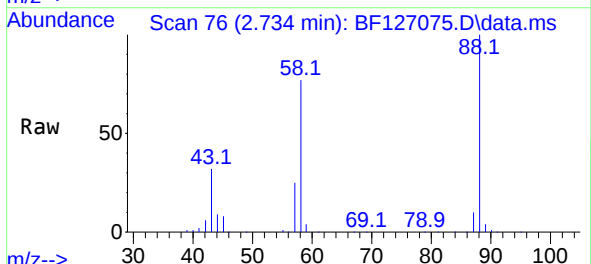
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#2
1,4-Dioxane
Concen: 43.044 ng
RT: 2.734 min Scan# 76
Delta R.T. 0.018 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion: 88 Resp: 100323
Ion Ratio Lower Upper
88 100
58 79.9 62.8 94.2
43 33.0 22.3 33.5





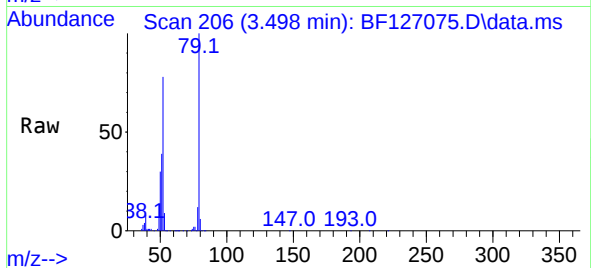
#3
Pyridine
Concen: 42.247 ng
RT: 3.498 min Scan# 206
Delta R.T. 0.012 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

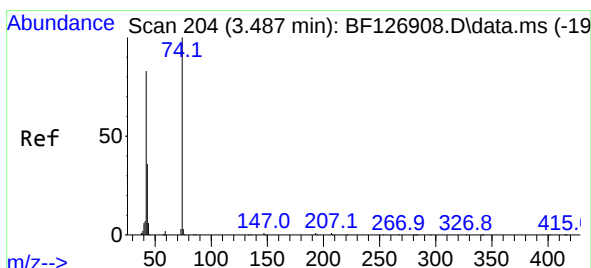
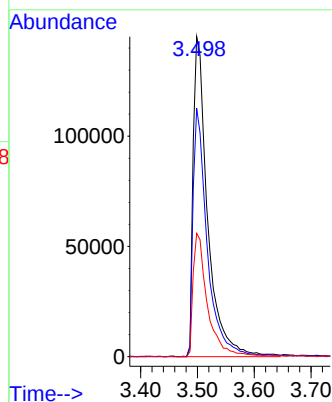
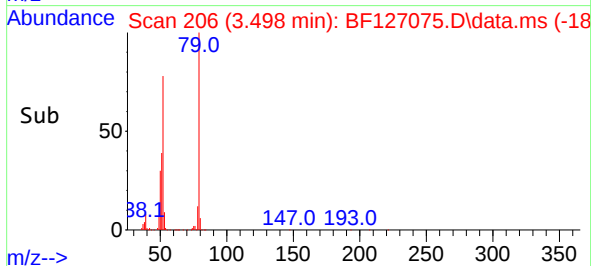


Tgt Ion: 79 Resp: 25827
Ion Ratio Lower Upper
79 100
52 77.6 56.2 84.4
51 38.5 26.7 40.1

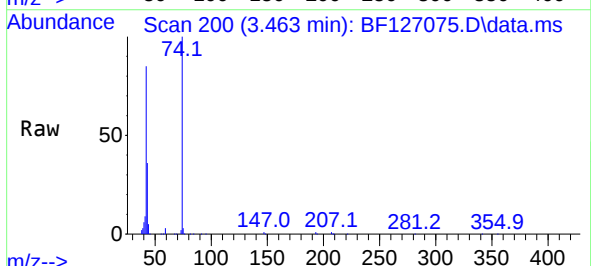
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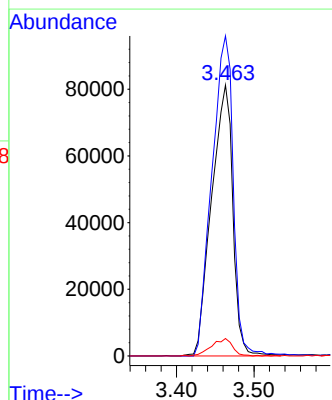
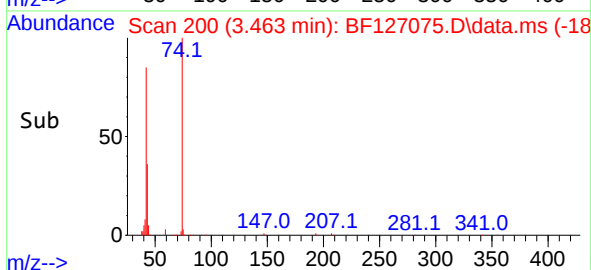
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#4
n-Nitrosodimethylamine
Concen: 51.755 ng
RT: 3.463 min Scan# 200
Delta R.T. 0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion: 42 Resp: 154989
Ion Ratio Lower Upper
42 100
74 118.2 125.6 188.4
44 6.4 5.7 8.5





#5
2-Fluorophenol
Concen: 98.550 ng
RT: 5.528 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

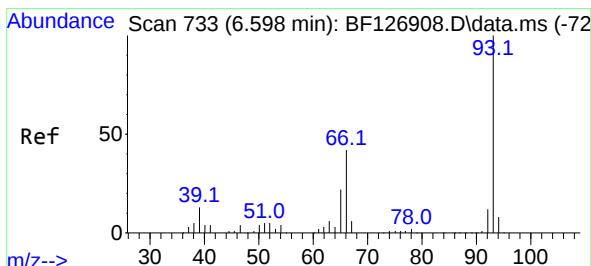
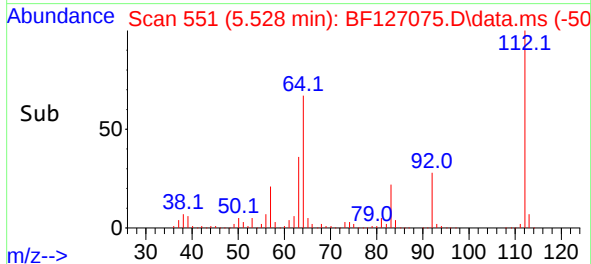
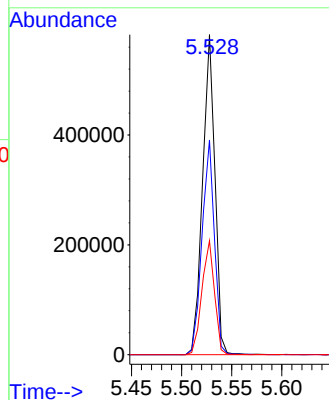
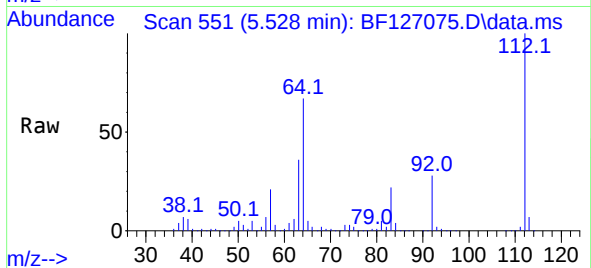
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Tgt Ion:112 Resp: 501959
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 35.6 23.9 35.9

Manual Integrations

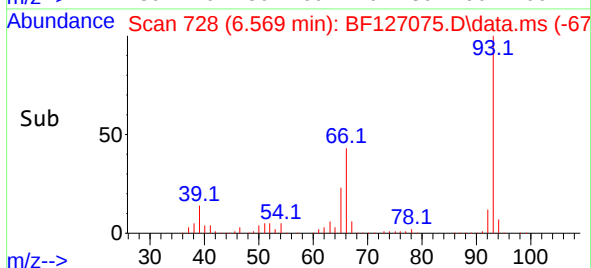
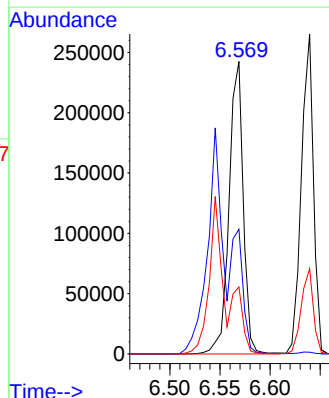
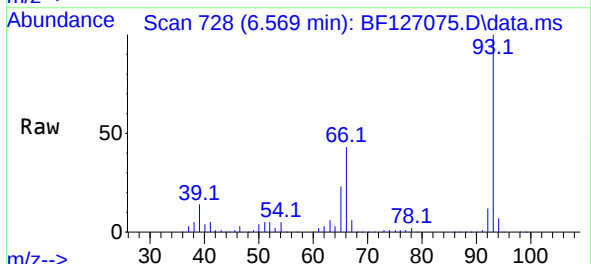
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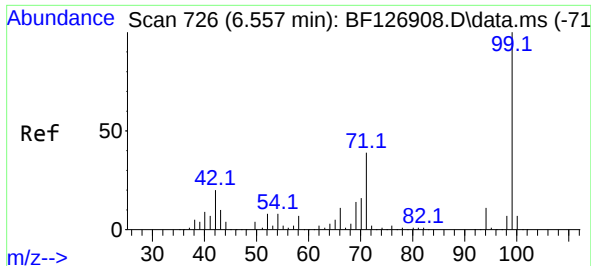
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#6
Aniline
Concen: 29.339 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF127075.D
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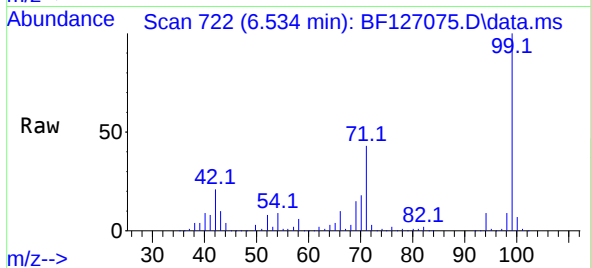
Tgt Ion: 93 Resp: 238913
Ion Ratio Lower Upper
93 100
66 42.6 32.2 48.4
65 22.9 16.3 24.5





#7
Phenol-d6
Concen: 81.800 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

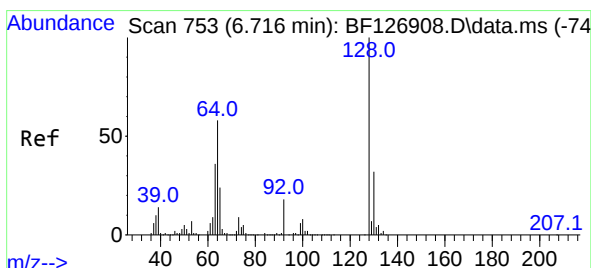
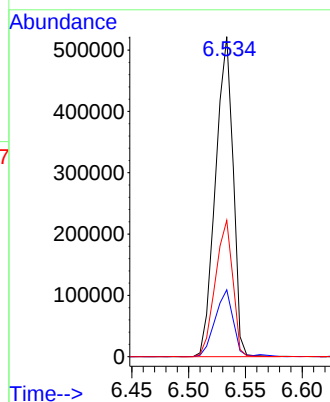
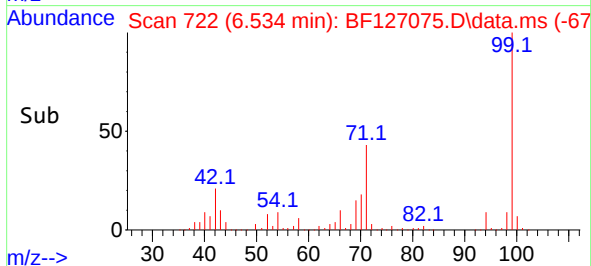
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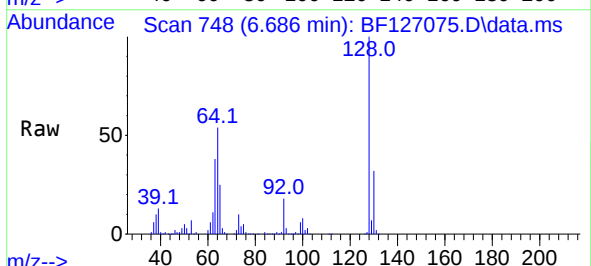
Tgt Ion: 99 Resp: 562198
Ion Ratio Lower Upper
99 100
42 20.9 14.2 21.4
71 42.6 24.3 36.5

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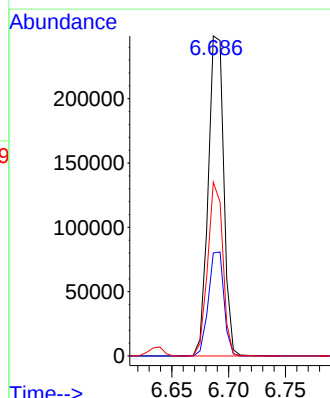
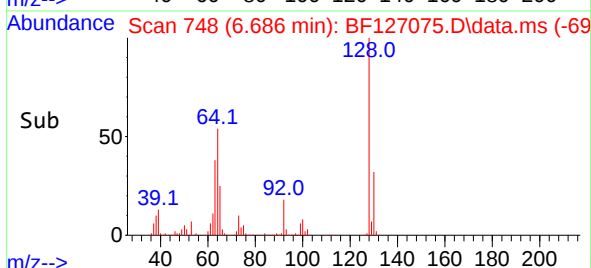
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#8
2-Chlorophenol
Concen: 43.310 ng
RT: 6.686 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



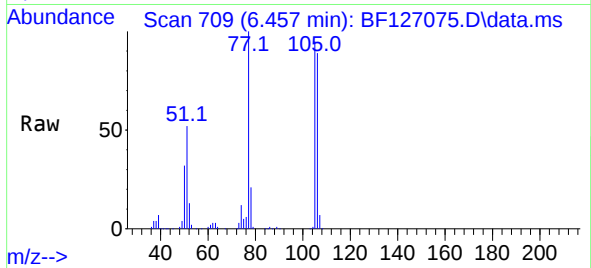
Tgt Ion:128 Resp: 236694
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 54.3 35.6 75.6





#9
Benzaldehyde
Concen: 34.998 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF127075.D
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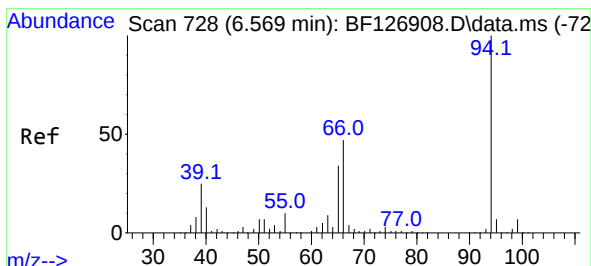
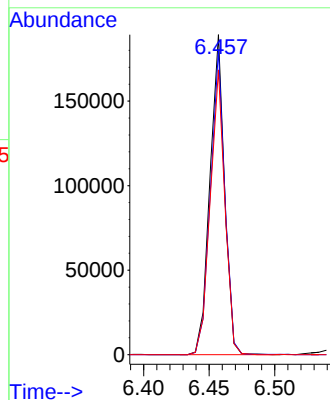
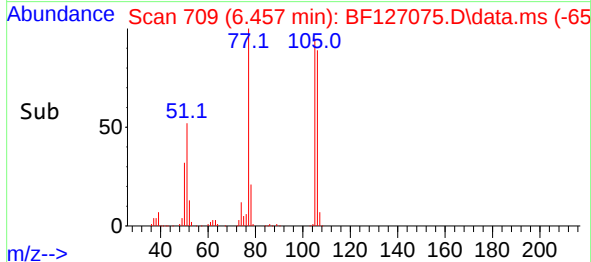
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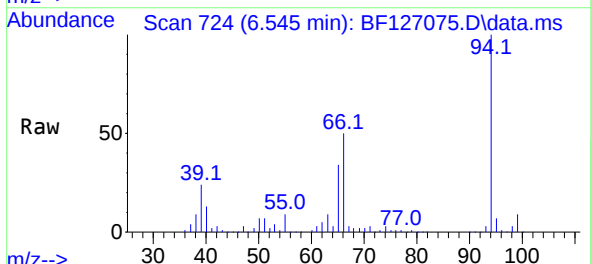
Tgt Ion: 77 Resp: 14641
Ion Ratio Lower Upper
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105 95.4 74.9 114.9
106 89.0 72.4 112.4

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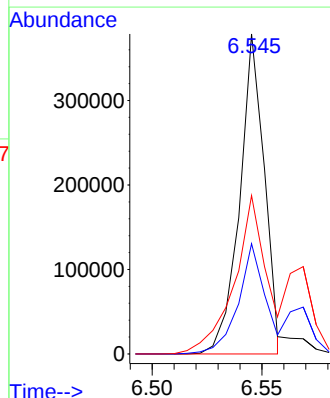
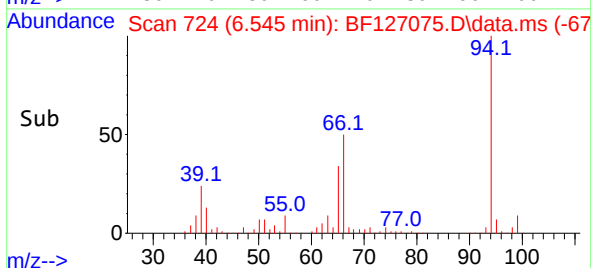
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#10
Phenol
Concen: 42.628 ng m
RT: 6.545 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion: 94 Resp: 296029
Ion Ratio Lower Upper
94 100
65 34.5 7.2 47.2
66 49.5 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 40.732 ng

RT: 6.639 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

Tgt Ion: 93 Resp: 221860

Ion Ratio Lower Upper

93 100

63 80.4 60.5 100.5

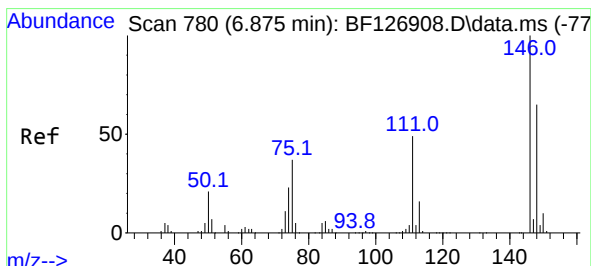
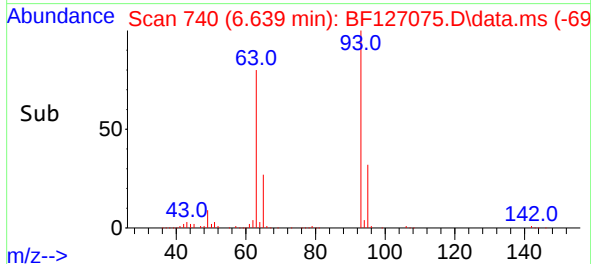
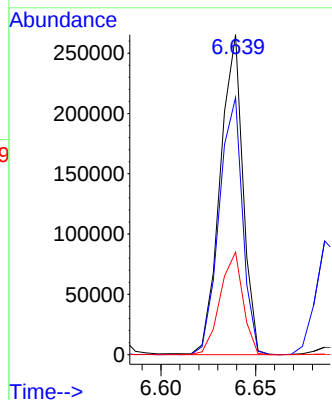
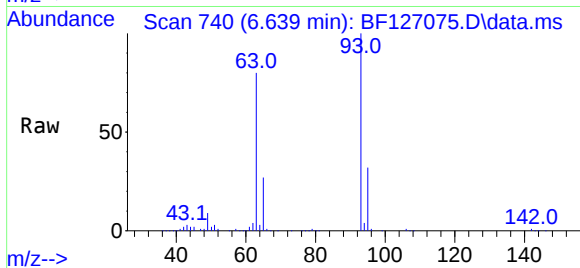
95 32.1 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022



#12

1,3-Dichlorobenzene

Concen: 43.258 ng

RT: 6.845 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

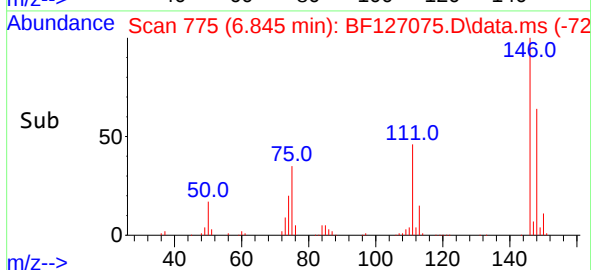
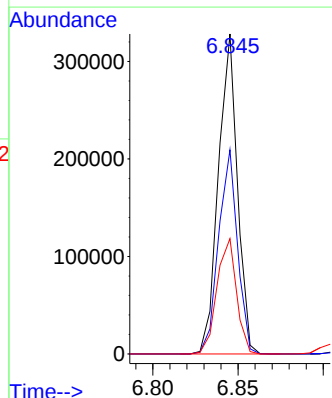
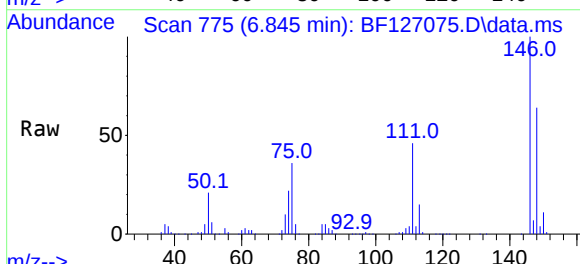
Tgt Ion:146 Resp: 255018

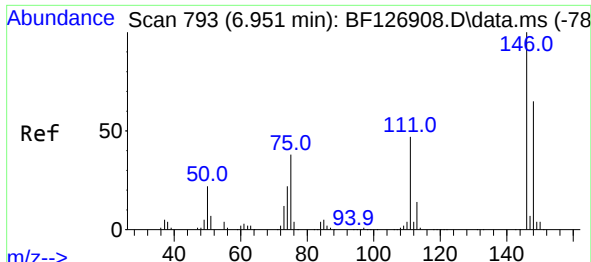
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

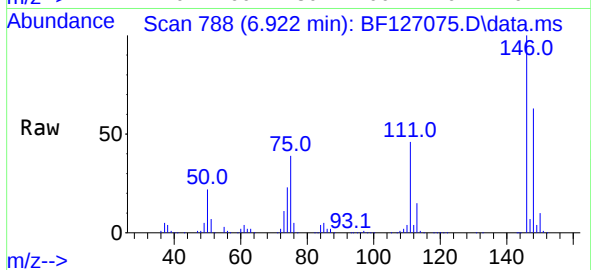
75 36.1 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 43.396 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

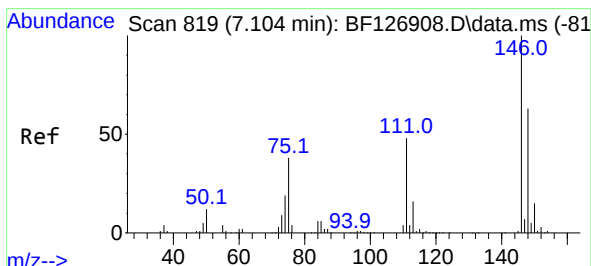
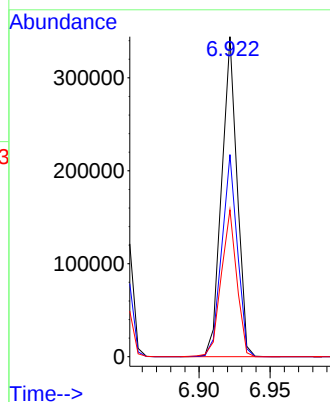
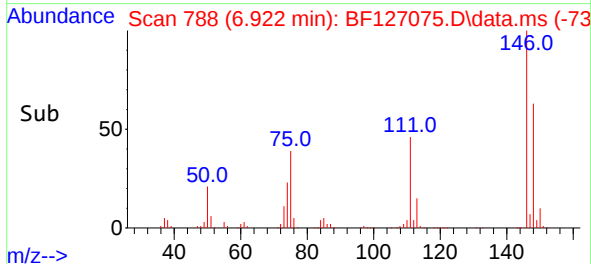
Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS



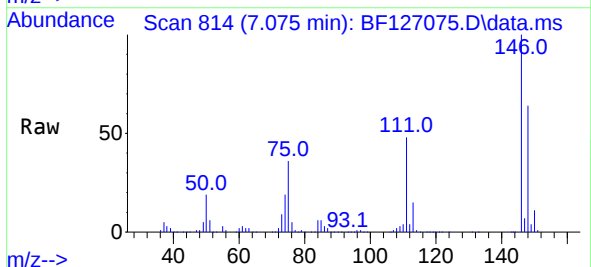
Tgt Ion:146 Resp: 259362
Ion Ratio Lower Upper
146 100
148 63.2 49.8 74.6
111 45.9 36.1 54.1

Manual Integrations
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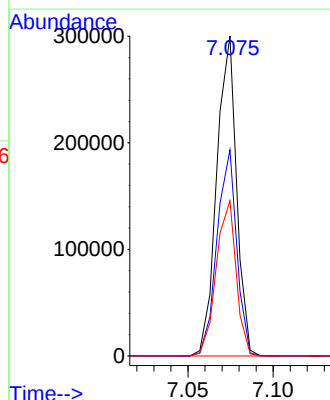
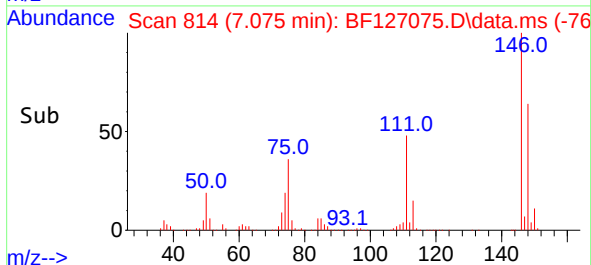
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

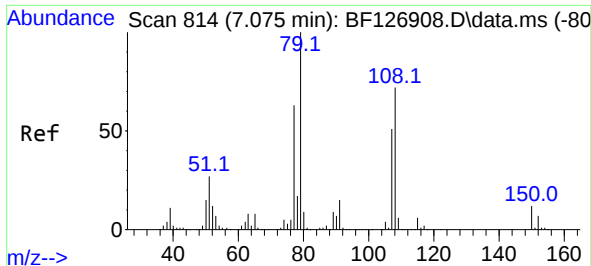


#14
1,2-Dichlorobenzene
Concen: 42.643 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:146 Resp: 243041
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 48.5 40.2 60.2





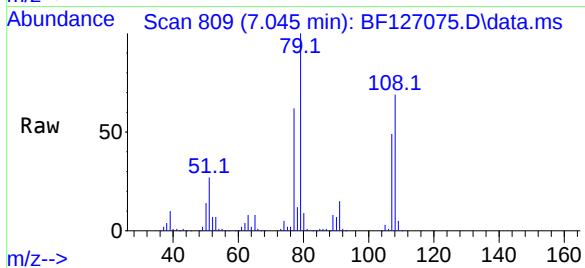
#15
Benzyl Alcohol
Concen: 41.221 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

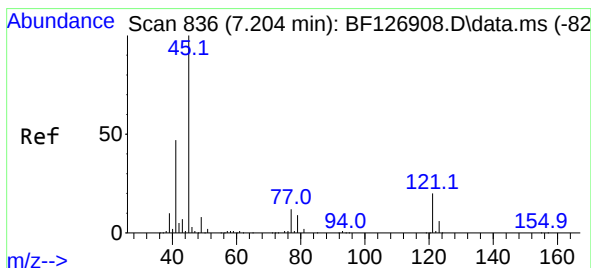
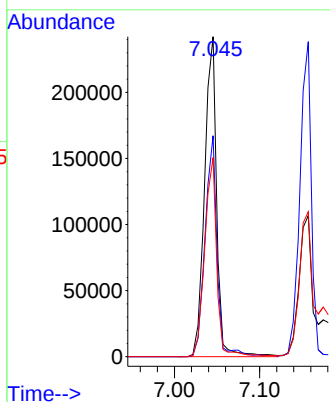
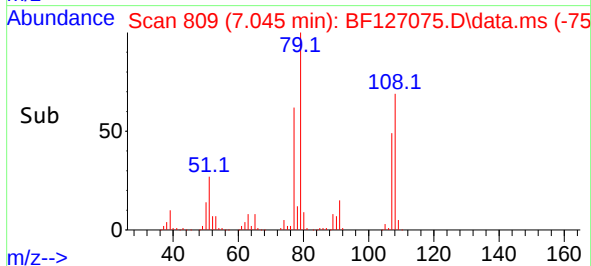


Tgt Ion: 79 Resp: 238670
Ion Ratio Lower Upper
79 100
108 69.1 63.2 94.8
77 62.3 49.4 74.2

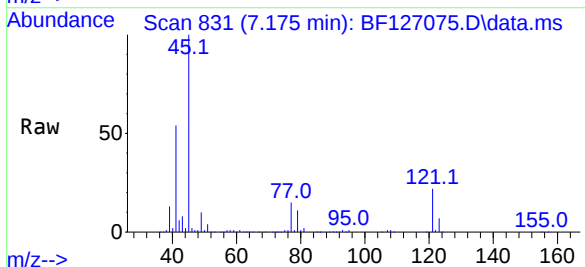
Manual Integrations

APPROVED

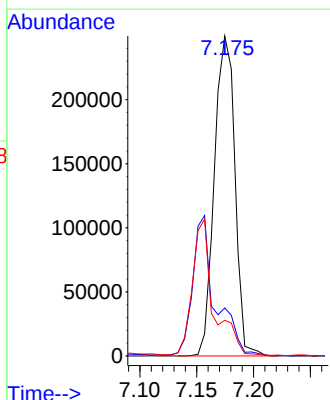
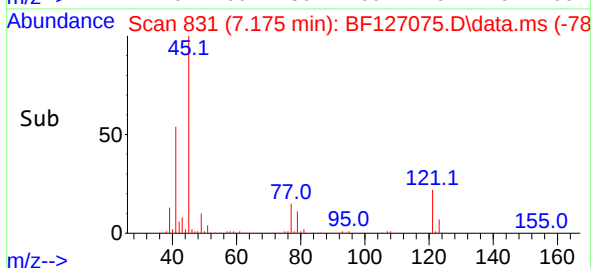
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

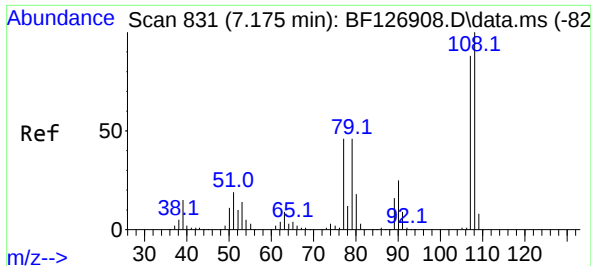


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.632 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion: 45 Resp: 314195
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.4
79 11.2 0.0 29.8





#17
2-Methylphenol
Concen: 41.327 ng
RT: 7.157 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

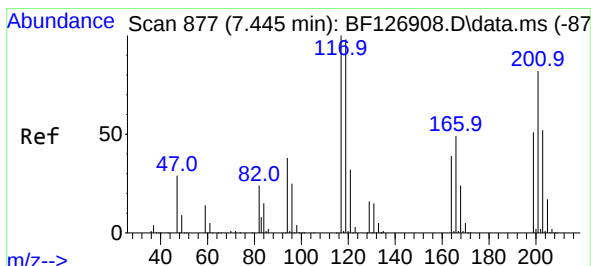
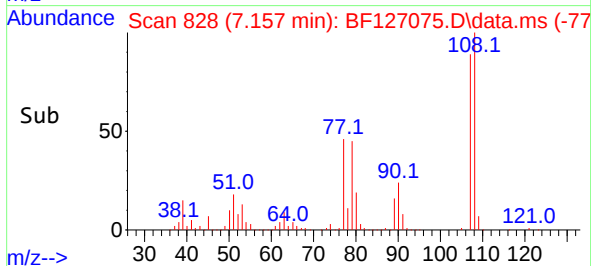
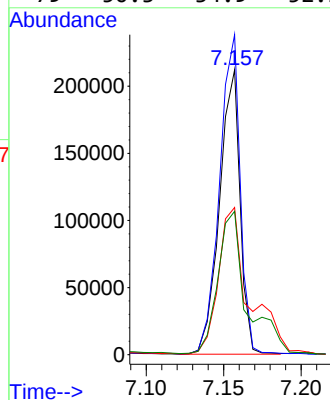
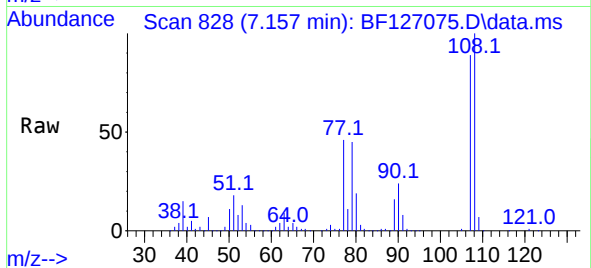
UNK-MIDMS

Tgt Ion:107 Resp: 195400
Ion Ratio Lower Upper
107 100
108 112.3 93.4 140.0
77 51.7 36.1 54.1
79 50.3 34.9 52.3

Manual Integrations

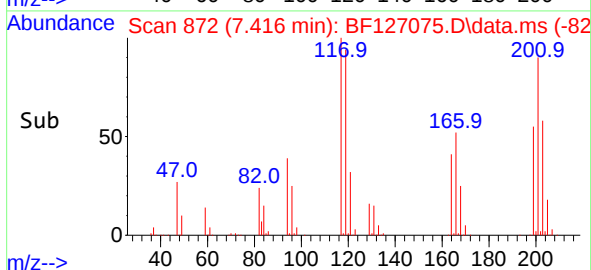
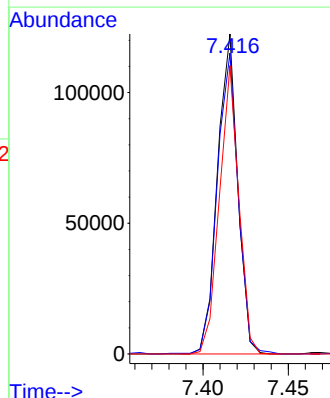
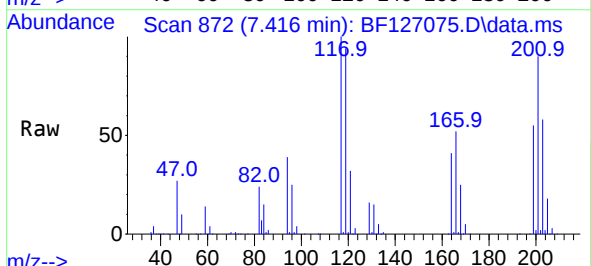
APPROVED

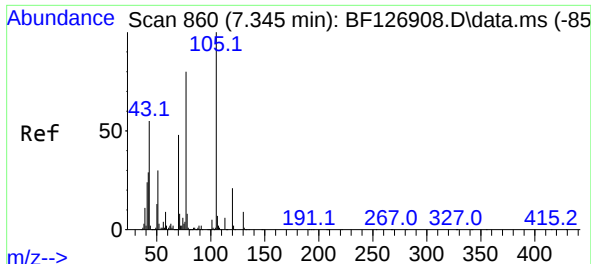
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#18
Hexachloroethane
Concen: 44.142 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

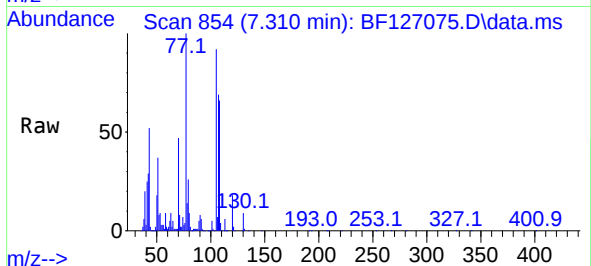
Tgt Ion:117 Resp: 101124
Ion Ratio Lower Upper
117 100
119 94.0 75.4 113.0
201 90.1 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 40.316 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

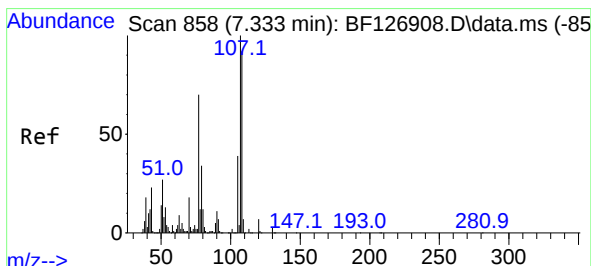
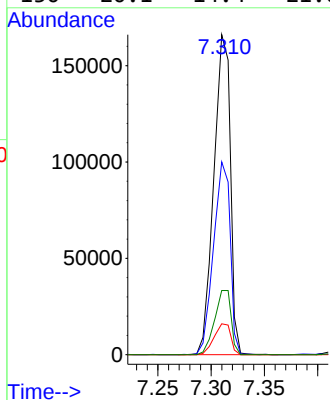
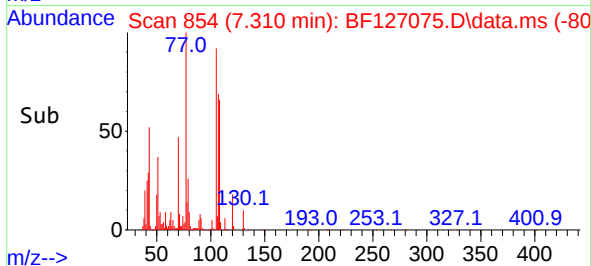
Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS



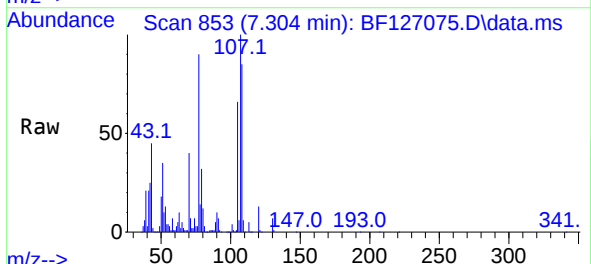
Tgt Ion: 70 Resp: 17854
Ion Ratio Lower Upper
70 100
42 60.3 45.8 68.8
101 9.7 6.9 10.3
130 20.1 14.4 21.6

Manual Integrations
APPROVED

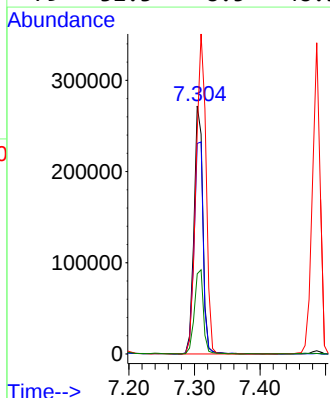
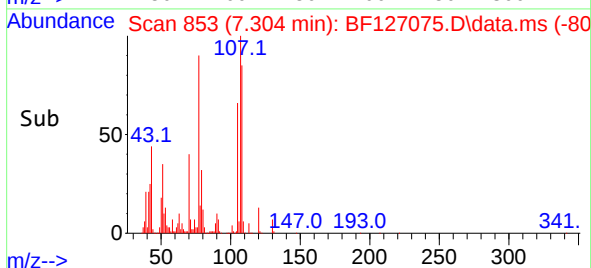
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

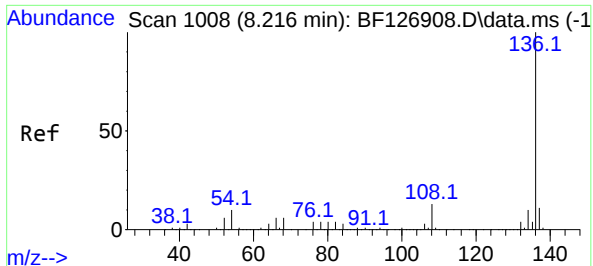


#20
3+4-Methylphenols
Concen: 41.533 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



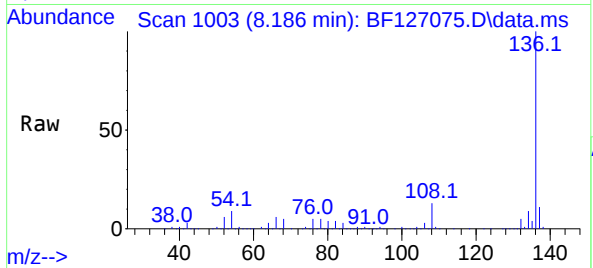
Tgt Ion:107 Resp: 255004
Ion Ratio Lower Upper
107 100
108 84.9 72.4 112.4
77 89.8 83.8 123.8
79 32.3 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

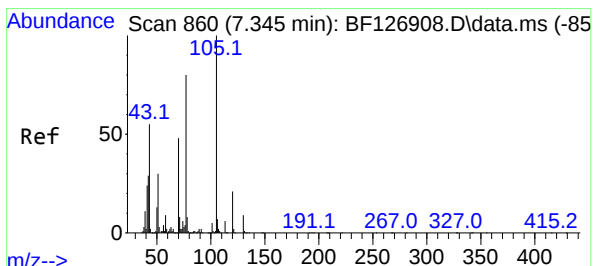
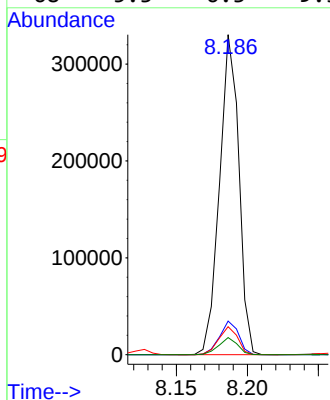
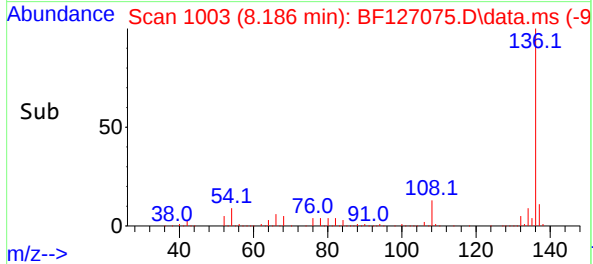
Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS



Tgt Ion:136 Resp: 311894
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.8 7.8 11.6
68 5.3 6.3 9.5#

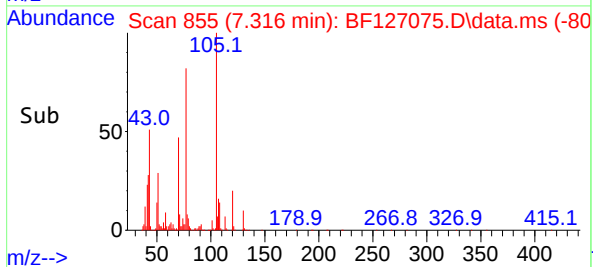
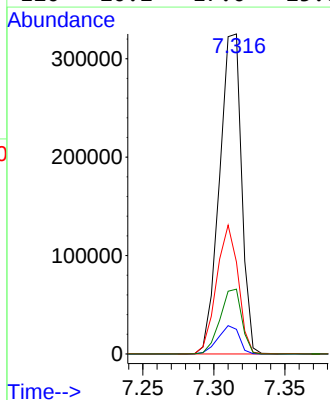
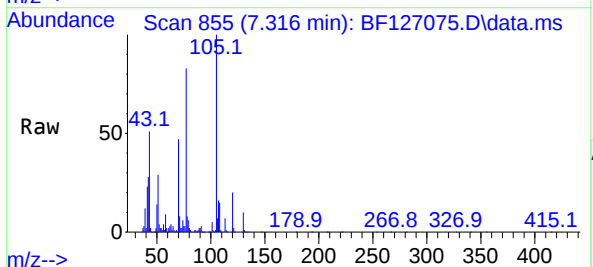
Manual Integrations
APPROVED

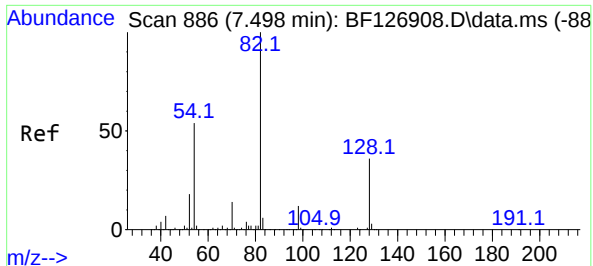
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#22
Acetophenone
Concen: 42.807 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:105 Resp: 351529
Ion Ratio Lower Upper
105 100
71 7.7 5.4 8.0
51 28.8 27.4 41.0
120 20.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 56.929 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

Tgt Ion: 82 Resp: 39337

Ion Ratio Lower Upper

82 100

128 39.2 32.7 49.1

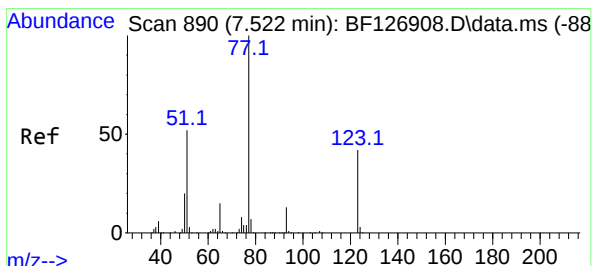
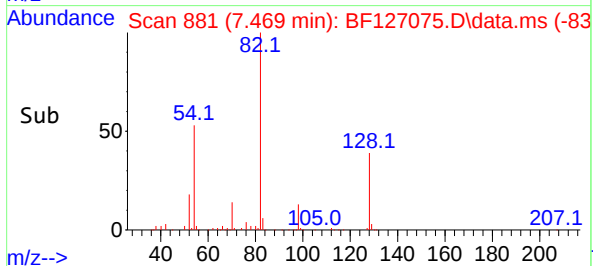
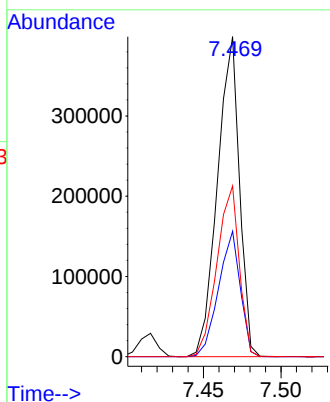
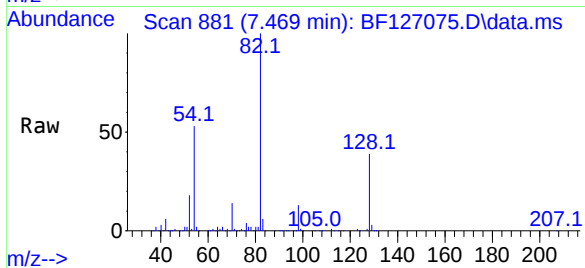
54 53.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022



#24

Nitrobenzene

Concen: 42.985 ng

RT: 7.486 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

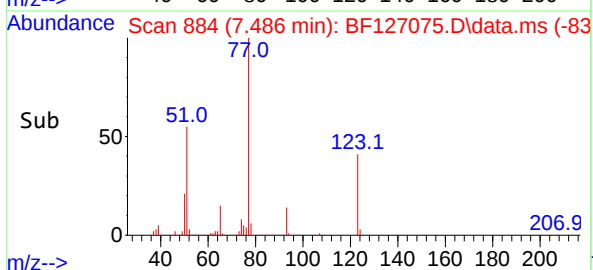
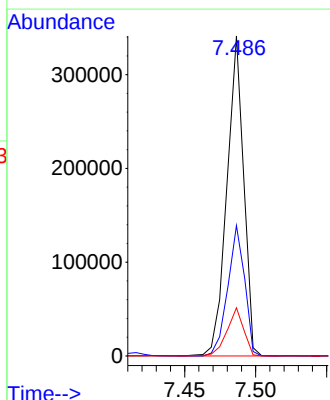
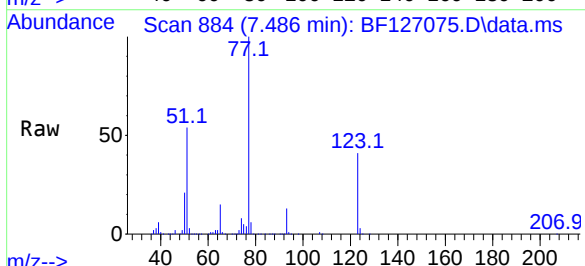
Tgt Ion: 77 Resp: 280587

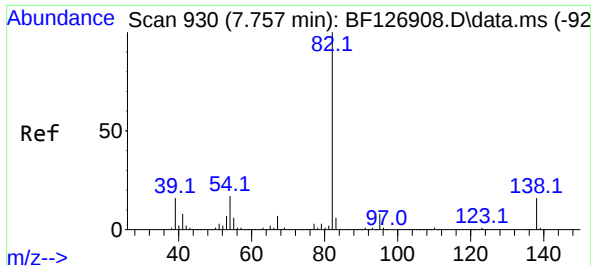
Ion Ratio Lower Upper

77 100

123 40.8 34.6 52.0

65 15.0 10.6 15.8





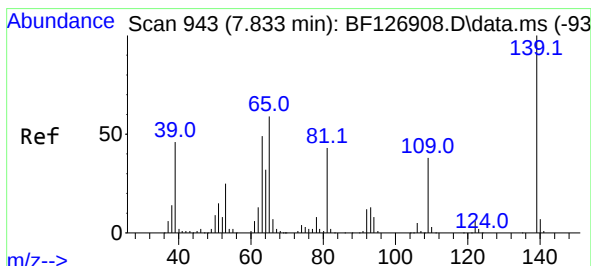
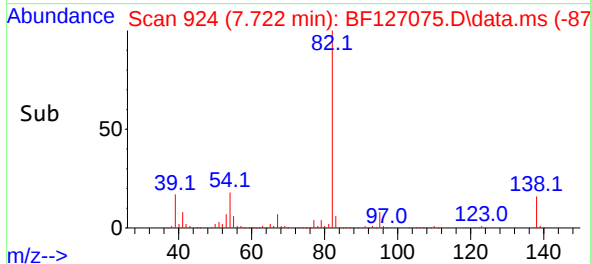
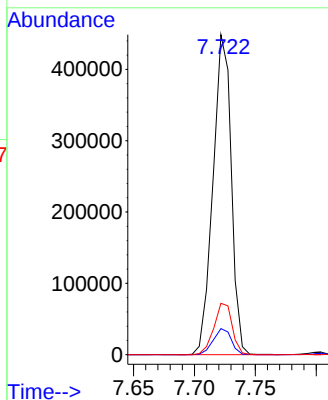
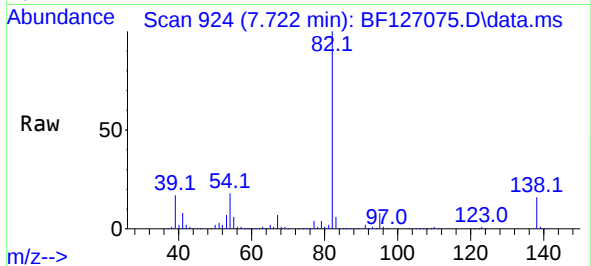
#25
Isophorone
Concen: 41.044 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS

Tgt Ion: 82 Resp: 46930
Ion Ratio Lower Upper
82 100
95 8.2 5.0 7.4
138 16.0 12.3 18.5

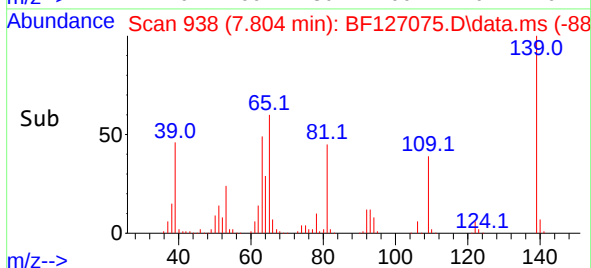
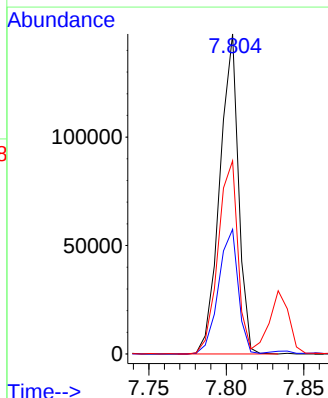
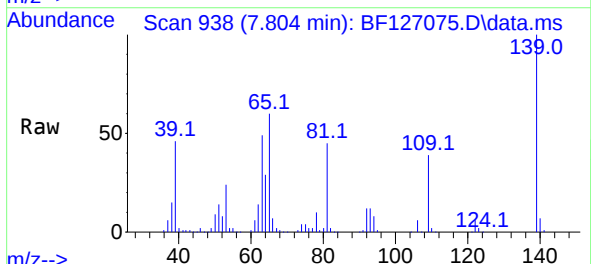
Manual Integrations
APPROVED

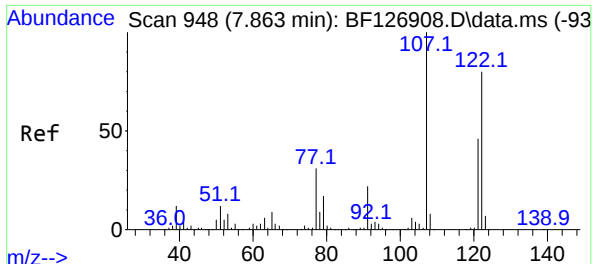
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#26
2-Nitrophenol
Concen: 44.554 ng
RT: 7.804 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

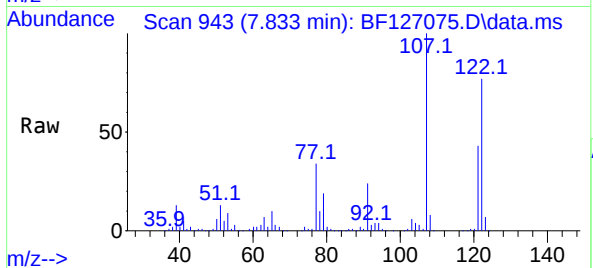
Tgt Ion:139 Resp: 123825
Ion Ratio Lower Upper
139 100
109 38.9 20.0 30.0
65 60.4 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 46.898 ng m
RT: 7.833 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

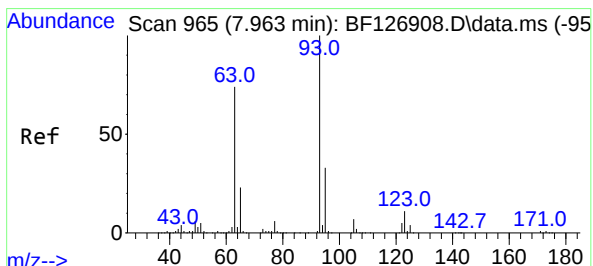
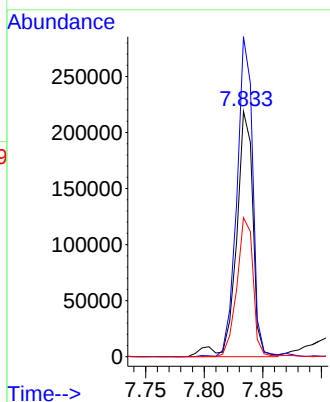
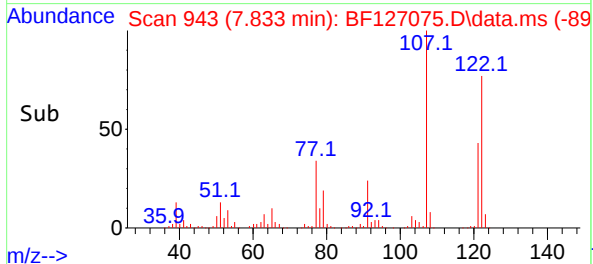
Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS



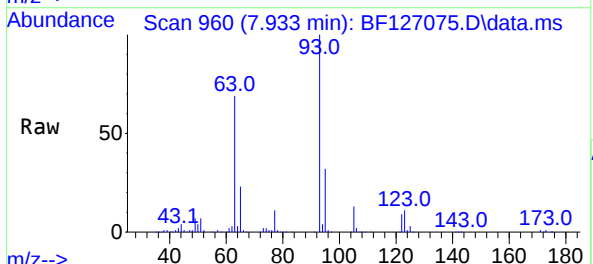
Tgt Ion:122 Resp: 214124
Ion Ratio Lower Upper
122 100
107 130.4 91.2 136.8
121 56.7 44.4 66.6

Manual Integrations
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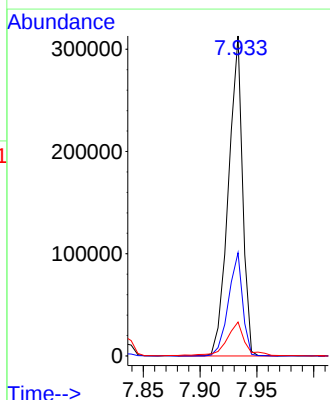
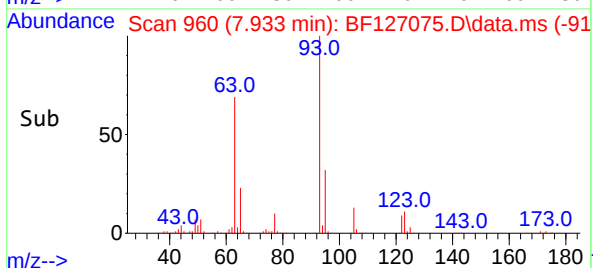
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

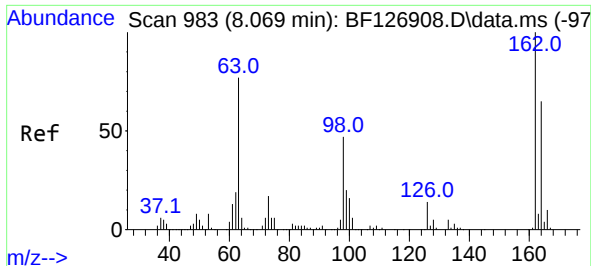


#28
bis(2-Chloroethoxy)methane
Concen: 39.155 ng
RT: 7.933 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion: 93 Resp: 271417
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.2
123 10.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.945 ng

RT: 8.045 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

Tgt Ion:162 Resp: 184340

Ion Ratio Lower Upper

162 100

164 64.8 43.8 83.8

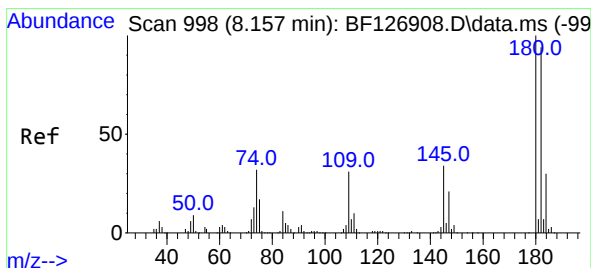
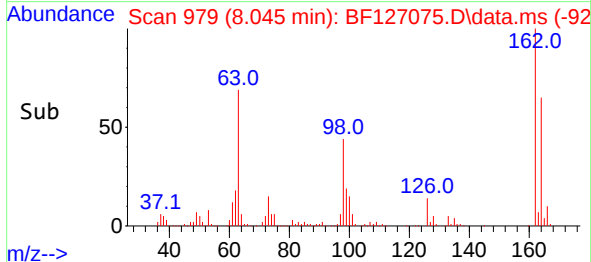
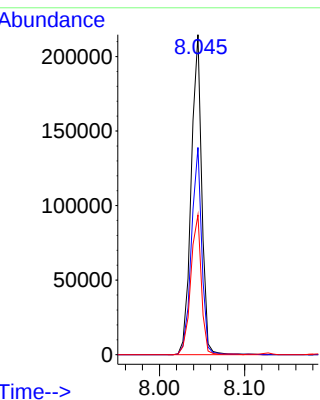
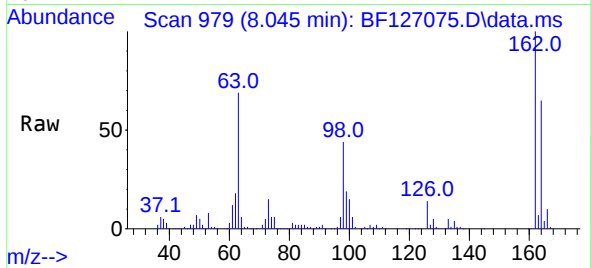
98 43.6 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.664 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

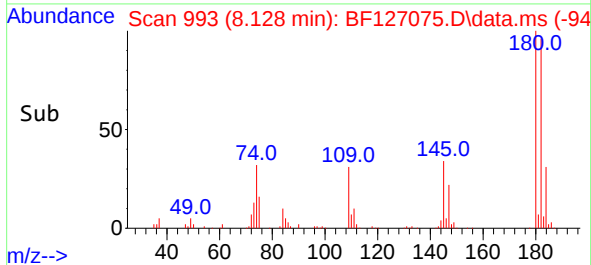
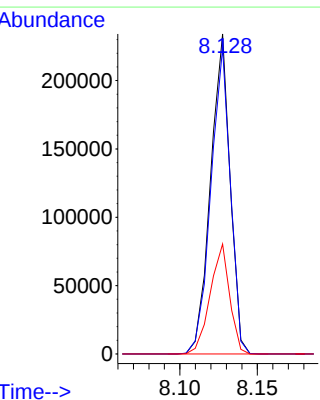
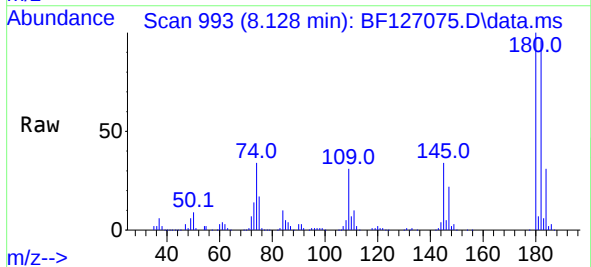
Tgt Ion:180 Resp: 204746

Ion Ratio Lower Upper

180 100

182 95.7 75.5 113.3

145 34.4 26.2 39.2





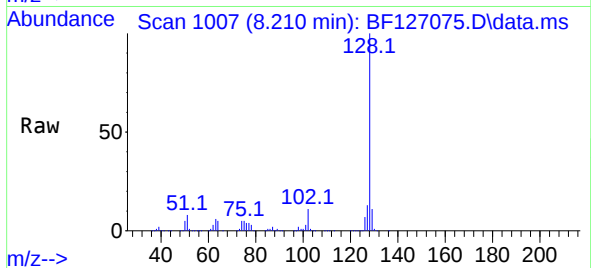
#31
Naphthalene
Concen: 42.631 ng
RT: 8.210 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

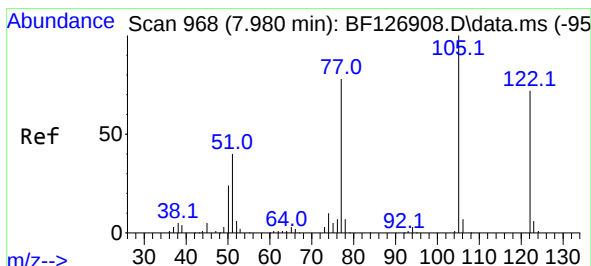
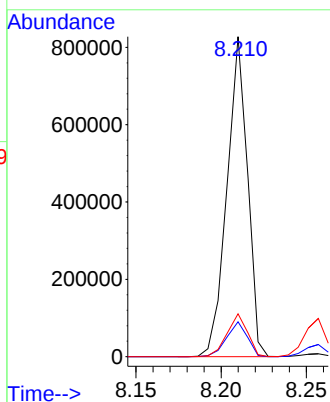
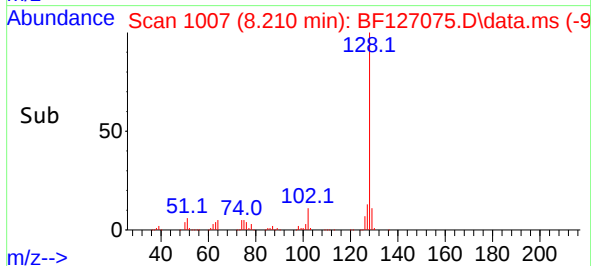


Tgt Ion:128 Resp: 69409
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.3 15.5

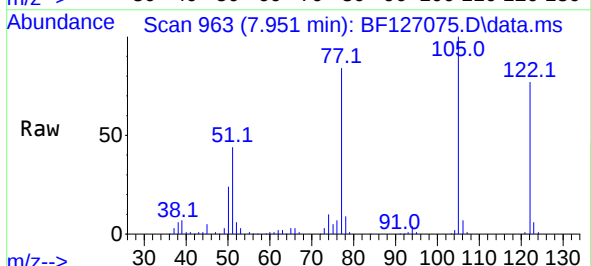
Manual Integrations

APPROVED

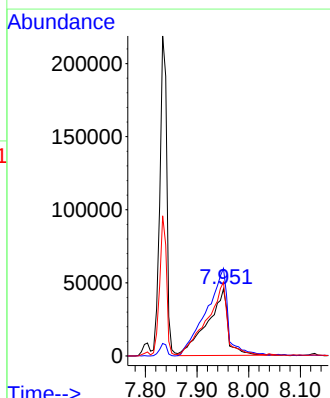
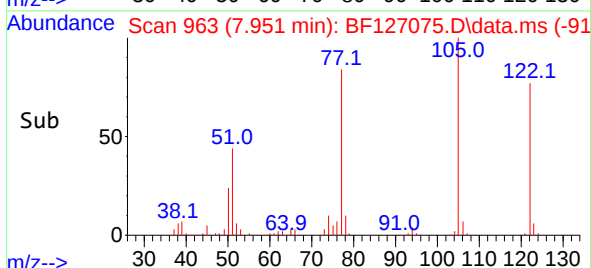
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#32
Benzoic acid
Concen: 39.426 ng
RT: 7.951 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:122 Resp: 127661
Ion Ratio Lower Upper
122 100
105 130.6 101.0 141.0
77 110.0 74.5 114.5





#33
4-Chloroaniline
Concen: 14.754 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

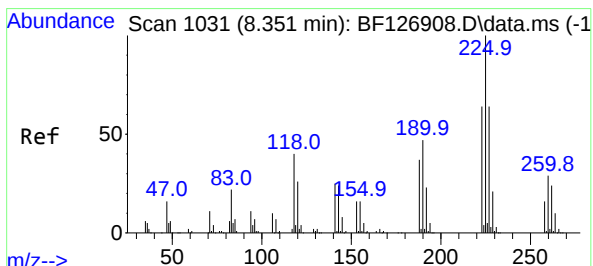
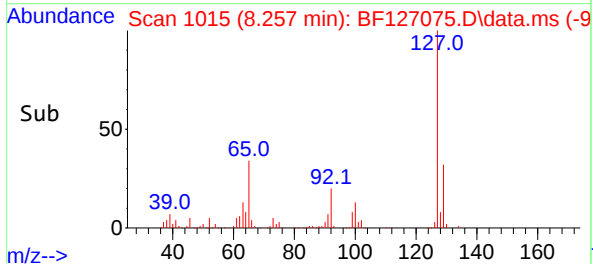
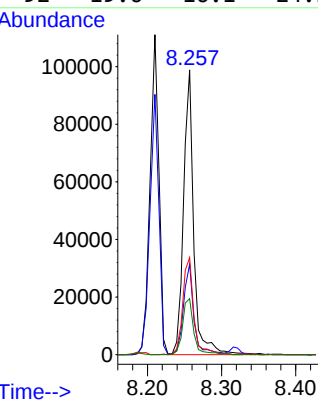
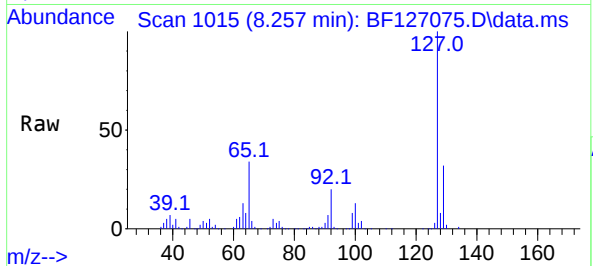
UNK-MIDMS

Tgt Ion:127 Resp: 9455
Ion Ratio Lower Upper
127 100
129 31.8 26.5 39.7
65 34.1 26.6 39.8
92 19.6 16.1 24.1

Manual Integrations

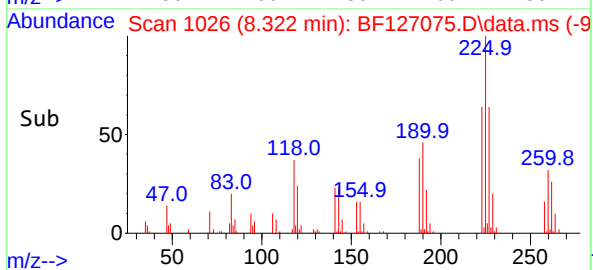
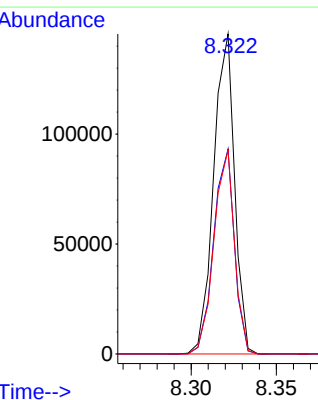
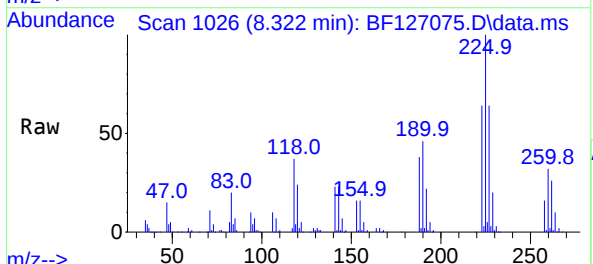
APPROVED

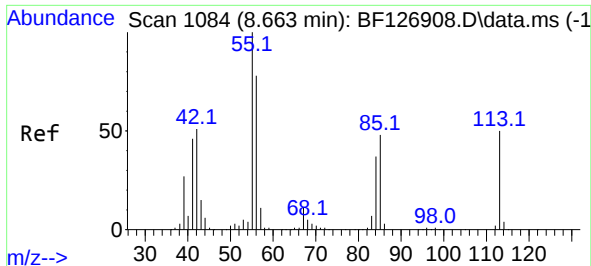
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#34
Hexachlorobutadiene
Concen: 44.399 ng
RT: 8.322 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

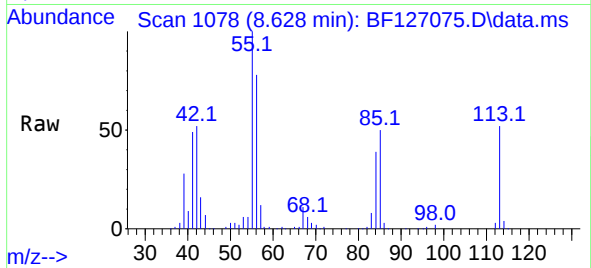
Tgt Ion:225 Resp: 124394
Ion Ratio Lower Upper
225 100
223 64.0 48.6 73.0
227 63.7 51.4 77.0





#35
 Caprolactam
 Concen: 36.985 ng m
 RT: 8.628 min Scan# 1097
 Delta R.T. -0.012 min
 Lab File: BF127075.D
 Acq: 25 Feb 2022 17:15

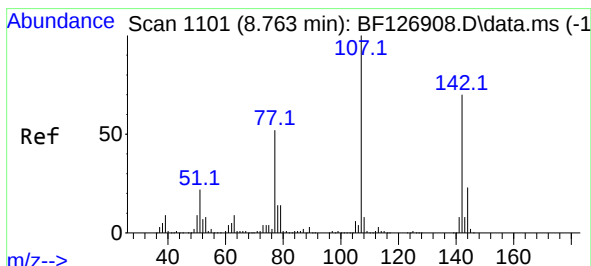
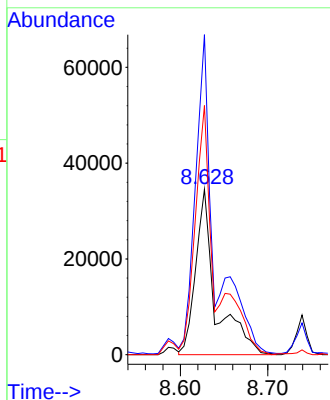
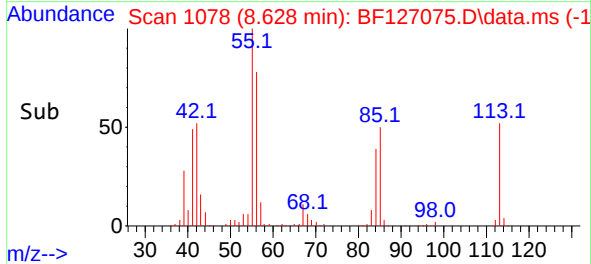
Instrument :
 BNA_F
 ClientSampleId :
 UNK-MIDMS



Tgt Ion:113 Resp: 55440
 Ion Ratio Lower Upper
 113 100
 55 193.4 183.9 223.9
 56 150.6 129.9 169.9

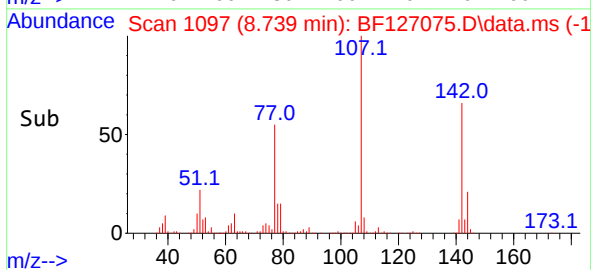
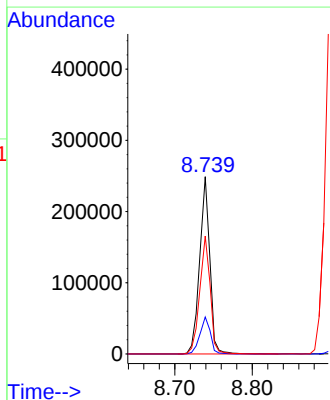
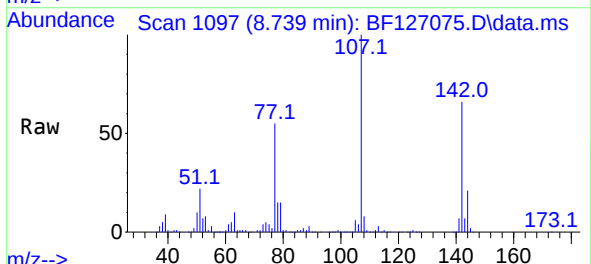
Manual Integrations
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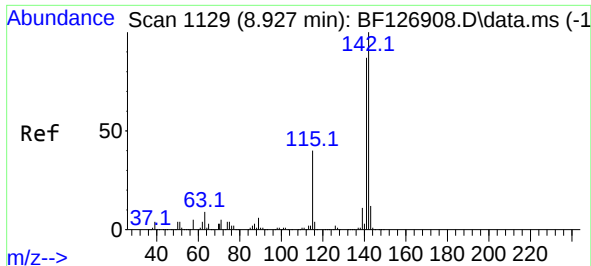
Reviewed By :Christian Giraldo 02/28/2022
 Supervised By :Jagrut Upadhyay 02/28/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.479 ng
 RT: 8.739 min Scan# 1097
 Delta R.T. -0.000 min
 Lab File: BF127075.D
 Acq: 25 Feb 2022 17:15

Tgt Ion:107 Resp: 227554
 Ion Ratio Lower Upper
 107 100
 144 20.8 18.5 27.7
 142 66.5 58.1 87.1





#37
2-Methylnaphthalene
Concen: 42.335 ng
RT: 8.904 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

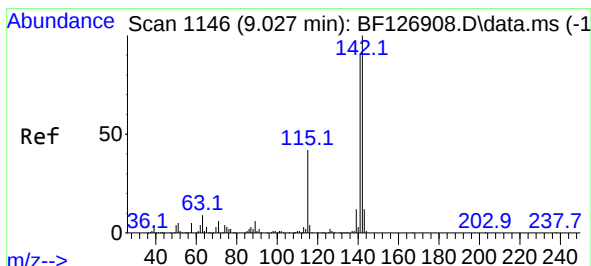
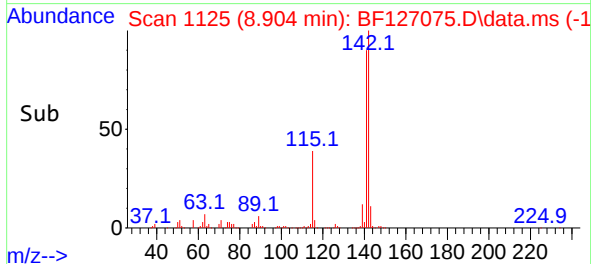
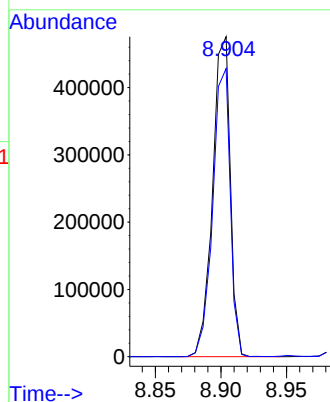
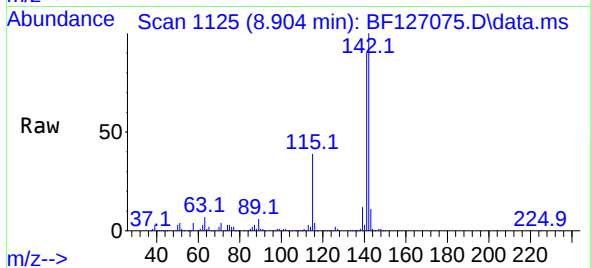
UNK-MIDMS

Tgt Ion:142 Resp: 447250
Ion Ratio Lower Upper
142 100
141 90.1 68.6 102.8

Manual Integrations

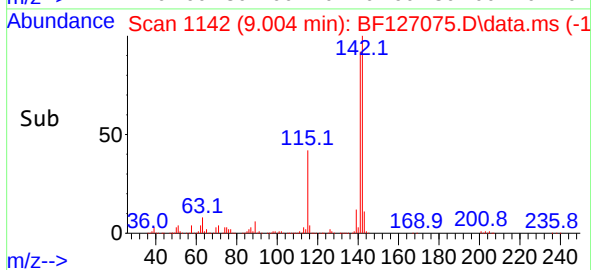
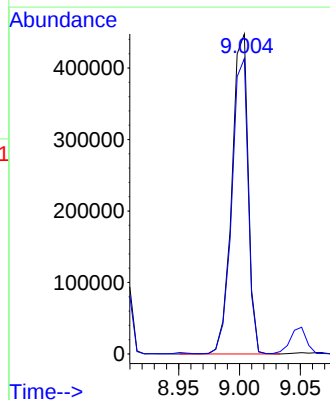
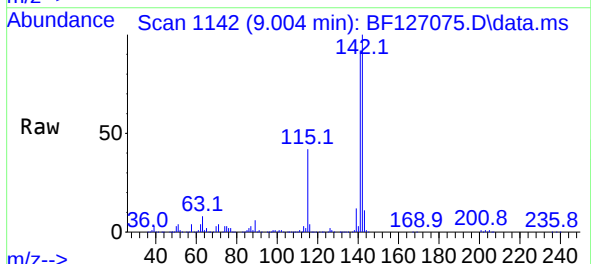
APPROVED

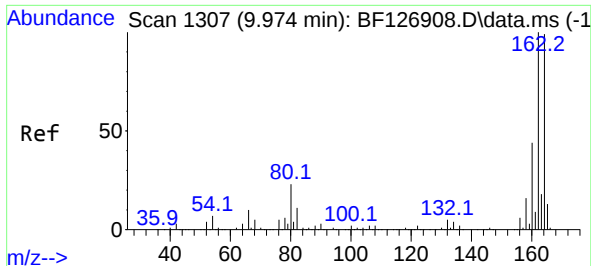
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#38
1-Methylnaphthalene
Concen: 41.436 ng
RT: 9.004 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:142 Resp: 419195
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1





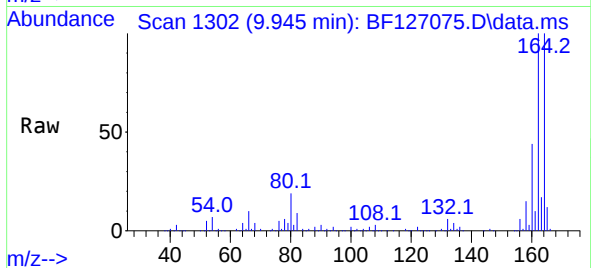
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

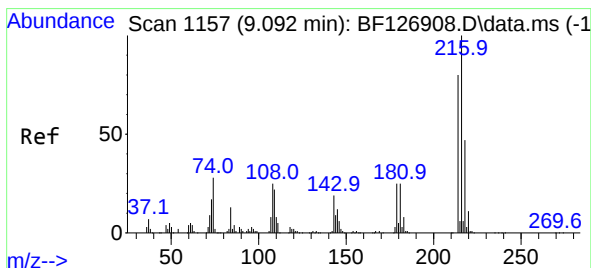
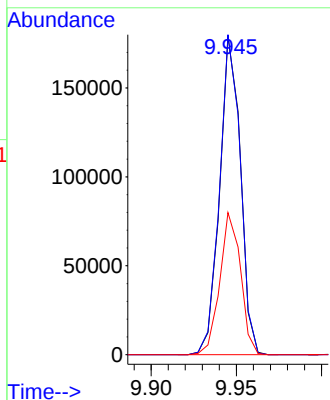
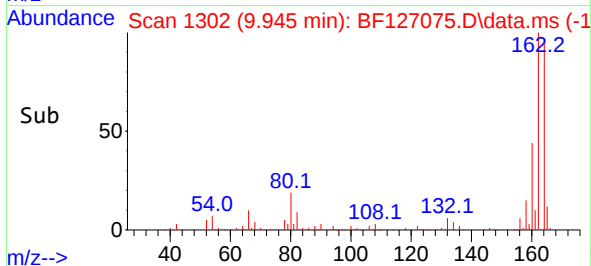


Tgt Ion:164 Resp: 151749
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.6 36.6 54.8

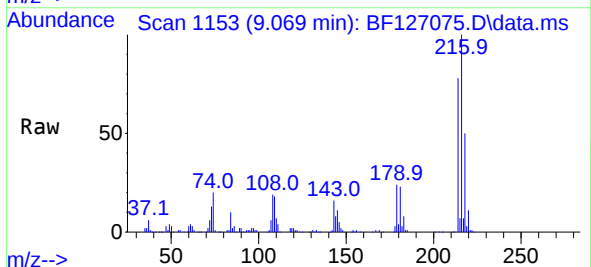
Manual Integrations

APPROVED

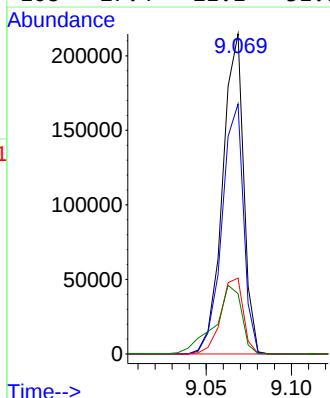
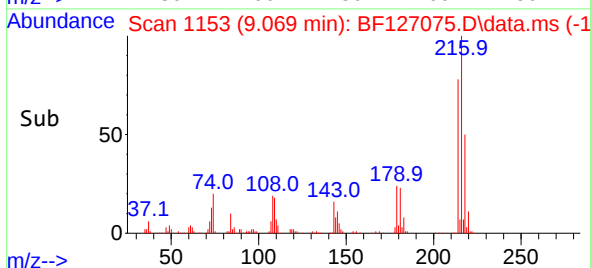
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

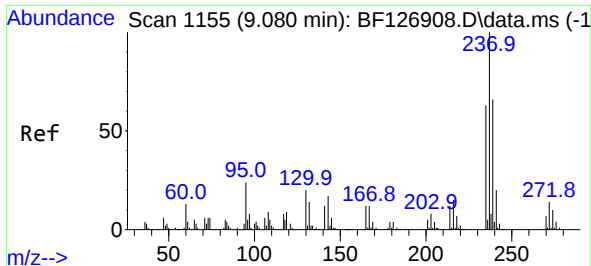


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.204 ng
RT: 9.069 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:216 Resp: 184567
Ion Ratio Lower Upper
216 100
214 79.9 64.6 96.8
179 25.0 19.5 29.3
108 27.4 21.1 31.7





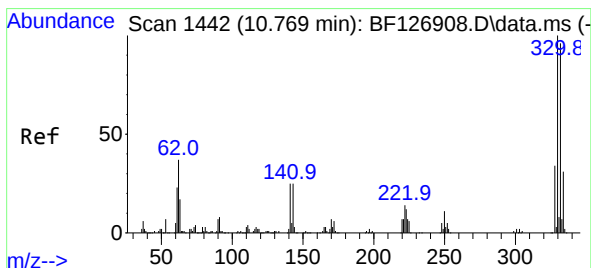
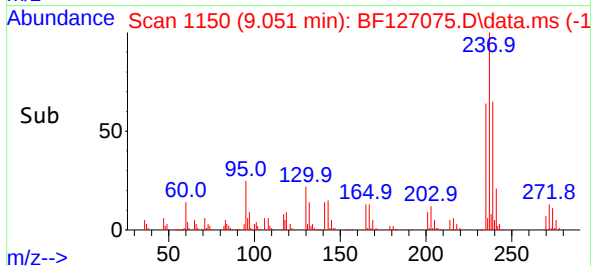
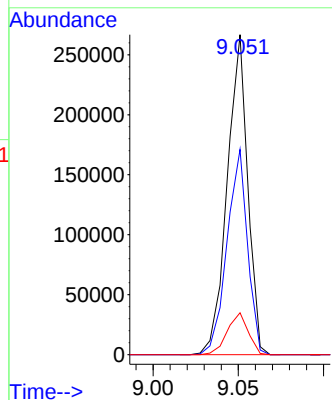
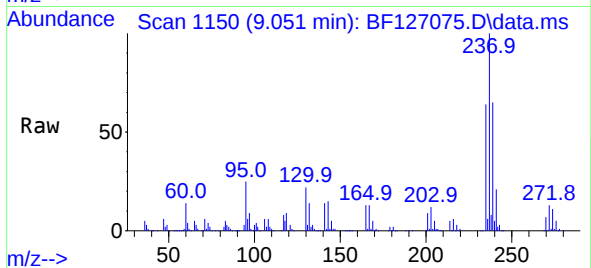
#41
Hexachlorocyclopentadiene
Concen: 103.046 ng
RT: 9.051 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS

Tgt Ion:237 Resp: 223250
Ion Ratio Lower Upper
237 100
235 64.1 38.9 78.9
272 13.1 0.0 33.5

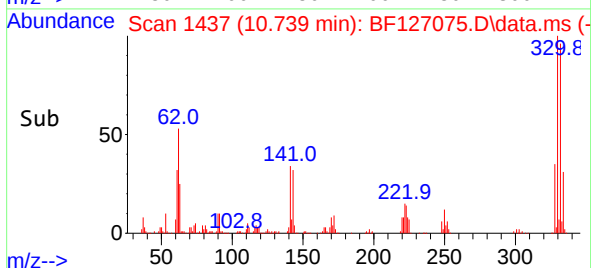
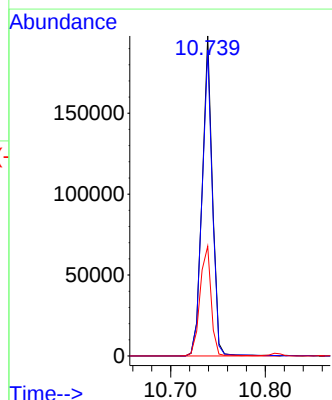
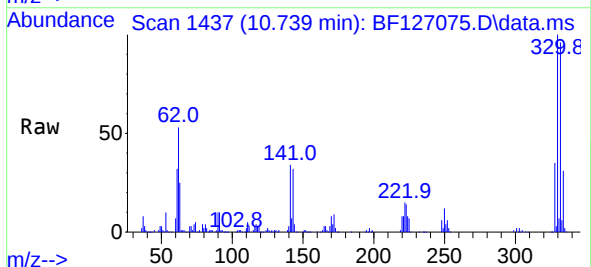
Manual Integrations
APPROVED

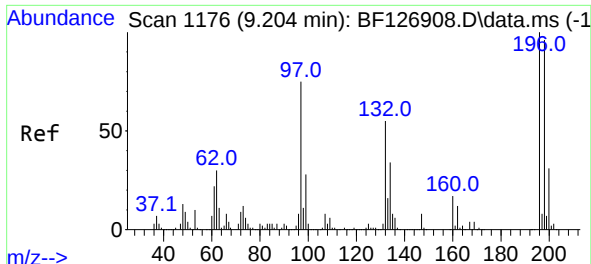
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#42
2,4,6-Tribromophenol
Concen: 84.811 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:330 Resp: 148180
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 37.5 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 42.016 ng

RT: 9.180 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

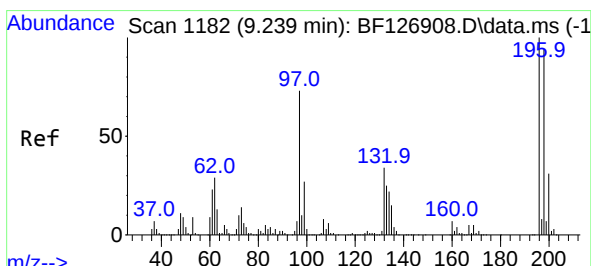
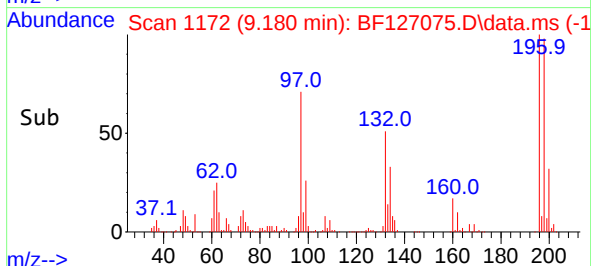
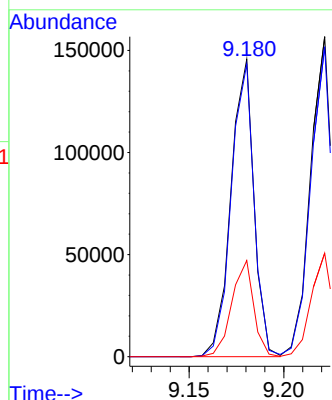
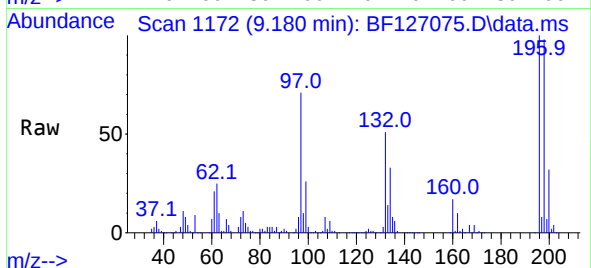
UNK-MIDMS

Tgt Ion:196 Resp: 123097
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.5 117.7
 200 32.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022
 Supervised By :Jagrut Upadhyay 02/28/2022



#44

2,4,5-Trichlorophenol

Concen: 42.106 ng

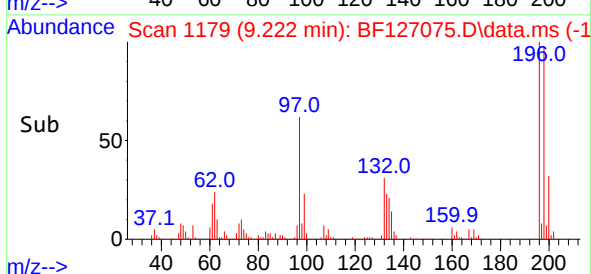
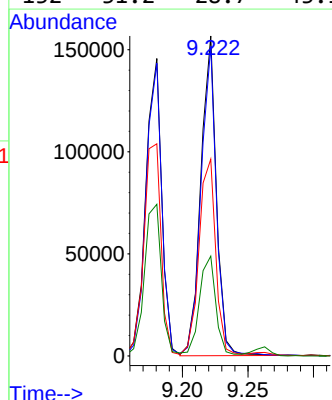
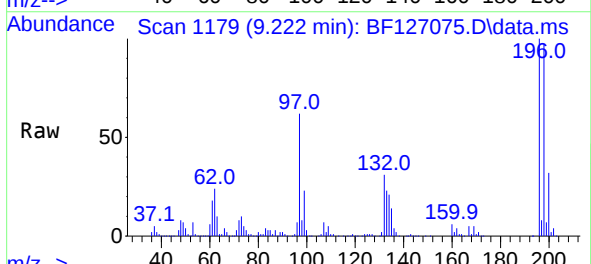
RT: 9.222 min Scan# 1179

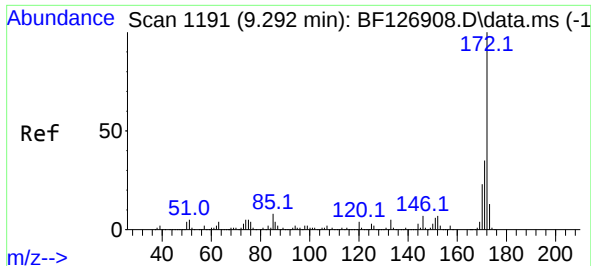
Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Tgt Ion:196 Resp: 129814
 Ion Ratio Lower Upper
 196 100
 198 96.9 82.0 123.0
 97 61.5 53.5 80.3
 132 31.2 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 57.649 ng
RT: 9.263 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

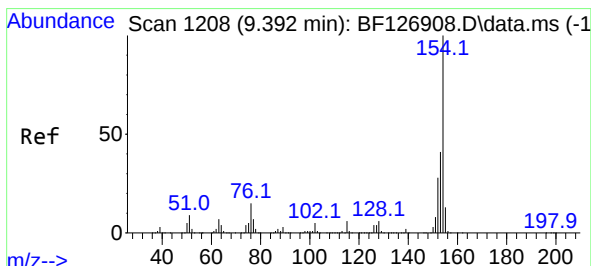
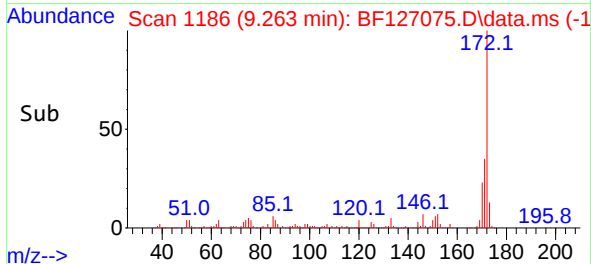
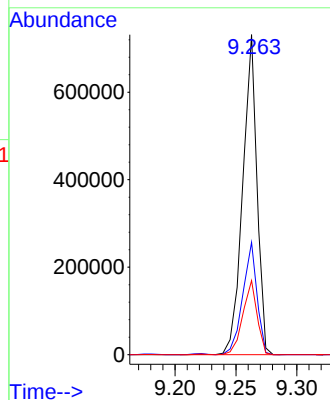
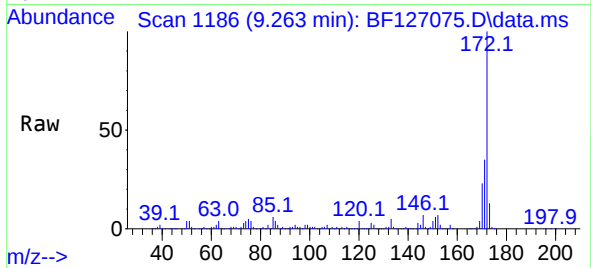
UNK-MIDMS

Tgt Ion:172 Resp: 59424
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.6

Manual Integrations

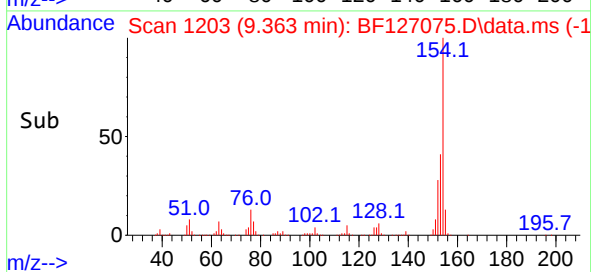
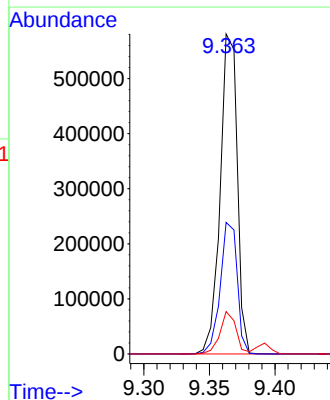
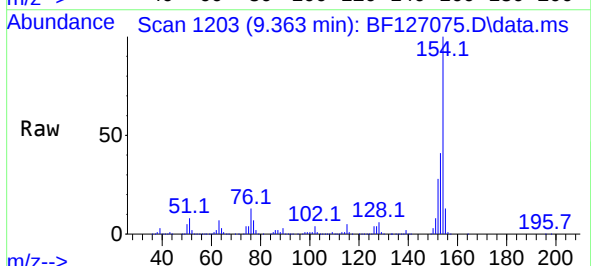
APPROVED

Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#46
1,1'-Biphenyl
Concen: 43.638 ng
RT: 9.363 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:154 Resp: 524648
Ion Ratio Lower Upper
154 100
153 41.1 19.0 59.0
76 13.2 0.0 34.5





#47
2-Chloronaphthalene
Concen: 43.534 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

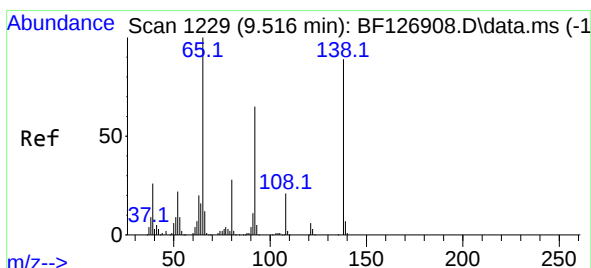
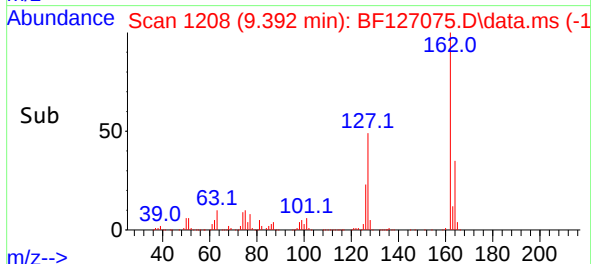
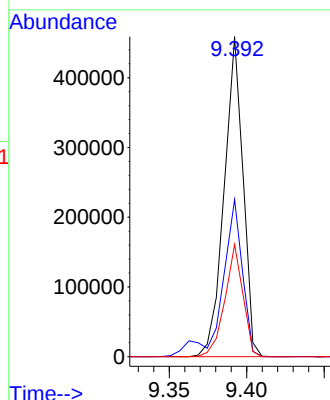
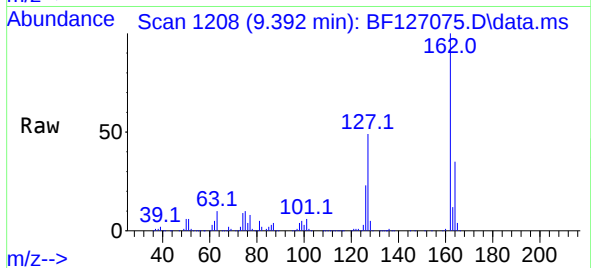
UNK-MIDMS

Tgt Ion:162 Resp: 388138
Ion Ratio Lower Upper
162 100
127 49.1 33.5 50.3
164 35.1 26.2 39.4

Manual Integrations

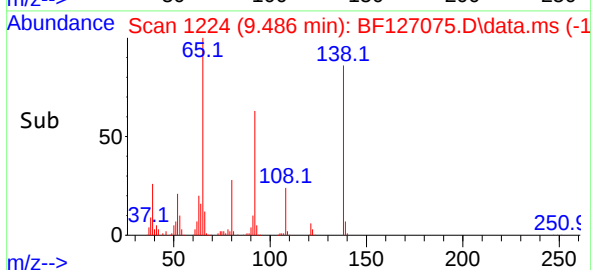
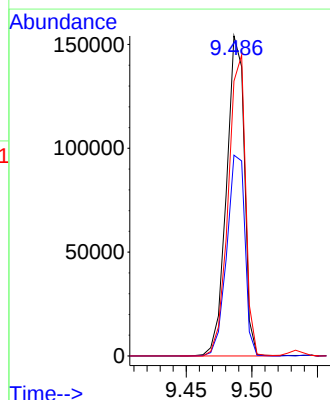
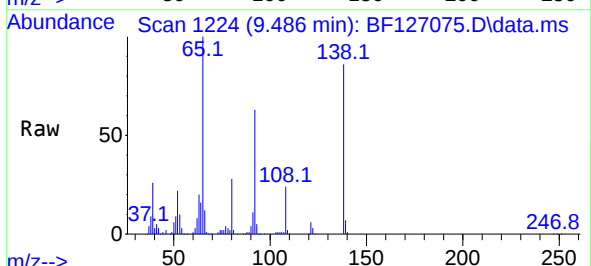
APPROVED

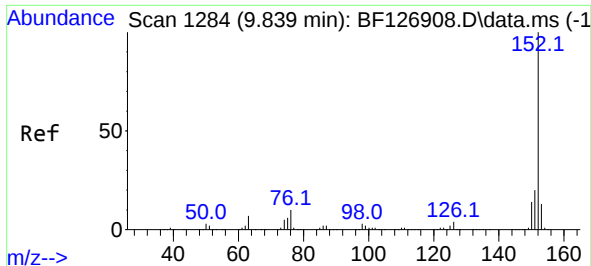
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#48
2-Nitroaniline
Concen: 41.511 ng
RT: 9.486 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion: 65 Resp: 146045
Ion Ratio Lower Upper
65 100
92 62.7 54.4 81.6
138 85.9 72.5 108.7





#49

Acenaphthylene

Concen: 44.331 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

Tgt Ion:152 Resp: 642020

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

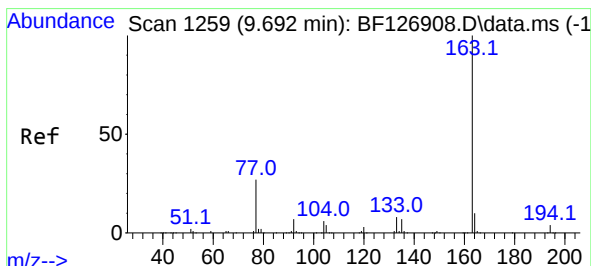
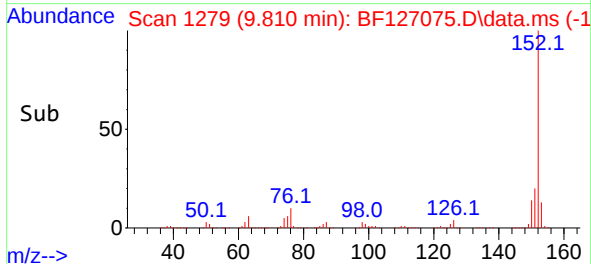
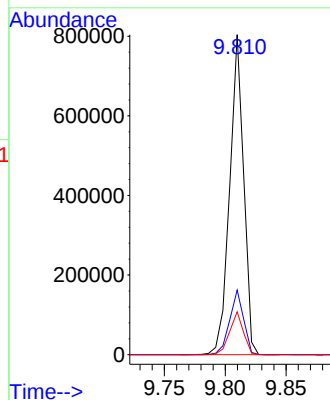
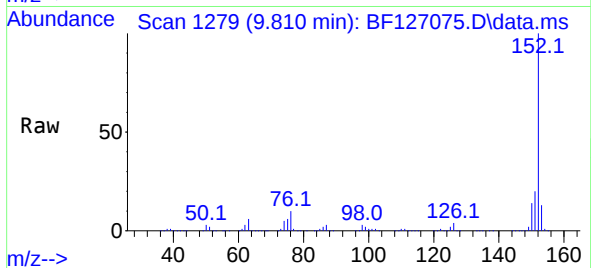
153 13.4 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022



#50

Dimethylphthalate

Concen: 40.251 ng

RT: 9.663 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

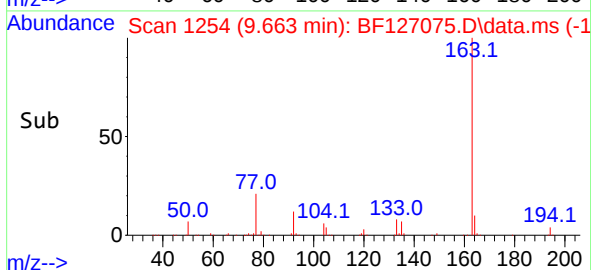
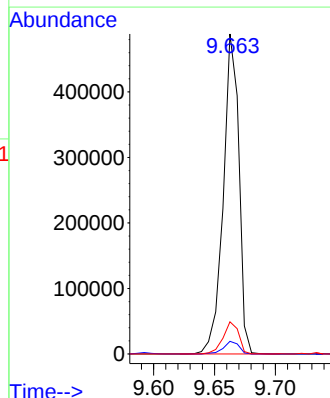
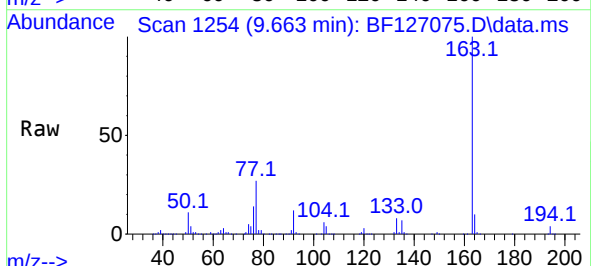
Tgt Ion:163 Resp: 436596

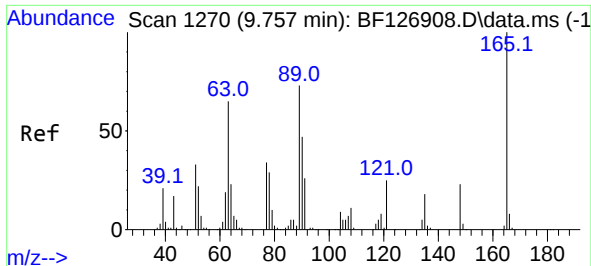
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 10.1 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 42.910 ng
RT: 9.727 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

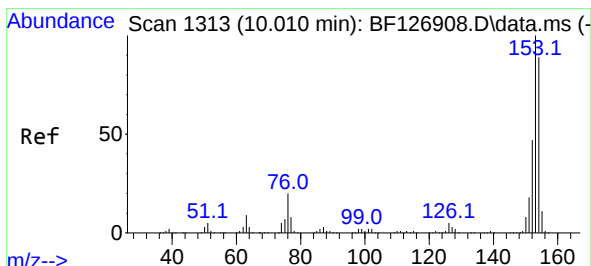
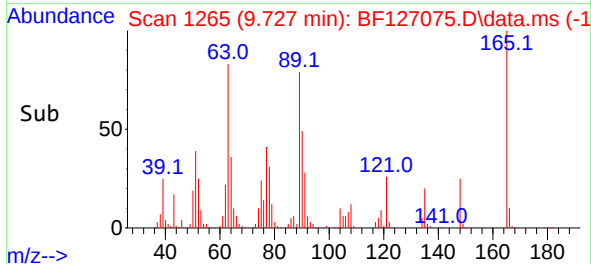
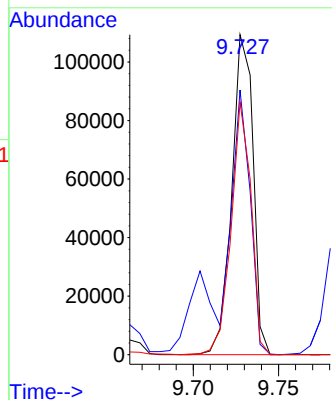
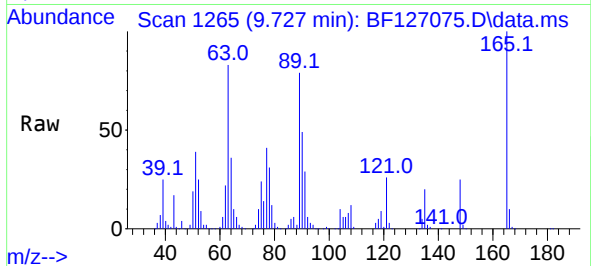
UNK-MIDMS

Tgt Ion:165 Resp: 94698
Ion Ratio Lower Upper
165 100
63 82.7 48.4 72.6
89 79.0 50.5 75.7

Manual Integrations

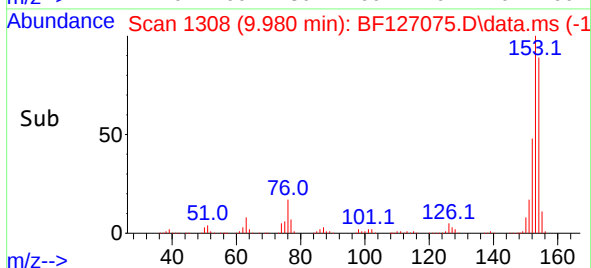
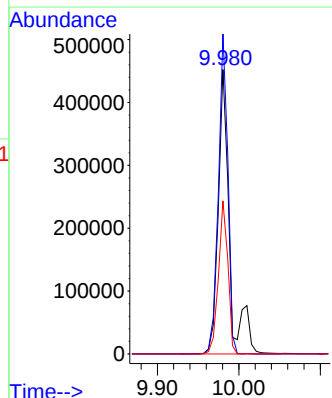
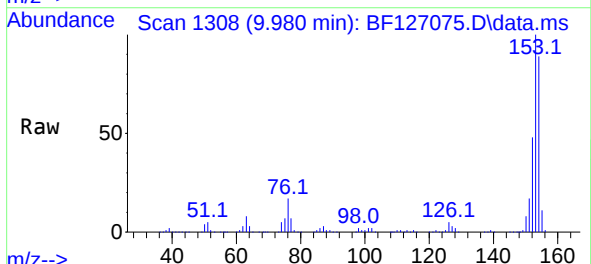
APPROVED

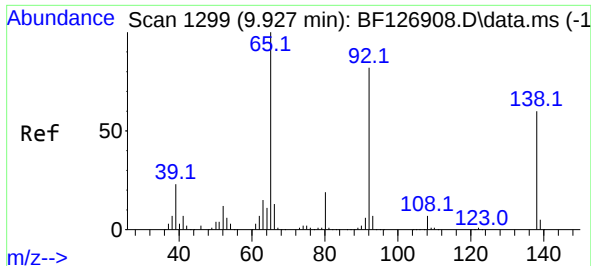
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#52
Acenaphthene
Concen: 46.035 ng m
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:154 Resp: 433584
Ion Ratio Lower Upper
154 100
153 112.5 87.8 131.6
152 53.8 39.4 59.2





#53
3-Nitroaniline
Concen: 18.763 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

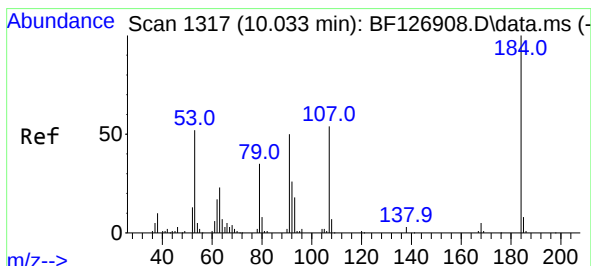
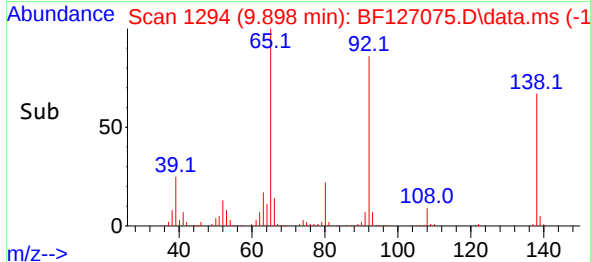
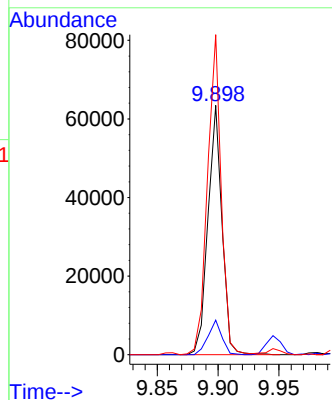
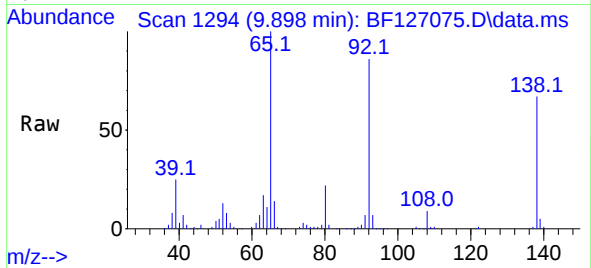
ClientSampleId :

UNK-MIDMS

Tgt Ion:138 Resp: 50610
Ion Ratio Lower Upper
138 100
108 13.9 8.6 13.0
92 128.4 105.0 157.6

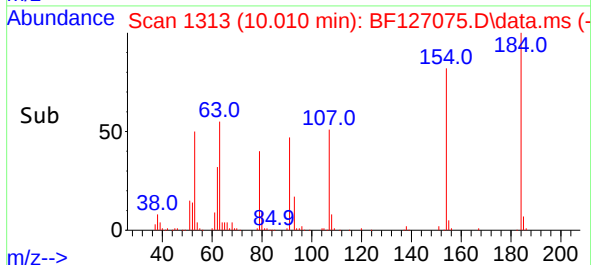
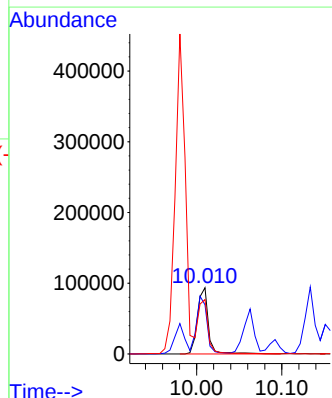
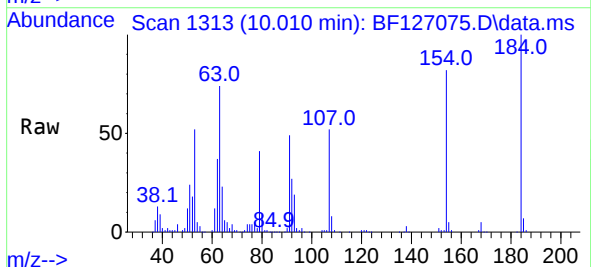
Manual Integrations
APPROVED

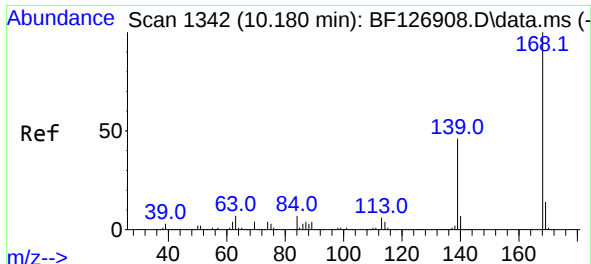
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#54
2,4-Dinitrophenol
Concen: 71.609 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:184 Resp: 83644
Ion Ratio Lower Upper
184 100
63 74.3 70.4 105.6
154 82.1 49.7 74.5





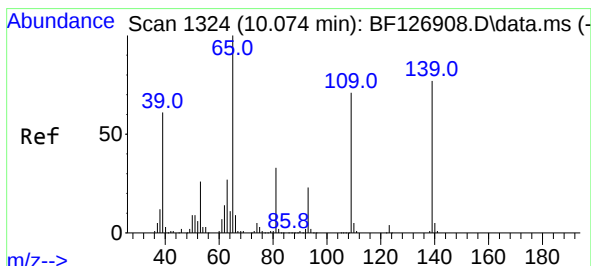
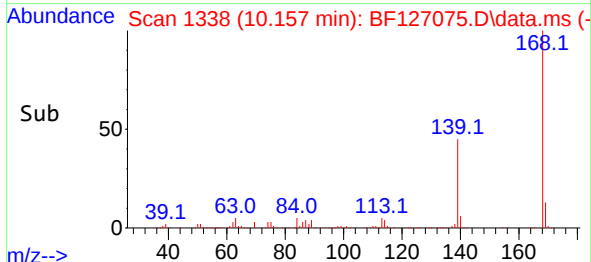
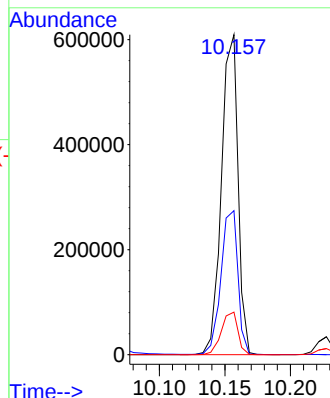
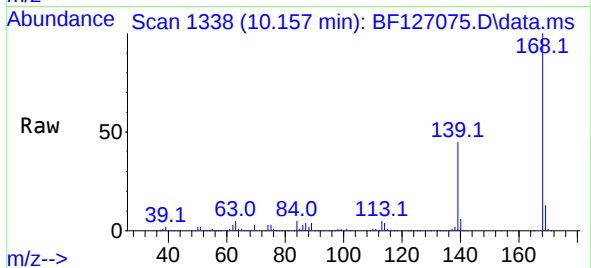
#55
Dibenzenofuran
Concen: 41.254 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS

Tgt Ion:168 Resp: 53428
Ion Ratio Lower Upper
168 100
139 45.0 30.6 46.0
169 13.3 10.0 15.0

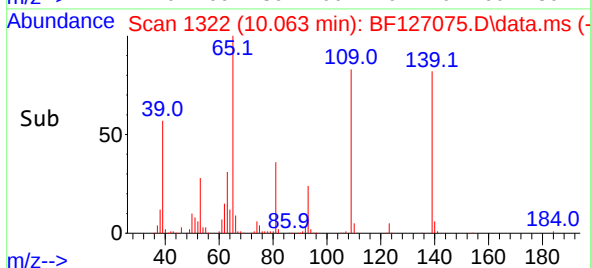
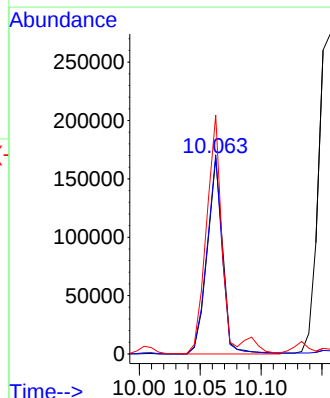
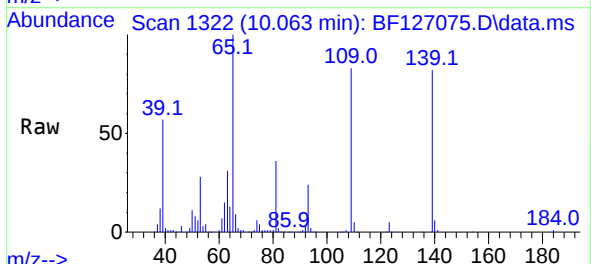
Manual Integrations
APPROVED

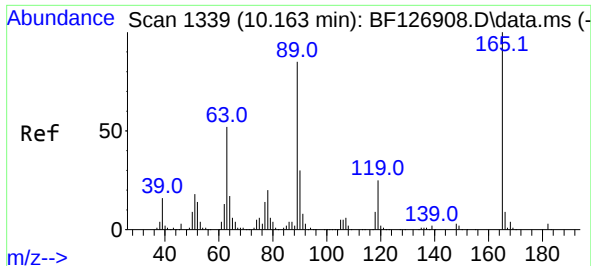
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#56
4-Nitrophenol
Concen: 74.545 ng
RT: 10.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:139 Resp: 148522
Ion Ratio Lower Upper
139 100
109 101.5 44.1 84.1#
65 121.8 85.5 125.5





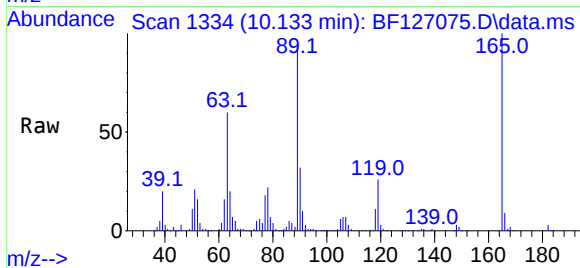
#57
2,4-Dinitrotoluene
Concen: 41.985 ng
RT: 10.133 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

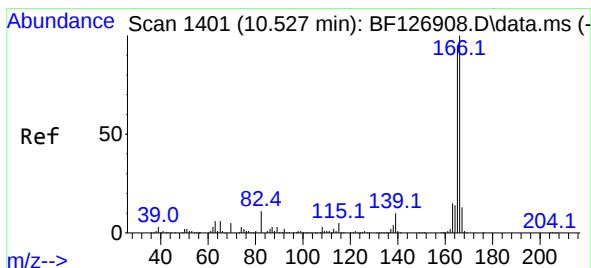
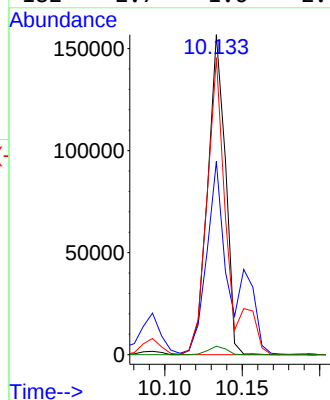


Tgt Ion:165 Resp: 125279
Ion Ratio Lower Upper
165 100
63 60.4 43.0 64.6
89 92.8 71.0 106.4
182 2.7 1.6 2.4#

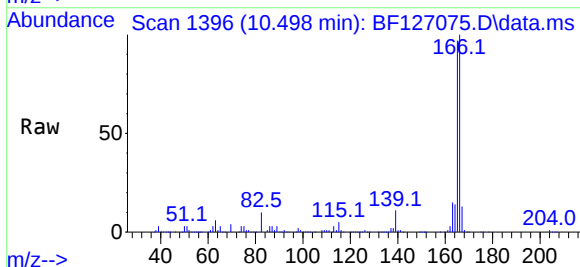
Manual Integrations

APPROVED

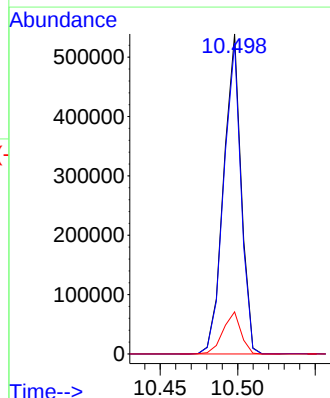
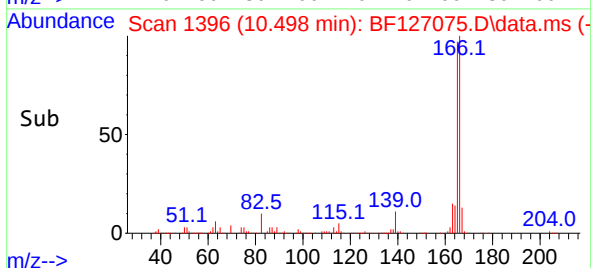
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

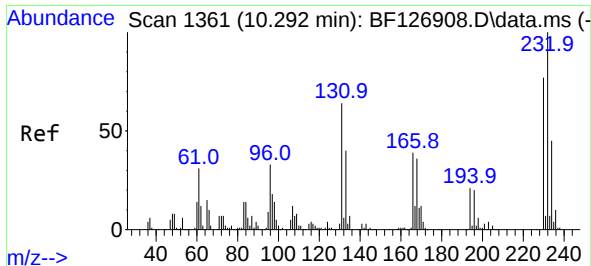


#58
Fluorene
Concen: 41.958 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:166 Resp: 423279
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.369 ng
RT: 10.269 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

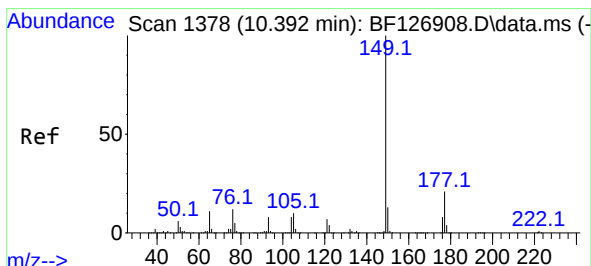
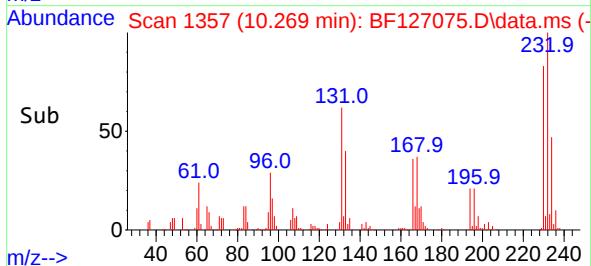
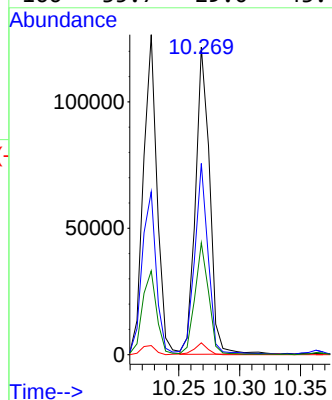
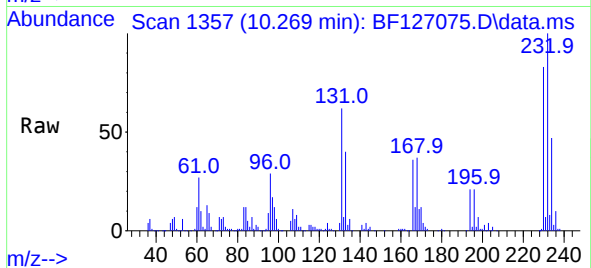
UNK-MIDMS

Tgt Ion:232 Resp: 98668
Ion Ratio Lower Upper
232 100
131 59.3 50.0 75.0
130 3.6 2.2 3.2
166 35.7 29.0 43.4

Manual Integrations

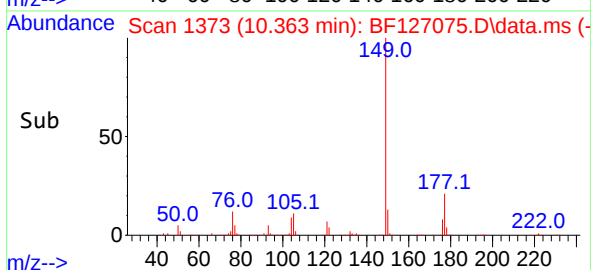
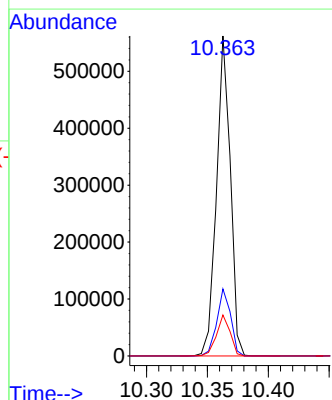
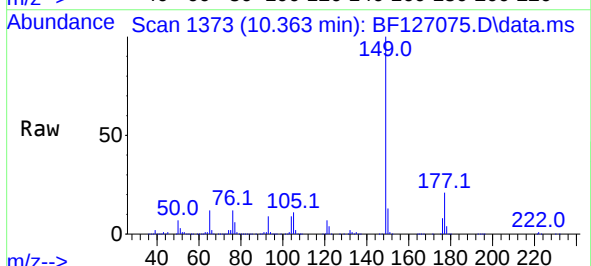
APPROVED

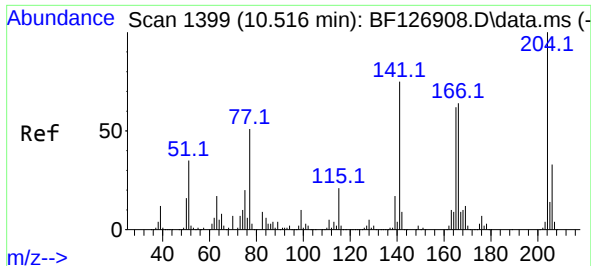
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#60
Diethylphthalate
Concen: 39.174 ng
RT: 10.363 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:149 Resp: 443994
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.8 9.8 14.8





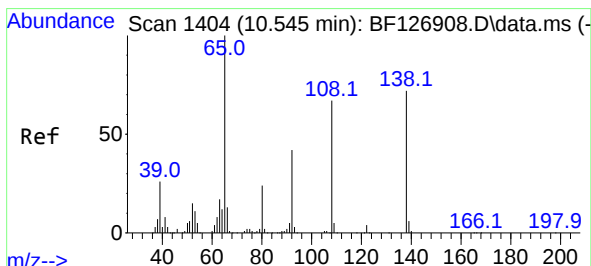
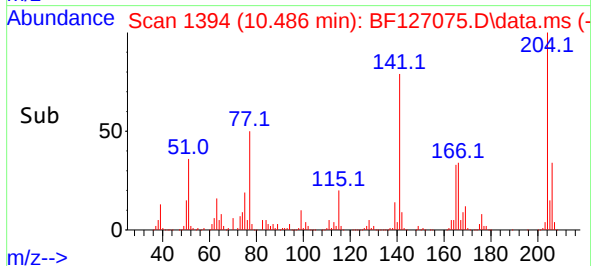
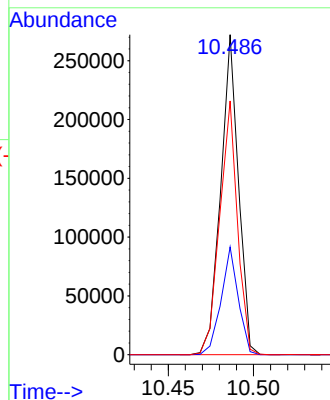
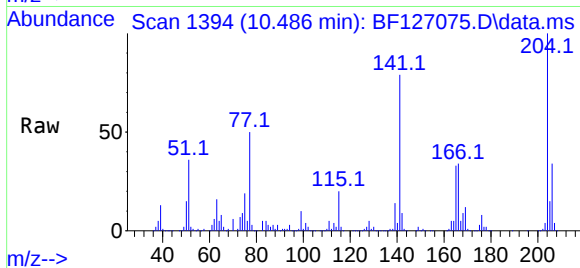
#61
4-Chlorophenyl-phenylether
Concen: 41.565 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS

Tgt Ion:204 Resp: 19772
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 79.3 59.0 88.6

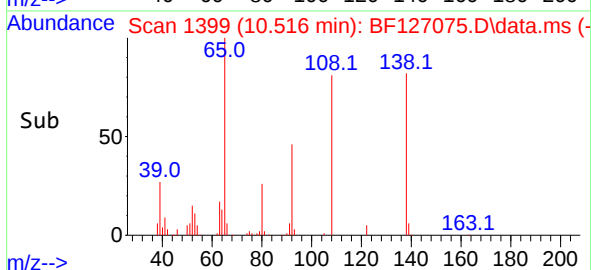
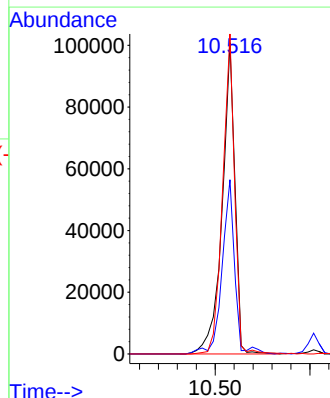
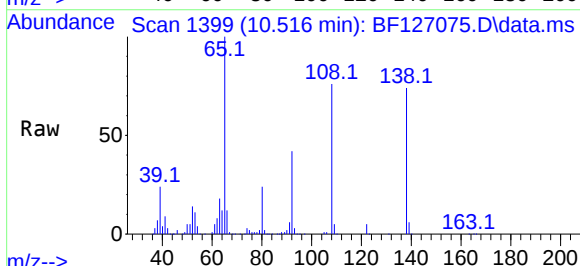
Manual Integrations
APPROVED

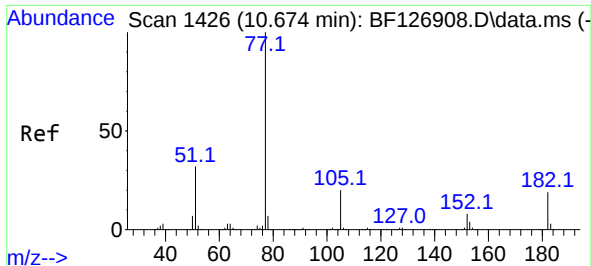
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#62
4-Nitroaniline
Concen: 35.557 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:138 Resp: 94717
Ion Ratio Lower Upper
138 100
92 55.9 36.2 76.2
108 102.8 46.7 86.7#





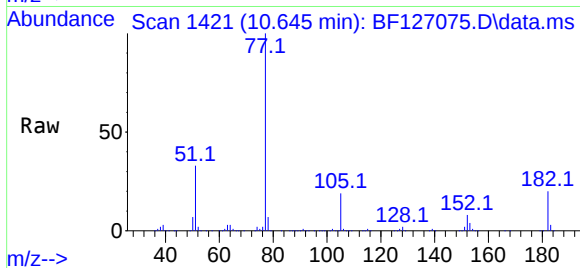
#63
Azobenzene
Concen: 38.063 ng
RT: 10.645 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

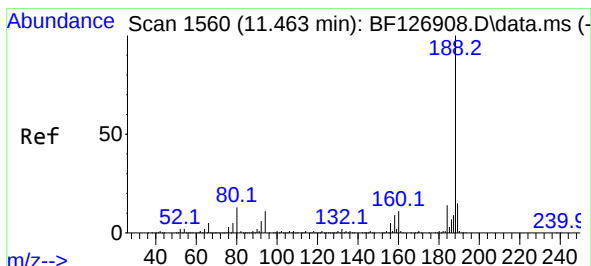
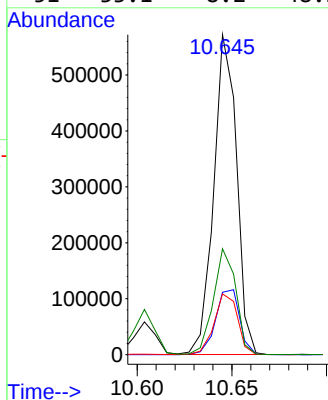
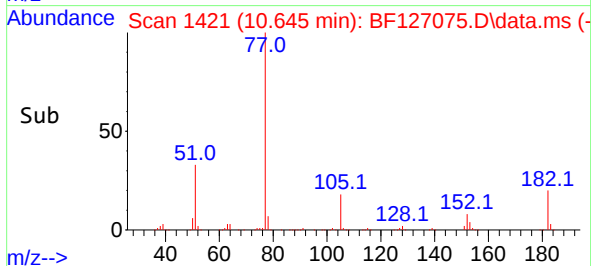


Tgt Ion: 77 Resp: 480370
Ion Ratio Lower Upper
77 100
182 19.5 0.0 39.0
105 19.0 3.2 43.2
51 33.1 8.2 48.2

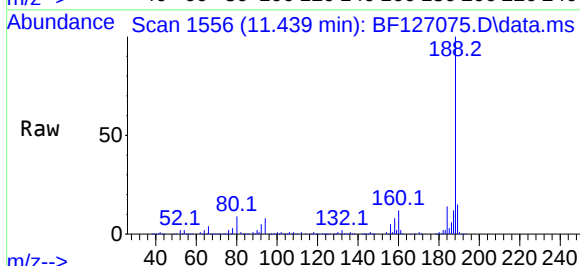
Manual Integrations

APPROVED

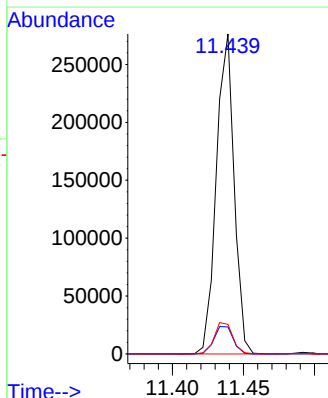
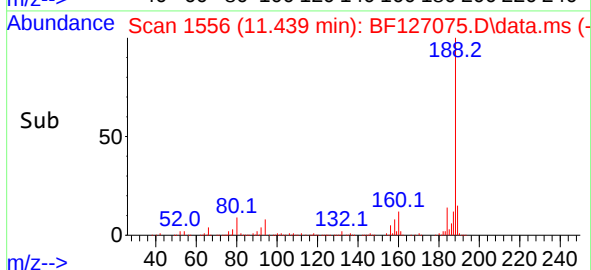
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

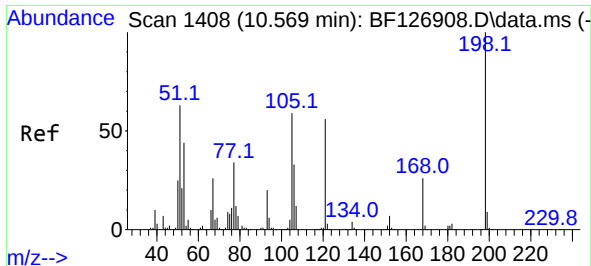


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:188 Resp: 240339
Ion Ratio Lower Upper
188 100
94 8.5 10.1 15.1#
80 9.3 11.8 17.6#





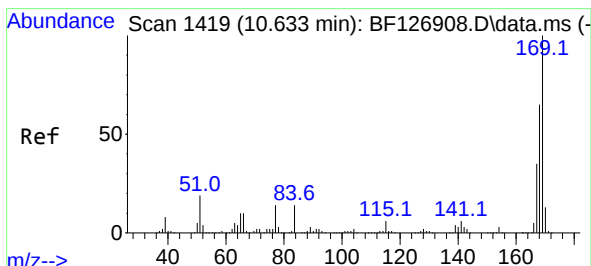
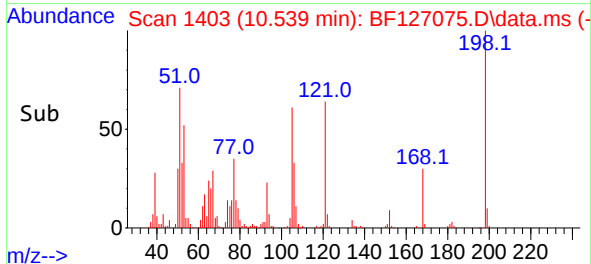
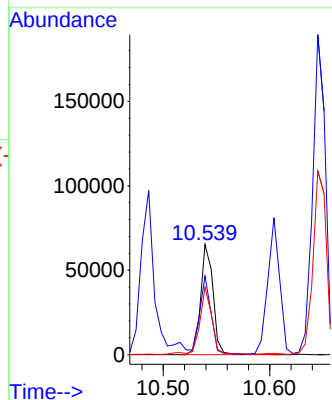
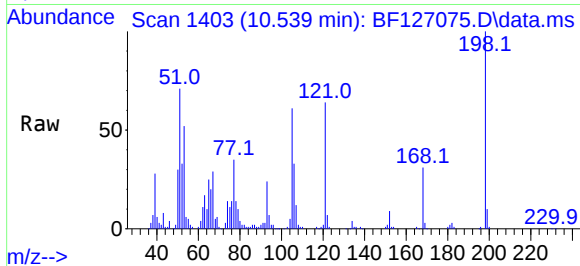
#65
4,6-Dinitro-2-methylphenol
Concen: 37.626 ng
RT: 10.539 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS

Tgt Ion:198 Resp: 5313
Ion Ratio Lower Upper
198 100
51 71.3 32.0 72.0
105 61.2 32.7 72.7

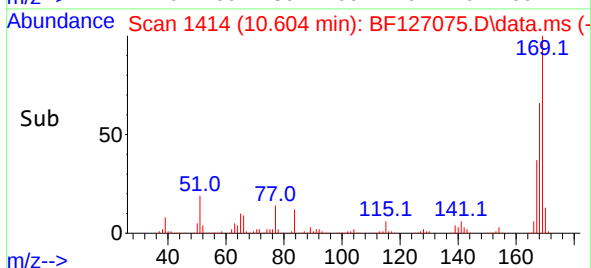
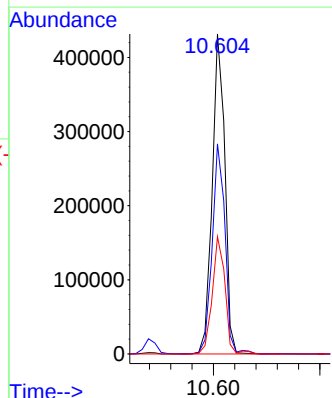
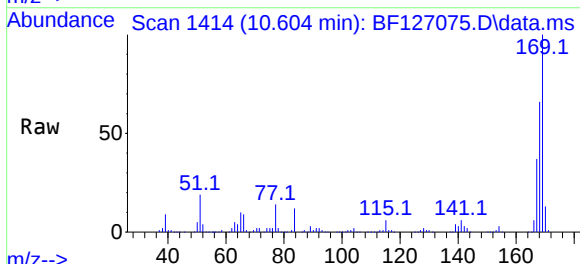
Manual Integrations
APPROVED

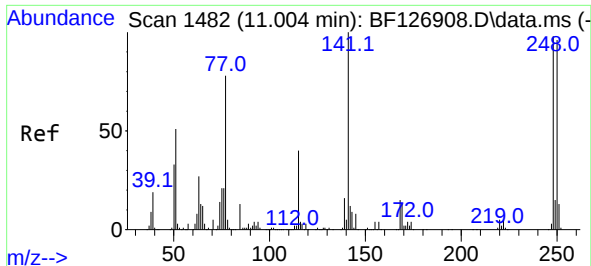
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#66
n-Nitrosodiphenylamine
Concen: 44.920 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:169 Resp: 354011
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.0
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.254 ng
RT: 10.980 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

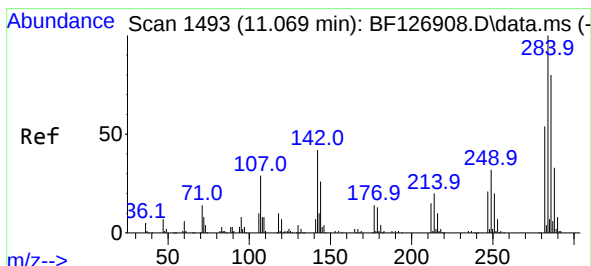
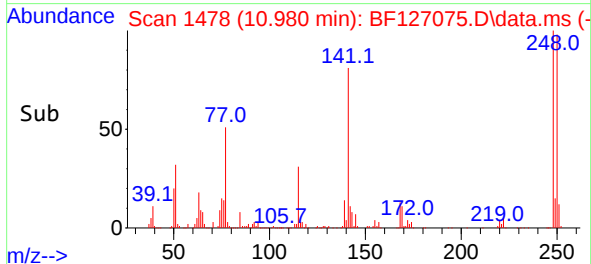
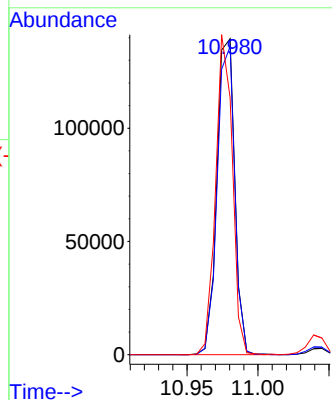
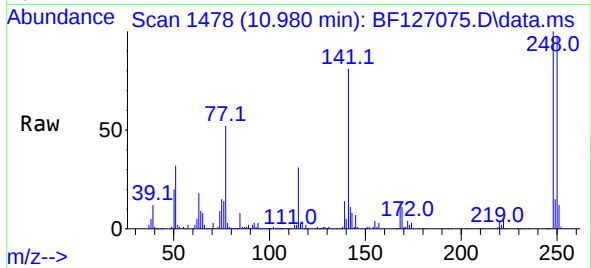
UNK-MIDMS

Tgt Ion:248 Resp: 12152
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.4
141 81.2 66.2 99.4

Manual Integrations

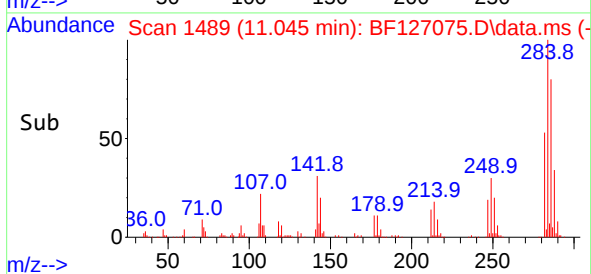
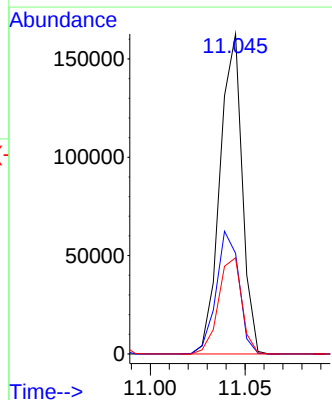
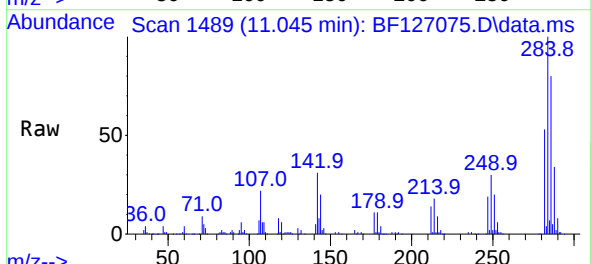
APPROVED

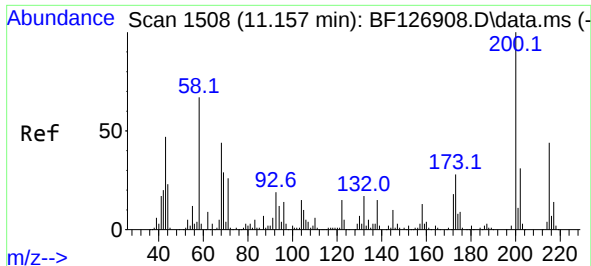
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#68
Hexachlorobenzene
Concen: 45.932 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

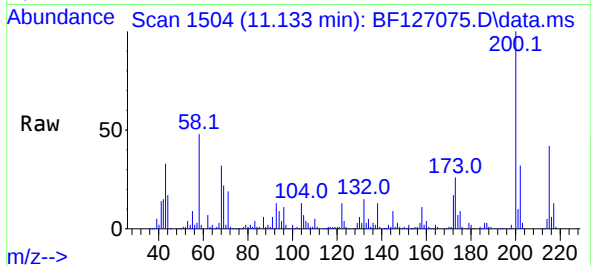
Tgt Ion:284 Resp: 132781
Ion Ratio Lower Upper
284 100
142 31.5 30.7 46.1
249 30.0 21.1 31.7





#69
Atrazine
Concen: 45.026 ng
RT: 11.133 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

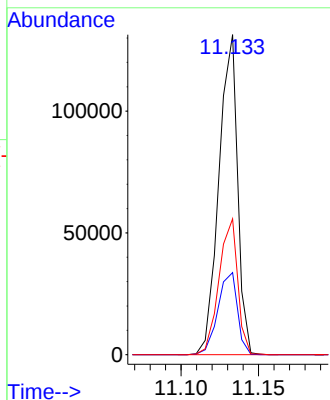
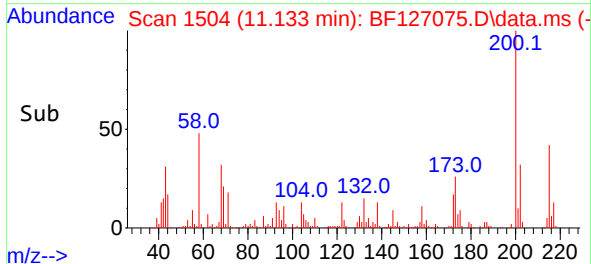
Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS



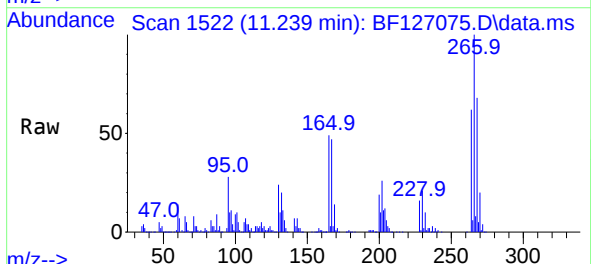
Tgt Ion:200 Resp: 11055
Ion Ratio Lower Upper
200 100
173 25.7 9.2 49.2
215 42.5 23.2 63.2

Manual Integrations
APPROVED

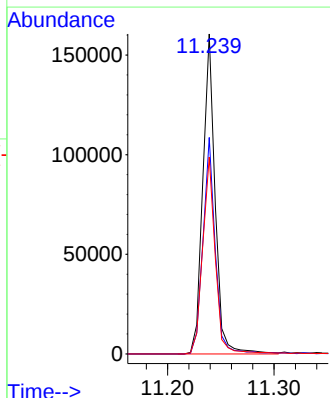
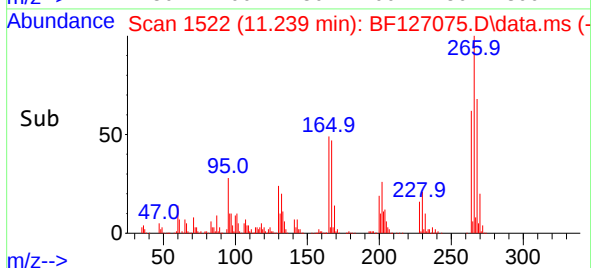
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

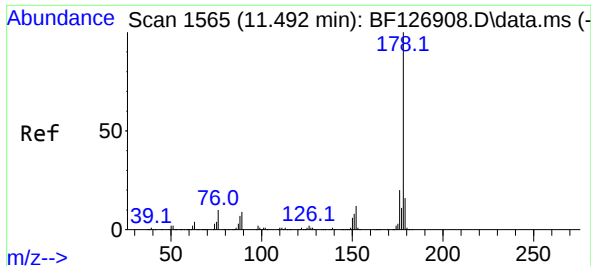


#70
Pentachlorophenol
Concen: 82.049 ng
RT: 11.239 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:266 Resp: 129478
Ion Ratio Lower Upper
266 100
268 67.7 52.3 78.5
264 61.5 50.4 75.6





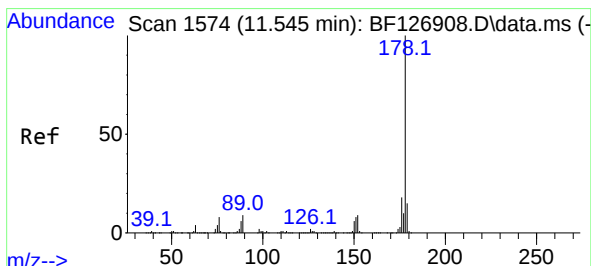
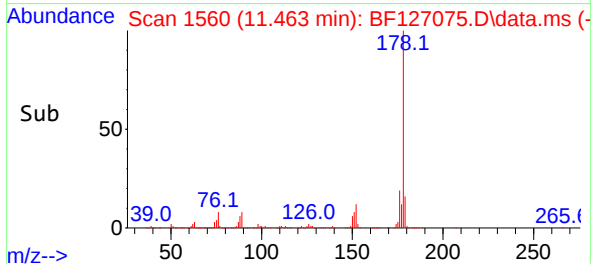
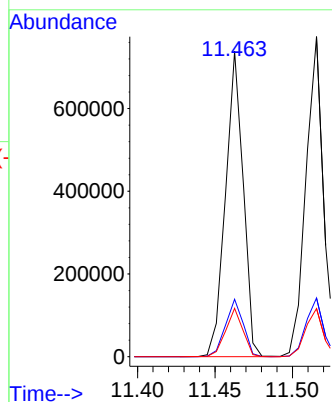
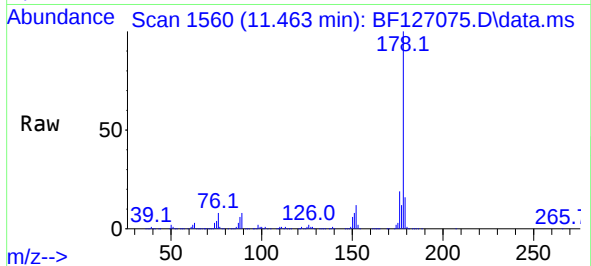
#71
Phenanthrene
Concen: 43.502 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS

Tgt Ion:178 Resp: 585190
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.8 12.3 18.5

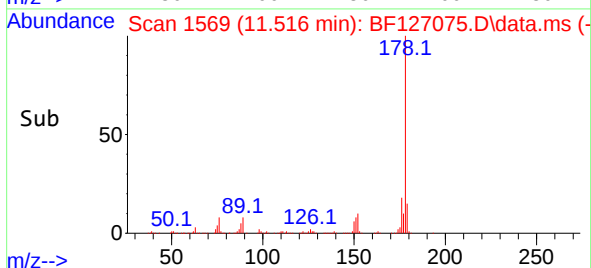
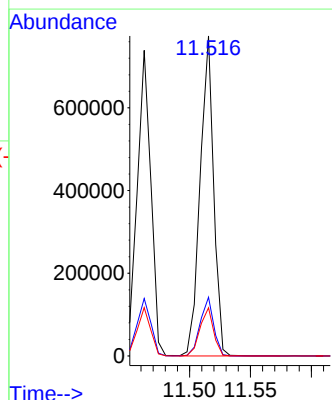
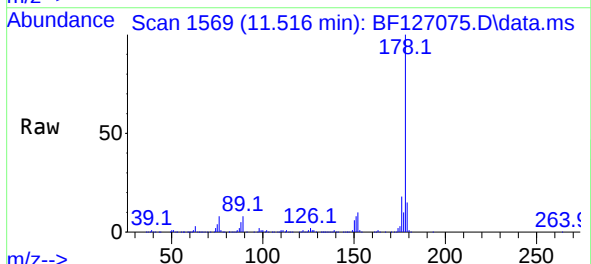
Manual Integrations
APPROVED

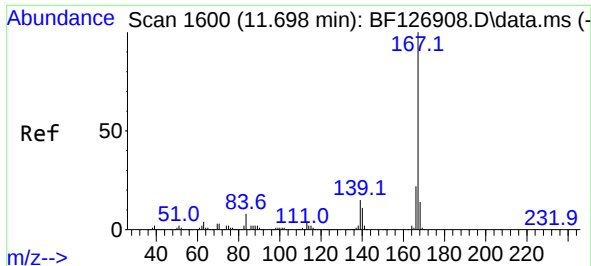
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#72
Anthracene
Concen: 44.821 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:178 Resp: 600238
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.1 12.5 18.7





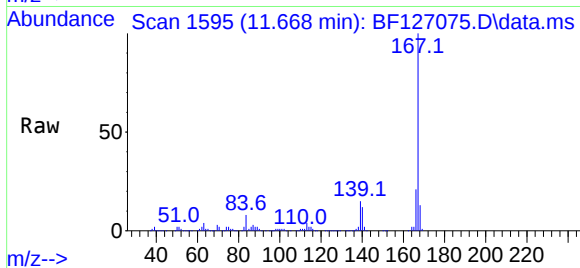
#73
 Carbazole
 Concen: 38.930 ng
 RT: 11.668 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127075.D
 Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

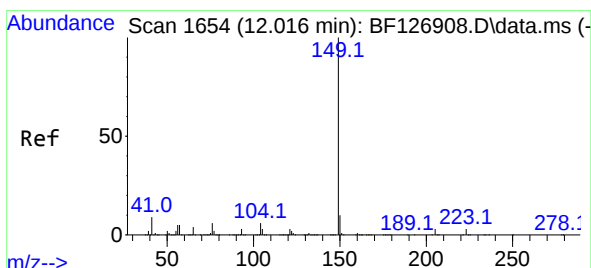
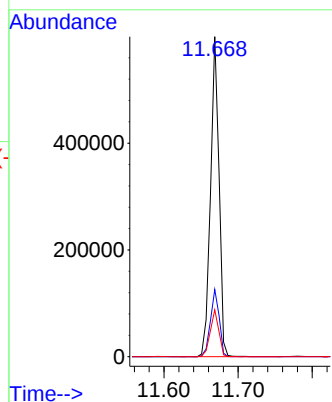
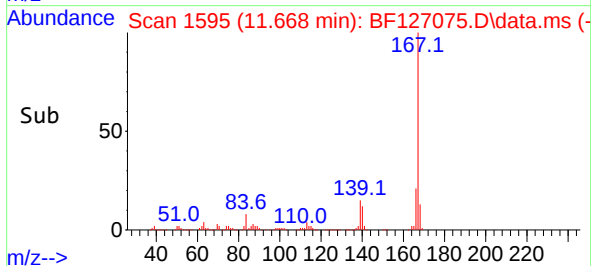


Tgt Ion:167 Resp: 478099
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.9 25.3
 139 14.6 11.3 16.9

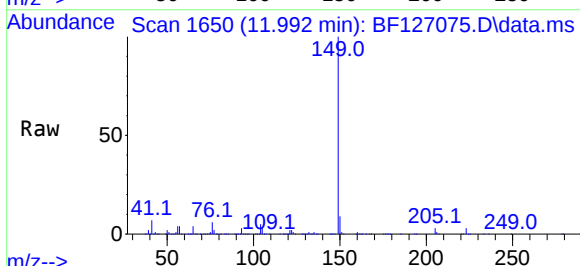
Manual Integrations

APPROVED

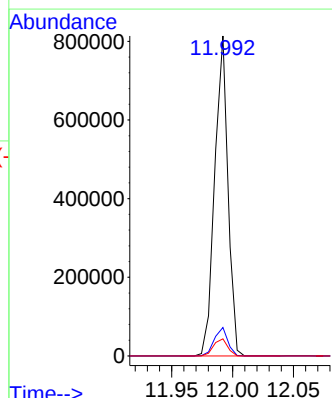
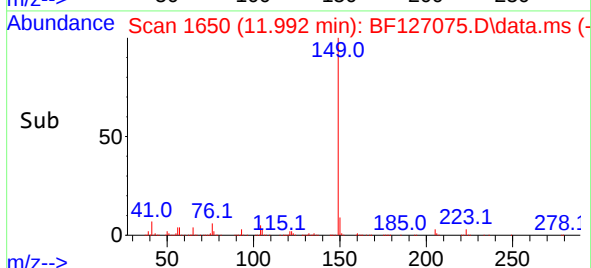
Reviewed By :Christian Giraldo 02/28/2022
 Supervised By :Jagrut Upadhyay 02/28/2022

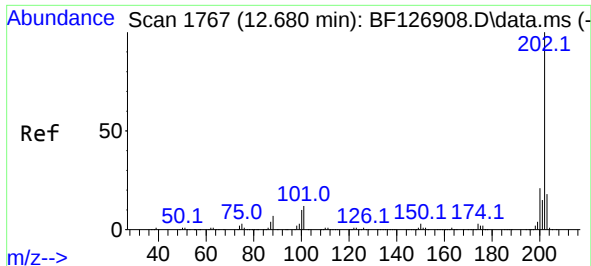


#74
 Di-n-butylphthalate
 Concen: 38.934 ng
 RT: 11.992 min Scan# 1650
 Delta R.T. -0.000 min
 Lab File: BF127075.D
 Acq: 25 Feb 2022 17:15



Tgt Ion:149 Resp: 614690
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 38.307 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

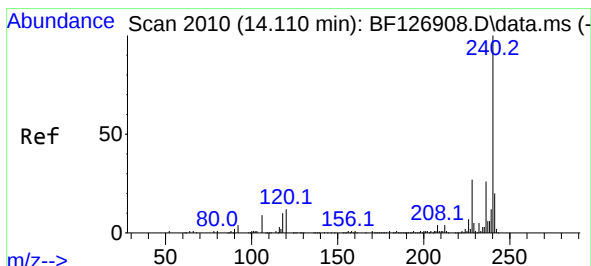
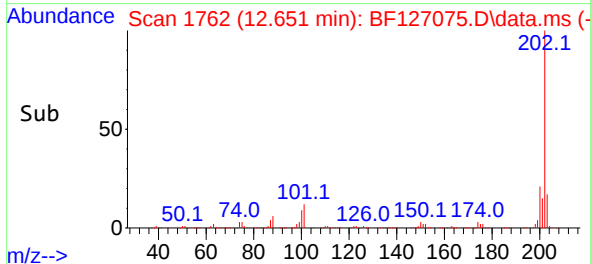
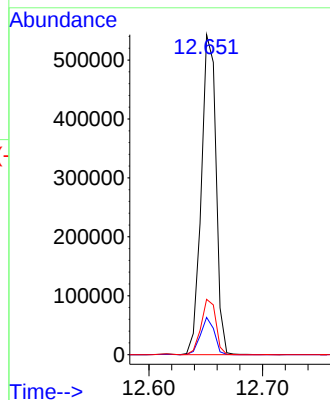
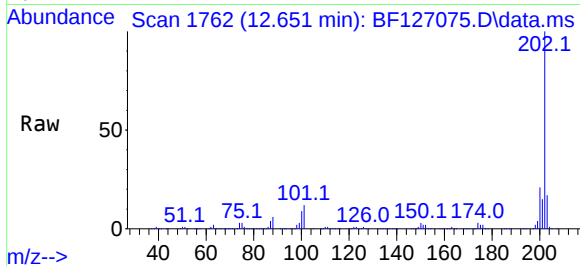
UNK-MIDMS

Tgt Ion:202 Resp: 48929
Ion Ratio Lower Upper
202 100
101 11.7 0.0 35.7
203 17.3 0.0 37.1

Manual Integrations

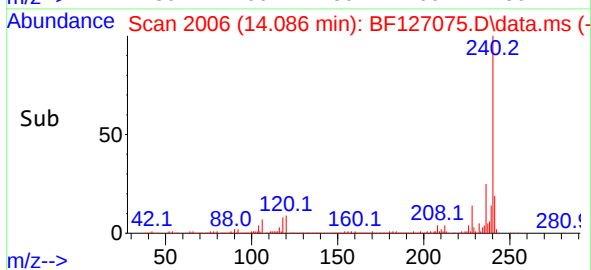
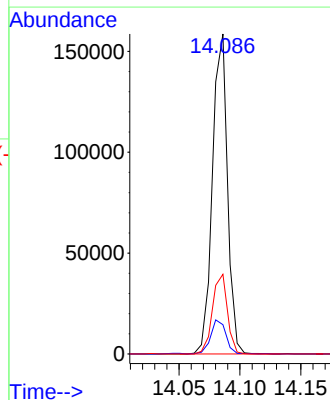
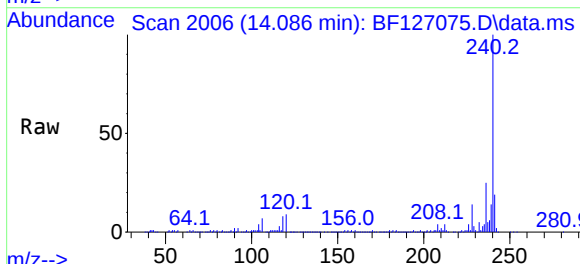
APPROVED

Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

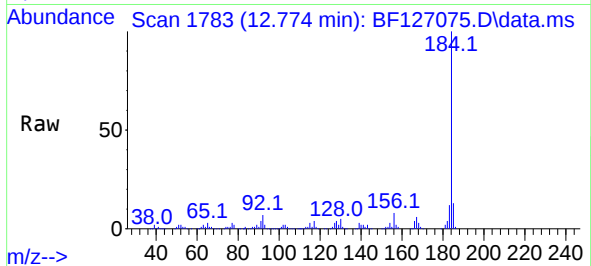
Tgt Ion:240 Resp: 135916
Ion Ratio Lower Upper
240 100
120 9.1 14.4 21.6#
236 24.9 20.5 30.7





#77
Benzidine
Concen: 42.739 ng
RT: 12.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

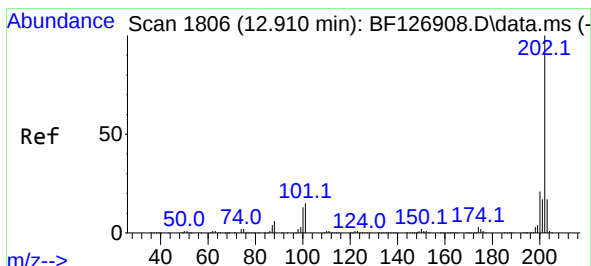
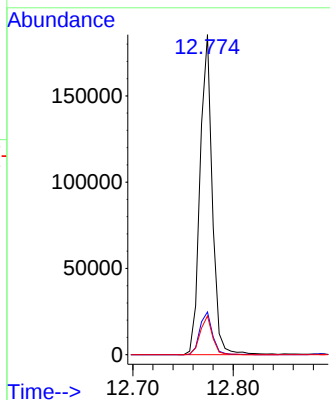
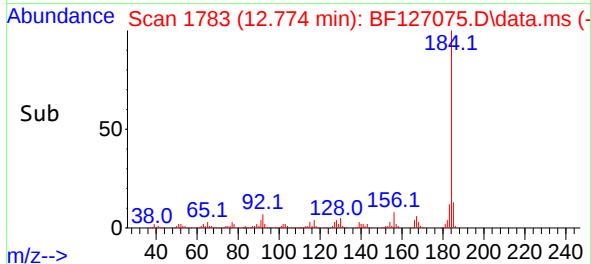
Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS



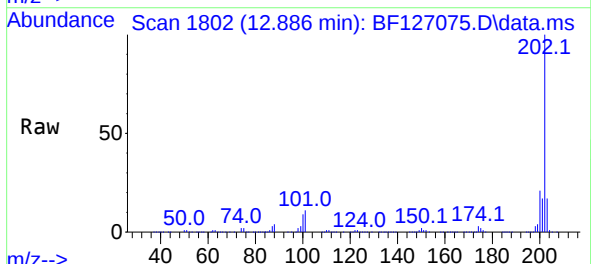
Tgt Ion:184 Resp: 15786
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.8
183 12.1 8.2 12.2

Manual Integrations
APPROVED

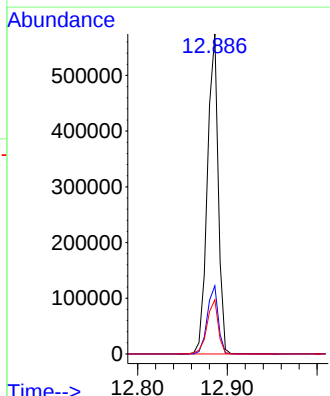
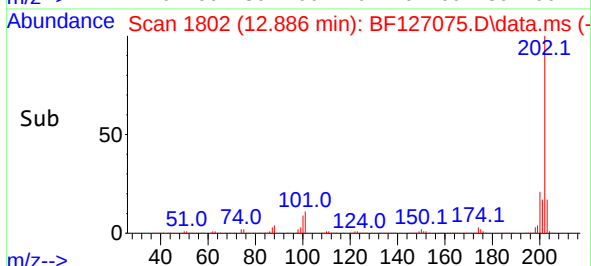
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

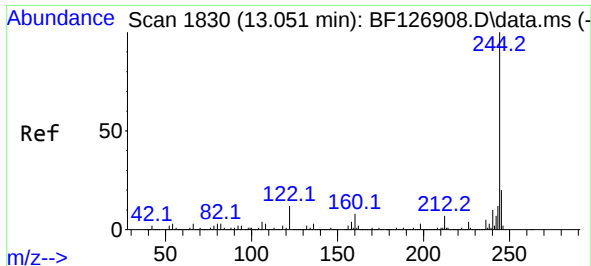


#78
Pyrene
Concen: 40.780 ng
RT: 12.886 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:202 Resp: 481535
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 16.9 13.8 20.8





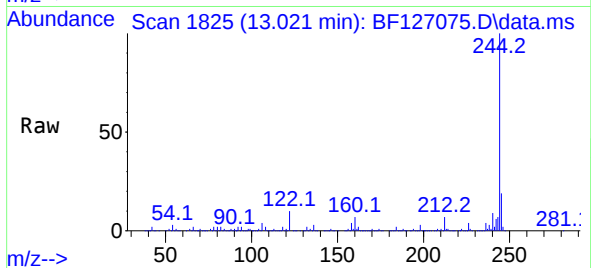
#79
Terphenyl-d14
Concen: 49.954 ng
RT: 13.021 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

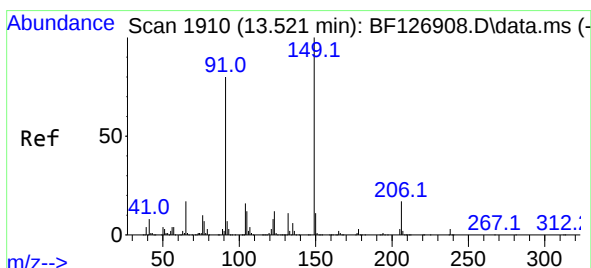
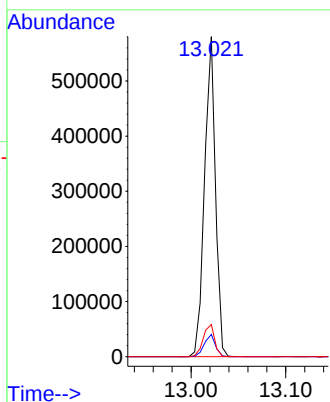
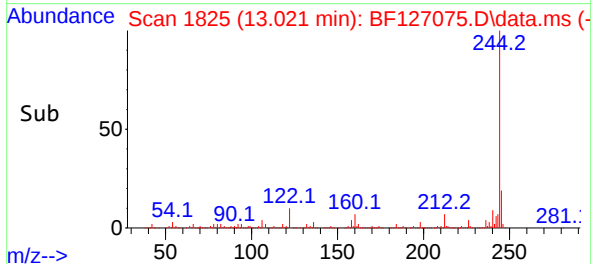


Tgt Ion:244 Resp: 46185
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.0 13.3 19.9

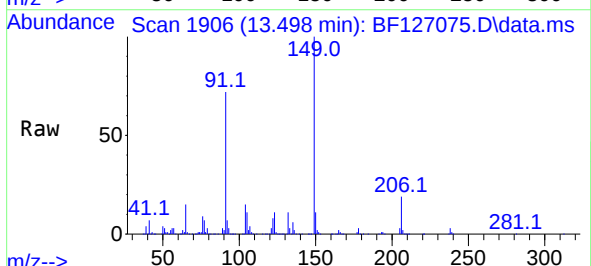
Manual Integrations

APPROVED

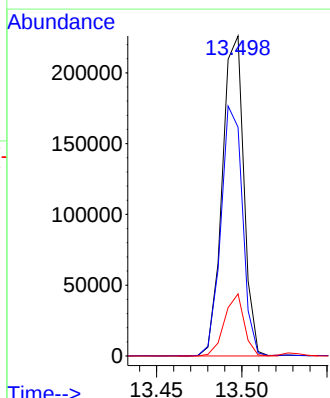
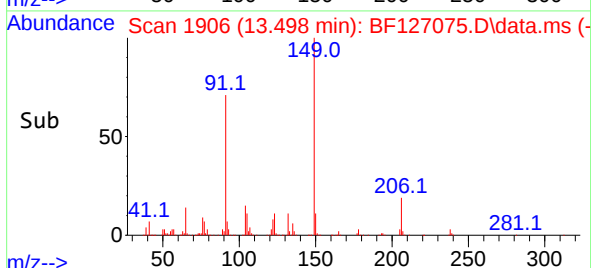
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

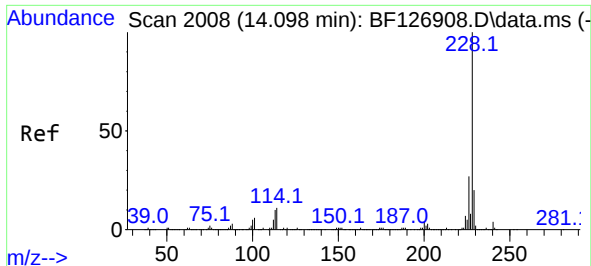


#80
Butylbenzylphthalate
Concen: 35.629 ng
RT: 13.498 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:149 Resp: 199172
Ion Ratio Lower Upper
149 100
91 71.5 70.5 105.7
206 19.4 12.6 19.0





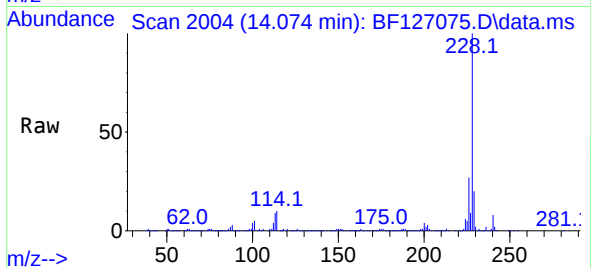
#81
Benzo(a)anthracene
Concen: 42.208 ng
RT: 14.074 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

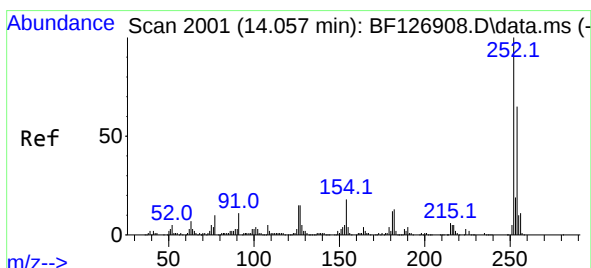
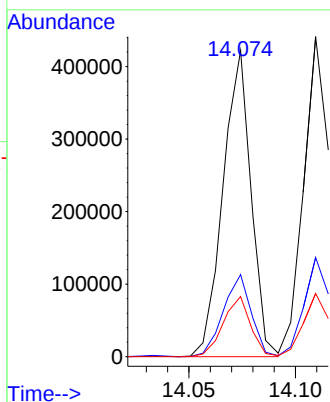
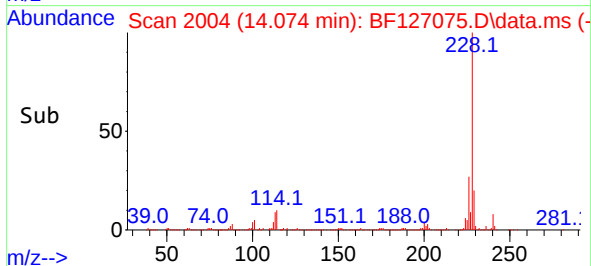


Tgt Ion:228 Resp: 386750
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.7 15.4 23.2

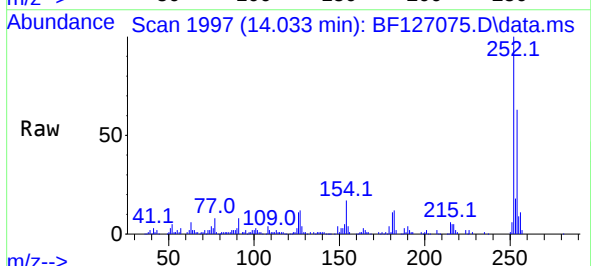
Manual Integrations

APPROVED

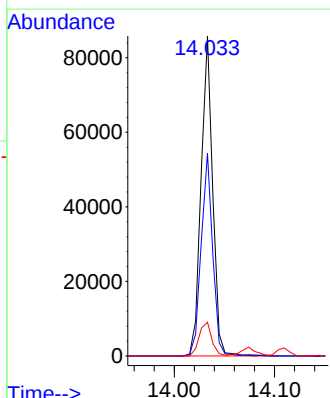
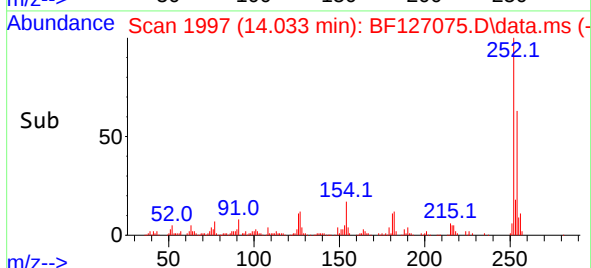
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

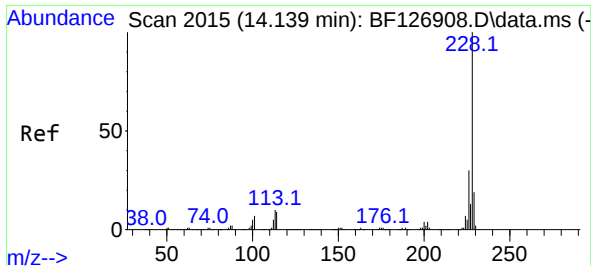


#82
3,3'-Dichlorobenzidine
Concen: 24.034 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:252 Resp: 69402
Ion Ratio Lower Upper
252 100
254 63.3 51.0 76.4
126 10.6 13.4 20.0#





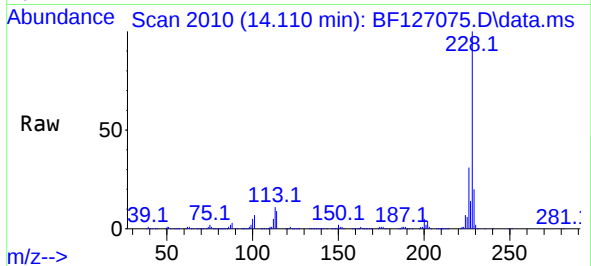
#83
Chrysene
Concen: 42.819 ng
RT: 14.110 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

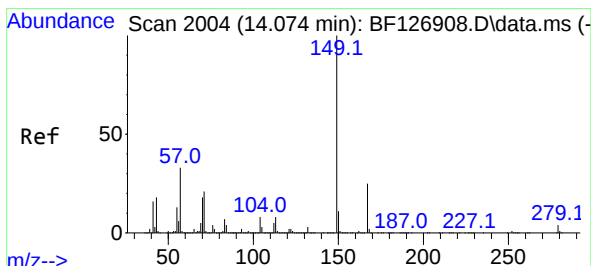
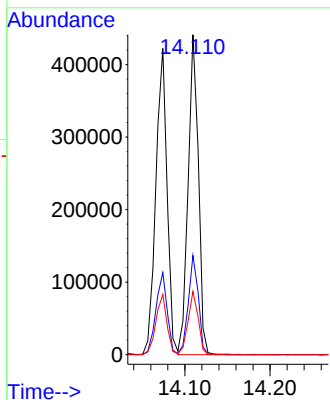
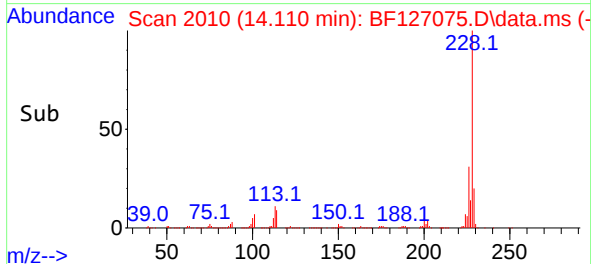


Tgt Ion:228 Resp: 368950
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 19.8 15.5 23.3

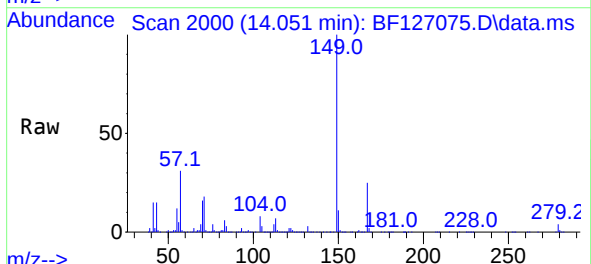
Manual Integrations

APPROVED

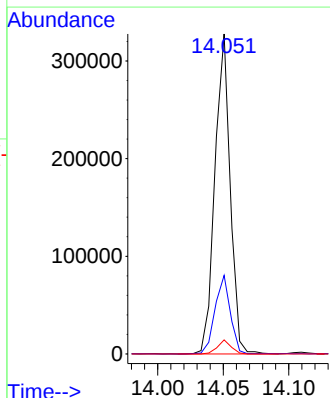
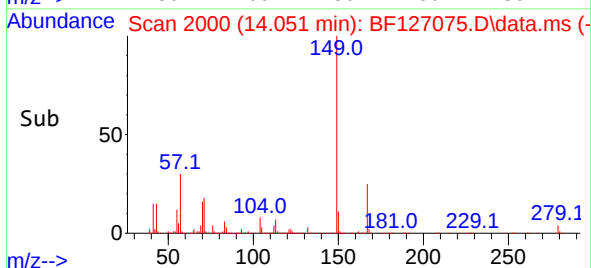
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

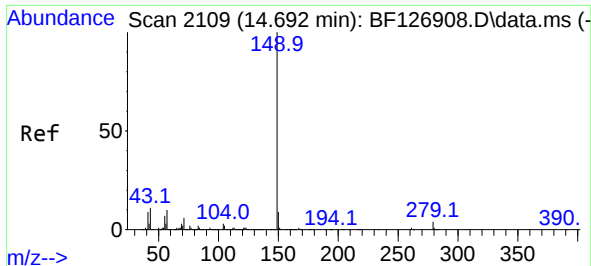


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.117 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



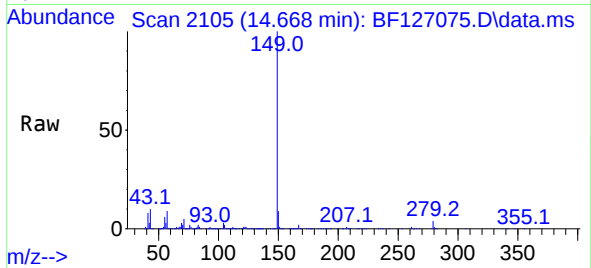
Tgt Ion:149 Resp: 265066
Ion Ratio Lower Upper
149 100
167 24.6 21.4 32.2
279 4.4 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 42.152 ng
RT: 14.668 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

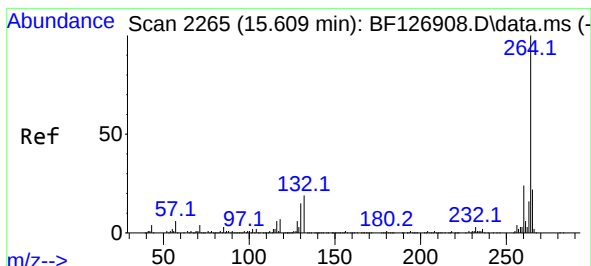
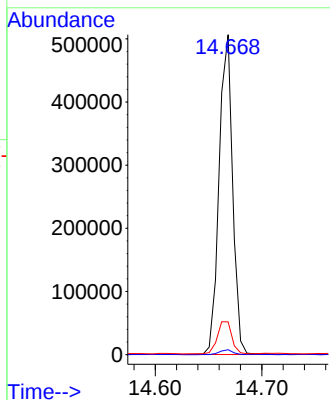
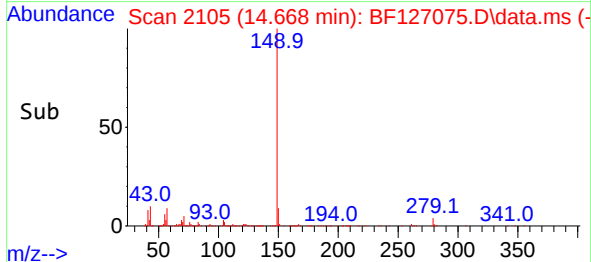
Instrument :
BNA_F
ClientSampleId :
UNK-MIDMS



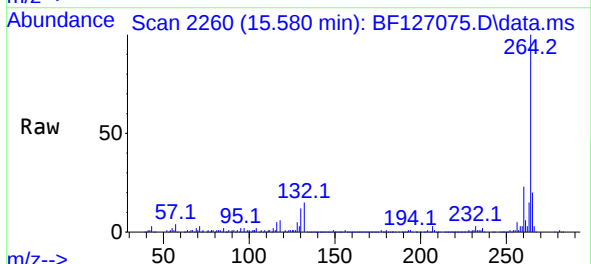
Tgt Ion:149 Resp: 445421
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.9 9.9 14.9

Manual Integrations
APPROVED

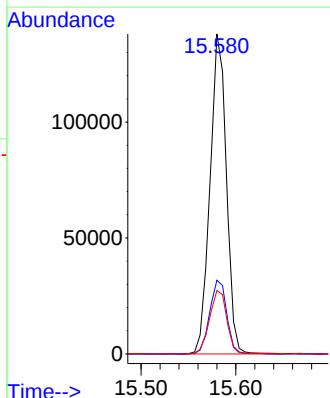
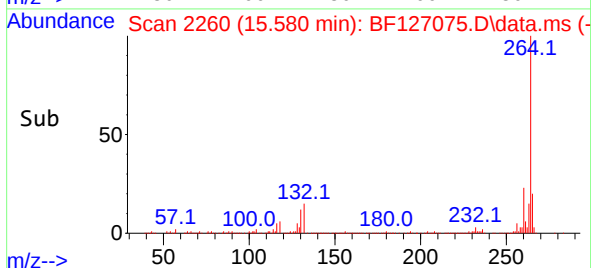
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

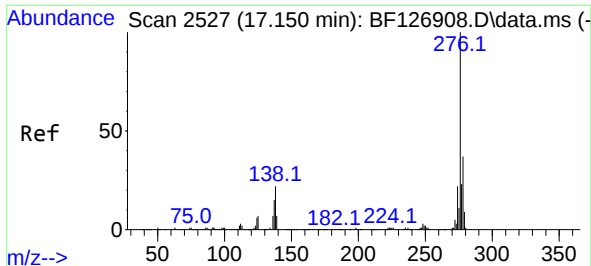


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15



Tgt Ion:264 Resp: 165436
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 19.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.795 ng
RT: 17.115 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

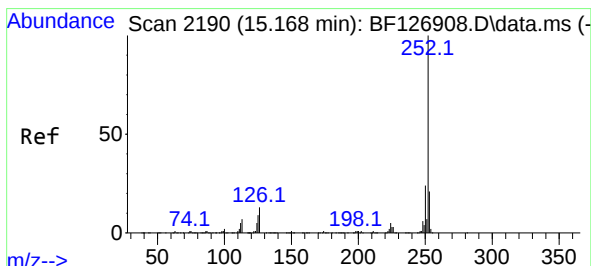
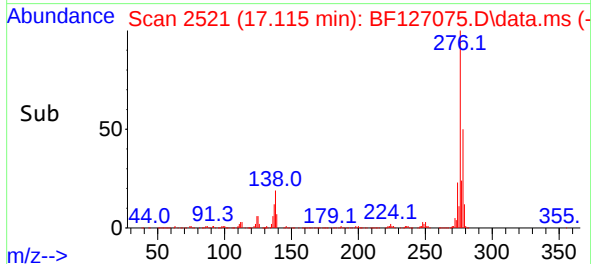
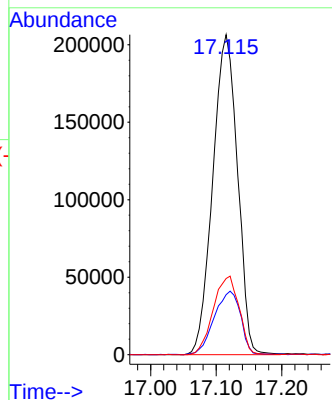
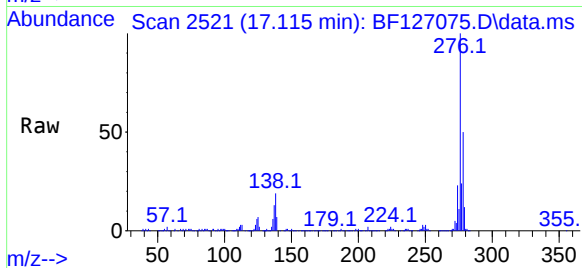
UNK-MIDMS

Tgt Ion:276 Resp: 540160
Ion Ratio Lower Upper
276 100
138 21.2 29.2 43.8
277 25.7 19.8 29.8

Manual Integrations

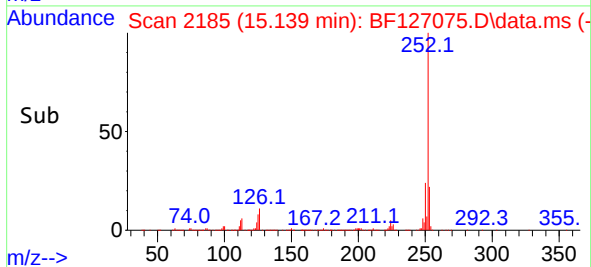
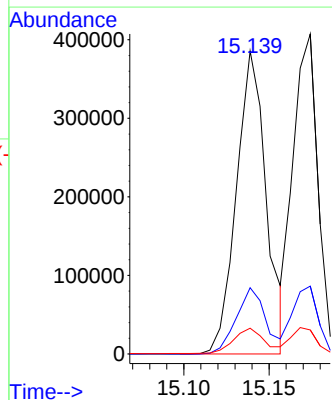
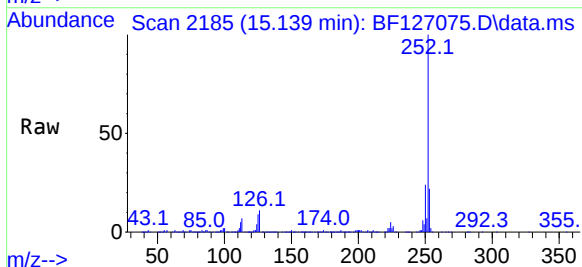
APPROVED

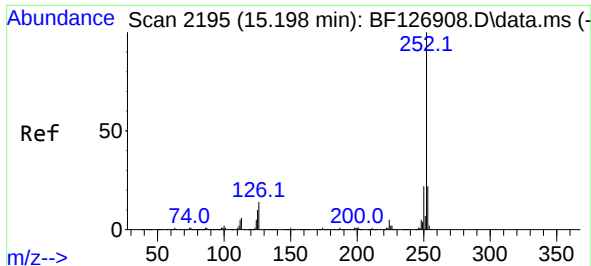
Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022



#88
Benzo(b)fluoranthene
Concen: 42.294 ng
RT: 15.139 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BF127075.D
Acq: 25 Feb 2022 17:15

Tgt Ion:252 Resp: 469941
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.5 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 38.601 ng

RT: 15.174 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

Tgt Ion:252 Resp: 41369

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

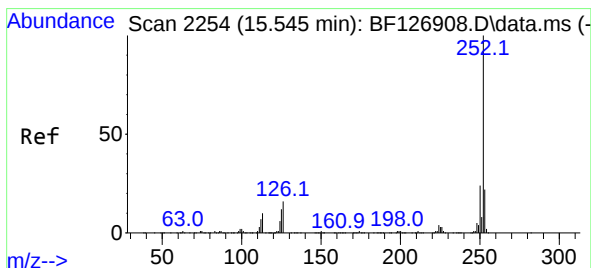
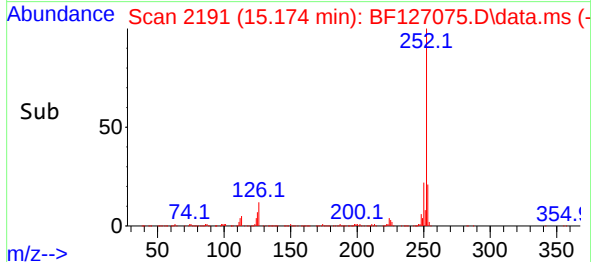
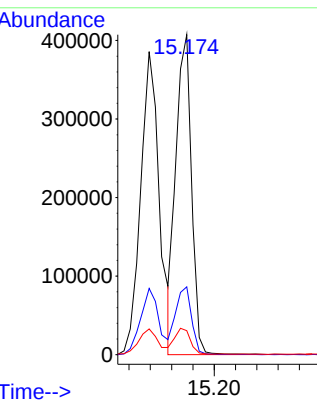
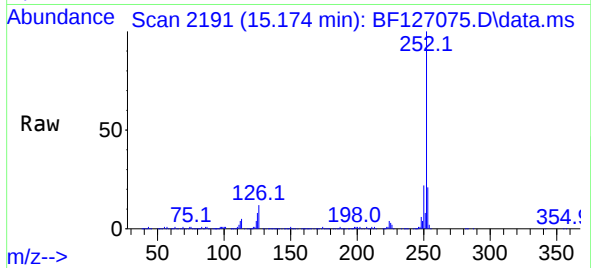
125 7.5 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022



#90

Benzo(a)pyrene

Concen: 51.453 ng

RT: 15.521 min Scan# 2250

Delta R.T. -0.000 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

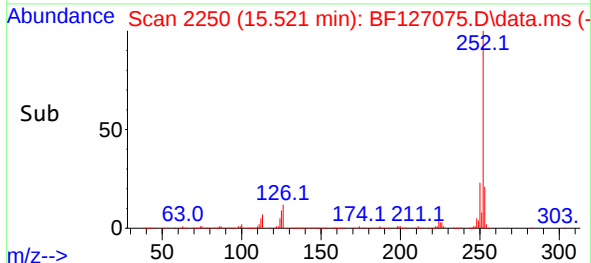
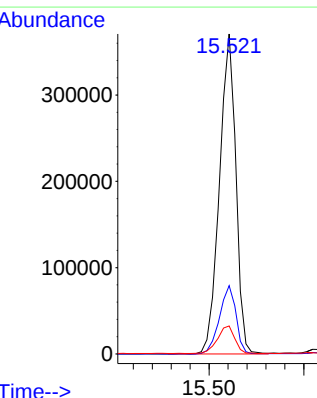
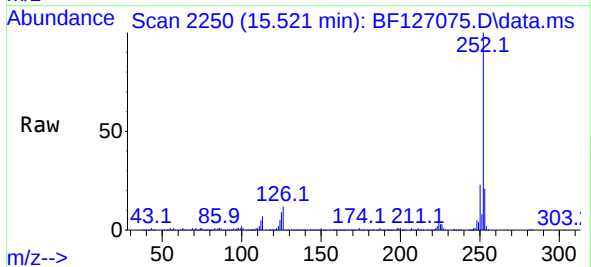
Tgt Ion:252 Resp: 446564

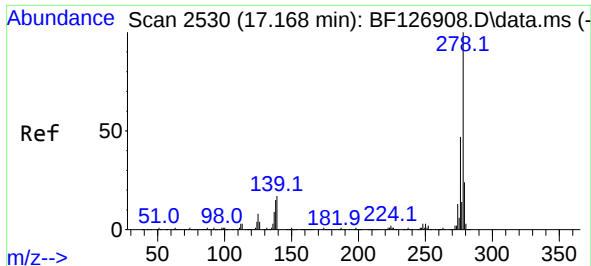
Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

125 8.8 13.0 19.6#





#91

Dibenzo(a,h)anthracene

Concen: 51.463 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Instrument :

BNA_F

ClientSampleId :

UNK-MIDMS

Tgt Ion:278 Resp: 46171

Ion Ratio Lower Upper

278 100

139 13.6 18.0 27.0

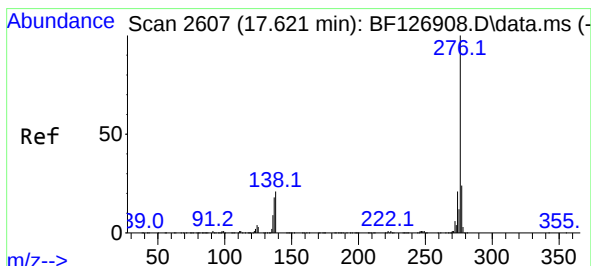
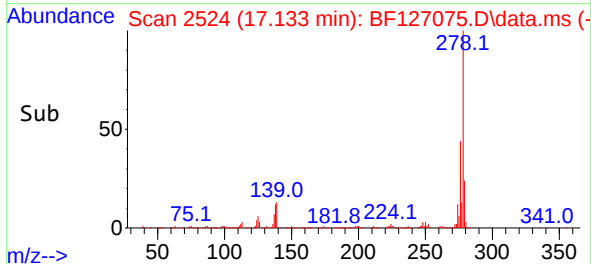
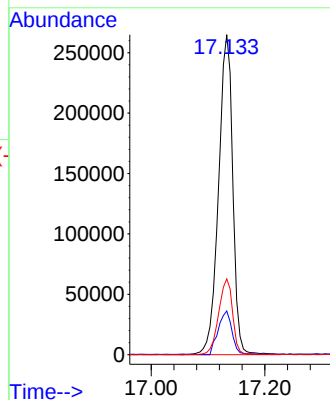
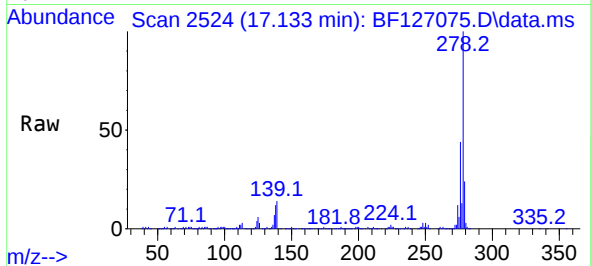
279 23.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/28/2022

Supervised By :Jagrut Upadhyay 02/28/2022



#92

Benzo(g,h,i)perylene

Concen: 51.834 ng

RT: 17.580 min Scan# 2600

Delta R.T. -0.000 min

Lab File: BF127075.D

Acq: 25 Feb 2022 17:15

Tgt Ion:276 Resp: 458468

Ion Ratio Lower Upper

276 100

277 25.2 18.5 27.7

138 17.8 25.9 38.9

