

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128025.D
 Acq On : 02 May 2022 14:48
 Operator : CG\JU
 Sample : N2641-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 02 15:46:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	99260	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	388342	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	216017	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	340011	20.000	ng	0.00
76) Chrysene-d12	14.116	240	212285	20.000	ng	0.00
86) Perylene-d12	15.627	264	236322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	614563	98.616	ng	0.00
7) Phenol-d6	6.563	99	828480	102.455	ng	0.00
23) Nitrobenzene-d5	7.498	82	588194	71.224	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	219730	101.045	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	961315	75.286	ng	0.00
79) Terphenyl-d14	13.051	244	778163	67.029	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	108295	36.422	ng	97
3) Pyridine	3.569	79	290867	38.179	ng	98
4) n-Nitrosodimethylamine	3.540	42	177671	48.179	ng	97
6) Aniline	6.593	93	220138	22.913	ng	98
8) 2-Chlorophenol	6.716	128	323080	49.950	ng	99
9) Benzaldehyde	6.487	77	209337	41.847	ng	98
10) Phenol	6.575	94	392463m	48.122	ng	
11) bis(2-Chloroethyl)ether	6.663	93	329908	48.764	ng	97
12) 1,3-Dichlorobenzene	6.869	146	344782	46.309	ng	95
13) 1,4-Dichlorobenzene	6.946	146	345856	46.539	ng	96
14) 1,2-Dichlorobenzene	7.098	146	329788	47.936	ng	98
15) Benzyl Alcohol	7.075	79	302736	55.054	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	493562	47.733	ng	95
17) 2-Methylphenol	7.181	107	282430	50.609	ng	98
18) Hexachloroethane	7.440	117	134450	49.211	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	251999	50.909	ng	95
20) 3+4-Methylphenols	7.334	107	327279	48.547	ng	# 86
22) Acetophenone	7.340	105	444554	46.967	ng	# 90
24) Nitrobenzene	7.516	77	392855	49.367	ng	99
25) Isophorone	7.751	82	721815	51.931	ng	99
26) 2-Nitrophenol	7.828	139	171247	50.500	ng	97
27) 2,4-Dimethylphenol	7.863	122	299669	53.204	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	414983	46.586	ng	99
29) 2,4-Dichlorophenol	8.075	162	278367	47.175	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	302998	45.205	ng	98
31) Naphthalene	8.240	128	912447	46.132	ng	99
32) Benzoic acid	7.998	122	198276	49.113	ng	93
33) 4-Chloroaniline	8.281	127	67528	8.629	ng	97
34) Hexachlorobutadiene	8.345	225	201727	47.781	ng	98
35) Caprolactam	8.669	113	90110m	47.309	ng	
36) 4-Chloro-3-methylphenol	8.769	107	311893	49.492	ng	96
37) 2-Methylnaphthalene	8.928	142	617970	47.276	ng	99
38) 1-Methylnaphthalene	9.028	142	586455	46.158	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	303882	47.727	ng	98
41) Hexachlorocyclopentadiene	9.075	237	334002	96.822	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	198552	47.393	ng	99

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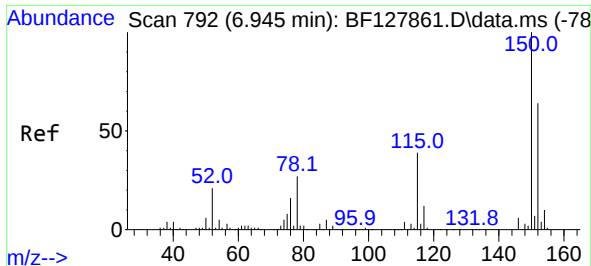
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	210486	46.216	ng	95
46) 1,1'-Biphenyl	9.392	154	770339	48.142	ng	99
47) 2-Chloronaphthalene	9.422	162	565256	46.404	ng	99
48) 2-Nitroaniline	9.516	65	204586	49.651	ng	95
49) Acenaphthylene	9.839	152	905091	48.574	ng	100
50) Dimethylphthalate	9.692	163	703651	48.570	ng	100
51) 2,6-Dinitrotoluene	9.757	165	158232	50.446	ng	90
52) Acenaphthene	10.010	154	631232m	50.389	ng	
53) 3-Nitroaniline	9.928	138	75107	21.563	ng	98
54) 2,4-Dinitrophenol	10.039	184	140849	85.265	ng	# 81
55) Dibenzofuran	10.181	168	810390	44.838	ng	98
56) 4-Nitrophenol	10.098	139	194344	73.069	ng	95
57) 2,4-Dinitrotoluene	10.169	165	199135	47.929	ng	93
58) Fluorene	10.528	166	621736	46.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	167243	43.668	ng	99
60) Diethylphthalate	10.392	149	690954	48.638	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	316073	47.162	ng	98
62) 4-Nitroaniline	10.545	138	127177	37.347	ng	95
63) Azobenzene	10.675	77	708890	45.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.575	198	96681	47.854	ng	98
66) n-Nitrosodiphenylamine	10.634	169	549583	51.947	ng	99
67) 4-Bromophenyl-phenylether	11.004	248	192231	51.000	ng	98
68) Hexachlorobenzene	11.075	284	206580	52.019	ng	# 92
69) Atrazine	11.163	200	188006	57.468	ng	96
70) Pentachlorophenol	11.269	266	186835	79.972	ng	97
71) Phenanthrene	11.492	178	828533	46.552	ng	99
72) Anthracene	11.545	178	847241	47.787	ng	99
73) Carbazole	11.698	167	691760	40.484	ng	99
74) Di-n-butylphthalate	12.016	149	974100	50.697	ng	99
75) Fluoranthene	12.680	202	721746	38.531	ng	99
77) Benzidine	12.804	184	211842	52.740	ng	98
78) Pyrene	12.916	202	714545	41.697	ng	100
80) Butylbenzylphthalate	13.522	149	309191	46.032	ng	96
81) Benzo(a)anthracene	14.104	228	672699	47.543	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	126240	28.099	ng	99
83) Chrysene	14.139	228	621892	46.021	ng	99
84) Bis(2-ethylhexyl)phtha...	14.074	149	440723	49.479	ng	99
85) Di-n-octyl phthalate	14.692	149	757644	54.887	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	590067	37.408	ng	98
88) Benzo(b)fluoranthene	15.180	252	706972	47.630	ng	99
89) Benzo(k)fluoranthene	15.210	252	696179	46.554	ng	98
90) Benzo(a)pyrene	15.568	252	687735	55.858	ng	98
91) Dibenzo(a,h)anthracene	17.192	278	521665	41.236	ng	98
92) Benzo(g,h,i)perylene	17.651	276	463229	34.746	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

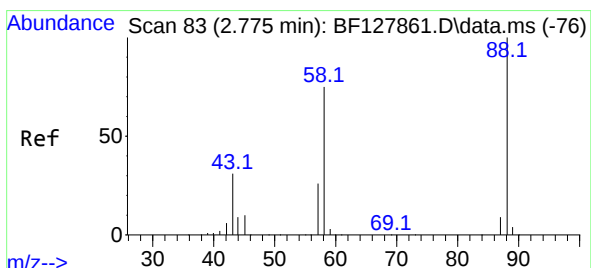
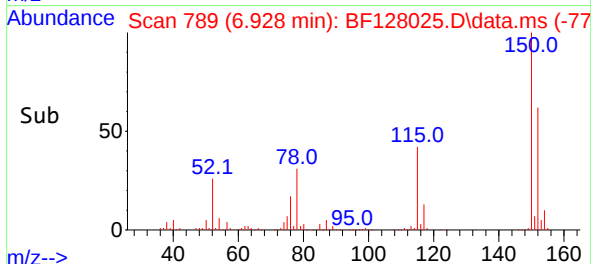
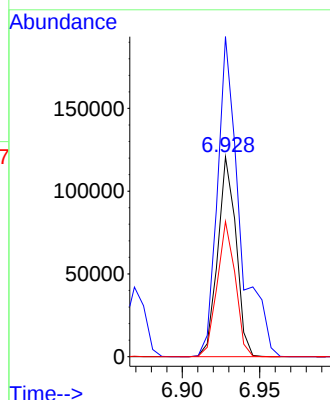
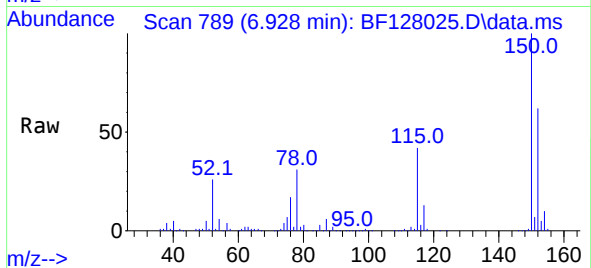
TP-21MS

Tgt Ion:152 Resp: 99260
Ion Ratio Lower Upper
152 100
150 160.2 125.3 187.9
115 67.6 48.8 73.2

Manual Integrations

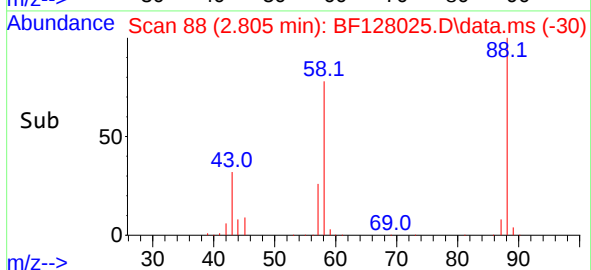
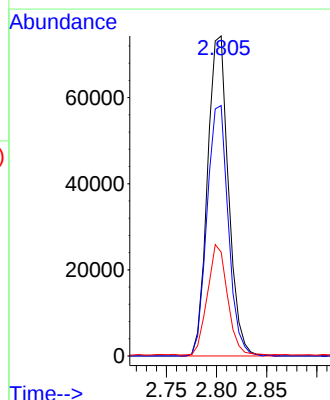
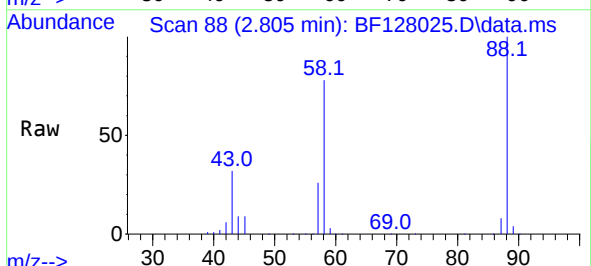
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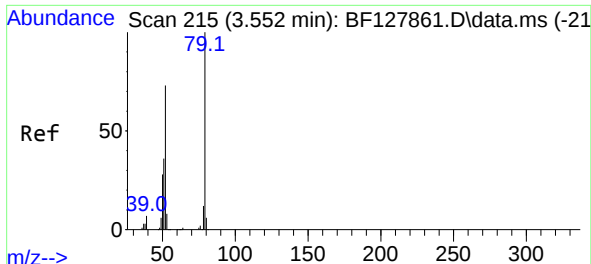
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#2
1,4-Dioxane
Concen: 36.422 ng
RT: 2.805 min Scan# 88
Delta R.T. 0.041 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Tgt Ion: 88 Resp: 108295
Ion Ratio Lower Upper
88 100
58 79.1 61.0 91.4
43 33.0 24.9 37.3





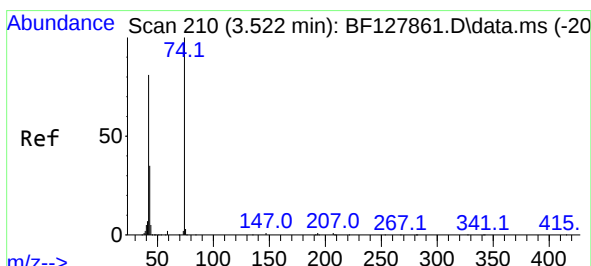
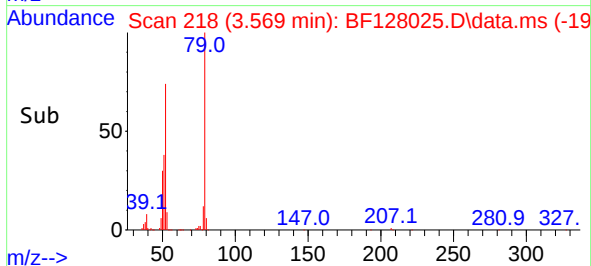
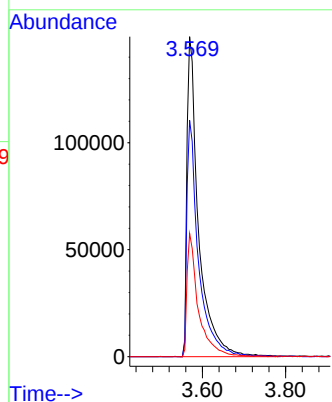
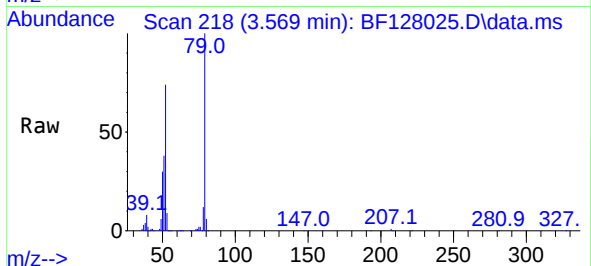
#3
Pyridine
Concen: 38.179 ng
RT: 3.569 min Scan# 215
Delta R.T. 0.030 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion: 79 Resp: 29086
Ion Ratio Lower Upper
79 100
52 73.9 58.3 87.5
51 38.5 28.6 42.8

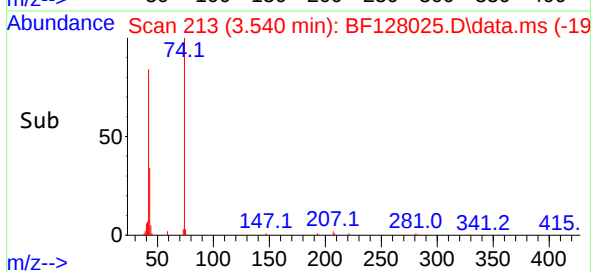
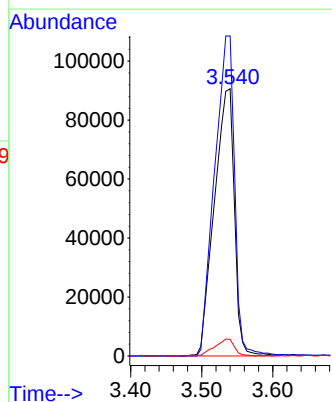
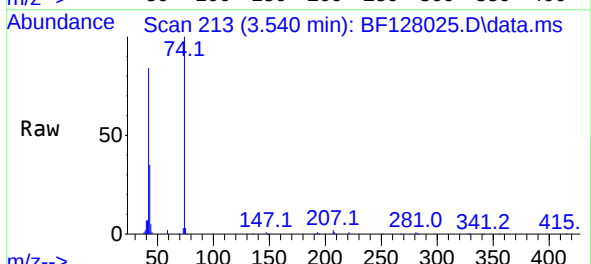
Manual Integrations
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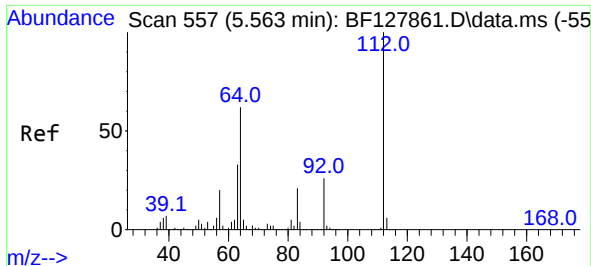
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#4
n-Nitrosodimethylamine
Concen: 48.179 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.030 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

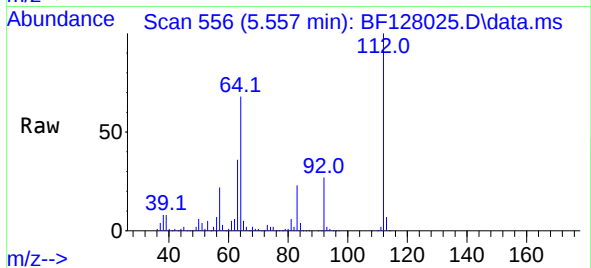
Tgt Ion: 42 Resp: 177671
Ion Ratio Lower Upper
42 100
74 119.8 99.0 148.4
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 98.616 ng
RT: 5.557 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

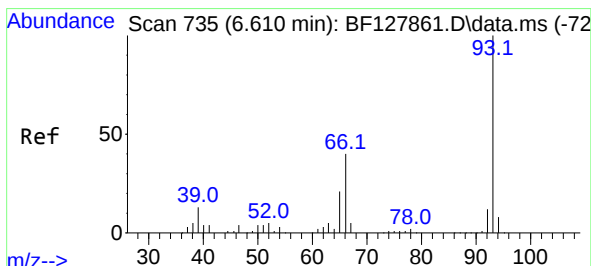
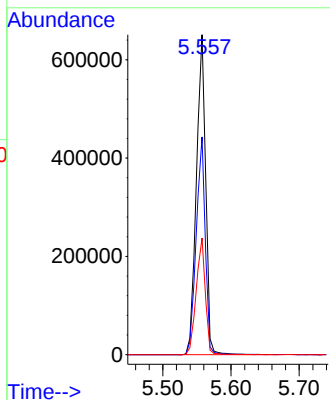
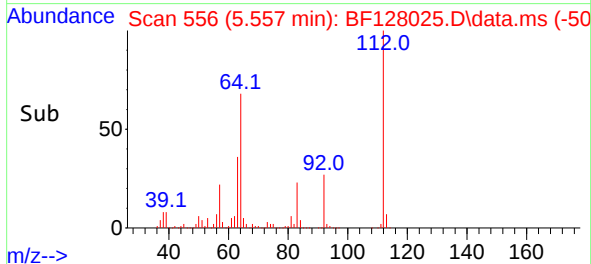
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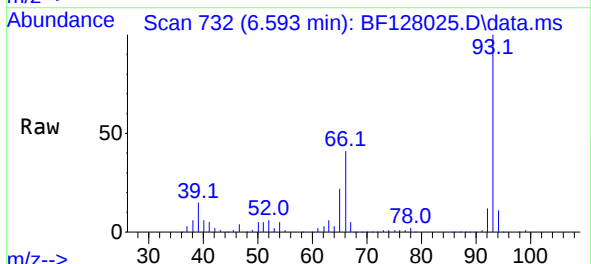
Tgt Ion: 112 Resp: 61456
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 36.4 26.3 39.5

Manual Integrations
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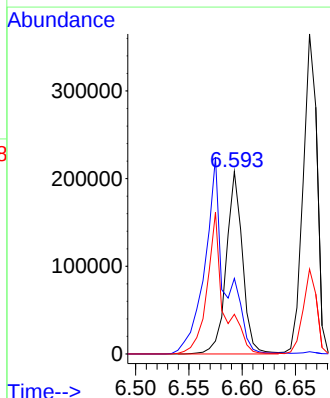
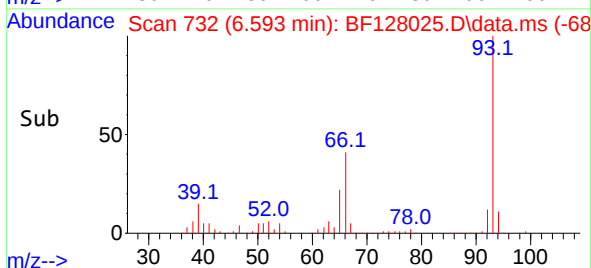
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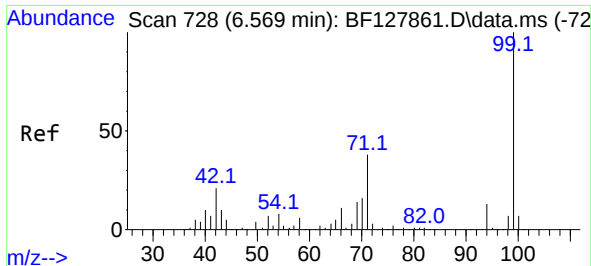


#6
Aniline
Concen: 22.913 ng
RT: 6.593 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion: 93 Resp: 220138
Ion Ratio Lower Upper
93 100
66 41.4 32.2 48.4
65 21.7 16.7 25.1





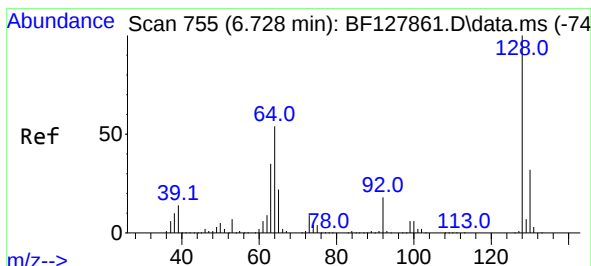
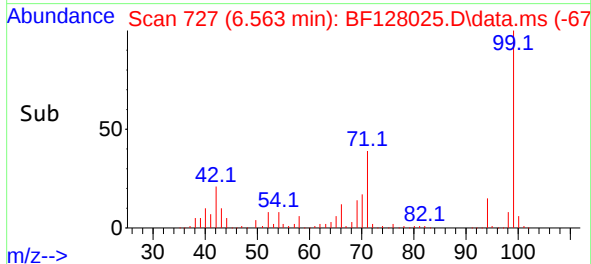
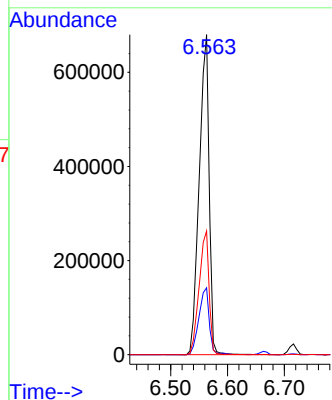
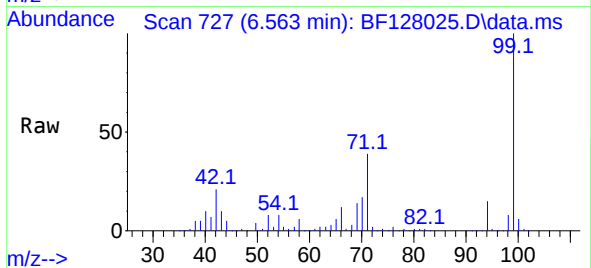
#7
Phenol-d6
Concen: 102.455 ng
RT: 6.563 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion: 99 Resp: 828480
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 38.6 30.0 45.0

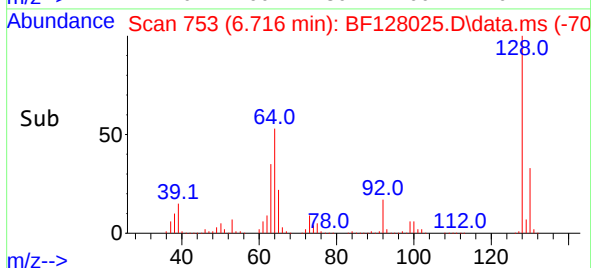
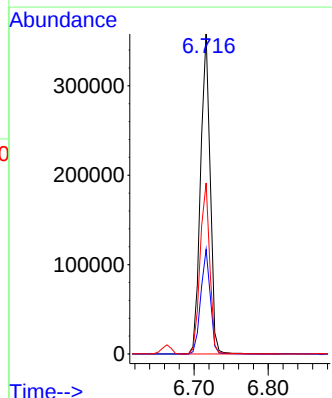
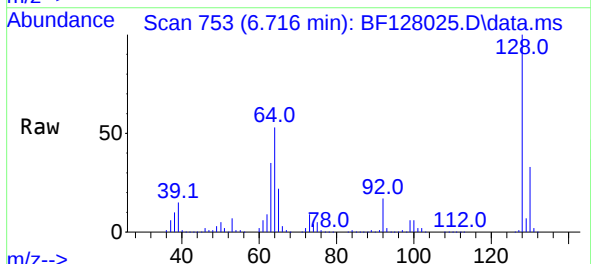
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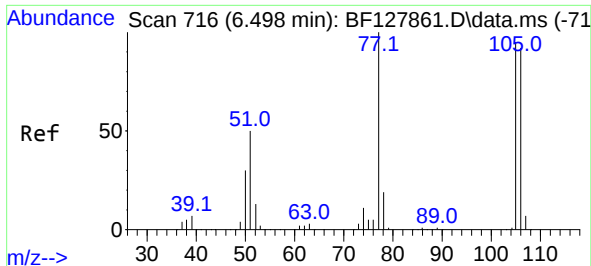
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#8
2-Chlorophenol
Concen: 49.950 ng
RT: 6.716 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Tgt Ion:128 Resp: 323080
Ion Ratio Lower Upper
128 100
130 32.7 11.6 51.6
64 53.5 33.8 73.8





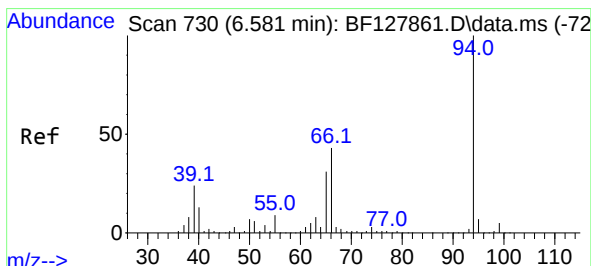
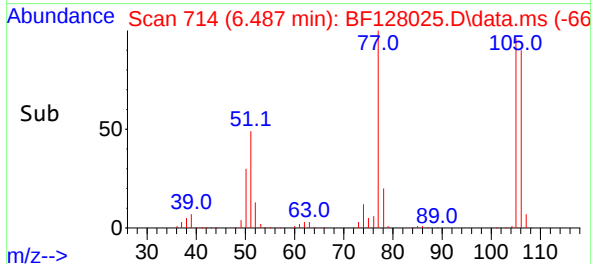
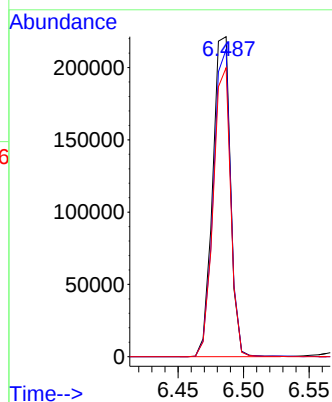
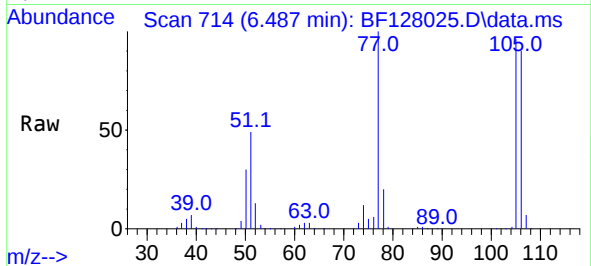
#9
Benzaldehyde
Concen: 41.847 ng
RT: 6.487 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion: 77 Resp: 20933
Ion Ratio Lower Upper
77 100
105 96.0 74.9 114.9
106 90.3 72.2 112.2

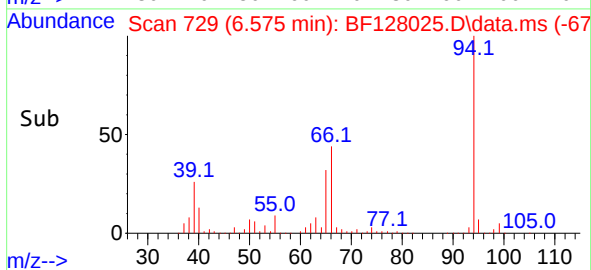
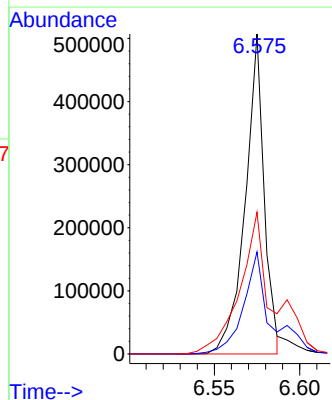
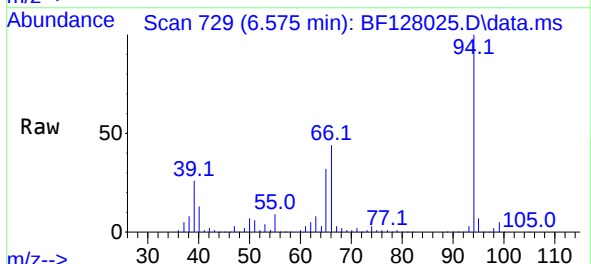
Manual Integrations
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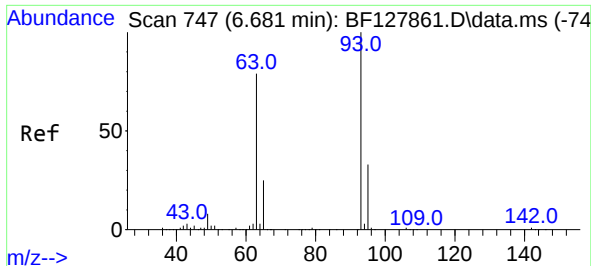
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#10
Phenol
Concen: 48.122 ng m
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Tgt Ion: 94 Resp: 392463
Ion Ratio Lower Upper
94 100
65 31.9 10.6 50.6
66 44.3 22.6 62.6





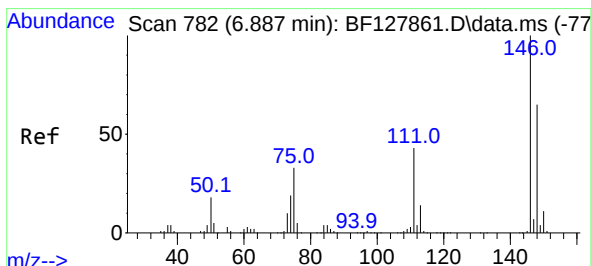
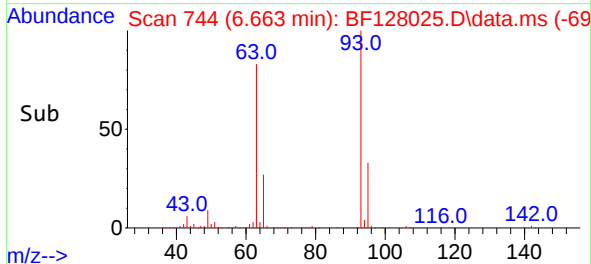
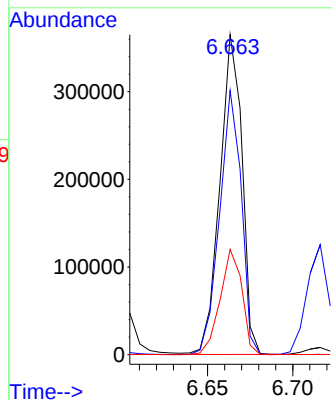
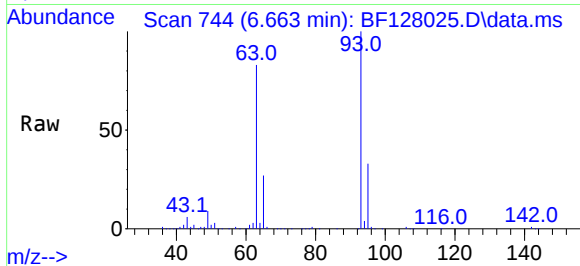
#11
bis(2-Chloroethyl)ether
Concen: 48.764 ng
RT: 6.663 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion: 93 Resp: 329908
Ion Ratio Lower Upper
93 100
63 82.6 58.6 98.6
95 32.9 12.9 52.9

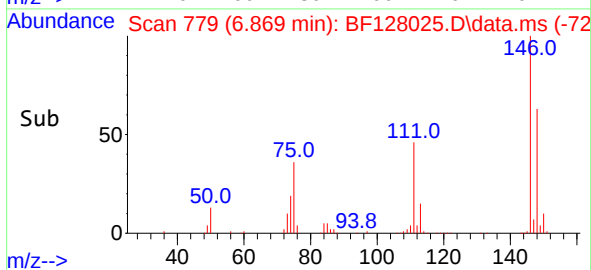
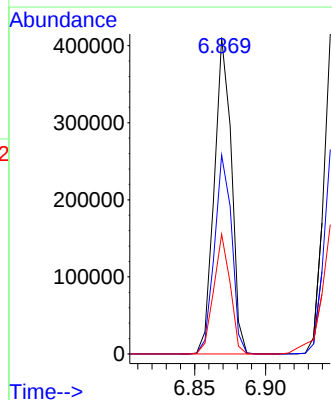
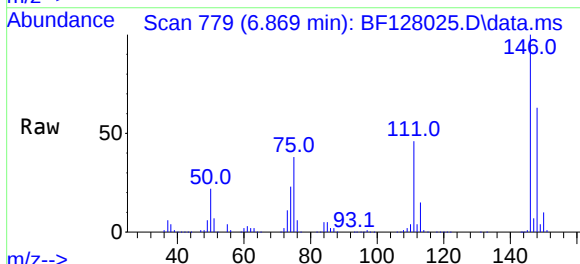
Manual Integrations
APPROVED

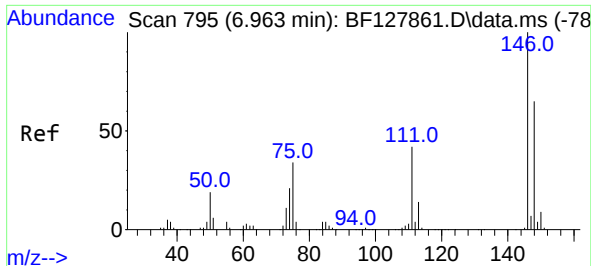
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#12
1,3-Dichlorobenzene
Concen: 46.309 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

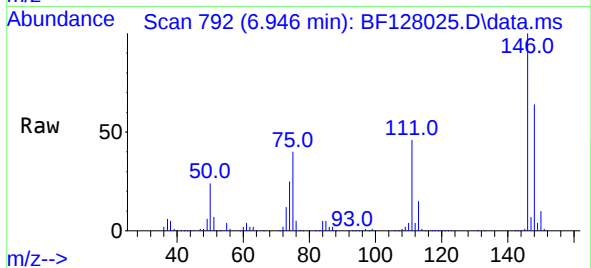
Tgt Ion:146 Resp: 344782
Ion Ratio Lower Upper
146 100
148 62.9 52.1 78.1
75 37.9 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 46.539 ng
RT: 6.946 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

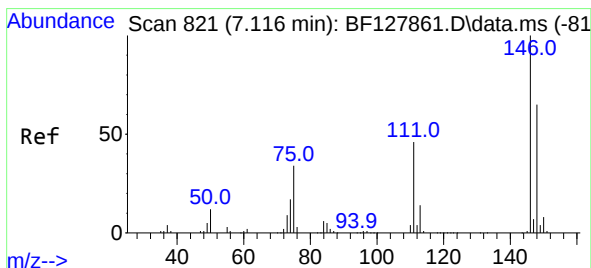
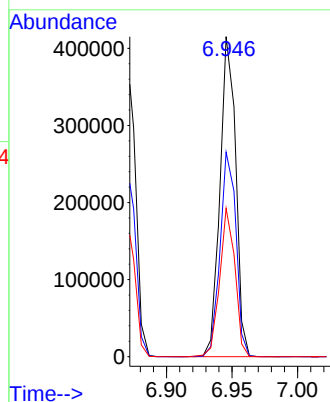
Instrument :
BNA_F
ClientSampleId :
TP-21MS



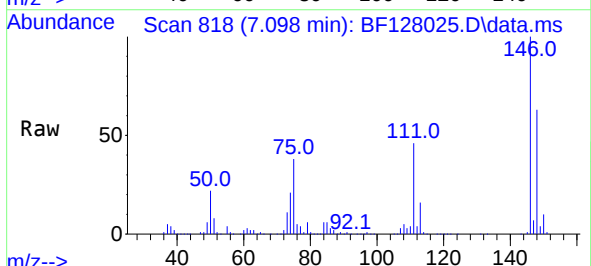
Tgt Ion:146 Resp: 345850
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
111 46.3 33.9 50.9

Manual Integrations
APPROVED

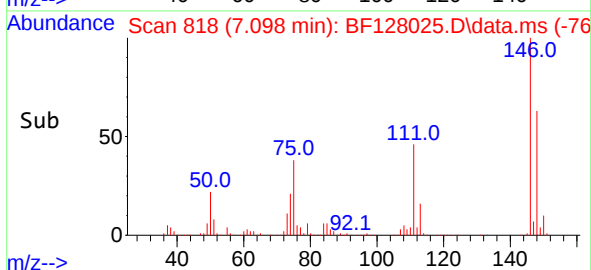
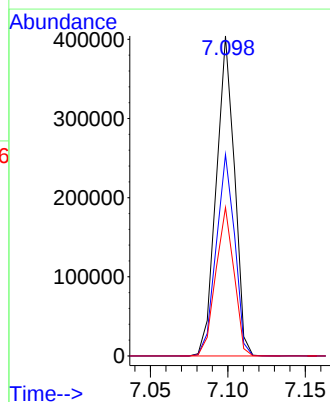
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

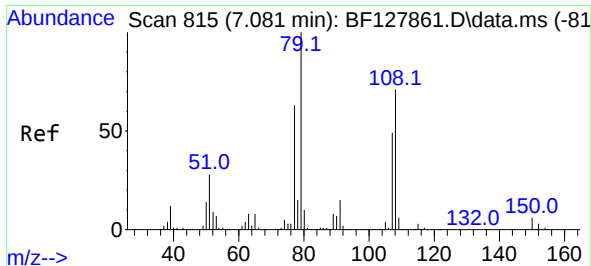


#14
1,2-Dichlorobenzene
Concen: 47.936 ng
RT: 7.098 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



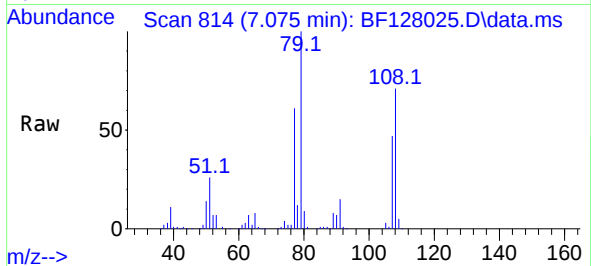
Tgt Ion:146 Resp: 329788
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.6
111 46.4 36.6 55.0





#15
Benzyl Alcohol
Concen: 55.054 ng
RT: 7.075 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

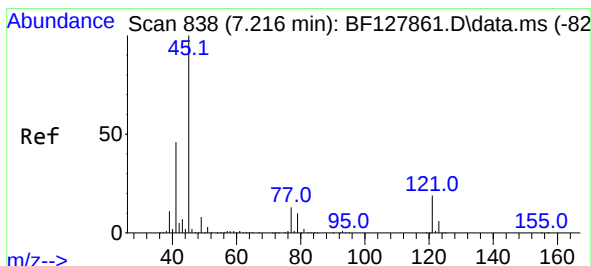
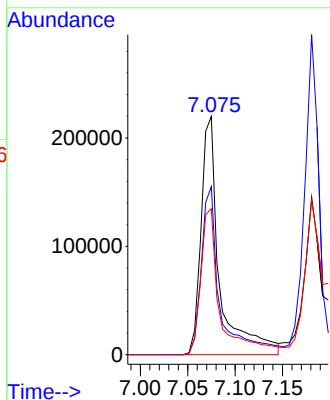
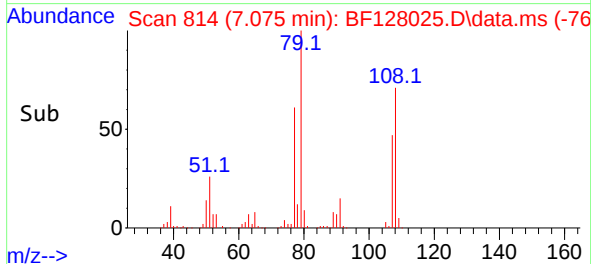
Instrument :
BNA_F
ClientSampleId :
TP-21MS



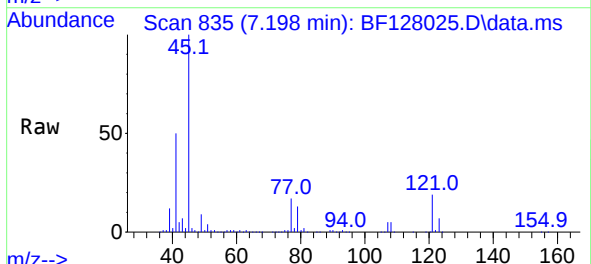
Tgt Ion: 79 Resp: 302730
Ion Ratio Lower Upper
79 100
108 70.5 57.0 85.6
77 61.3 50.2 75.4

Manual Integrations
APPROVED

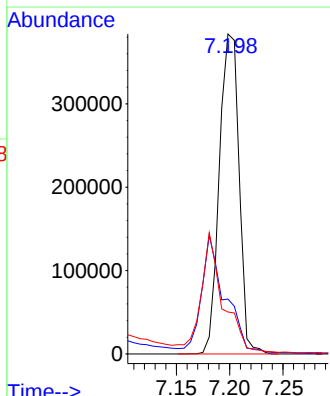
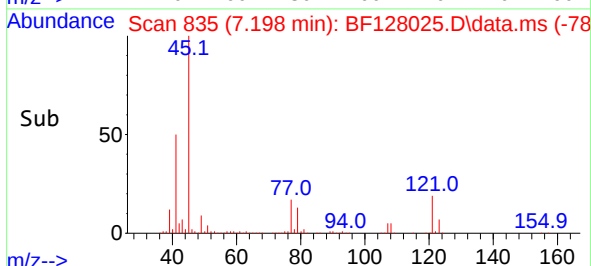
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

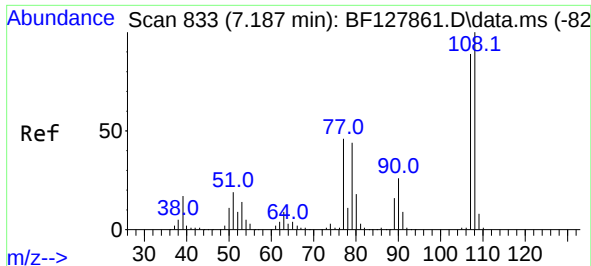


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.733 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



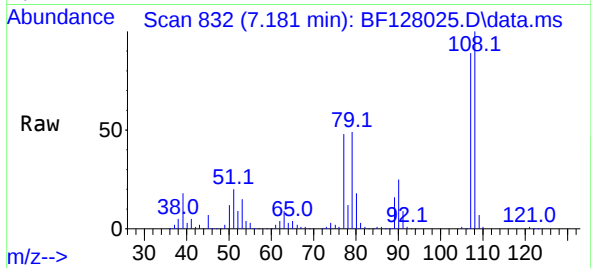
Tgt Ion: 45 Resp: 493562
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.9
79 13.1 0.0 31.6





#17
2-Methylphenol
Concen: 50.609 ng
RT: 7.181 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

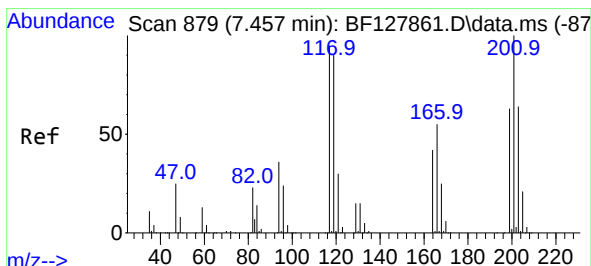
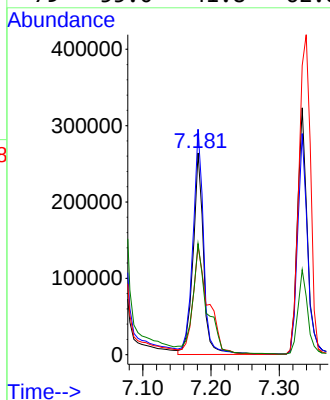
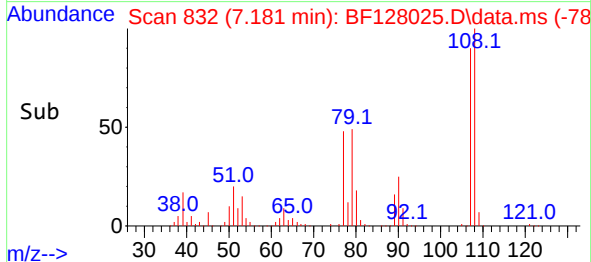
Instrument :
BNA_F
ClientSampleId :
TP-21MS



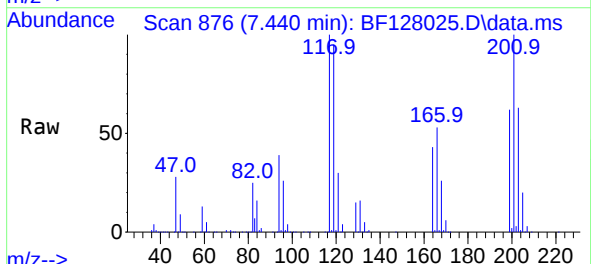
Tgt Ion:107 Resp: 282430
Ion Ratio Lower Upper
107 100
108 111.7 90.2 135.2
77 53.8 41.9 62.9
79 55.0 41.8 62.8

Manual Integrations
APPROVED

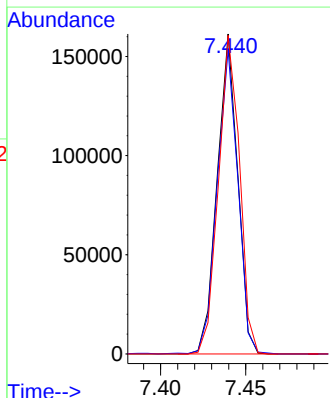
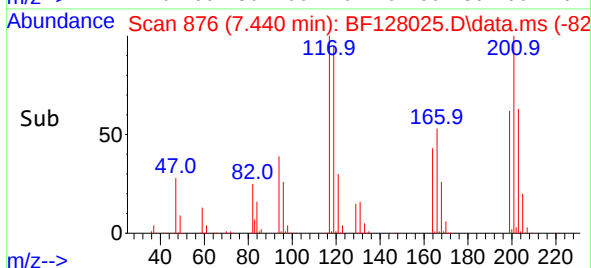
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

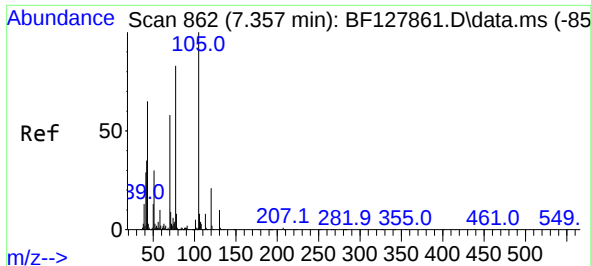


#18
Hexachloroethane
Concen: 49.211 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



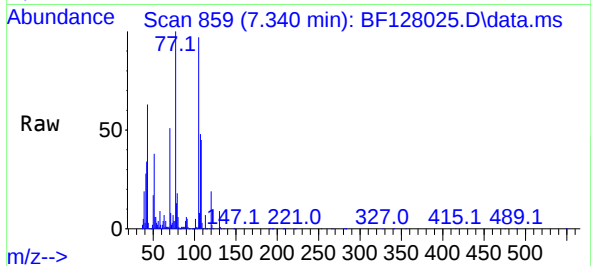
Tgt Ion:117 Resp: 134450
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4
201 99.6 84.4 126.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.909 ng
RT: 7.340 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

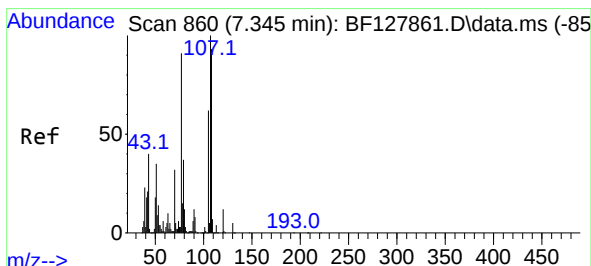
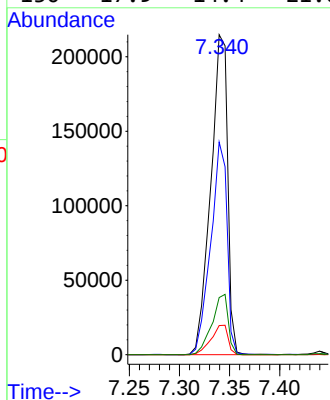
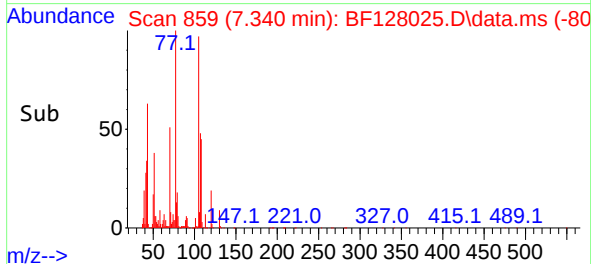
Instrument :
BNA_F
ClientSampleId :
TP-21MS



Tgt Ion: 70 Resp: 251999
Ion Ratio Lower Upper
70 100
42 66.5 48.7 73.1
101 9.1 7.2 10.8
130 17.9 14.4 21.6

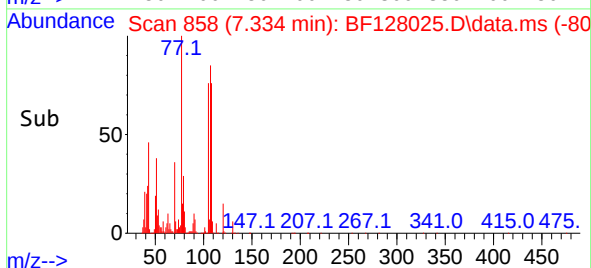
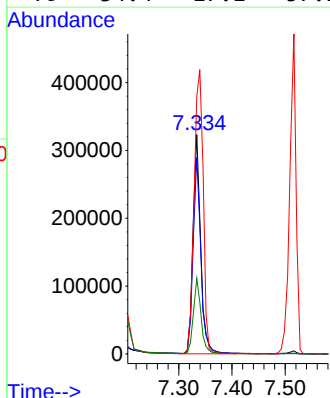
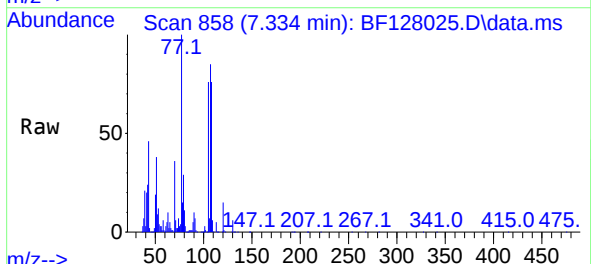
Manual Integrations
APPROVED

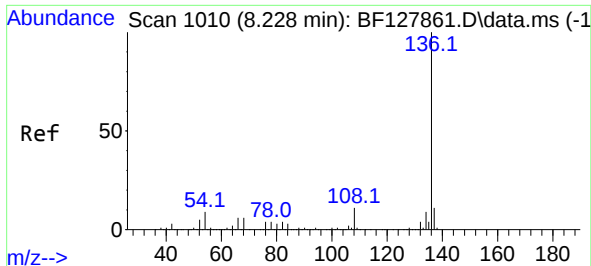
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#20
3+4-Methylphenols
Concen: 48.547 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

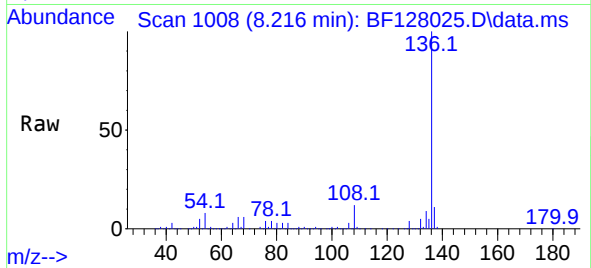
Tgt Ion:107 Resp: 327279
Ion Ratio Lower Upper
107 100
108 89.6 73.4 113.4
77 117.1 71.1 111.1#
79 34.4 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

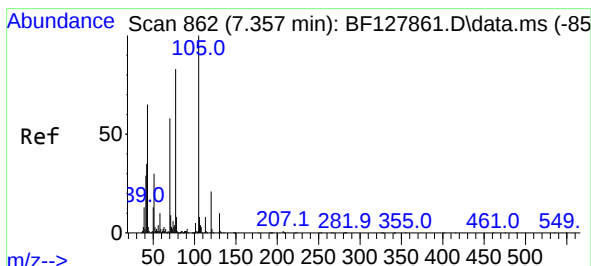
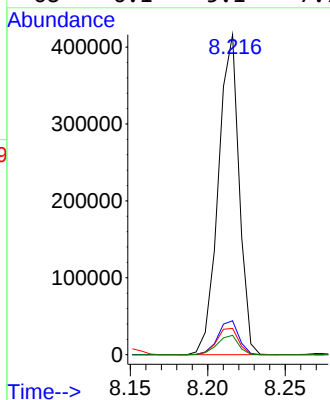
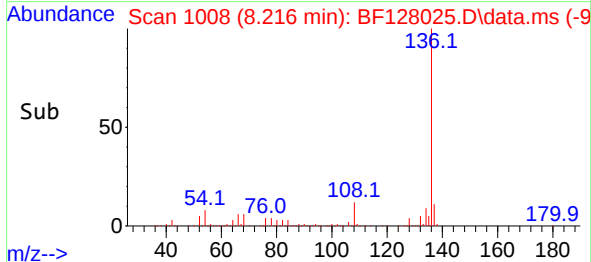
Instrument :
BNA_F
ClientSampleId :
TP-21MS



Tgt Ion:136 Resp: 38834
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.2 6.8 10.2
68 6.1 5.1 7.7

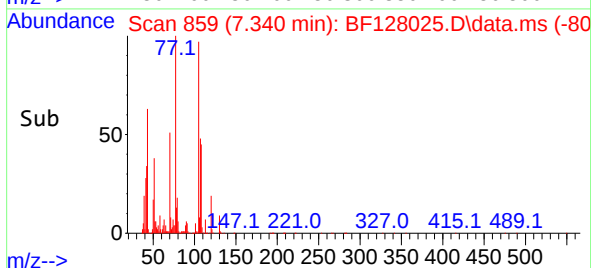
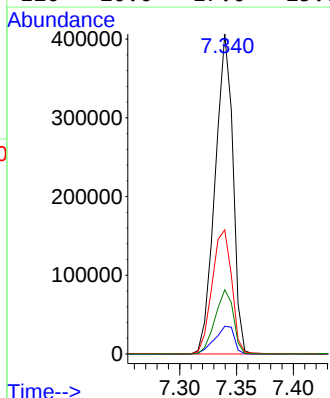
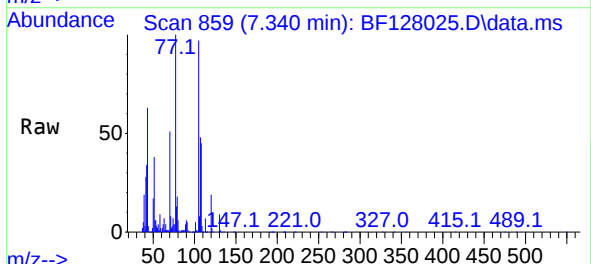
Manual Integrations
APPROVED

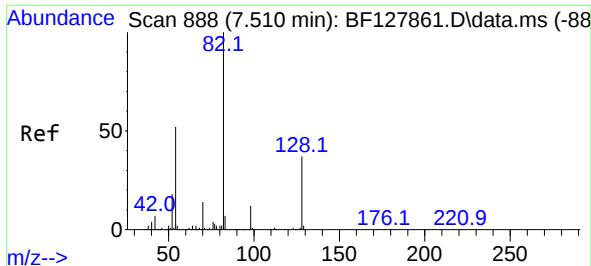
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#22
Acetophenone
Concen: 46.967 ng
RT: 7.340 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Tgt Ion:105 Resp: 444554
Ion Ratio Lower Upper
105 100
71 8.7 7.3 10.9
51 38.8 23.7 35.5#
120 20.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 71.224 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

TP-21MS

Tgt Ion: 82 Resp: 588194

Ion Ratio Lower Upper

82 100

128 39.0 30.0 45.0

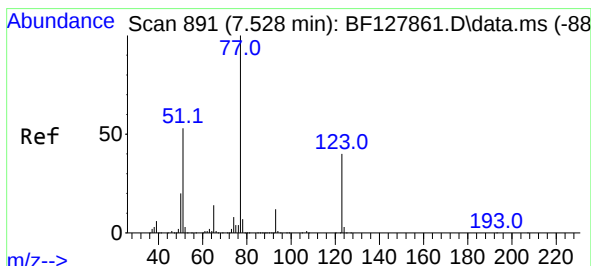
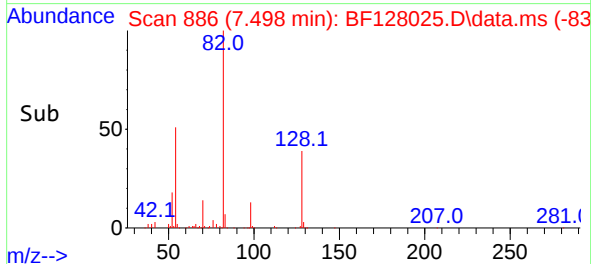
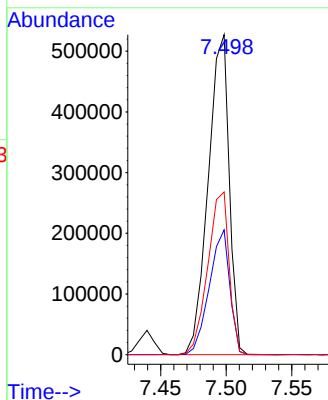
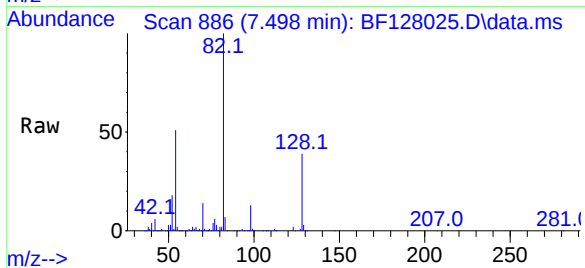
54 50.8 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#24

Nitrobenzene

Concen: 49.367 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

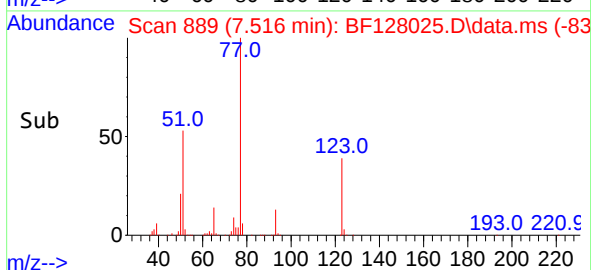
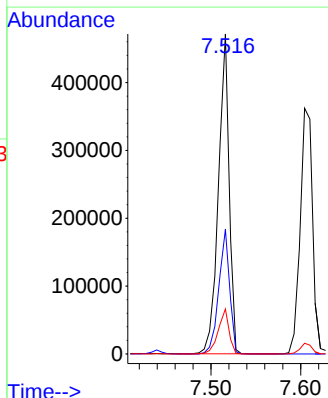
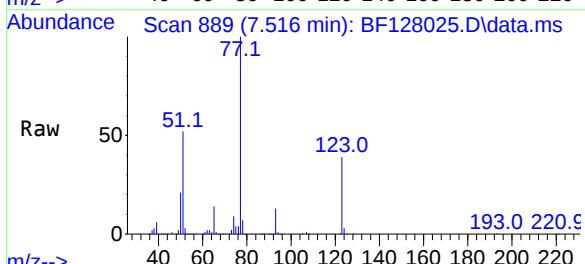
Tgt Ion: 77 Resp: 392855

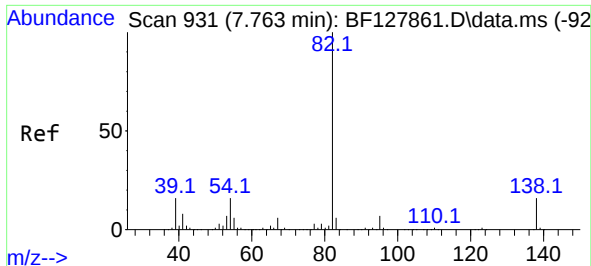
Ion Ratio Lower Upper

77 100

123 38.9 32.0 48.0

65 14.0 11.0 16.6





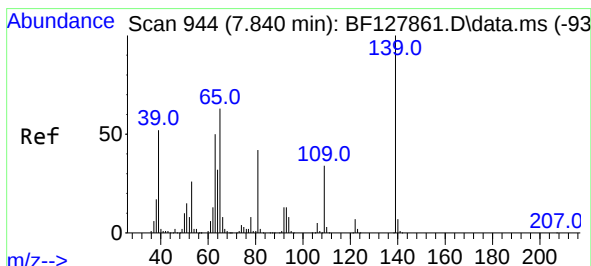
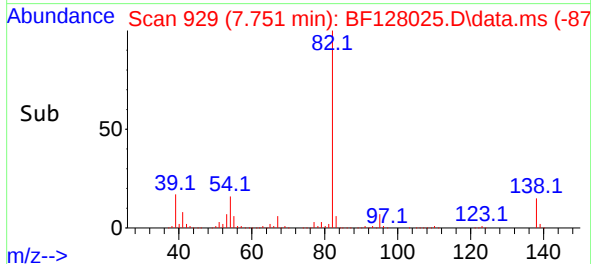
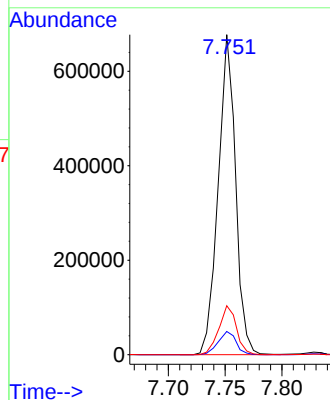
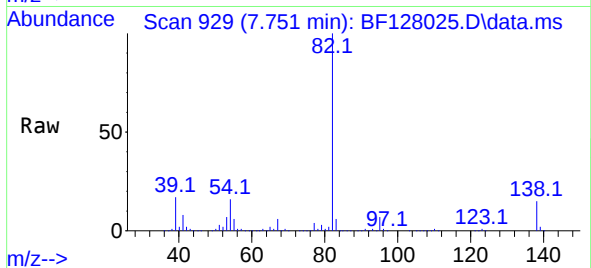
#25
Isophorone
Concen: 51.931 ng
RT: 7.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion: 82 Resp: 72181
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 15.3 12.5 18.7

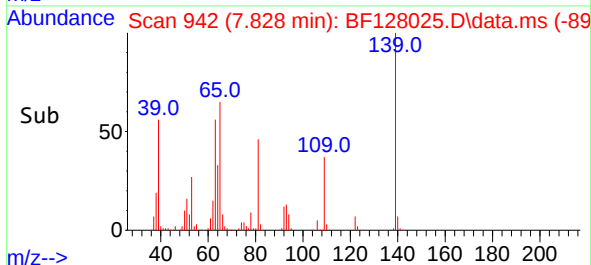
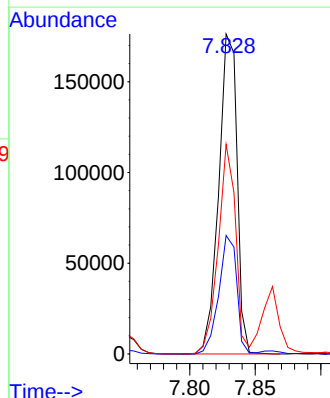
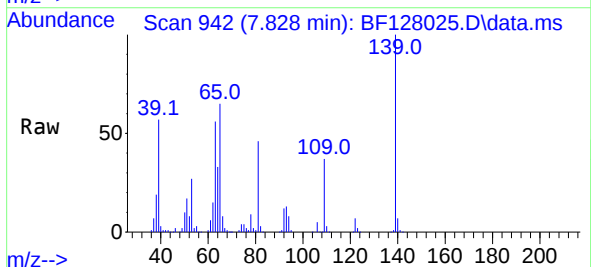
Manual Integrations
APPROVED

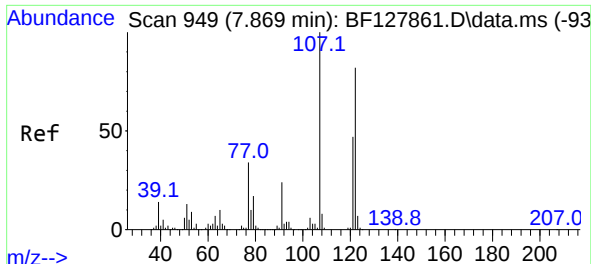
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#26
2-Nitrophenol
Concen: 50.500 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

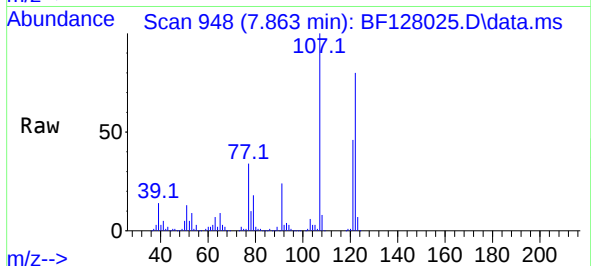
Tgt Ion:139 Resp: 171247
Ion Ratio Lower Upper
139 100
109 37.0 27.4 41.2
65 65.5 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 53.204 ng
RT: 7.863 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

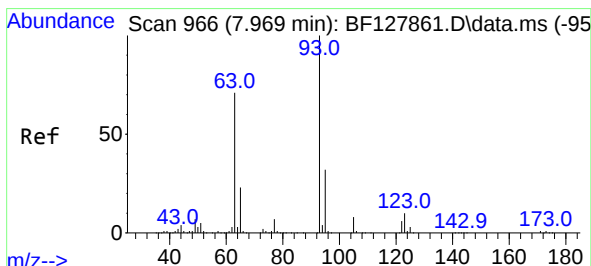
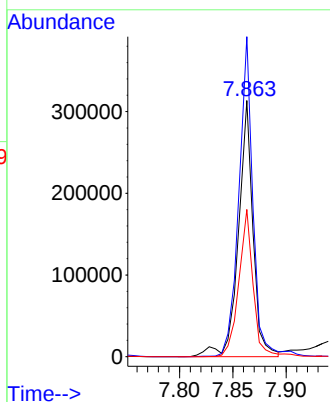
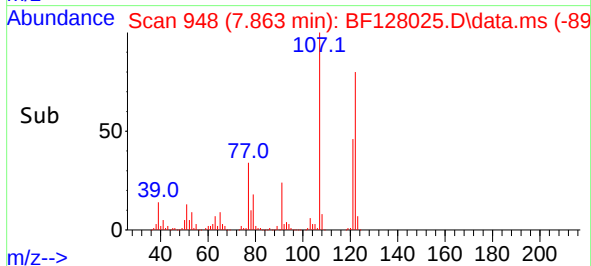
Instrument :
BNA_F
ClientSampleId :
TP-21MS



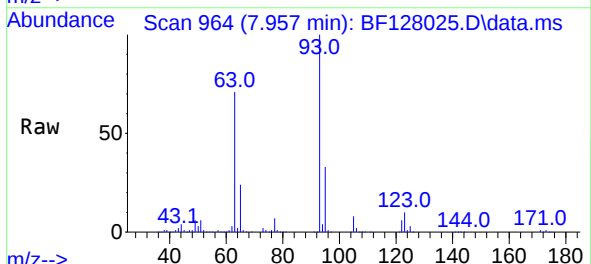
Tgt Ion:122 Resp: 299669
Ion Ratio Lower Upper
122 100
107 124.9 97.5 146.3
121 57.5 46.0 69.0

Manual Integrations
APPROVED

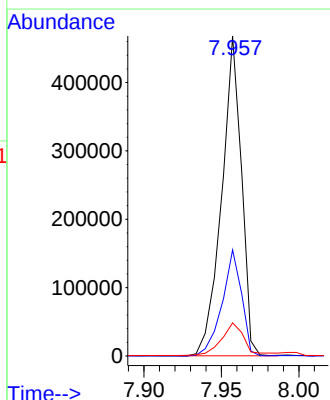
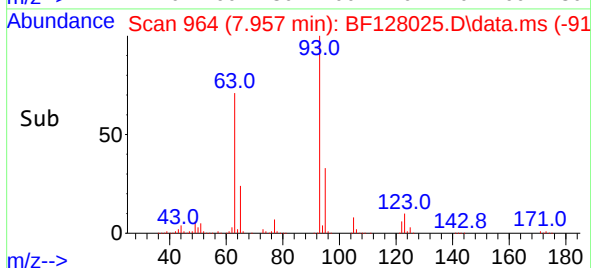
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

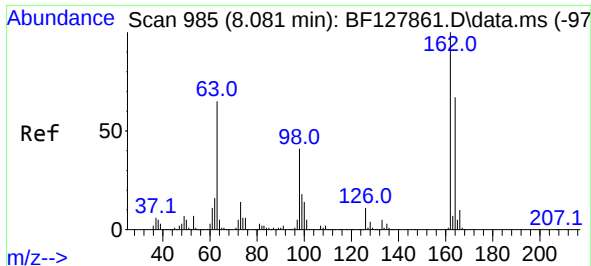


#28
bis(2-Chloroethoxy)methane
Concen: 46.586 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion: 93 Resp: 414983
Ion Ratio Lower Upper
93 100
95 33.2 25.7 38.5
123 10.4 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.175 ng

RT: 8.075 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

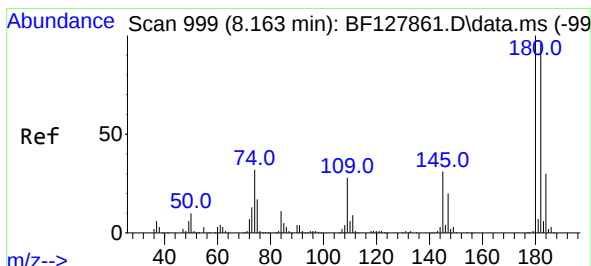
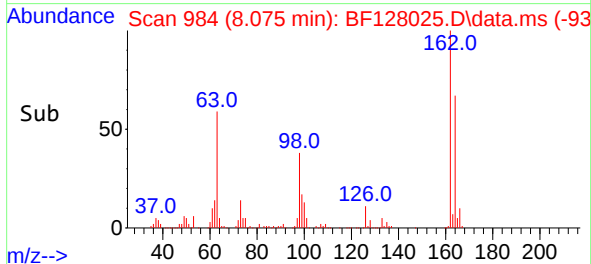
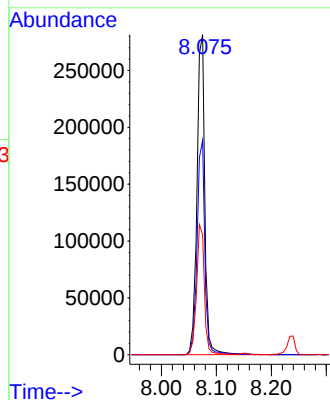
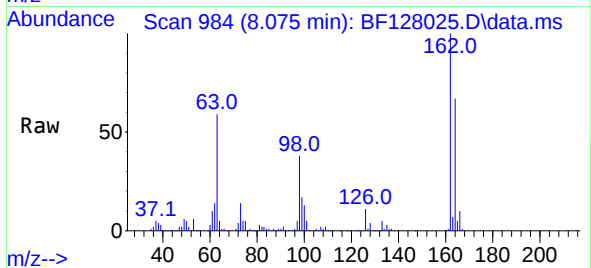
TP-21MS

Tgt Ion:162 Resp: 27836
 Ion Ratio Lower Upper
 162 100
 164 66.9 47.1 87.1
 98 37.6 20.7 60.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.205 ng

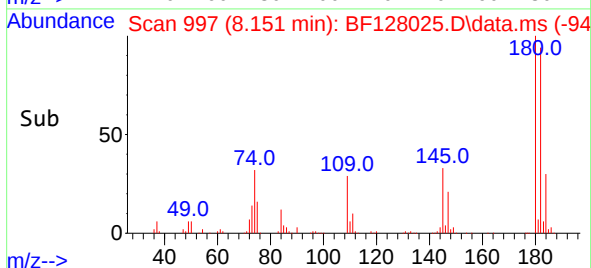
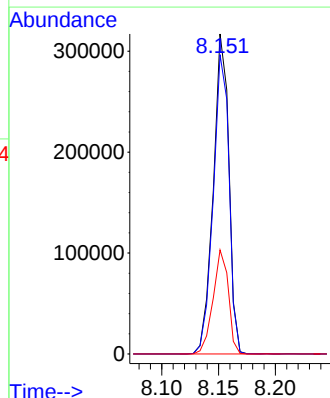
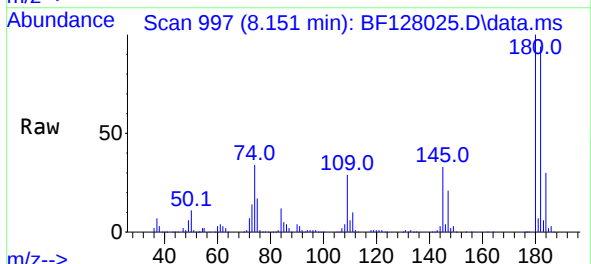
RT: 8.151 min Scan# 997

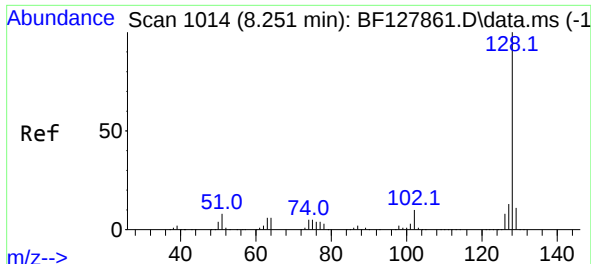
Delta R.T. -0.006 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

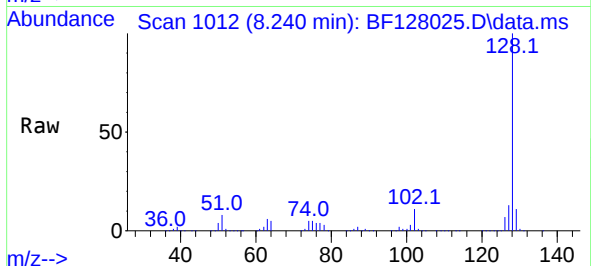
Tgt Ion:180 Resp: 302998
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.4 114.6
 145 32.5 25.1 37.7





#31
Naphthalene
Concen: 46.132 ng
RT: 8.240 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

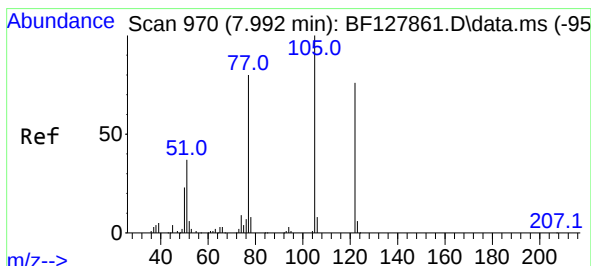
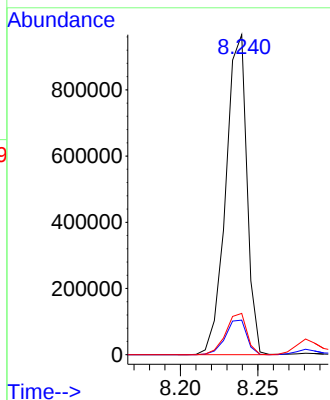
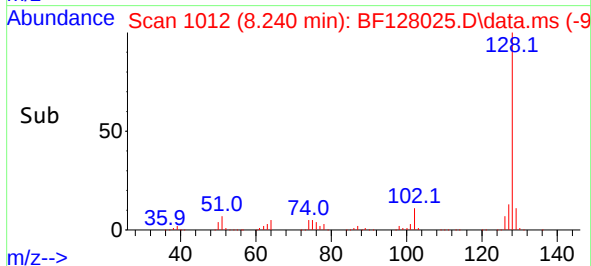
Instrument :
BNA_F
ClientSampleId :
TP-21MS



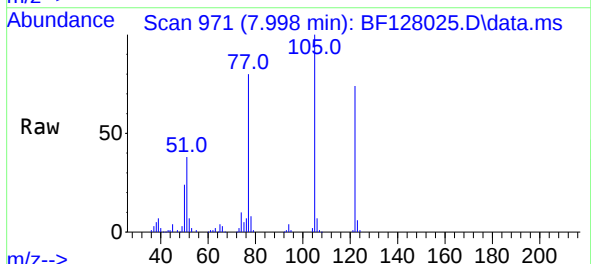
Tgt Ion:128 Resp: 91244
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.6 16.0

Manual Integrations
APPROVED

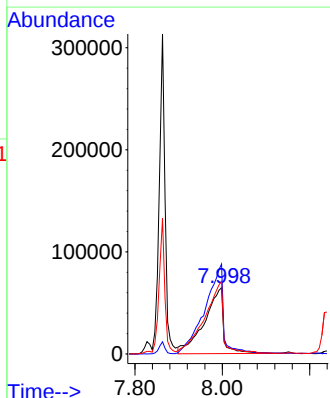
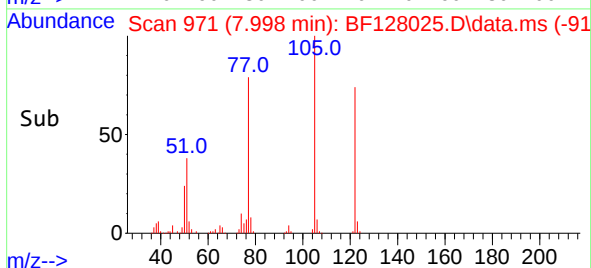
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

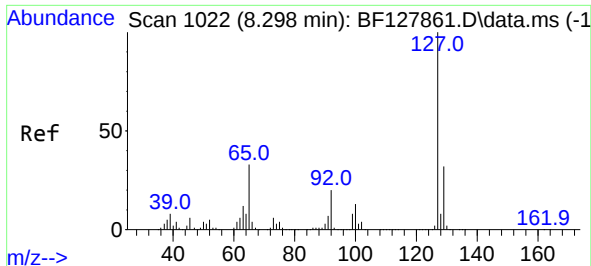


#32
Benzoic acid
Concen: 49.113 ng
RT: 7.998 min Scan# 971
Delta R.T. 0.012 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:122 Resp: 198276
Ion Ratio Lower Upper
122 100
105 135.8 107.9 147.9
77 109.3 82.5 122.5





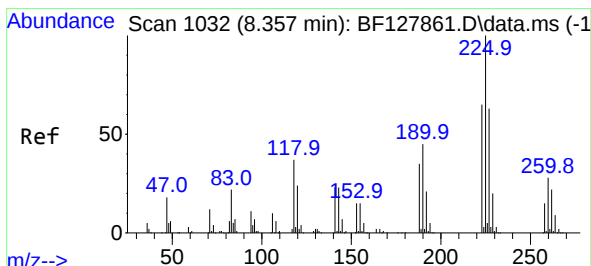
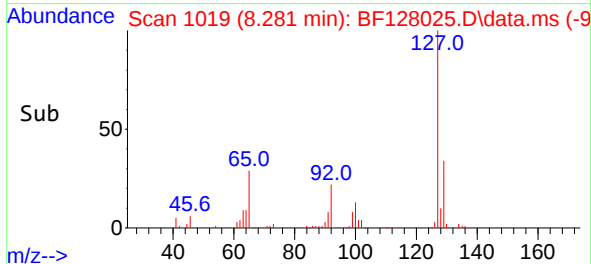
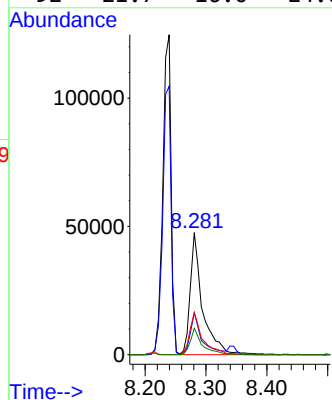
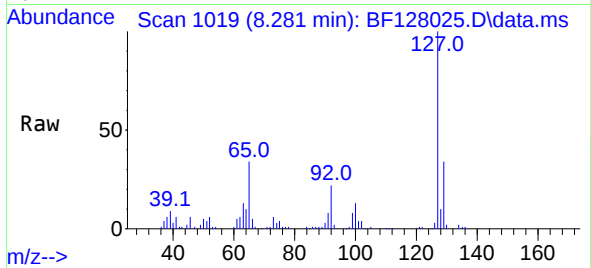
#33
4-Chloroaniline
Concen: 8.629 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion:127	Resp: 67528
Ion Ratio	Lower Upper
127 100	
129 34.2	25.8 38.8
65 34.4	26.7 40.1
92 21.7	16.0 24.0

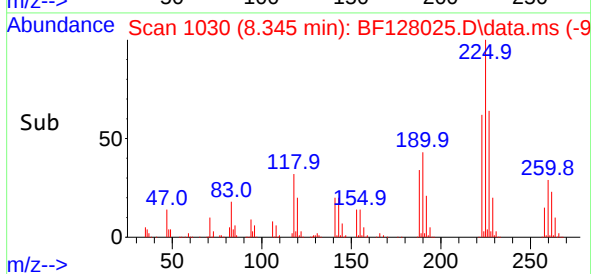
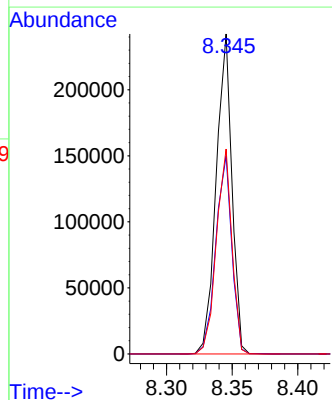
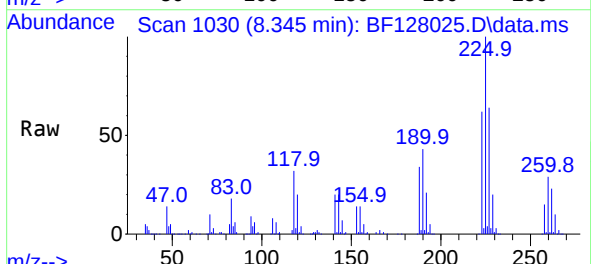
Manual Integrations
APPROVED

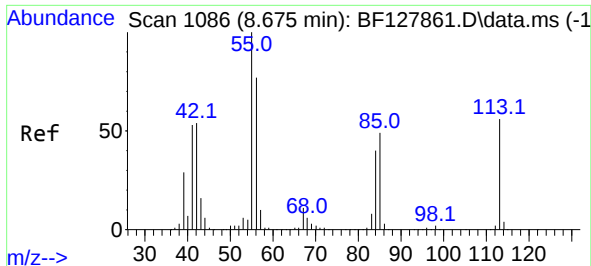
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#34
Hexachlorobutadiene
Concen: 47.781 ng
RT: 8.345 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

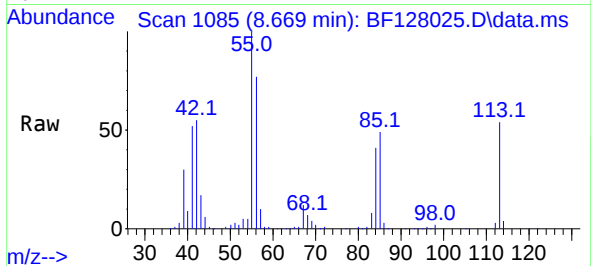
Tgt Ion:225	Resp: 201727
Ion Ratio	Lower Upper
225 100	
223 62.0	52.0 78.0
227 64.0	50.7 76.1





#35
Caprolactam
Concen: 47.309 ng m
RT: 8.669 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

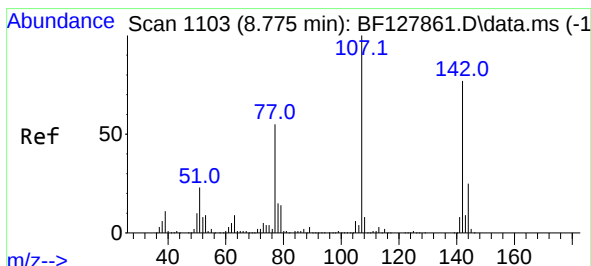
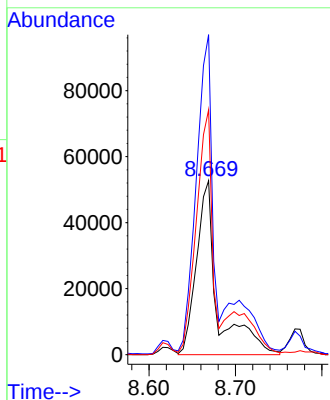
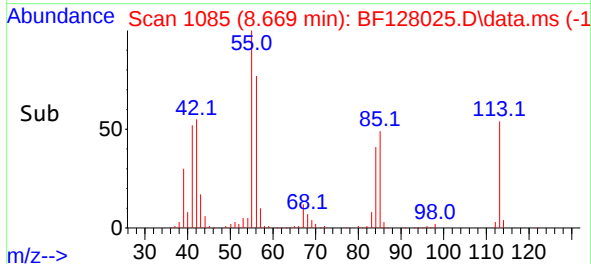
Instrument :
BNA_F
ClientSampleId :
TP-21MS



Tgt Ion:113 Resp: 90110
Ion Ratio Lower Upper
113 100
55 184.0 157.4 197.4
56 140.8 116.1 156.1

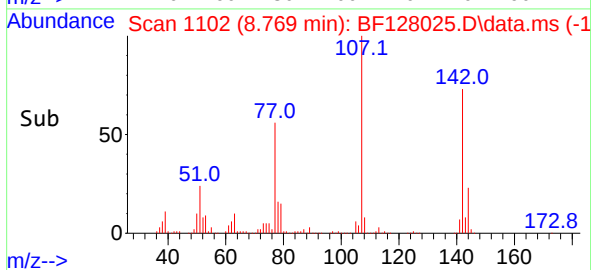
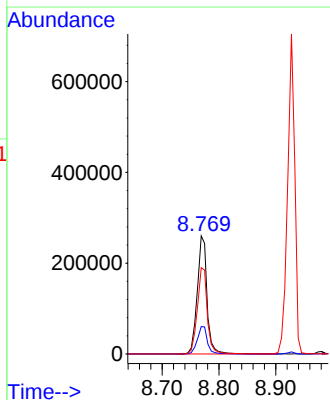
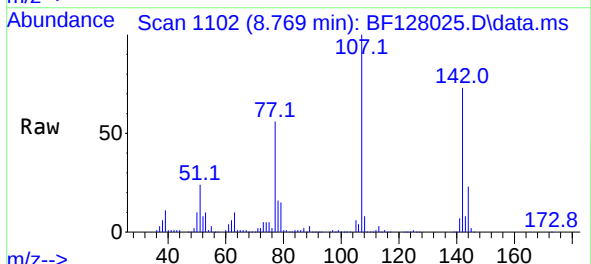
Manual Integrations
APPROVED

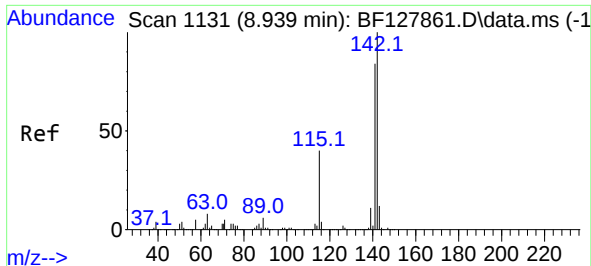
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#36
4-Chloro-3-methylphenol
Concen: 49.492 ng
RT: 8.769 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Tgt Ion:107 Resp: 311893
Ion Ratio Lower Upper
107 100
144 23.2 20.2 30.4
142 73.1 61.5 92.3





#37

2-Methylnaphthalene

Concen: 47.276 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

TP-21MS

Tgt Ion:142 Resp: 617970

Ion Ratio Lower Upper

142 100

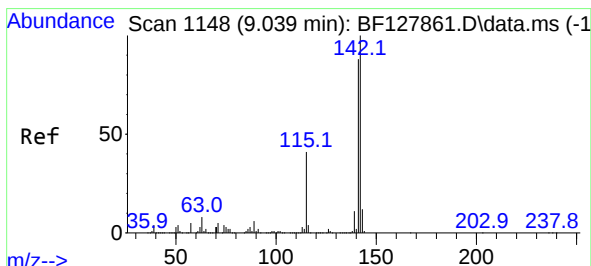
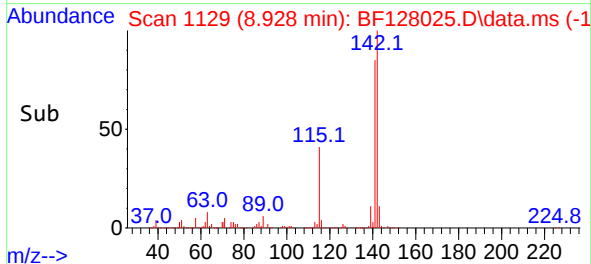
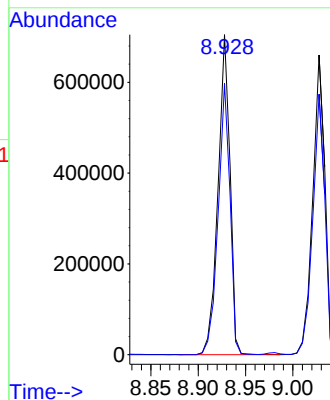
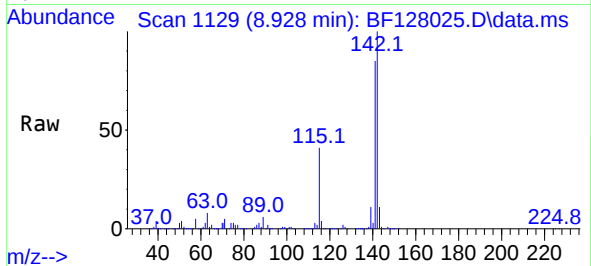
141 84.8 67.4 101.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#38

1-Methylnaphthalene

Concen: 46.158 ng

RT: 9.028 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF128025.D

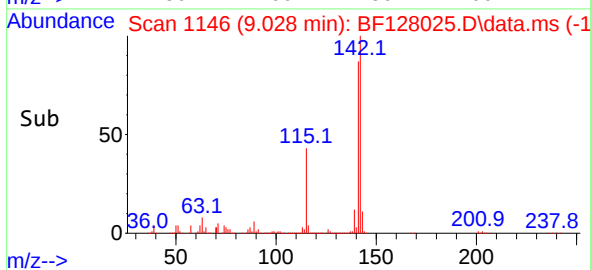
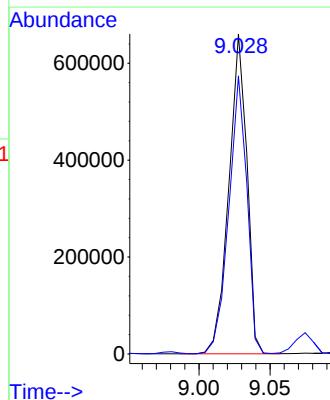
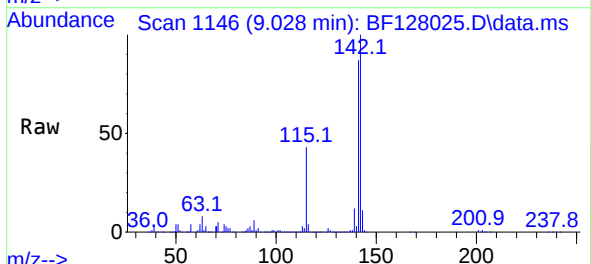
Acq: 02 May 2022 14:48

Tgt Ion:142 Resp: 586455

Ion Ratio Lower Upper

142 100

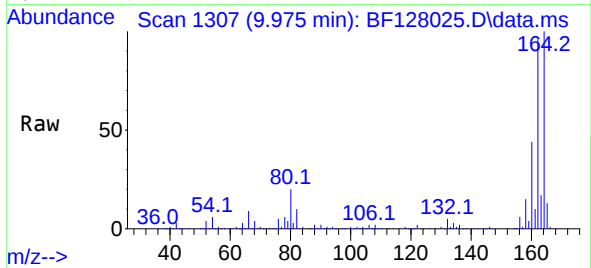
141 86.9 70.1 105.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

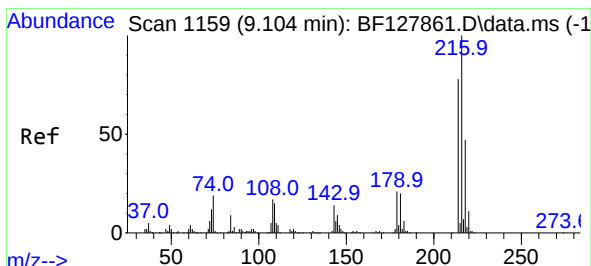
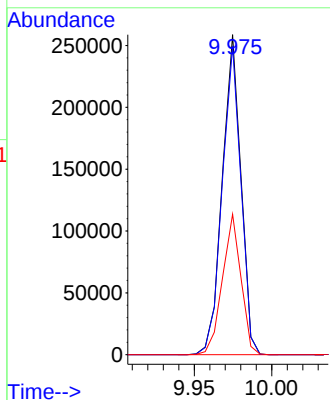
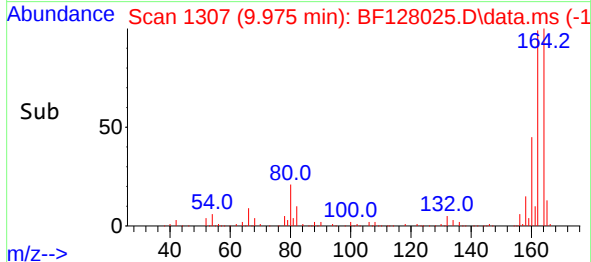
Instrument :
BNA_F
ClientSampleId :
TP-21MS



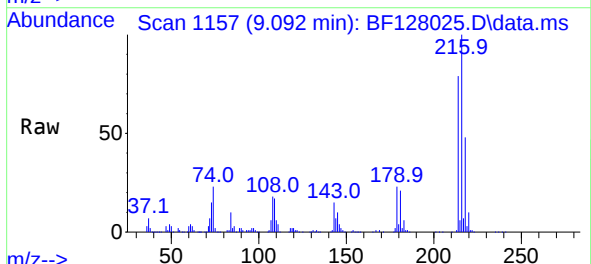
Tgt Ion:164 Resp: 216017
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 43.9 34.8 52.2

Manual Integrations
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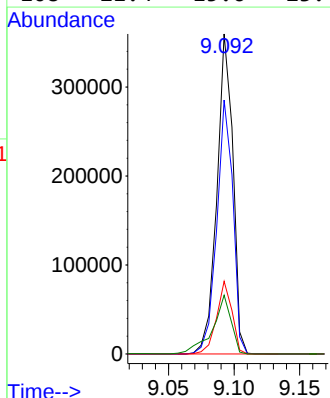
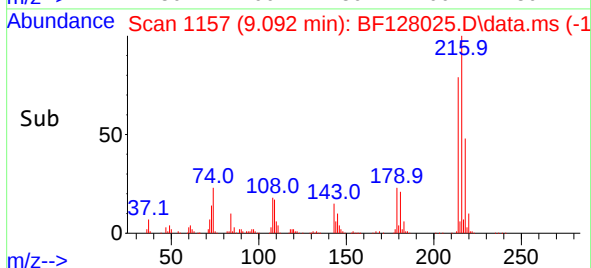
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

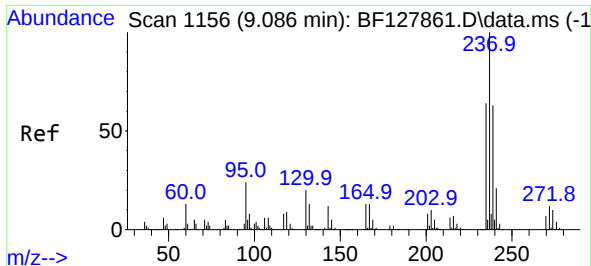


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.727 ng
RT: 9.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



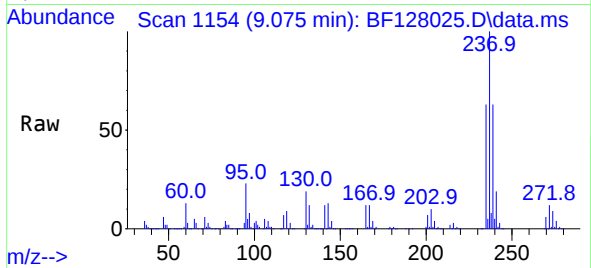
Tgt Ion:216 Resp: 303882
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
179 21.8 16.9 25.3
108 21.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 96.822 ng
RT: 9.075 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

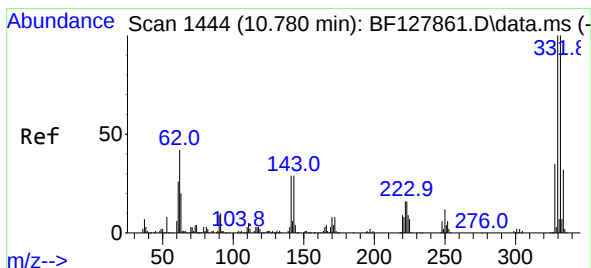
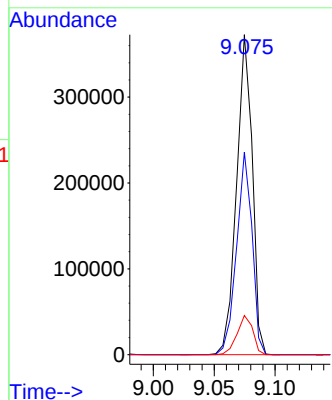
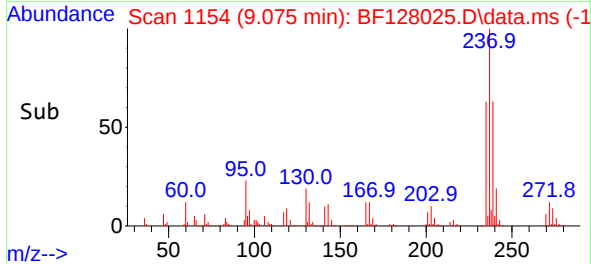
Instrument :
BNA_F
ClientSampleId :
TP-21MS



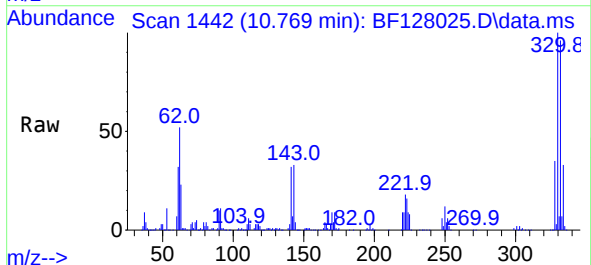
Tgt Ion:237 Resp: 334002
Ion Ratio Lower Upper
237 100
235 63.3 43.6 83.6
272 12.2 0.0 32.1

Manual Integrations
APPROVED

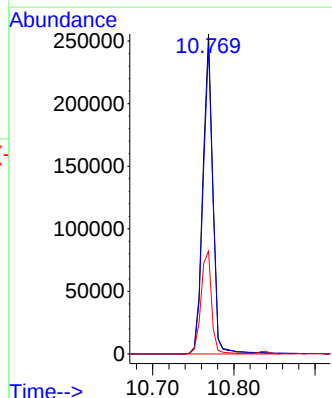
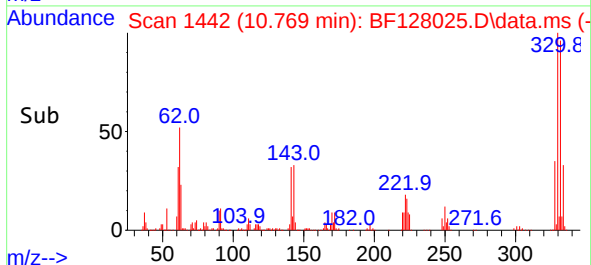
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

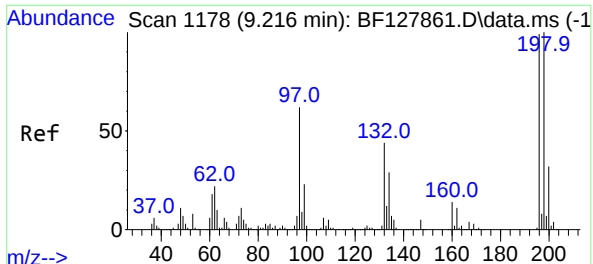


#42
2,4,6-Tribromophenol
Concen: 101.045 ng
RT: 10.769 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:330 Resp: 219730
Ion Ratio Lower Upper
330 100
332 95.2 79.0 118.4
141 34.0 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 47.393 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

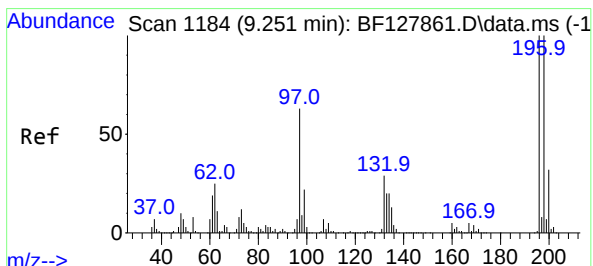
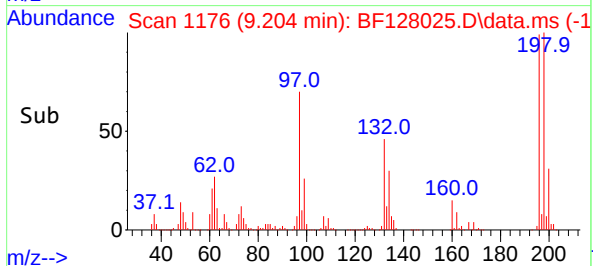
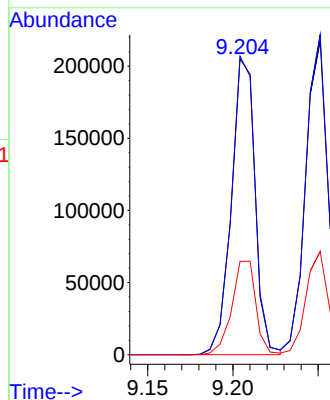
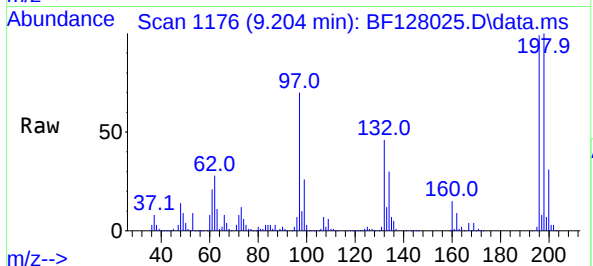
TP-21MS

Tgt Ion:196 Resp: 198552
 Ion Ratio Lower Upper
 196 100
 198 100.9 80.4 120.6
 200 31.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#44

2,4,5-Trichlorophenol

Concen: 46.216 ng

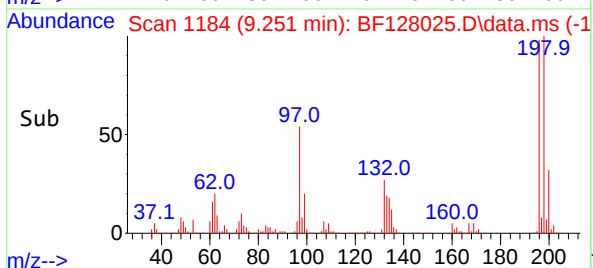
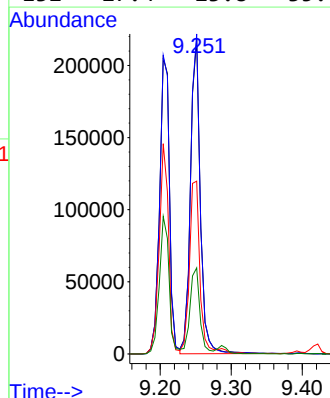
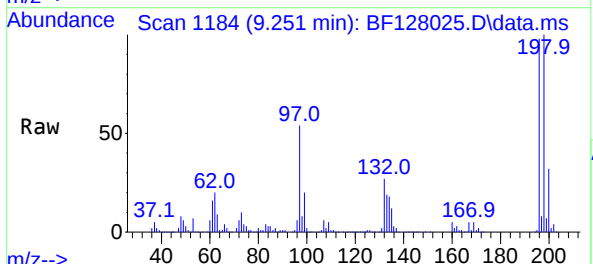
RT: 9.251 min Scan# 1184

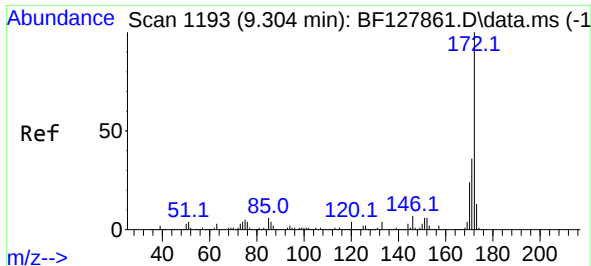
Delta R.T. 0.006 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

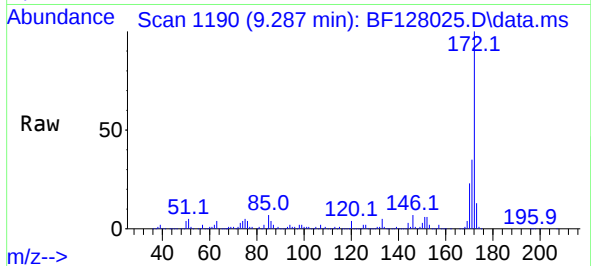
Tgt Ion:196 Resp: 210486
 Ion Ratio Lower Upper
 196 100
 198 101.8 80.2 120.2
 97 55.0 50.3 75.5
 132 27.4 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 75.286 ng
RT: 9.287 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

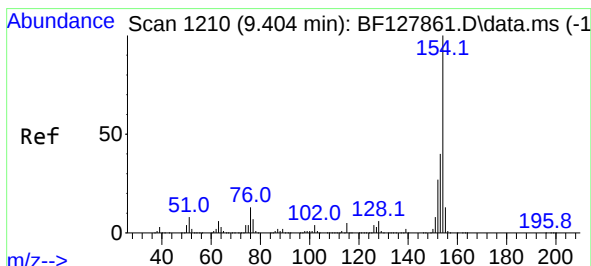
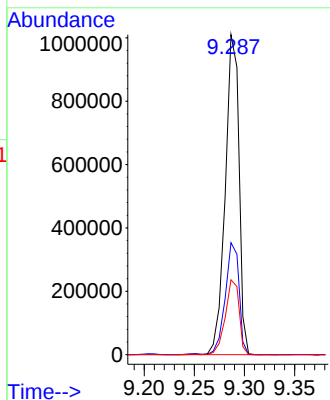
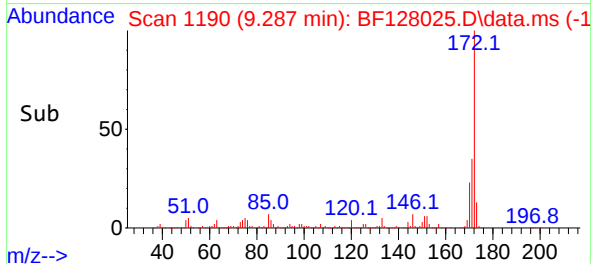
Instrument :
BNA_F
ClientSampleId :
TP-21MS



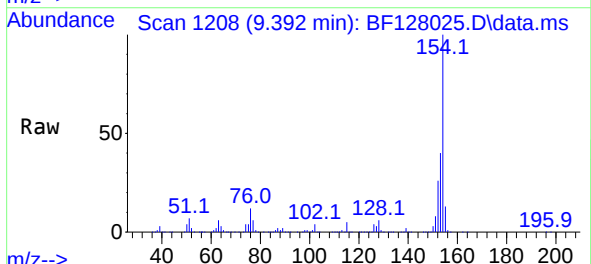
Tgt Ion:172 Resp: 961315
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.4 19.1 28.7

Manual Integrations
APPROVED

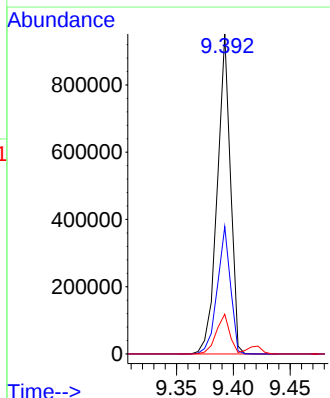
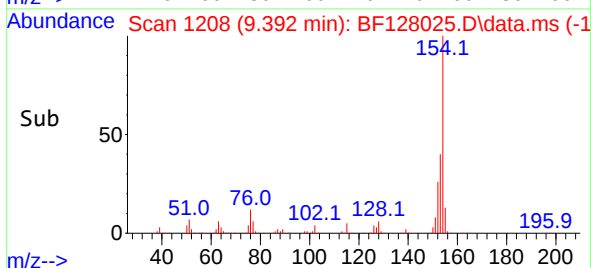
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

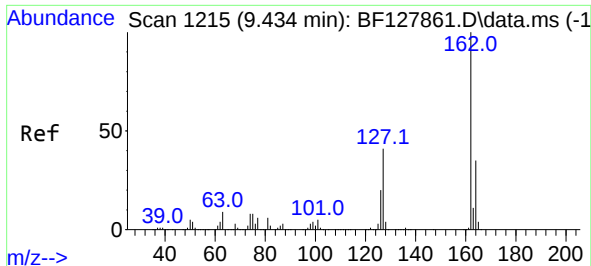


#46
1,1'-Biphenyl
Concen: 48.142 ng
RT: 9.392 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:154 Resp: 770339
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 12.5 0.0 33.2





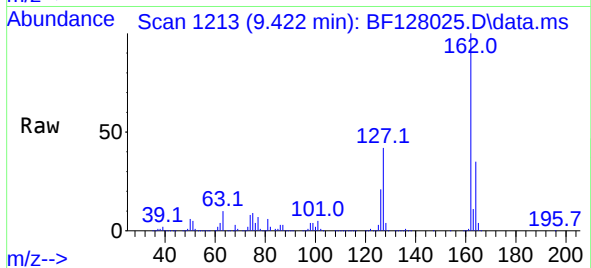
#47
2-Chloronaphthalene
Concen: 46.404 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

TP-21MS

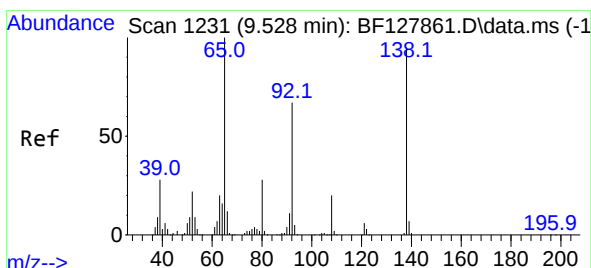
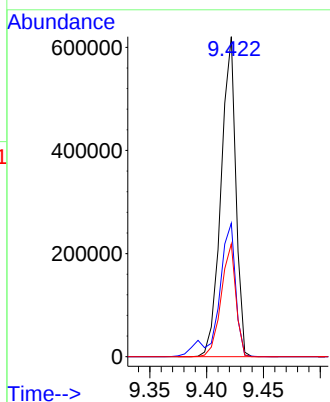
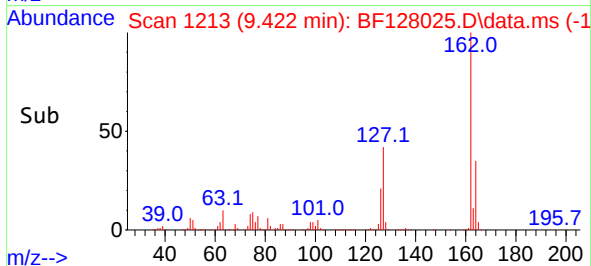


Tgt Ion:162 Resp: 565250
Ion Ratio Lower Upper
162 100
127 41.7 32.9 49.3
164 35.3 28.2 42.2

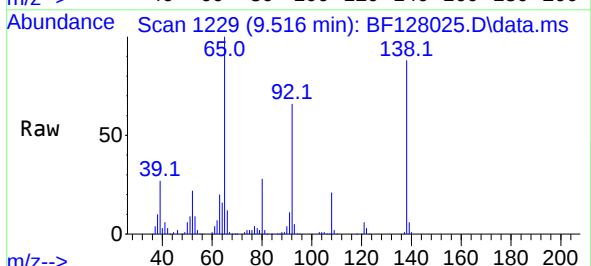
Manual Integrations

APPROVED

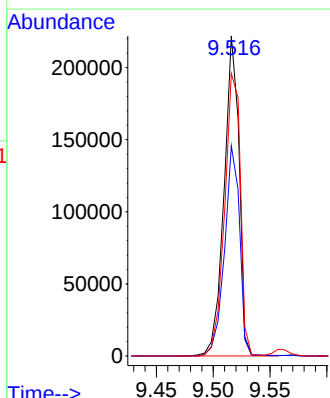
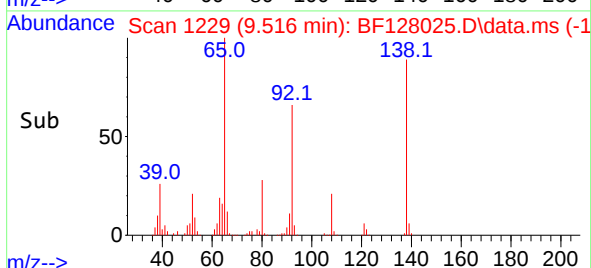
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

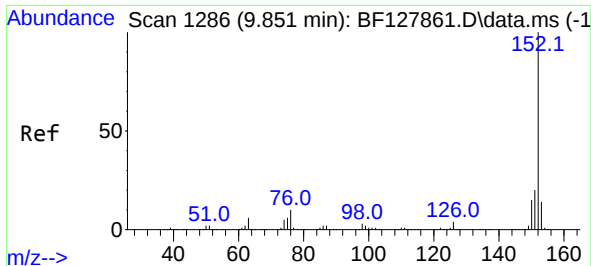


#48
2-Nitroaniline
Concen: 49.651 ng
RT: 9.516 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion: 65 Resp: 204586
Ion Ratio Lower Upper
65 100
92 65.7 53.7 80.5
138 88.3 76.4 114.6





#49

Acenaphthylene

Concen: 48.574 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF128025.D

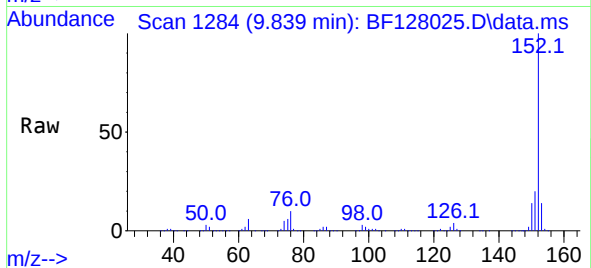
Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

TP-21MS



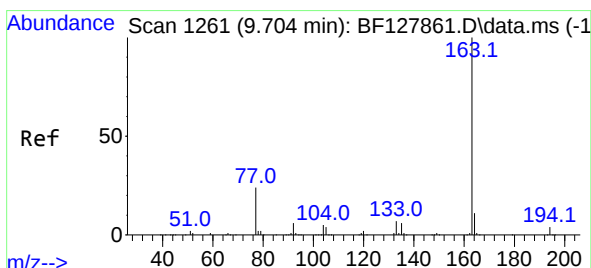
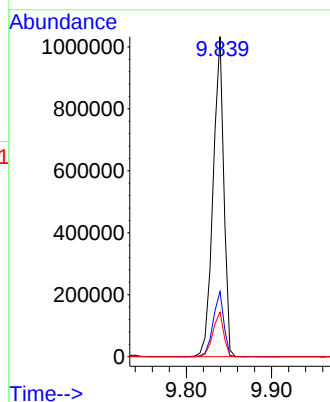
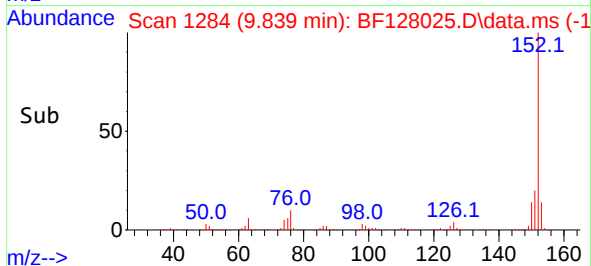
Tgt Ion:152 Resp: 90509

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.0	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#50

Dimethylphthalate

Concen: 48.570 ng

RT: 9.692 min Scan# 1259

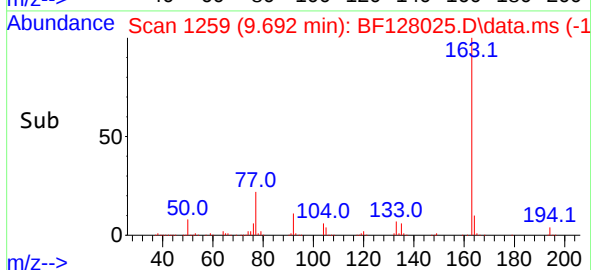
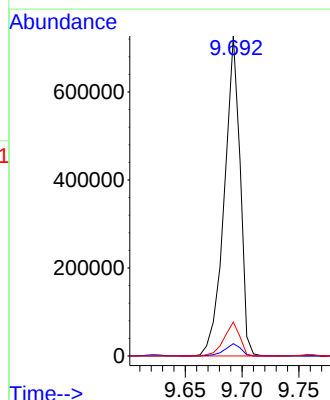
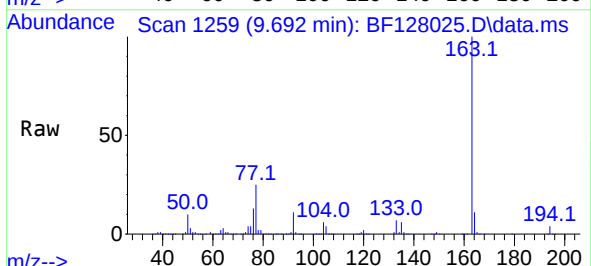
Delta R.T. -0.006 min

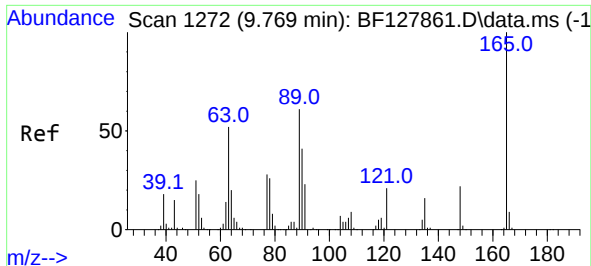
Lab File: BF128025.D

Acq: 02 May 2022 14:48

Tgt Ion:163 Resp: 703651

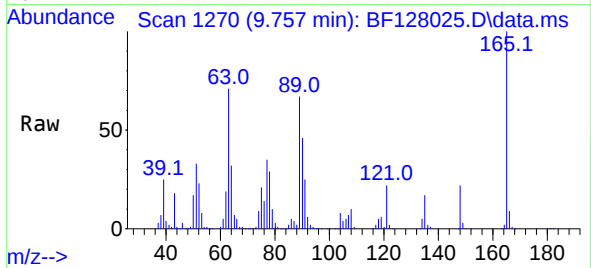
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.6	8.6	13.0





#51
2,6-Dinitrotoluene
Concen: 50.446 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

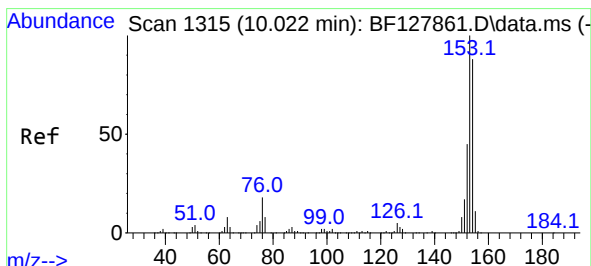
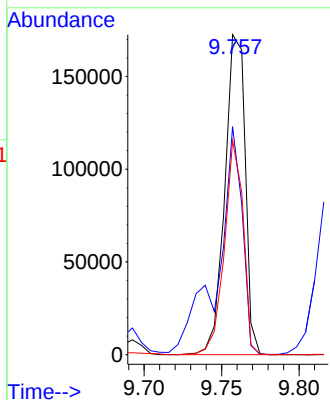
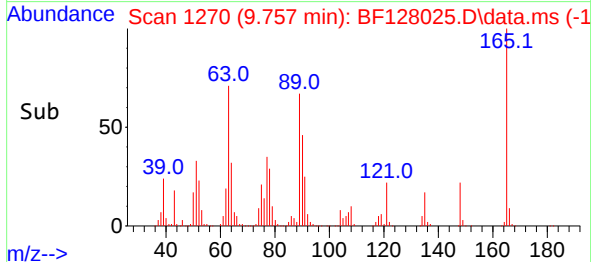
Instrument :
BNA_F
ClientSampleId :
TP-21MS



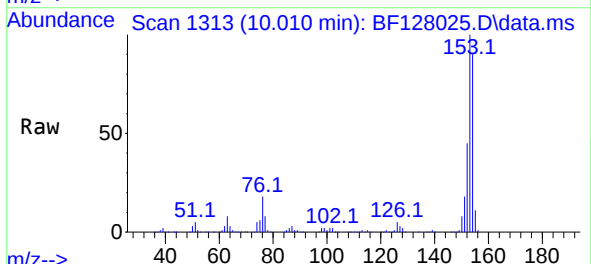
Tgt Ion:165 Resp: 158232
Ion Ratio Lower Upper
165 100
63 71.3 49.5 74.3
89 66.9 49.0 73.4

Manual Integrations
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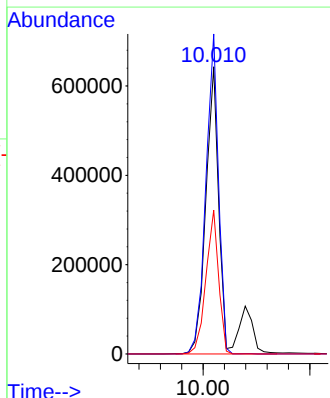
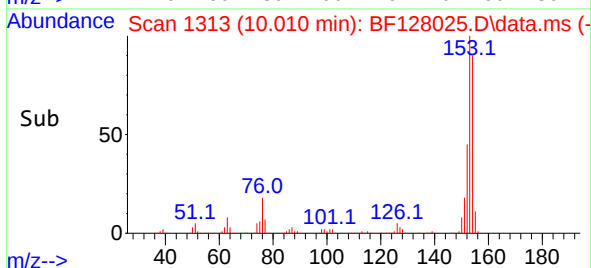
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

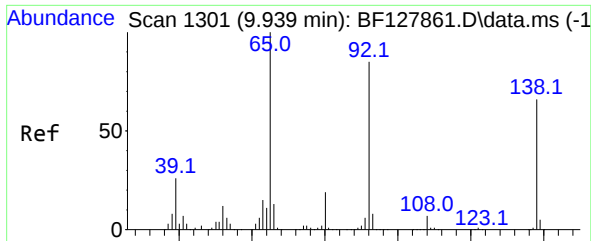


#52
Acenaphthene
Concen: 50.389 ng m
RT: 10.010 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:154 Resp: 631232
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 50.1 41.0 61.6





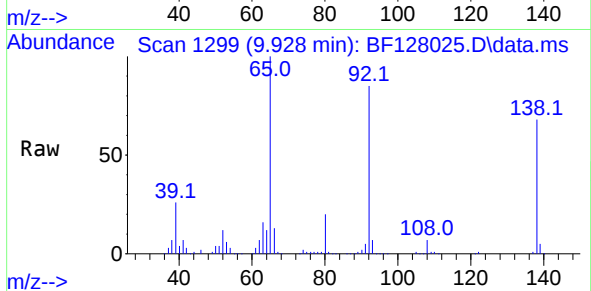
#53
3-Nitroaniline
Concen: 21.563 ng
RT: 9.928 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

TP-21MS

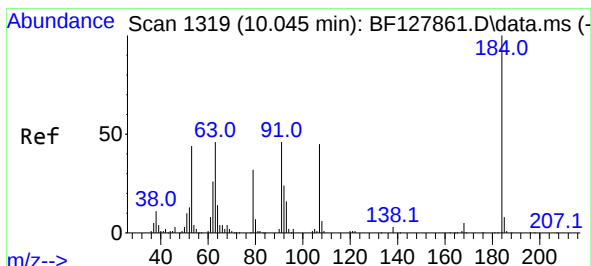
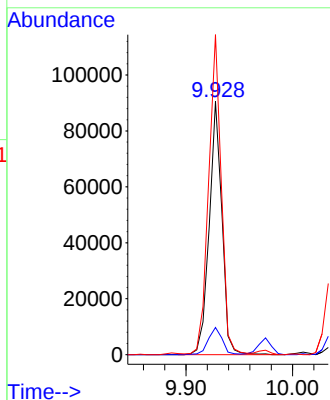
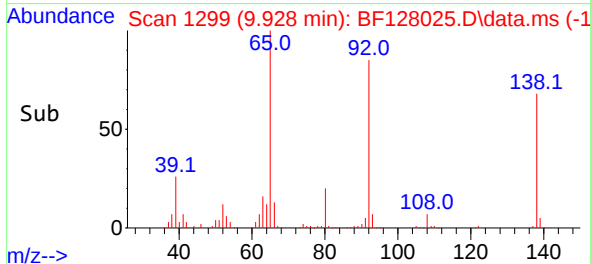


Tgt Ion:138 Resp: 75107
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 126.4 102.7 154.1

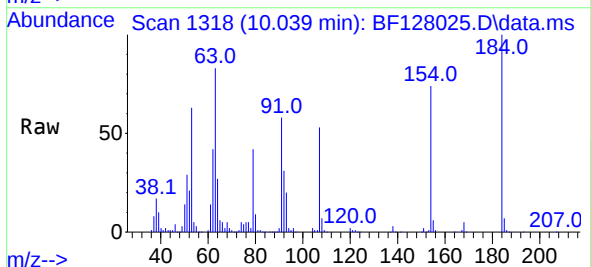
Manual Integrations

APPROVED

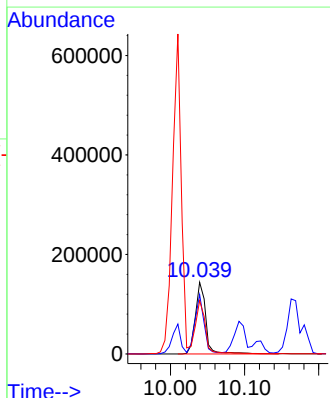
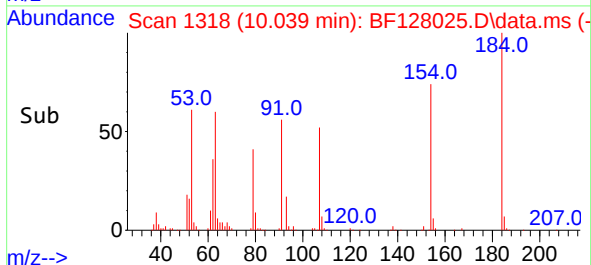
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

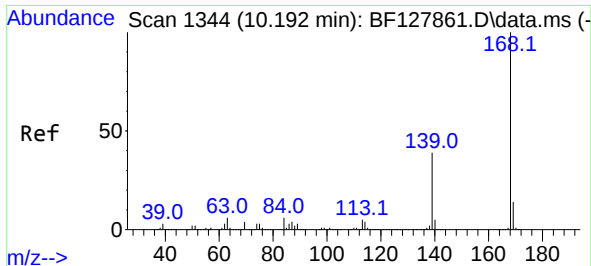


#54
2,4-Dinitrophenol
Concen: 85.265 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



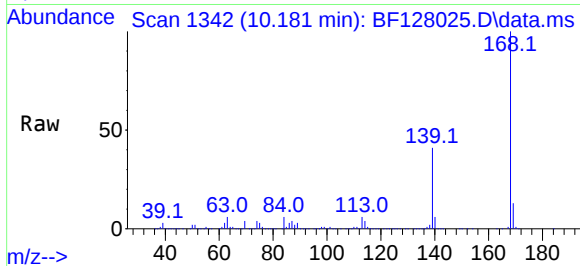
Tgt Ion:184 Resp: 140849
Ion Ratio Lower Upper
184 100
63 82.9 50.0 75.0#
154 74.5 51.7 77.5





#55
Dibenzenofuran
Concen: 44.838 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

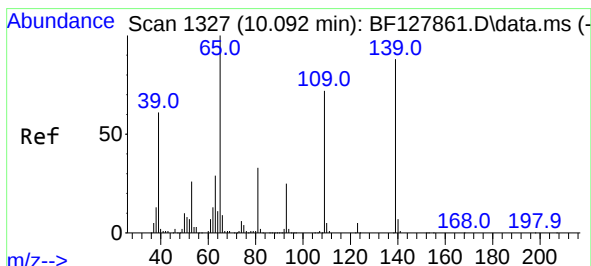
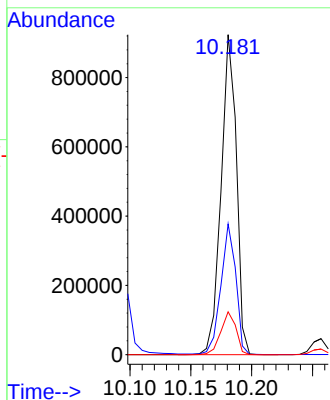
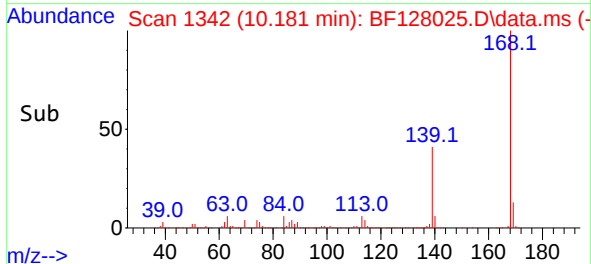
Instrument :
BNA_F
ClientSampleId :
TP-21MS



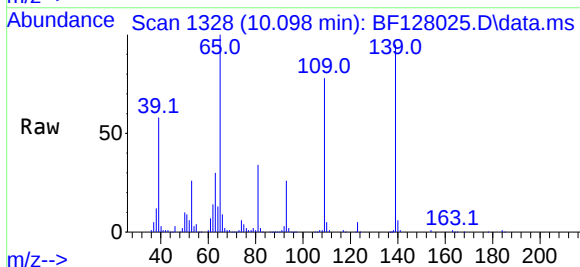
Tgt Ion:168 Resp: 810390
Ion Ratio Lower Upper
168 100
139 40.9 31.7 47.5
169 13.4 10.9 16.3

Manual Integrations
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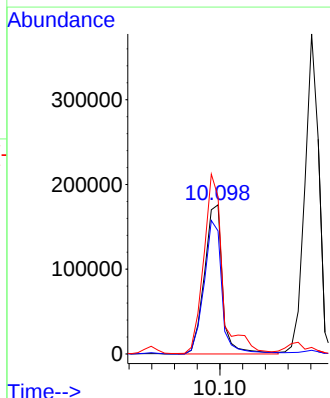
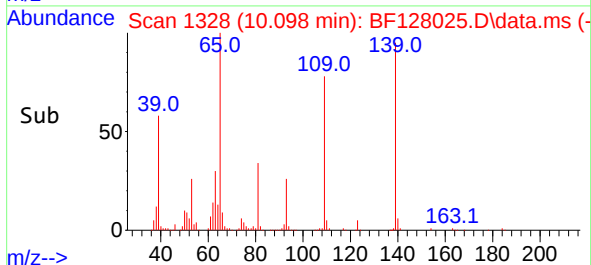
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

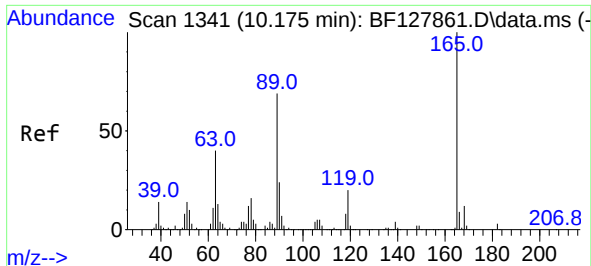


#56
4-Nitrophenol
Concen: 73.069 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:139 Resp: 194344
Ion Ratio Lower Upper
139 100
109 82.5 61.9 101.9
65 105.4 93.5 133.5





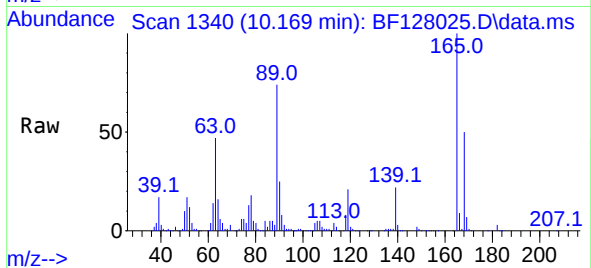
#57
2,4-Dinitrotoluene
Concen: 47.929 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

TP-21MS

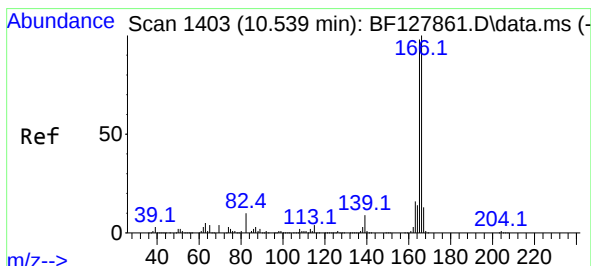
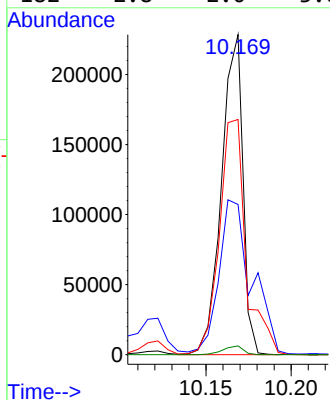
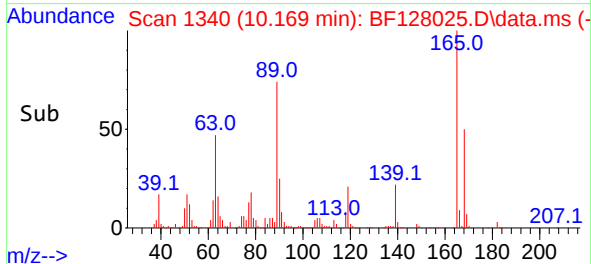


Tgt Ion:165 Resp: 19913
Ion Ratio Lower Upper
165 100
63 46.9 32.6 49.0
89 73.5 55.2 82.8
182 2.8 2.0 3.0

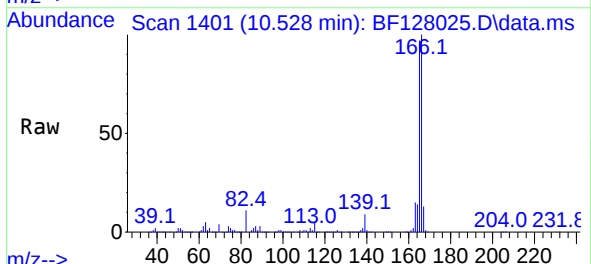
Manual Integrations

APPROVED

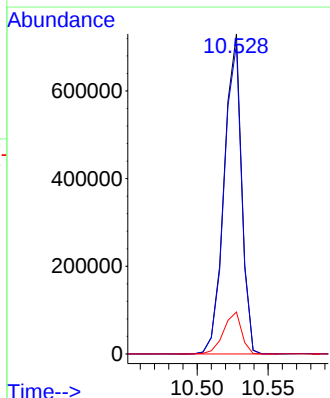
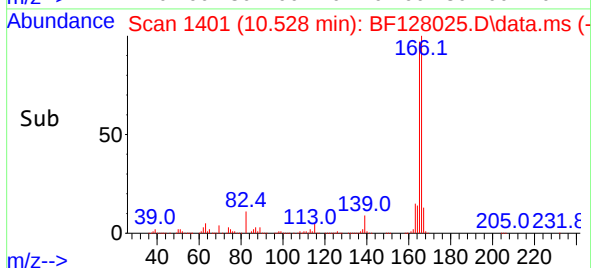
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#58
Fluorene
Concen: 46.100 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



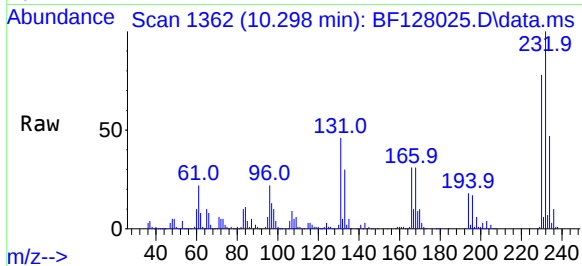
Tgt Ion:166 Resp: 621736
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.668 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

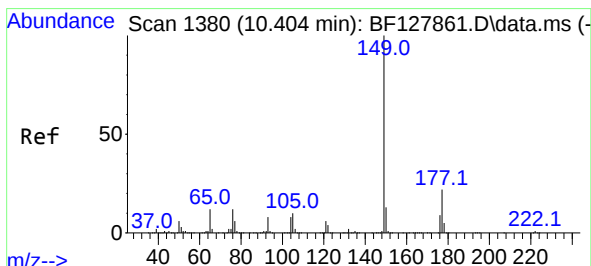
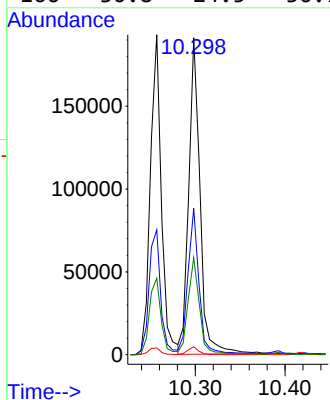
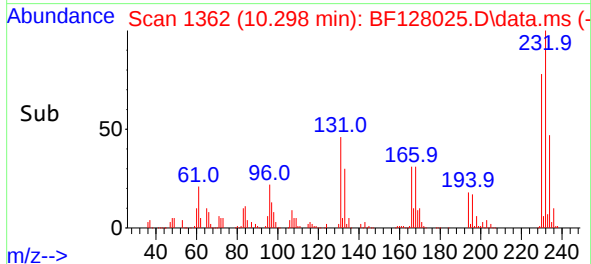
Instrument :
BNA_F
ClientSampleId :
TP-21MS



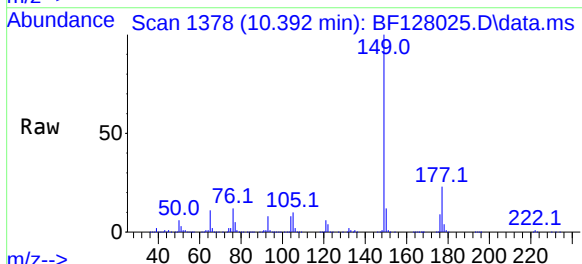
Tgt Ion:232 Resp: 167241
Ion Ratio Lower Upper
232 100
131 44.8 35.4 53.2
130 2.4 1.9 2.9
166 30.8 24.5 36.7

Manual Integrations
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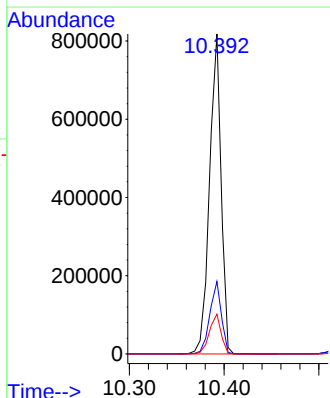
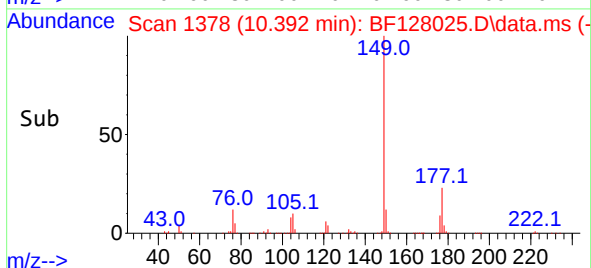
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

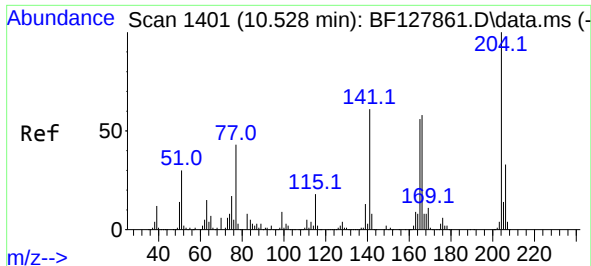


#60
Diethylphthalate
Concen: 48.638 ng
RT: 10.392 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



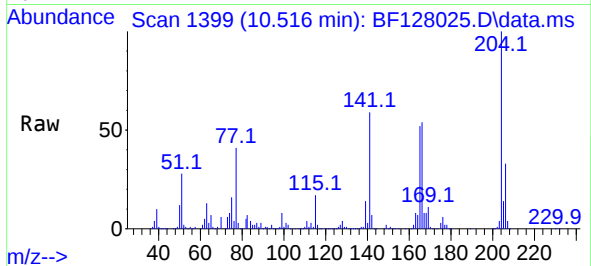
Tgt Ion:149 Resp: 690954
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.162 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

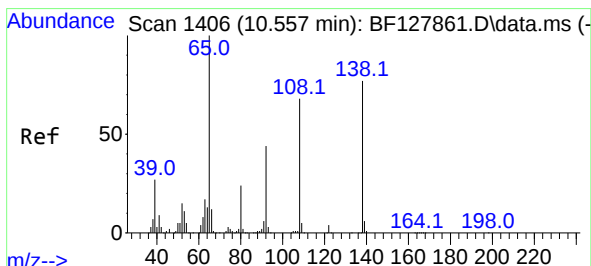
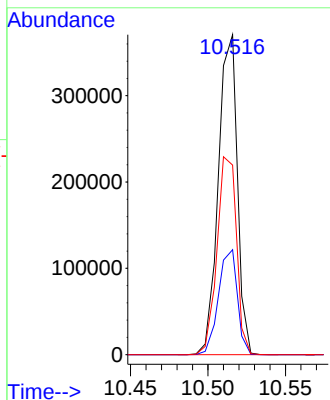
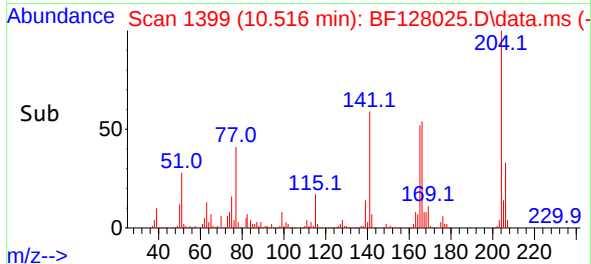
Instrument :
BNA_F
ClientSampleId :
TP-21MS



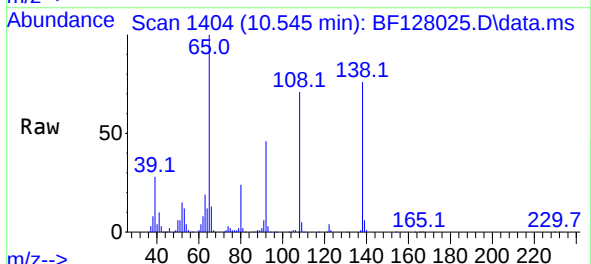
Tgt Ion:204 Resp: 31607
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 59.3 48.7 73.1

Manual Integrations
APPROVED

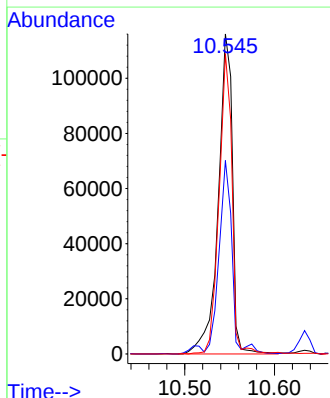
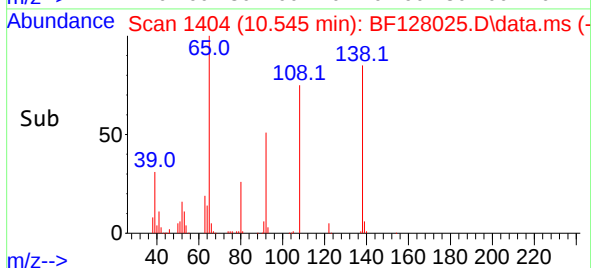
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

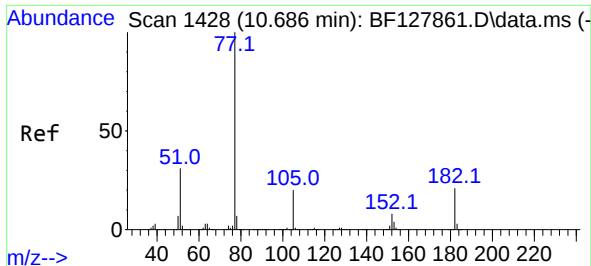


#62
4-Nitroaniline
Concen: 37.347 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



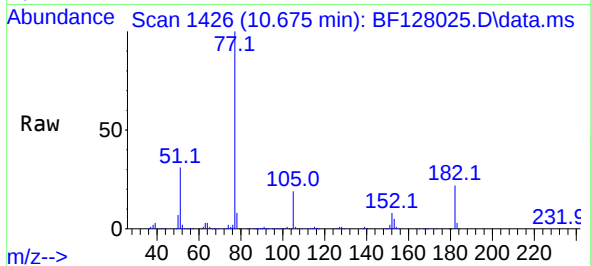
Tgt Ion:138 Resp: 127177
Ion Ratio Lower Upper
138 100
92 60.5 37.4 77.4
108 93.8 68.4 108.4





#63
Azobenzene
Concen: 45.349 ng
RT: 10.675 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

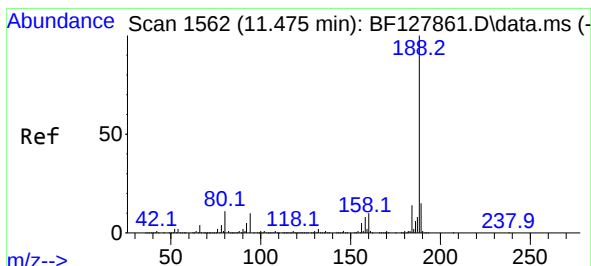
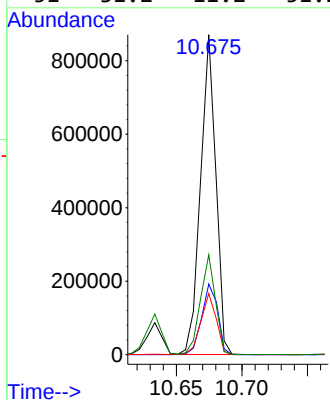
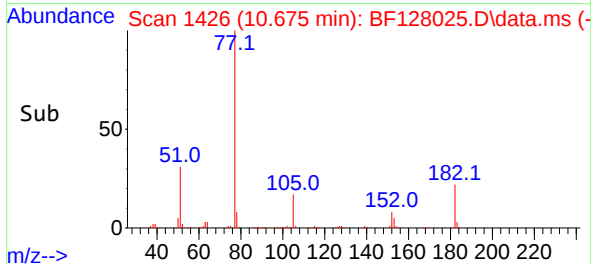
Instrument :
BNA_F
ClientSampleId :
TP-21MS



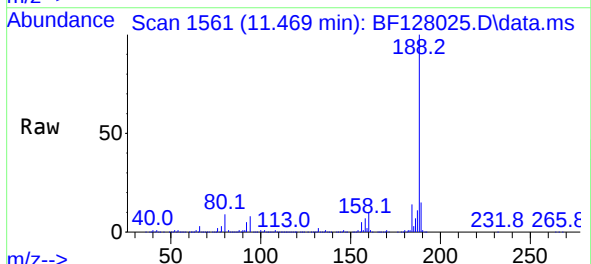
Tgt Ion: 77 Resp: 708890
Ion Ratio Lower Upper
77 100
182 22.0 1.2 41.2
105 19.1 0.0 39.8
51 31.2 11.2 51.2

Manual Integrations
APPROVED

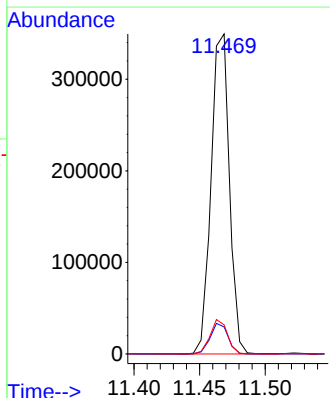
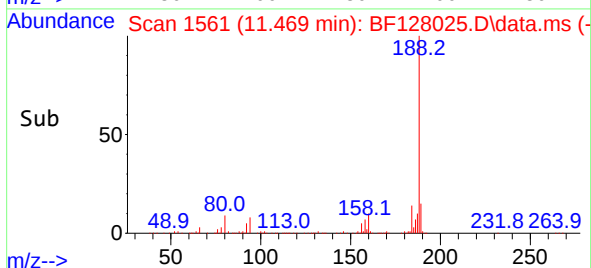
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

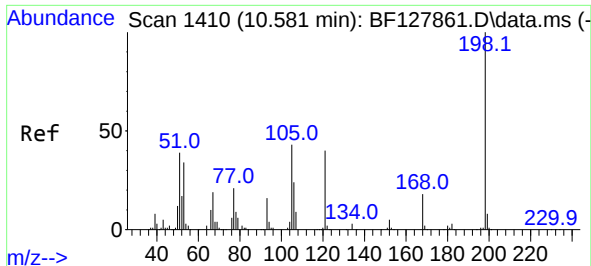


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:188 Resp: 340011
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.1 8.9 13.3





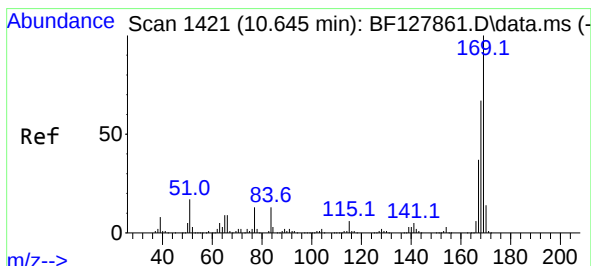
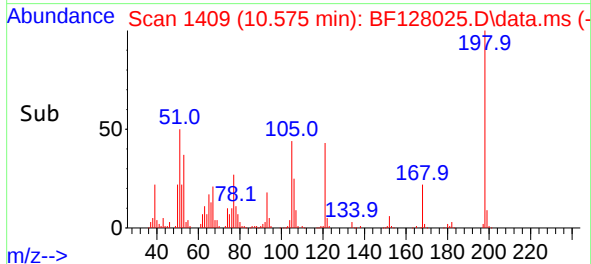
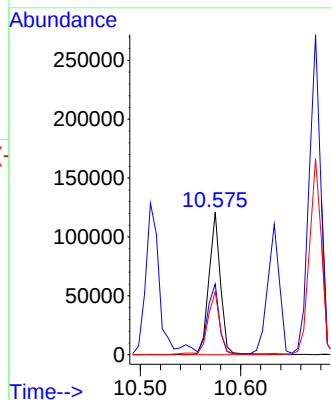
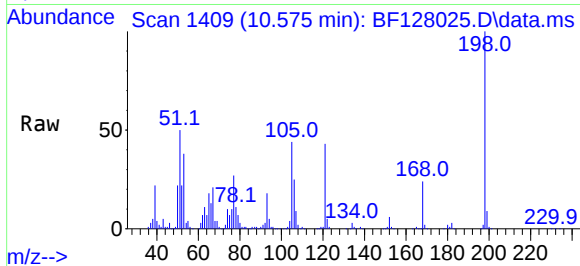
#65
4,6-Dinitro-2-methylphenol
Concen: 47.854 ng
RT: 10.575 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion:198 Resp: 9668
Ion Ratio Lower Upper
198 100
51 49.7 28.4 68.4
105 44.2 23.4 63.4

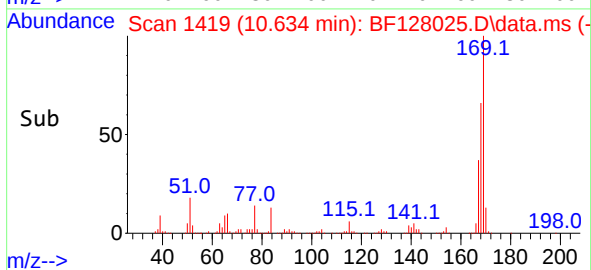
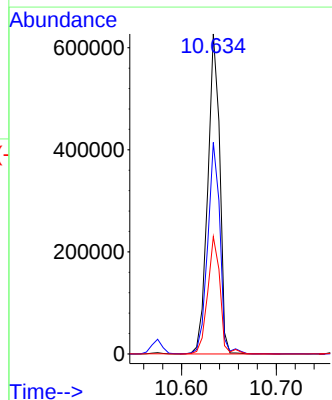
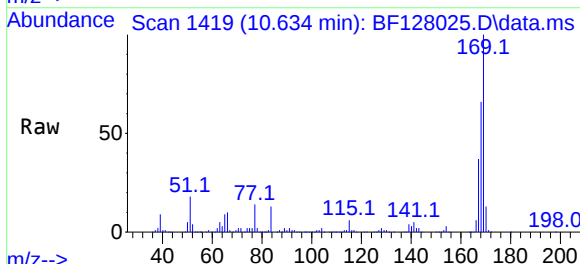
Manual Integrations
APPROVED

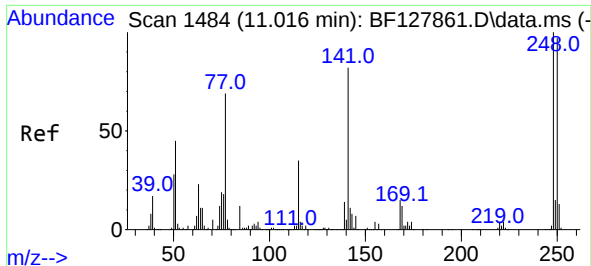
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#66
n-Nitrosodiphenylamine
Concen: 51.947 ng
RT: 10.634 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

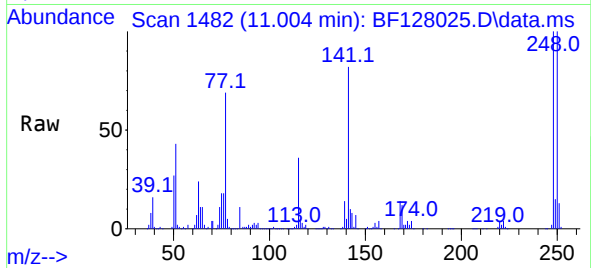
Tgt Ion:169 Resp: 549583
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 36.7 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 51.000 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

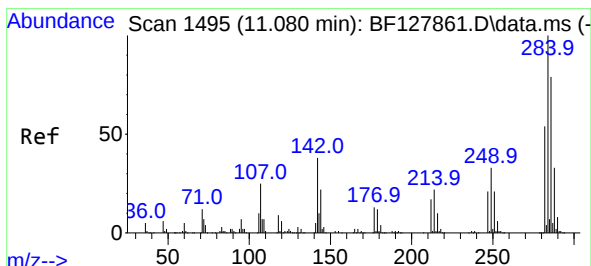
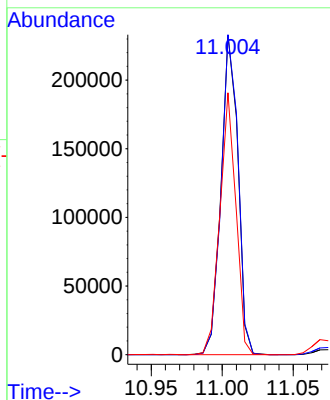
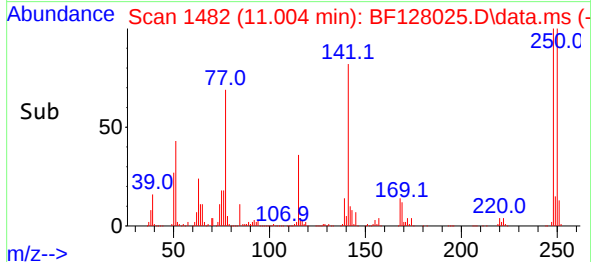
Instrument :
BNA_F
ClientSampleId :
TP-21MS



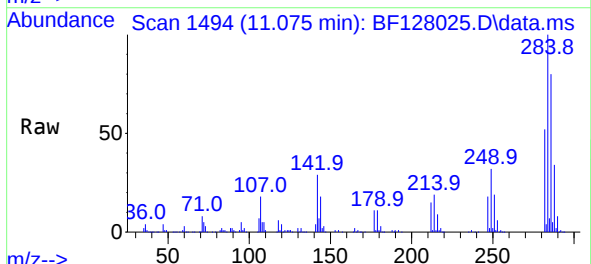
Tgt Ion:248 Resp: 19223
Ion Ratio Lower Upper
248 100
250 100.2 77.7 116.5
141 82.0 65.6 98.4

Manual Integrations
APPROVED

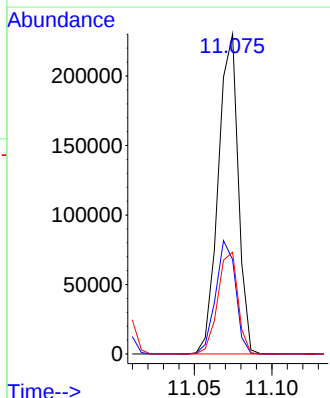
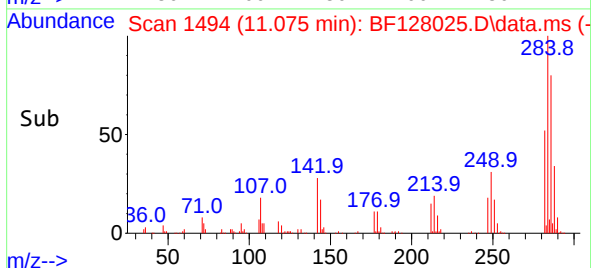
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

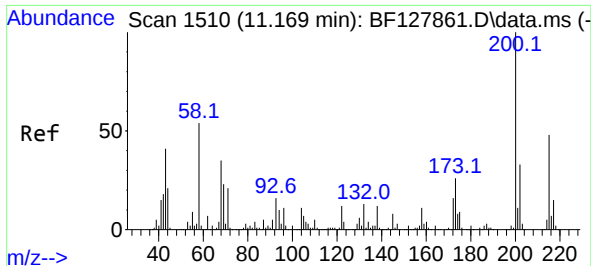


#68
Hexachlorobenzene
Concen: 52.019 ng
RT: 11.075 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



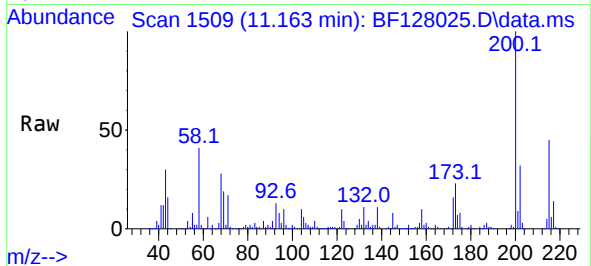
Tgt Ion:284 Resp: 206580
Ion Ratio Lower Upper
284 100
142 29.5 30.2 45.4#
249 31.8 26.1 39.1





#69
Atrazine
Concen: 57.468 ng
RT: 11.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

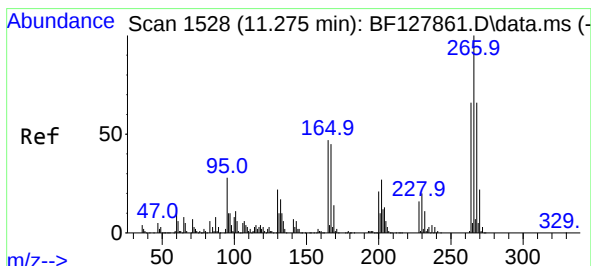
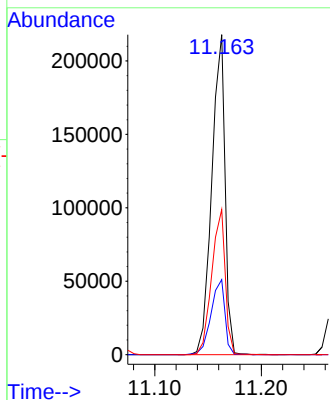
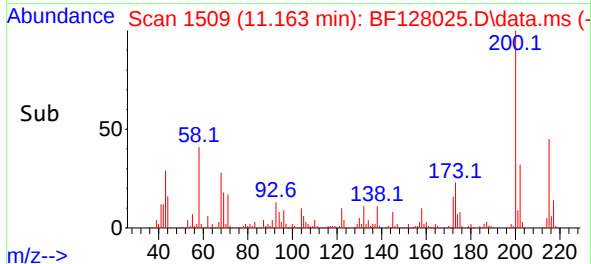
Instrument :
BNA_F
ClientSampleId :
TP-21MS



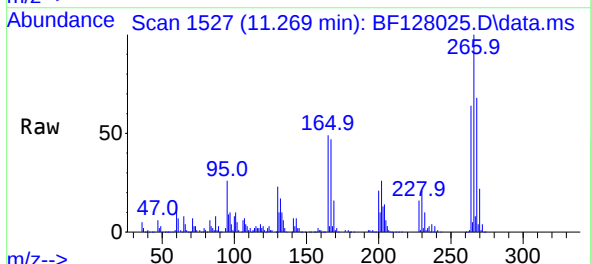
Tgt Ion:200 Resp: 188000
Ion Ratio Lower Upper
200 100
173 23.4 6.0 46.0
215 45.3 28.1 68.1

Manual Integrations
APPROVED

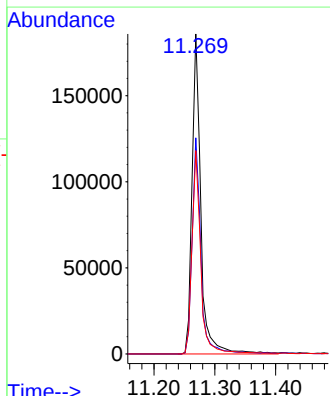
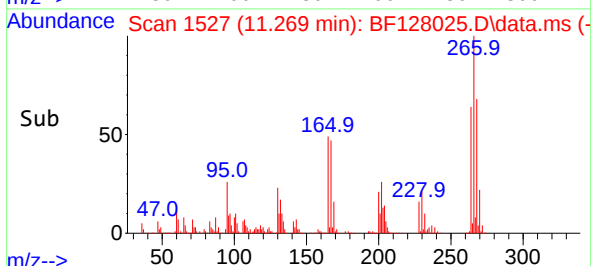
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

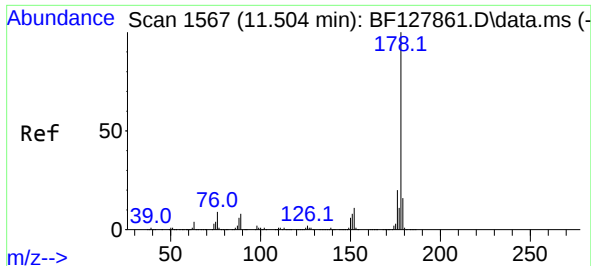


#70
Pentachlorophenol
Concen: 79.972 ng
RT: 11.269 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:266 Resp: 186835
Ion Ratio Lower Upper
266 100
268 67.5 53.0 79.6
264 63.5 53.1 79.7





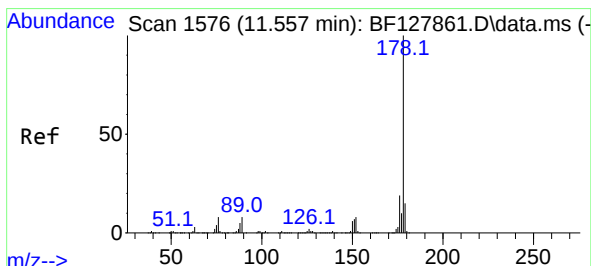
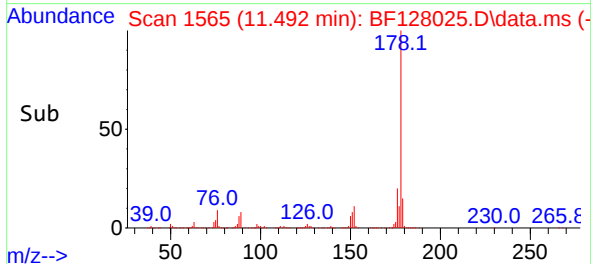
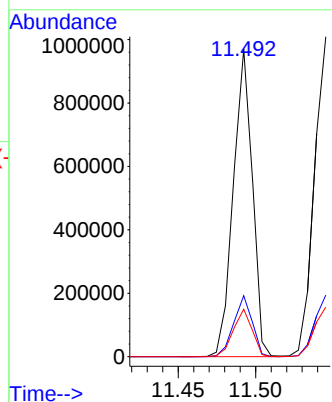
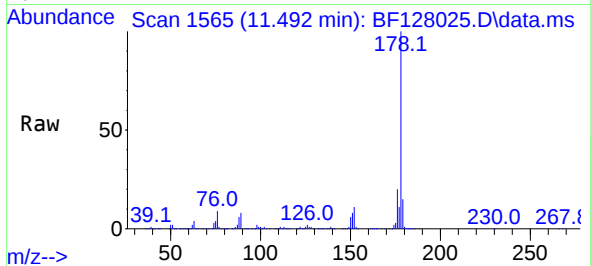
#71
Phenanthrene
Concen: 46.552 ng
RT: 11.492 min Scan# 11574
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :
BNA_F
ClientSampleId :
TP-21MS

Tgt Ion:178 Resp: 828533
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.4 12.6 19.0

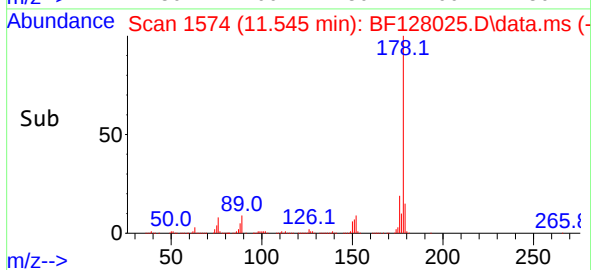
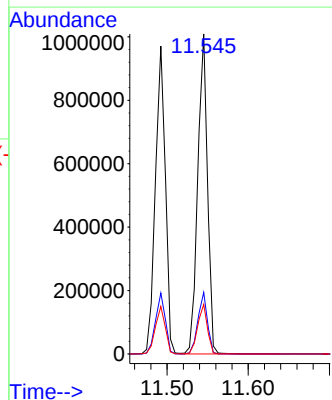
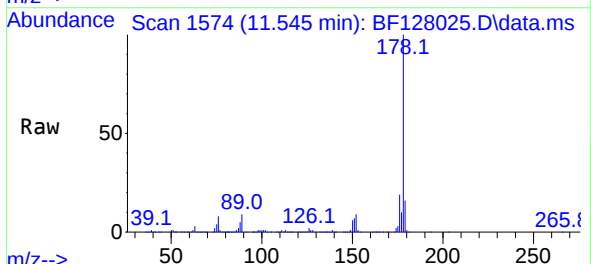
Manual Integrations
APPROVED

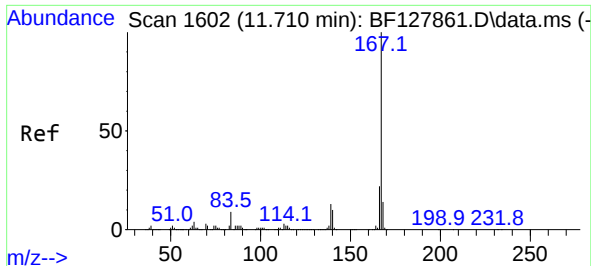
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#72
Anthracene
Concen: 47.787 ng
RT: 11.545 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

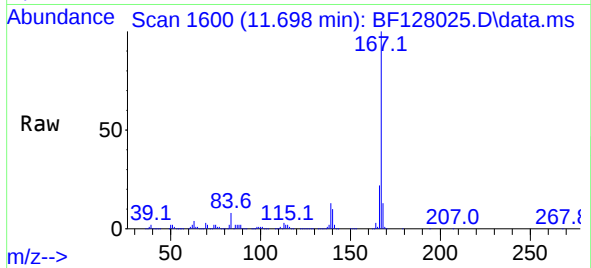
Tgt Ion:178 Resp: 847241
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 40.484 ng
 RT: 11.698 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: BF128025.D
 Acq: 02 May 2022 14:48

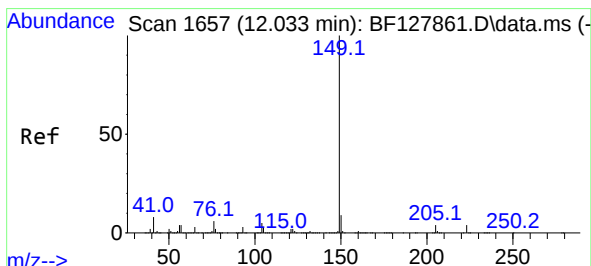
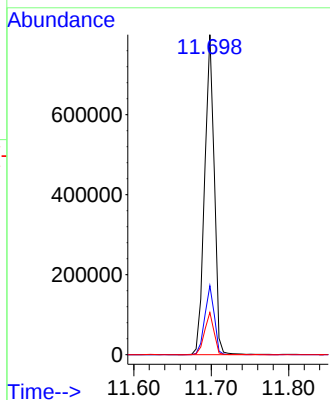
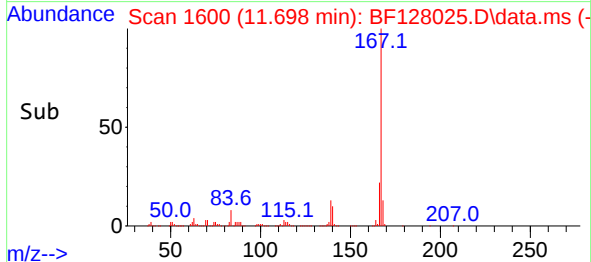
Instrument :
 BNA_F
 ClientSampleId :
 TP-21MS



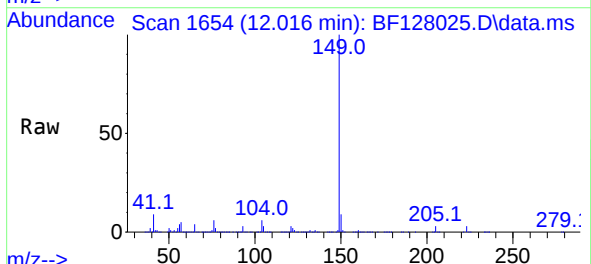
Tgt Ion:167 Resp: 691760
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.2 10.7 16.1

Manual Integrations
 APPROVED

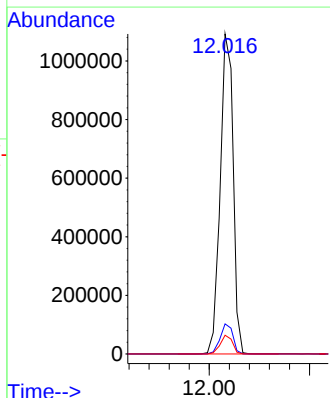
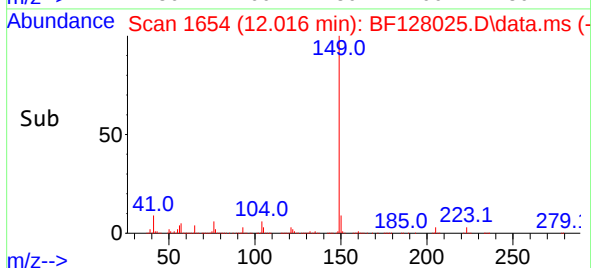
Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022

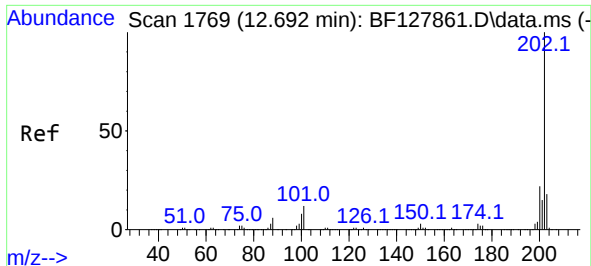


#74
 Di-n-butylphthalate
 Concen: 50.697 ng
 RT: 12.016 min Scan# 1654
 Delta R.T. -0.006 min
 Lab File: BF128025.D
 Acq: 02 May 2022 14:48



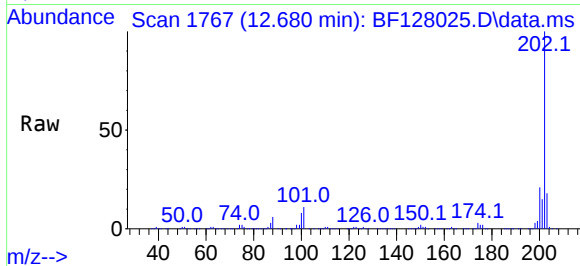
Tgt Ion:149 Resp: 974100
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 38.531 ng
RT: 12.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

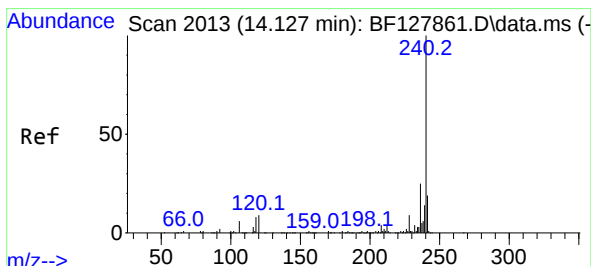
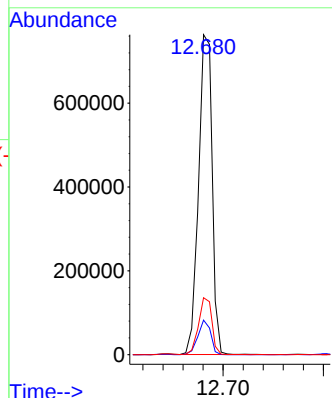
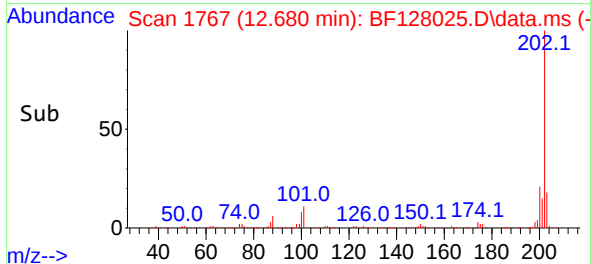
Instrument :
BNA_F
ClientSampleId :
TP-21MS



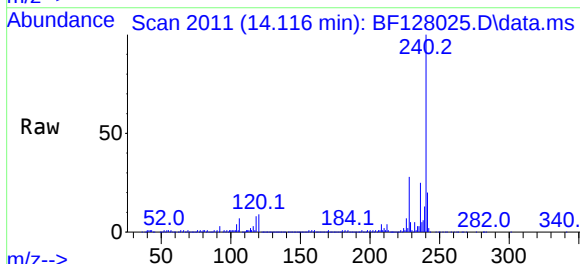
Tgt Ion:202 Resp: 721740
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.6
203 17.8 0.0 38.1

Manual Integrations
APPROVED

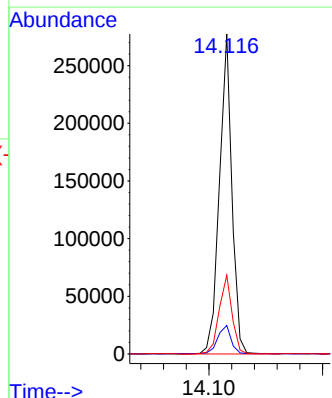
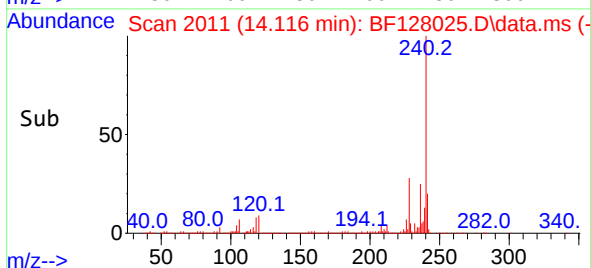
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

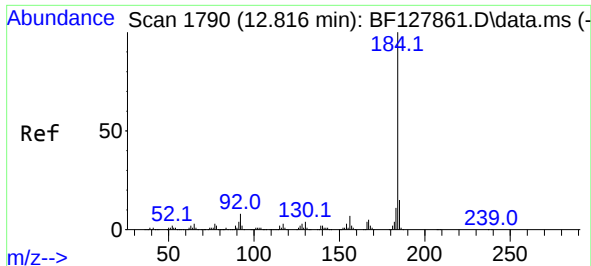


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



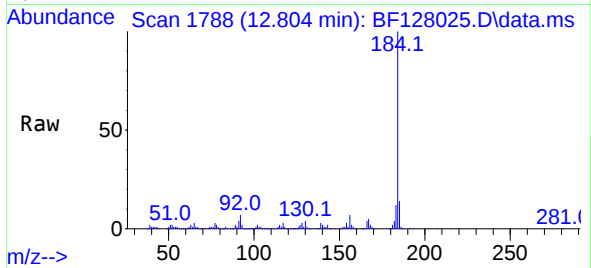
Tgt Ion:240 Resp: 212285
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 24.6 20.3 30.5





#77
Benzidine
Concen: 52.740 ng
RT: 12.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

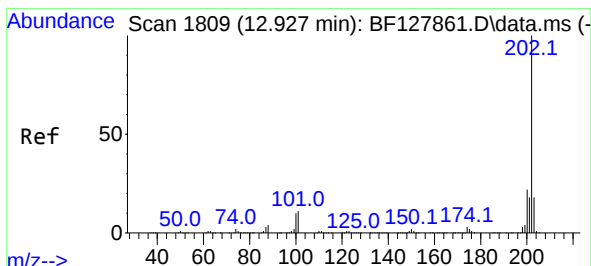
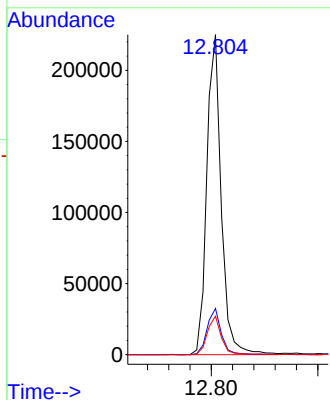
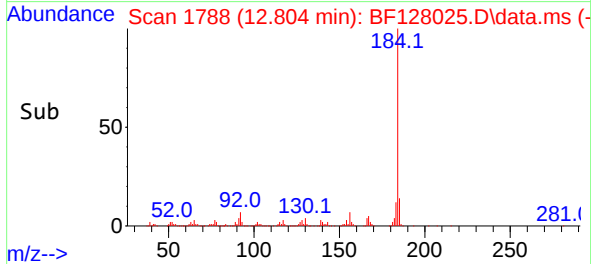
Instrument :
BNA_F
ClientSampleId :
TP-21MS



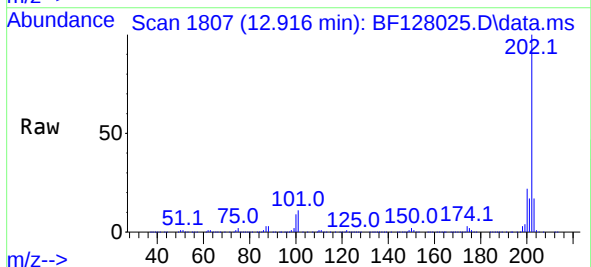
Tgt Ion:184 Resp: 21184
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 12.0 9.0 13.4

Manual Integrations
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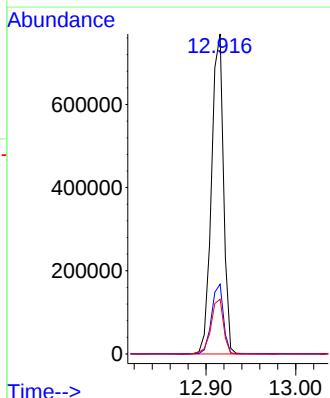
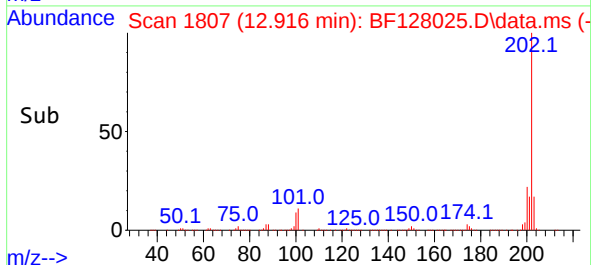
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#78
Pyrene
Concen: 41.697 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:202 Resp: 714545
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.1 14.0 21.0





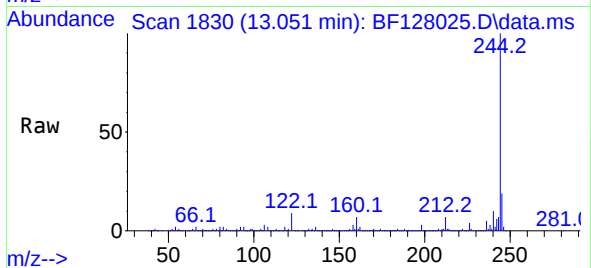
#79
Terphenyl-d14
Concen: 67.029 ng
RT: 13.051 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

TP-21MS

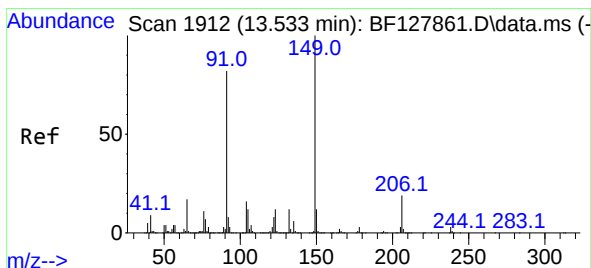
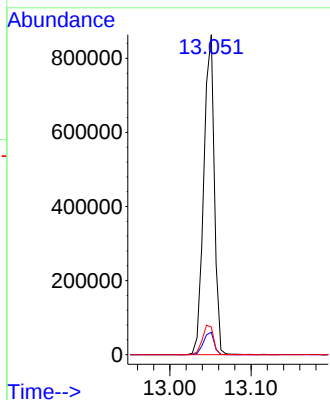
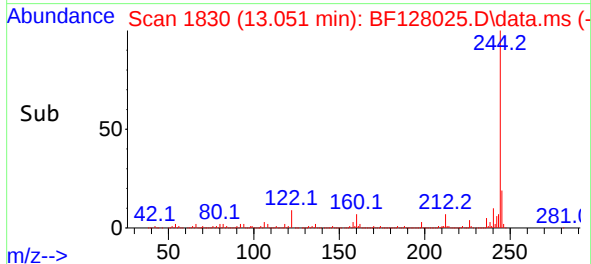


Tgt Ion:244 Resp: 77816
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.4
122 8.6 8.6 12.8

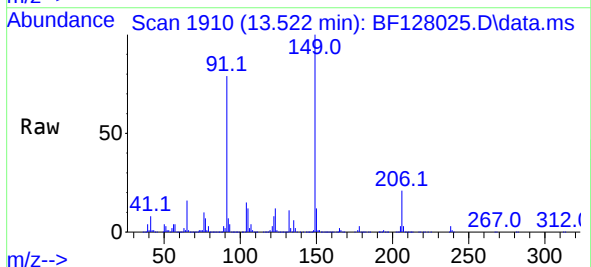
Manual Integrations

APPROVED

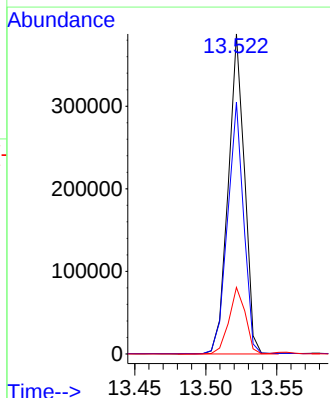
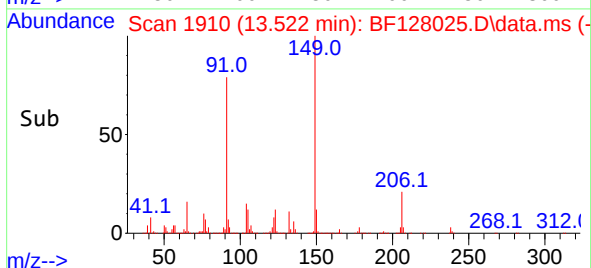
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

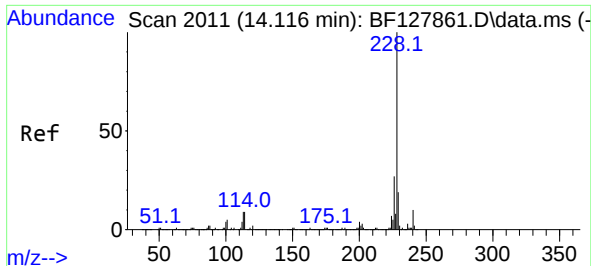


#80
Butylbenzylphthalate
Concen: 46.032 ng
RT: 13.522 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:149 Resp: 309191
Ion Ratio Lower Upper
149 100
91 78.7 65.8 98.6
206 20.8 15.4 23.2





#81
Benzo(a)anthracene
Concen: 47.543 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

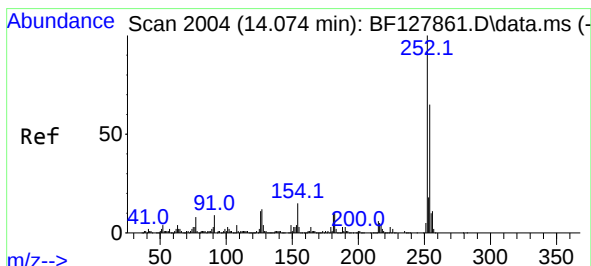
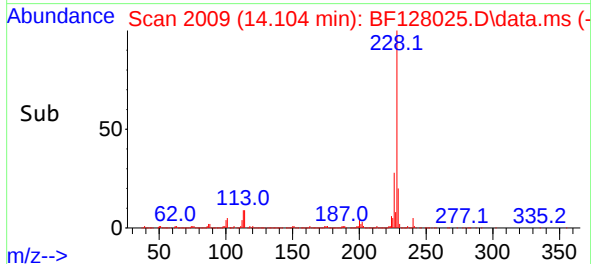
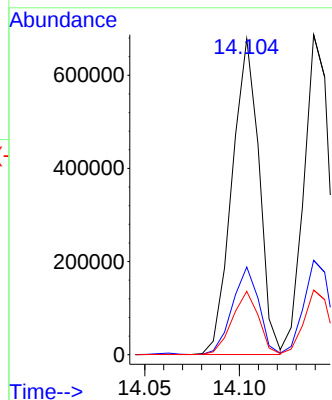
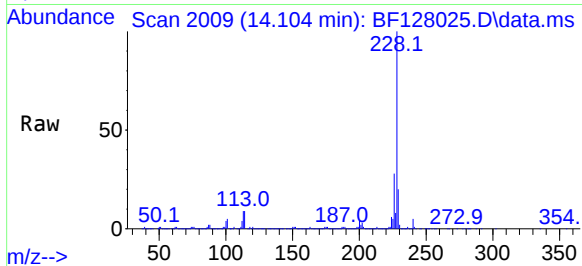
ClientSampleId :

TP-21MS

Tgt Ion:228 Resp: 672699
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.1 15.4 23.2

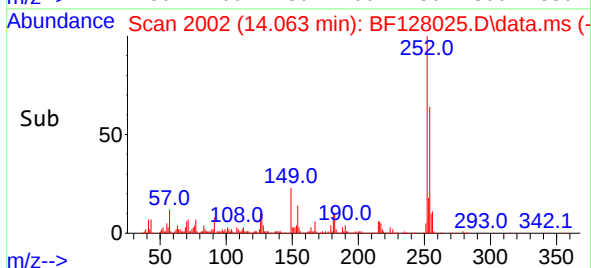
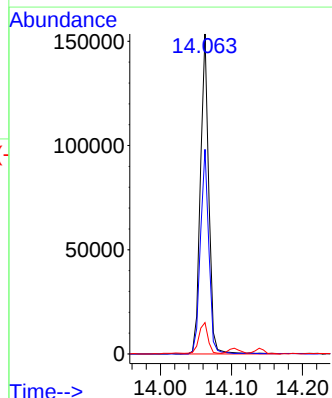
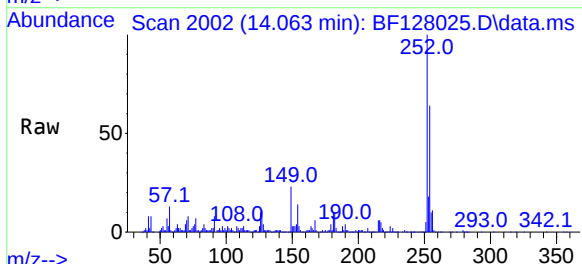
Manual Integrations
APPROVED

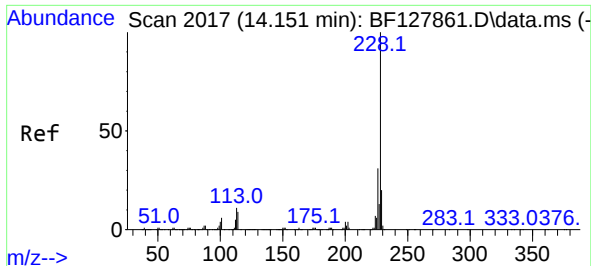
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.099 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

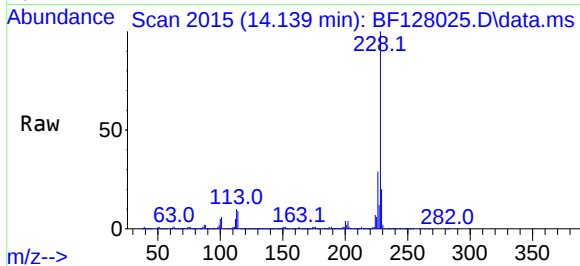
Tgt Ion:252 Resp: 126240
Ion Ratio Lower Upper
252 100
254 63.9 51.6 77.4
126 9.8 8.8 13.2





#83
Chrysene
Concen: 46.021 ng
RT: 14.139 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

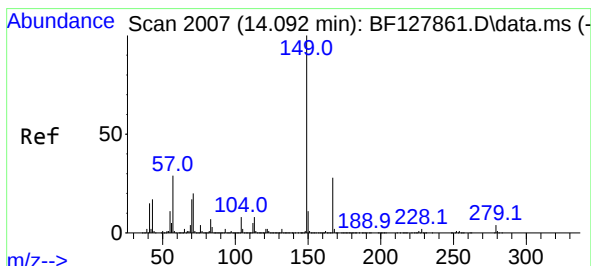
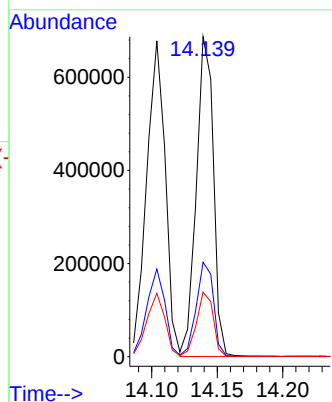
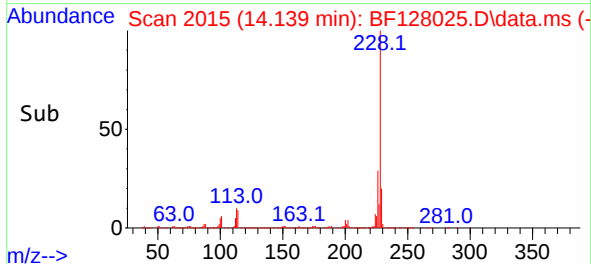
Instrument :
BNA_F
ClientSampleId :
TP-21MS



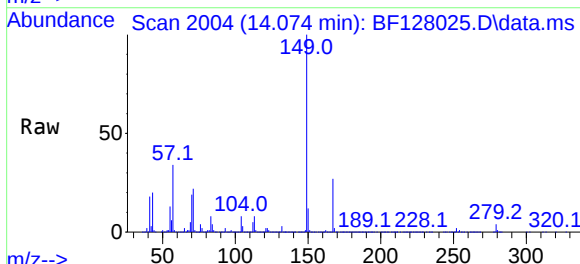
Tgt Ion:228 Resp: 621892
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 20.2 15.8 23.8

Manual Integrations
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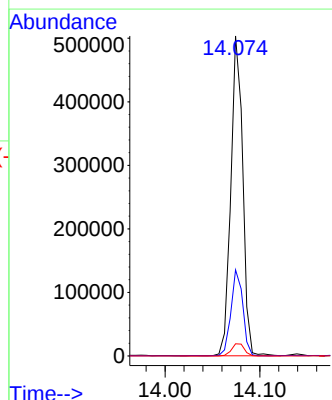
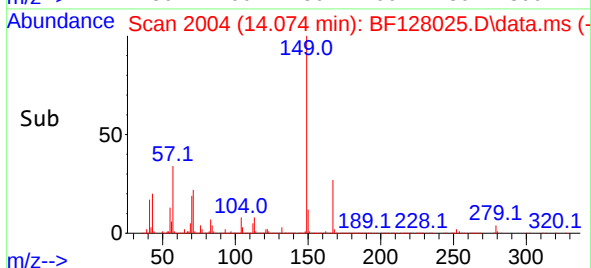
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

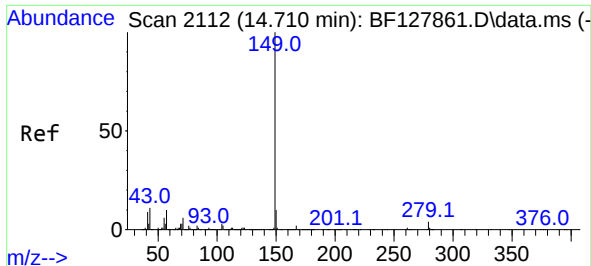


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.479 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



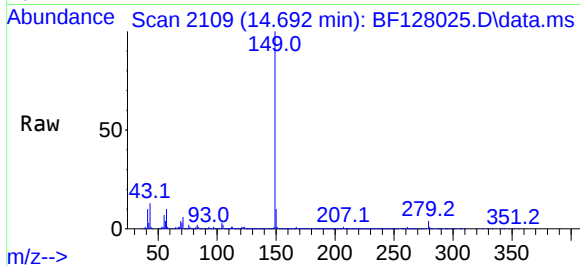
Tgt Ion:149 Resp: 440723
Ion Ratio Lower Upper
149 100
167 26.9 22.0 33.0
279 3.8 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 54.887 ng
RT: 14.692 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

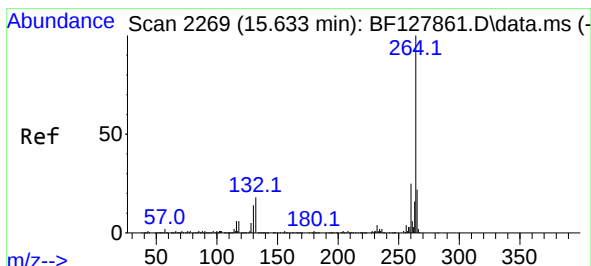
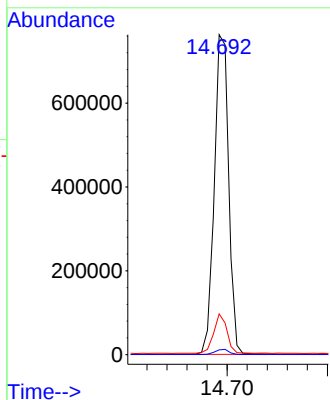
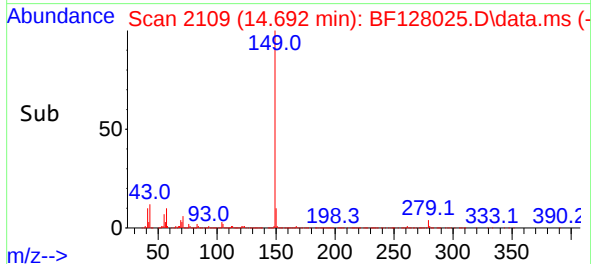
Instrument :
BNA_F
ClientSampleId :
TP-21MS



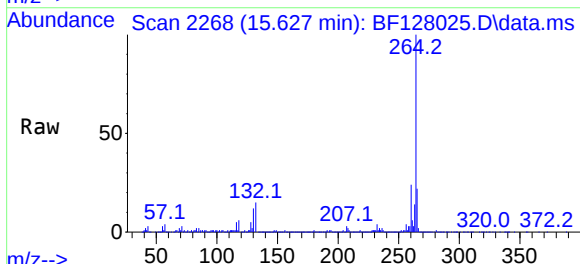
Tgt Ion:149 Resp: 757644
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 8.9 13.3

Manual Integrations
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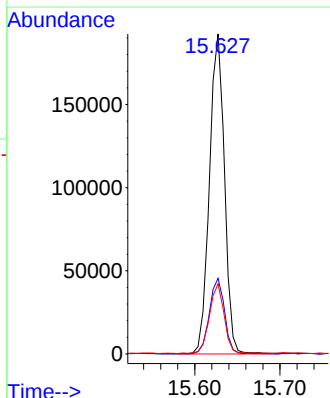
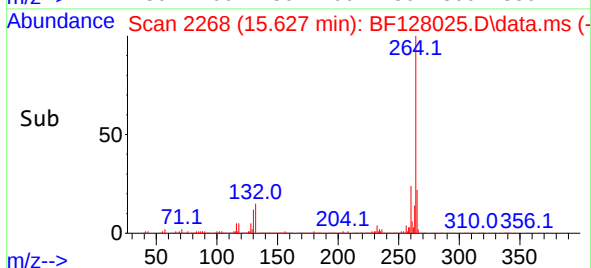
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

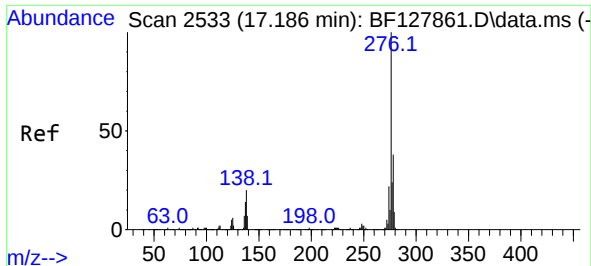


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48



Tgt Ion:264 Resp: 236322
Ion Ratio Lower Upper
264 100
260 23.7 20.1 30.1
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.408 ng
RT: 17.180 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

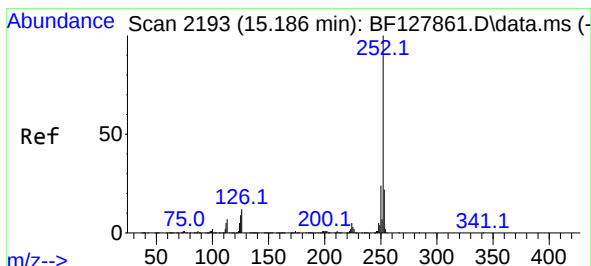
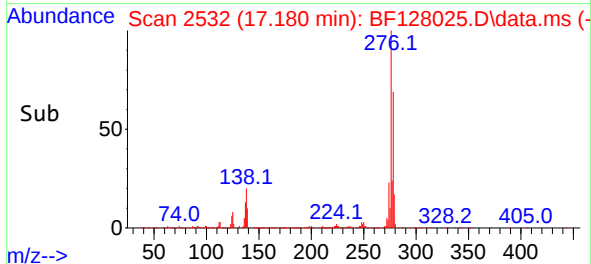
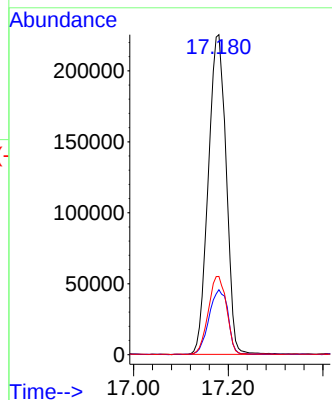
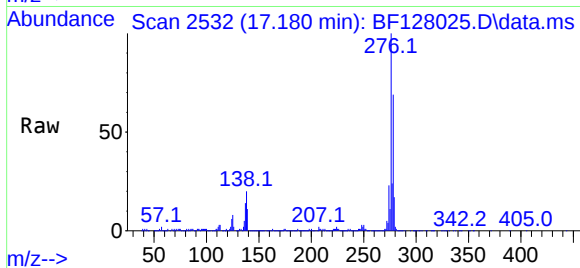
ClientSampleId :

TP-21MS

Tgt Ion:276 Resp: 59006
Ion Ratio Lower Upper
276 100
138 21.5 19.0 28.4
277 25.0 20.1 30.1

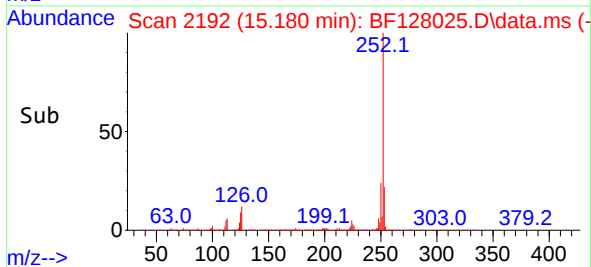
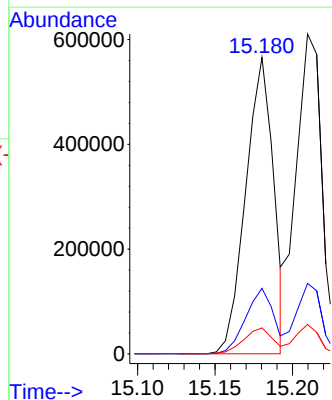
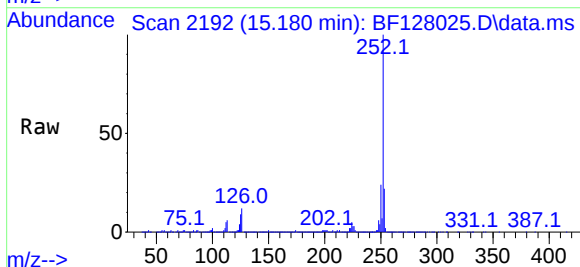
Manual Integrations
APPROVED

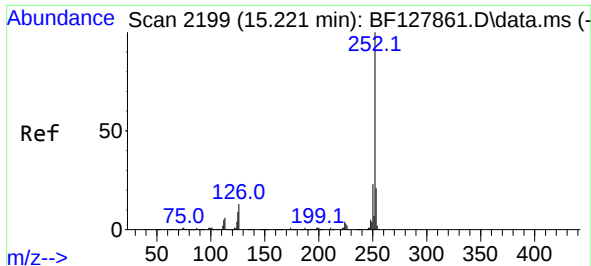
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#88
Benzo(b)fluoranthene
Concen: 47.630 ng
RT: 15.180 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Tgt Ion:252 Resp: 706972
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.554 ng

RT: 15.210 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

Instrument :

BNA_F

ClientSampleId :

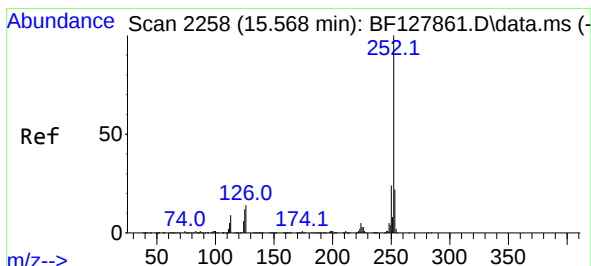
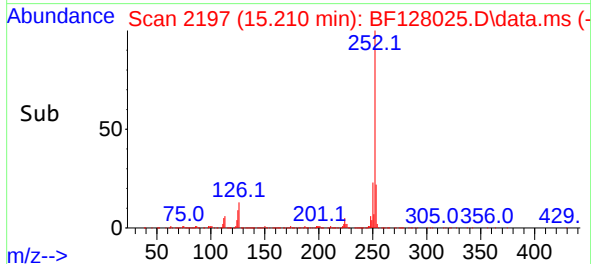
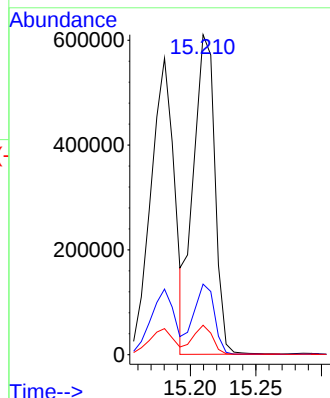
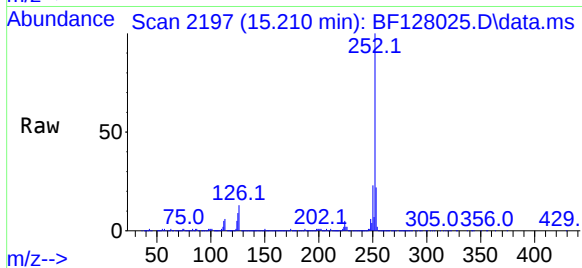
TP-21MS

Tgt Ion:252 Resp: 696179
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.4
 125 9.2 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#90

Benzo(a)pyrene

Concen: 55.858 ng

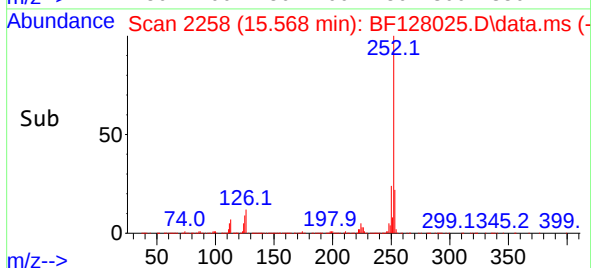
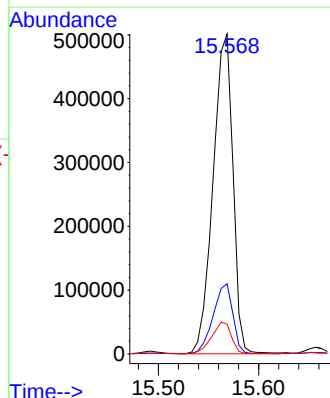
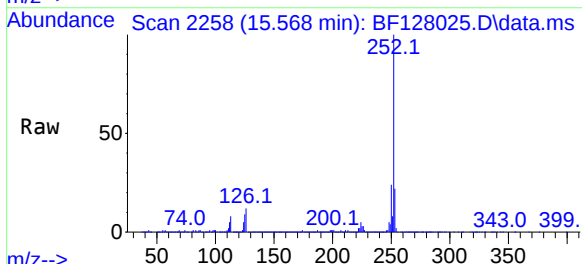
RT: 15.568 min Scan# 2258

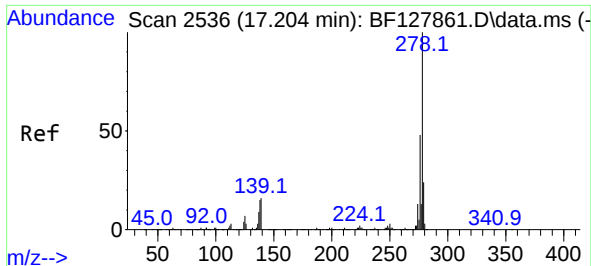
Delta R.T. 0.012 min

Lab File: BF128025.D

Acq: 02 May 2022 14:48

Tgt Ion:252 Resp: 687735
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 9.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 41.236 ng
RT: 17.192 min Scan# 2534
Delta R.T. 0.006 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Instrument :

BNA_F

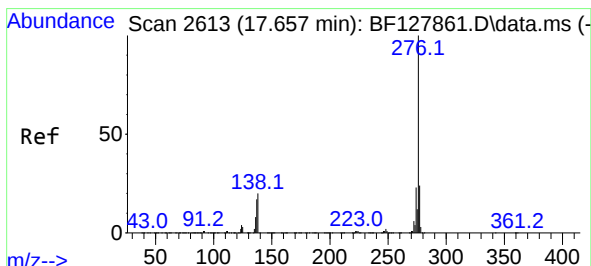
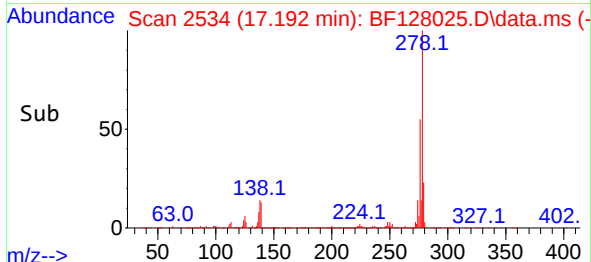
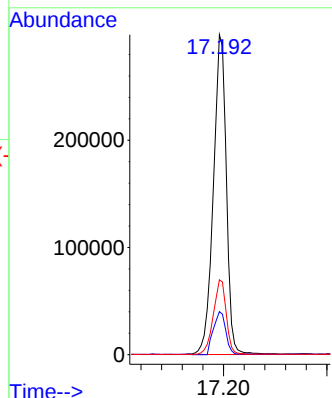
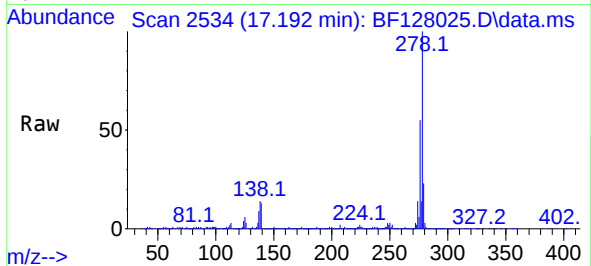
ClientSampleId :

TP-21MS

Tgt Ion:278 Resp: 52166
Ion Ratio Lower Upper
278 100
139 13.5 12.6 19.0
279 23.4 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#92
Benzo(g,h,i)perylene
Concen: 34.746 ng
RT: 17.651 min Scan# 2612
Delta R.T. 0.012 min
Lab File: BF128025.D
Acq: 02 May 2022 14:48

Tgt Ion:276 Resp: 463229
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 18.0 16.2 24.2

