

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127220.D
 Acq On : 07 Mar 2022 13:32
 Operator : CG\JU
 Sample : N1751-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 07 14:59:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83970	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	317853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	157449	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	267531	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	135965	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	151544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	614327	113.075	ng	0.01
7) Phenol-d6	6.516	99	836107	114.052	ng	0.00
23) Nitrobenzene-d5	7.445	82	557498	79.169	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	234514	129.365	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	887700	83.000	ng	0.00
79) Terphenyl-d14	12.998	244	769010	83.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	95453	38.395	ng	97
3) Pyridine	3.469	79	250584	38.428	ng	95
4) n-Nitrosodimethylamine	3.440	42	141722	44.367	ng	# 76
6) Aniline	6.545	93	213799	24.614	ng	94
8) 2-Chlorophenol	6.669	128	283956	48.712	ng	94
9) Benzaldehyde	6.434	77	182170	40.823	ng	99
10) Phenol	6.528	94	375217m	50.654	ng	
11) bis(2-Chloroethyl)ether	6.616	93	267193	45.989	ng	100
12) 1,3-Dichlorobenzene	6.822	146	293363	46.653	ng	98
13) 1,4-Dichlorobenzene	6.898	146	299754	47.021	ng	97
14) 1,2-Dichlorobenzene	7.051	146	283747	46.674	ng	96
15) Benzyl Alcohol	7.022	79	261738	42.380	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	345167	37.729	ng	86
17) 2-Methylphenol	7.134	107	239676	47.523	ng	# 92
18) Hexachloroethane	7.386	117	112267	45.944	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	205177	43.434	ng	97
20) 3+4-Methylphenols	7.286	107	301933	46.103	ng	90
22) Acetophenone	7.292	105	400967	47.912	ng	# 99
24) Nitrobenzene	7.469	77	317787	47.771	ng	97
25) Isophorone	7.704	82	537147	46.097	ng	# 95
26) 2-Nitrophenol	7.781	139	138669	48.959	ng	# 81
27) 2,4-Dimethylphenol	7.816	122	244363m	52.518	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	308859	43.721	ng	99
29) 2,4-Dichlorophenol	8.022	162	211672	48.388	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	227725	46.563	ng	100
31) Naphthalene	8.186	128	768203	46.298	ng	99
32) Benzoic acid	7.951	122	152039	46.075	ng	94
33) 4-Chloroaniline	8.233	127	46373	7.101	ng	98
34) Hexachlorobutadiene	8.292	225	133939	46.910	ng	97
35) Caprolactam	8.616	113	69695m	45.623	ng	
36) 4-Chloro-3-methylphenol	8.728	107	268852	48.089	ng	97
37) 2-Methylnaphthalene	8.875	142	514371	47.775	ng	98
38) 1-Methylnaphthalene	8.975	142	493943	47.909	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	208958	50.417	ng	99
41) Hexachlorocyclopentadiene	9.028	237	199315	88.668	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	147864	48.642	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	160746	50.252	ng	93
46) 1,1'-Biphenyl	9.345	154	632921	50.738	ng	96
47) 2-Chloronaphthalene	9.369	162	464680	50.233	ng	94
48) 2-Nitroaniline	9.469	65	166535	45.621	ng	97
49) Acenaphthylene	9.786	152	755027	50.247	ng	98
50) Dimethylphthalate	9.645	163	543867	48.325	ng	# 99
51) 2,6-Dinitrotoluene	9.710	165	119989	52.403	ng	# 83
52) Acenaphthene	9.957	154	521806m	53.396	ng	
53) 3-Nitroaniline	9.880	138	54447	19.453	ng	94
54) 2,4-Dinitrophenol	9.998	184	122823	101.344	ng	# 79
55) Dibenzofuran	10.133	168	636163	47.342	ng	93
56) 4-Nitrophenol	10.057	139	172350	83.373	ng	# 84
57) 2,4-Dinitrotoluene	10.122	165	158657	51.248	ng	# 95
58) Fluorene	10.475	166	529697	50.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	121582	47.943	ng	93
60) Diethylphthalate	10.345	149	598803	50.920	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	250881	50.831	ng	97
62) 4-Nitroaniline	10.504	138	119452	43.219	ng	# 77
63) Azobenzene	10.627	77	553907	42.300	ng	93
65) 4,6-Dinitro-2-methylph...	10.527	198	76375	48.587	ng	91
66) n-Nitrosodiphenylamine	10.586	169	430273	49.048	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	149330	49.958	ng	96
68) Hexachlorobenzene	11.022	284	165297	51.368	ng	95
69) Atrazine	11.116	200	135723	49.883	ng	97
70) Pentachlorophenol	11.222	266	157423	89.618	ng	98
71) Phenanthrene	11.445	178	754661	50.397	ng	99
72) Anthracene	11.492	178	756436	50.743	ng	99
73) Carbazole	11.651	167	584153	42.731	ng	99
74) Di-n-butylphthalate	11.969	149	826944	47.054	ng	99
75) Fluoranthene	12.633	202	652090	45.863	ng	94
77) Benzidine	12.757	184	143668	38.882	ng	97
78) Pyrene	12.863	202	619123	52.413	ng	99
80) Butylbenzylphthalate	13.474	149	248500	44.437	ng	# 85
81) Benzo(a)anthracene	14.051	228	471964	51.489	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	102945	35.637	ng	# 97
83) Chrysene	14.086	228	427158	49.556	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	326288	44.442	ng	# 96
85) Di-n-octyl phthalate	14.639	149	517921	48.995	ng	96
87) Indeno(1,2,3-cd)pyrene	17.068	276	552927	55.644	ng	# 85
88) Benzo(b)fluoranthene	15.115	252	500056	49.130	ng	# 91
89) Benzo(k)fluoranthene	15.145	252	485612	49.465	ng	# 94
90) Benzo(a)pyrene	15.492	252	486408m	61.182	ng	
91) Dibenzo(a,h)anthracene	17.086	278	468210	56.971	ng	# 90
92) Benzo(g,h,i)perylene	17.533	276	443109	54.690	ng	# 84

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

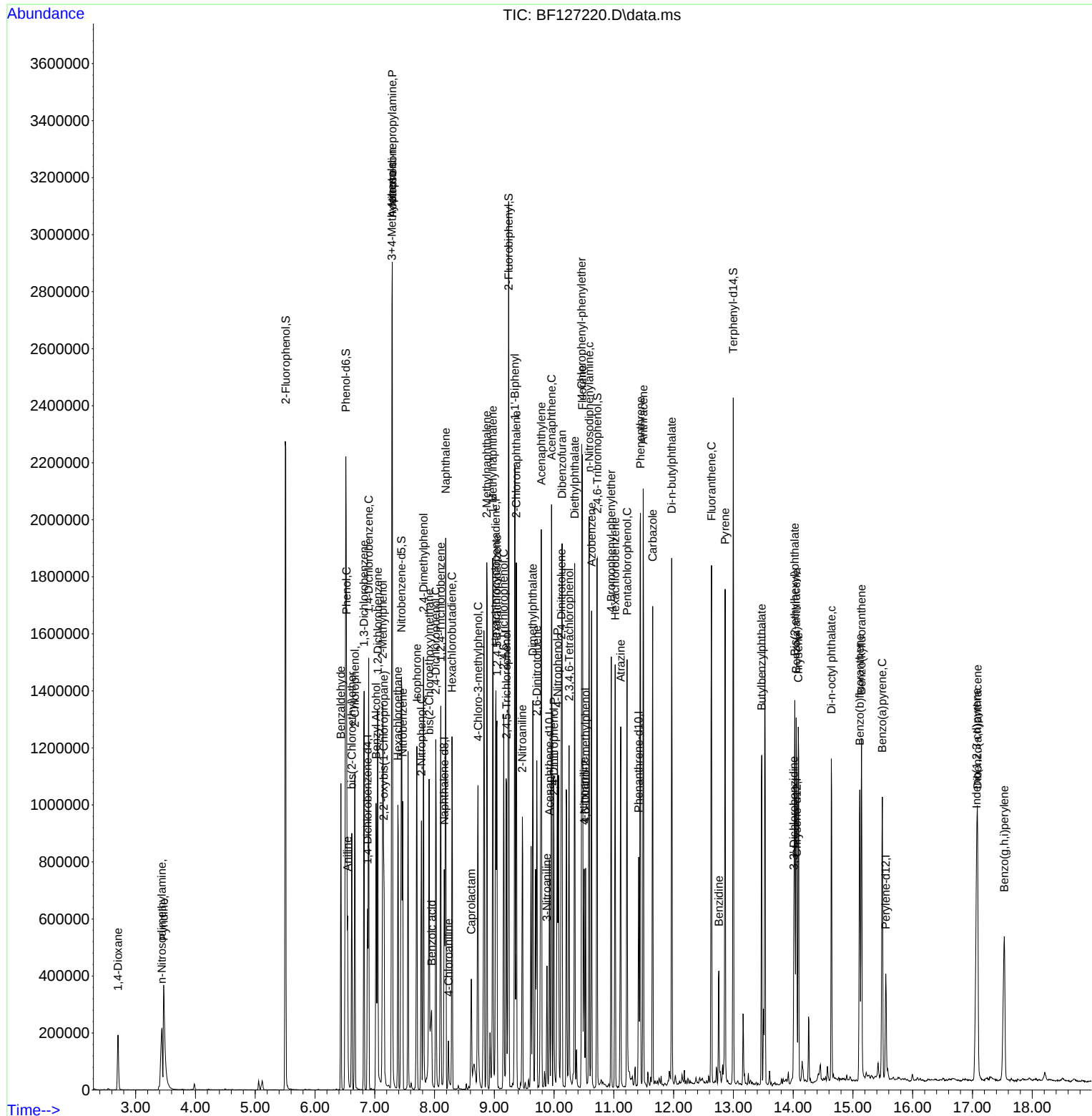
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

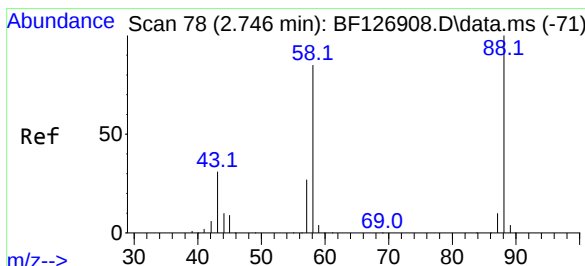
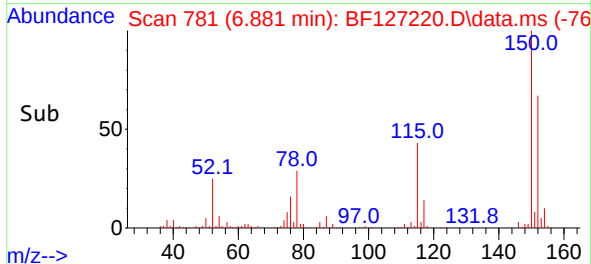
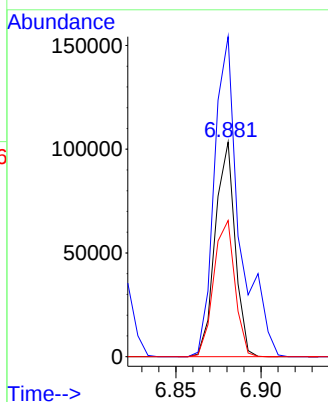
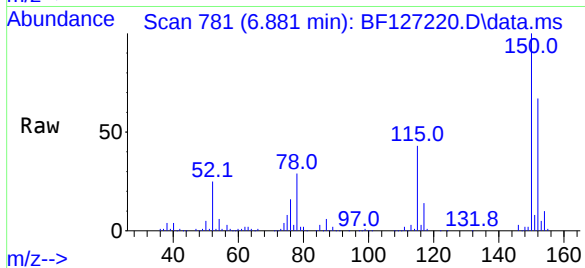
DUM-13MSD

Tgt Ion:152 Resp: 83970
Ion Ratio Lower Upper
152 100
150 149.1 128.1 192.1
115 63.5 56.7 85.1

Manual Integrations

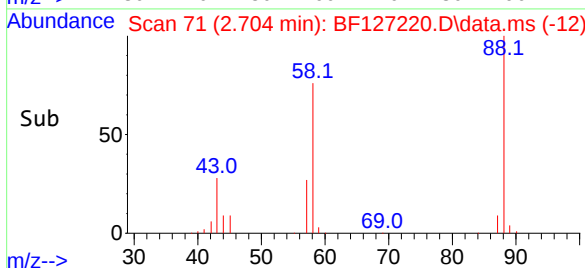
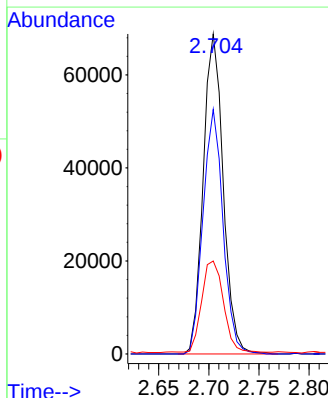
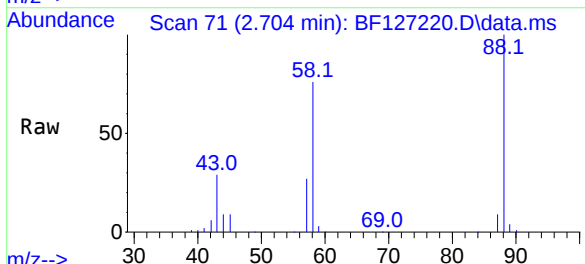
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#2
1,4-Dioxane
Concen: 38.395 ng
RT: 2.704 min Scan# 71
Delta R.T. 0.047 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 88 Resp: 95453
Ion Ratio Lower Upper
88 100
58 76.5 62.8 94.2
43 31.3 22.3 33.5





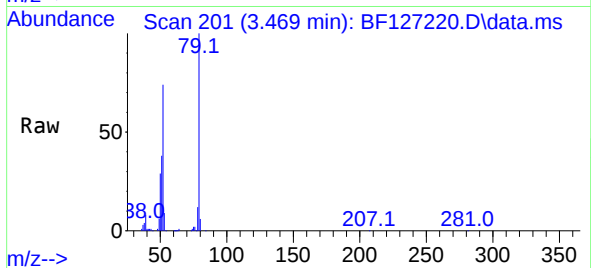
#3
Pyridine
Concen: 38.428 ng
RT: 3.469 min Scan# 209
Delta R.T. 0.041 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

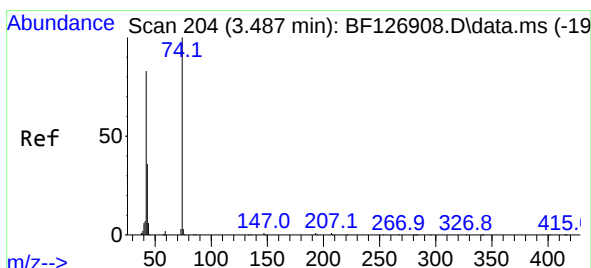
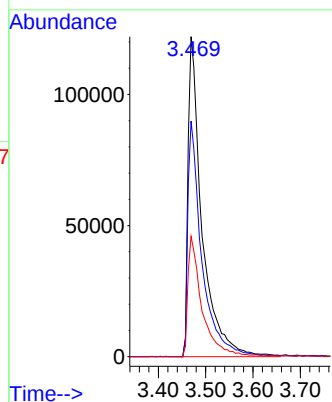
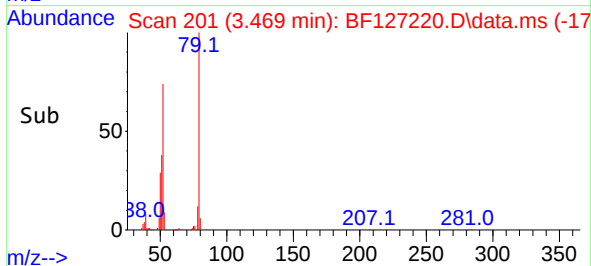


Tgt Ion: 79 Resp: 250584
Ion Ratio Lower Upper
79 100
52 73.6 56.2 84.4
51 37.6 26.7 40.1

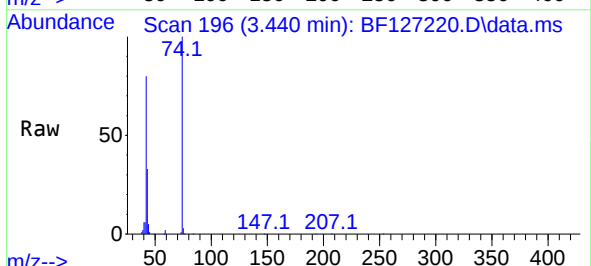
Manual Integrations

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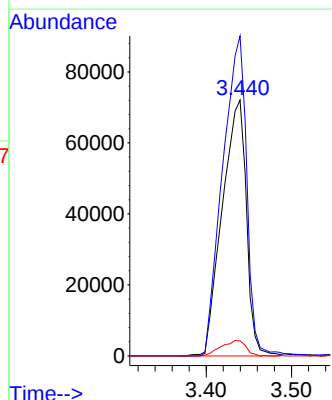
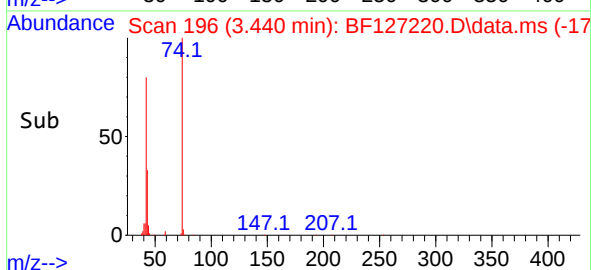
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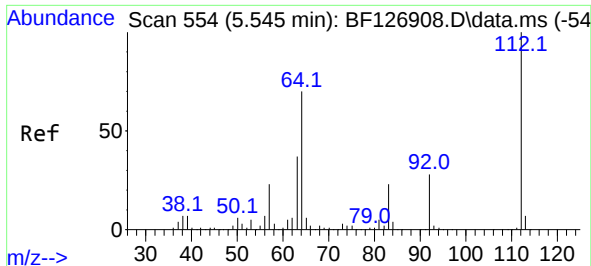


#4
n-Nitrosodimethylamine
Concen: 44.367 ng
RT: 3.440 min Scan# 196
Delta R.T. 0.041 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion: 42 Resp: 141722
Ion Ratio Lower Upper
42 100
74 125.1 125.6 188.4#
44 5.9 5.7 8.5





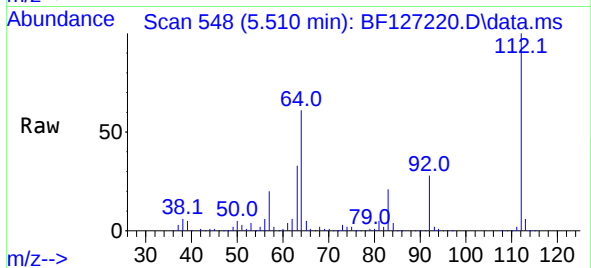
#5
2-Fluorophenol
Concen: 113.075 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

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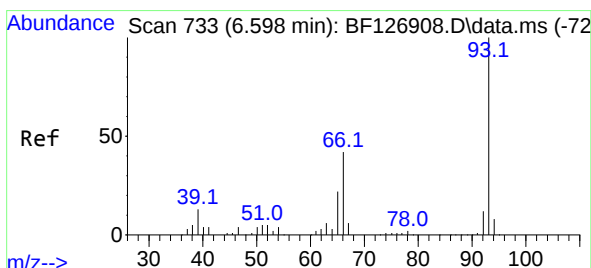
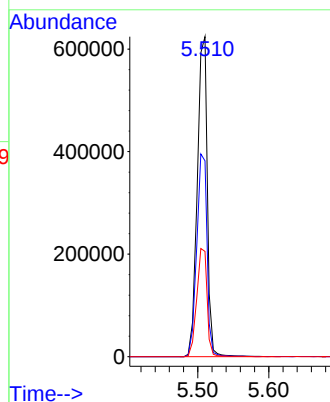
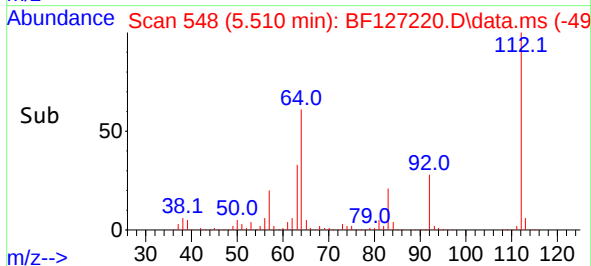


Tgt Ion:112 Resp: 61432
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 32.9 23.9 35.9

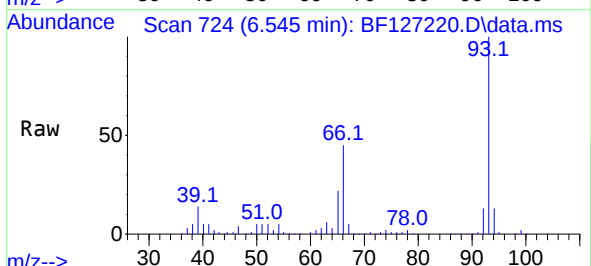
Manual Integrations

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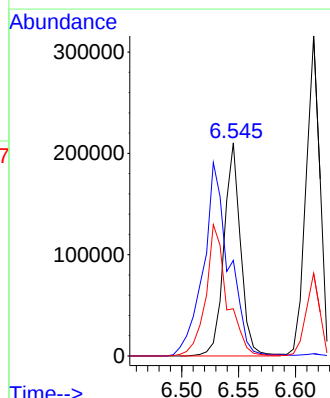
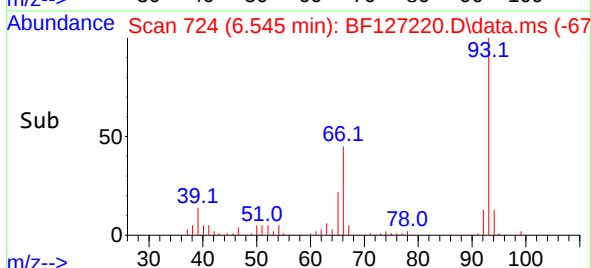
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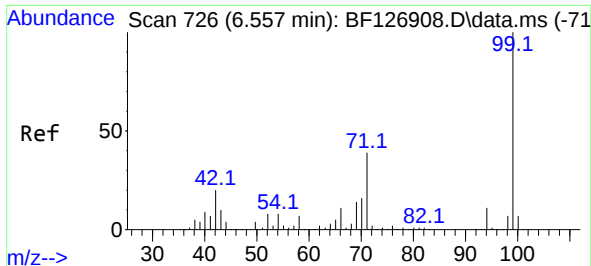


#6
Aniline
Concen: 24.614 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



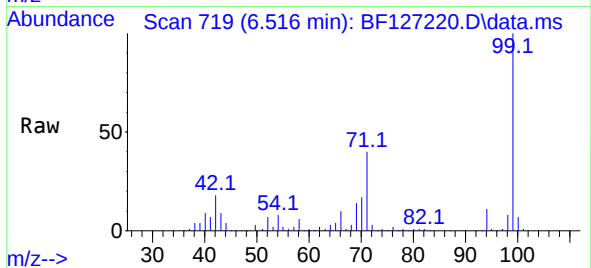
Tgt Ion: 93 Resp: 213799
Ion Ratio Lower Upper
93 100
66 44.8 32.2 48.4
65 22.2 16.3 24.5





#7
Phenol-d6
Concen: 114.052 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

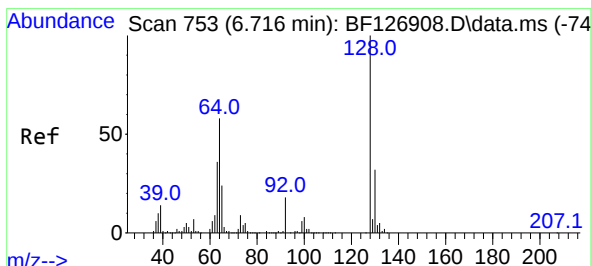
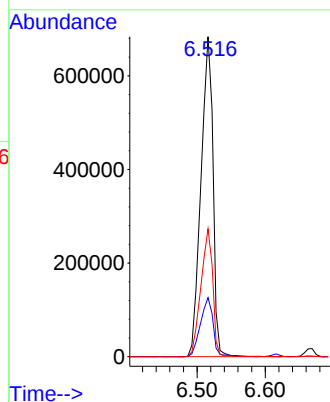
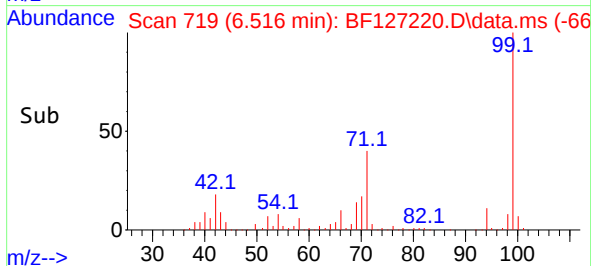
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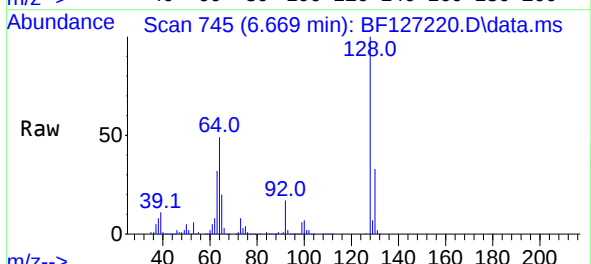
Tgt Ion: 99 Resp: 83610
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 40.0 24.3 36.5

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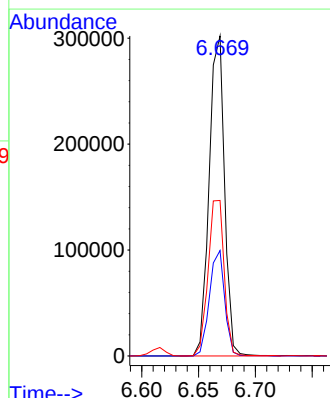
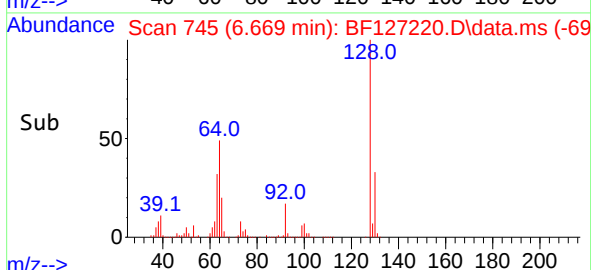
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#8
2-Chlorophenol
Concen: 48.712 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



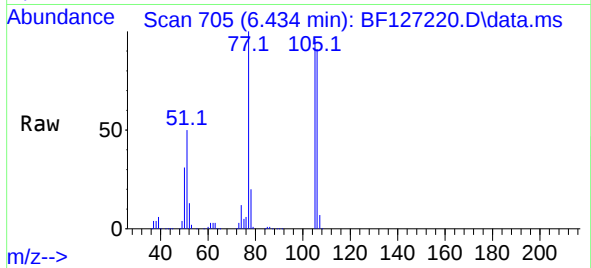
Tgt Ion:128 Resp: 283956
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 48.6 35.6 75.6





#9
Benzaldehyde
Concen: 40.823 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

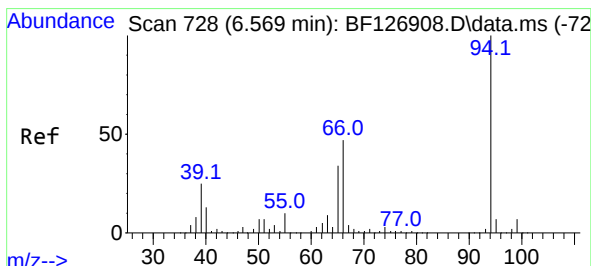
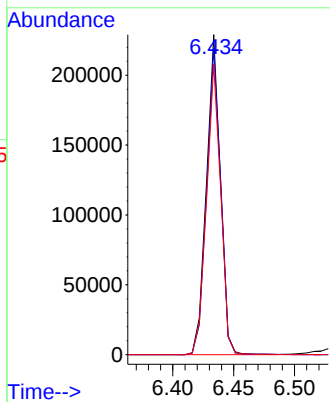
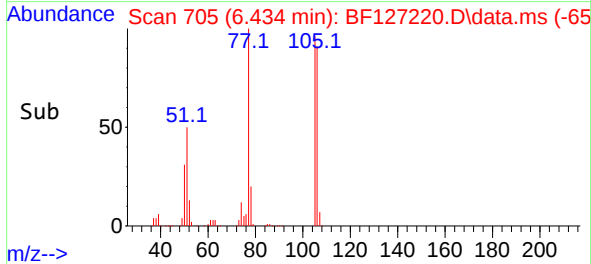
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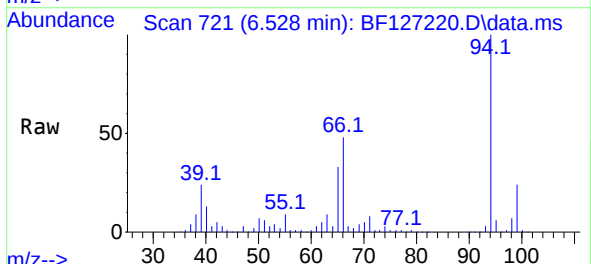
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Ion Ratio Lower Upper
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106 90.8 72.4 112.4

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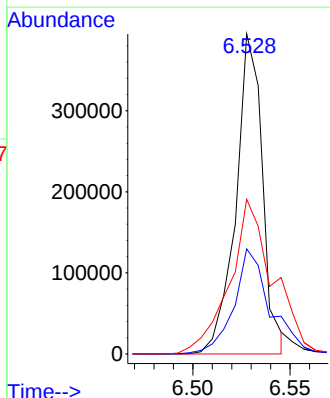
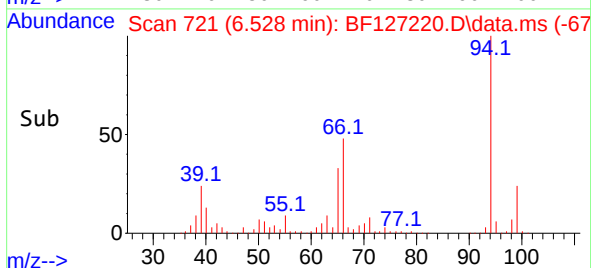
Reviewed By :Christian Giraldo 03/08/2022
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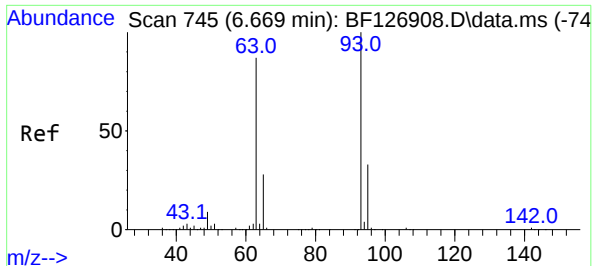


#10
Phenol
Concen: 50.654 ng m
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion: 94 Resp: 375217
Ion Ratio Lower Upper
94 100
65 32.8 7.2 47.2
66 48.4 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 45.989 ng
RT: 6.616 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

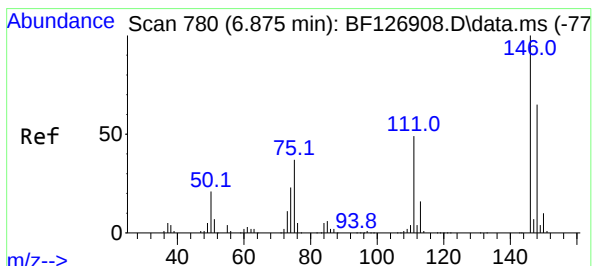
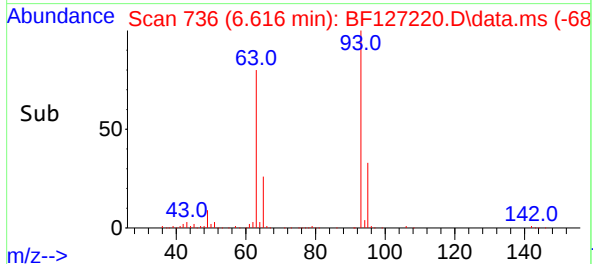
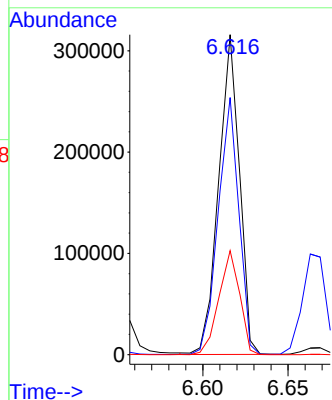
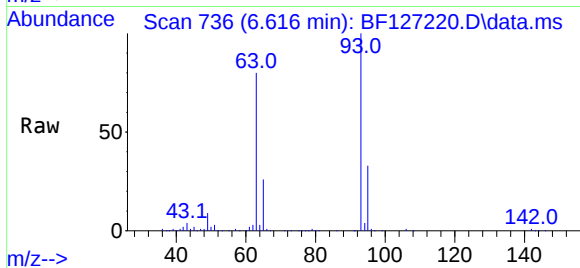
DUM-13MSD

Tgt Ion: 93 Resp: 267193
Ion Ratio Lower Upper
93 100
63 80.3 60.5 100.5
95 32.5 12.9 52.9

Manual Integrations

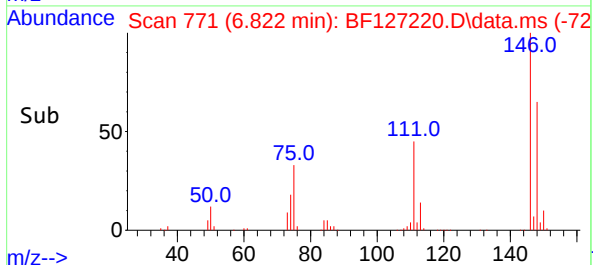
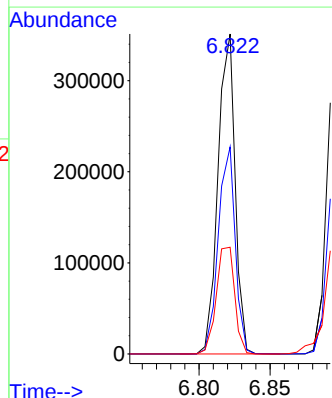
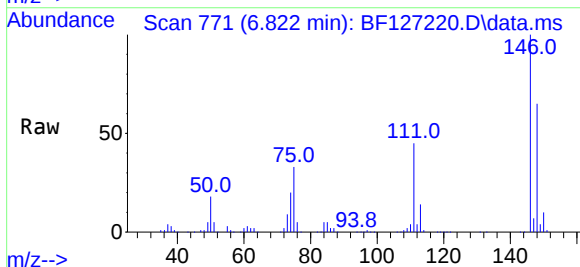
APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

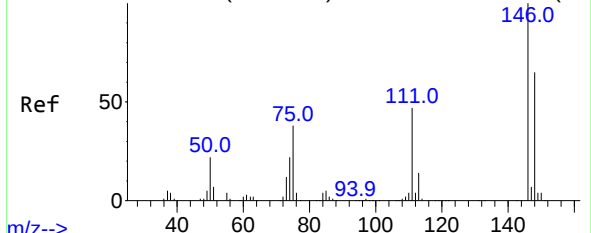


#12
1,3-Dichlorobenzene
Concen: 46.653 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:146 Resp: 293363
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 33.3 28.4 42.6

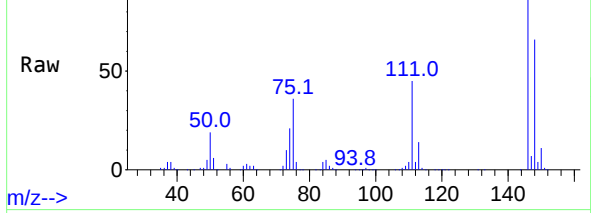


Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-78



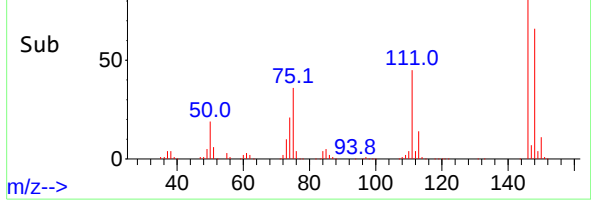
m/z-->

Abundance Scan 784 (6.898 min): BF127220.D\data.ms



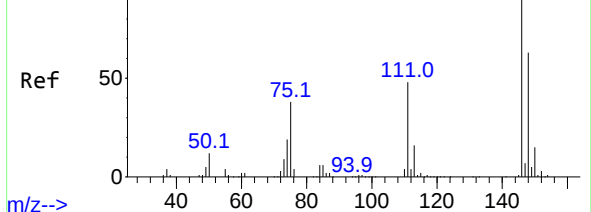
m/z-->

Abundance Scan 784 (6.898 min): BF127220.D\data.ms (-73



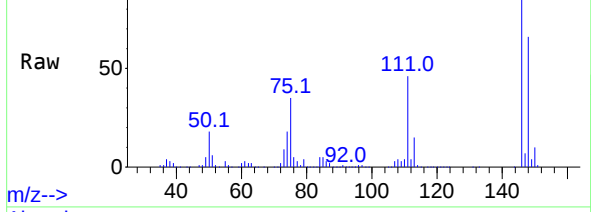
m/z-->

Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-81



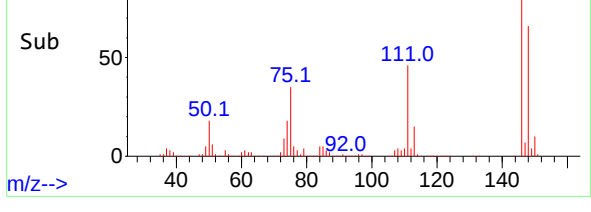
m/z-->

Abundance Scan 810 (7.051 min): BF127220.D\data.ms



m/z-->

Abundance Scan 810 (7.051 min): BF127220.D\data.ms (-75



m/z-->

#13

1,4-Dichlorobenzene

Concen: 47.021 ng

RT: 6.898 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Tgt Ion:146 Resp: 299754

Ion Ratio Lower Upper

146 100

148 65.7 49.8 74.6

111 44.7 36.1 54.1

Instrument :

BNA_F

ClientSampleId :

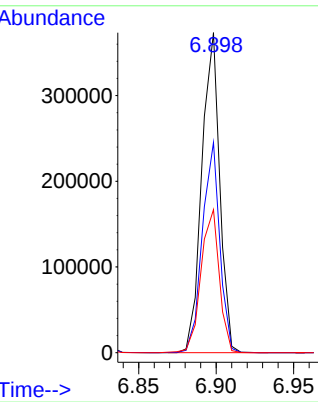
DUM-13MSD

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022



#14

1,2-Dichlorobenzene

Concen: 46.674 ng

RT: 7.051 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

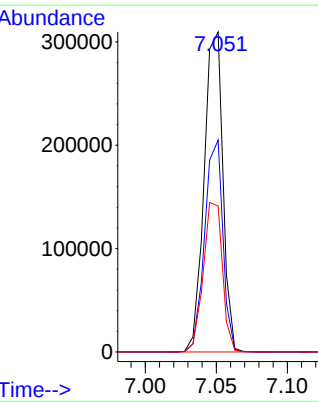
Tgt Ion:146 Resp: 283747

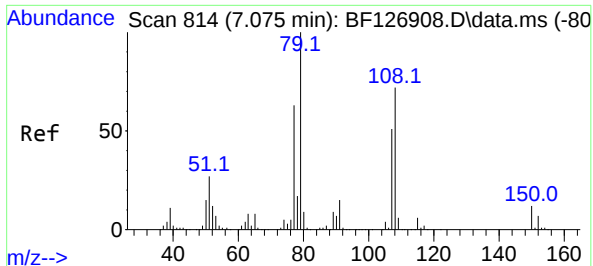
Ion Ratio Lower Upper

146 100

148 66.2 51.6 77.4

111 45.6 40.2 60.2





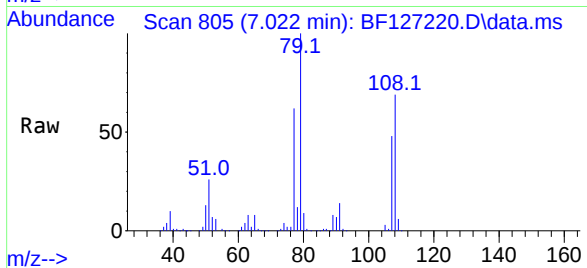
#15
Benzyl Alcohol
Concen: 42.380 ng
RT: 7.022 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

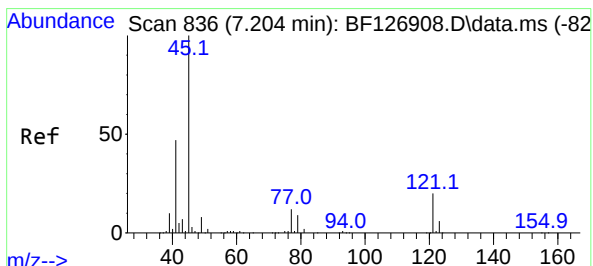
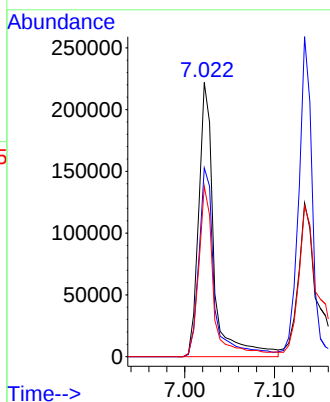
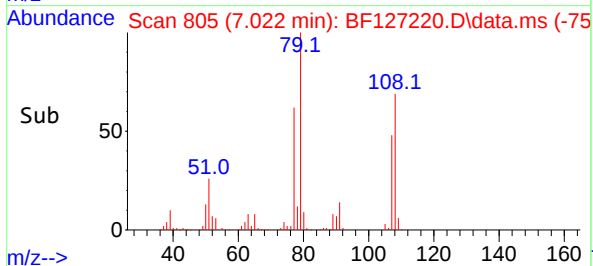


Tgt Ion: 79 Resp: 261738
Ion Ratio Lower Upper
79 100
108 68.8 63.2 94.8
77 62.1 49.4 74.2

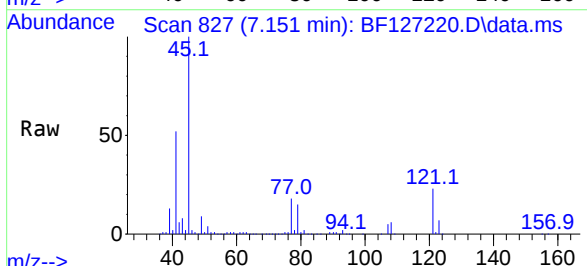
Manual Integrations

APPROVED

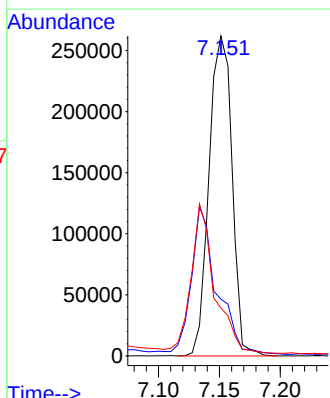
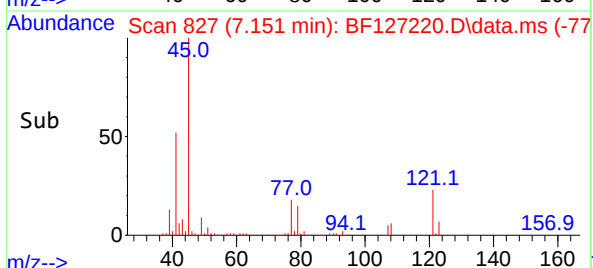
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

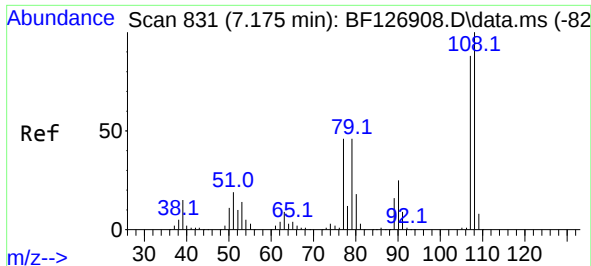


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.729 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



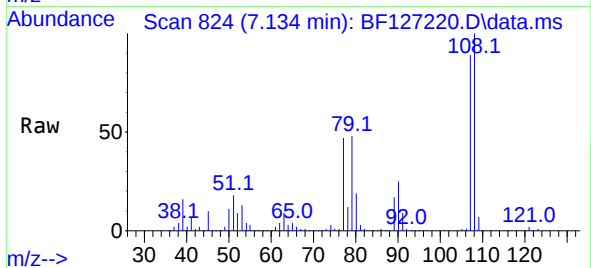
Tgt Ion: 45 Resp: 345167
Ion Ratio Lower Upper
45 100
77 17.8 0.0 32.4
79 14.9 0.0 29.8





#17
2-Methylphenol
Concen: 47.523 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

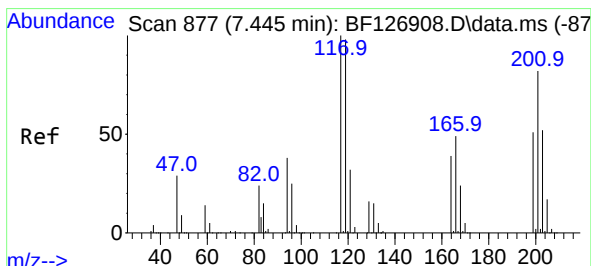
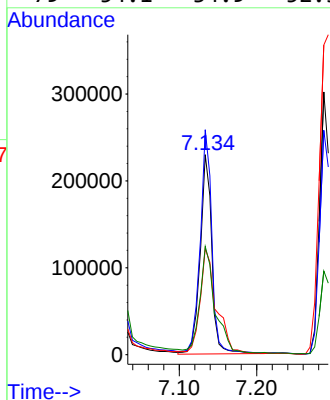
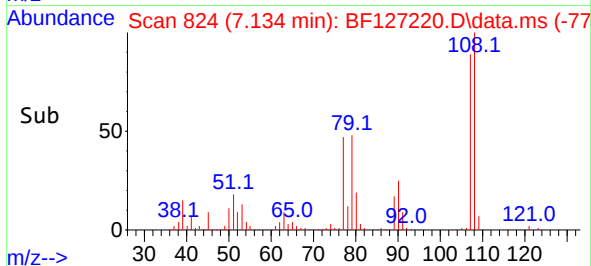
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



Tgt Ion:107 Resp: 239670
Ion Ratio Lower Upper
107 100
108 112.5 93.4 140.0
77 53.0 36.1 54.1
79 54.1 34.9 52.3#

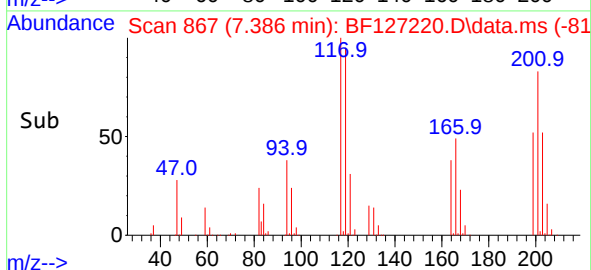
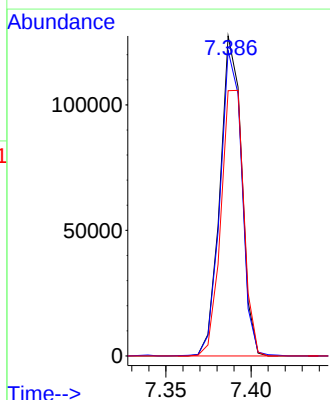
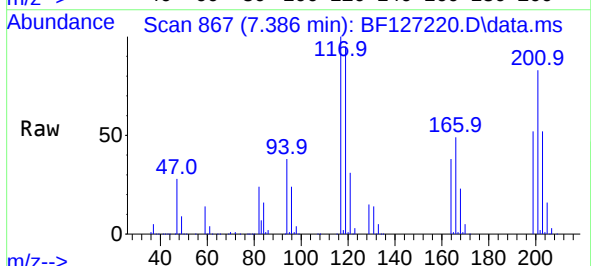
Manual Integrations
APPROVED

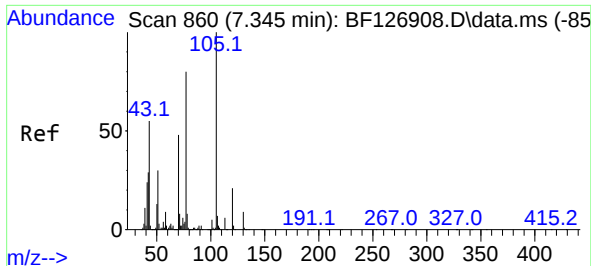
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#18
Hexachloroethane
Concen: 45.944 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

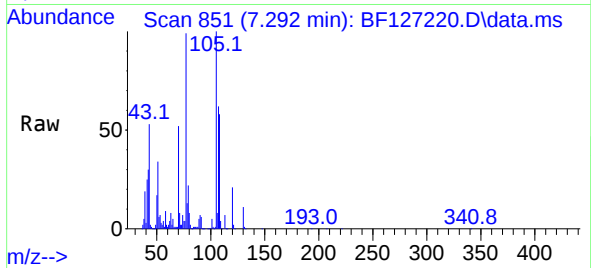
Tgt Ion:117 Resp: 112267
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0
201 82.9 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 43.434 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

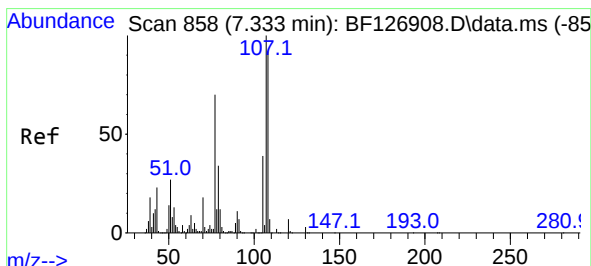
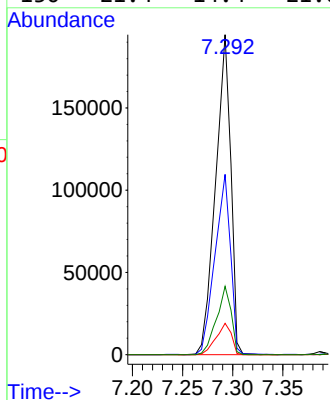
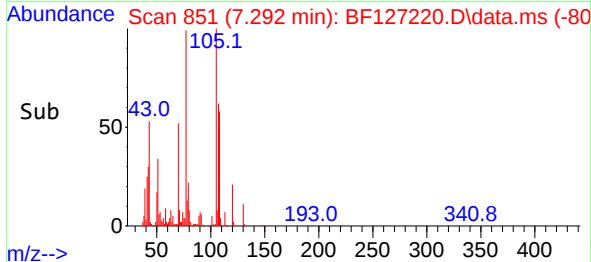
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



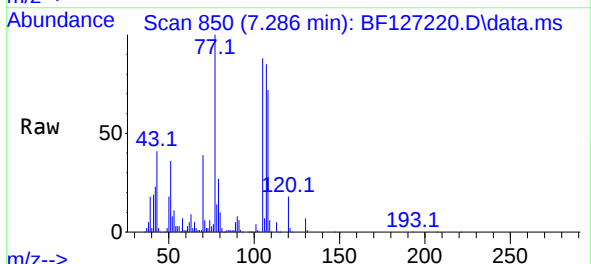
Tgt Ion: 70 Resp: 20517
Ion Ratio Lower Upper
70 100
42 56.4 45.8 68.8
101 9.8 6.9 10.3
130 21.4 14.4 21.6

Manual Integrations
APPROVED

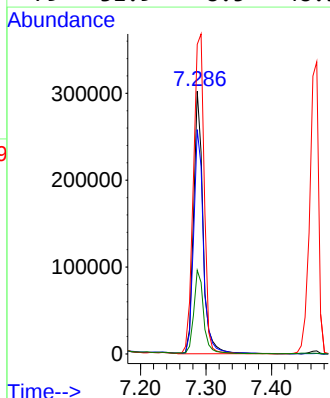
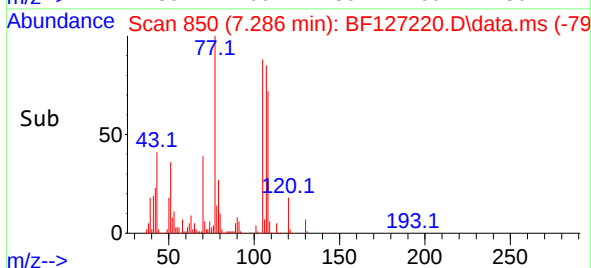
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

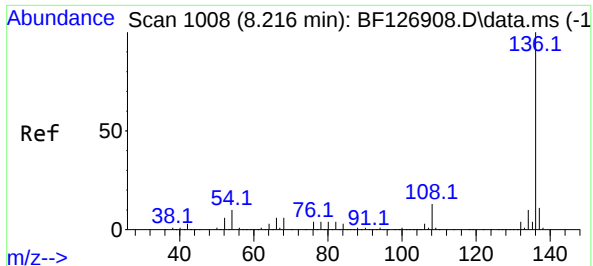


#20
3+4-Methylphenols
Concen: 46.103 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



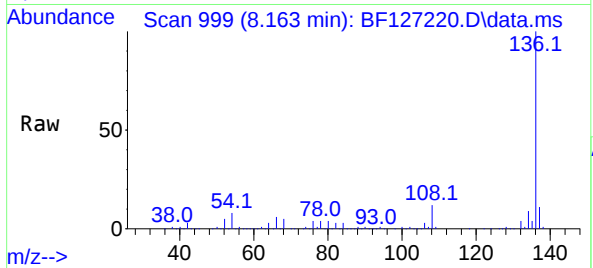
Tgt Ion:107 Resp: 301933
Ion Ratio Lower Upper
107 100
108 85.4 72.4 112.4
77 117.8 83.8 123.8
79 31.9 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

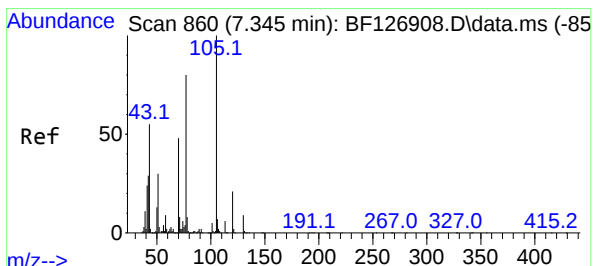
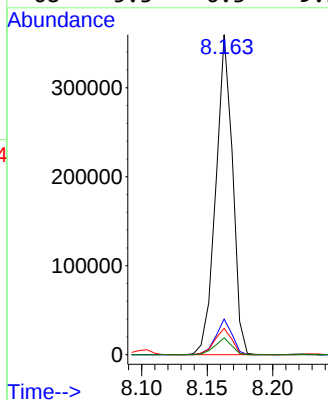
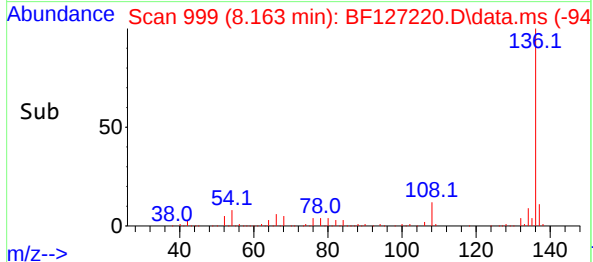
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



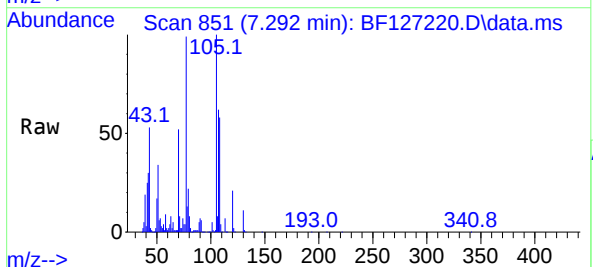
Tgt Ion:136 Resp: 31785
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.2 7.8 11.6
68 5.3 6.3 9.5#

Manual Integrations
APPROVED

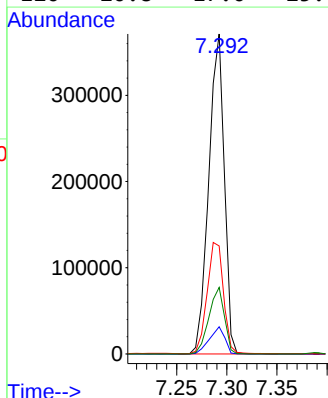
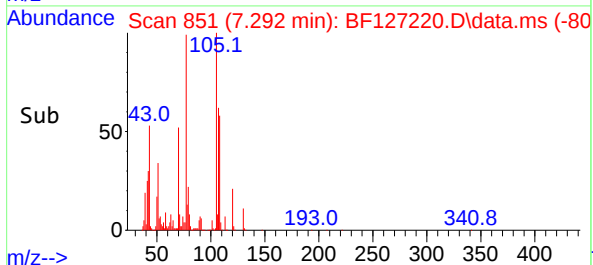
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

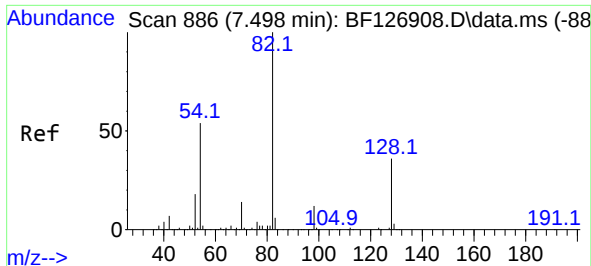


#22
Acetophenone
Concen: 47.912 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:105 Resp: 400967
Ion Ratio Lower Upper
105 100
71 8.5 5.4 8.0#
51 33.8 27.4 41.0
120 20.8 17.0 25.6





#23
Nitrobenzene-d5
Concen: 79.169 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

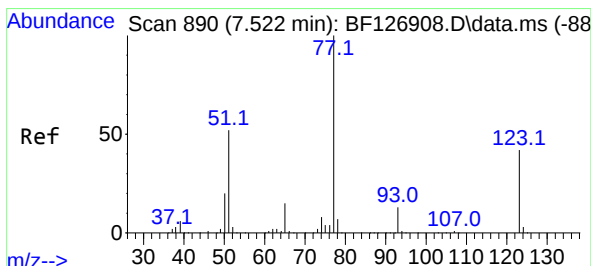
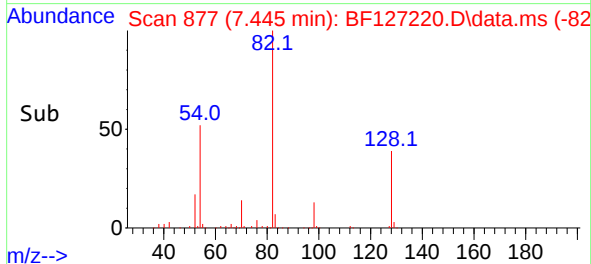
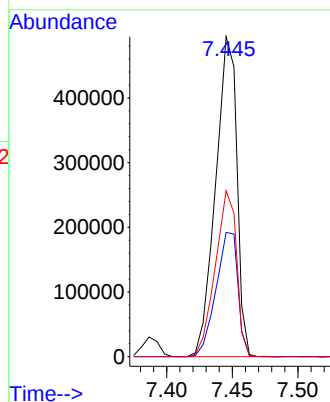
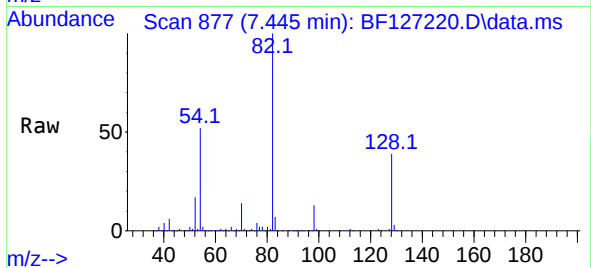
DUM-13MSD

Tgt Ion: 82 Resp: 557498
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 51.9 41.7 62.5

Manual Integrations

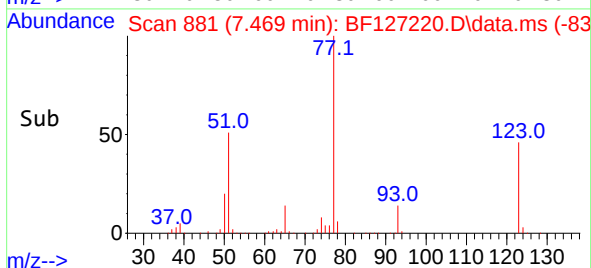
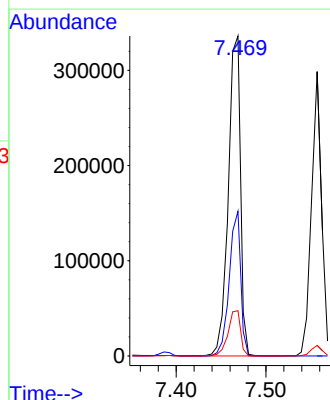
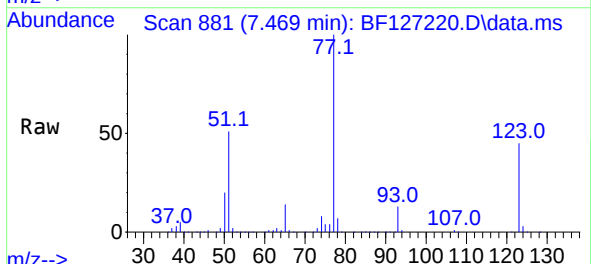
APPROVED

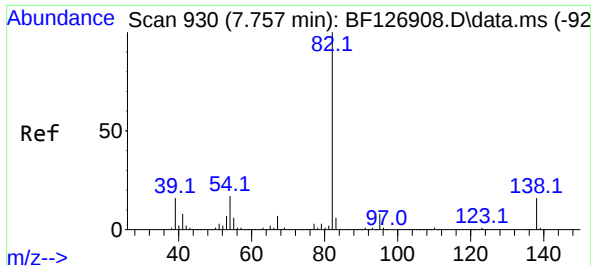
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#24
Nitrobenzene
Concen: 47.771 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion: 77 Resp: 317787
Ion Ratio Lower Upper
77 100
123 45.2 34.6 52.0
65 14.2 10.6 15.8





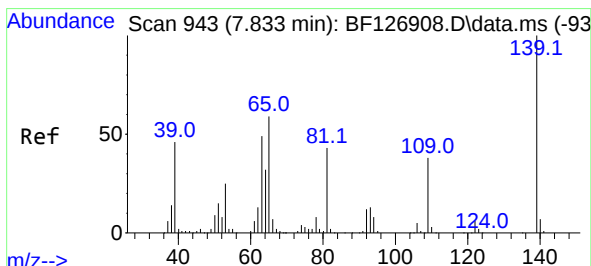
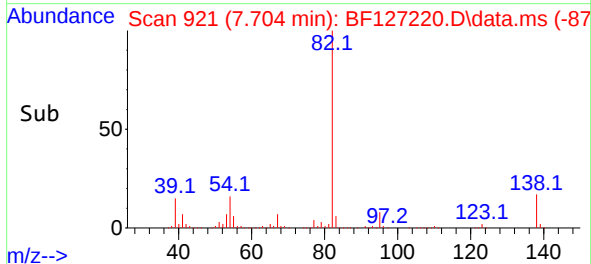
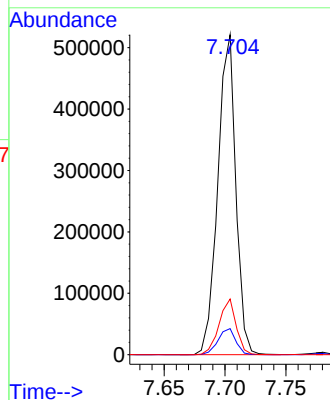
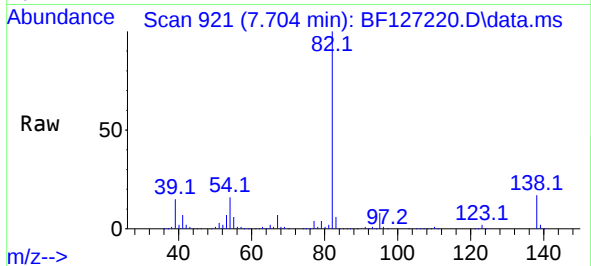
#25
Isophorone
Concen: 46.097 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

Tgt Ion: 82 Resp: 53714
Ion Ratio Lower Upper
82 100
95 8.1 5.0 7.4
138 17.4 12.3 18.5

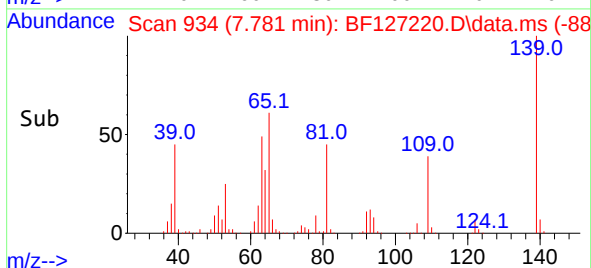
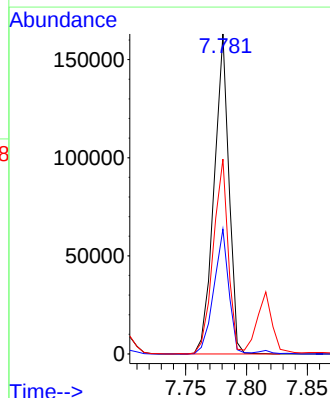
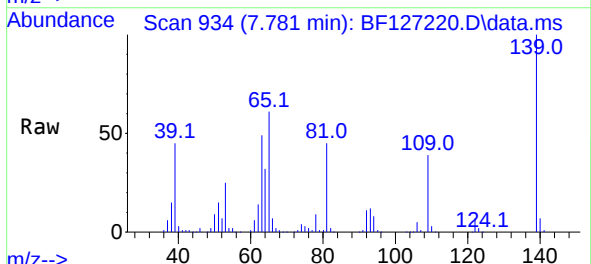
Manual Integrations
APPROVED

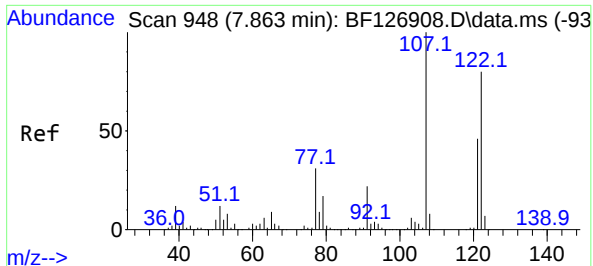
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#26
2-Nitrophenol
Concen: 48.959 ng
RT: 7.781 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:139 Resp: 138669
Ion Ratio Lower Upper
139 100
109 39.0 20.0 30.0
65 60.9 40.8 61.2





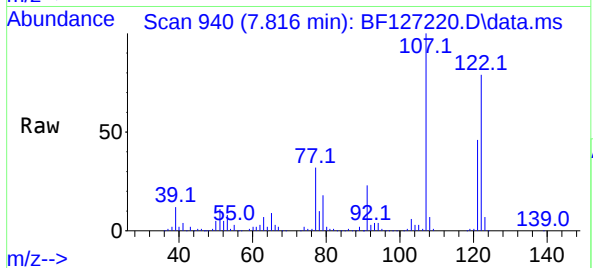
#27
2,4-Dimethylphenol
Concen: 52.518 ng m
RT: 7.816 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

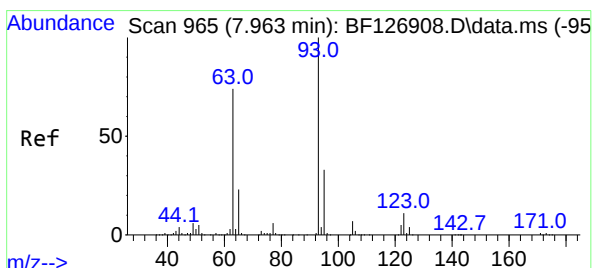
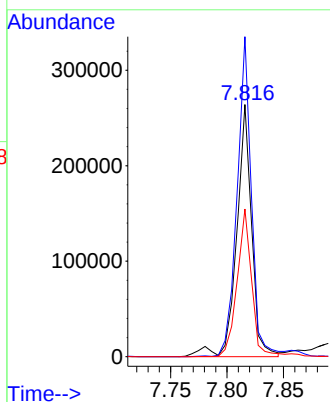
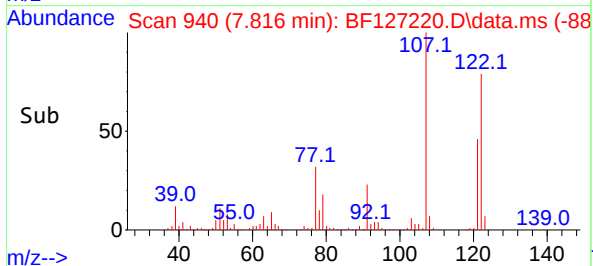


Tgt Ion:122 Resp: 24436
Ion Ratio Lower Upper
122 100
107 126.9 91.2 136.8
121 58.6 44.4 66.6

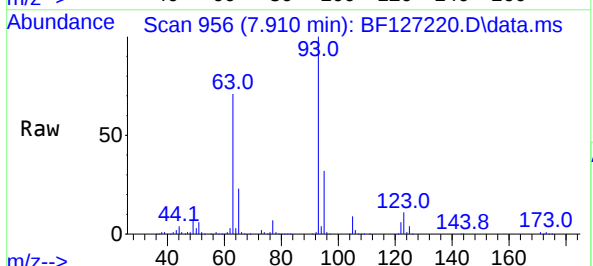
Manual Integrations

APPROVED

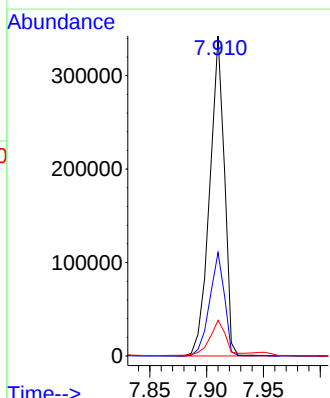
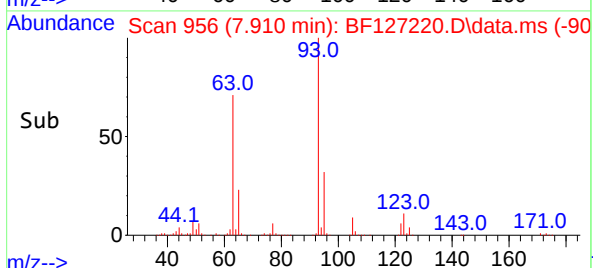
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

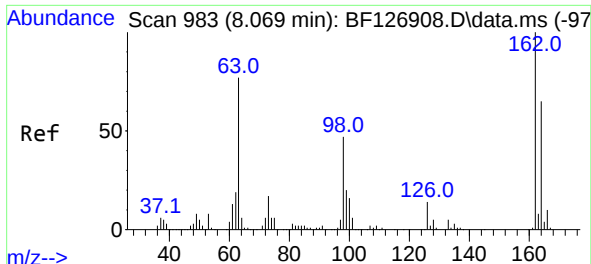


#28
bis(2-Chloroethoxy)methane
Concen: 43.721 ng
RT: 7.910 min Scan# 956
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion: 93 Resp: 308859
Ion Ratio Lower Upper
93 100
95 32.4 25.4 38.2
123 11.2 8.9 13.3





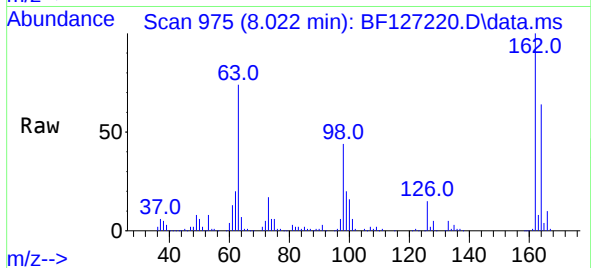
#29
2,4-Dichlorophenol
Concen: 48.388 ng
RT: 8.022 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

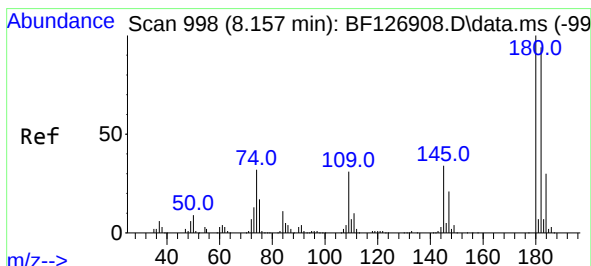
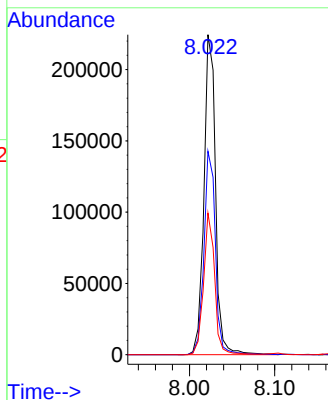
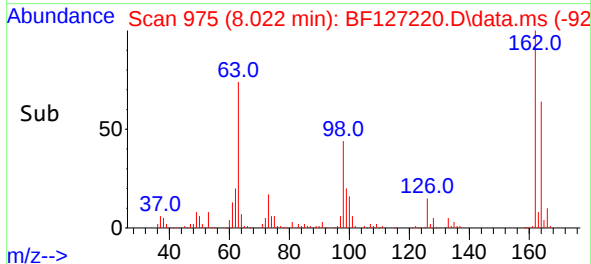


Tgt Ion:162 Resp: 211672
Ion Ratio Lower Upper
162 100
164 63.5 43.8 83.8
98 44.3 23.6 63.6

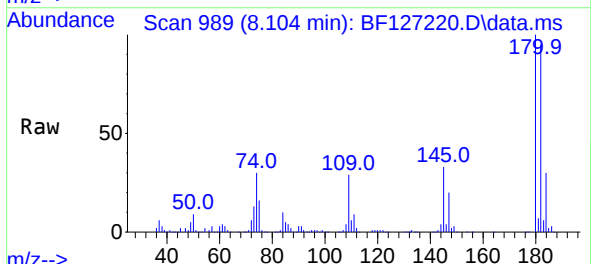
Manual Integrations

APPROVED

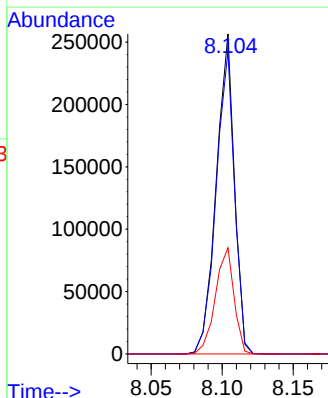
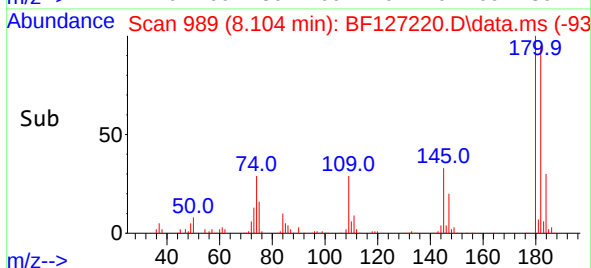
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#30
1,2,4-Trichlorobenzene
Concen: 46.563 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:180 Resp: 227725
Ion Ratio Lower Upper
180 100
182 94.7 75.5 113.3
145 33.2 26.2 39.2





#31
Naphthalene
Concen: 46.298 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

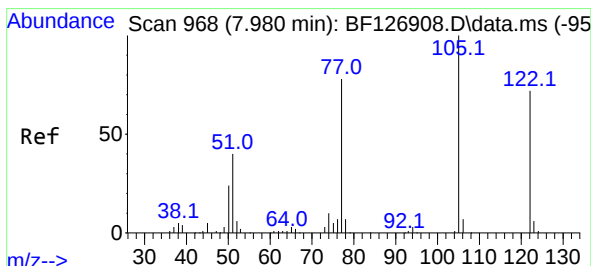
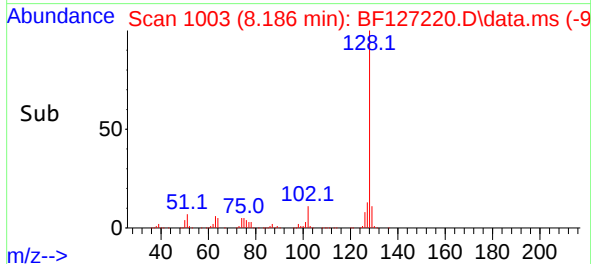
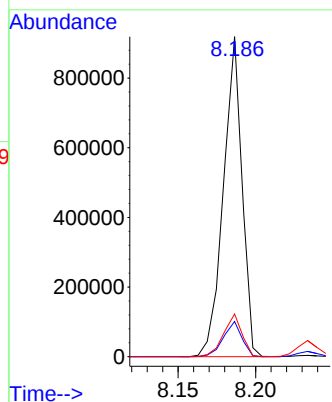
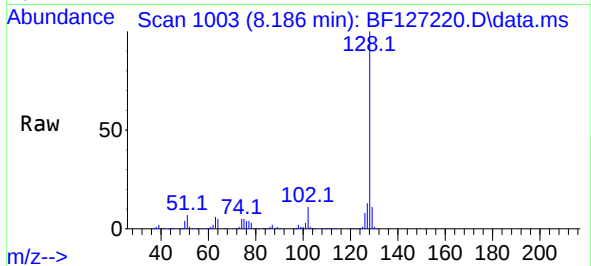
DUM-13MSD

Tgt Ion:128 Resp: 76820
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.3 15.5

Manual Integrations

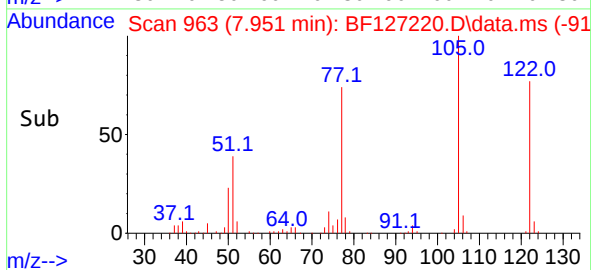
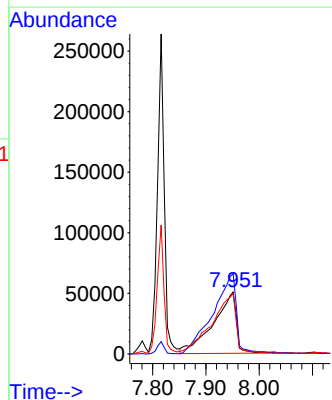
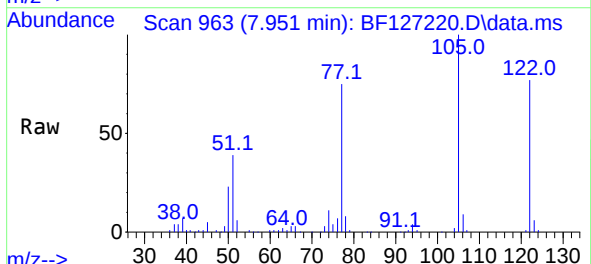
APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#32
Benzoic acid
Concen: 46.075 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:122 Resp: 152039
Ion Ratio Lower Upper
122 100
105 129.4 101.0 141.0
77 97.5 74.5 114.5





#33

4-Chloroaniline

Concen: 7.101 ng

RT: 8.233 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

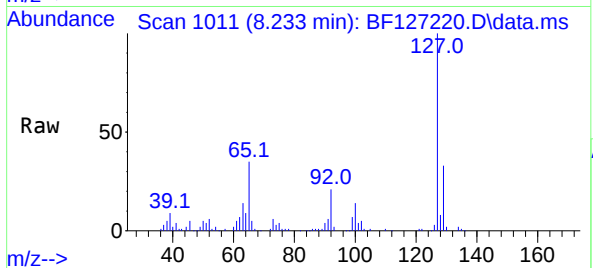
Tgt Ion:	127	Resp:	4637
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	35.1	26.6	39.8
92	21.4	16.1	24.1

Manual Integrations

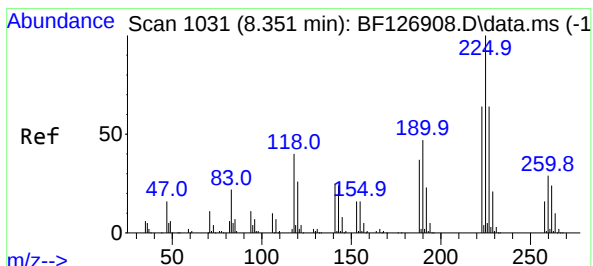
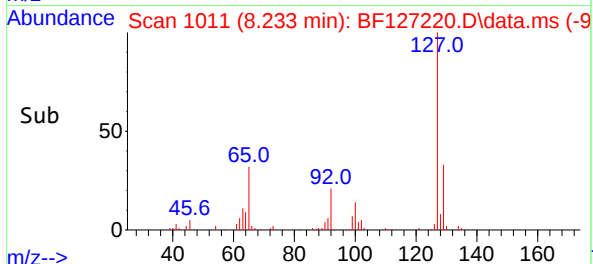
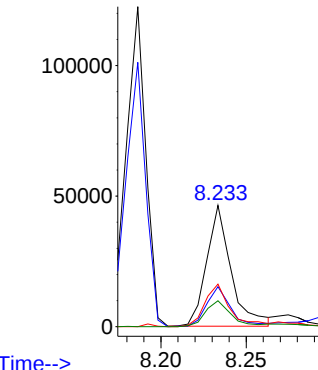
APPROVED

Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022



Abundance



#34

Hexachlorobutadiene

Concen: 46.910 ng

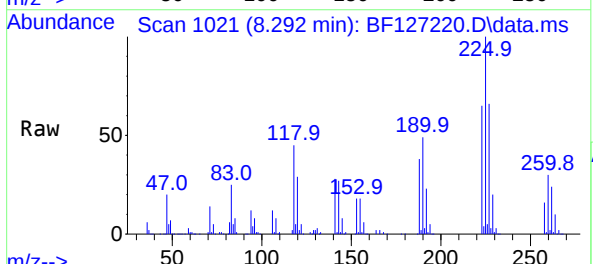
RT: 8.292 min Scan# 1021

Delta R.T. -0.006 min

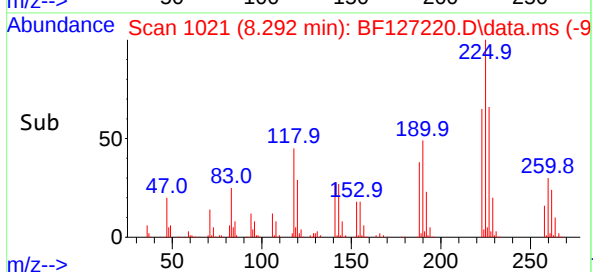
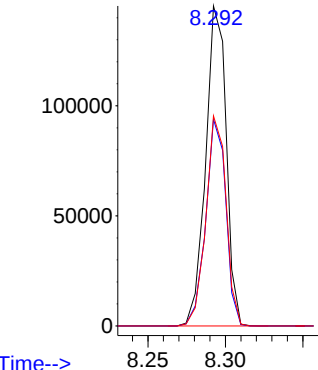
Lab File: BF127220.D

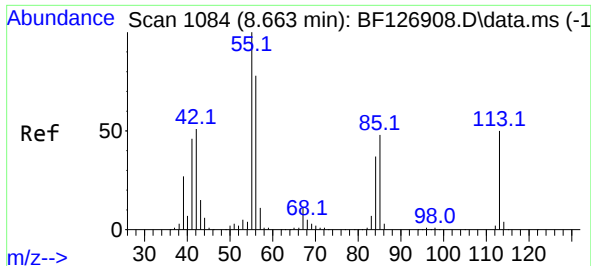
Acq: 07 Mar 2022 13:32

Tgt Ion:	225	Resp:	133939
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.6	73.0
227	65.7	51.4	77.0



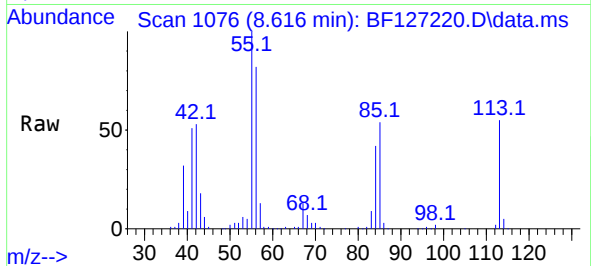
Abundance





#35
Caprolactam
Concen: 45.623 ng m
RT: 8.616 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

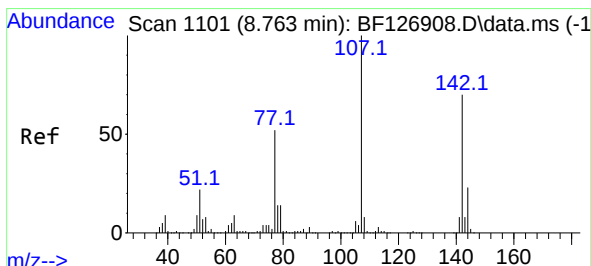
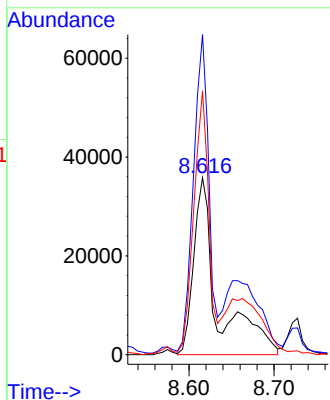
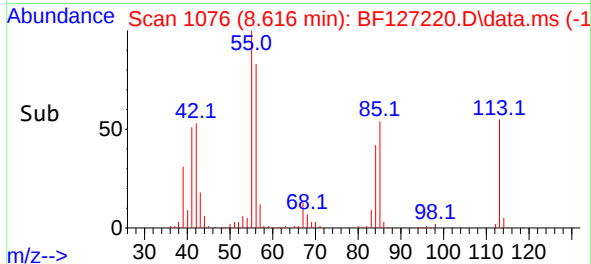
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



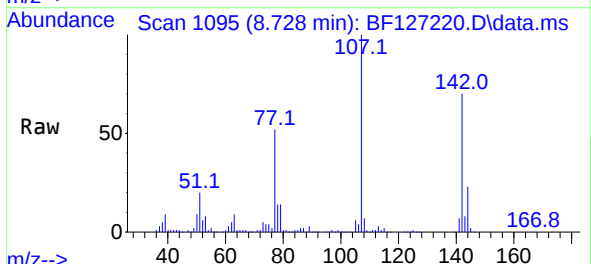
Tgt Ion:113 Resp: 6969
Ion Ratio Lower Upper
113 100
55 180.8 183.9 223.9
56 149.1 129.9 169.9

Manual Integrations
APPROVED

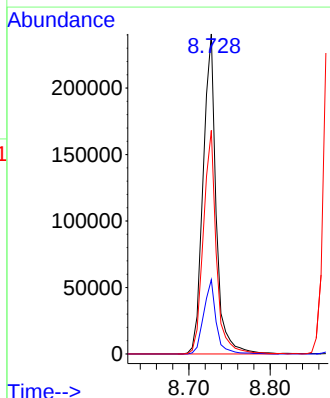
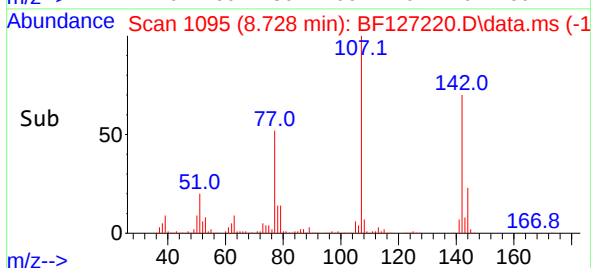
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

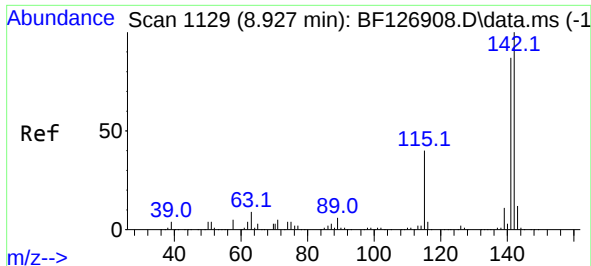


#36
4-Chloro-3-methylphenol
Concen: 48.089 ng
RT: 8.728 min Scan# 1095
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:107 Resp: 268852
Ion Ratio Lower Upper
107 100
144 23.2 18.5 27.7
142 69.9 58.1 87.1





#37

2-Methylnaphthalene

Concen: 47.775 ng

RT: 8.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

Tgt Ion:142 Resp: 51437

Ion Ratio Lower Upper

142 100

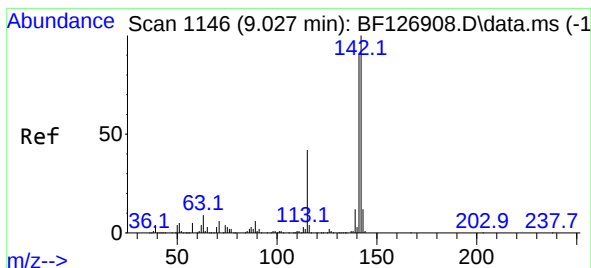
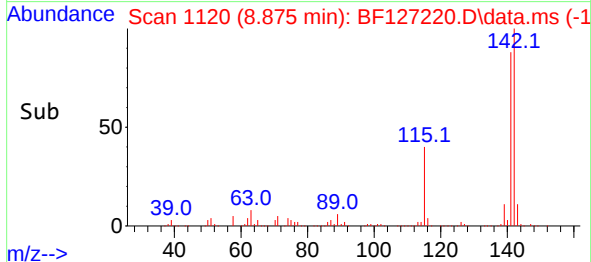
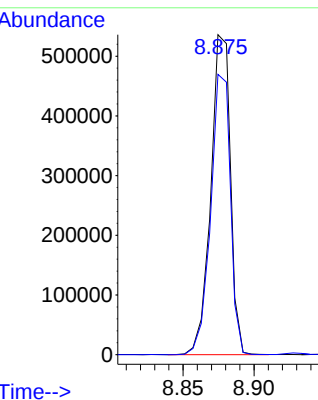
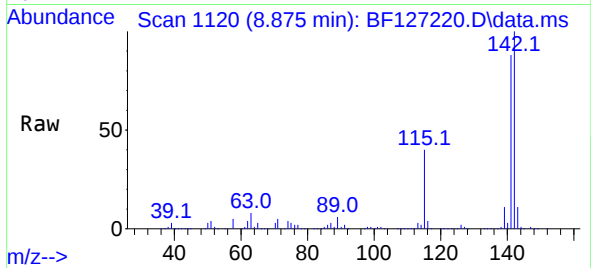
141 87.6 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022



#38

1-Methylnaphthalene

Concen: 47.909 ng

RT: 8.975 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF127220.D

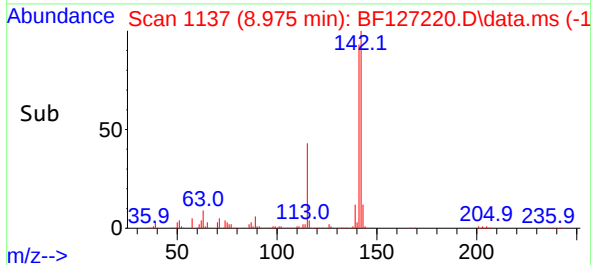
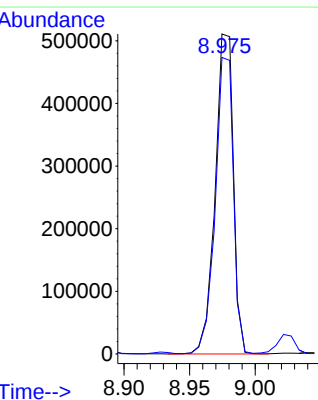
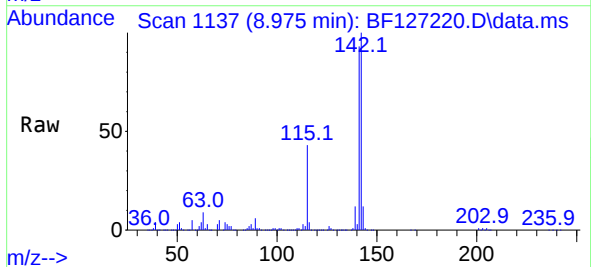
Acq: 07 Mar 2022 13:32

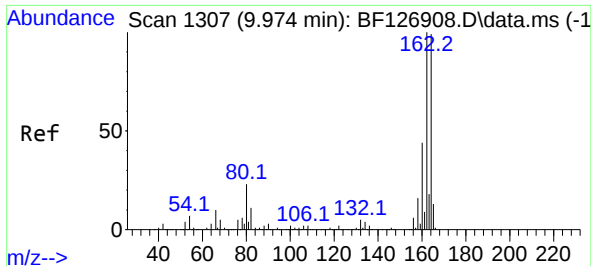
Tgt Ion:142 Resp: 493943

Ion Ratio Lower Upper

142 100

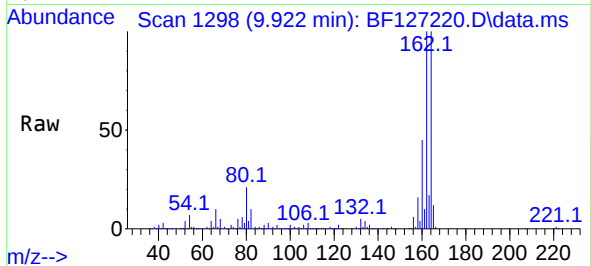
141 92.6 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

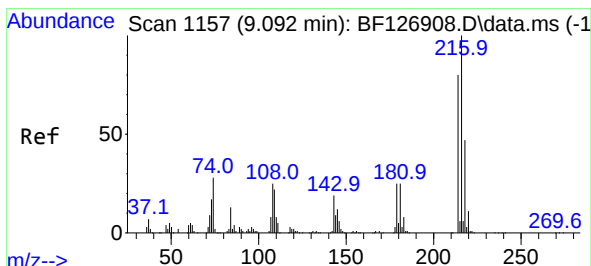
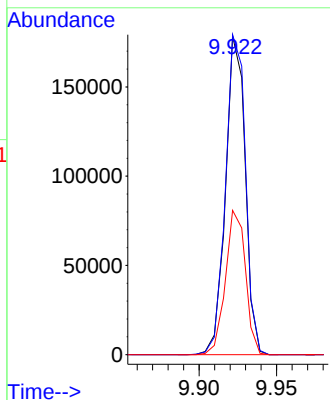
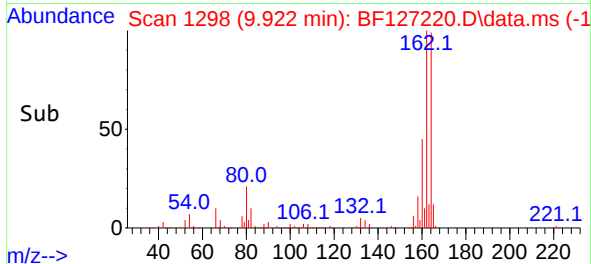
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



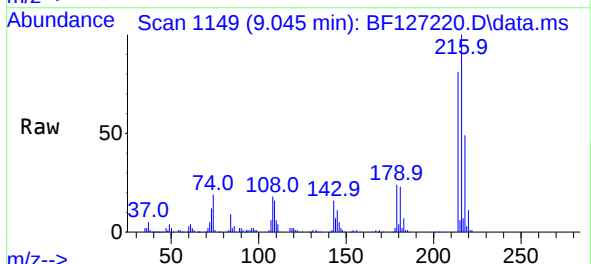
Tgt Ion:164 Resp: 157449
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.3 36.6 54.8

Manual Integrations
APPROVED

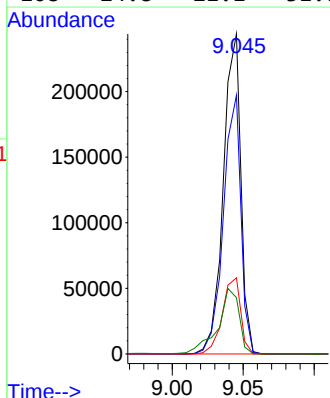
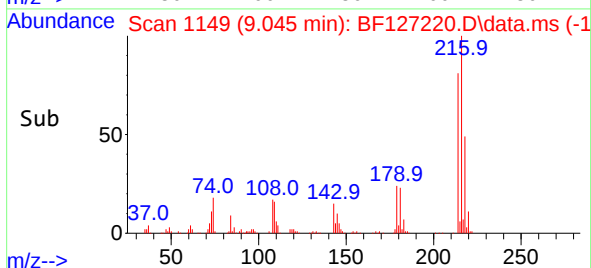
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

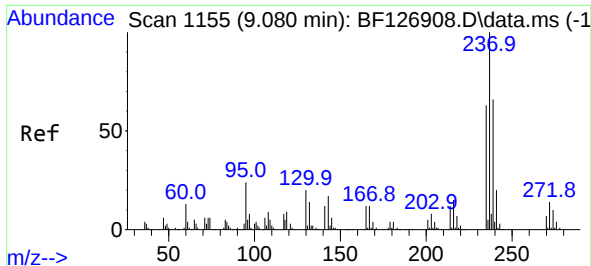


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.417 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



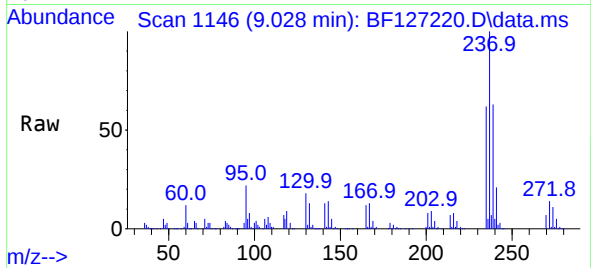
Tgt Ion:216 Resp: 208958
Ion Ratio Lower Upper
216 100
214 80.6 64.6 96.8
179 24.8 19.5 29.3
108 24.8 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 88.668 ng
RT: 9.028 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

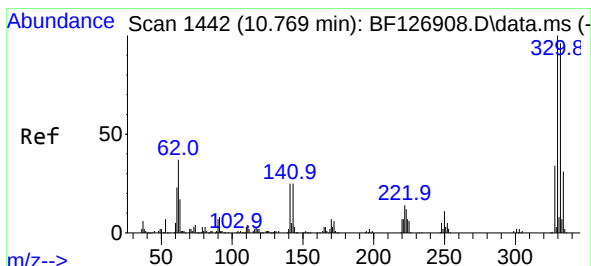
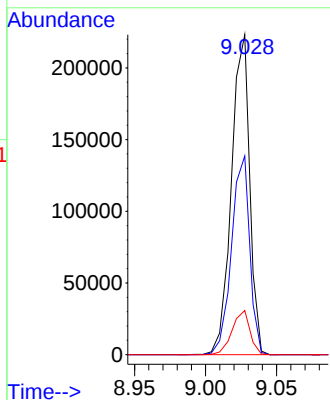
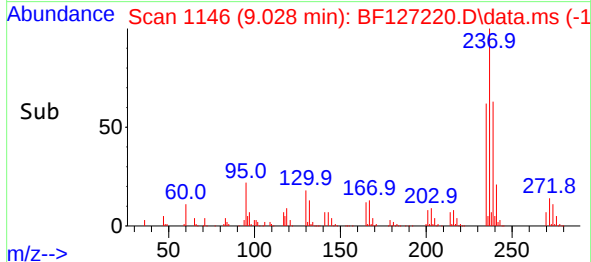
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



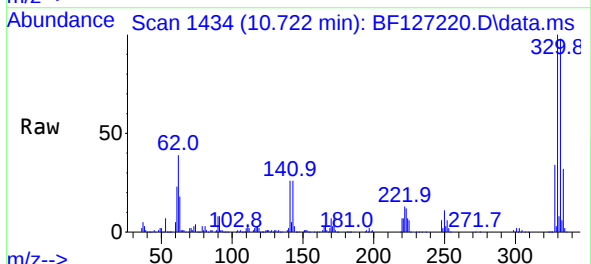
Tgt Ion:237 Resp: 199315
Ion Ratio Lower Upper
237 100
235 62.1 38.9 78.9
272 13.8 0.0 33.5

Manual Integrations
APPROVED

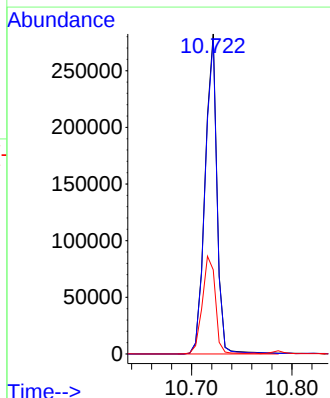
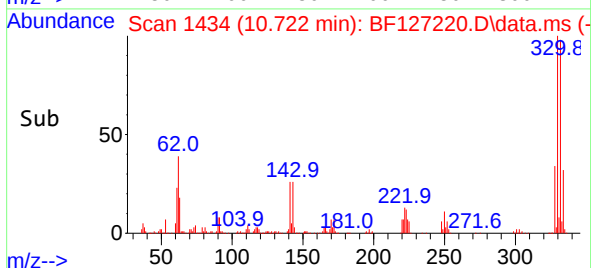
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

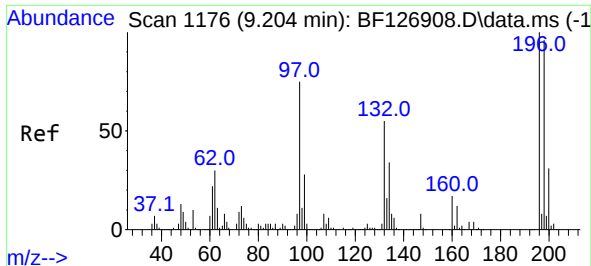


#42
2,4,6-Tribromophenol
Concen: 129.365 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



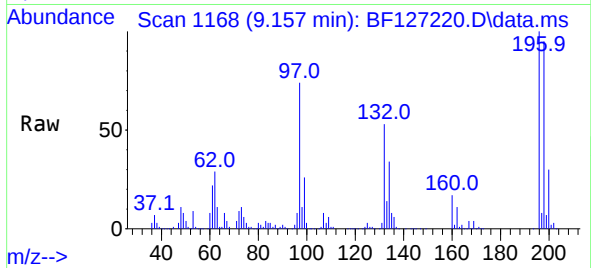
Tgt Ion:330 Resp: 234514
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 33.7 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 48.642 ng
RT: 9.157 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

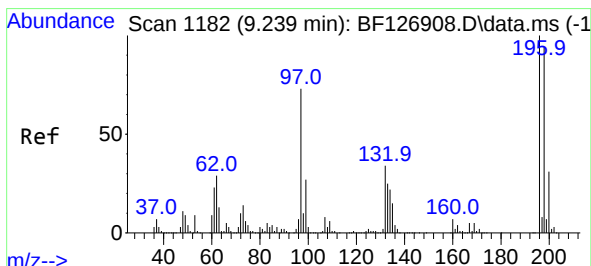
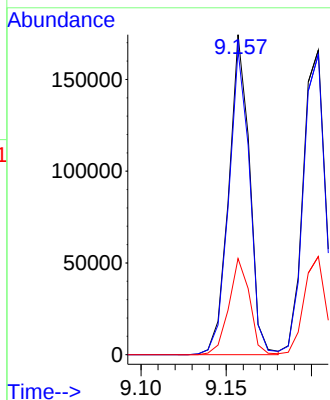
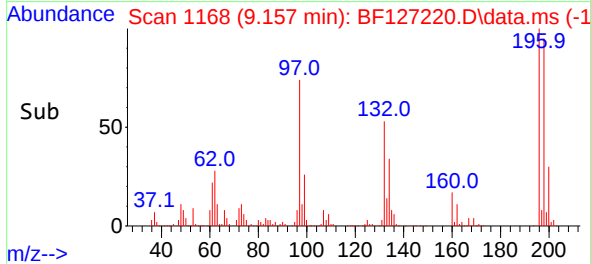
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



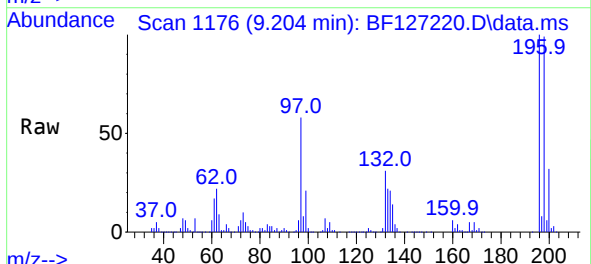
Tgt Ion:196 Resp: 147864
Ion Ratio Lower Upper
196 100
198 95.2 78.5 117.7
200 30.1 24.9 37.3

Manual Integrations
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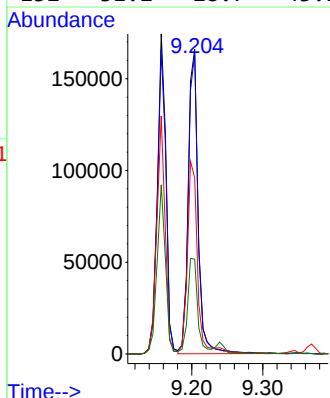
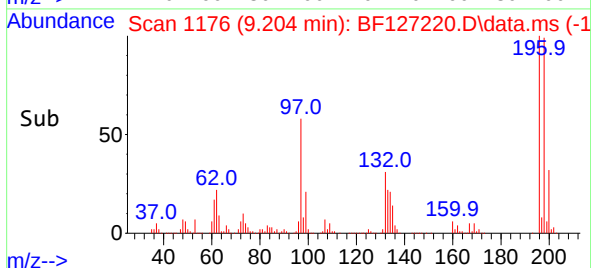
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

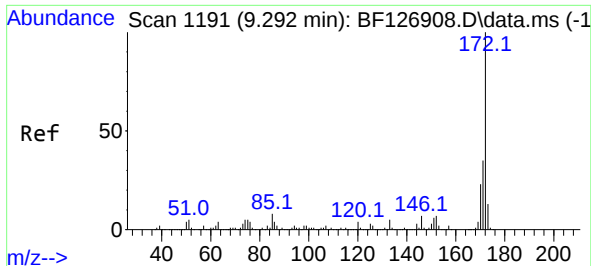


#44
2,4,5-Trichlorophenol
Concen: 50.252 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:196 Resp: 160746
Ion Ratio Lower Upper
196 100
198 98.6 82.0 123.0
97 57.9 53.5 80.3
132 31.2 28.7 43.1





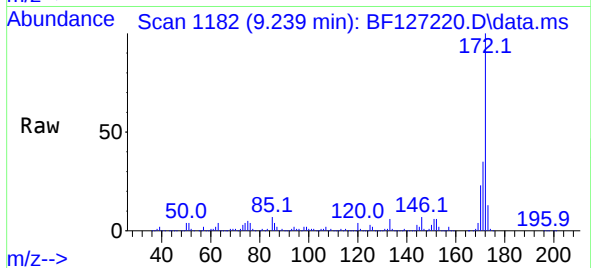
#45
2-Fluorobiphenyl
Concen: 83.000 ng
RT: 9.239 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

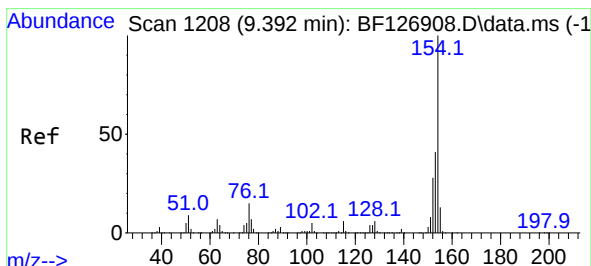
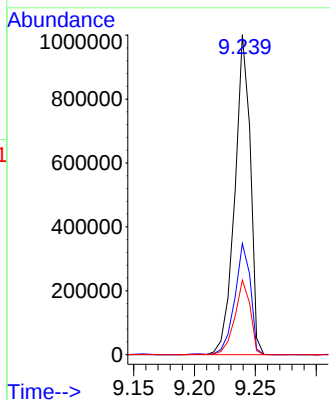
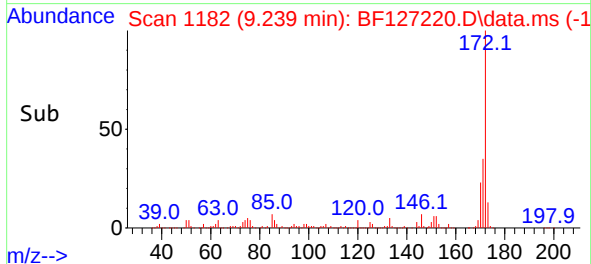


Tgt Ion:172 Resp: 887700
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.0 28.6

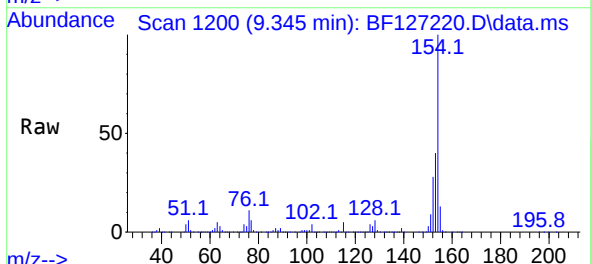
Manual Integrations

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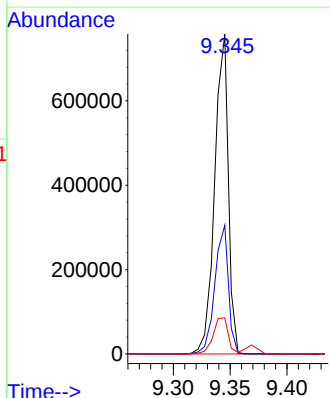
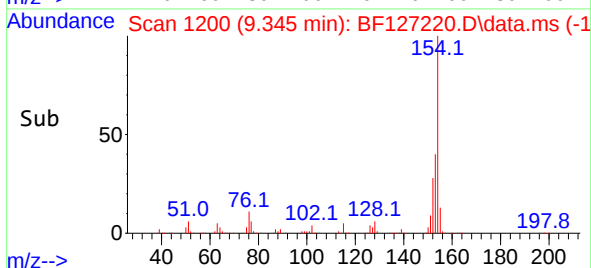
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#46
1,1'-Biphenyl
Concen: 50.738 ng
RT: 9.345 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:154 Resp: 632921
Ion Ratio Lower Upper
154 100
153 40.2 19.0 59.0
76 11.3 0.0 34.5





#47

2-Chloronaphthalene

Concen: 50.233 ng

RT: 9.369 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

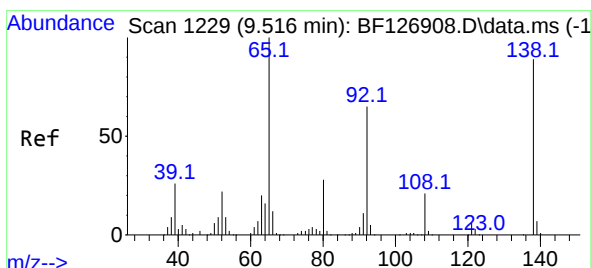
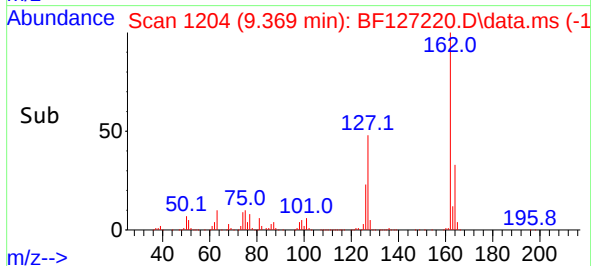
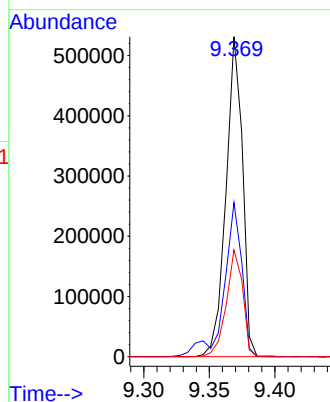
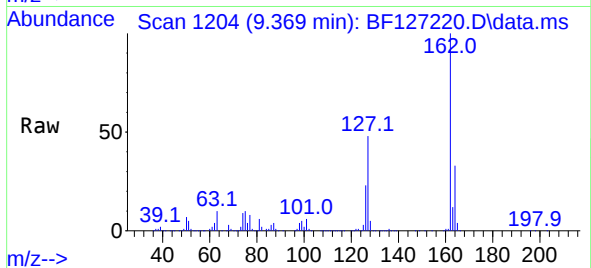
Tgt Ion:162 Resp: 464680

Ion	Ratio	Lower	Upper
162	100		
127	48.2	33.5	50.3
164	33.4	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#48

2-Nitroaniline

Concen: 45.621 ng

RT: 9.469 min Scan# 1221

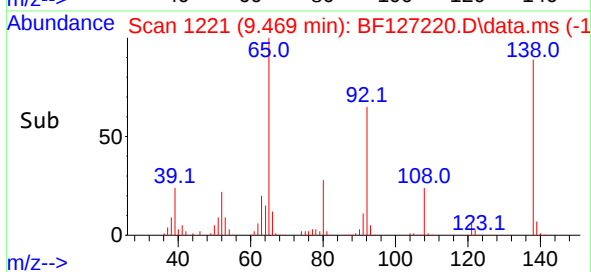
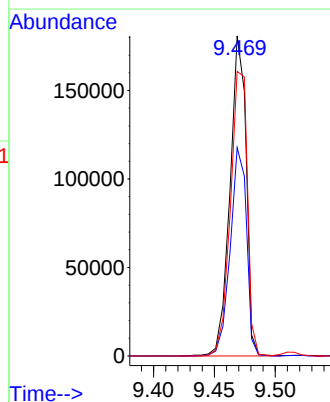
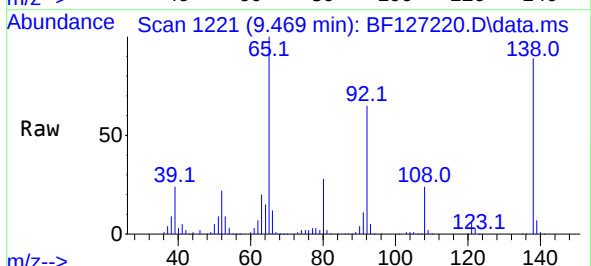
Delta R.T. -0.000 min

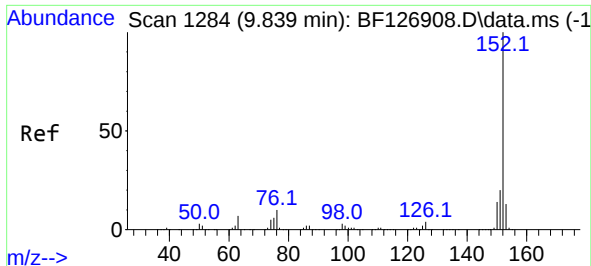
Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Tgt Ion: 65 Resp: 166535

Ion	Ratio	Lower	Upper
65	100		
92	65.1	54.4	81.6
138	89.0	72.5	108.7





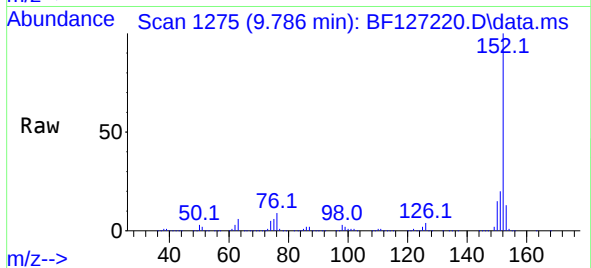
#49
Acenaphthylene
Concen: 50.247 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

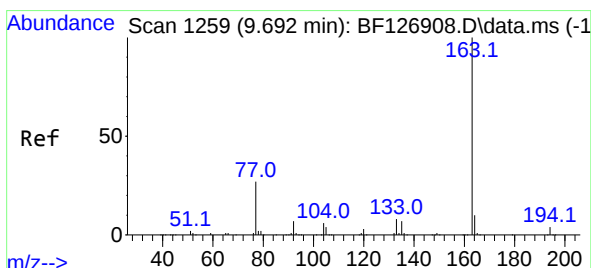
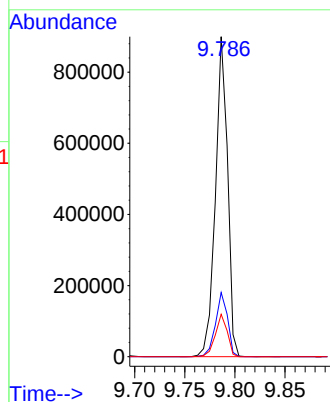
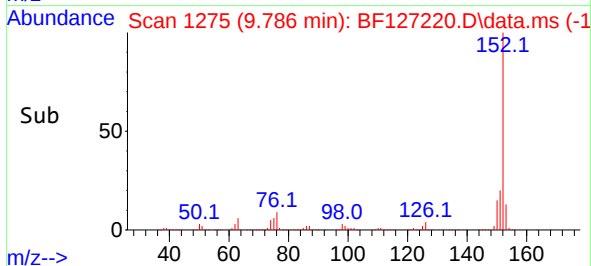


Tgt Ion:152 Resp: 75502
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.3 11.4 17.0

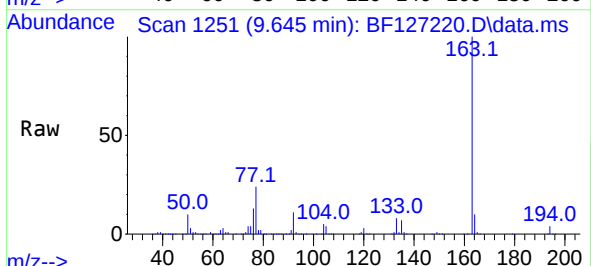
Manual Integrations

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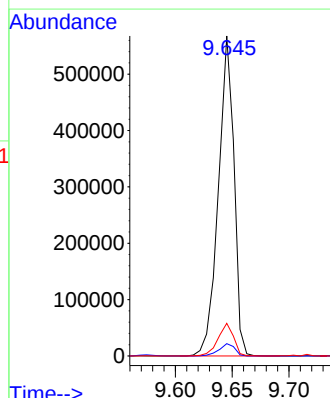
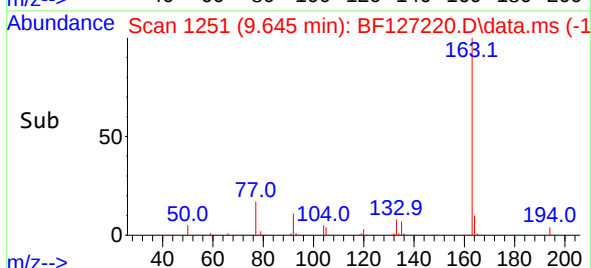
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

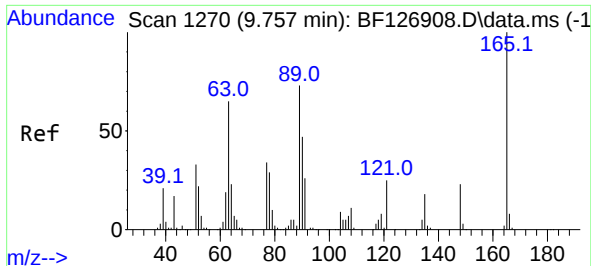


#50
Dimethylphthalate
Concen: 48.325 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:163 Resp: 543867
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.2 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 52.403 ng

RT: 9.710 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

Tgt Ion:165 Resp: 119989

Ion Ratio Lower Upper

165 100

63 76.3 48.4 72.6

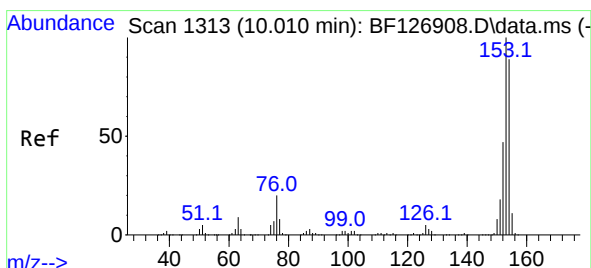
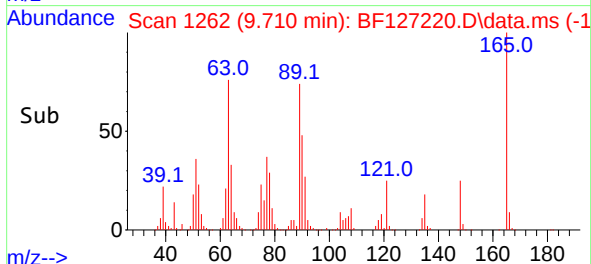
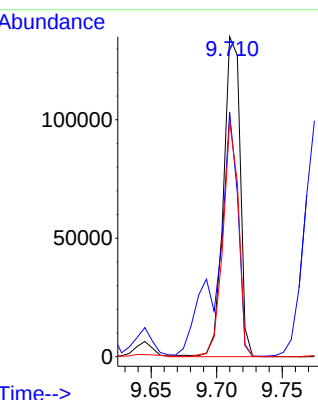
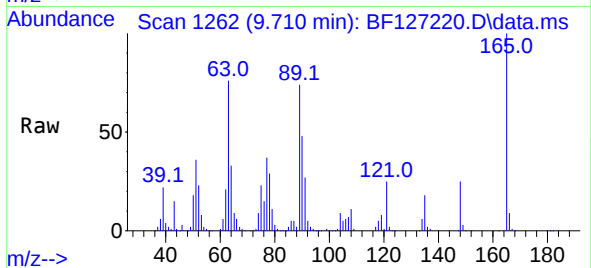
89 73.5 50.5 75.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022



#52

Acenaphthene

Concen: 53.396 ng m

RT: 9.957 min Scan# 1304

Delta R.T. -0.000 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

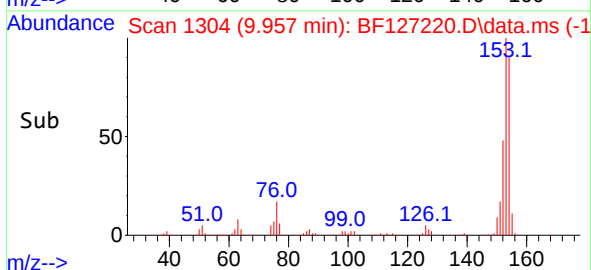
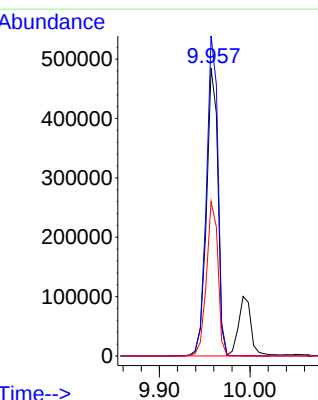
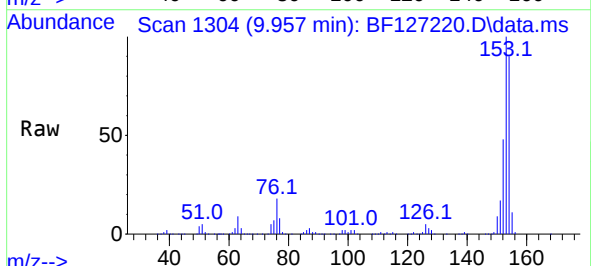
Tgt Ion:154 Resp: 521806

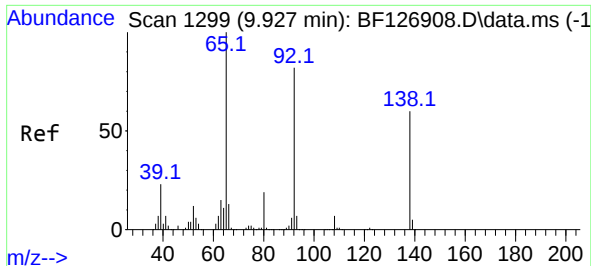
Ion Ratio Lower Upper

154 100

153 111.2 87.8 131.6

152 53.6 39.4 59.2





#53
3-Nitroaniline
Concen: 19.453 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

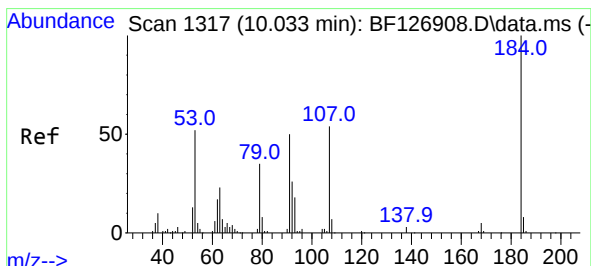
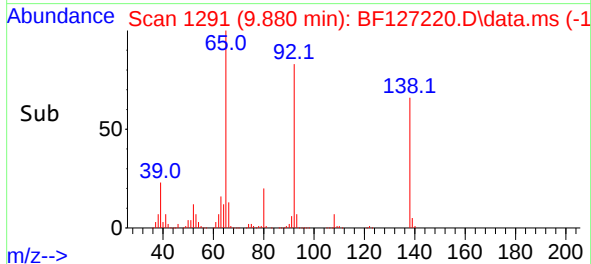
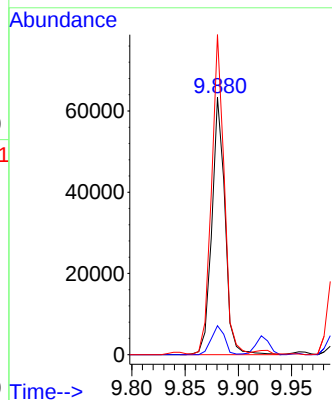
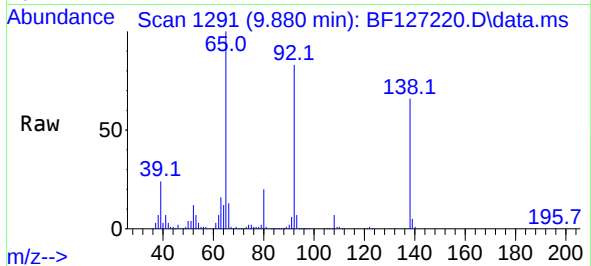
DUM-13MSD

Tgt Ion:138 Resp: 5444
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 124.4 105.0 157.6

Manual Integrations

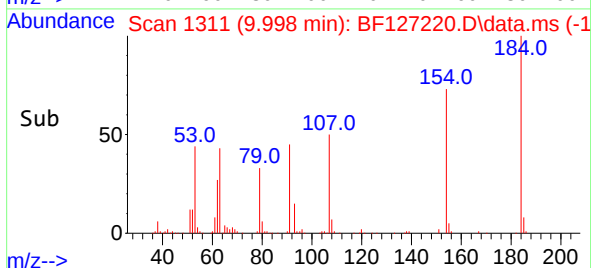
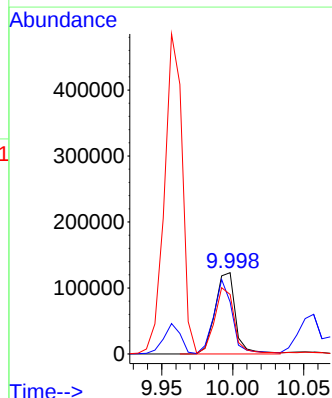
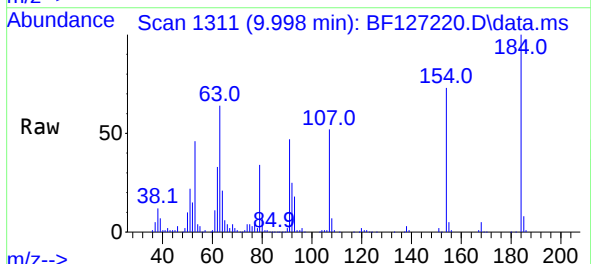
APPROVED

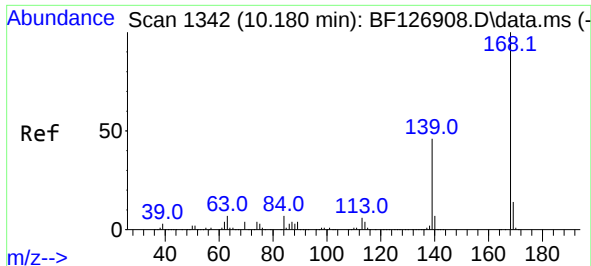
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#54
2,4-Dinitrophenol
Concen: 101.344 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

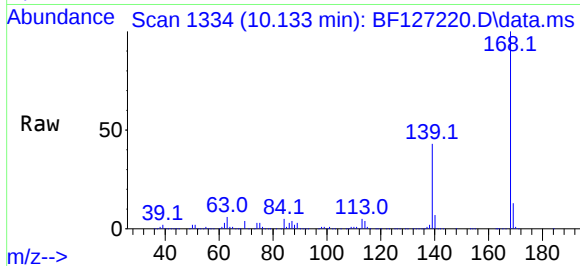
Tgt Ion:184 Resp: 122823
Ion Ratio Lower Upper
184 100
63 64.0 70.4 105.6#
154 73.3 49.7 74.5





#55
Dibenzenofuran
Concen: 47.342 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

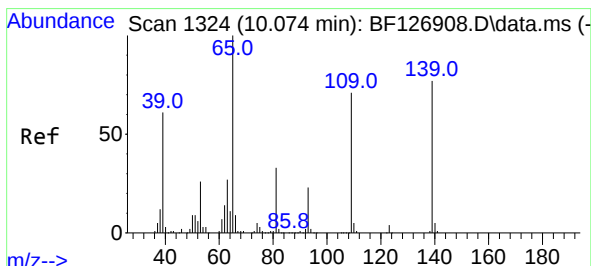
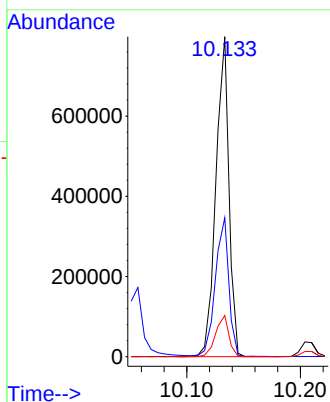
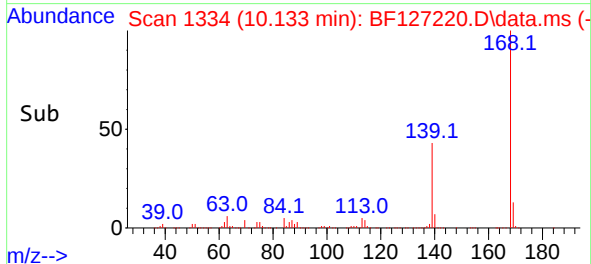
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



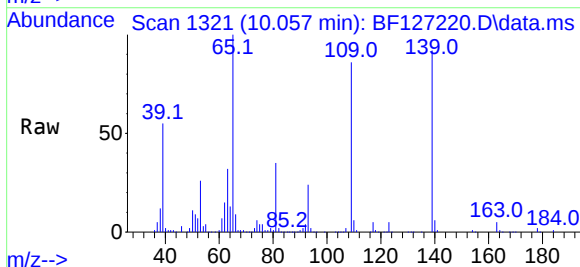
Tgt Ion:168 Resp: 63616
Ion Ratio Lower Upper
168 100
139 43.4 30.6 46.0
169 12.8 10.0 15.0

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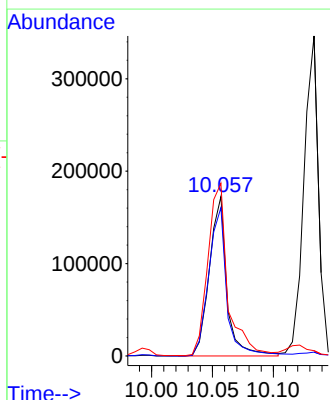
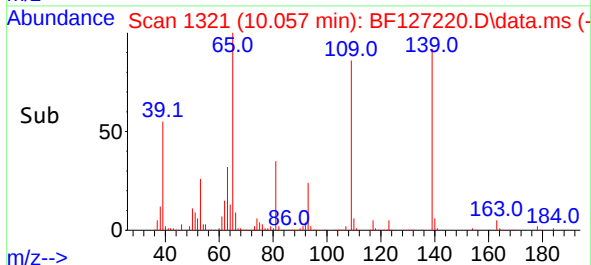
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

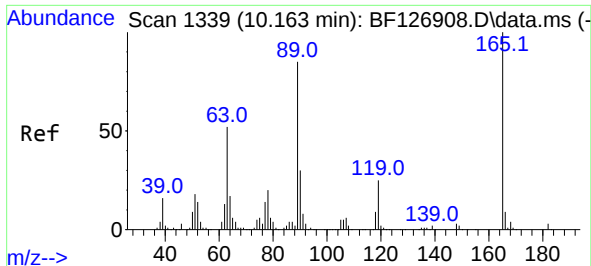


#56
4-Nitrophenol
Concen: 83.373 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



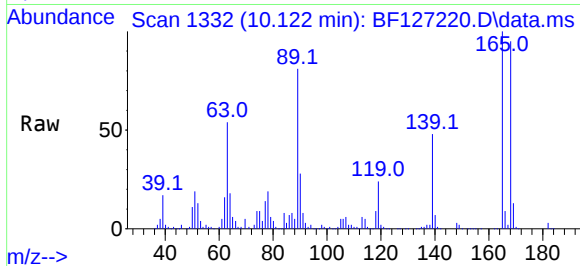
Tgt Ion:139 Resp: 172350
Ion Ratio Lower Upper
139 100
109 93.1 44.1 84.1#
65 108.3 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 51.248 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

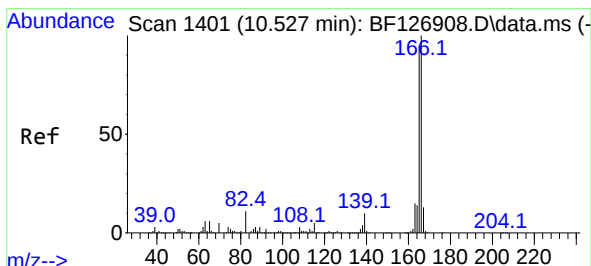
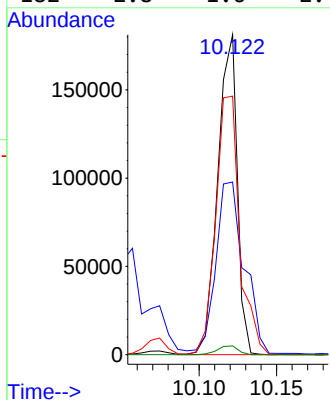
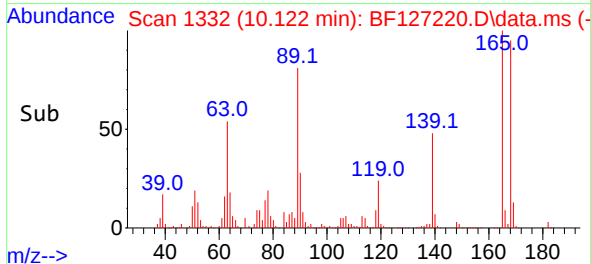
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



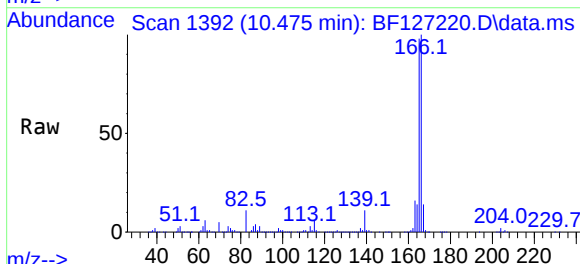
Tgt Ion:165 Resp: 15865
Ion Ratio Lower Upper
165 100
63 53.9 43.0 64.6
89 80.8 71.0 106.4
182 2.8 1.6 2.4#

Manual Integrations
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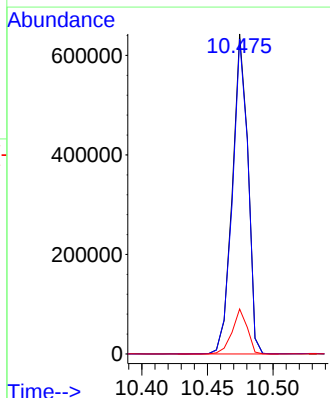
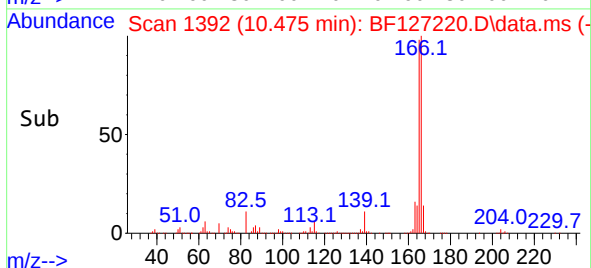
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

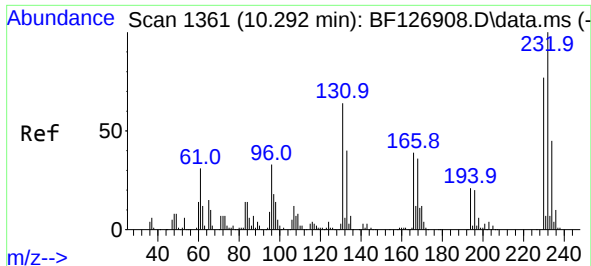


#58
Fluorene
Concen: 50.606 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:166 Resp: 529697
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 14.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.943 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

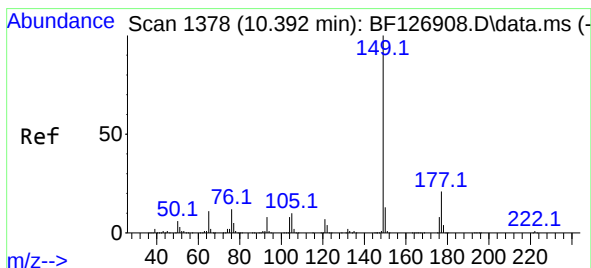
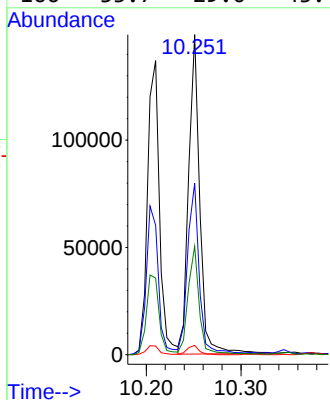
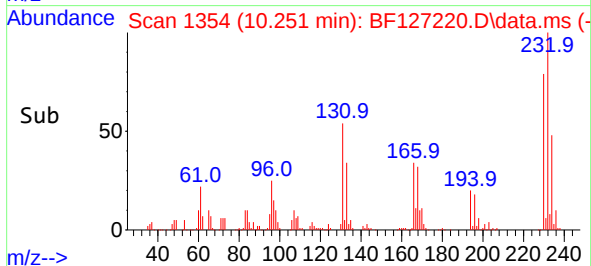
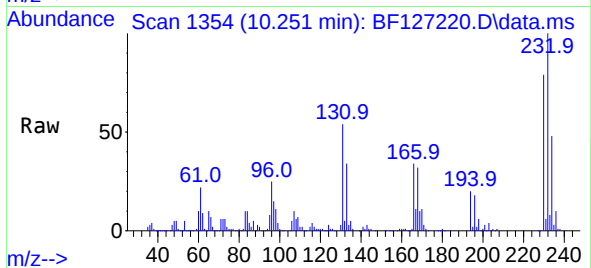
DUM-13MSD

Tgt Ion:232 Resp: 12158
Ion Ratio Lower Upper
232 100
131 55.3 50.0 75.0
130 3.1 2.2 3.2
166 33.7 29.0 43.4

Manual Integrations

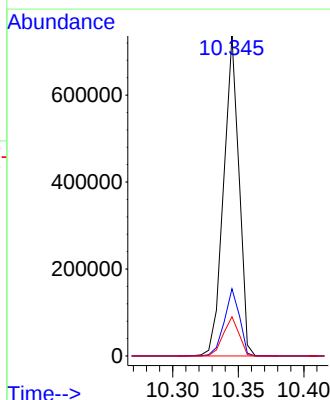
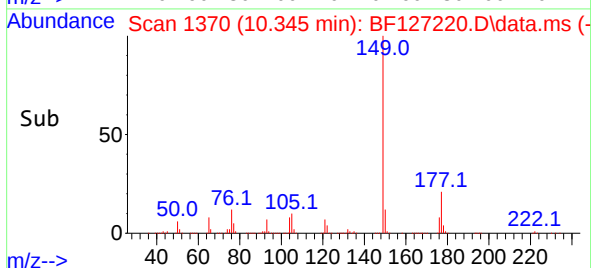
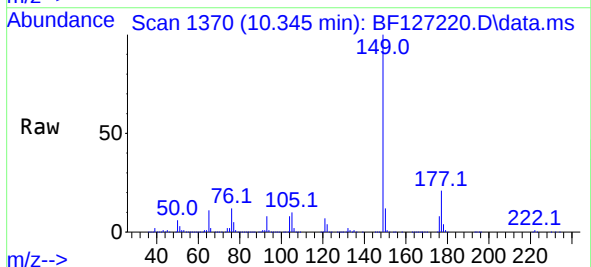
APPROVED

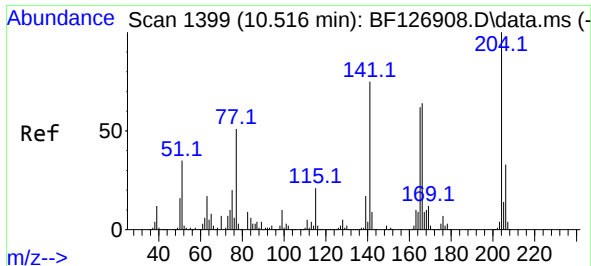
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#60
Diethylphthalate
Concen: 50.920 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:149 Resp: 598803
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.2 9.8 14.8





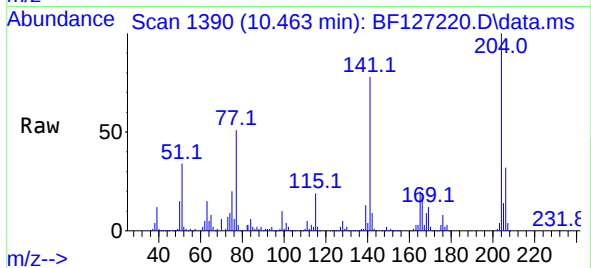
#61
4-Chlorophenyl-phenylether
Concen: 50.831 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

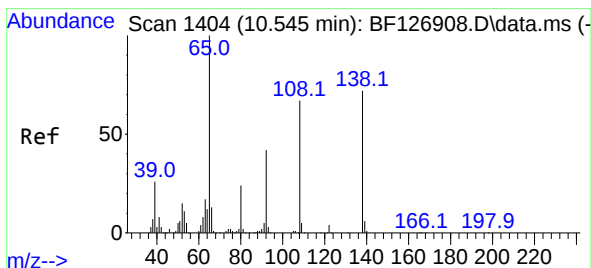
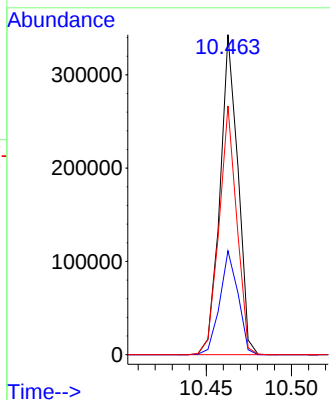
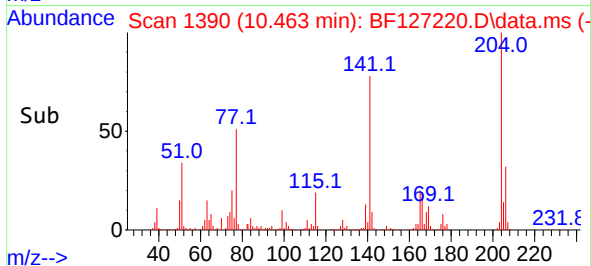


Tgt Ion:204 Resp: 25088
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 77.8 59.0 88.6

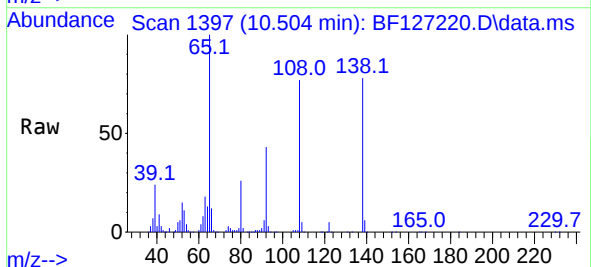
Manual Integrations

APPROVED

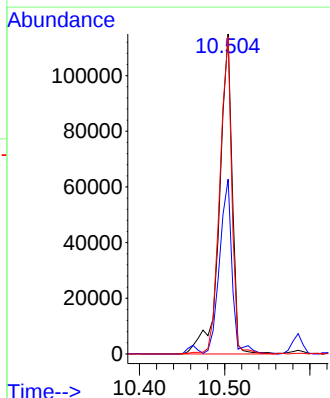
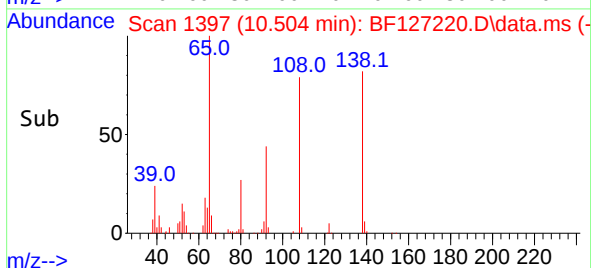
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

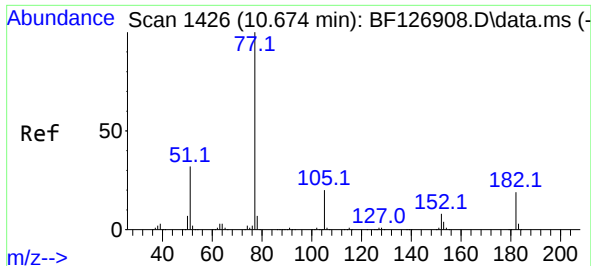


#62
4-Nitroaniline
Concen: 43.219 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:138 Resp: 119452
Ion Ratio Lower Upper
138 100
92 54.6 36.2 76.2
108 99.1 46.7 86.7#





#63
Azobenzene
Concen: 42.300 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

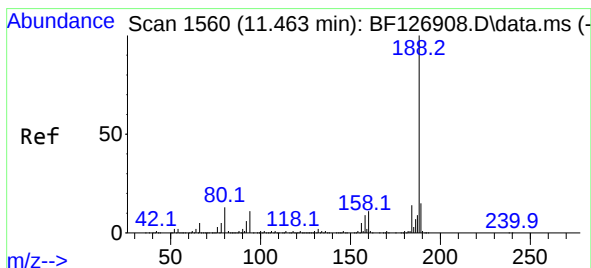
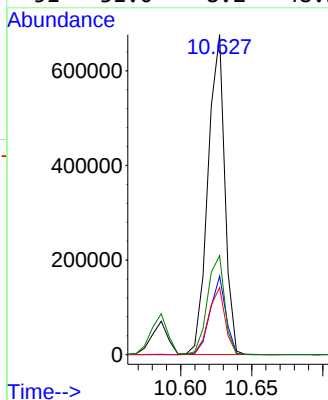
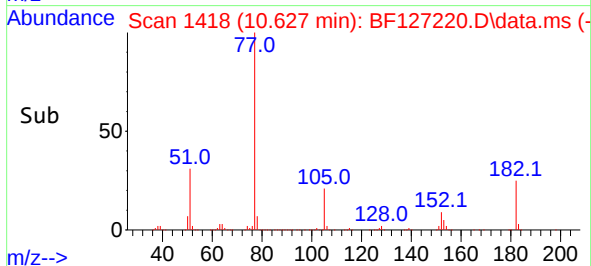
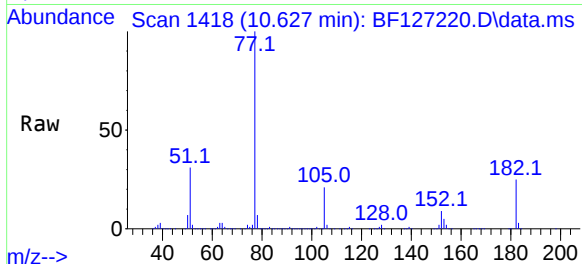
DUM-13MSD

Tgt Ion: 77 Resp: 55390
Ion Ratio Lower Upper
77 100
182 24.5 0.0 39.0
105 21.0 3.2 43.2
51 31.0 8.2 48.2

Manual Integrations

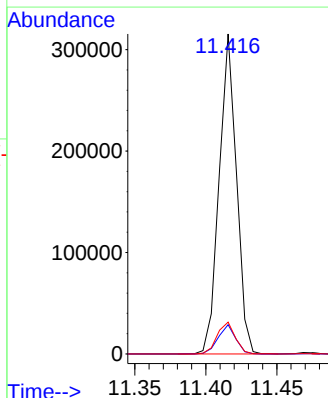
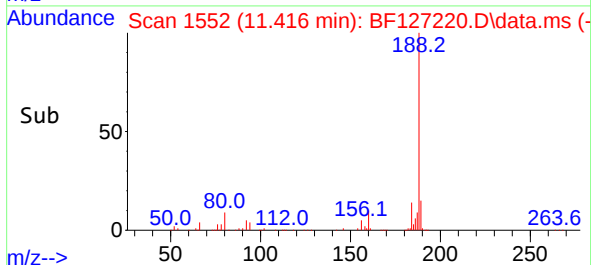
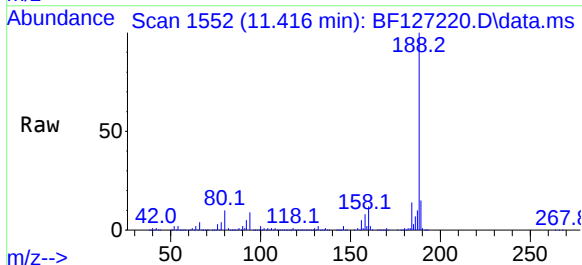
APPROVED

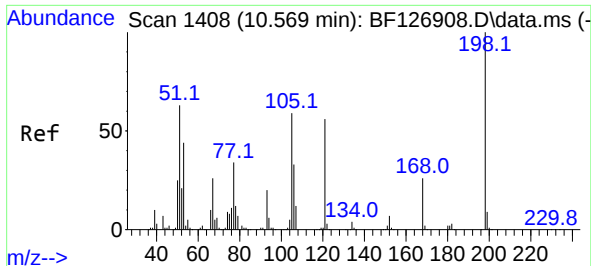
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

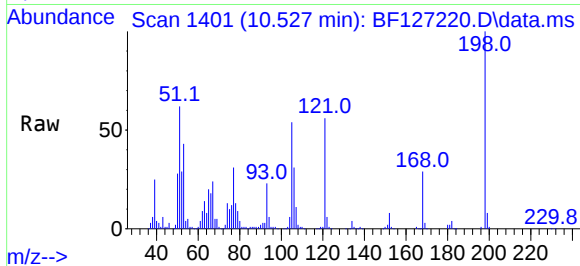
Tgt Ion:188 Resp: 267531
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.0 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 48.587 ng
RT: 10.527 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

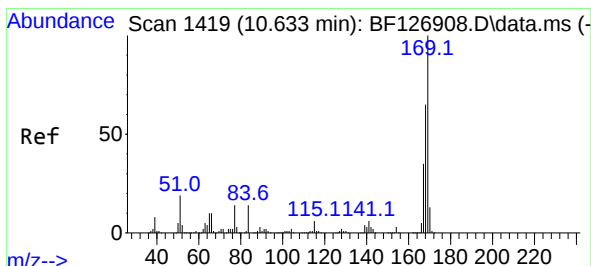
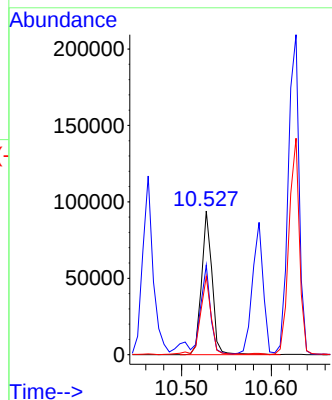
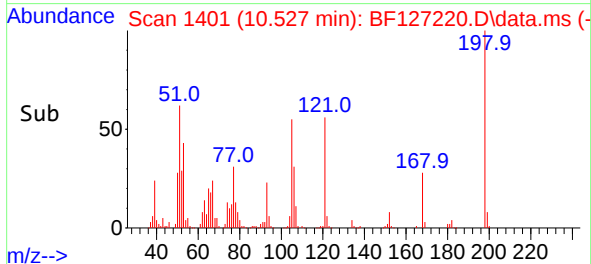
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



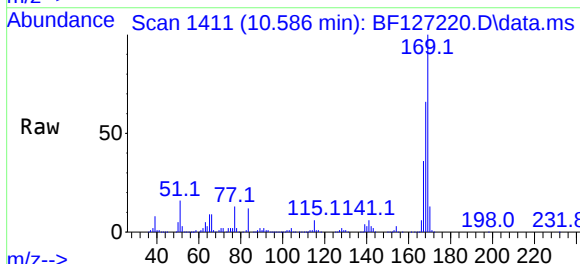
Tgt Ion:198 Resp: 76375
Ion Ratio Lower Upper
198 100
51 62.3 32.0 72.0
105 54.5 32.7 72.7

Manual Integrations
APPROVED

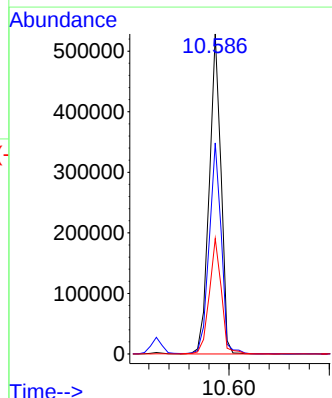
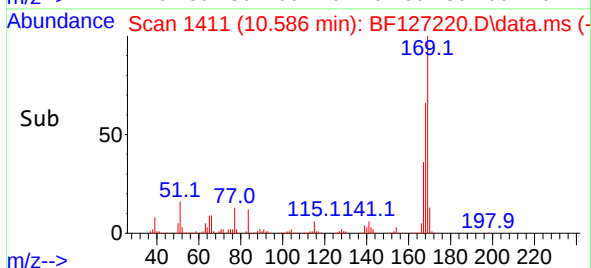
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

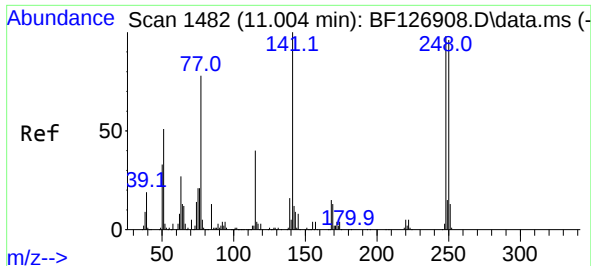


#66
n-Nitrosodiphenylamine
Concen: 49.048 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:169 Resp: 430273
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 49.958 ng
RT: 10.957 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

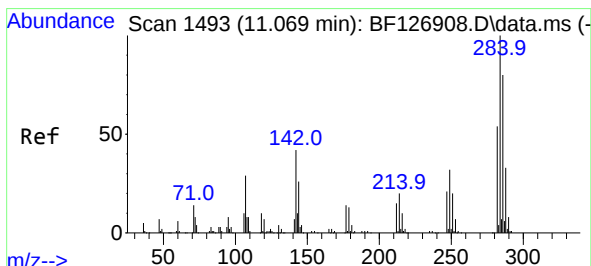
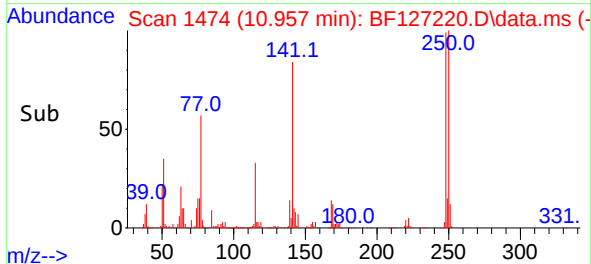
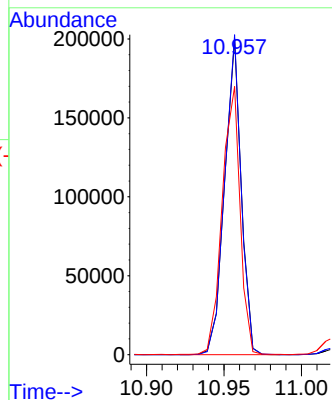
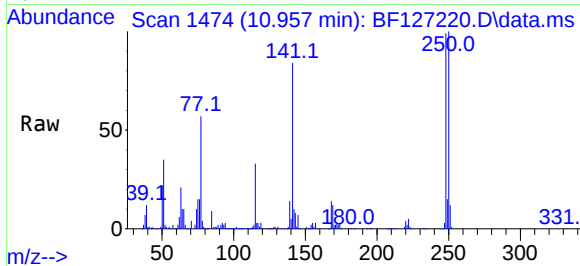
DUM-13MSD

Tgt Ion:248 Resp: 149330
Ion Ratio Lower Upper
248 100
250 101.3 76.2 114.4
141 84.9 66.2 99.4

Manual Integrations

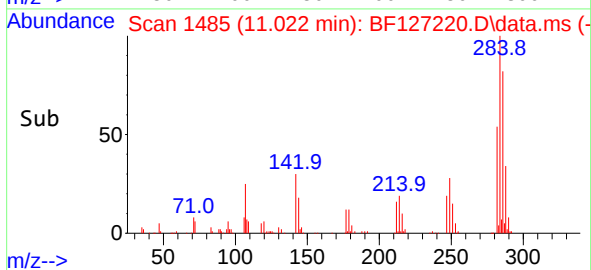
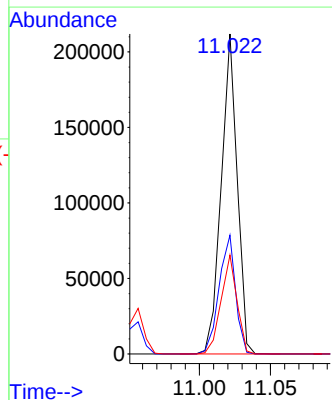
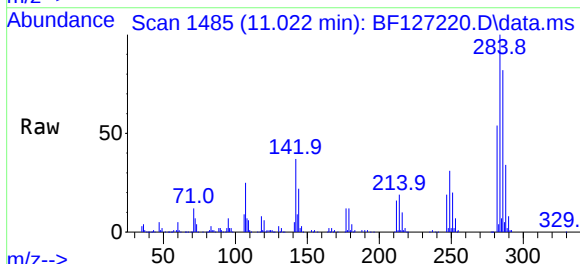
APPROVED

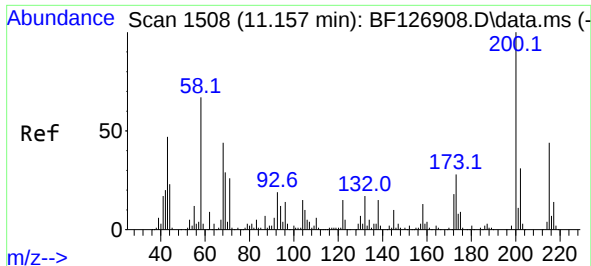
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#68
Hexachlorobenzene
Concen: 51.368 ng
RT: 11.022 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

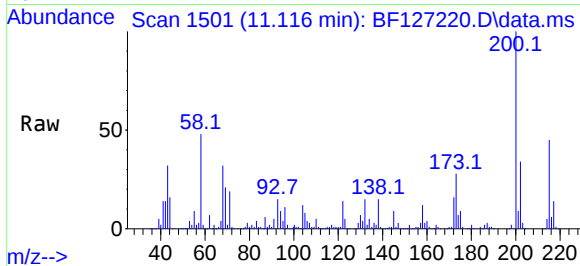
Tgt Ion:284 Resp: 165297
Ion Ratio Lower Upper
284 100
142 37.1 30.7 46.1
249 30.9 21.1 31.7





#69
Atrazine
Concen: 49.883 ng
RT: 11.116 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

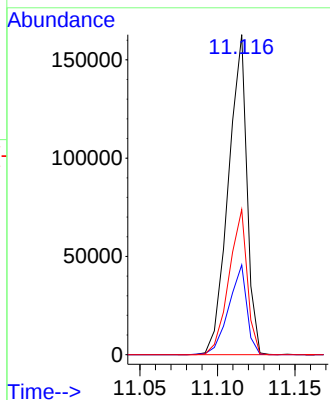
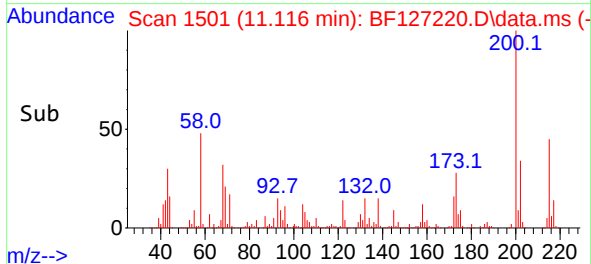
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



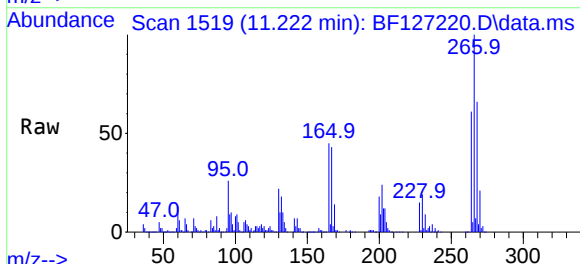
Tgt Ion:200 Resp: 135723
Ion Ratio Lower Upper
200 100
173 28.1 9.2 49.2
215 45.4 23.2 63.2

Manual Integrations
APPROVED

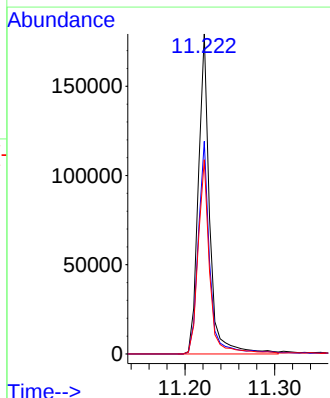
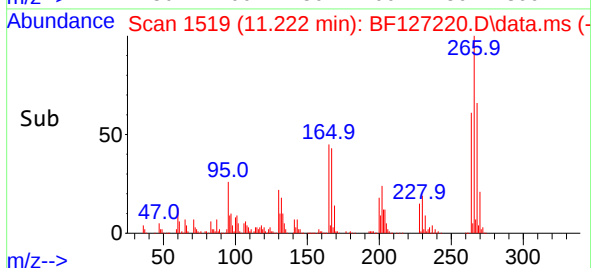
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

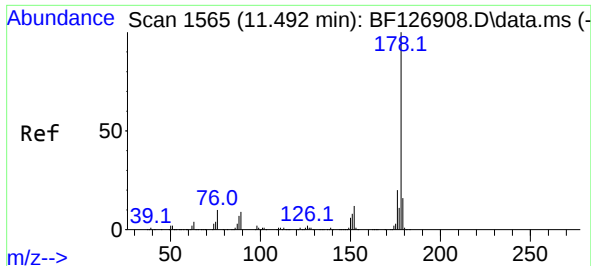


#70
Pentachlorophenol
Concen: 89.618 ng
RT: 11.222 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:266 Resp: 157423
Ion Ratio Lower Upper
266 100
268 66.4 52.3 78.5
264 60.7 50.4 75.6





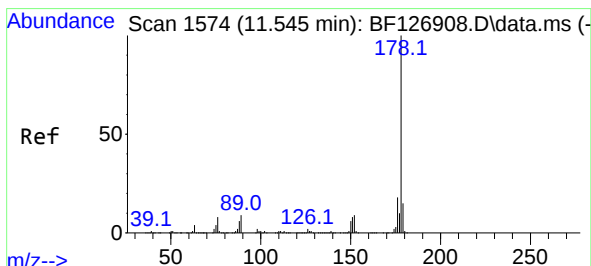
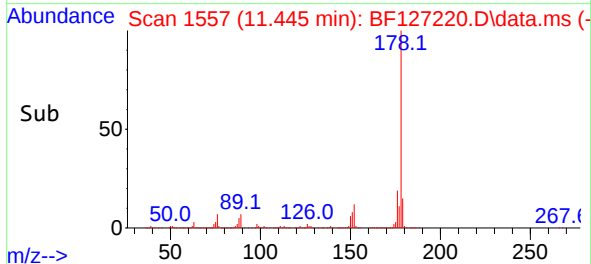
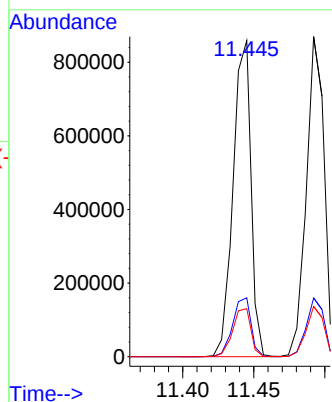
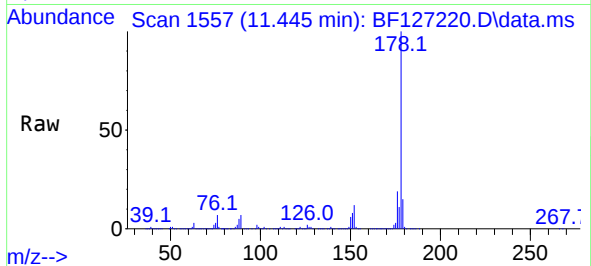
#71
Phenanthrene
Concen: 50.397 ng
RT: 11.445 min Scan# 11565
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :
BNA_F
ClientSampleId :
DUM-13MSD

Tgt Ion:178 Resp: 75466
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.2 12.3 18.5

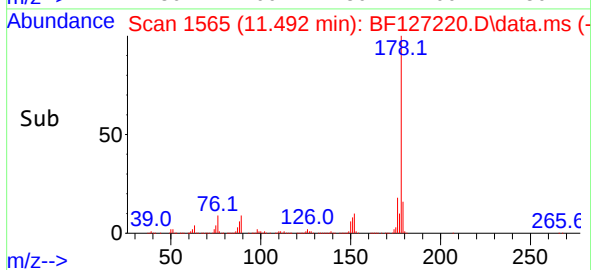
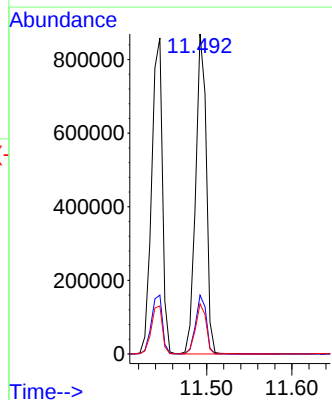
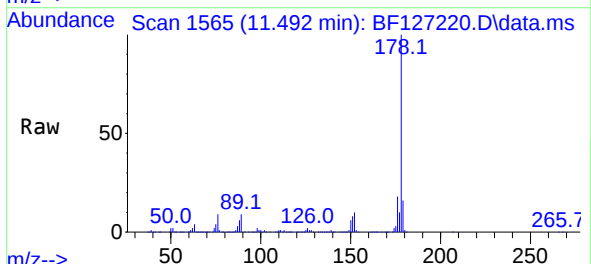
Manual Integrations
APPROVED

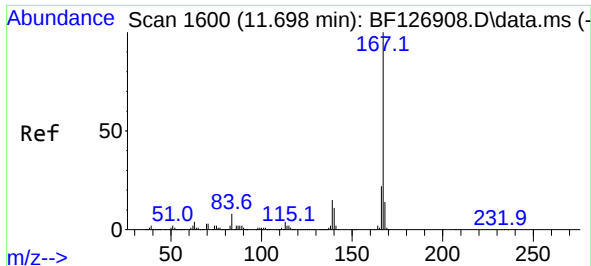
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#72
Anthracene
Concen: 50.743 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:178 Resp: 756436
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 42.731 ng
 RT: 11.651 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

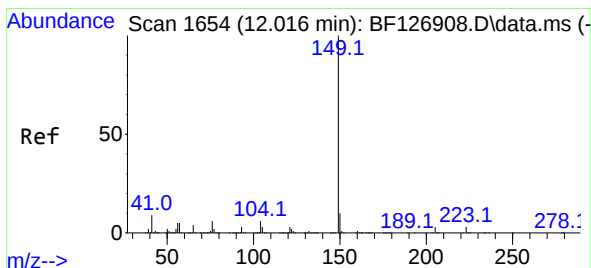
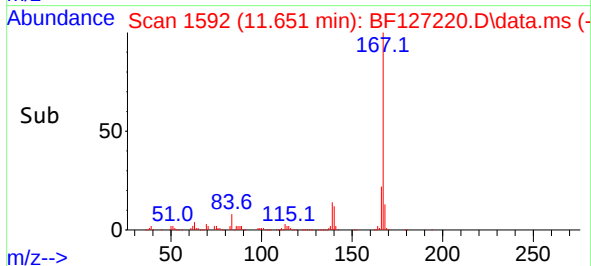
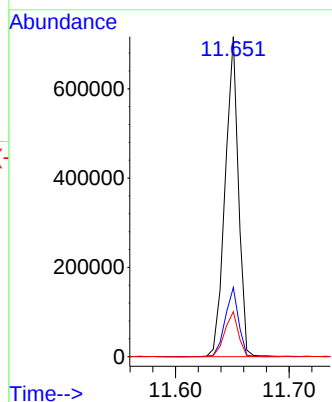
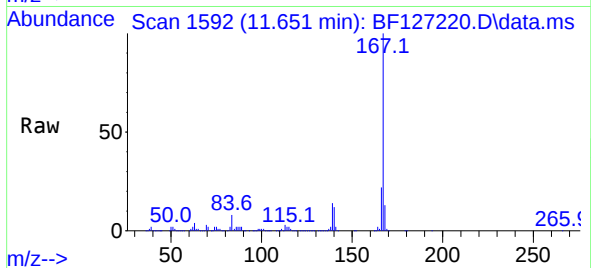
DUM-13MSD

Tgt Ion:167 Resp: 58415
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 14.0 11.3 16.9

Manual Integrations

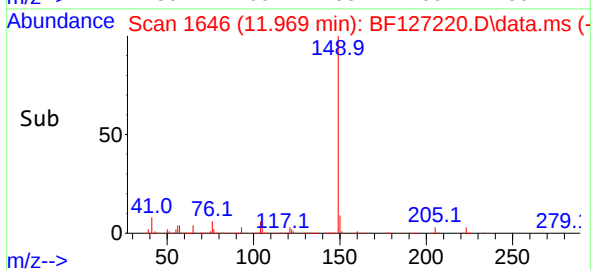
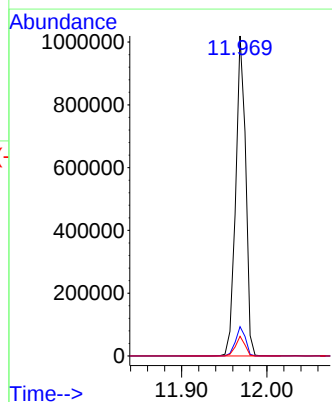
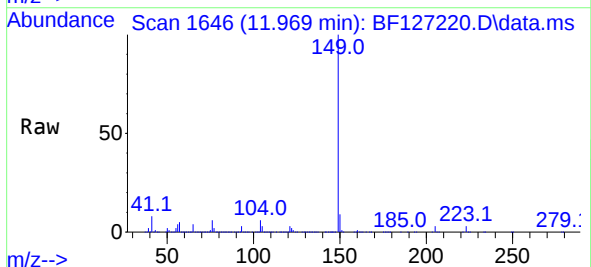
APPROVED

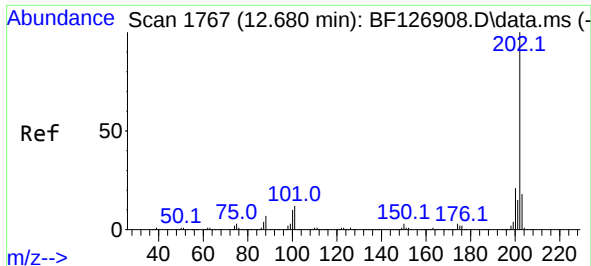
Reviewed By :Christian Giraldo 03/08/2022
 Supervised By :Jagrut Upadhyay 03/08/2022



#74
 Di-n-butylphthalate
 Concen: 47.054 ng
 RT: 11.969 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: BF127220.D
 Acq: 07 Mar 2022 13:32

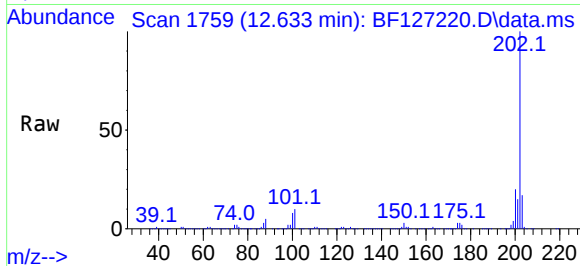
Tgt Ion:149 Resp: 826944
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.2 4.2 6.2





#75
Fluoranthene
Concen: 45.863 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

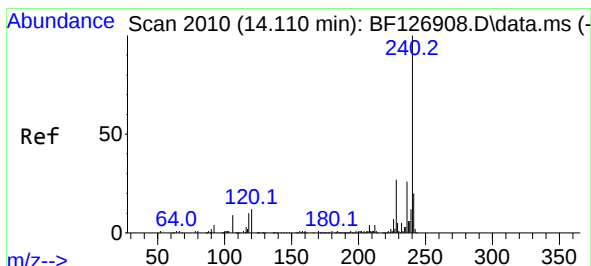
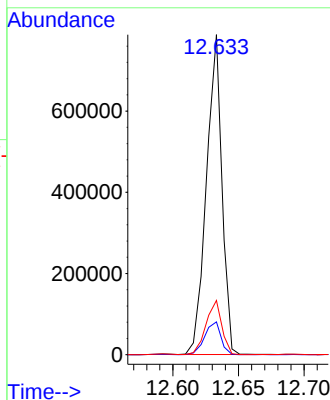
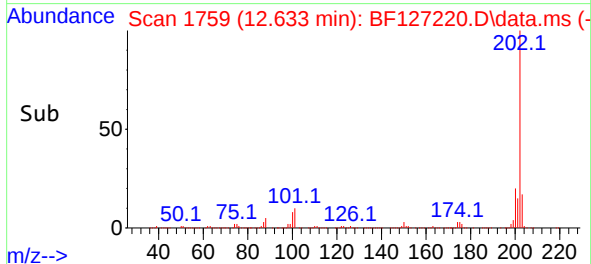
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



Tgt Ion:202 Resp: 652090
Ion Ratio Lower Upper
202 100
101 10.2 0.0 35.7
203 16.9 0.0 37.1

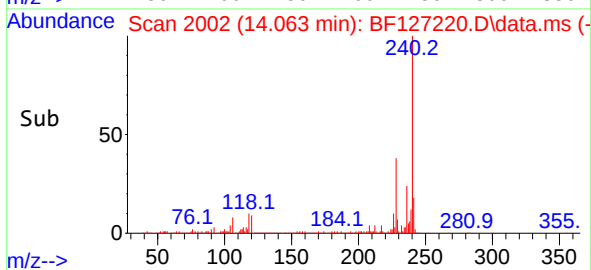
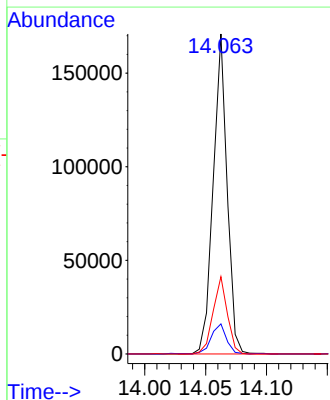
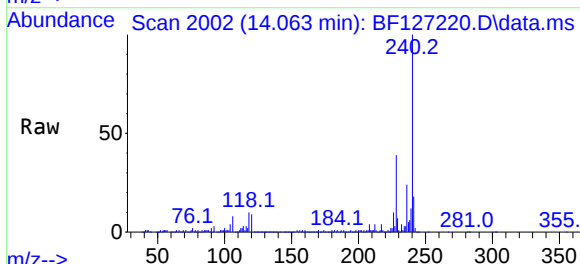
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

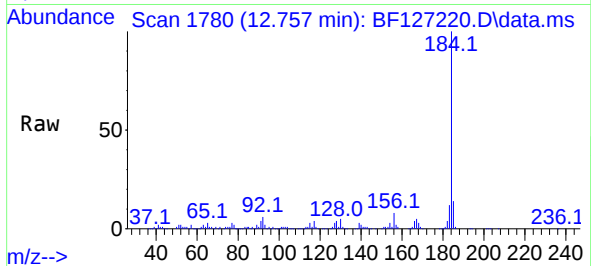
Tgt Ion:240 Resp: 135965
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 24.2 20.5 30.7





#77
Benzidine
Concen: 38.882 ng
RT: 12.757 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

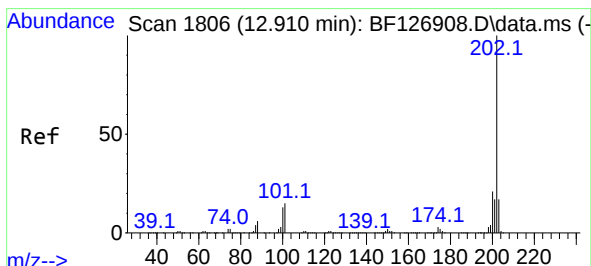
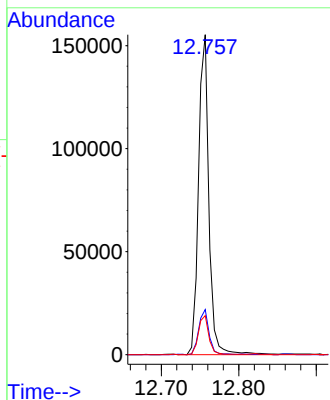
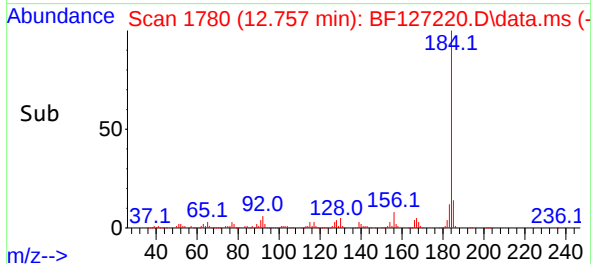
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



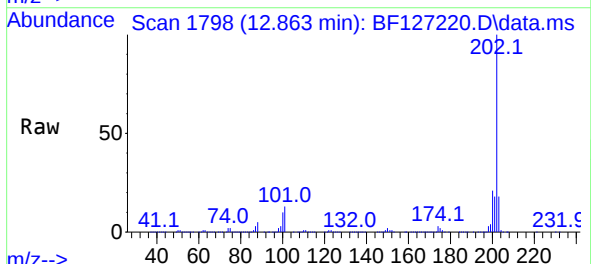
Tgt Ion:184 Resp: 143668
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 12.2 8.2 12.2

Manual Integrations
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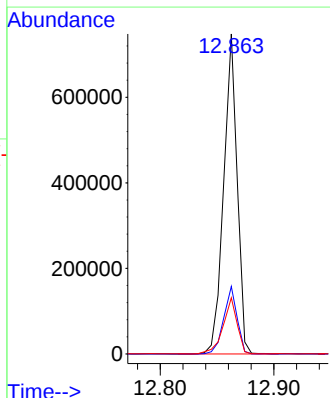
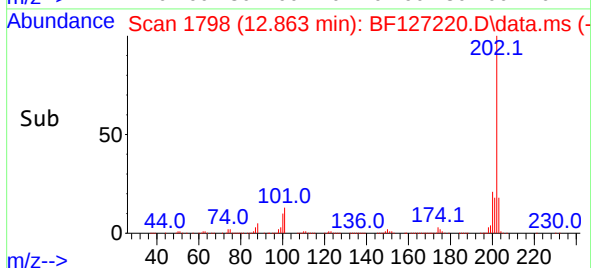
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

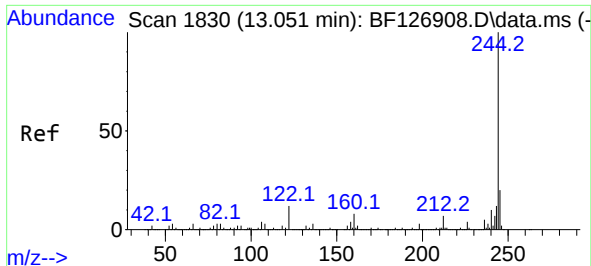


#78
Pyrene
Concen: 52.413 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:202 Resp: 619123
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.5 13.8 20.8





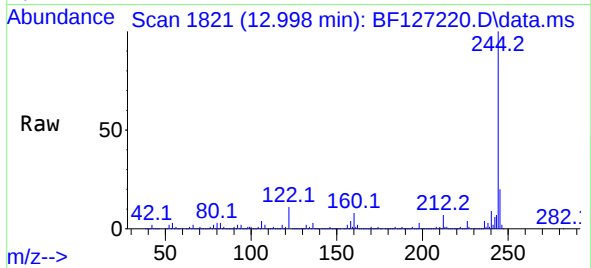
#79
Terphenyl-d14
Concen: 83.145 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

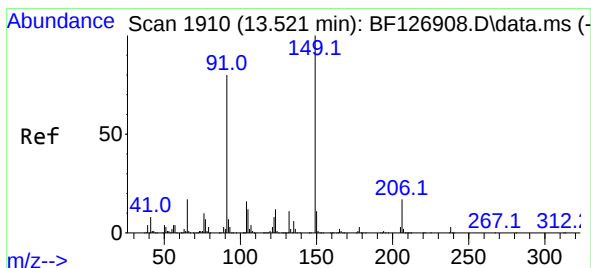
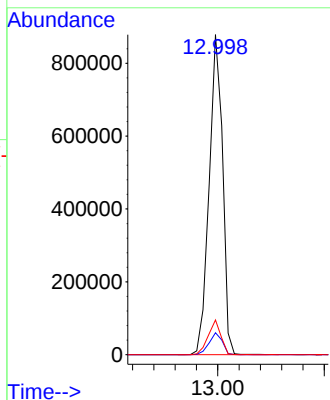
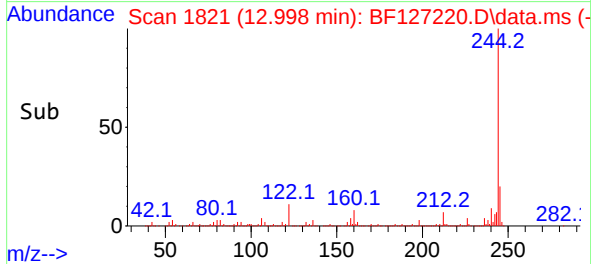


Tgt Ion:244 Resp: 769010
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.9 13.3 19.9

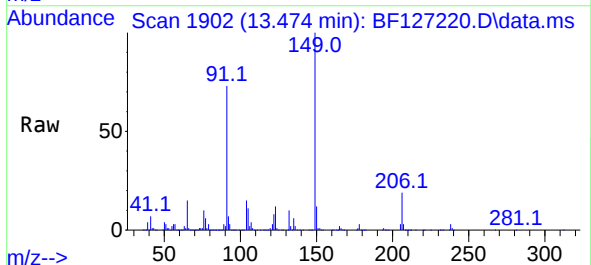
Manual Integrations

APPROVED

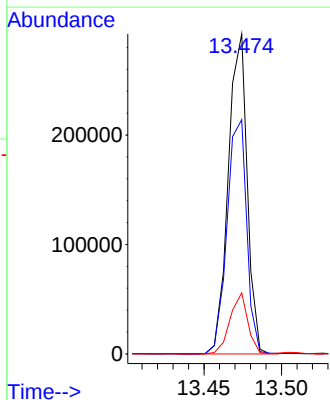
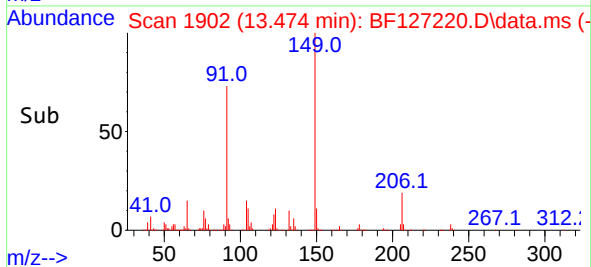
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

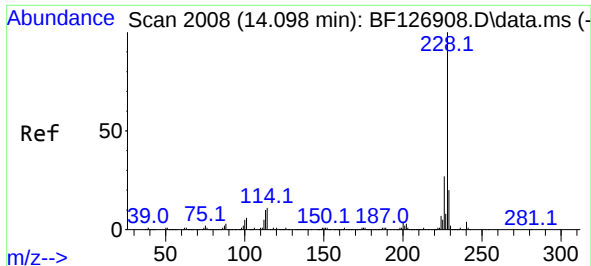


#80
Butylbenzylphthalate
Concen: 44.437 ng
RT: 13.474 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion:149 Resp: 248500
Ion Ratio Lower Upper
149 100
91 73.2 70.5 105.7
206 19.1 12.6 19.0





#81
Benzo(a)anthracene
Concen: 51.489 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

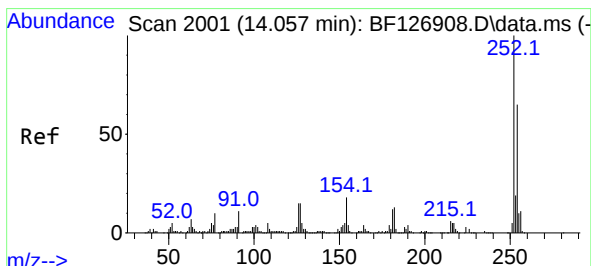
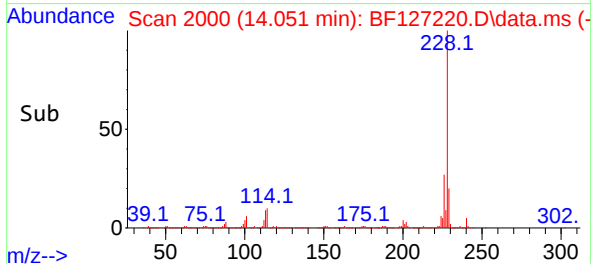
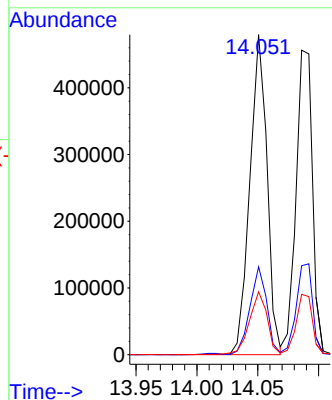
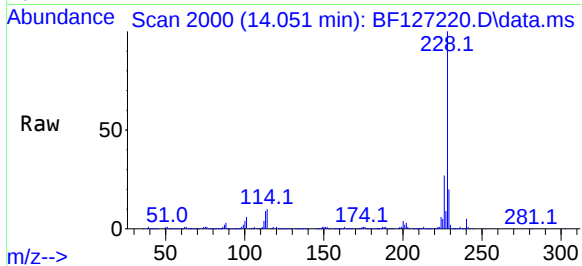
DUM-13MSD

Tgt Ion:228 Resp: 471964
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.6 15.4 23.2

Manual Integrations

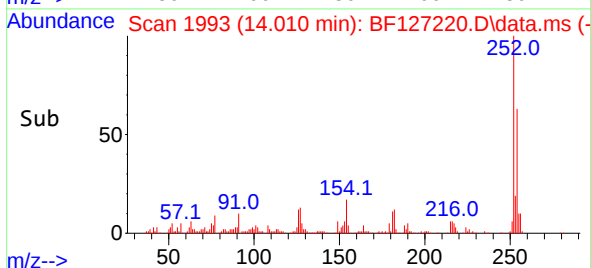
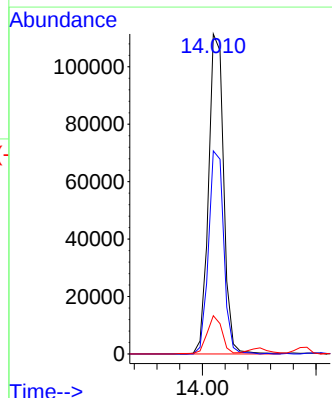
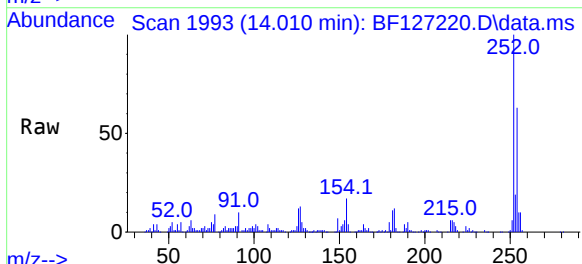
APPROVED

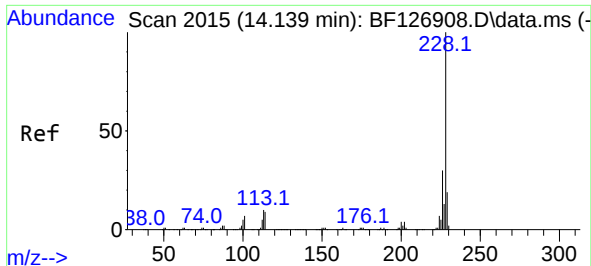
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.637 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

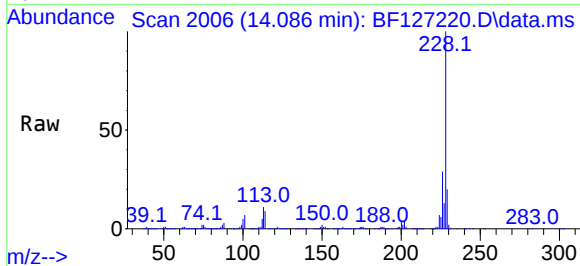
Tgt Ion:252 Resp: 102945
Ion Ratio Lower Upper
252 100
254 63.4 51.0 76.4
126 12.0 13.4 20.0#





#83
Chrysene
Concen: 49.556 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

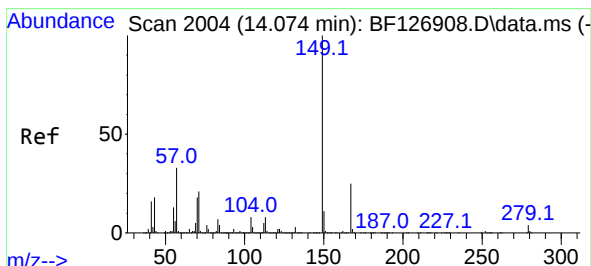
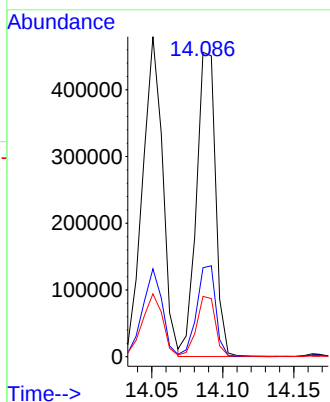
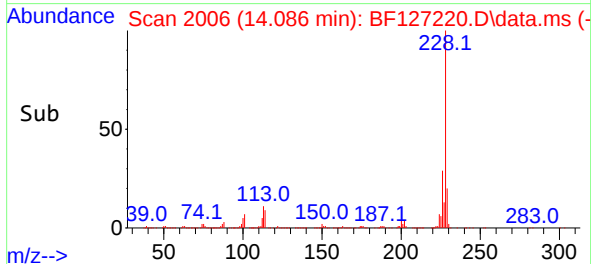
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



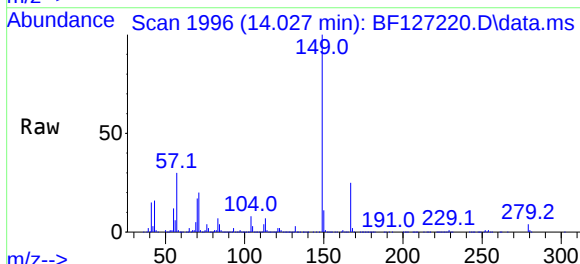
Tgt Ion:228 Resp: 427158
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 19.8 15.5 23.3

Manual Integrations
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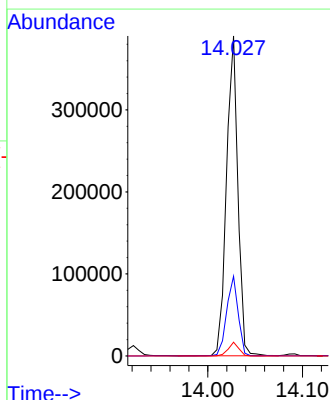
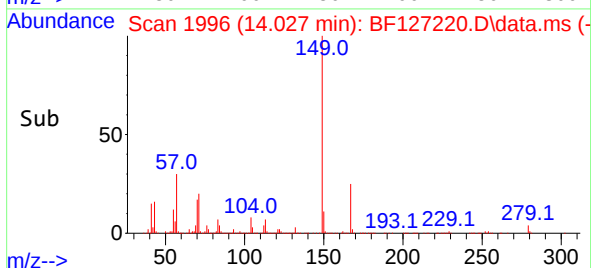
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

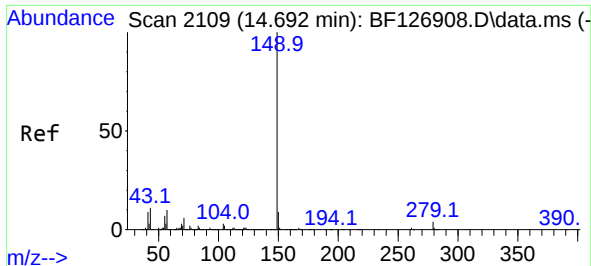


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.442 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



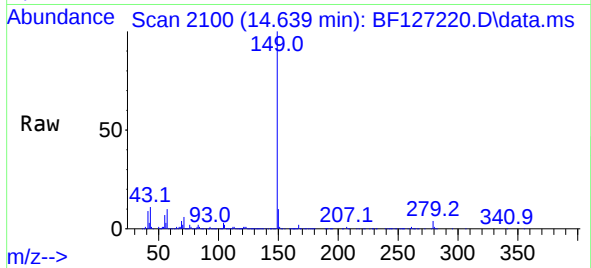
Tgt Ion:149 Resp: 326288
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.2
279 4.3 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 48.995 ng
RT: 14.639 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

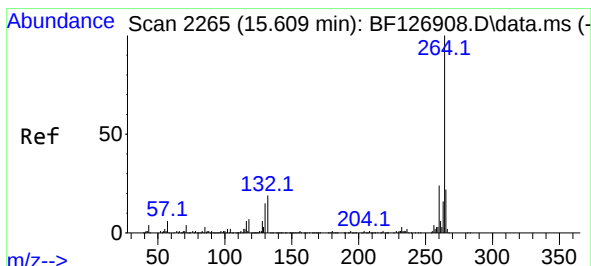
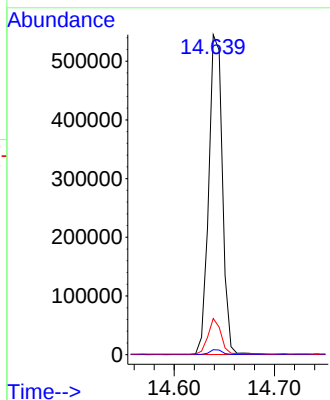
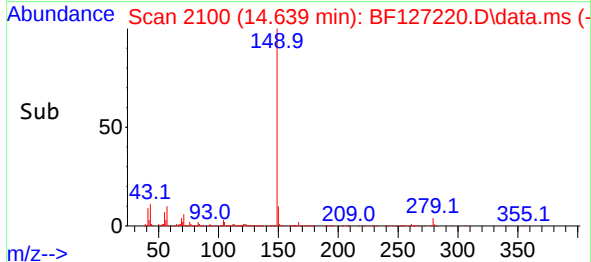
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



Tgt Ion:149 Resp: 51792
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.6 9.9 14.9

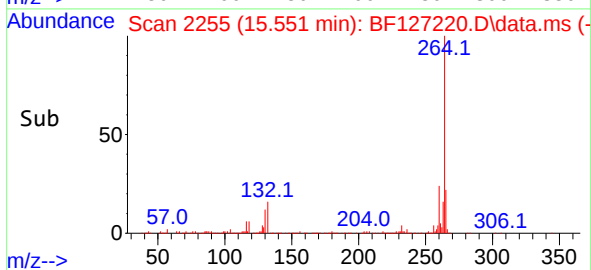
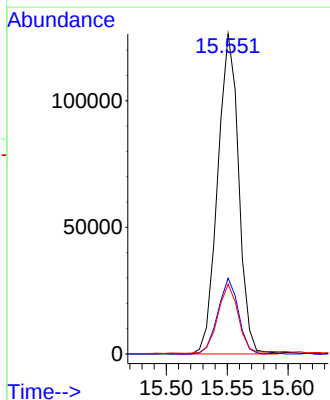
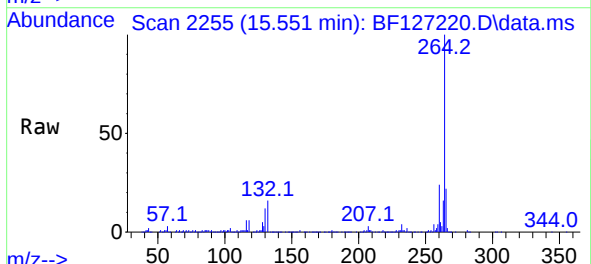
Manual Integrations
APPROVED

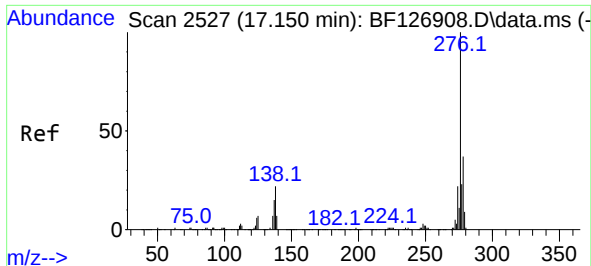
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:264 Resp: 151544
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.644 ng
RT: 17.068 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

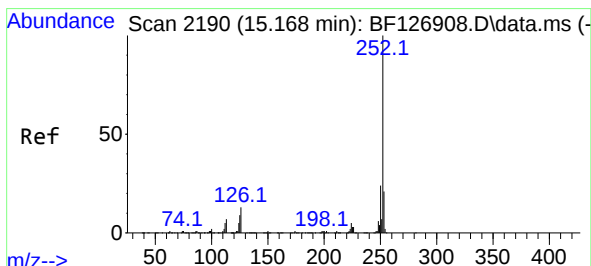
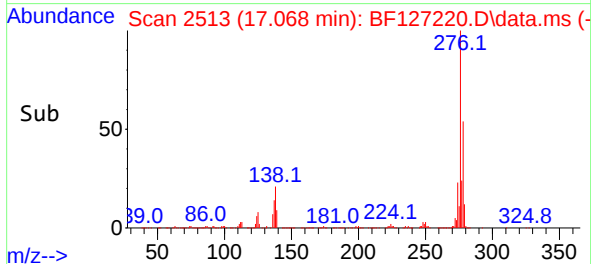
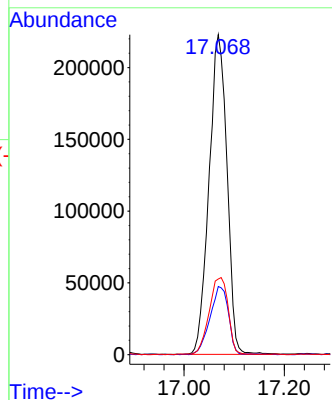
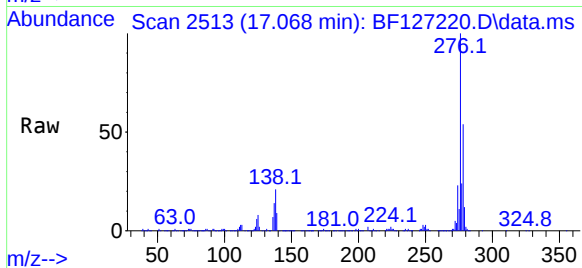
DUM-13MSD

Tgt Ion:276 Resp: 55292
Ion Ratio Lower Upper
276 100
138 22.2 29.2 43.8
277 25.3 19.8 29.8

Manual Integrations

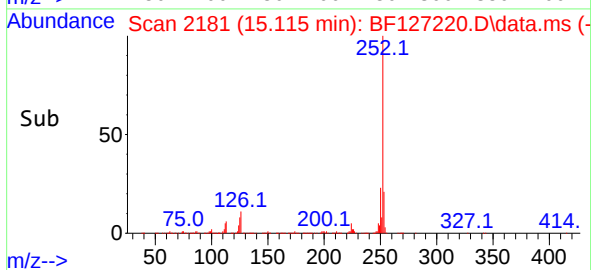
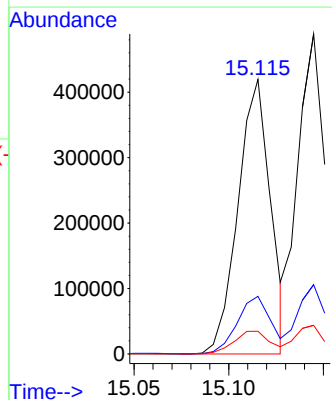
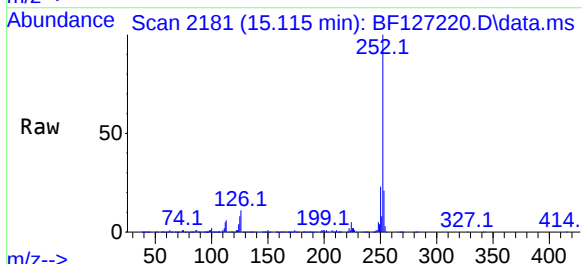
APPROVED

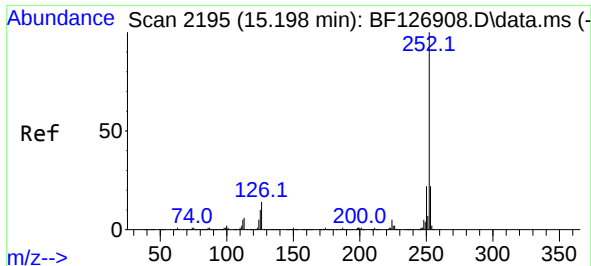
Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022



#88
Benzo(b)fluoranthene
Concen: 49.130 ng
RT: 15.115 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

Tgt Ion:252 Resp: 500056
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 8.3 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 49.465 ng

RT: 15.145 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

Instrument :

BNA_F

ClientSampleId :

DUM-13MSD

Tgt Ion:252 Resp: 485612

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

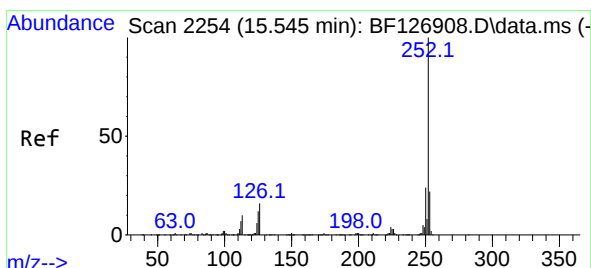
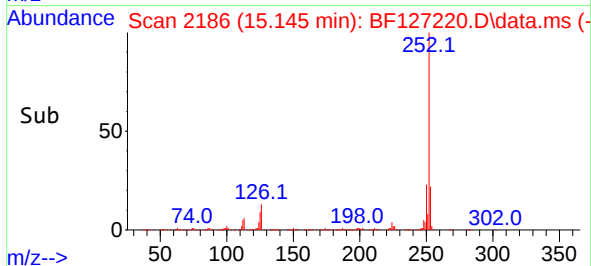
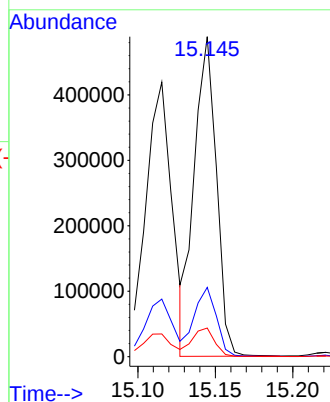
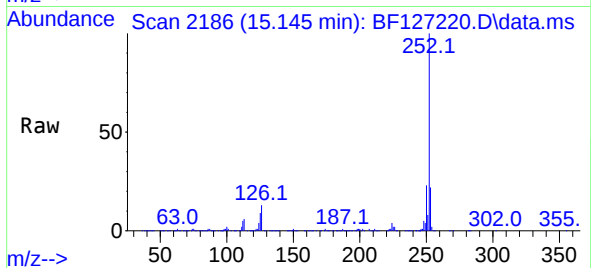
125 8.9 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2022

Supervised By :Jagrut Upadhyay 03/08/2022



#90

Benzo(a)pyrene

Concen: 61.182 ng m

RT: 15.492 min Scan# 2245

Delta R.T. 0.006 min

Lab File: BF127220.D

Acq: 07 Mar 2022 13:32

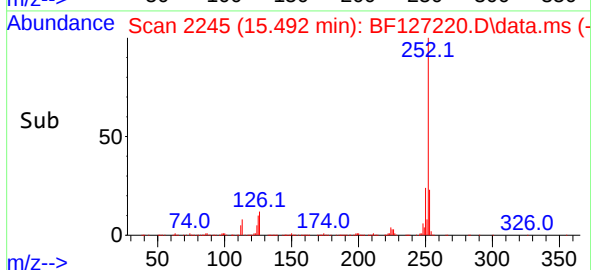
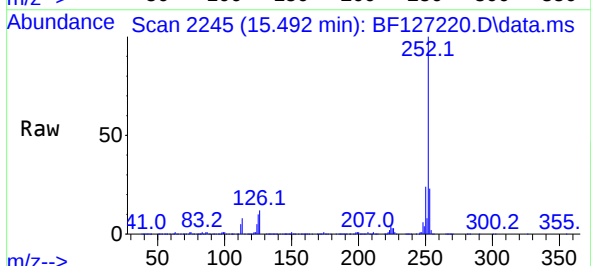
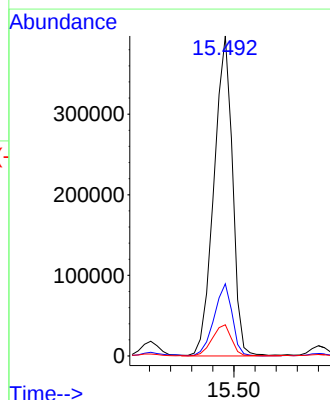
Tgt Ion:252 Resp: 486408

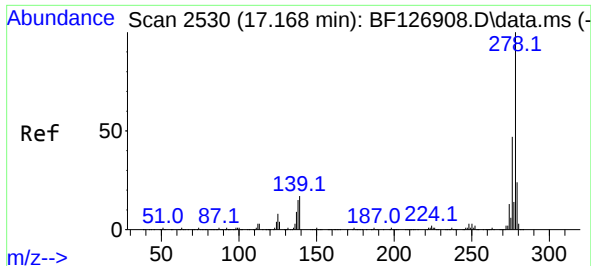
Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

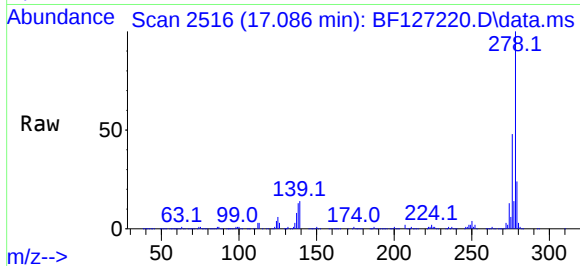
125 9.8 13.0 19.6#





#91
Dibenzo(a,h)anthracene
Concen: 56.971 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32

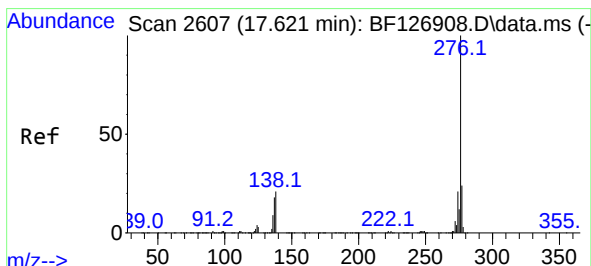
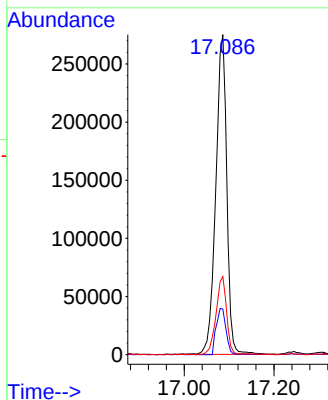
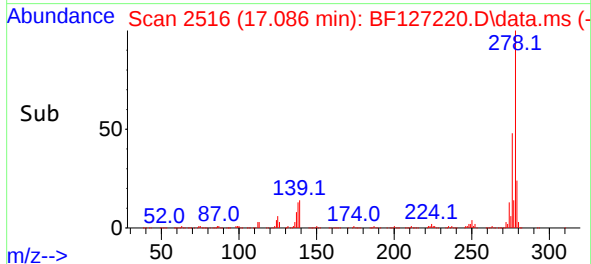
Instrument :
BNA_F
ClientSampleId :
DUM-13MSD



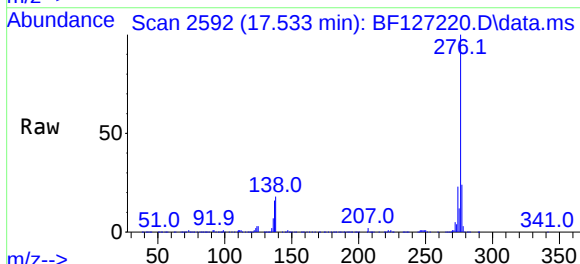
Tgt Ion: 278 Resp: 468210
Ion Ratio Lower Upper
278 100
139 14.3 18.0 27.0
279 24.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/08/2022
Supervised By : Jagrut Upadhyay 03/08/2022



#92
Benzo(g,h,i)perylene
Concen: 54.690 ng
RT: 17.533 min Scan# 2592
Delta R.T. 0.012 min
Lab File: BF127220.D
Acq: 07 Mar 2022 13:32



Tgt Ion: 276 Resp: 443109
Ion Ratio Lower Upper
276 100
277 24.4 18.5 27.7
138 18.2 25.9 38.9

