

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127821.D
 Acq On : 18 Apr 2022 11:28
 Operator : CG\JU
 Sample : PB144160BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144160BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/19/2022
 Supervised By : Jagrut Upadhyay 04/19/2022

Quant Time: Apr 19 05:14:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	176788	20.000	ng	-0.01
21) Naphthalene-d8	8.240	136	638262	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	357915	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	645376	20.000	ng	0.00
76) Chrysene-d12	14.139	240	433483	20.000	ng	0.00
86) Perylene-d12	15.657	264	353025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1259173	115.734	ng	0.01
7) Phenol-d6	6.587	99	1611705	113.235	ng	0.00
23) Nitrobenzene-d5	7.522	82	1168855	81.642	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	489159	128.430	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1956713	77.339	ng	0.00
79) Terphenyl-d14	13.080	244	2187501	83.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.963	88	184511	35.754	ng	83
3) Pyridine	3.693	79	508144	37.386	ng	# 81
4) n-Nitrosodimethylamine	3.669	42	292610	40.031	ng	92
6) Aniline	6.616	93	593654	34.971	ng	96
8) 2-Chlorophenol	6.740	128	528336	47.871	ng	94
9) Benzaldehyde	6.504	77	281836	39.214	ng	95
10) Phenol	6.598	94	632819m	44.464	ng	
11) bis(2-Chloroethyl)ether	6.687	93	539836	45.930	ng	93
12) 1,3-Dichlorobenzene	6.893	146	570850	45.267	ng	98
13) 1,4-Dichlorobenzene	6.969	146	579786	45.481	ng	99
14) 1,2-Dichlorobenzene	7.122	146	551070	45.224	ng	99
15) Benzyl Alcohol	7.098	79	488858m	39.287	ng	
16) 2,2'-oxybis(1-Chloropr...	7.222	45	773537	41.694	ng	95
17) 2-Methylphenol	7.204	107	428530	44.637	ng	98
18) Hexachloroethane	7.463	117	222288	45.697	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	393473	42.742	ng	93
20) 3+4-Methylphenols	7.357	107	504726	41.256	ng	# 79
22) Acetophenone	7.363	105	713725	41.614	ng	# 87
24) Nitrobenzene	7.540	77	622813	44.877	ng	100
25) Isophorone	7.775	82	1144377	45.808	ng	98
26) 2-Nitrophenol	7.851	139	270183	54.172	ng	94
27) 2,4-Dimethylphenol	7.887	122	476393	48.786	ng	94
28) bis(2-Chloroethoxy)met...	7.981	93	659218	42.795	ng	99
29) 2,4-Dichlorophenol	8.092	162	462212	43.940	ng	97
30) 1,2,4-Trichlorobenzene	8.175	180	537340	44.385	ng	99
31) Naphthalene	8.263	128	1457348	43.574	ng	99
32) Benzoic acid	8.016	122	315712	44.563	ng	93
33) 4-Chloroaniline	8.304	127	213697	16.224	ng	96
34) Hexachlorobutadiene	8.369	225	357662	42.948	ng	99
35) Caprolactam	8.687	113	133435m	42.919	ng	
36) 4-Chloro-3-methylphenol	8.787	107	486126	44.079	ng	97
37) 2-Methylnaphthalene	8.951	142	972596	43.480	ng	99
38) 1-Methylnaphthalene	9.051	142	930627	43.103	ng	98
40) 1,2,4,5-Tetrachloroben...	9.116	216	519960	44.292	ng	98
41) Hexachlorocyclopentadiene	9.098	237	702587	99.355	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	345723	43.378	ng	99

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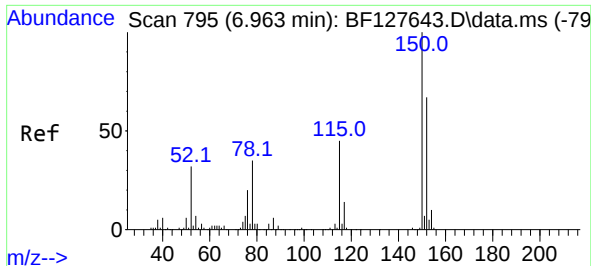
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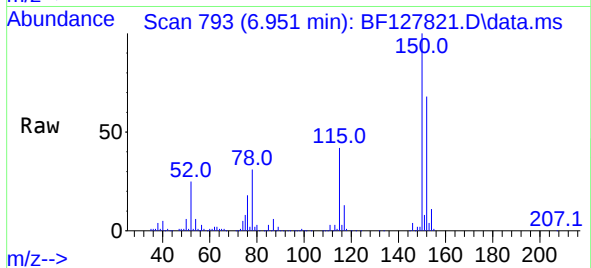
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	374720	46.594	ng	98
46) 1,1'-Biphenyl	9.416	154	1188876	43.433	ng	100
47) 2-Chloronaphthalene	9.445	162	943833	43.389	ng	100
48) 2-Nitroaniline	9.539	65	325129	48.125	ng	93
49) Acenaphthylene	9.863	152	1510672	45.658	ng	99
50) Dimethylphthalate	9.722	163	1133165	43.678	ng	100
51) 2,6-Dinitrotoluene	9.781	165	252591	51.652	ng	94
52) Acenaphthene	10.034	154	1013892m	48.639	ng	
53) 3-Nitroaniline	9.951	138	160773	31.120	ng	96
54) 2,4-Dinitrophenol	10.057	184	276356	111.761	ng	93
55) Dibenzofuran	10.204	168	1291622	42.461	ng	97
56) 4-Nitrophenol	10.116	139	384354	94.719	ng	88
57) 2,4-Dinitrotoluene	10.186	165	335660	55.363	ng	# 91
58) Fluorene	10.551	166	975808	43.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	314809	44.923	ng	100
60) Diethylphthalate	10.416	149	1065898	42.934	ng	98
61) 4-Chlorophenyl-phenyle...	10.539	204	523554	42.395	ng	99
62) 4-Nitroaniline	10.575	138	244198	50.189	ng	95
63) Azobenzene	10.698	77	1107613	39.927	ng	97
65) 4,6-Dinitro-2-methylph...	10.598	198	176704	56.687	ng	# 81
66) n-Nitrosodiphenylamine	10.663	169	887874	43.682	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	348785	44.530	ng	97
68) Hexachlorobenzene	11.092	284	392943	45.893	ng	94
69) Atrazine	11.186	200	342204	50.673	ng	97
70) Pentachlorophenol	11.292	266	436183	85.296	ng	97
71) Phenanthrene	11.516	178	1474713	43.128	ng	99
72) Anthracene	11.569	178	1495083	44.202	ng	99
73) Carbazole	11.722	167	1348974	42.563	ng	99
74) Di-n-butylphthalate	12.045	149	1618898	42.729	ng	100
75) Fluoranthene	12.710	202	1648932	44.191	ng	99
77) Benzidine	12.827	184	527966	46.664	ng	99
78) Pyrene	12.939	202	1639040	44.777	ng	99
80) Butylbenzylphthalate	13.551	149	623752	45.766	ng	88
81) Benzo(a)anthracene	14.127	228	1352478	46.715	ng	98
82) 3,3'-Dichlorobenzidine	14.086	252	290872	32.226	ng	97
83) Chrysene	14.169	228	1223564	44.027	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	836240	43.529	ng	# 98
85) Di-n-octyl phthalate	14.721	149	1272223	45.291	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.215	276	1064578	48.265	ng	99
88) Benzo(b)fluoranthene	15.204	252	1152666	50.756	ng	99
89) Benzo(k)fluoranthene	15.239	252	1012714	44.962	ng	99
90) Benzo(a)pyrene	15.592	252	1025927	55.580	ng	98
91) Dibenzo(a,h)anthracene	17.239	278	920782	51.524	ng	98
92) Benzo(g,h,i)perylene	17.692	276	939013	51.253	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

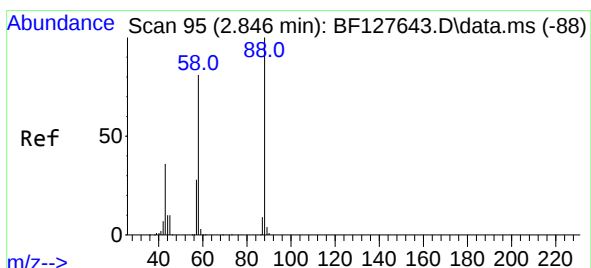
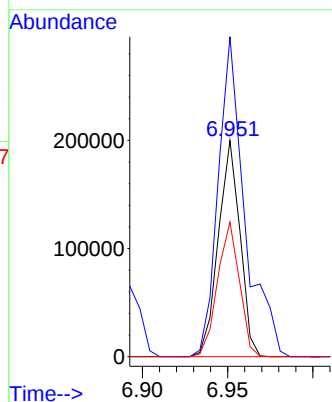
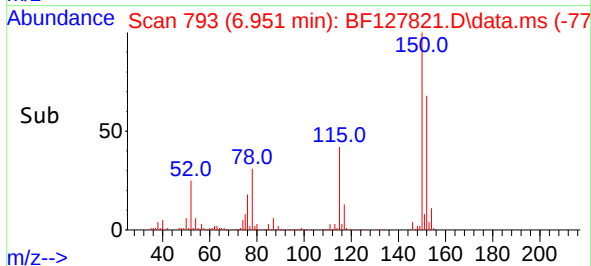
Instrument :
BNA_F
ClientSampleId :
PB144160BS



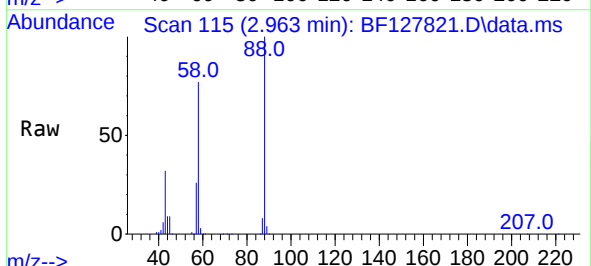
Tgt Ion:152 Resp: 176788
Ion Ratio Lower Upper
152 100
150 148.0 117.2 175.8
115 62.2 49.8 74.6

Manual Integrations
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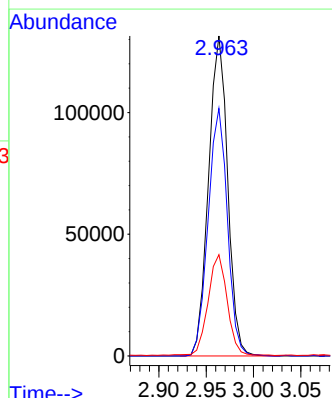
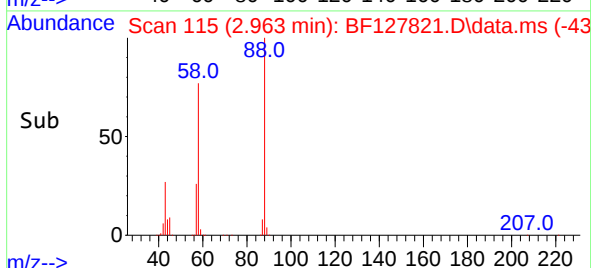
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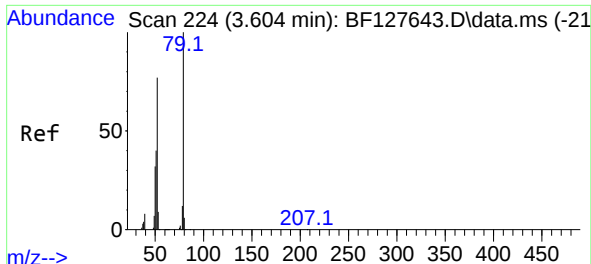


#2
1,4-Dioxane
Concen: 35.754 ng
RT: 2.963 min Scan# 115
Delta R.T. 0.124 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion: 88 Resp: 184511
Ion Ratio Lower Upper
88 100
58 77.9 77.0 115.4
43 31.6 31.3 46.9





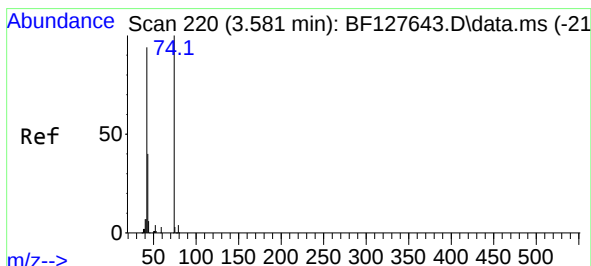
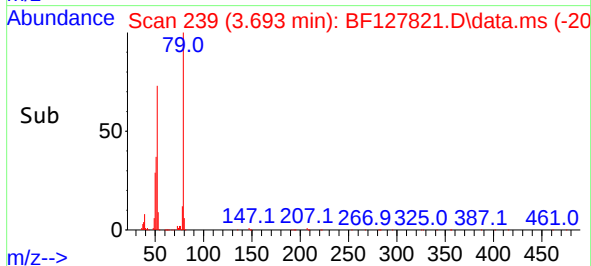
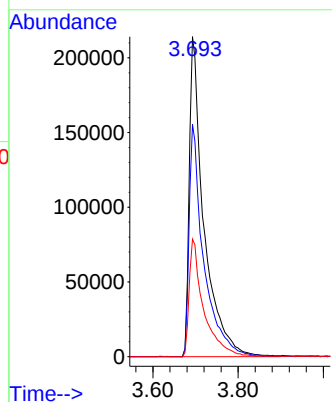
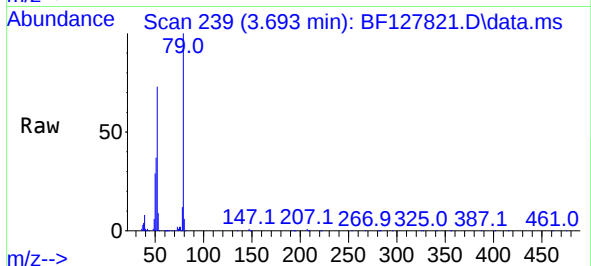
#3
Pyridine
Concen: 37.386 ng
RT: 3.693 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion: 79 Resp: 50814
Ion Ratio Lower Upper
79 100
52 72.5 74.2 111.4
51 36.8 36.7 55.1

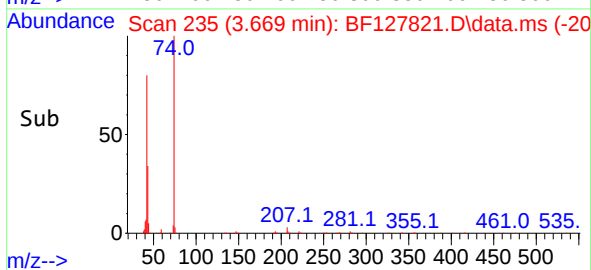
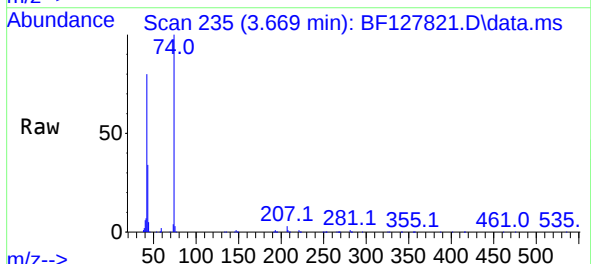
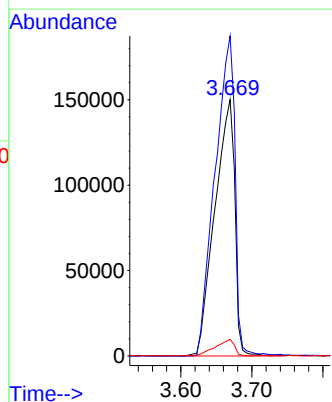
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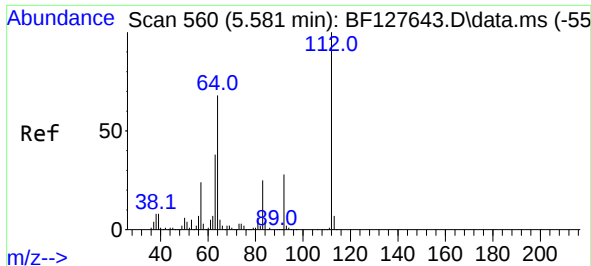
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#4
n-Nitrosodimethylamine
Concen: 40.031 ng
RT: 3.669 min Scan# 235
Delta R.T. 0.088 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion: 42 Resp: 292610
Ion Ratio Lower Upper
42 100
74 124.9 92.4 138.6
44 6.5 6.0 9.0





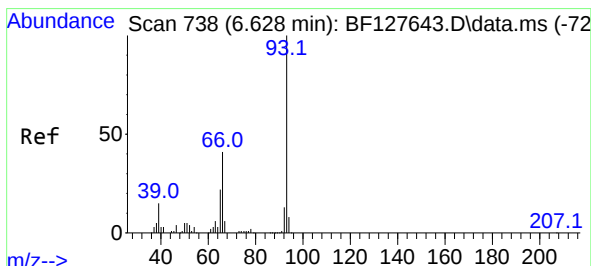
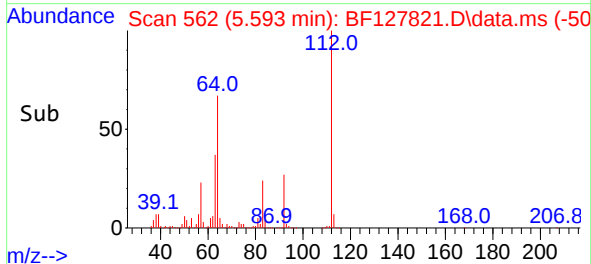
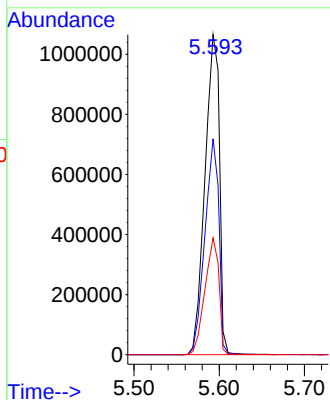
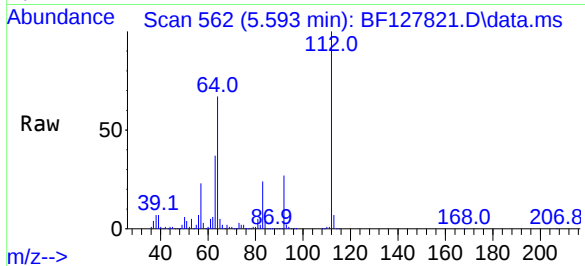
#5
2-Fluorophenol
Concen: 115.734 ng
RT: 5.593 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 125917
Ion Ratio Lower Upper
112 100
64 67.5 58.4 87.6
63 36.5 30.1 45.1

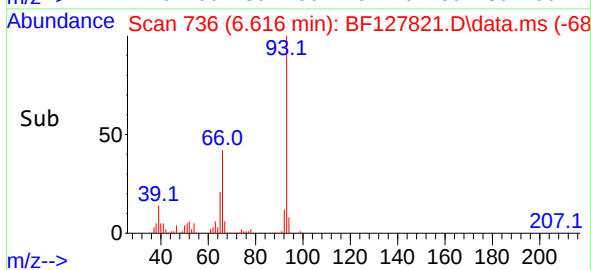
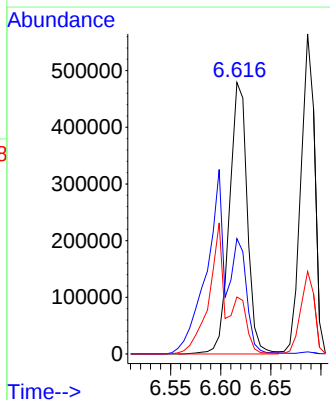
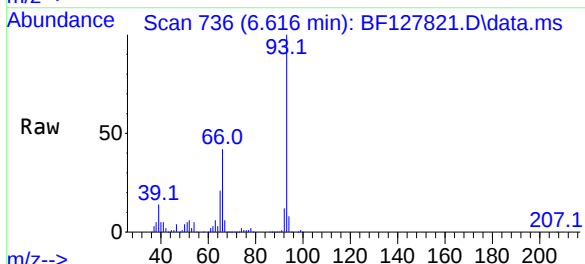
Manual Integrations
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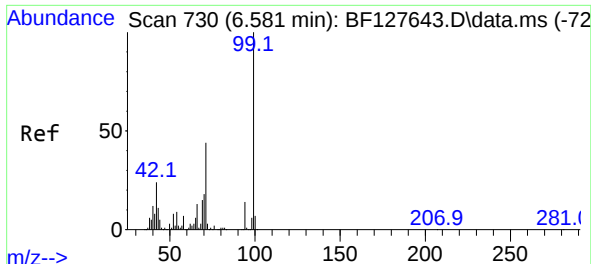
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#6
Aniline
Concen: 34.971 ng
RT: 6.616 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

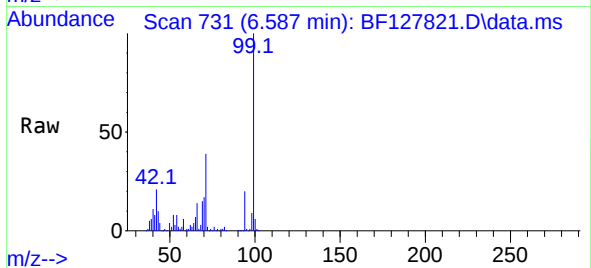
Tgt Ion: 93 Resp: 593654
Ion Ratio Lower Upper
93 100
66 42.5 36.2 54.4
65 21.0 18.4 27.6





#7
Phenol-d6
Concen: 113.235 ng
RT: 6.587 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

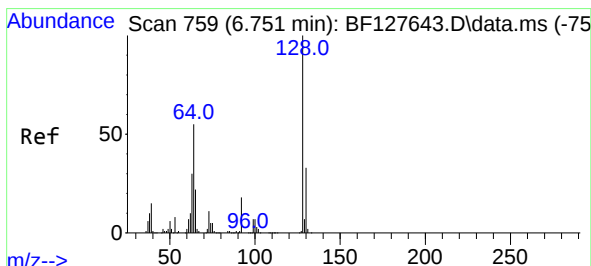
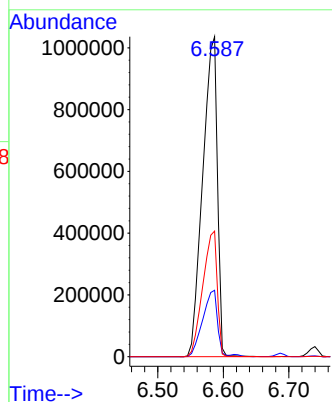
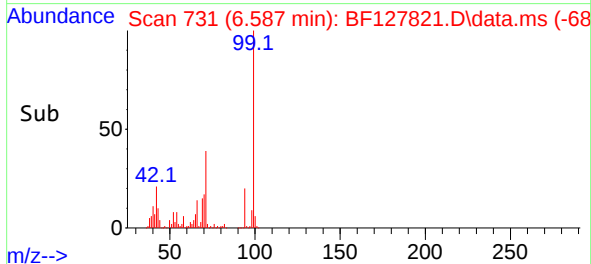
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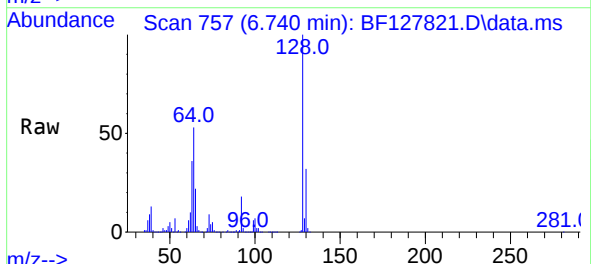
Tgt Ion: 99 Resp: 161170
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 39.3 29.6 44.4

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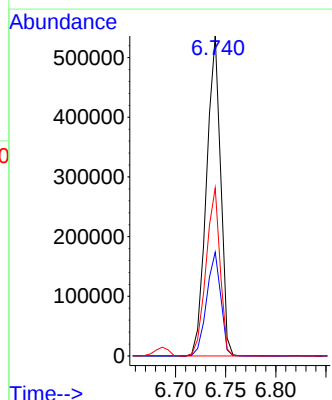
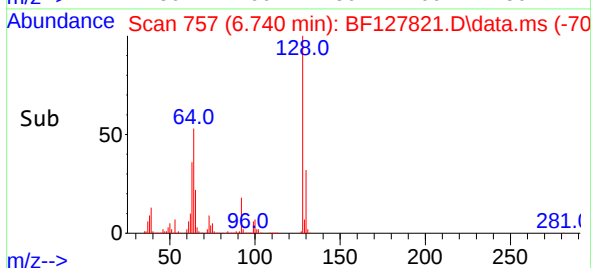
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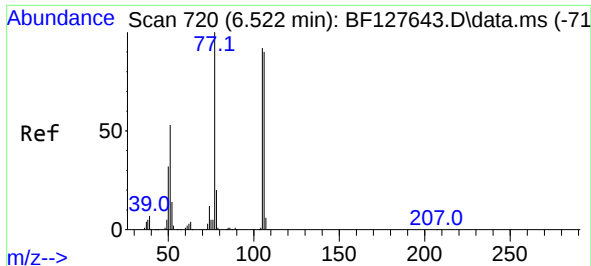


#8
2-Chlorophenol
Concen: 47.871 ng
RT: 6.740 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



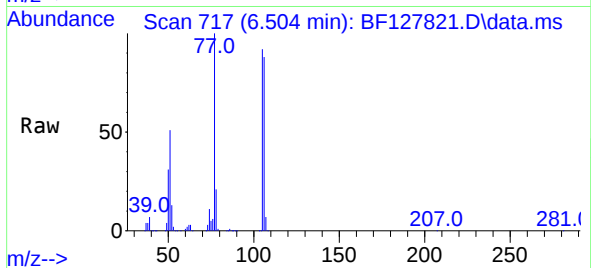
Tgt Ion:128 Resp: 528336
Ion Ratio Lower Upper
128 100
130 32.5 11.3 51.3
64 52.5 38.4 78.4





#9
Benzaldehyde
Concen: 39.214 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

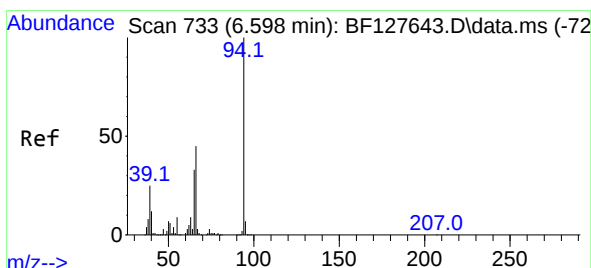
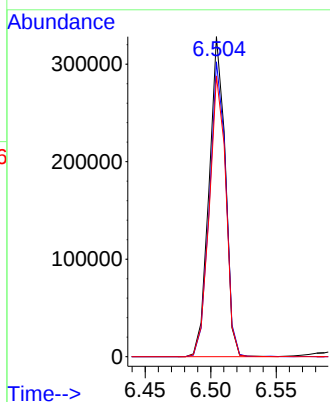
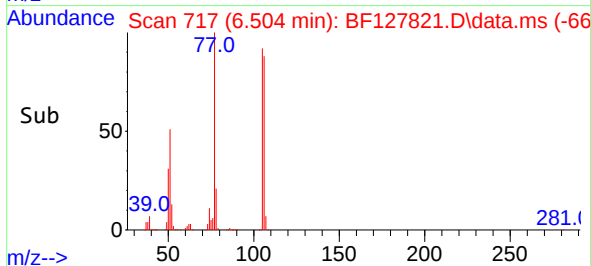
Instrument :
BNA_F
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PB144160BS



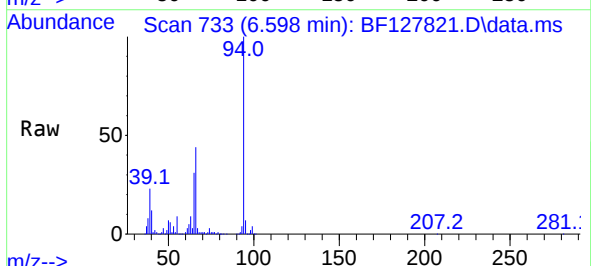
Tgt Ion: 77 Resp: 281830
Ion Ratio Lower Upper
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105 92.2 66.8 106.8
106 87.7 64.3 104.3

Manual Integrations
APPROVED

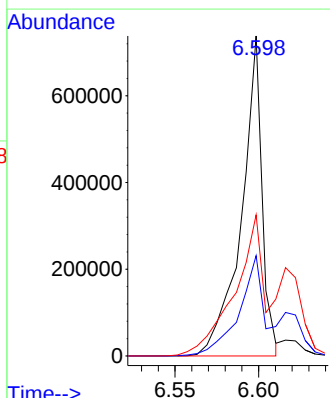
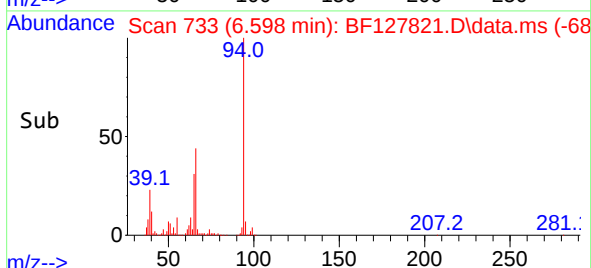
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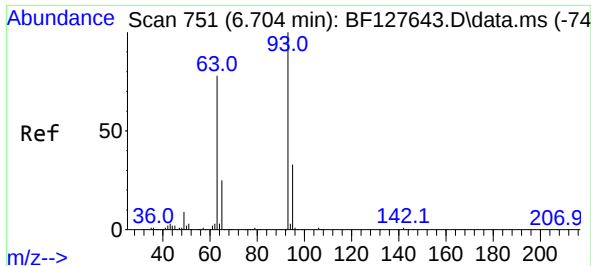


#10
Phenol
Concen: 44.464 ng m
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



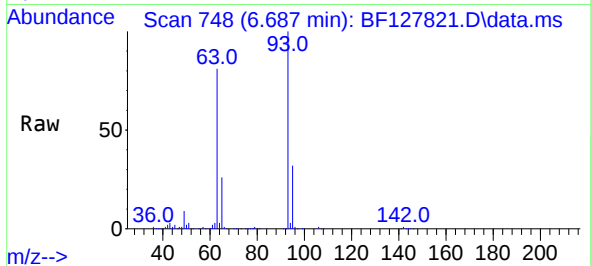
Tgt Ion: 94 Resp: 632819
Ion Ratio Lower Upper
94 100
65 31.3 13.1 53.1
66 44.1 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 45.930 ng
RT: 6.687 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

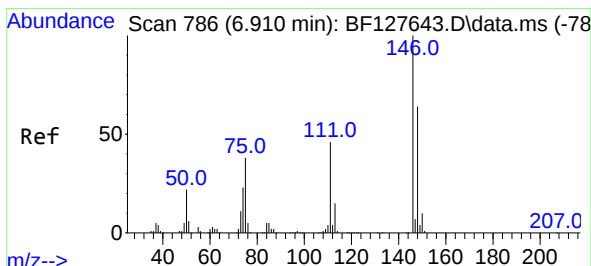
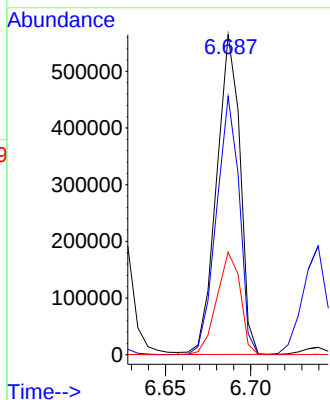
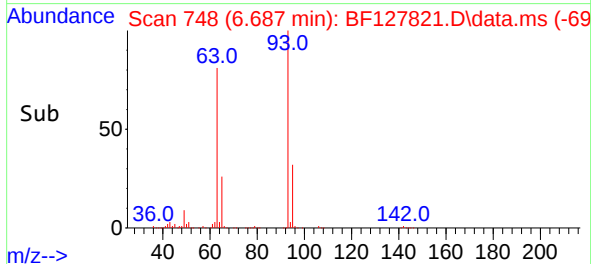
Instrument :
BNA_F
ClientSampleId :
PB144160BS



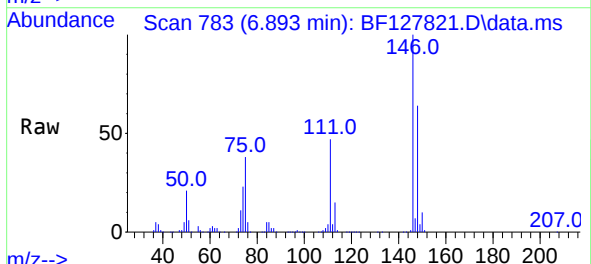
Tgt Ion: 93 Resp: 539830
Ion Ratio Lower Upper
93 100
63 80.7 69.6 109.6
95 32.0 11.6 51.6

Manual Integrations
APPROVED

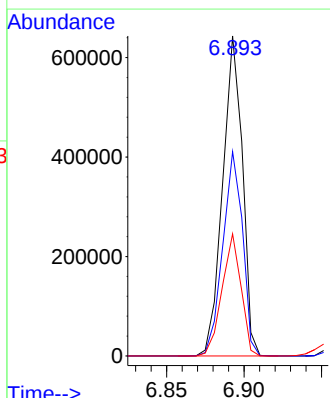
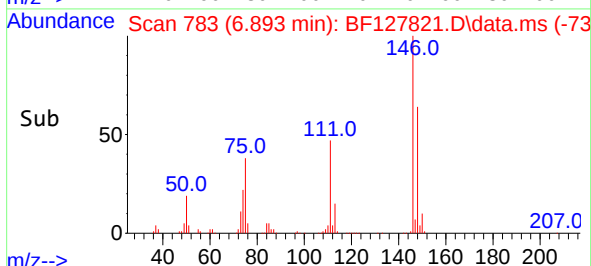
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

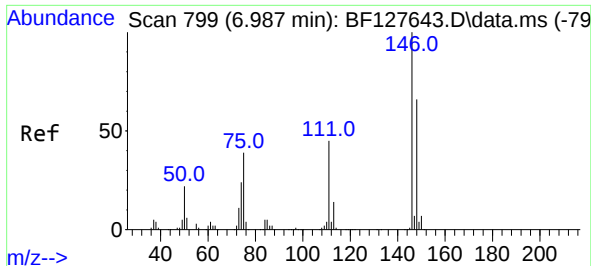


#12
1,3-Dichlorobenzene
Concen: 45.267 ng
RT: 6.893 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion:146 Resp: 570850
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
75 38.2 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 45.481 ng
RT: 6.969 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

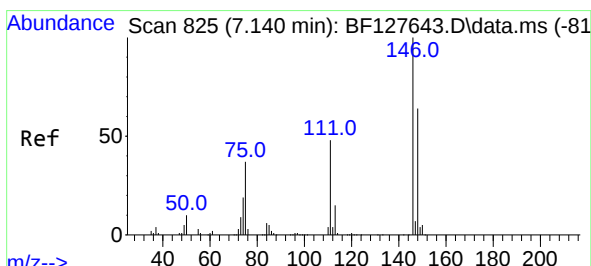
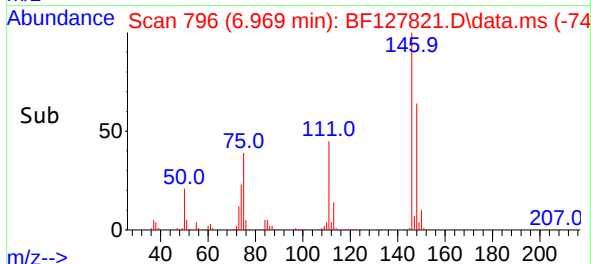
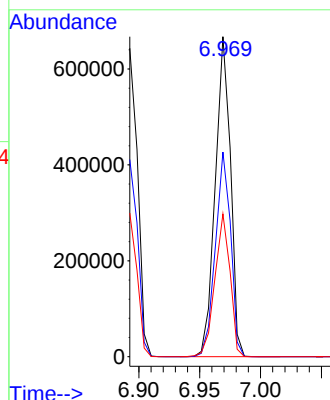
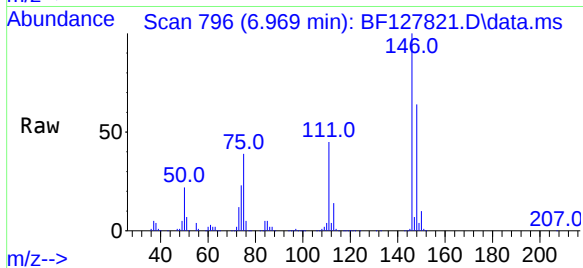
ClientSampleId :

PB144160BS

Tgt Ion:146 Resp: 579780
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
111 44.6 34.2 51.4

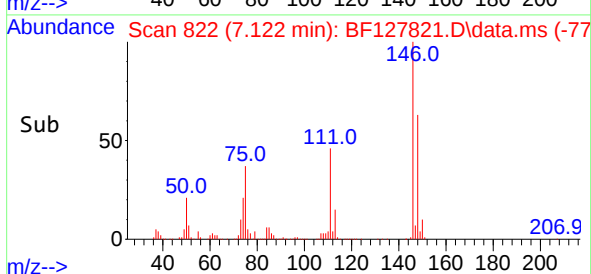
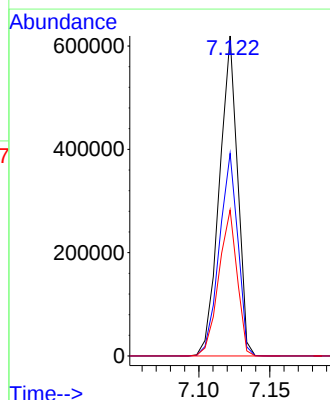
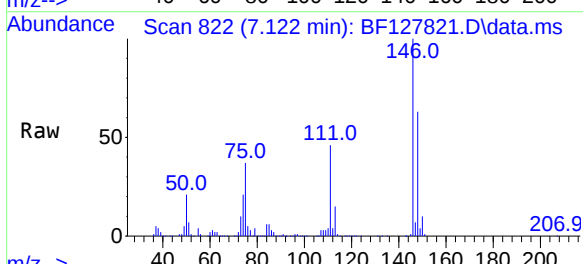
Manual Integrations
APPROVED

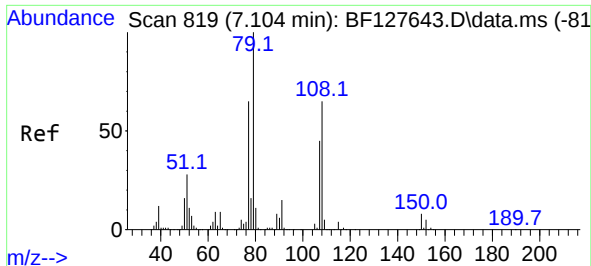
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#14
1,2-Dichlorobenzene
Concen: 45.224 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:146 Resp: 551070
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 45.7 36.4 54.6





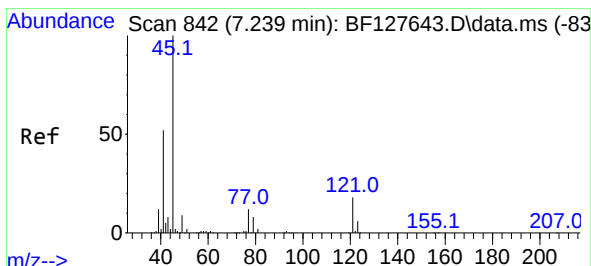
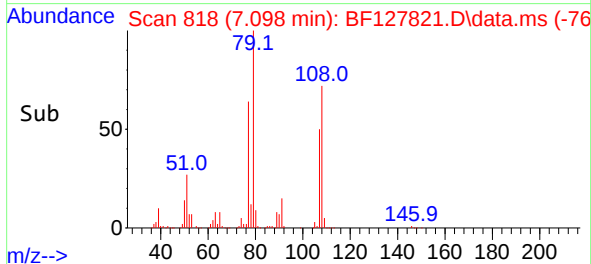
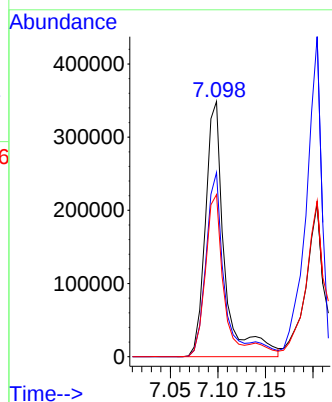
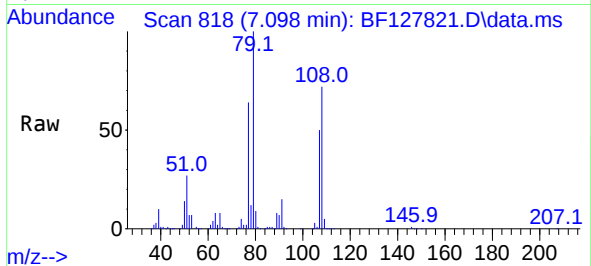
#15
Benzyl Alcohol
Concen: 39.287 ng m
RT: 7.098 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion: 79 Resp: 488858
Ion Ratio Lower Upper
79 100
108 72.2 52.2 78.2
77 63.5 48.3 72.5

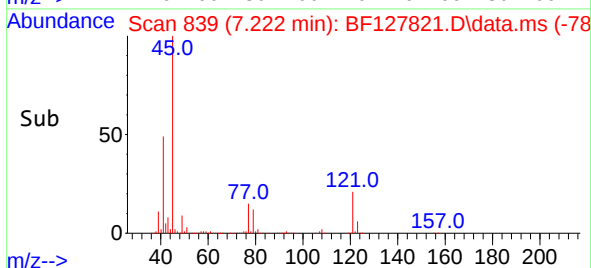
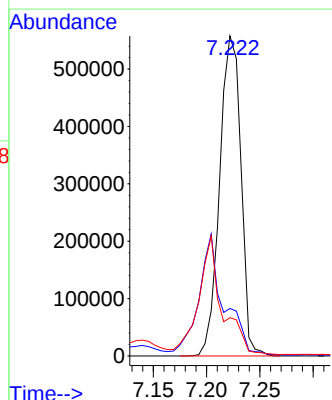
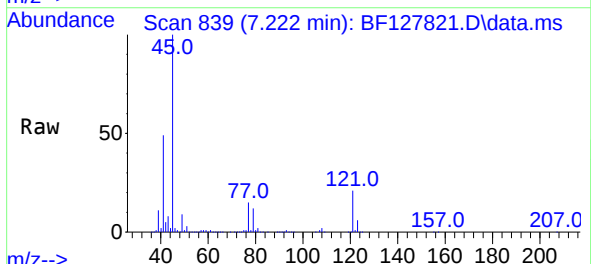
Manual Integrations
APPROVED

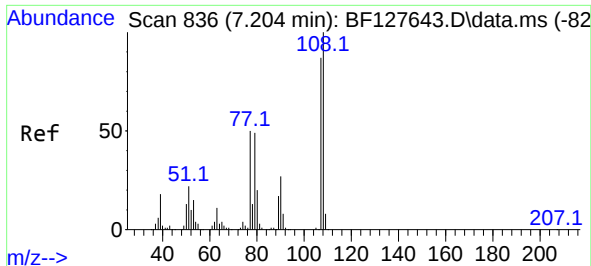
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.694 ng
RT: 7.222 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

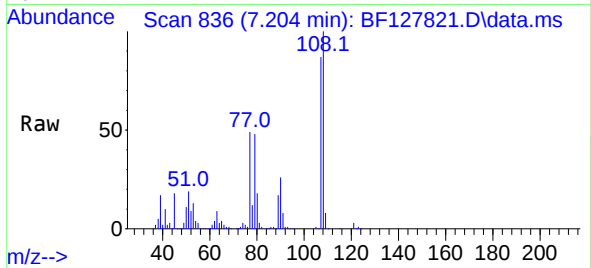
Tgt Ion: 45 Resp: 773537
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.9
79 12.0 0.0 29.9





#17
2-Methylphenol
Concen: 44.637 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

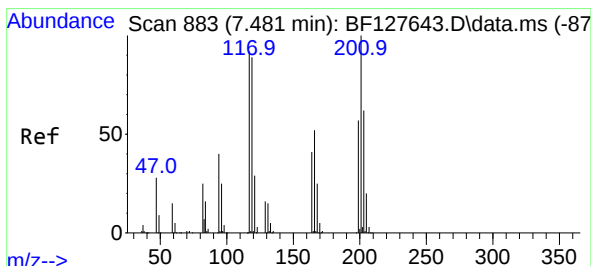
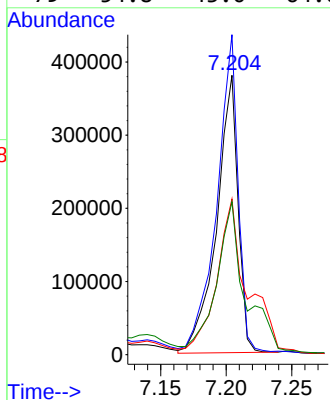
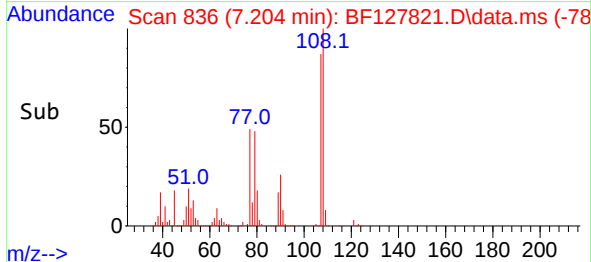
Instrument :
BNA_F
ClientSampleId :
PB144160BS



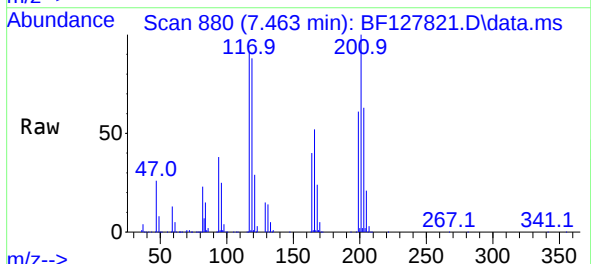
Tgt Ion:107 Resp: 428530
Ion Ratio Lower Upper
107 100
108 114.5 90.7 136.1
77 55.7 42.9 64.3
79 54.8 43.0 64.6

Manual Integrations
APPROVED

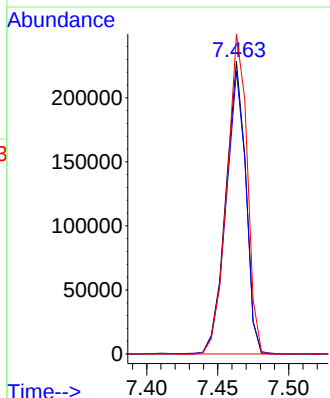
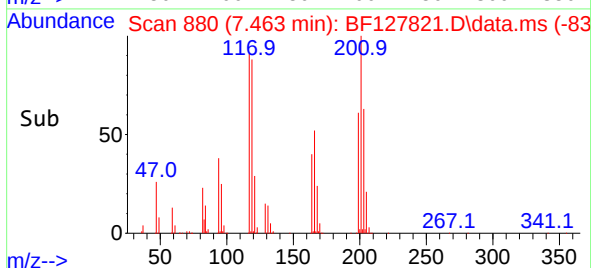
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

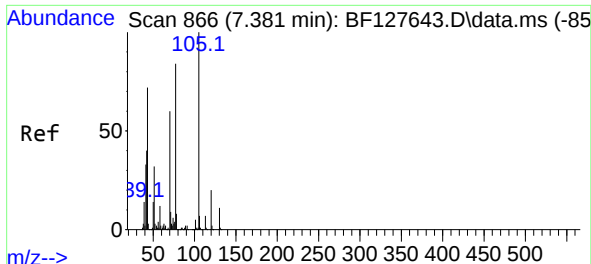


#18
Hexachloroethane
Concen: 45.697 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion:117 Resp: 222288
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4
201 109.4 88.2 132.2





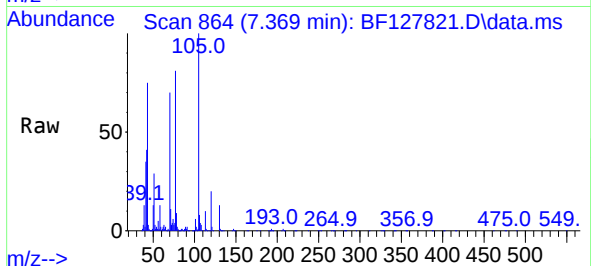
#19
n-Nitroso-di-n-propylamine
Concen: 42.742 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

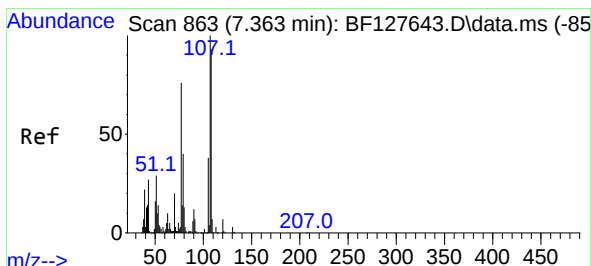
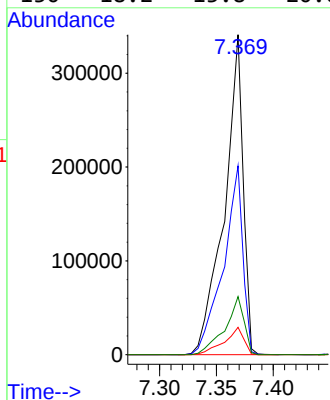
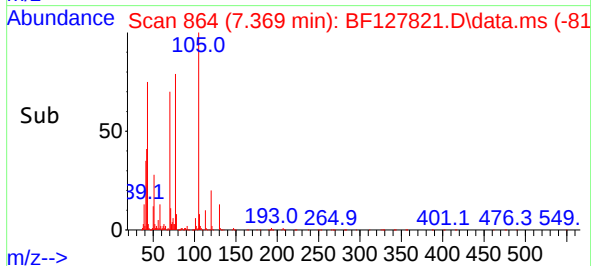


Tgt Ion: 70 Resp: 39347
Ion Ratio Lower Upper
70 100
42 59.0 53.0 79.6
101 8.5 6.8 10.2
130 18.2 13.8 20.6

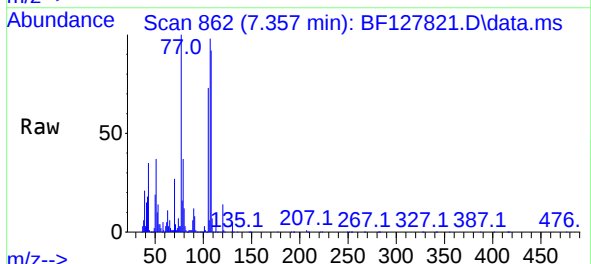
Manual Integrations

APPROVED

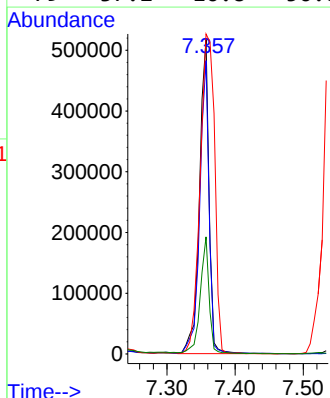
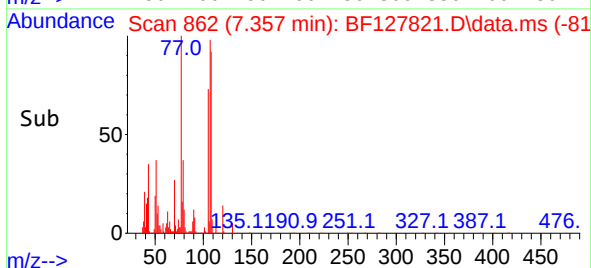
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

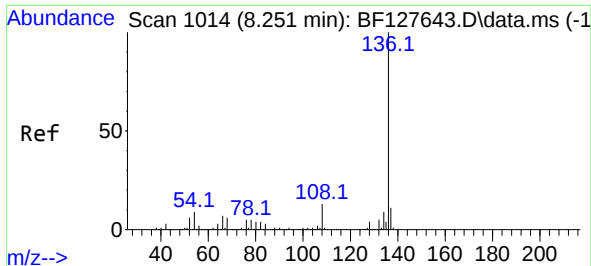


#20
3+4-Methylphenols
Concen: 41.256 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion:107 Resp: 504726
Ion Ratio Lower Upper
107 100
108 93.3 70.7 110.7
77 101.7 127.9 167.9#
79 37.2 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

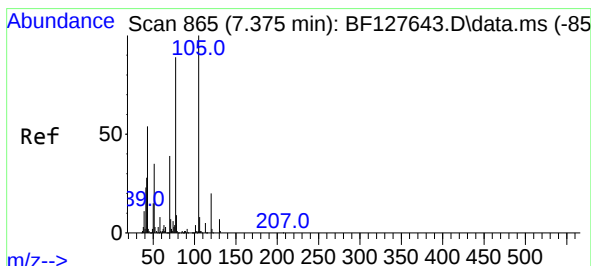
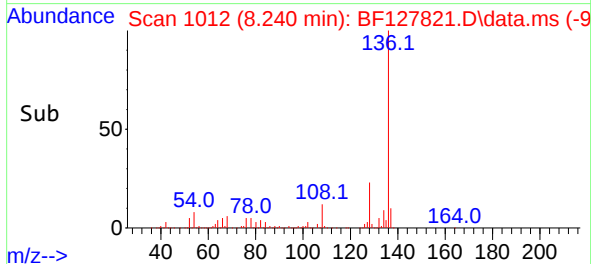
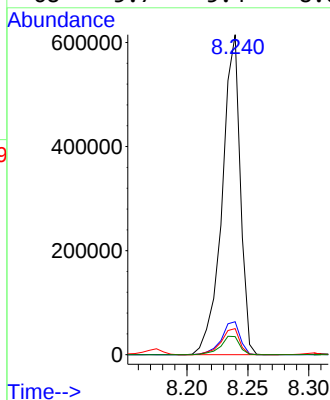
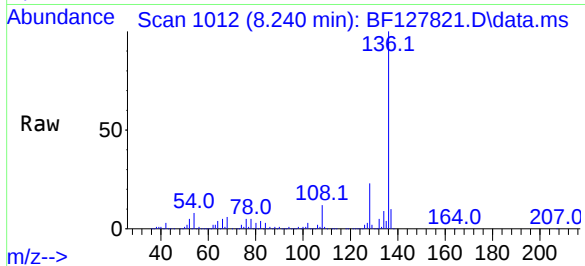
PB144160BS

Tgt Ion:136 Resp: 63826
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.2 9.2 13.8
68 5.7 5.4 8.0

Manual Integrations

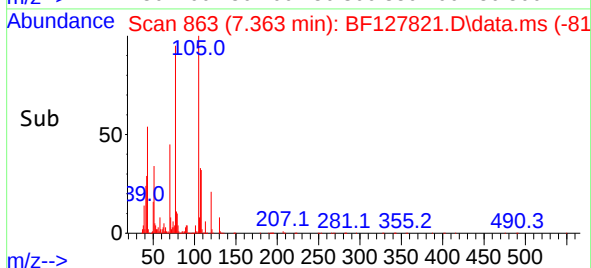
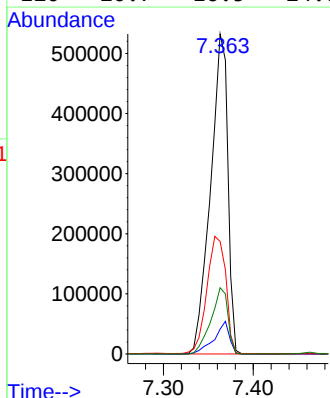
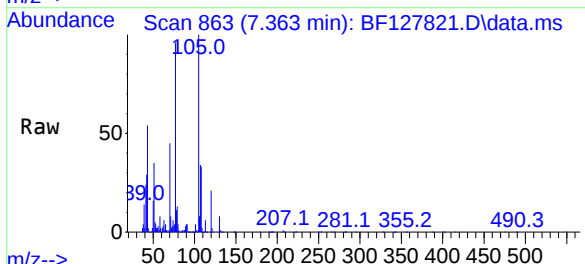
APPROVED

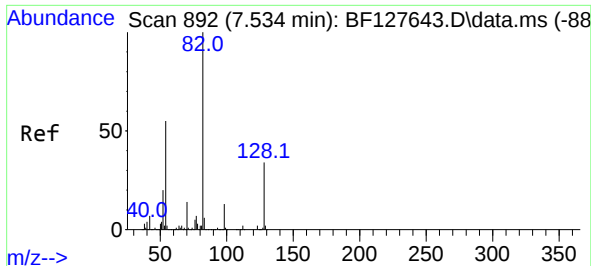
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#22
Acetophenone
Concen: 41.614 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:105 Resp: 713725
Ion Ratio Lower Upper
105 100
71 7.8 7.3 10.9
51 35.1 38.8 58.2#
120 20.7 16.5 24.7





#23

Nitrobenzene-d5

Concen: 81.642 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

Tgt Ion: 82 Resp: 116885

Ion Ratio Lower Upper

82 100

128 38.2 30.6 45.8

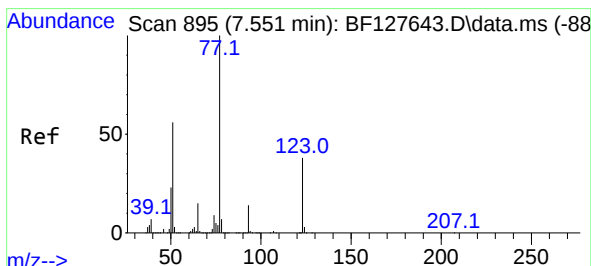
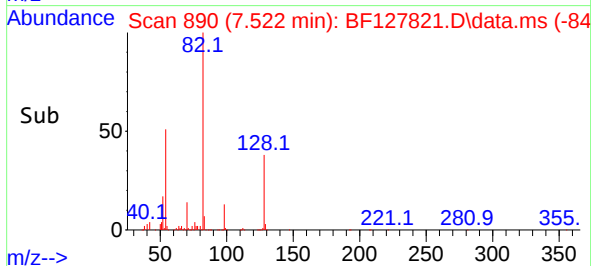
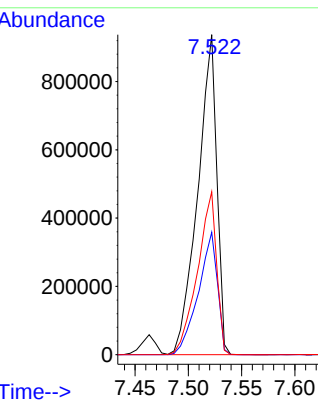
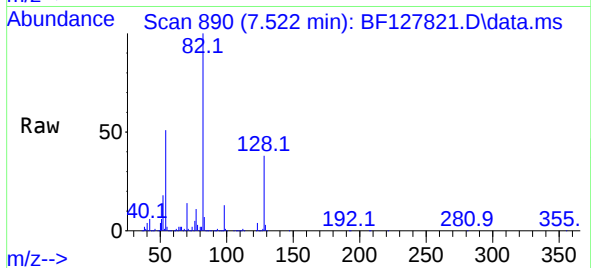
54 50.9 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#24

Nitrobenzene

Concen: 44.877 ng

RT: 7.540 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

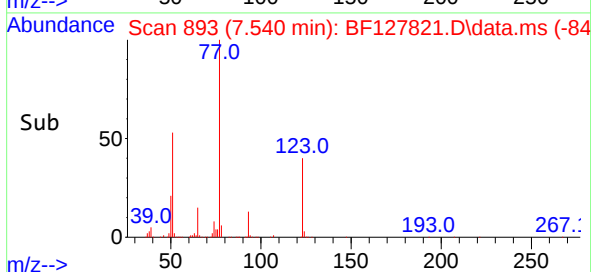
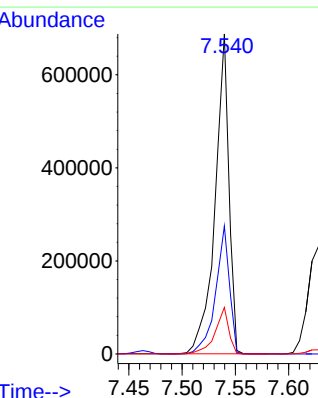
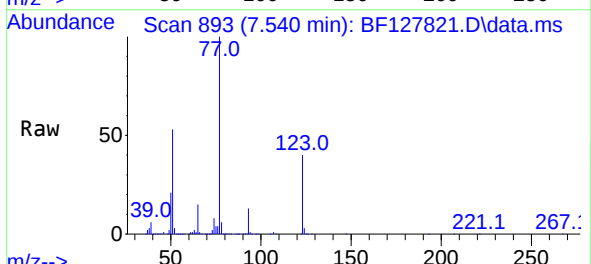
Tgt Ion: 77 Resp: 622813

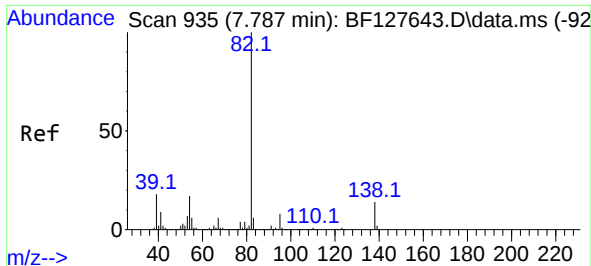
Ion Ratio Lower Upper

77 100

123 40.0 32.0 48.0

65 14.6 12.2 18.2





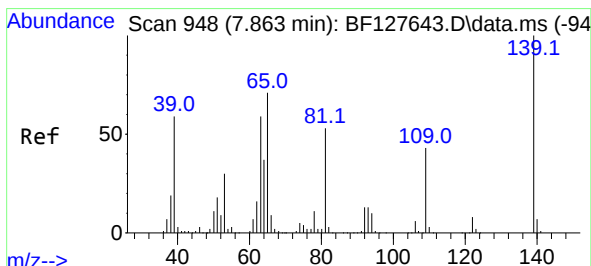
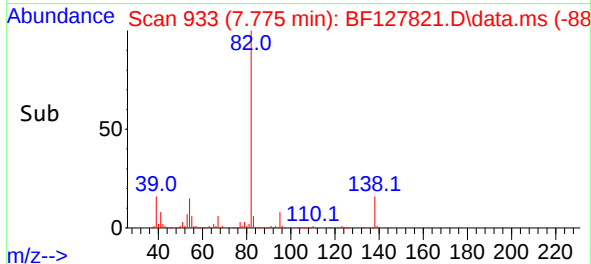
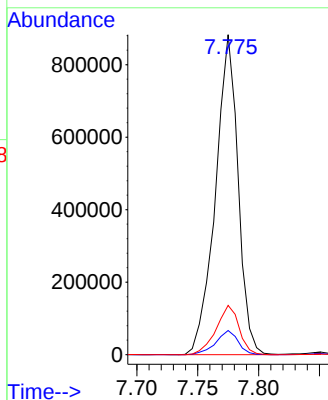
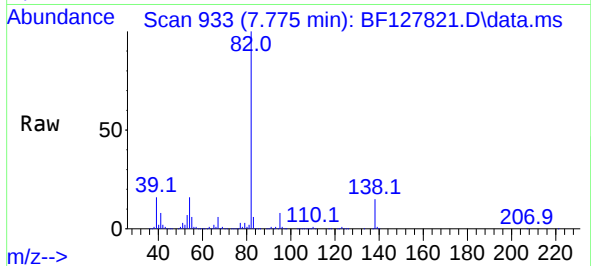
#25
Isophorone
Concen: 45.808 ng
RT: 7.775 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion: 82 Resp: 114437
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 15.4 11.6 17.4

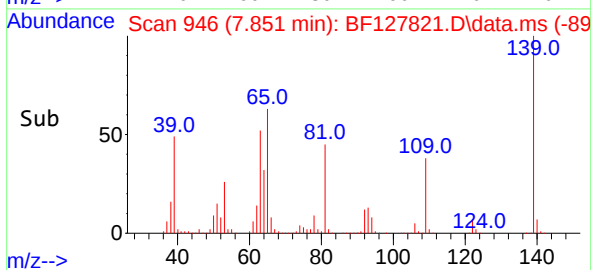
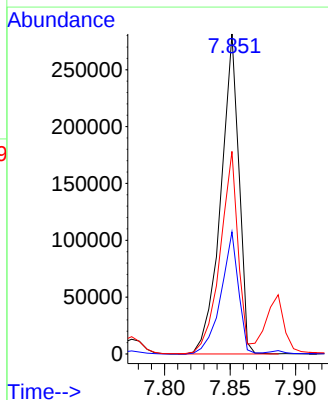
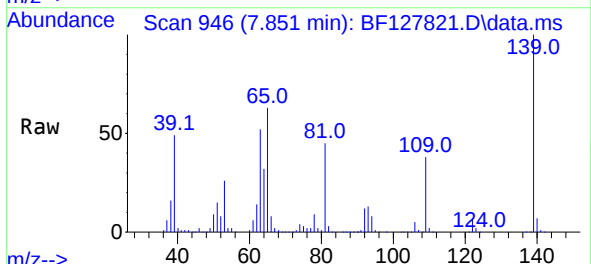
Manual Integrations
APPROVED

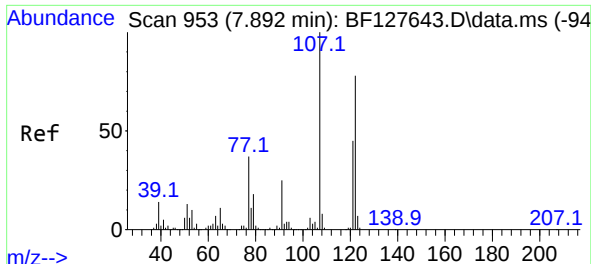
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#26
2-Nitrophenol
Concen: 54.172 ng
RT: 7.851 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:139 Resp: 270183
Ion Ratio Lower Upper
139 100
109 38.1 28.2 42.2
65 63.3 55.3 82.9





#27
2,4-Dimethylphenol
Concen: 48.786 ng
RT: 7.887 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

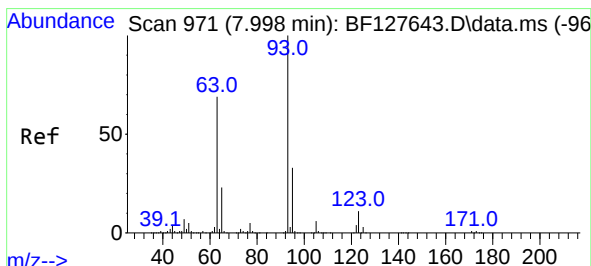
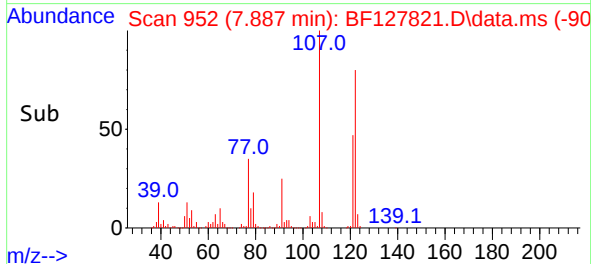
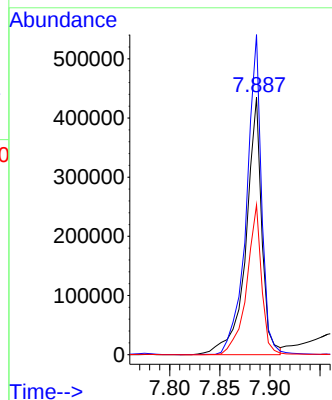
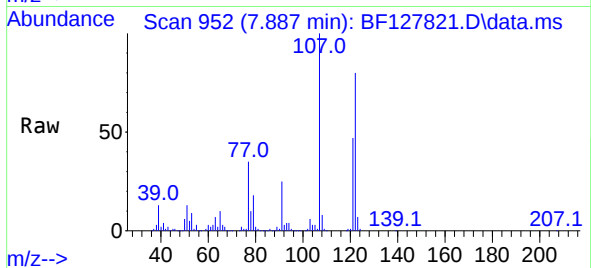
PB144160BS

Tgt Ion:122 Resp: 47639
Ion Ratio Lower Upper
122 100
107 124.4 93.0 139.4
121 58.2 44.9 67.3

Manual Integrations

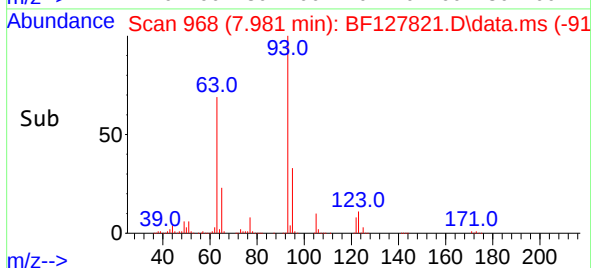
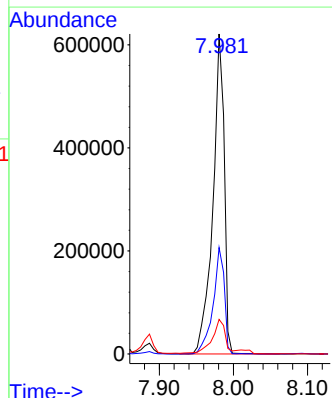
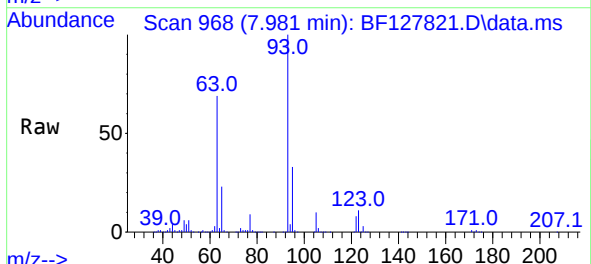
APPROVED

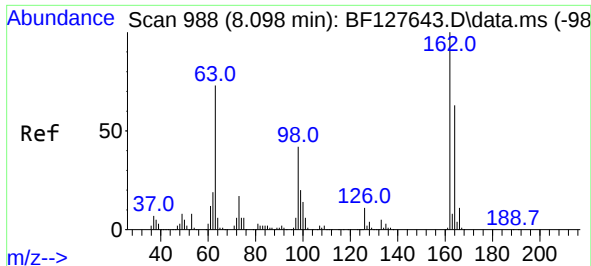
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.795 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion: 93 Resp: 659218
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 10.8 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 43.940 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

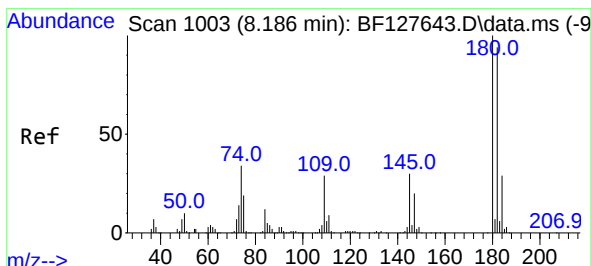
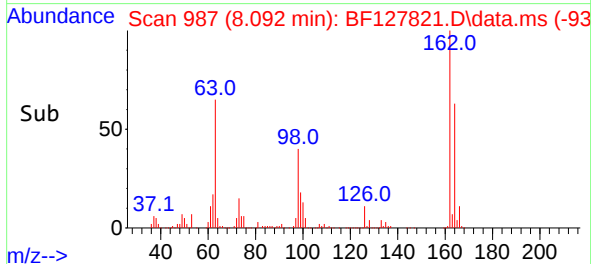
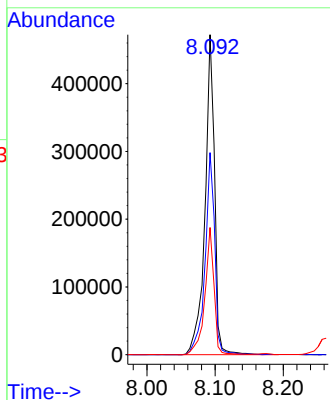
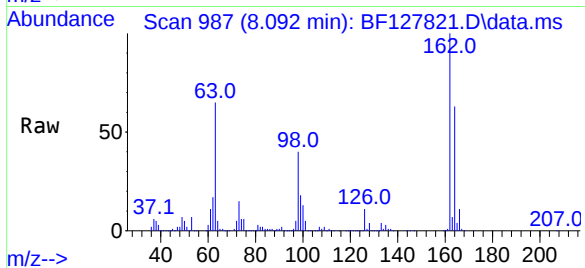
ClientSampleId :

PB144160BS

Tgt Ion:162 Resp: 46221
Ion Ratio Lower Upper
162 100
164 63.2 43.7 83.7
98 39.7 23.5 63.5

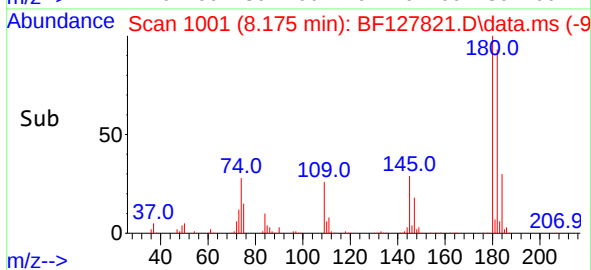
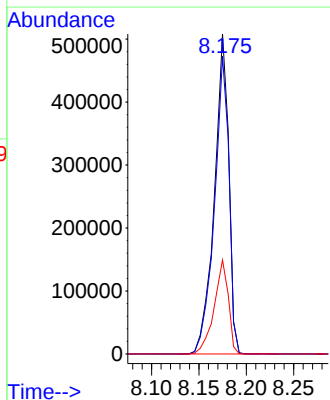
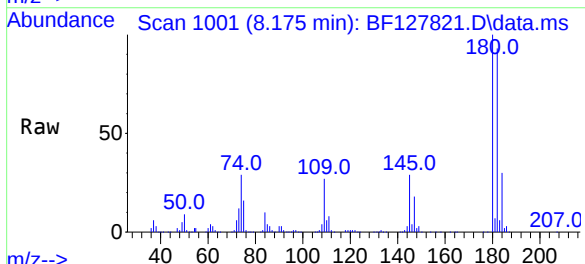
Manual Integrations
APPROVED

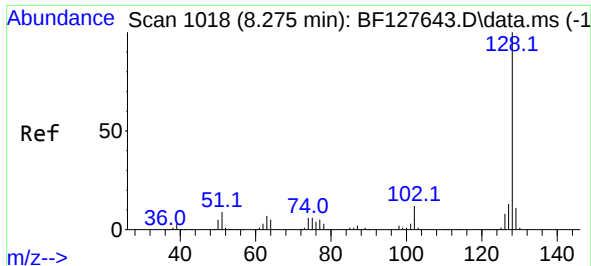
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#30
1,2,4-Trichlorobenzene
Concen: 44.385 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

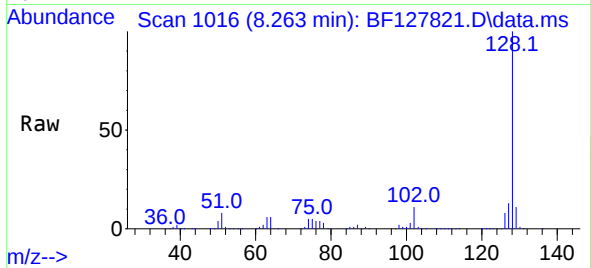
Tgt Ion:180 Resp: 537340
Ion Ratio Lower Upper
180 100
182 93.0 73.8 110.6
145 29.4 23.3 34.9





#31
Naphthalene
Concen: 43.574 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

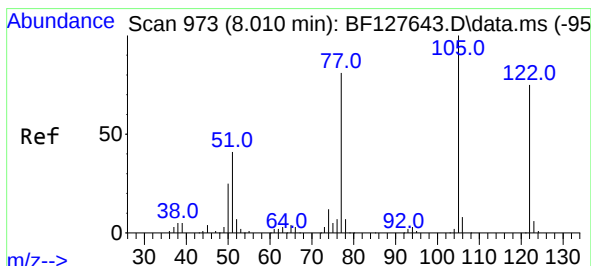
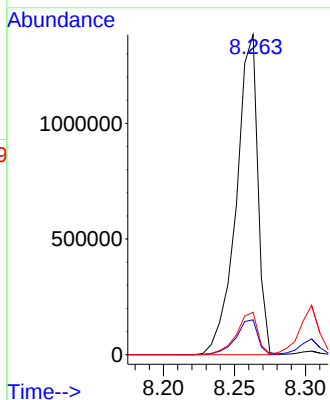
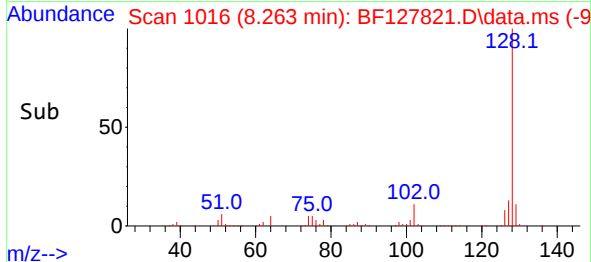
Instrument :
BNA_F
ClientSampleId :
PB144160BS



Tgt Ion:128 Resp: 145734
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.3 10.2 15.2

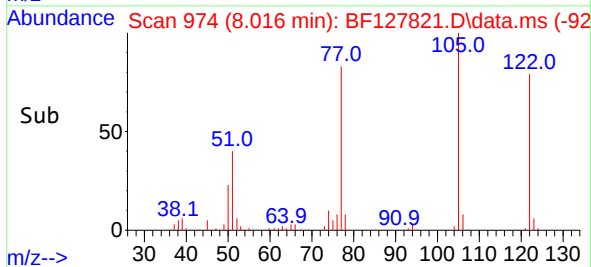
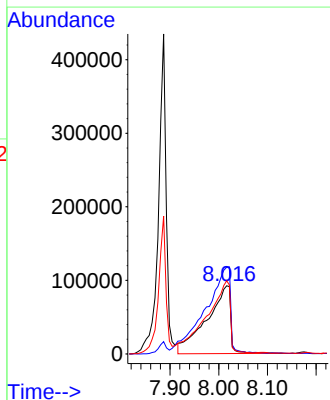
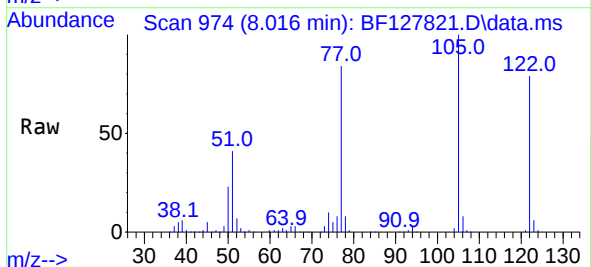
Manual Integrations
APPROVED

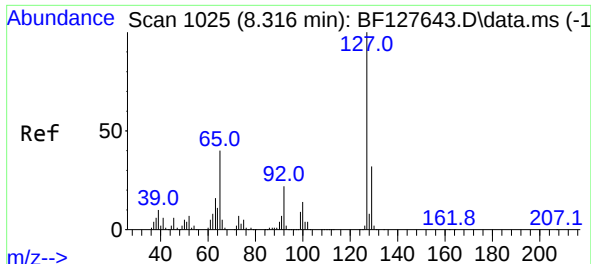
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#32
Benzoic acid
Concen: 44.563 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:122 Resp: 315712
Ion Ratio Lower Upper
122 100
105 127.0 117.1 157.1
77 107.2 93.0 133.0





#33
4-Chloroaniline
Concen: 16.224 ng
RT: 8.304 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

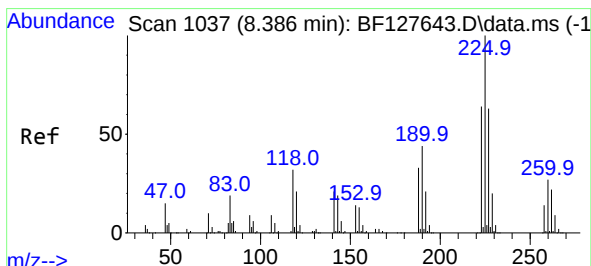
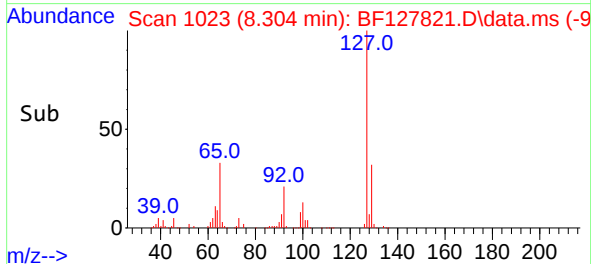
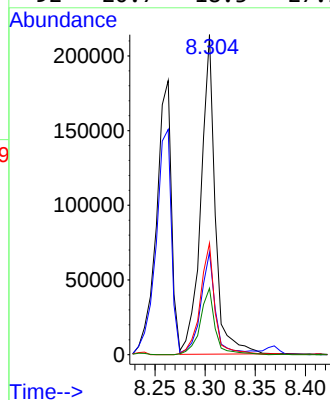
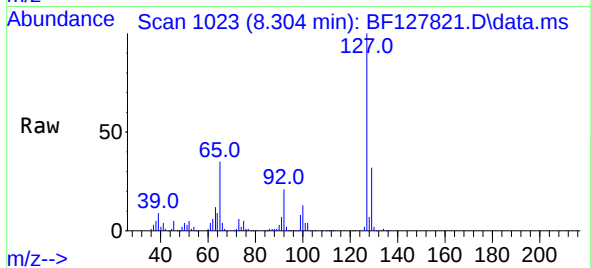
PB144160BS

Tgt Ion:127 Resp: 21369
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9
65 34.9 31.4 47.0
92 20.7 18.3 27.5

Manual Integrations

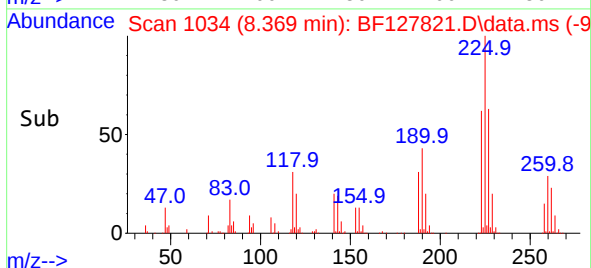
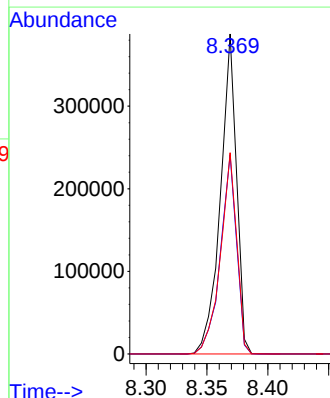
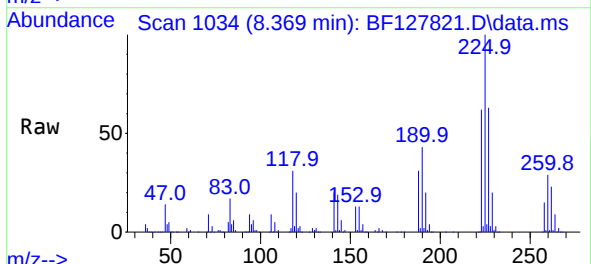
APPROVED

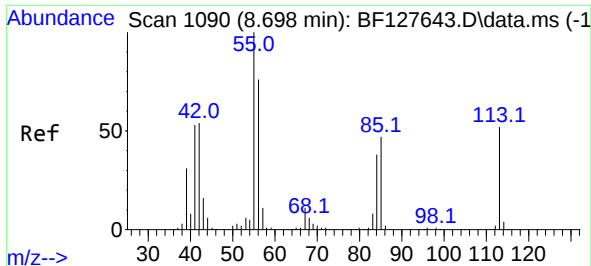
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#34
Hexachlorobutadiene
Concen: 42.948 ng
RT: 8.369 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

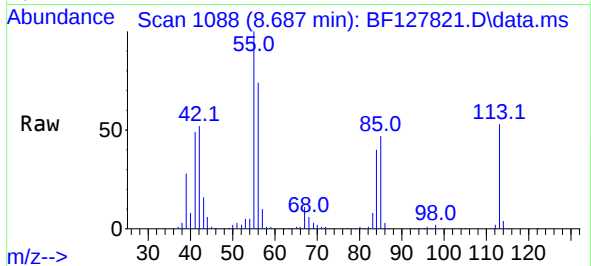
Tgt Ion:225 Resp: 357662
Ion Ratio Lower Upper
225 100
223 62.3 50.6 76.0
227 62.9 49.6 74.4





#35
Caprolactam
Concen: 42.919 ng m
RT: 8.687 min Scan# 1090
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

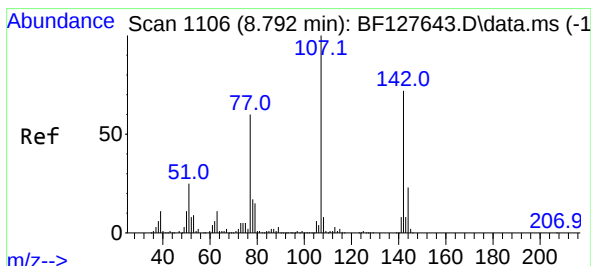
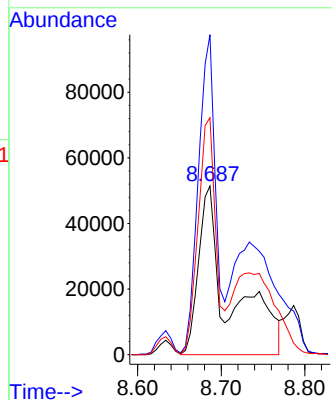
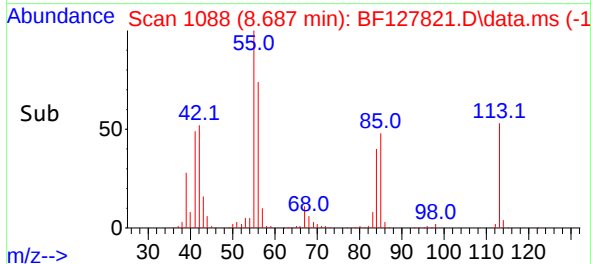
Instrument :
BNA_F
ClientSampleId :
PB144160BS



Tgt Ion:113 Resp: 133435
Ion Ratio Lower Upper
113 100
55 189.8 218.7 258.7
56 140.6 156.2 196.2

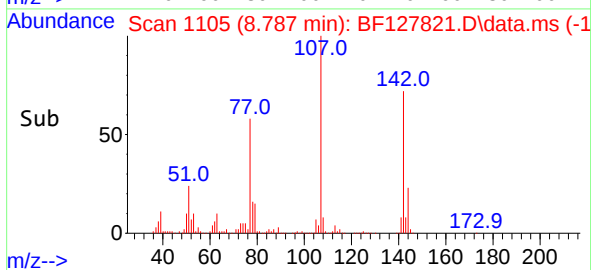
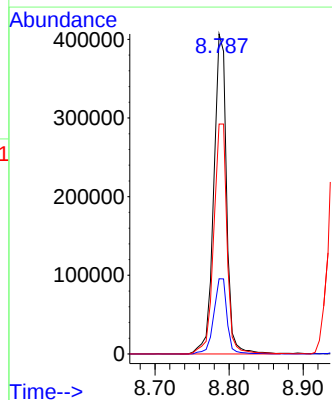
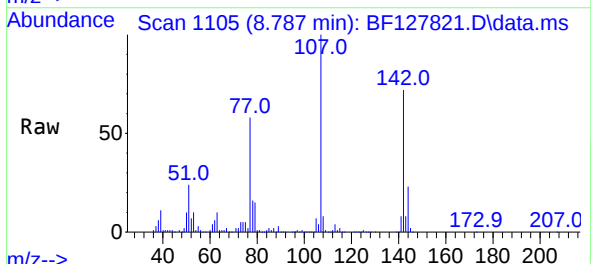
Manual Integrations
APPROVED

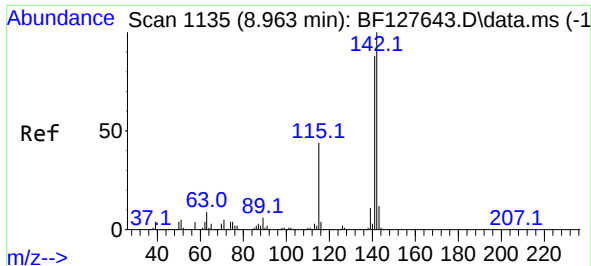
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#36
4-Chloro-3-methylphenol
Concen: 44.079 ng
RT: 8.787 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:107 Resp: 486126
Ion Ratio Lower Upper
107 100
144 23.5 19.3 28.9
142 71.8 59.8 89.8





#37

2-Methylnaphthalene

Concen: 43.480 ng

RT: 8.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

Tgt Ion:142 Resp: 972590

Ion Ratio Lower Upper

142 100

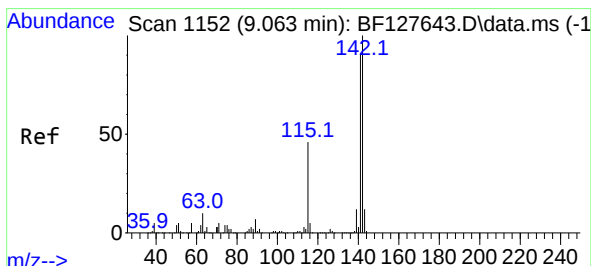
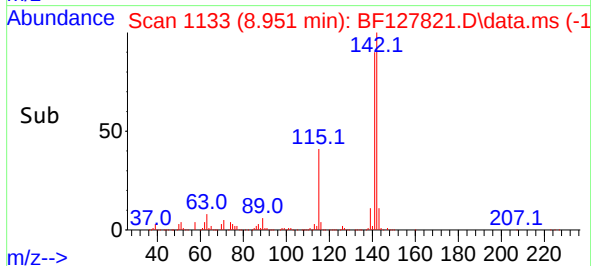
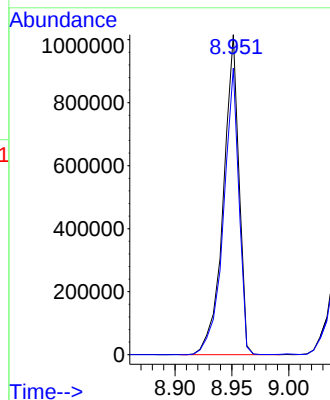
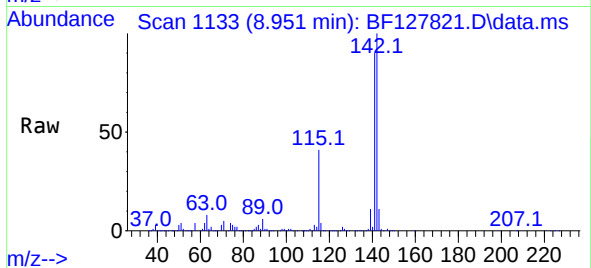
141 89.5 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#38

1-Methylnaphthalene

Concen: 43.103 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF127821.D

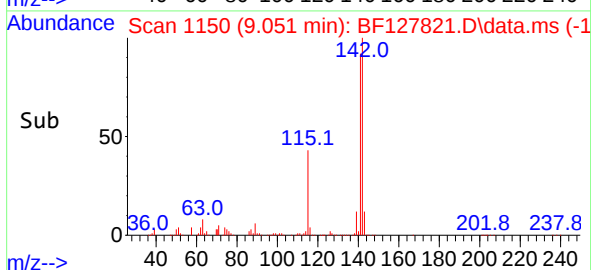
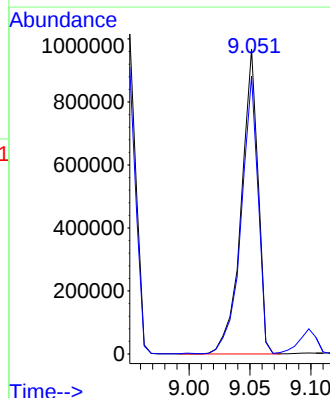
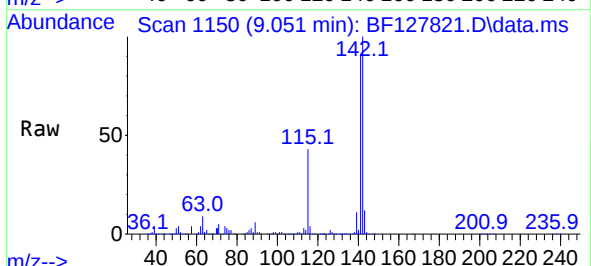
Acq: 18 Apr 2022 11:28

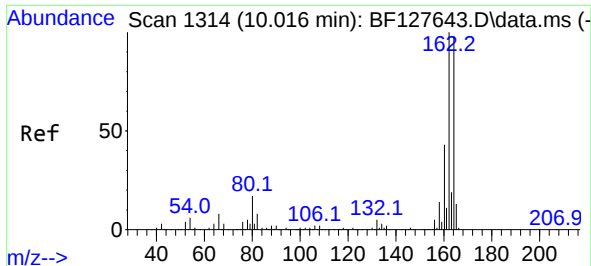
Tgt Ion:142 Resp: 930627

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

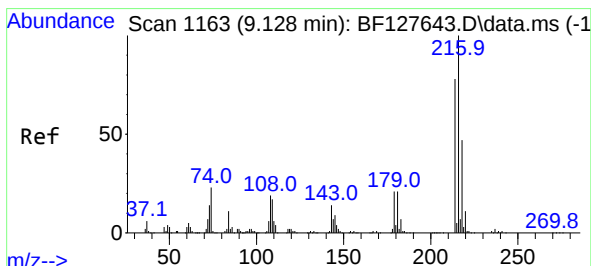
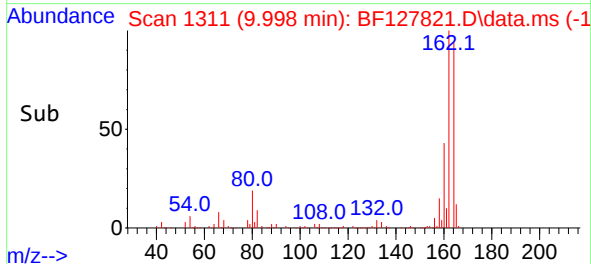
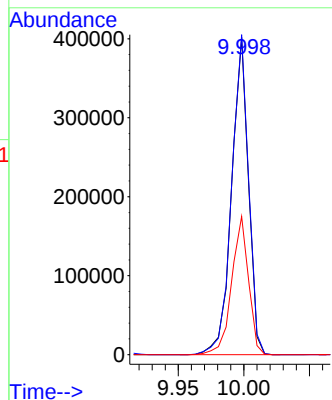
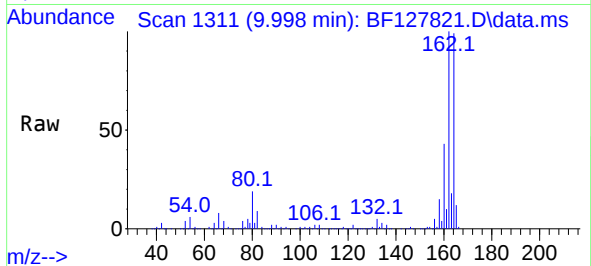
PB144160BS

Tgt Ion:164 Resp: 357915
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 43.6 34.6 52.0

Manual Integrations

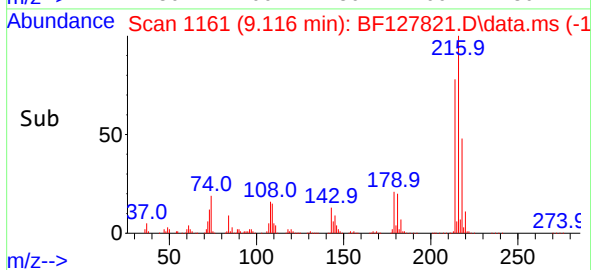
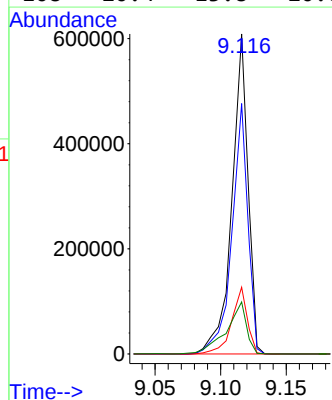
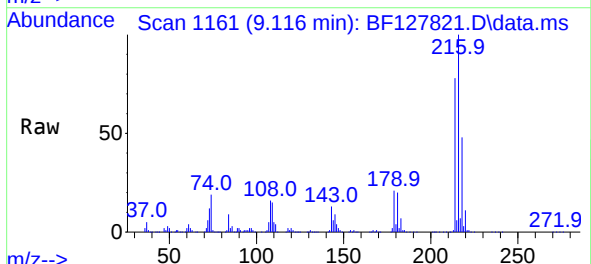
APPROVED

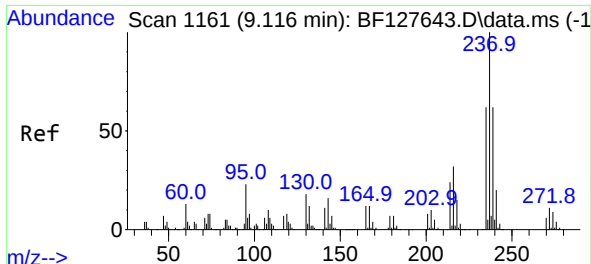
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.292 ng
RT: 9.116 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:216 Resp: 519960
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 20.3 15.5 23.3
108 20.4 13.8 20.6





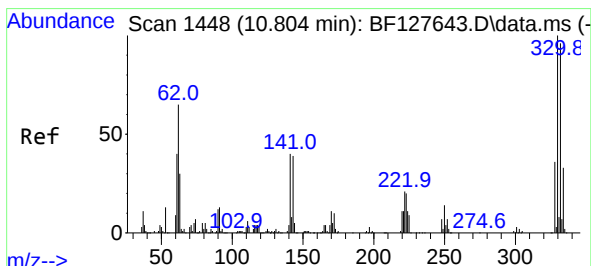
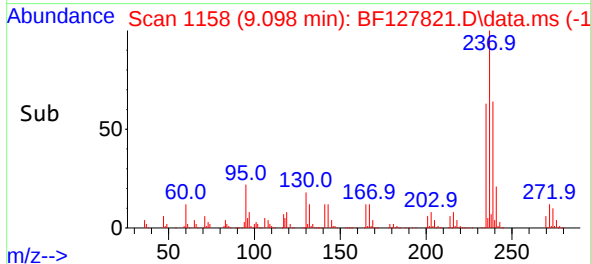
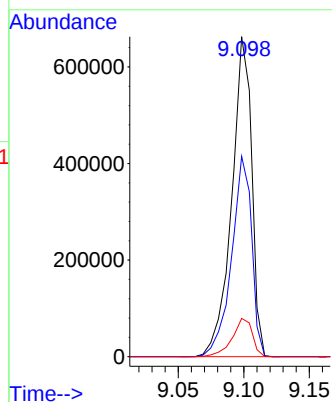
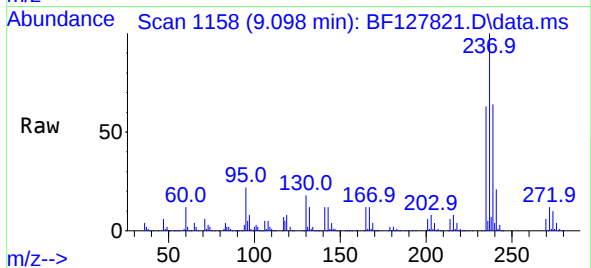
#41
Hexachlorocyclopentadiene
Concen: 99.355 ng
RT: 9.098 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:237 Resp: 70258
Ion Ratio Lower Upper
237 100
235 62.6 40.4 80.4
272 11.9 0.0 31.8

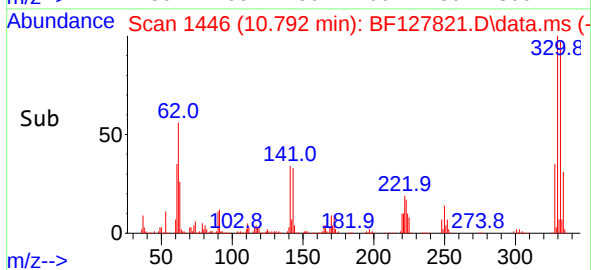
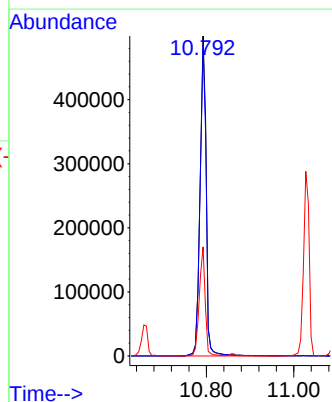
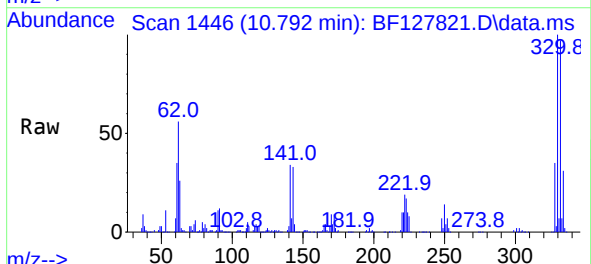
Manual Integrations
APPROVED

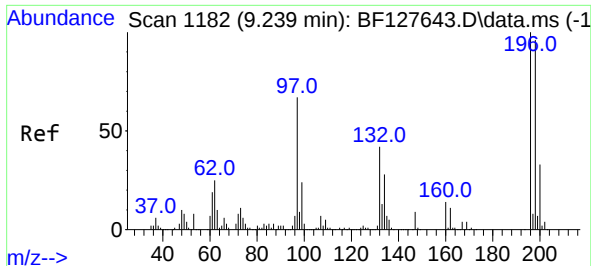
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#42
2,4,6-Tribromophenol
Concen: 128.430 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

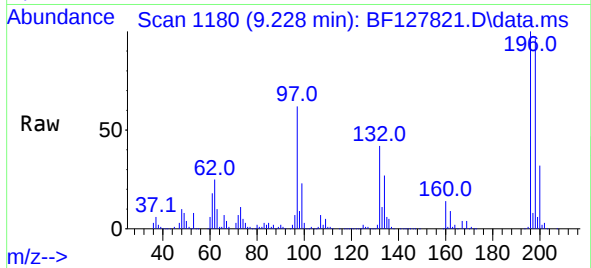
Tgt Ion:330 Resp: 489159
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 32.9 26.2 39.4





#43
2,4,6-Trichlorophenol
Concen: 43.378 ng
RT: 9.228 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

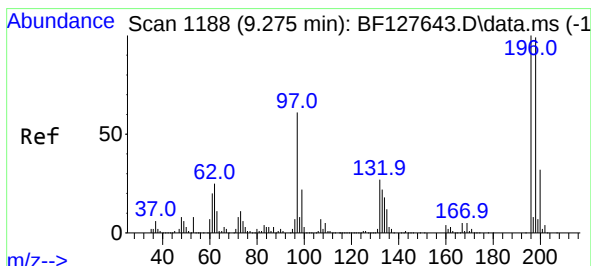
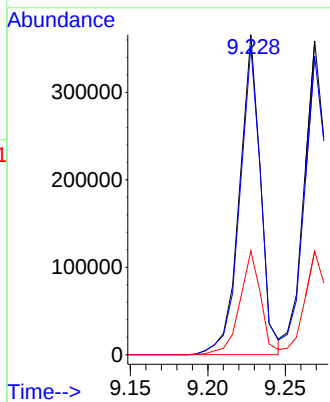
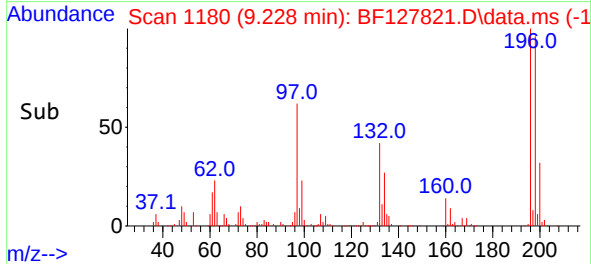
Instrument :
BNA_F
ClientSampleId :
PB144160BS



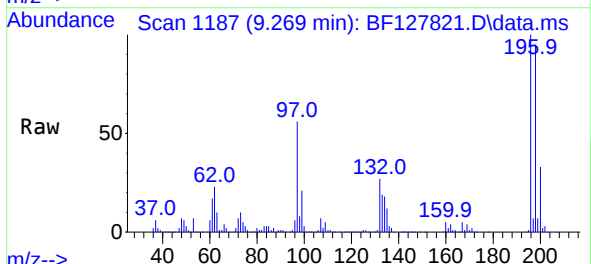
Tgt Ion:196 Resp: 345720
Ion Ratio Lower Upper
196 100
198 96.3 77.8 116.6
200 32.4 25.9 38.9

Manual Integrations
APPROVED

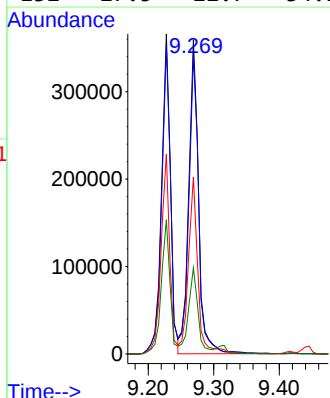
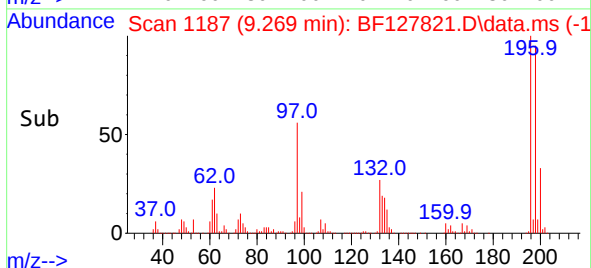
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

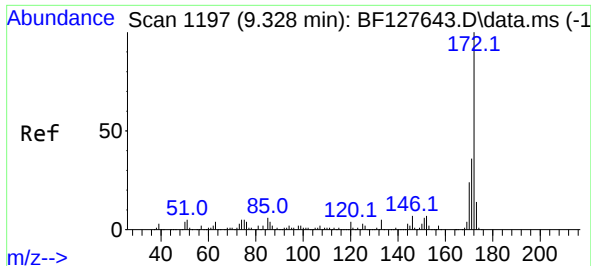


#44
2,4,5-Trichlorophenol
Concen: 46.594 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion:196 Resp: 374720
Ion Ratio Lower Upper
196 100
198 95.2 75.3 112.9
97 56.4 46.8 70.2
132 27.5 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 77.339 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

Tgt Ion:172 Resp: 195671

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

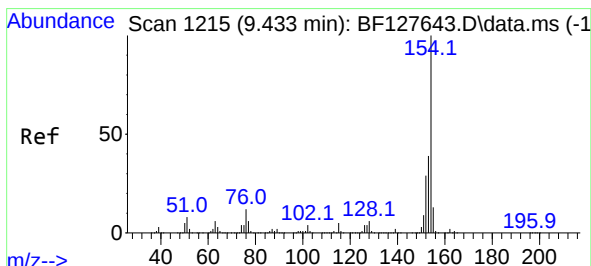
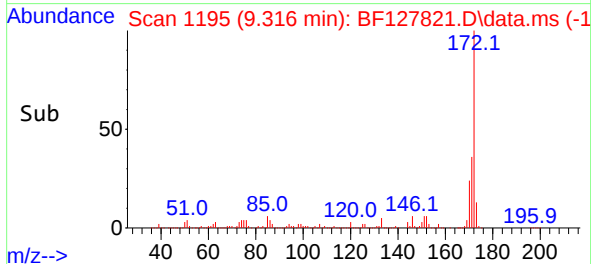
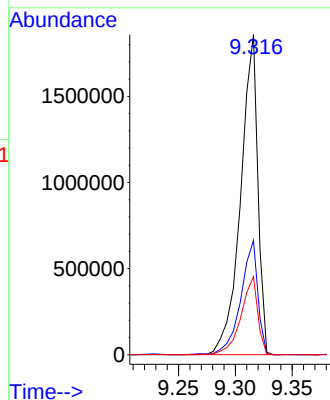
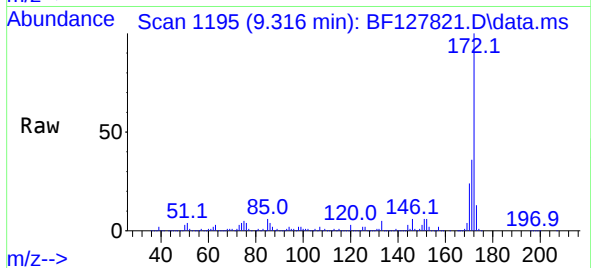
170 24.4 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#46

1,1'-Biphenyl

Concen: 43.433 ng

RT: 9.416 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

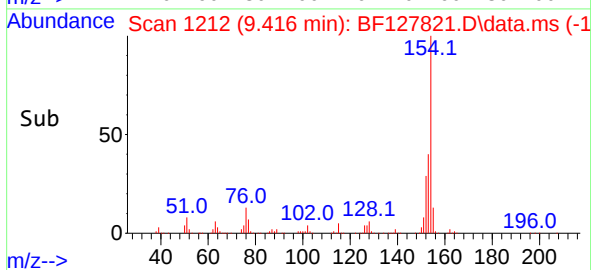
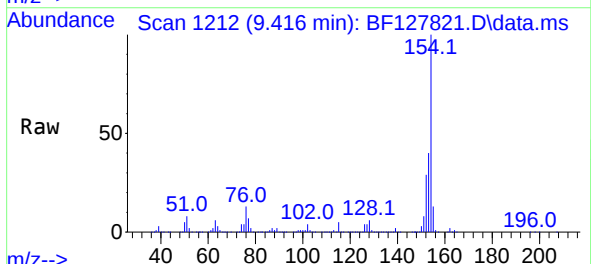
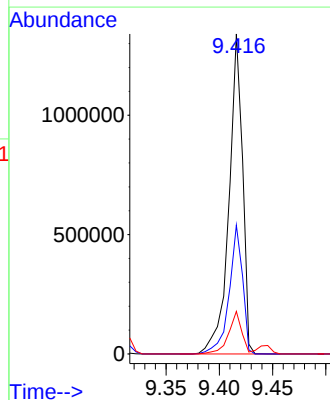
Tgt Ion:154 Resp: 1188876

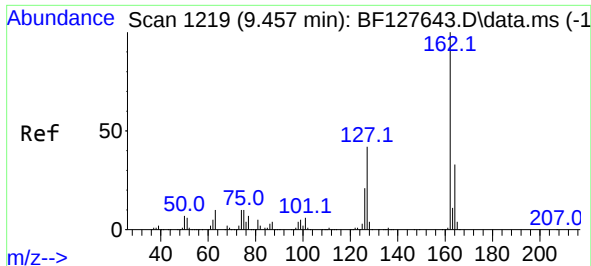
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.389 ng

RT: 9.445 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

Tgt Ion:162 Resp: 94383

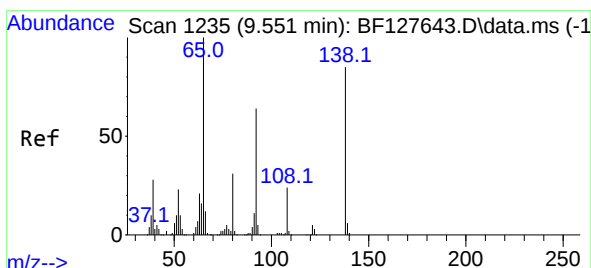
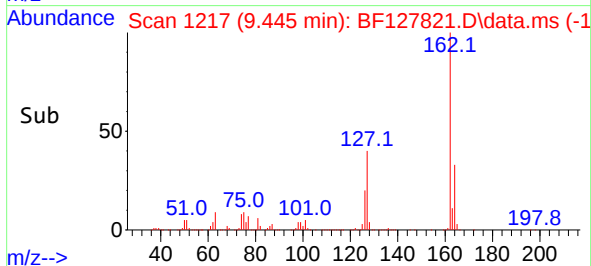
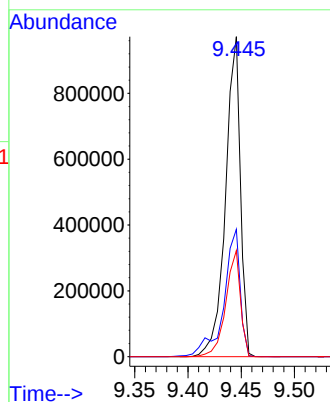
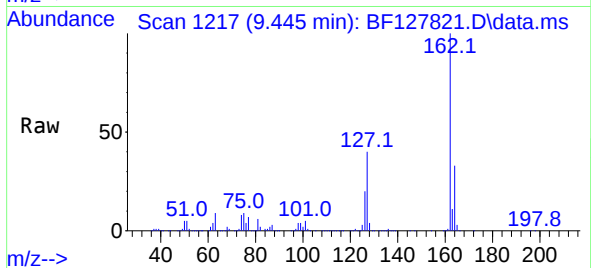
Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.8	47.6
164	33.1	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#48

2-Nitroaniline

Concen: 48.125 ng

RT: 9.539 min Scan# 1233

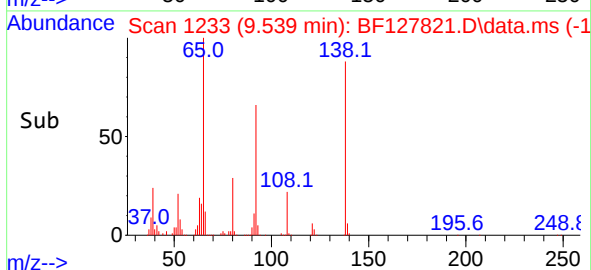
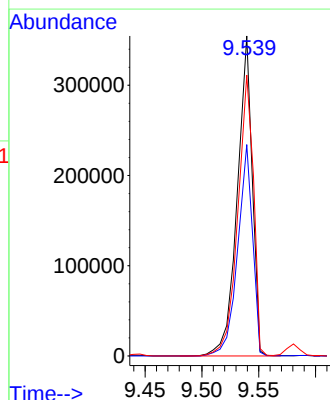
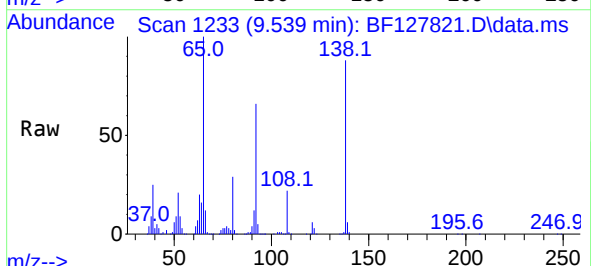
Delta R.T. -0.006 min

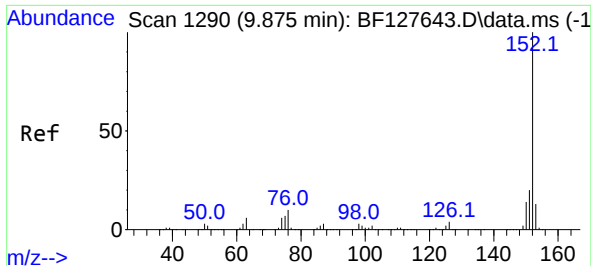
Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

Tgt Ion: 65 Resp: 325129

Ion	Ratio	Lower	Upper
65	100		
92	66.0	50.0	75.0
138	87.8	64.1	96.1





#49

Acenaphthylene

Concen: 45.658 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

Tgt Ion:152 Resp: 1510672

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

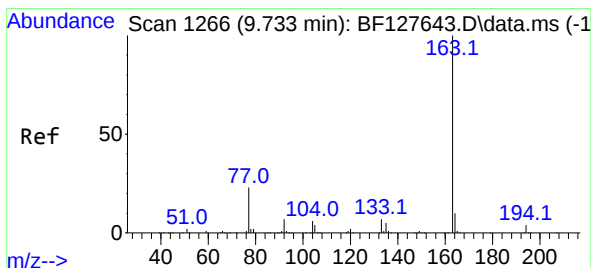
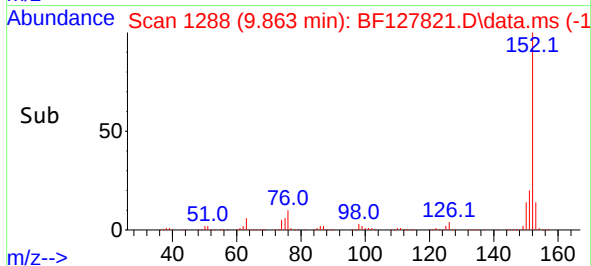
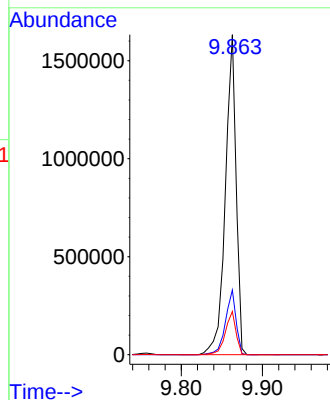
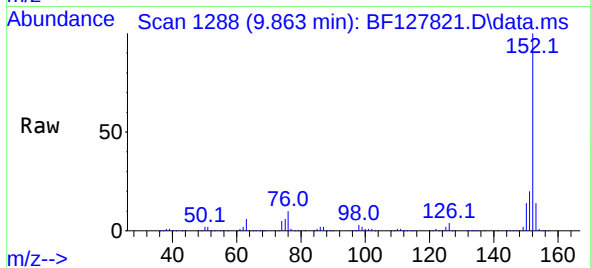
153 13.5 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022

Supervised By :Jagrut Upadhyay 04/19/2022



#50

Dimethylphthalate

Concen: 43.678 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF127821.D

Acq: 18 Apr 2022 11:28

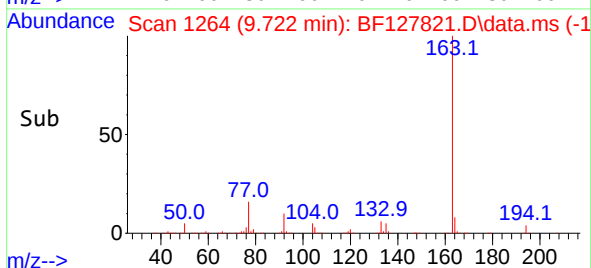
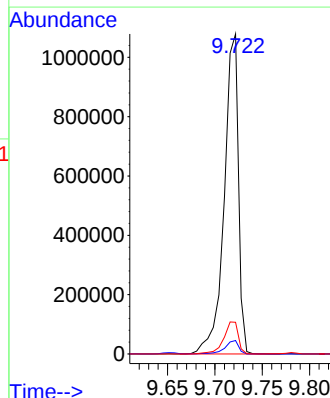
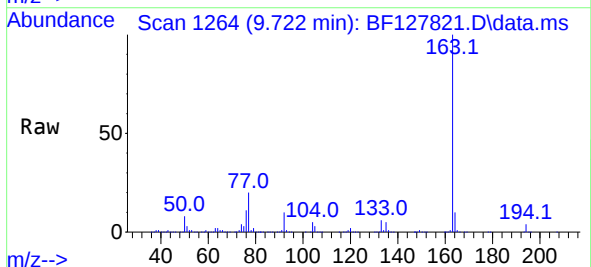
Tgt Ion:163 Resp: 1133165

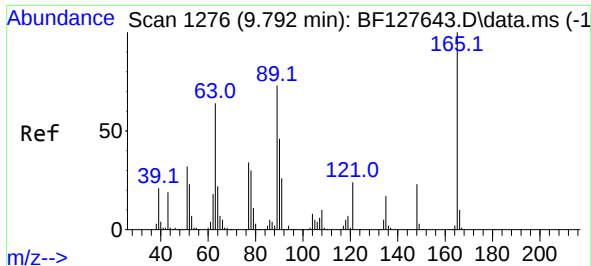
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 51.652 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

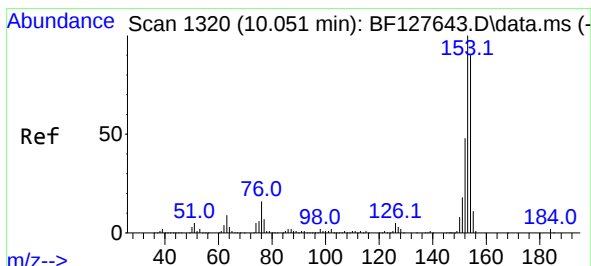
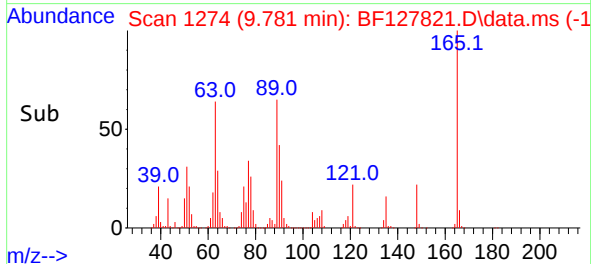
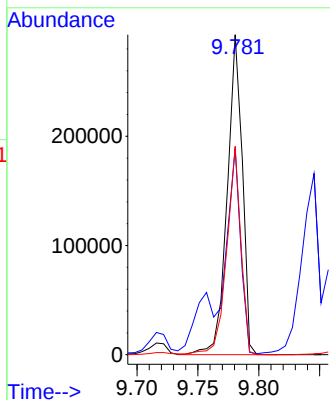
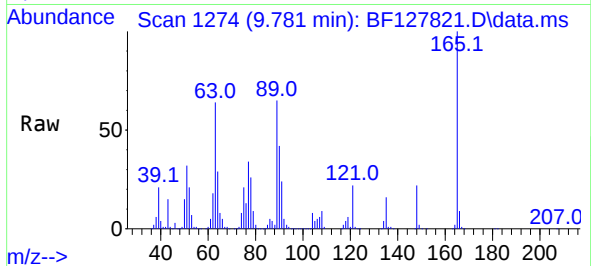
ClientSampleId :

PB144160BS

Tgt Ion:165 Resp: 25259
Ion Ratio Lower Upper
165 100
63 64.5 58.3 87.5
89 65.1 51.5 77.3

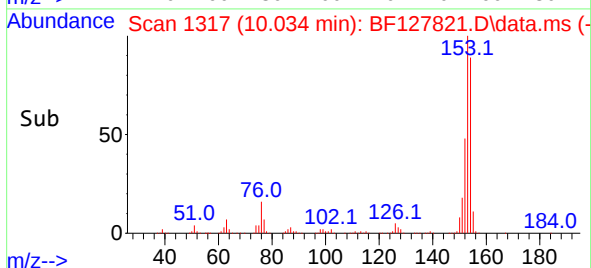
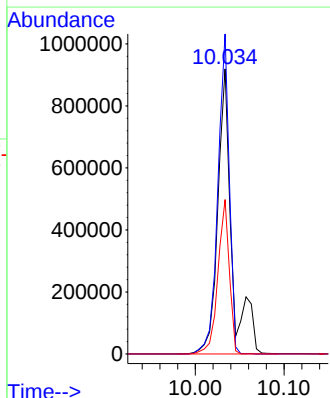
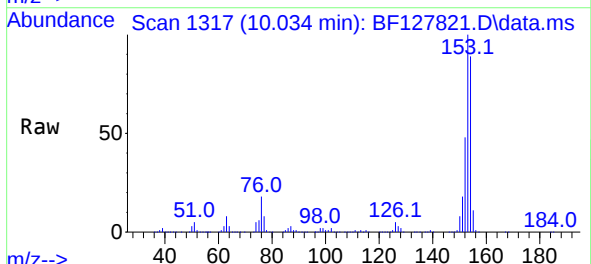
Manual Integrations
APPROVED

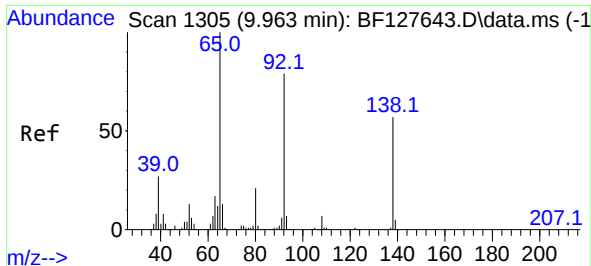
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#52
Acenaphthene
Concen: 48.639 ng m
RT: 10.034 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:154 Resp: 1013892
Ion Ratio Lower Upper
154 100
153 112.2 87.6 131.4
152 54.2 42.9 64.3





#53
3-Nitroaniline
Concen: 31.120 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

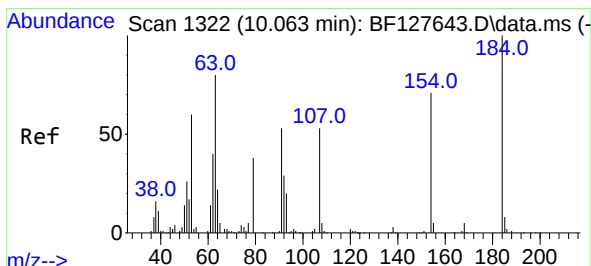
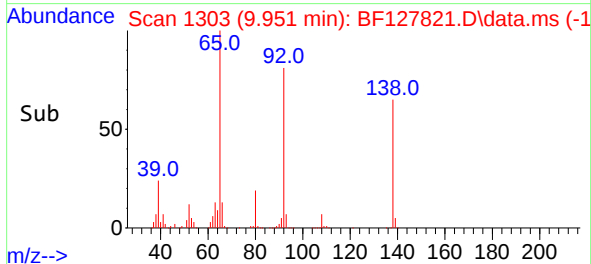
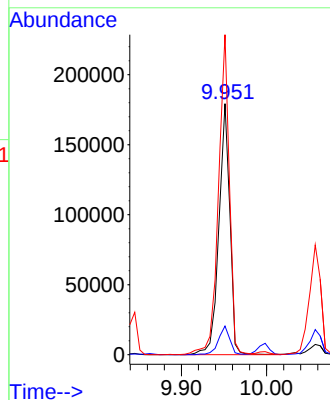
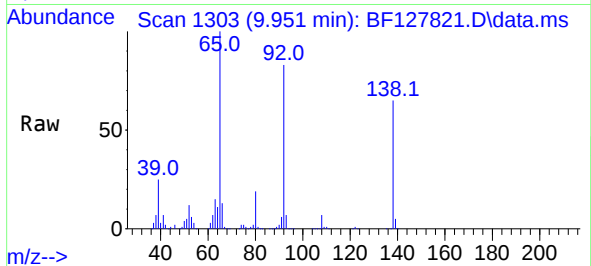
ClientSampleId :

PB144160BS

Tgt Ion:138 Resp: 16077
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 127.4 106.1 159.1

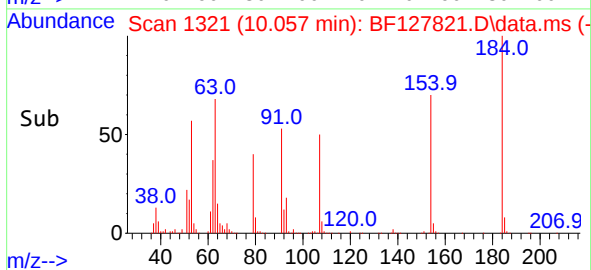
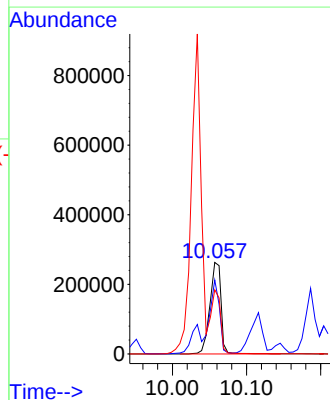
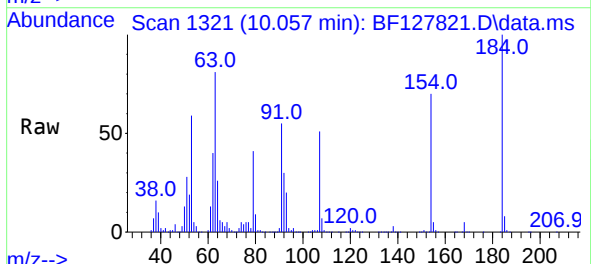
Manual Integrations
APPROVED

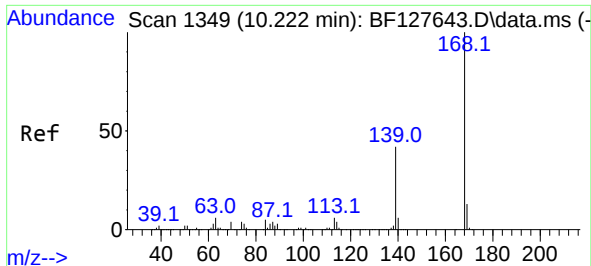
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#54
2,4-Dinitrophenol
Concen: 111.761 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:184 Resp: 276356
Ion Ratio Lower Upper
184 100
63 80.8 58.1 87.1
154 70.1 53.2 79.8





#55
Dibenzenofuran
Concen: 42.461 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

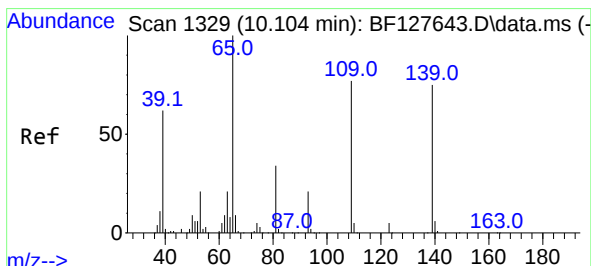
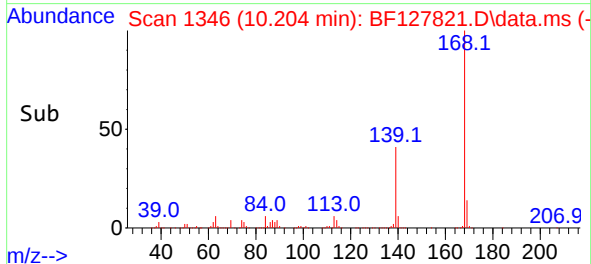
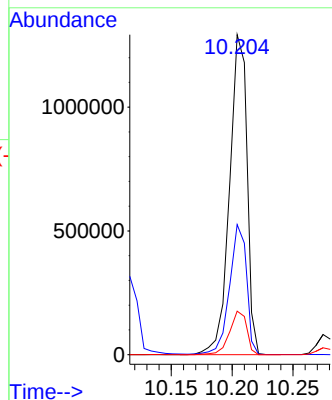
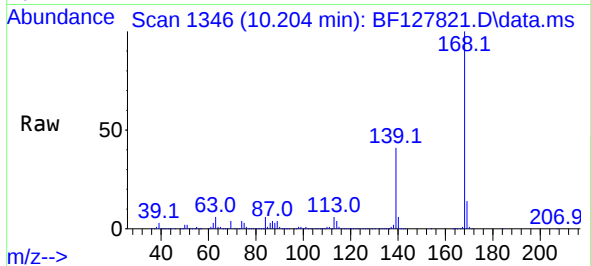
PB144160BS

Tgt Ion:168 Resp: 129162
Ion Ratio Lower Upper
168 100
139 40.7 30.3 45.5
169 13.6 10.8 16.2

Manual Integrations

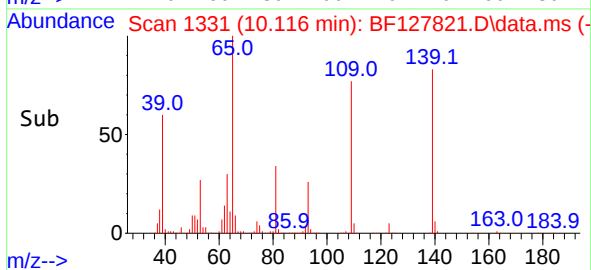
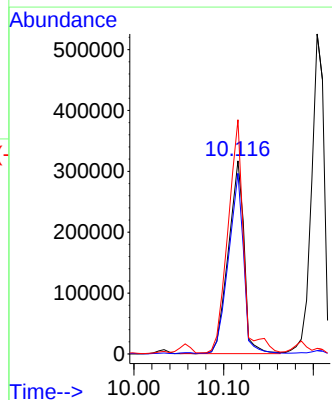
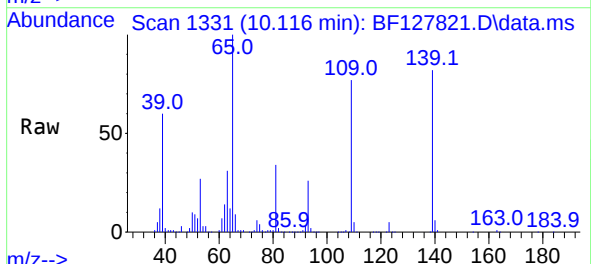
APPROVED

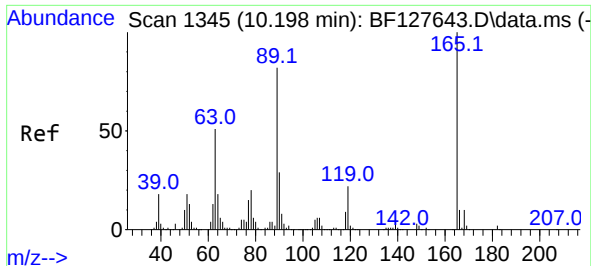
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#56
4-Nitrophenol
Concen: 94.719 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:139 Resp: 384354
Ion Ratio Lower Upper
139 100
109 93.5 64.3 104.3
65 121.3 117.5 157.5





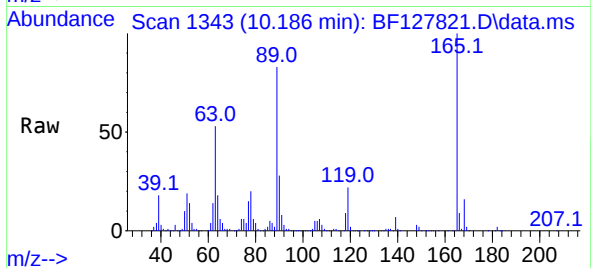
#57
2,4-Dinitrotoluene
Concen: 55.363 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

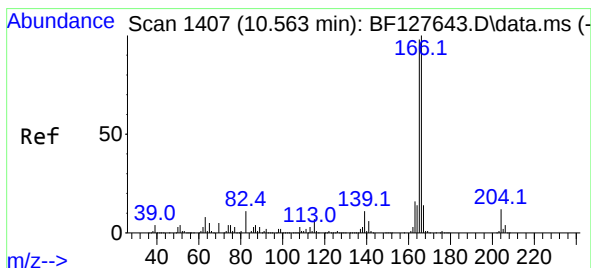
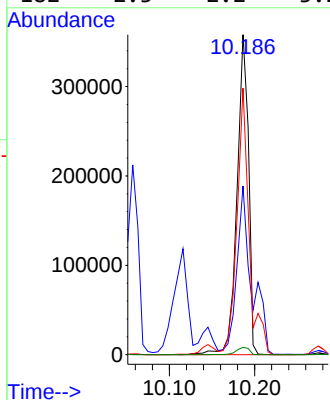
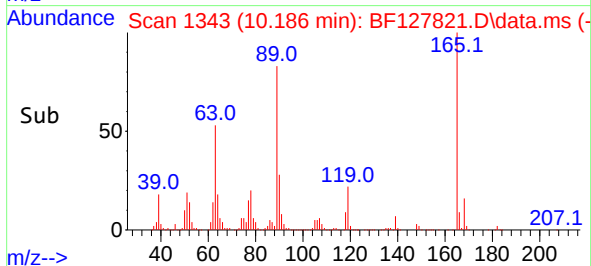


Tgt Ion:165 Resp: 335660
Ion Ratio Lower Upper
165 100
63 52.7 53.1 79.7
89 83.3 69.2 103.8
182 2.3 2.2 3.2

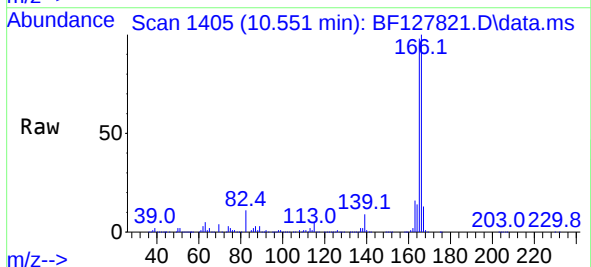
Manual Integrations

APPROVED

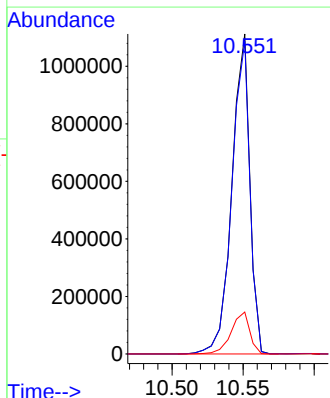
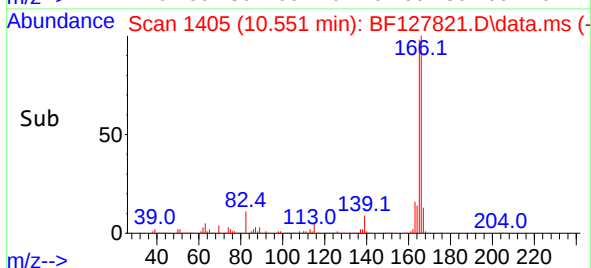
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

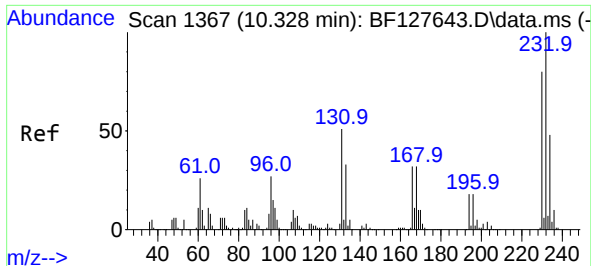


#58
Fluorene
Concen: 43.416 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



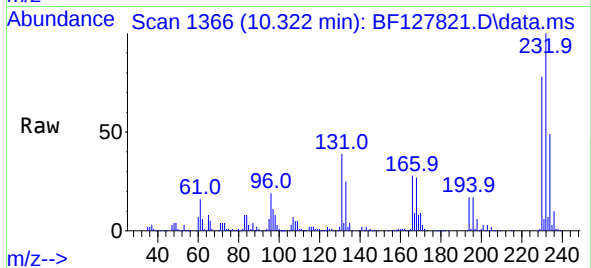
Tgt Ion:166 Resp: 975808
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.923 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

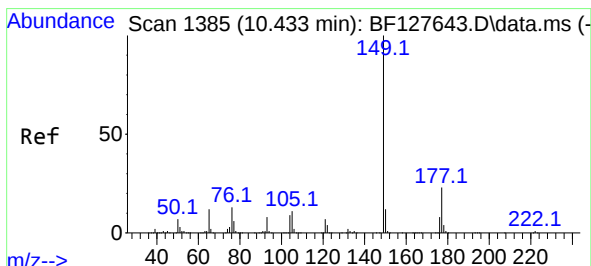
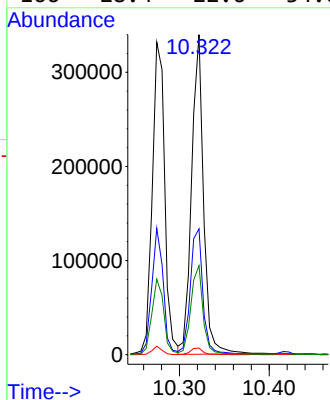
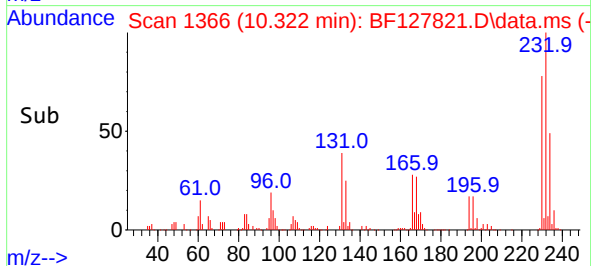
Instrument :
BNA_F
ClientSampleId :
PB144160BS



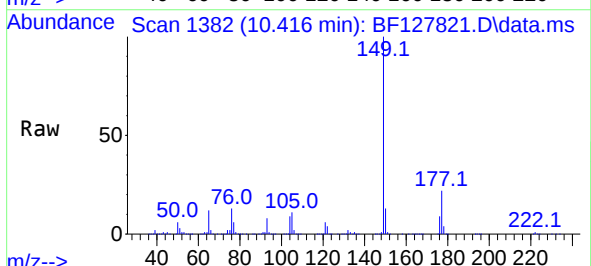
Tgt Ion:232 Resp: 314809
Ion Ratio Lower Upper
232 100
131 41.4 33.4 50.0
130 2.2 1.8 2.6
166 28.4 22.6 34.0

Manual Integrations
APPROVED

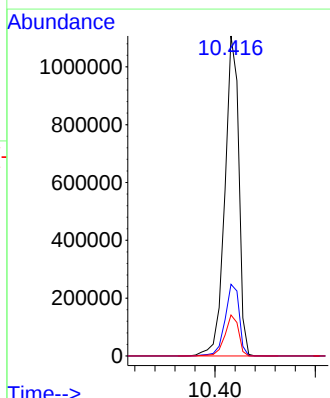
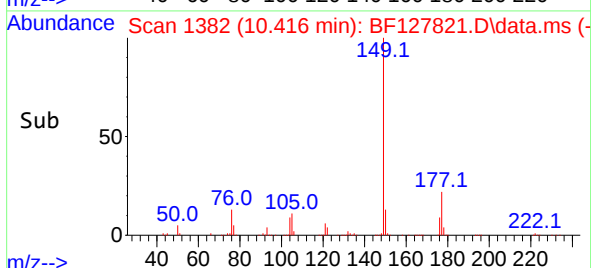
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

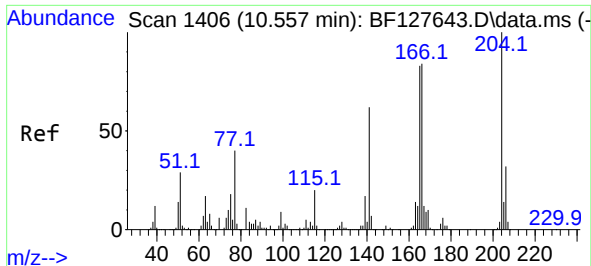


#60
Diethylphthalate
Concen: 42.934 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion:149 Resp: 1065898
Ion Ratio Lower Upper
149 100
177 22.4 18.9 28.3
150 12.8 10.0 15.0





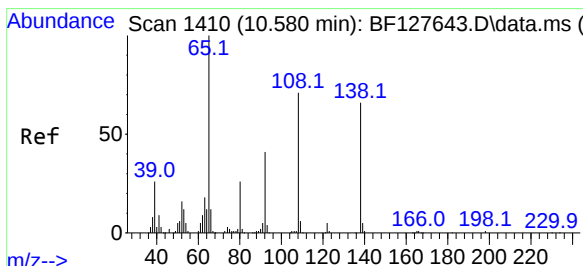
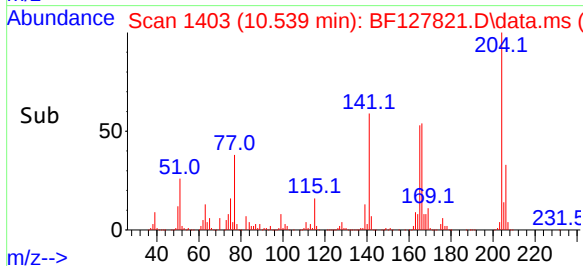
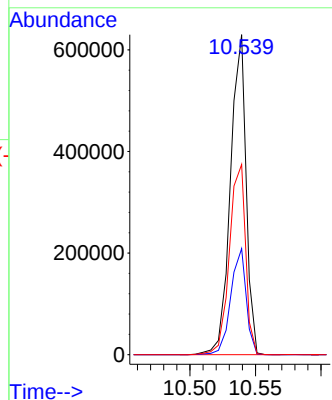
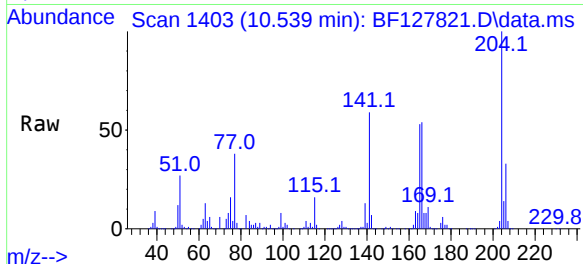
#61
4-Chlorophenyl-phenylether
Concen: 42.395 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:204 Resp: 523554
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 59.4 47.8 71.8

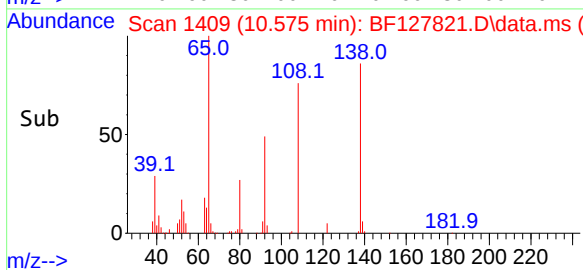
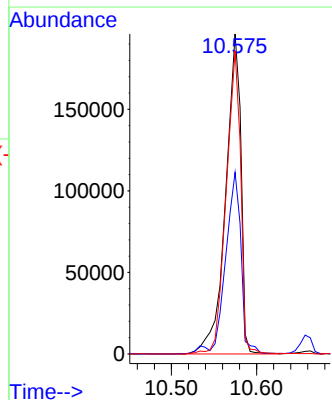
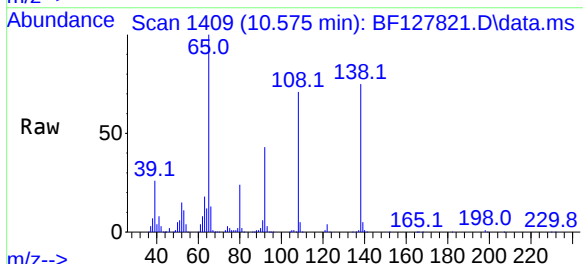
Manual Integrations
APPROVED

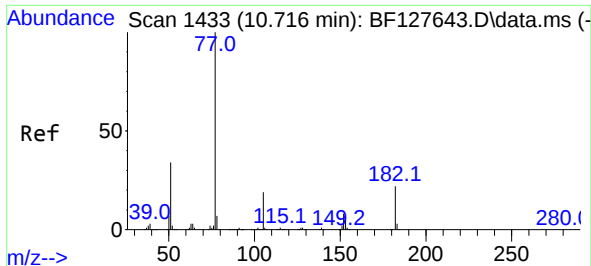
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#62
4-Nitroaniline
Concen: 50.189 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

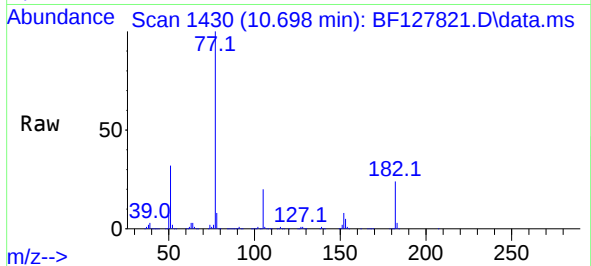
Tgt Ion:138 Resp: 244198
Ion Ratio Lower Upper
138 100
92 56.8 40.5 80.5
108 94.7 69.2 109.2





#63
Azobenzene
Concen: 39.927 ng
RT: 10.698 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

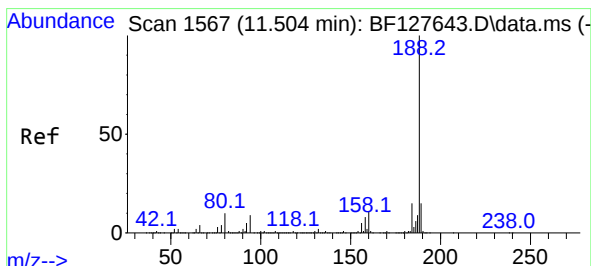
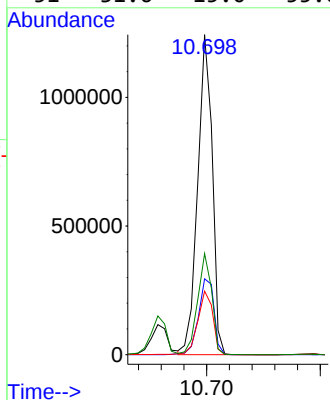
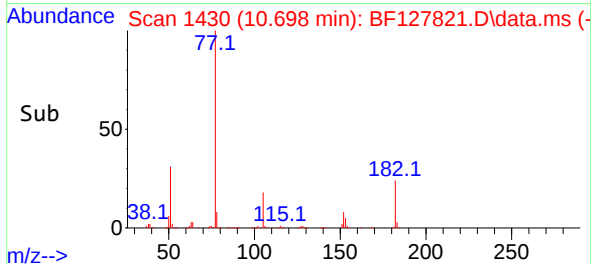
Instrument :
BNA_F
ClientSampleId :
PB144160BS



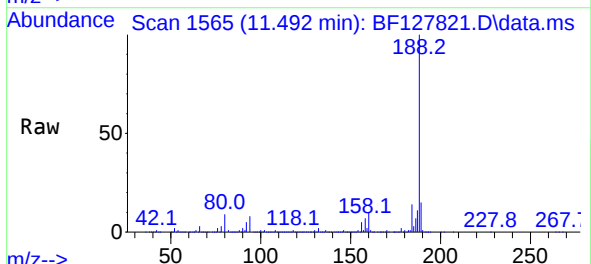
Tgt Ion: 77 Resp: 1107611
Ion Ratio Lower Upper
77 100
182 23.7 4.5 44.5
105 19.9 0.3 40.3
51 31.6 15.0 55.0

Manual Integrations
APPROVED

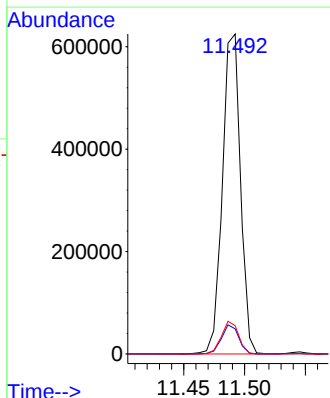
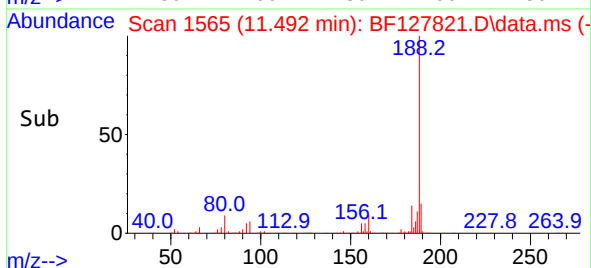
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

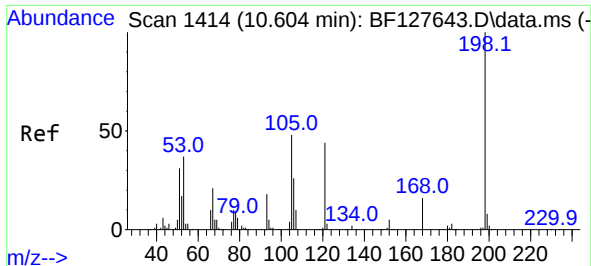


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion:188 Resp: 645376
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.9 8.0 12.0





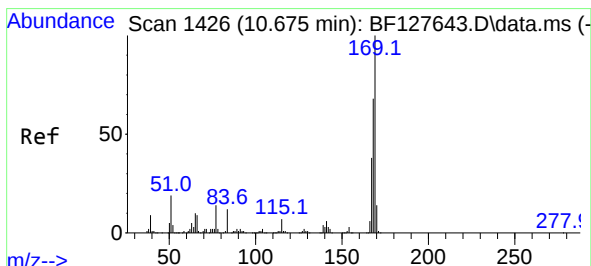
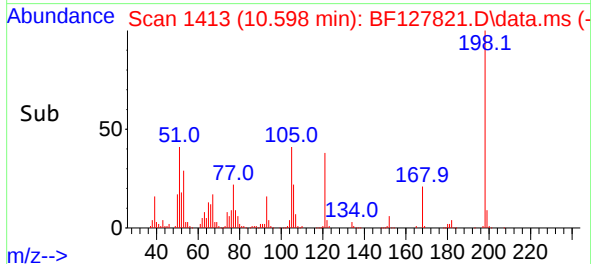
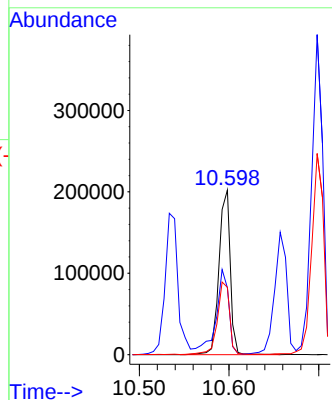
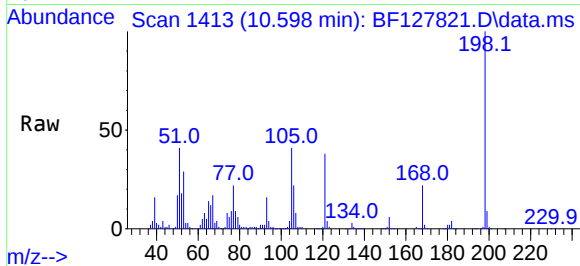
#65
4,6-Dinitro-2-methylphenol
Concen: 56.687 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:198 Resp: 176704
Ion Ratio Lower Upper
198 100
51 40.6 42.7 82.7
105 40.9 25.4 65.4

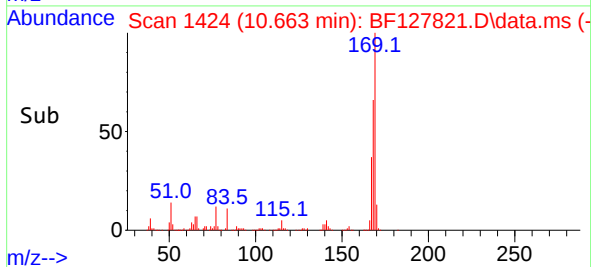
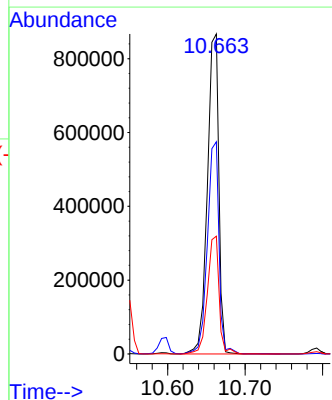
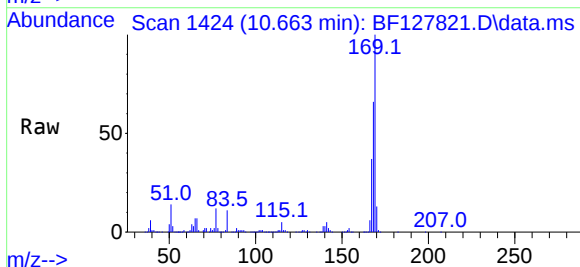
Manual Integrations
APPROVED

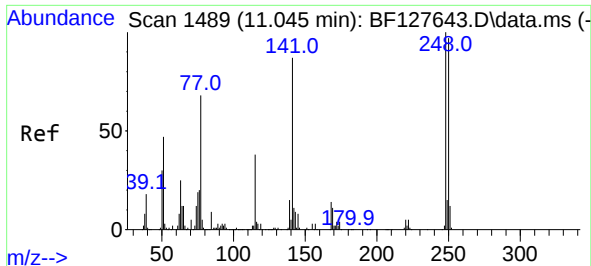
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#66
n-Nitrosodiphenylamine
Concen: 43.682 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:169 Resp: 887874
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 36.8 28.9 43.3





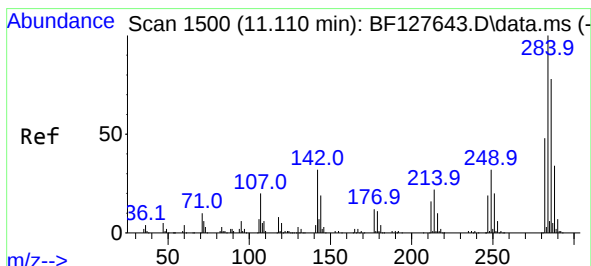
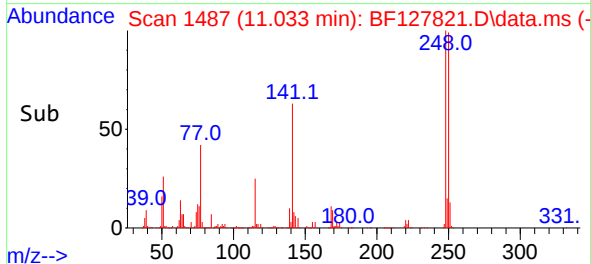
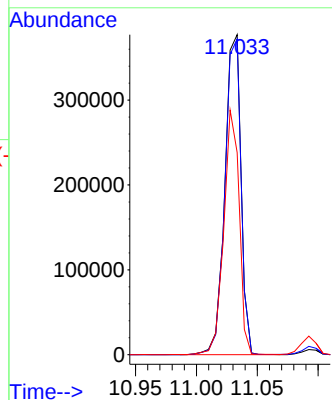
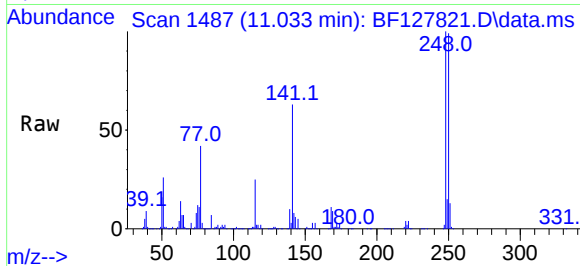
#67
4-Bromophenyl-phenylether
Concen: 44.530 ng
RT: 11.033 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:248 Resp: 348785
Ion Ratio Lower Upper
248 100
250 98.6 76.6 115.0
141 63.1 52.2 78.2

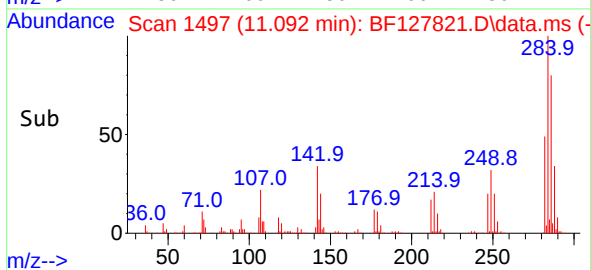
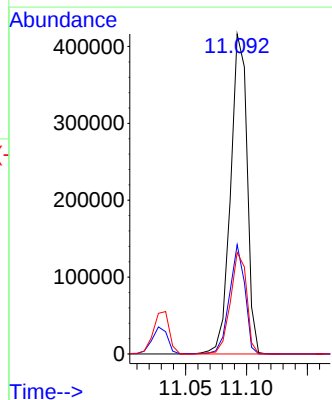
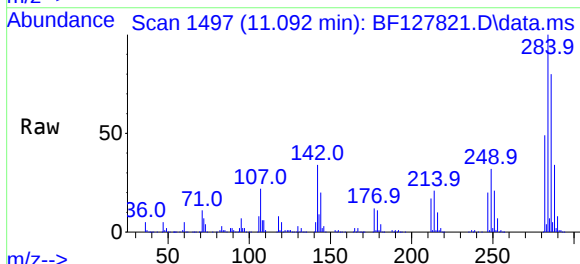
Manual Integrations
APPROVED

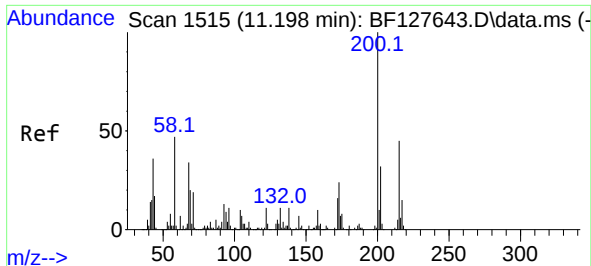
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#68
Hexachlorobenzene
Concen: 45.893 ng
RT: 11.092 min Scan# 1497
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

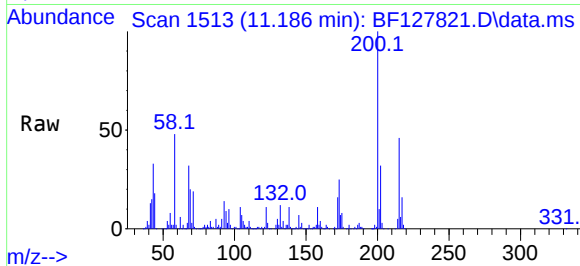
Tgt Ion:284 Resp: 392943
Ion Ratio Lower Upper
284 100
142 34.2 23.8 35.8
249 31.7 23.9 35.9





#69
Atrazine
Concen: 50.673 ng
RT: 11.186 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

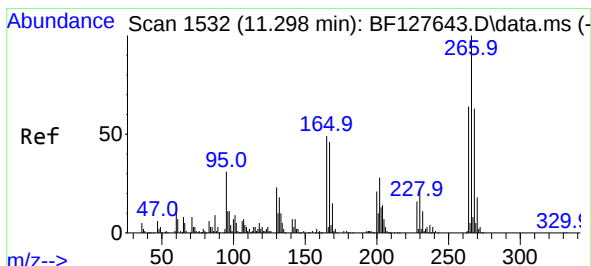
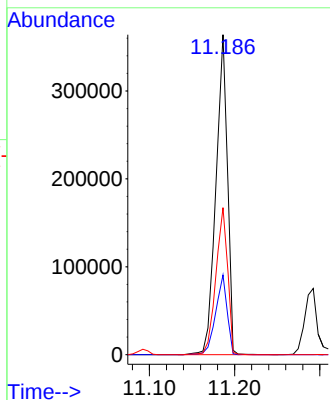
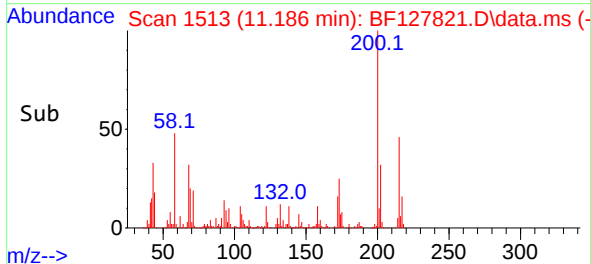
Instrument :
BNA_F
ClientSampleId :
PB144160BS



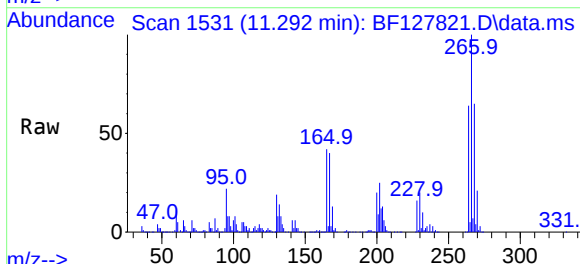
Tgt Ion:200 Resp: 342204
Ion Ratio Lower Upper
200 100
173 24.9 2.9 42.9
215 46.0 28.0 68.0

Manual Integrations
APPROVED

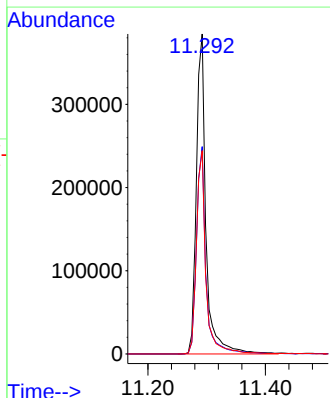
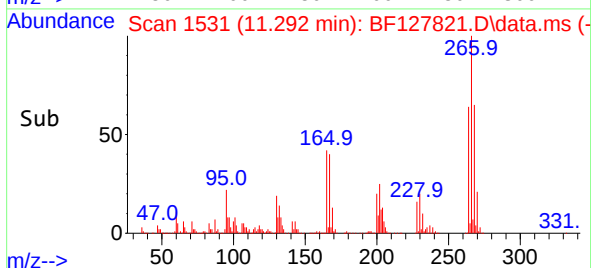
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

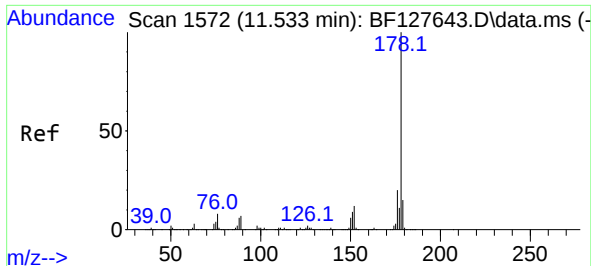


#70
Pentachlorophenol
Concen: 85.296 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28



Tgt Ion:266 Resp: 436183
Ion Ratio Lower Upper
266 100
268 64.8 50.4 75.6
264 63.5 48.5 72.7





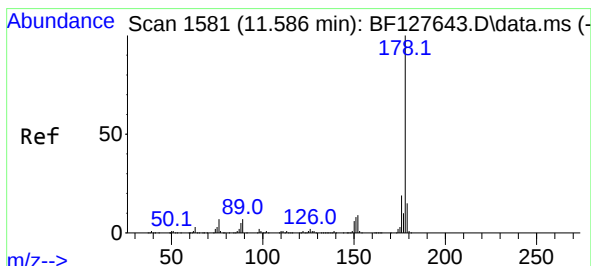
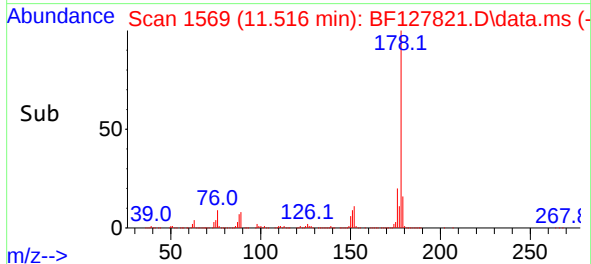
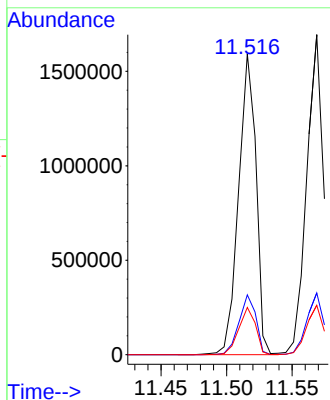
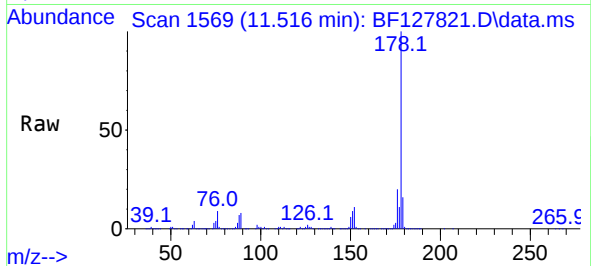
#71
Phenanthrene
Concen: 43.128 ng
RT: 11.516 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:178 Resp: 1474711
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.7 12.4 18.6

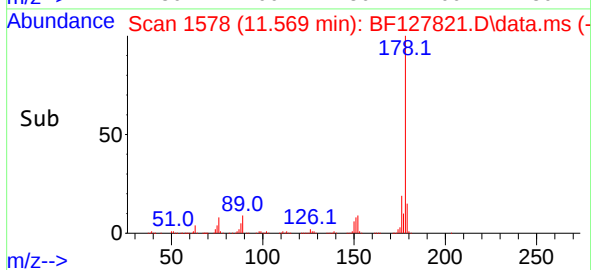
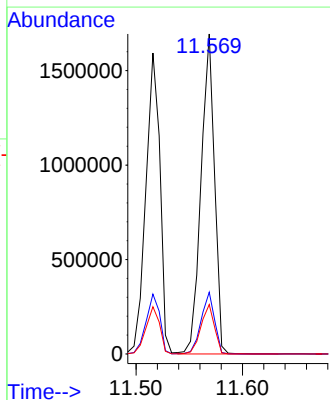
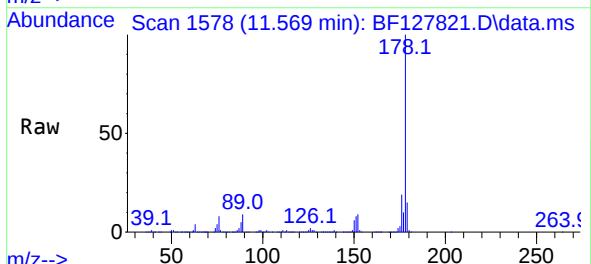
Manual Integrations
APPROVED

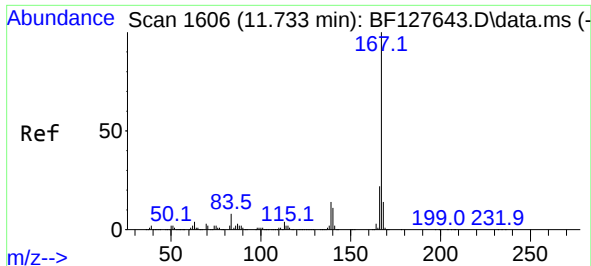
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#72
Anthracene
Concen: 44.202 ng
RT: 11.569 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

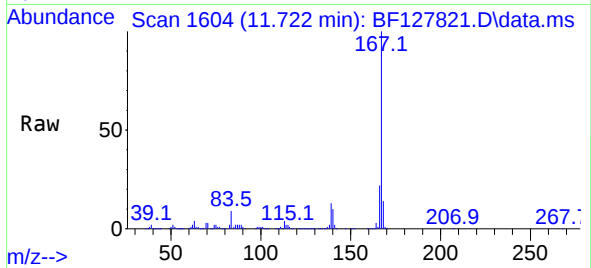
Tgt Ion:178 Resp: 1495083
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 42.563 ng
 RT: 11.722 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF127821.D
 Acq: 18 Apr 2022 11:28

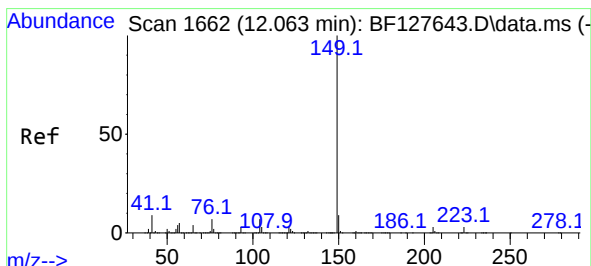
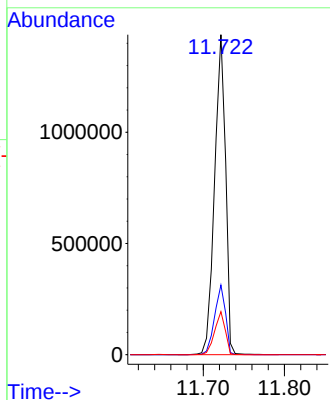
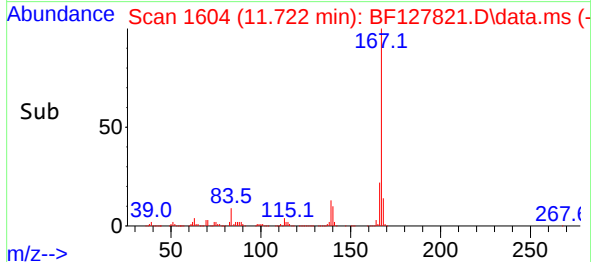
Instrument :
 BNA_F
 ClientSampleId :
 PB144160BS



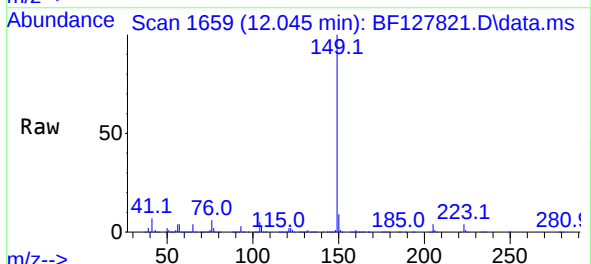
Tgt Ion:167 Resp: 1348974
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 13.5 10.5 15.7

Manual Integrations
 APPROVED

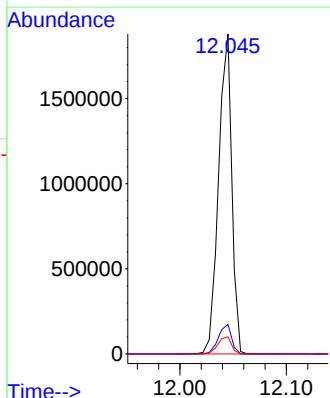
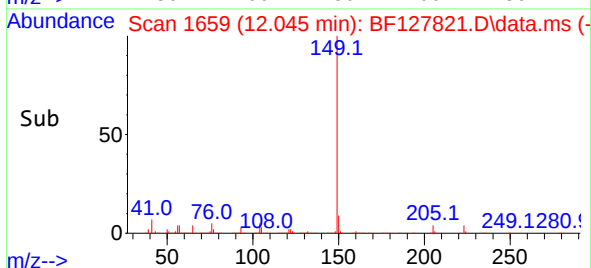
Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022

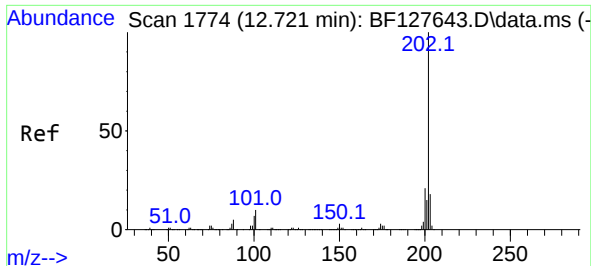


#74
 Di-n-butylphthalate
 Concen: 42.729 ng
 RT: 12.045 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: BF127821.D
 Acq: 18 Apr 2022 11:28



Tgt Ion:149 Resp: 1618898
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.4 4.2 6.2





#75
Fluoranthene
Concen: 44.191 ng
RT: 12.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

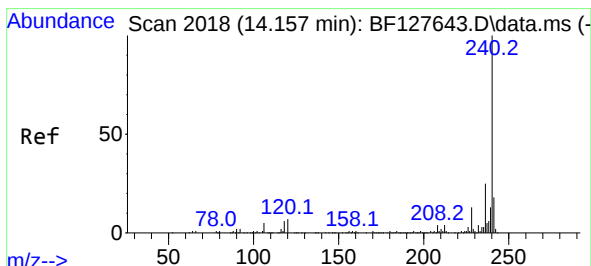
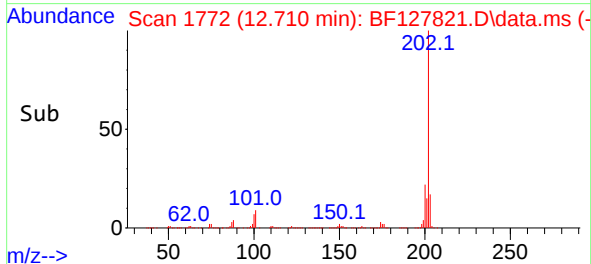
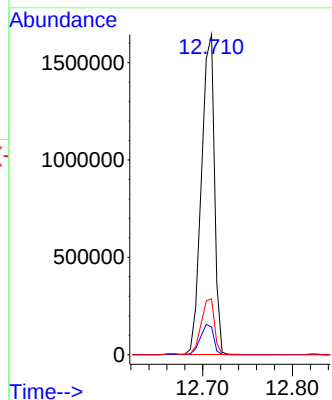
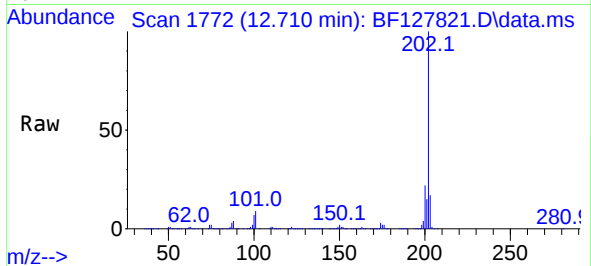
PB144160BS

Tgt Ion:202 Resp: 164893
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.0
203 17.5 0.0 37.7

Manual Integrations

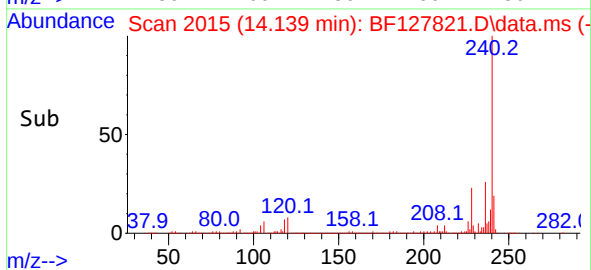
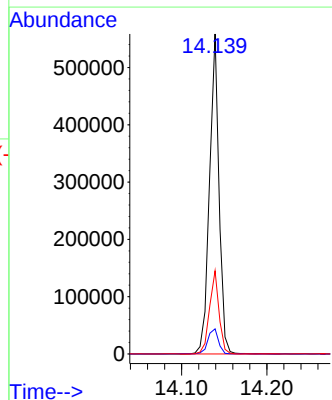
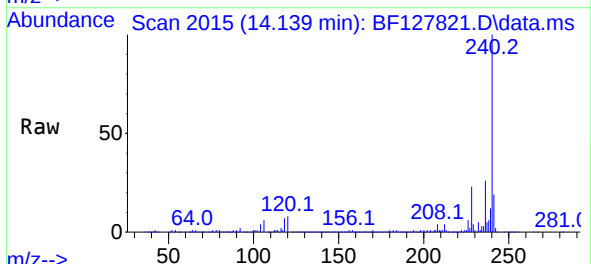
APPROVED

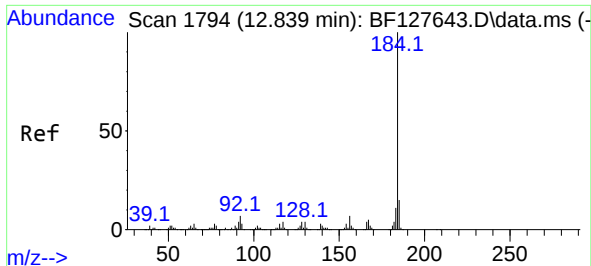
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:240 Resp: 433483
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.0 20.7 31.1





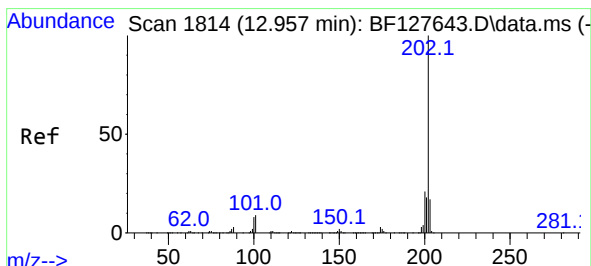
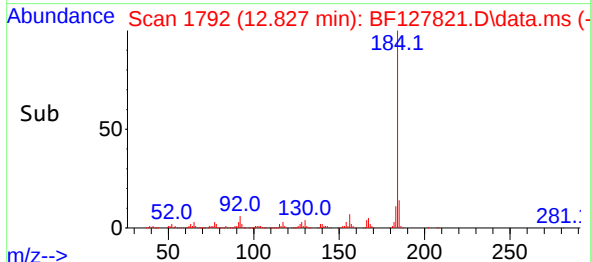
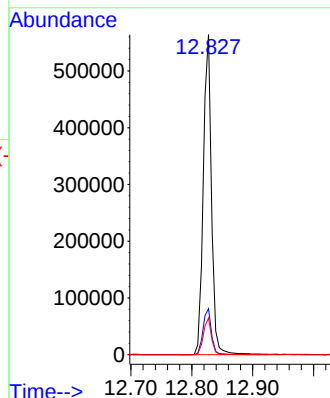
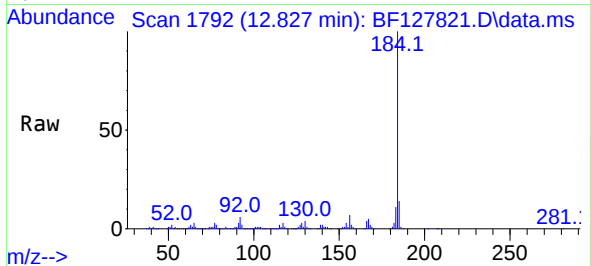
#77
Benzidine
Concen: 46.664 ng
RT: 12.827 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:184 Resp: 527960
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 11.5 9.4 14.0

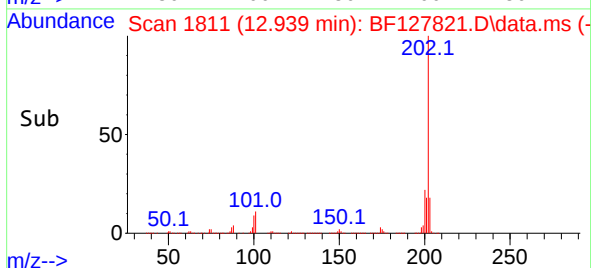
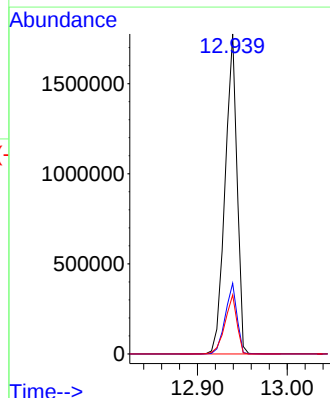
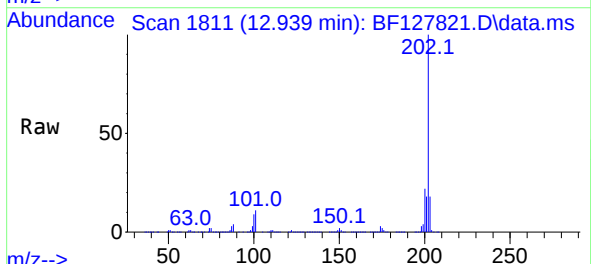
Manual Integrations
APPROVED

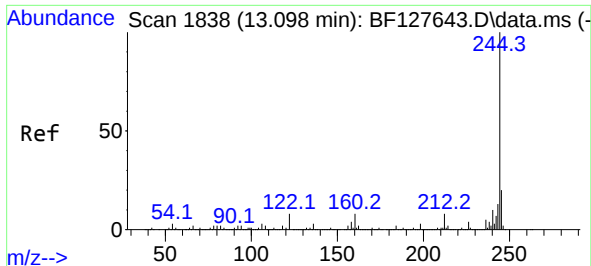
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#78
Pyrene
Concen: 44.777 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:202 Resp: 1639040
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.5 14.3 21.5





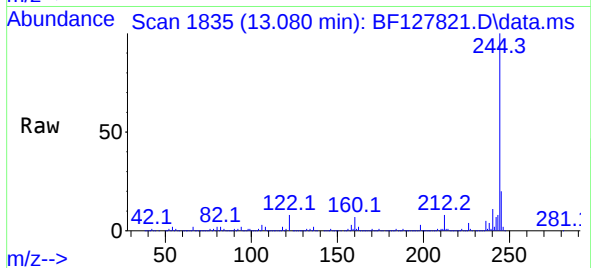
#79
 Terphenyl-d14
 Concen: 83.295 ng
 RT: 13.080 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127821.D
 Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

PB144160BS

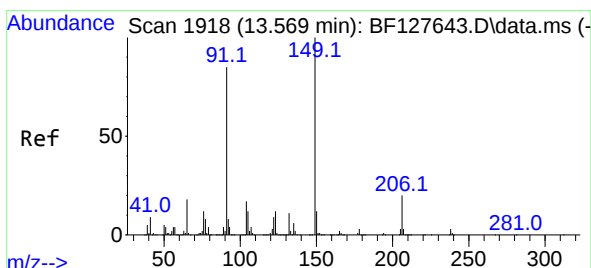
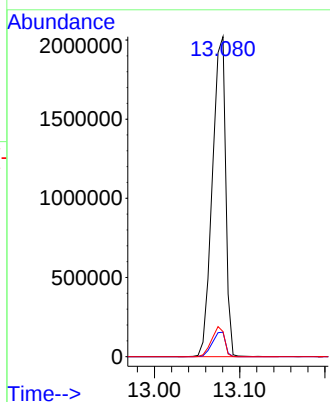
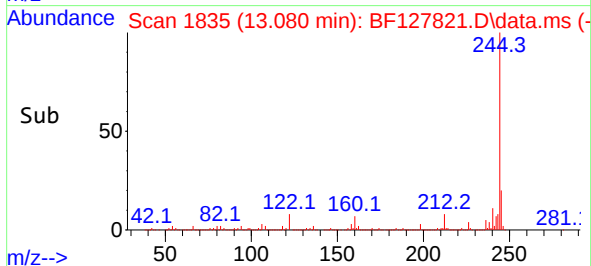


Tgt Ion:244 Resp: 218750
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 7.9 6.2 9.2

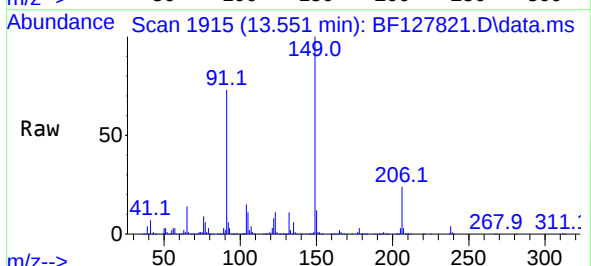
Manual Integrations

APPROVED

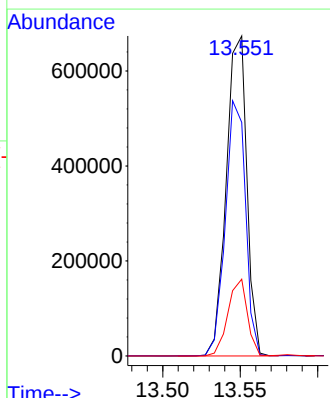
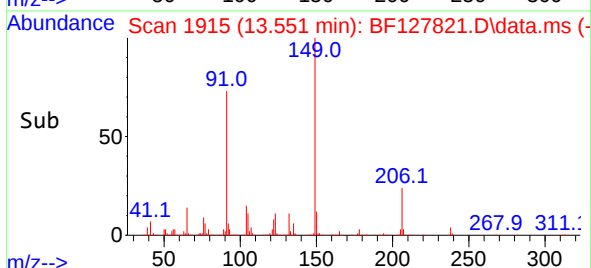
Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022

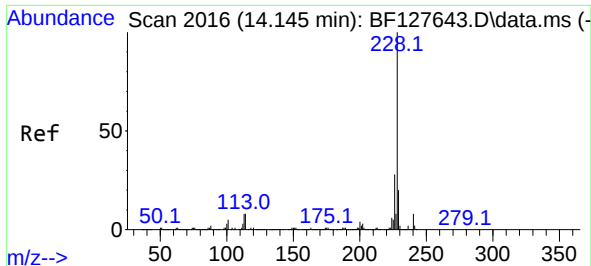


#80
 Butylbenzylphthalate
 Concen: 45.766 ng
 RT: 13.551 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BF127821.D
 Acq: 18 Apr 2022 11:28



Tgt Ion:149 Resp: 623752
 Ion Ratio Lower Upper
 149 100
 91 73.0 69.1 103.7
 206 24.0 17.7 26.5





#81
Benzo(a)anthracene
Concen: 46.715 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

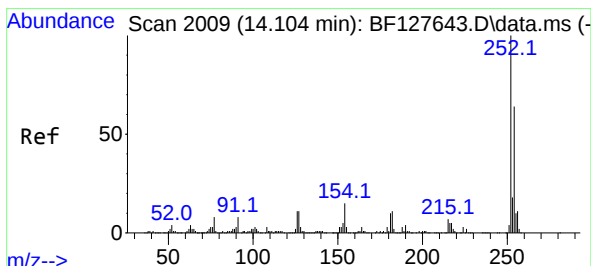
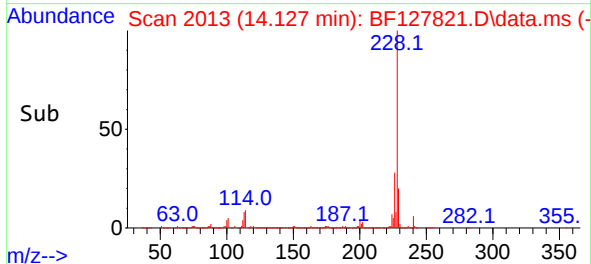
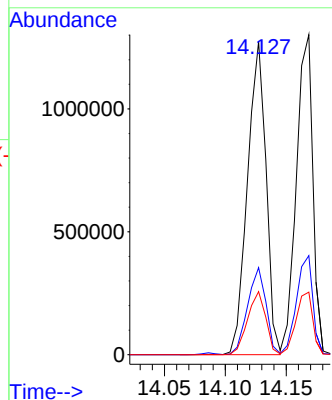
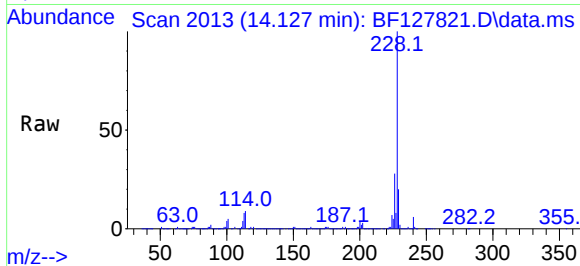
PB144160BS

Tgt Ion:228 Resp: 1352478
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.1 15.4 23.2

Manual Integrations

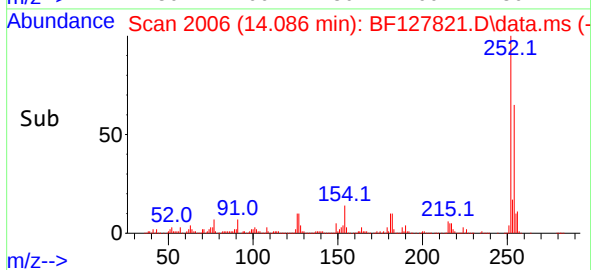
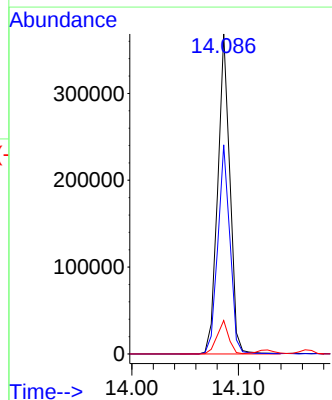
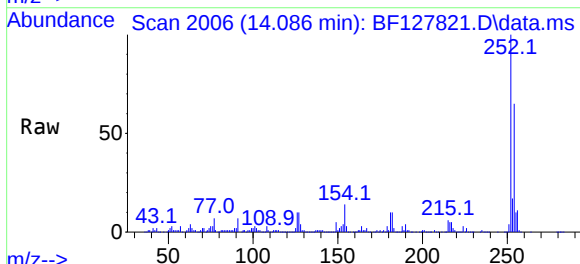
APPROVED

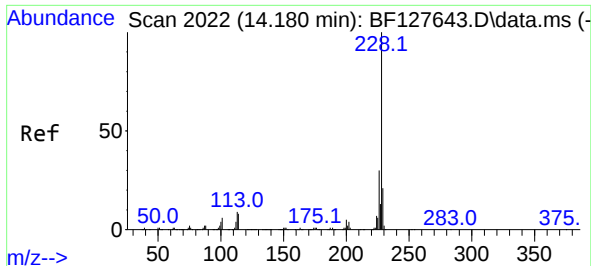
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 32.226 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:252 Resp: 290872
Ion Ratio Lower Upper
252 100
254 65.3 50.2 75.4
126 10.5 8.7 13.1





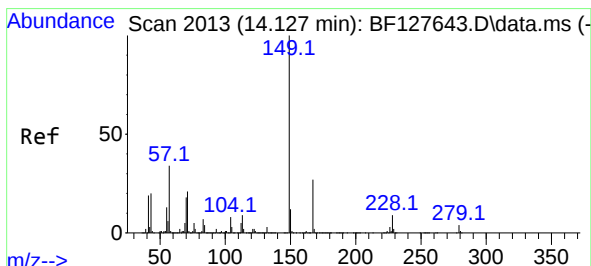
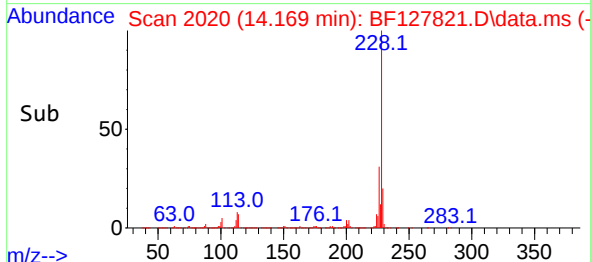
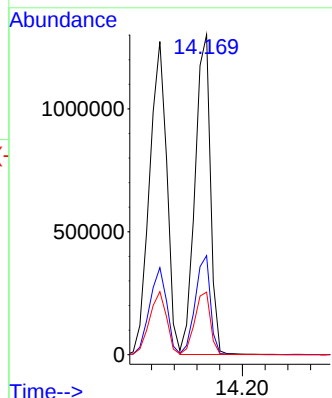
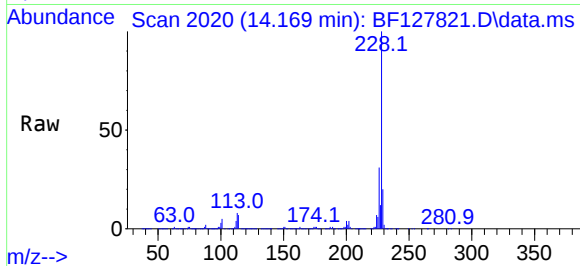
#83
Chrysene
Concen: 44.027 ng
RT: 14.169 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:228 Resp: 1223564
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 19.6 15.4 23.2

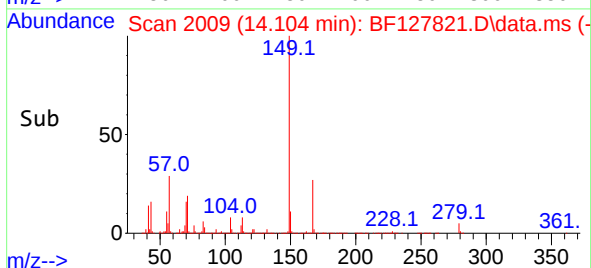
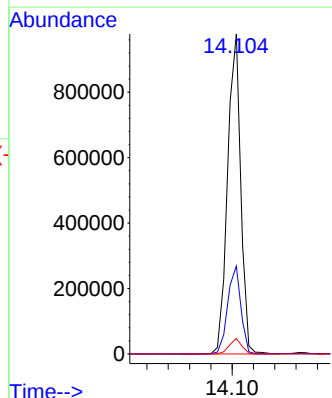
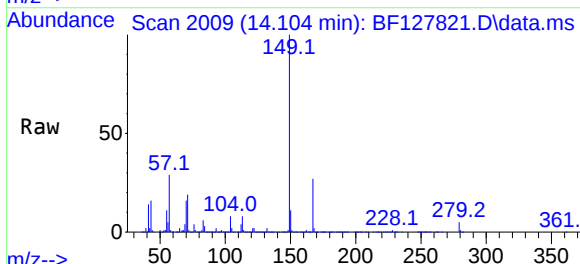
Manual Integrations
APPROVED

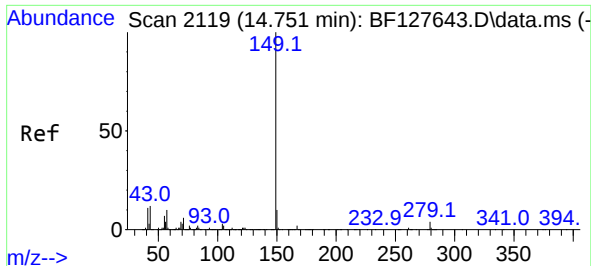
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.529 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

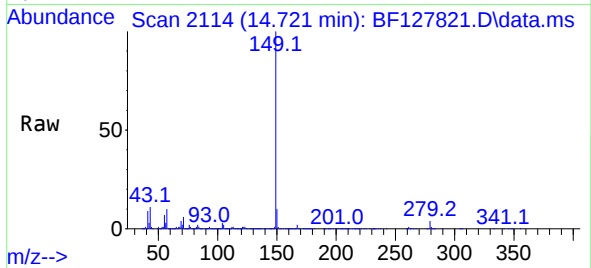
Tgt Ion:149 Resp: 836240
Ion Ratio Lower Upper
149 100
167 27.5 22.9 34.3
279 4.8 3.2 4.8#





#85
Di-n-octyl phthalate
Concen: 45.291 ng
RT: 14.721 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

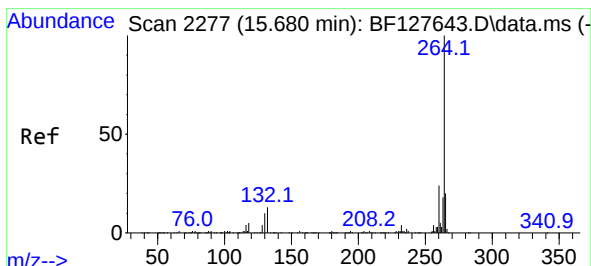
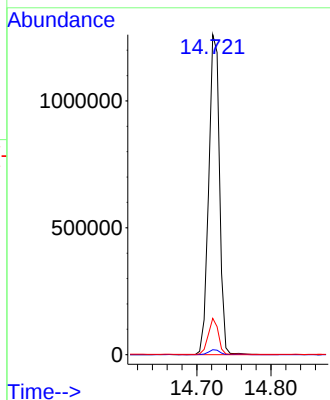
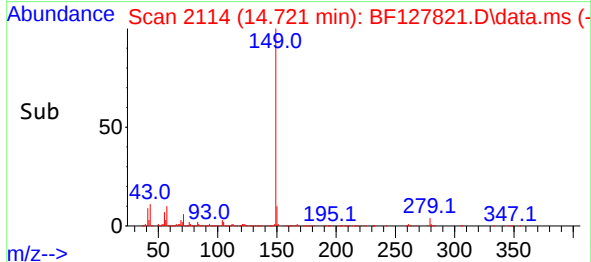
Instrument :
BNA_F
ClientSampleId :
PB144160BS



Tgt Ion:149 Resp: 127222
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 11.0 16.6

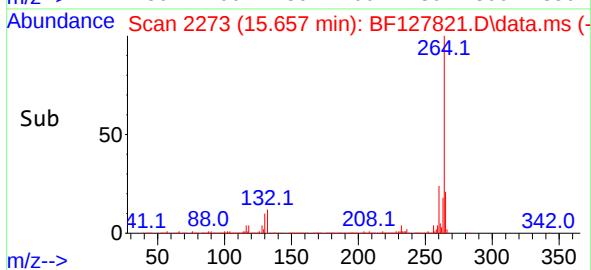
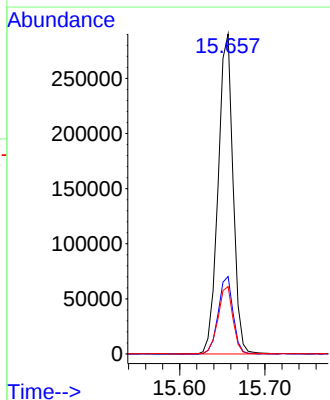
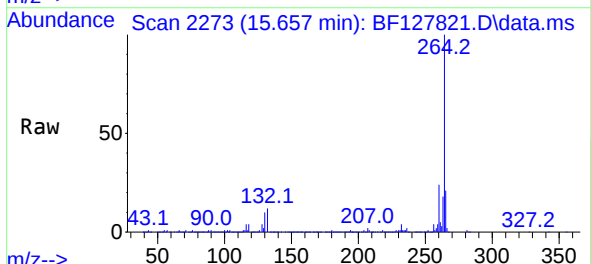
Manual Integrations
APPROVED

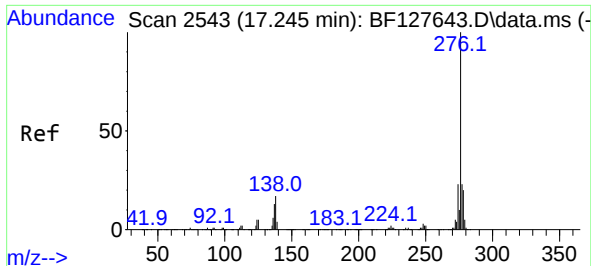
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:264 Resp: 353025
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.265 ng
RT: 17.215 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

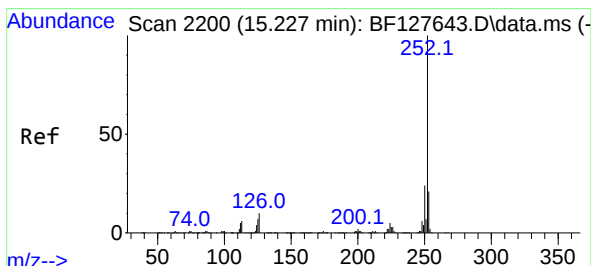
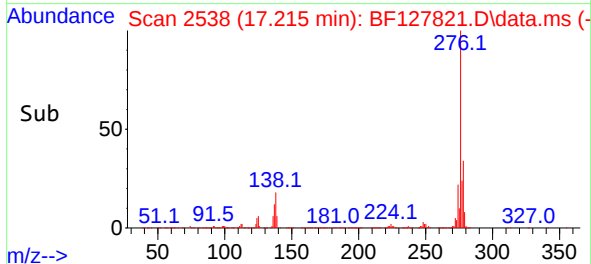
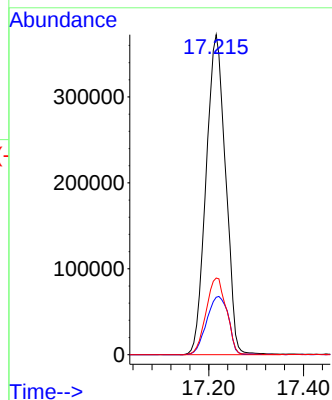
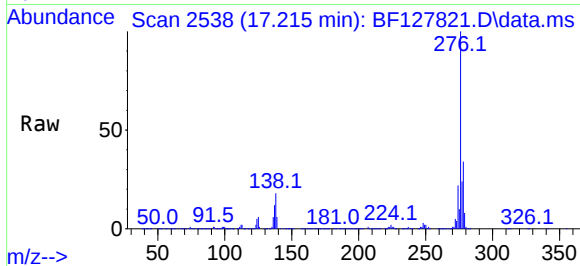
PB144160BS

Tgt Ion:276 Resp: 1064578
Ion Ratio Lower Upper
276 100
138 20.3 17.1 25.7
277 25.0 19.9 29.9

Manual Integrations

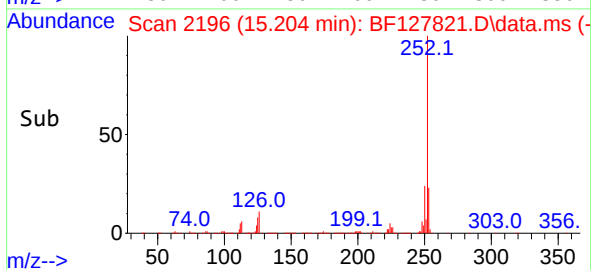
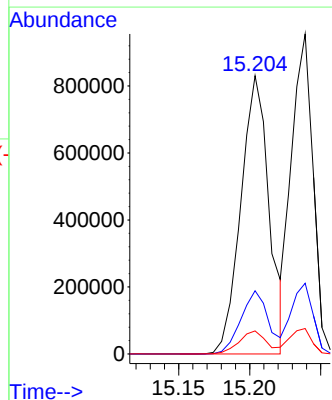
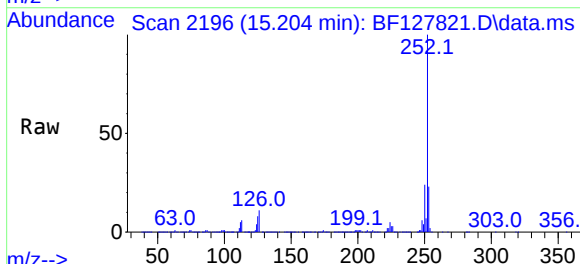
APPROVED

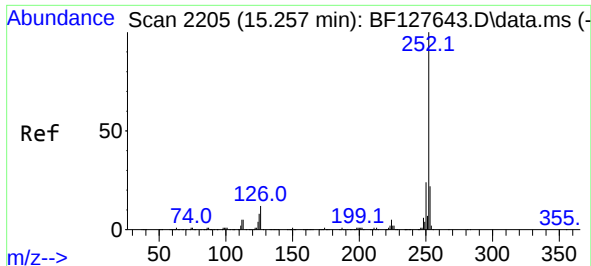
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#88
Benzo(b)fluoranthene
Concen: 50.756 ng
RT: 15.204 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:252 Resp: 1152666
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.3 7.0 10.4





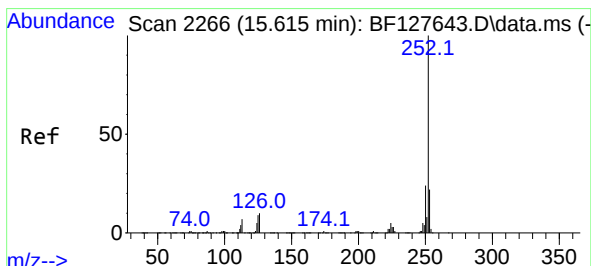
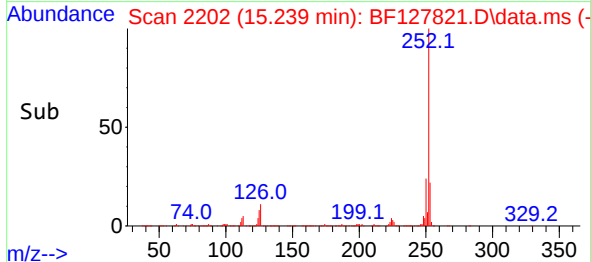
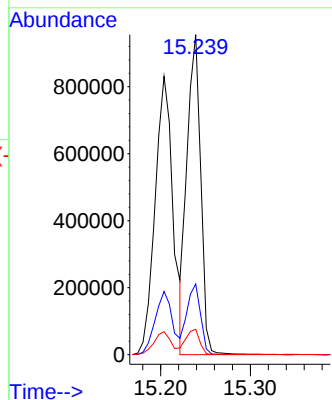
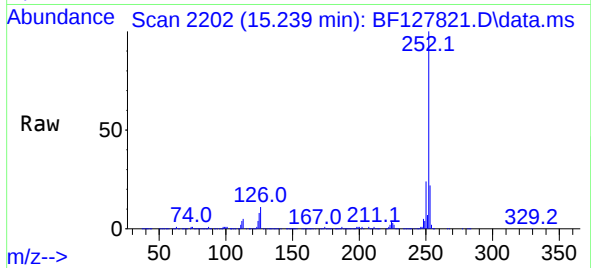
#89
Benzo(k)fluoranthene
Concen: 44.962 ng
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :
BNA_F
ClientSampleId :
PB144160BS

Tgt Ion:252 Resp: 1012714
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.9 6.9 10.3

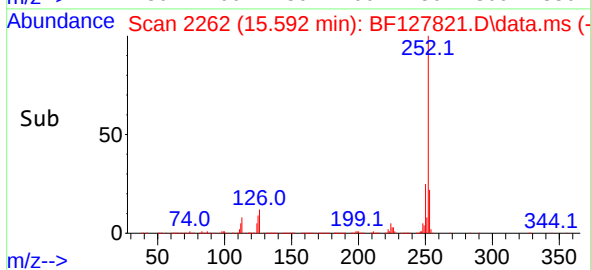
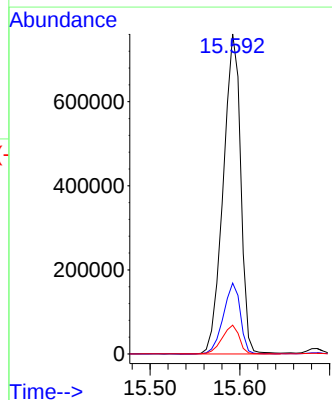
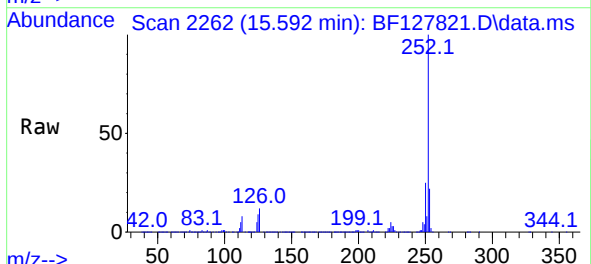
Manual Integrations
APPROVED

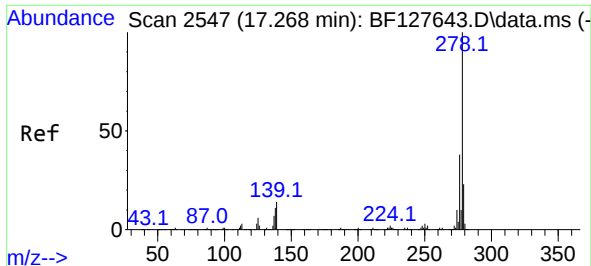
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#90
Benzo(a)pyrene
Concen: 55.580 ng
RT: 15.592 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:252 Resp: 1025927
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.0 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 51.524 ng
RT: 17.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Instrument :

BNA_F

ClientSampleId :

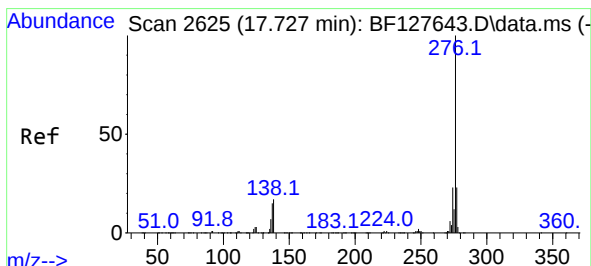
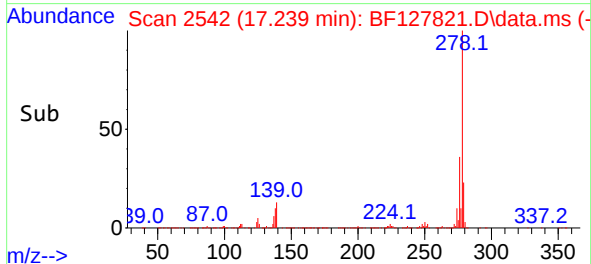
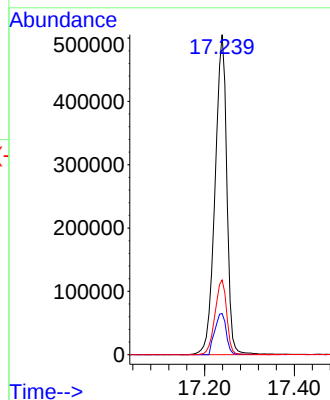
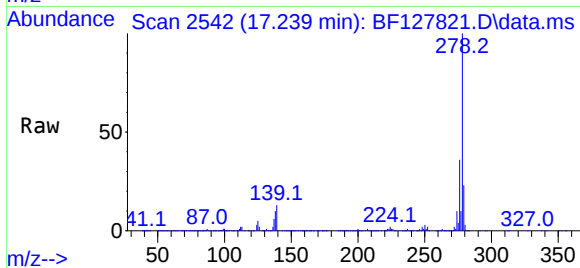
PB144160BS

Tgt Ion:278 Resp: 92078
Ion Ratio Lower Upper
278 100
139 12.8 10.8 16.2
279 23.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#92
Benzo(g,h,i)perylene
Concen: 51.253 ng
RT: 17.692 min Scan# 2619
Delta R.T. -0.012 min
Lab File: BF127821.D
Acq: 18 Apr 2022 11:28

Tgt Ion:276 Resp: 939013
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 16.7 14.6 22.0

