

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127005.D
 Acq On : 22 Feb 2022 13:21
 Operator : CG\JU
 Sample : PB142770BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142770BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 23:57:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	86664	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	362870	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	195460	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	357637	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	261092	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	189946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	623572	111.208	ng	0.00
7) Phenol-d6	6.546	99	829988	109.698	ng	0.00
23) Nitrobenzene-d5	7.487	82	583732	72.610	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	273560	121.558	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	968046	72.911	ng	0.00
79) Terphenyl-d14	13.033	244	1243897	70.036	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	80237	31.271	ng	97
3) Pyridine	3.563	79	177875	26.430	ng	89
4) n-Nitrosodimethylamine	3.528	42	132848	40.296	ng	# 68
6) Aniline	6.581	93	268199	29.917	ng	93
8) 2-Chlorophenol	6.704	128	255329	42.439	ng	96
9) Benzaldehyde	6.469	77	142897	31.027	ng	97
10) Phenol	6.557	94	321375	42.037	ng	84
11) bis(2-Chloroethyl)ether	6.651	93	236321	39.411	ng	96
12) 1,3-Dichlorobenzene	6.857	146	259214	39.941	ng	96
13) 1,4-Dichlorobenzene	6.934	146	262272	39.862	ng	97
14) 1,2-Dichlorobenzene	7.087	146	253669	40.429	ng	99
15) Benzyl Alcohol	7.057	79	254584	39.940	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.187	45	351378	37.214	ng	95
17) 2-Methylphenol	7.163	107	216013	41.499	ng	# 93
18) Hexachloroethane	7.428	117	102957	40.824	ng	94
19) n-Nitroso-di-n-propyla...	7.328	70	195365	40.072	ng	97
20) 3+4-Methylphenols	7.316	107	282824	41.843	ng	# 83
22) Acetophenone	7.328	105	381446	39.925	ng	95
24) Nitrobenzene	7.504	77	303165	39.919	ng	99
25) Isophorone	7.740	82	525288	39.487	ng	# 98
26) 2-Nitrophenol	7.816	139	132718	41.045	ng	# 76
27) 2,4-Dimethylphenol	7.845	122	233797	44.014	ng	87
28) bis(2-Chloroethoxy)met...	7.945	93	302242	37.476	ng	98
29) 2,4-Dichlorophenol	8.057	162	203661	40.781	ng	98
30) 1,2,4-Trichlorobenzene	8.140	180	212720	38.099	ng	95
31) Naphthalene	8.222	128	748881	39.535	ng	99
32) Benzoic acid	7.969	122	153451	40.733	ng	88
33) 4-Chloroaniline	8.269	127	130904	17.557	ng	98
34) Hexachlorobutadiene	8.334	225	126524	38.815	ng	98
35) Caprolactam	8.645	113	72993m	41.854	ng	
36) 4-Chloro-3-methylphenol	8.751	107	270658	42.406	ng	98
37) 2-Methylnaphthalene	8.916	142	514179	41.832	ng	97
38) 1-Methylnaphthalene	9.016	142	469768	39.912	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	207426	40.314	ng	99
41) Hexachlorocyclopentadiene	9.063	237	250508	89.770	ng	95
43) 2,4,6-Trichlorophenol	9.192	196	148504	39.352	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	157485	39.658	ng	94
46) 1,1'-Biphenyl	9.381	154	616173	39.789	ng	97
47) 2-Chloronaphthalene	9.404	162	440547	38.363	ng	94
48) 2-Nitroaniline	9.504	65	181207	39.987	ng	97
49) Acenaphthylene	9.822	152	744401	39.906	ng	98
50) Dimethylphthalate	9.681	163	548472	39.257	ng	99
51) 2,6-Dinitrotoluene	9.745	165	119694	42.109	ng	91
52) Acenaphthene	9.992	154	542745m	44.738	ng	
53) 3-Nitroaniline	9.910	138	84728	24.385	ng	98
54) 2,4-Dinitrophenol	10.022	184	138629	92.142	ng	# 87
55) Dibenzofuran	10.169	168	644481	38.634	ng	90
56) 4-Nitrophenol	10.075	139	215878	84.121	ng	# 74
57) 2,4-Dinitrotoluene	10.151	165	167387	43.553	ng	# 94
58) Fluorene	10.510	166	523206	40.265	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	130867m	41.569	ng	
60) Diethylphthalate	10.381	149	588774	40.331	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	242912	39.645	ng	92
62) 4-Nitroaniline	10.533	138	137897	40.190	ng	# 76
63) Azobenzene	10.663	77	617973	38.015	ng	94
65) 4,6-Dinitro-2-methylph...	10.557	198	82842	39.423	ng	96
66) n-Nitrosodiphenylamine	10.622	169	457512	39.013	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	156276	39.109	ng	96
68) Hexachlorobenzene	11.057	284	177542	41.272	ng	91
69) Atrazine	11.145	200	155904	42.864	ng	98
70) Pentachlorophenol	11.251	266	202664	86.305	ng	99
71) Phenanthrene	11.475	178	807065	40.318	ng	99
72) Anthracene	11.528	178	826737	41.486	ng	99
73) Carbazole	11.680	167	716294	39.196	ng	98
74) Di-n-butylphthalate	12.004	149	931333	39.642	ng	99
75) Fluoranthene	12.669	202	814649	42.861	ng	93
77) Benzidine	12.786	184	270715	38.154	ng	98
78) Pyrene	12.898	202	820320	36.164	ng	99
80) Butylbenzylphthalate	13.510	149	395126	36.795	ng	88
81) Benzo(a)anthracene	14.086	228	688635	39.123	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	135382	24.405	ng	# 95
83) Chrysene	14.121	228	659469	39.842	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	544192	38.599	ng	# 97
85) Di-n-octyl phthalate	14.674	149	839888	41.376	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	486400	39.053	ng	# 85
88) Benzo(b)fluoranthene	15.151	252	566652	44.417	ng	# 93
89) Benzo(k)fluoranthene	15.180	252	552099	44.868	ng	# 94
90) Benzo(a)pyrene	15.527	252	500298	50.206	ng	# 93
91) Dibenzo(a,h)anthracene	17.139	278	413575	40.149	ng	# 90
92) Benzo(g,h,i)perylene	17.586	276	398518	39.242	ng	# 85

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

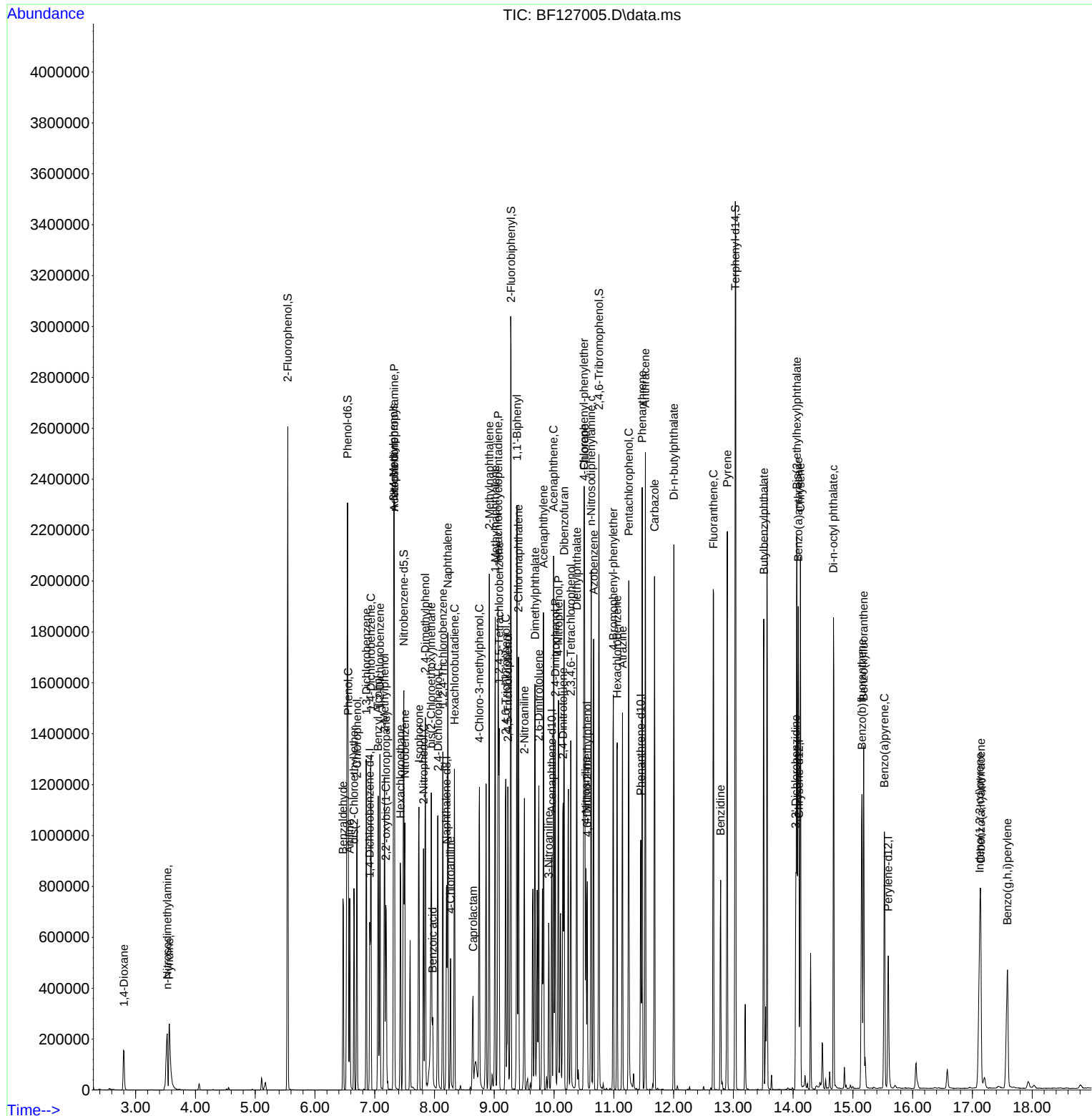
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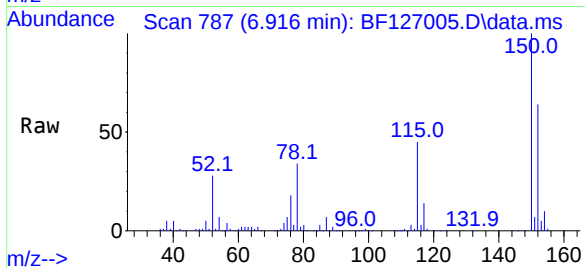
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

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PB142770BS

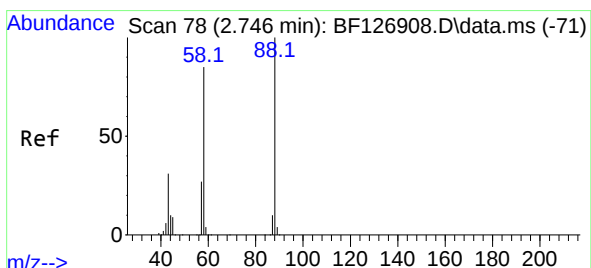
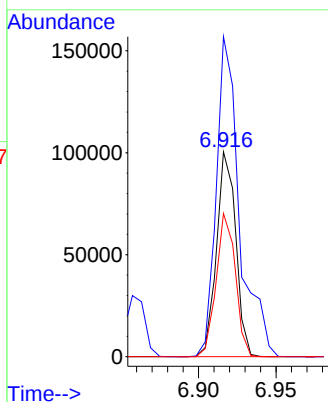
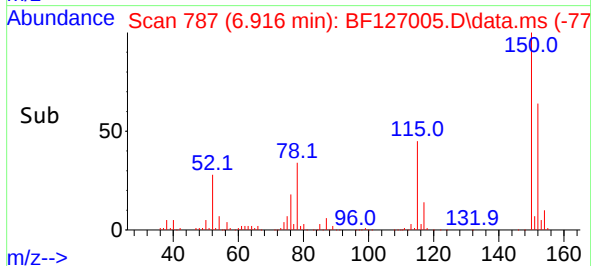


Tgt Ion:152 Resp: 86664
Ion Ratio Lower Upper
152 100
150 156.2 128.1 192.1
115 69.9 56.7 85.1

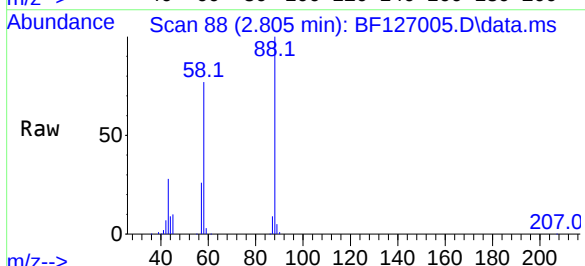
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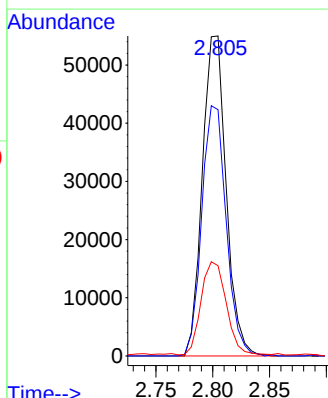
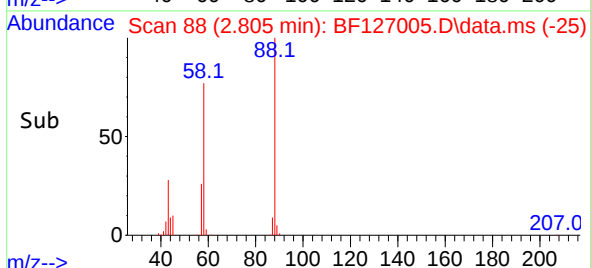
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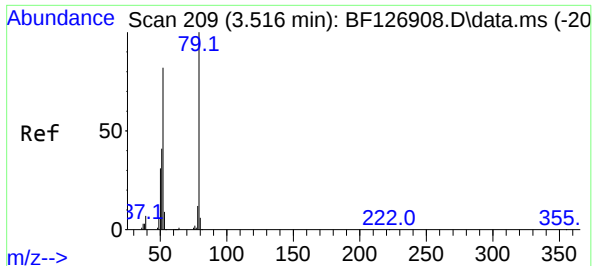


#2
1,4-Dioxane
Concen: 31.271 ng
RT: 2.805 min Scan# 88
Delta R.T. 0.071 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



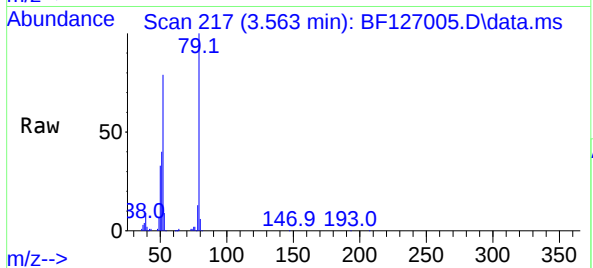
Tgt Ion: 88 Resp: 80237
Ion Ratio Lower Upper
88 100
58 80.1 62.8 94.2
43 30.8 22.3 33.5





#3
Pyridine
Concen: 26.430 ng
RT: 3.563 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

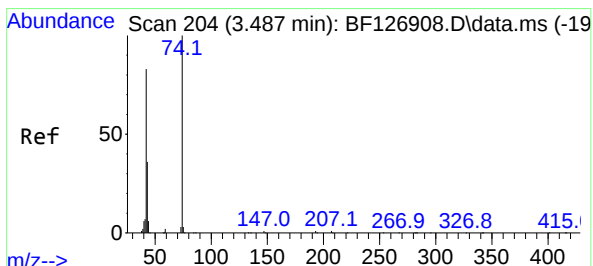
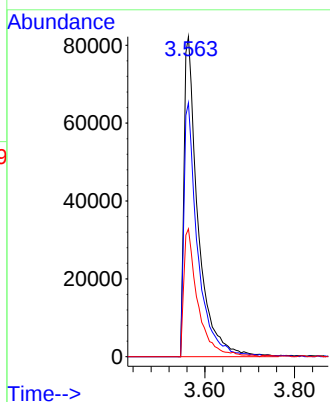
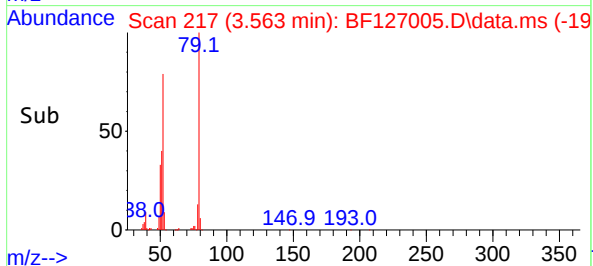
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BNA_F
ClientSampleId :
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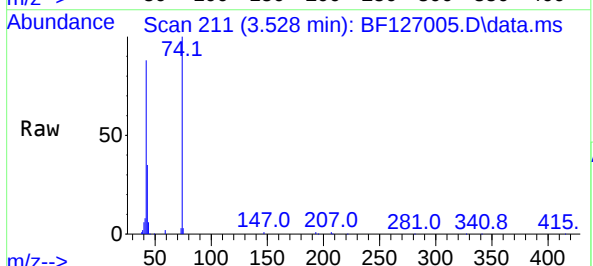
Tgt Ion: 79 Resp: 177875
Ion Ratio Lower Upper
79 100
52 79.3 56.2 84.4
51 40.0 26.7 40.1

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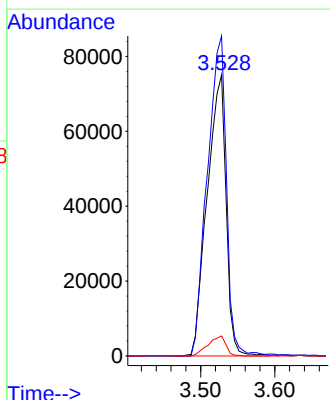
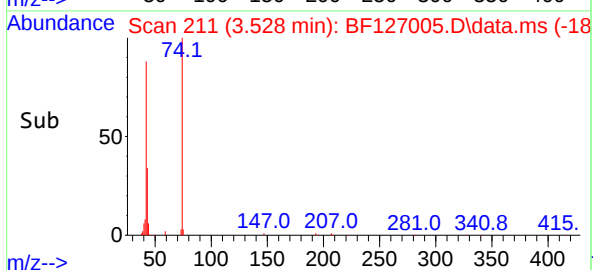
Reviewed By :Christian Giraldo 02/23/2022
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#4
n-Nitrosodimethylamine
Concen: 40.296 ng
RT: 3.528 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion: 42 Resp: 132848
Ion Ratio Lower Upper
42 100
74 113.9 125.6 188.4
44 7.1 5.7 8.5





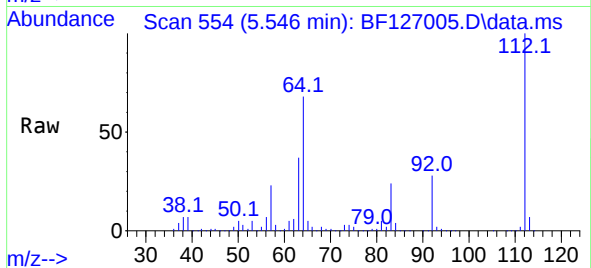
#5
2-Fluorophenol
Concen: 111.208 ng
RT: 5.546 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

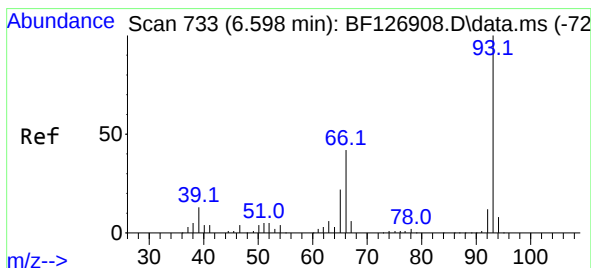
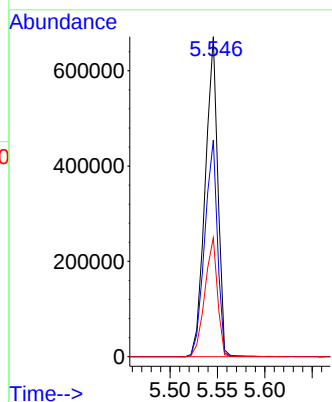
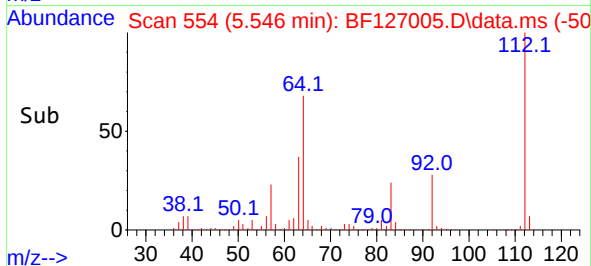


Tgt Ion:112 Resp: 623572
Ion Ratio Lower Upper
112 100
64 67.7 49.5 74.3
63 37.2 23.9 35.9

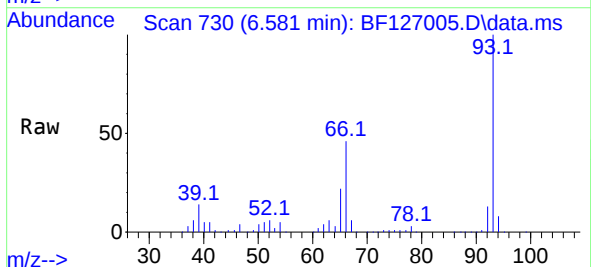
Manual Integrations

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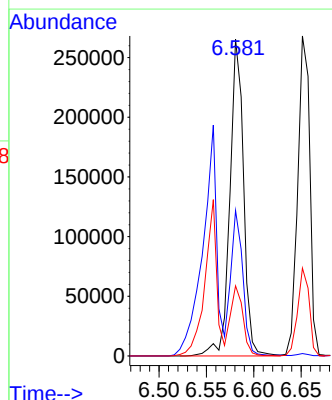
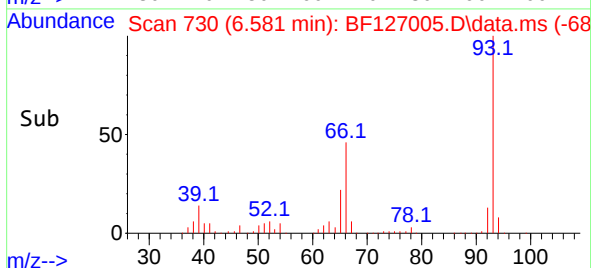
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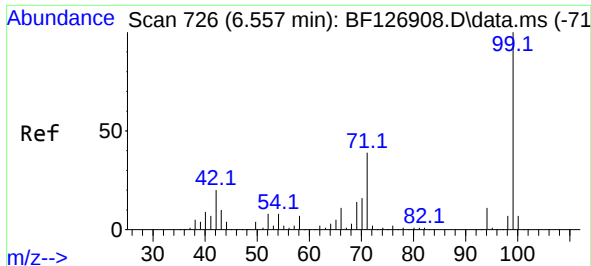


#6
Aniline
Concen: 29.917 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



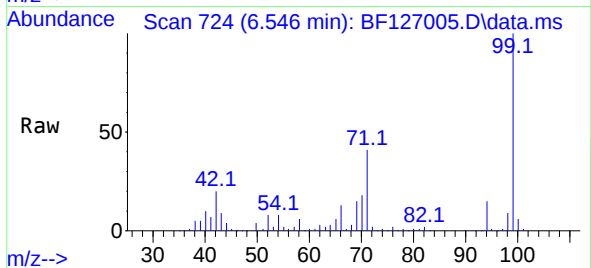
Tgt Ion: 93 Resp: 268199
Ion Ratio Lower Upper
93 100
66 45.9 32.2 48.4
65 22.2 16.3 24.5





#7
Phenol-d6
Concen: 109.698 ng
RT: 6.546 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

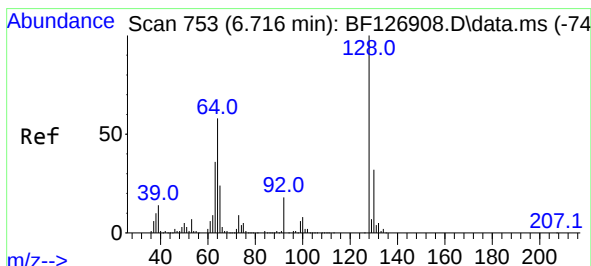
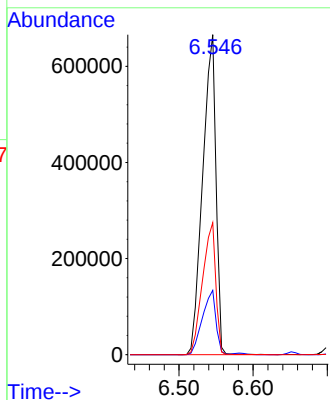
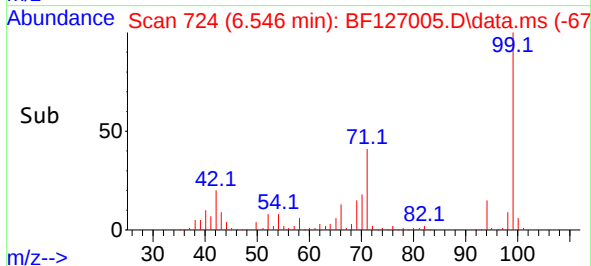
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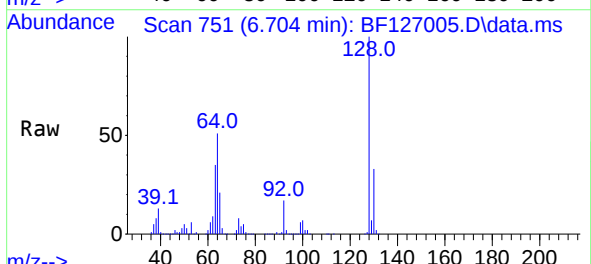
Tgt Ion: 99 Resp: 829988
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 41.2 24.3 36.5

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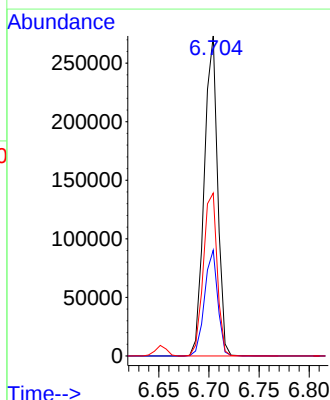
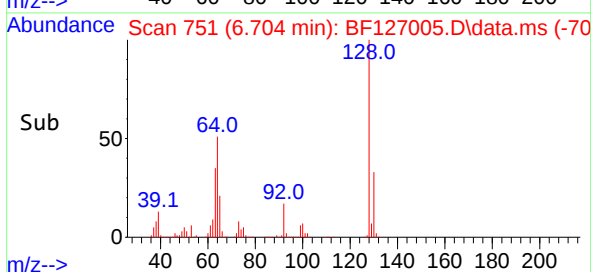
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#8
2-Chlorophenol
Concen: 42.439 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



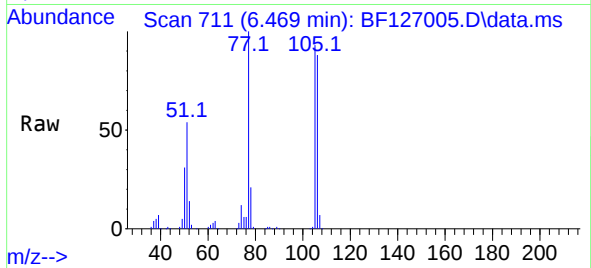
Tgt Ion:128 Resp: 255329
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 50.9 35.6 75.6





#9
Benzaldehyde
Concen: 31.027 ng
RT: 6.469 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127005.D
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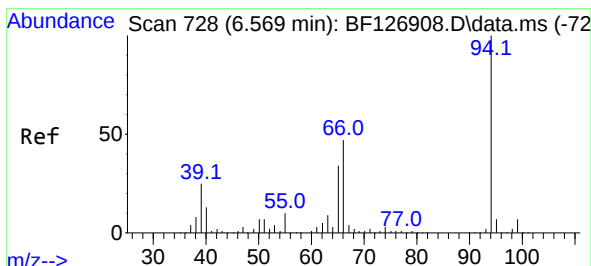
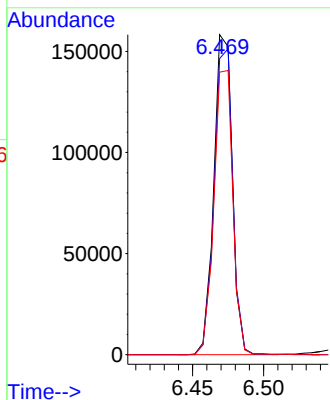
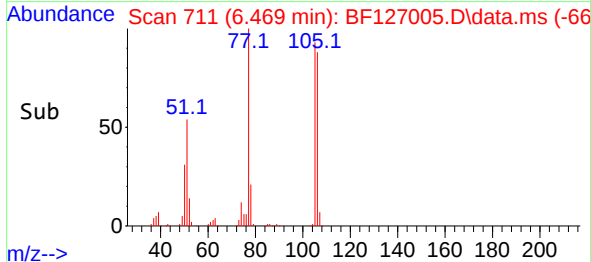
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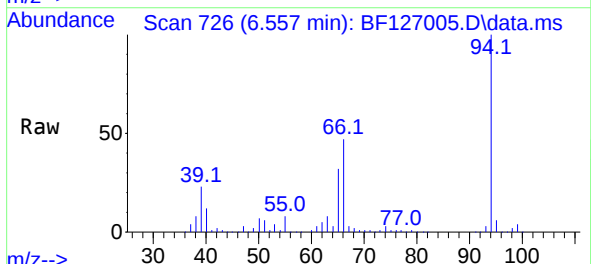
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Ion Ratio Lower Upper
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105 92.6 74.9 114.9
106 88.3 72.4 112.4

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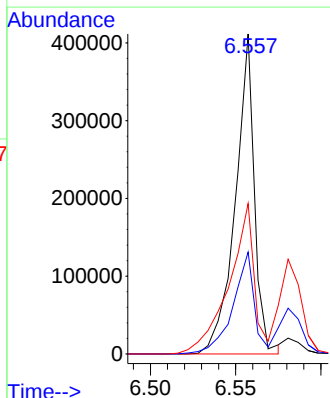
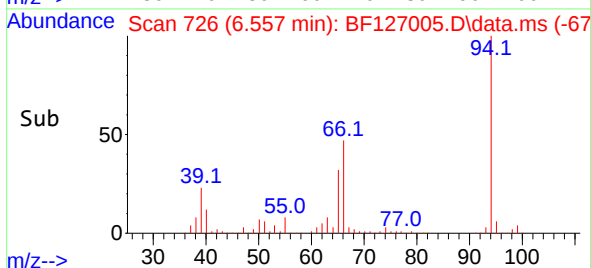
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#10
Phenol
Concen: 42.037 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



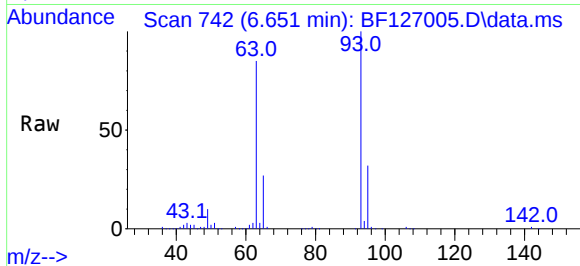
Tgt Ion: 94 Resp: 321375
Ion Ratio Lower Upper
94 100
65 31.8 7.2 47.2
66 47.0 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 39.411 ng
RT: 6.651 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

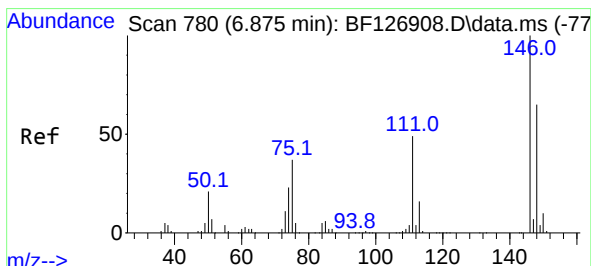
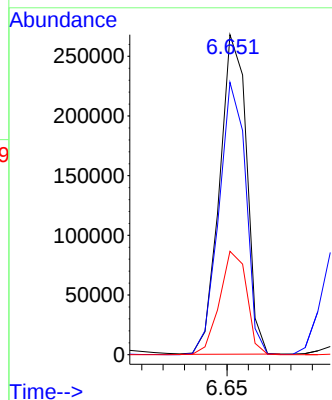
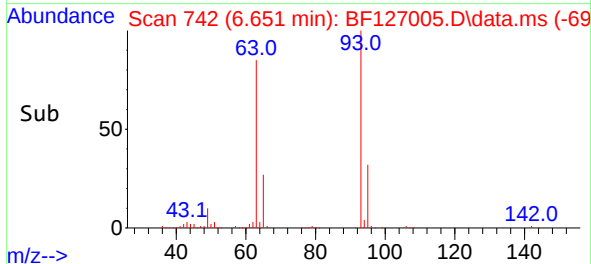
Instrument :
BNA_F
ClientSampleId :
PB142770BS



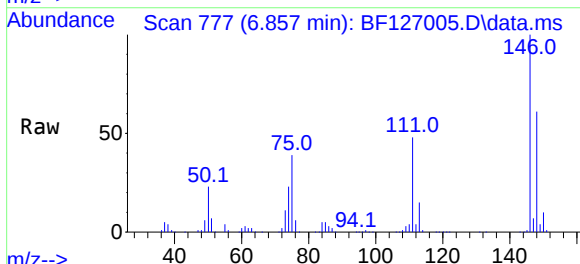
Tgt Ion: 93 Resp: 23632
Ion Ratio Lower Upper
93 100
63 85.1 60.5 100.5
95 32.3 12.9 52.9

Manual Integrations
APPROVED

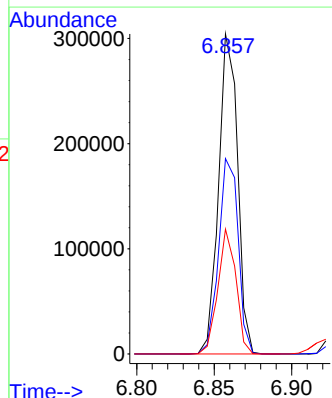
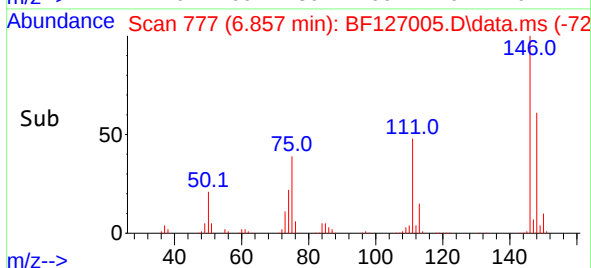
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



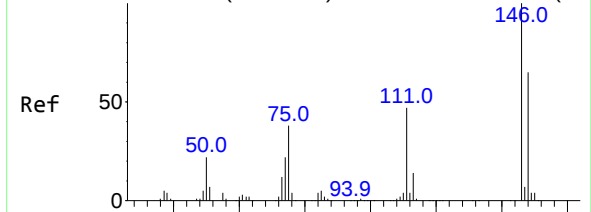
#12
1,3-Dichlorobenzene
Concen: 39.941 ng
RT: 6.857 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:146 Resp: 259214
Ion Ratio Lower Upper
146 100
148 61.1 50.9 76.3
75 39.0 28.4 42.6

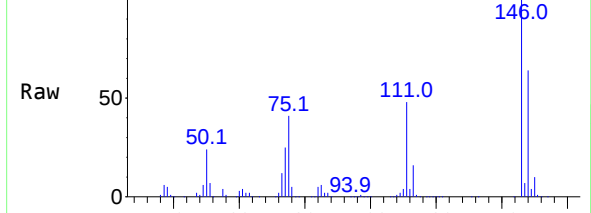


Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-78



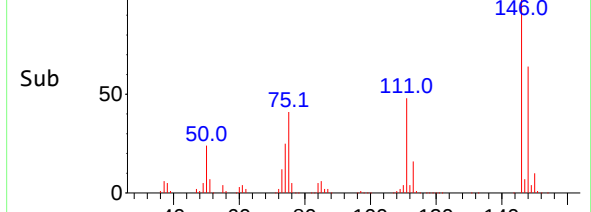
m/z-->

Abundance Scan 790 (6.934 min): BF127005.D\data.ms



m/z-->

Abundance Scan 790 (6.934 min): BF127005.D\data.ms (-74



m/z-->

#13

1,4-Dichlorobenzene

Concen: 39.862 ng

RT: 6.934 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Tgt Ion:146 Resp: 262272

Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.6

111 48.4 36.1 54.1

Instrument :

BNA_F

ClientSampleId :

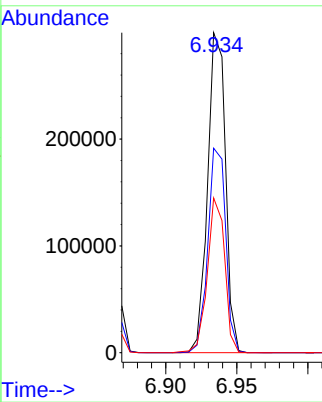
PB142770BS

Manual Integrations

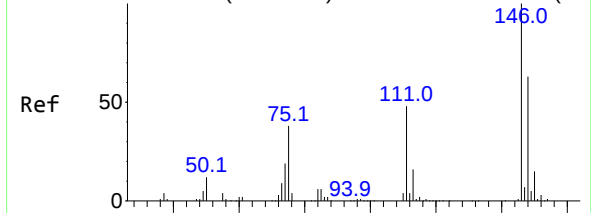
APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022

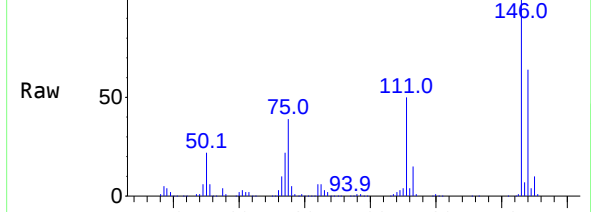


Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-81



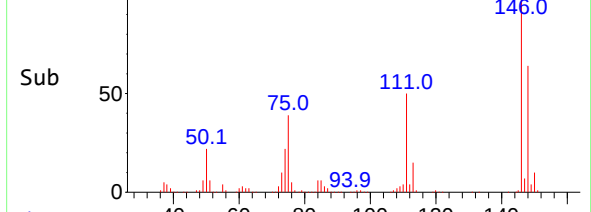
m/z-->

Abundance Scan 816 (7.087 min): BF127005.D\data.ms



m/z-->

Abundance Scan 816 (7.087 min): BF127005.D\data.ms (-76



m/z-->

#14

1,2-Dichlorobenzene

Concen: 40.429 ng

RT: 7.087 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

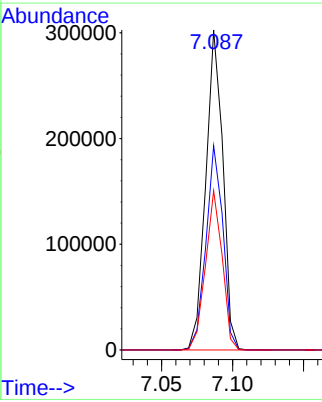
Tgt Ion:146 Resp: 253669

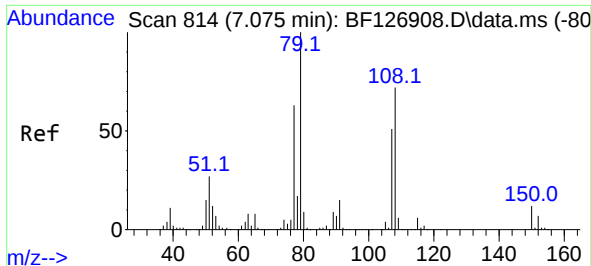
Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

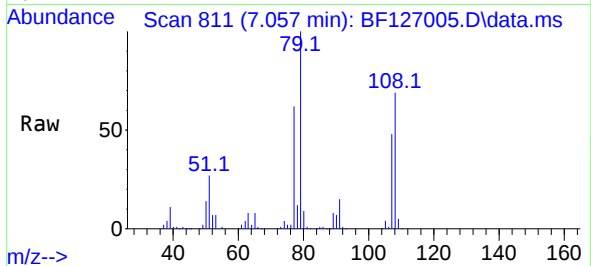
111 49.8 40.2 60.2





#15
Benzyl Alcohol
Concen: 39.940 ng
RT: 7.057 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

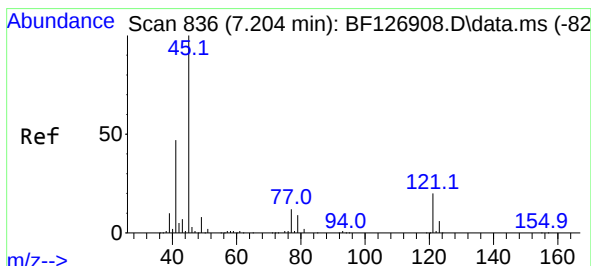
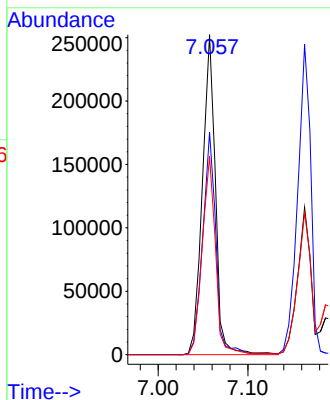
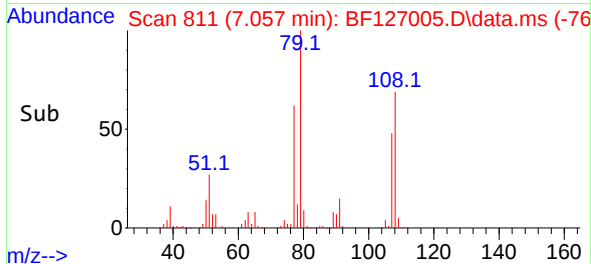
Instrument :
BNA_F
ClientSampleId :
PB142770BS



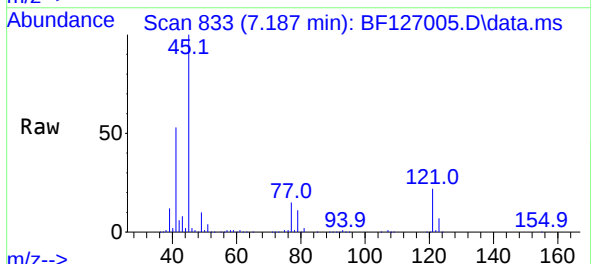
Tgt Ion: 79 Resp: 254584
Ion Ratio Lower Upper
79 100
108 69.5 63.2 94.8
77 62.0 49.4 74.2

Manual Integrations
APPROVED

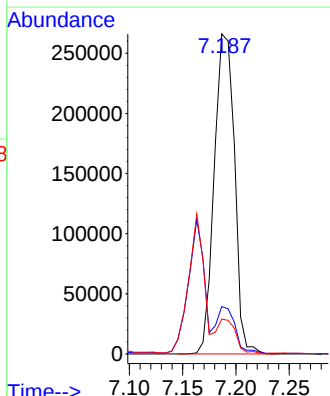
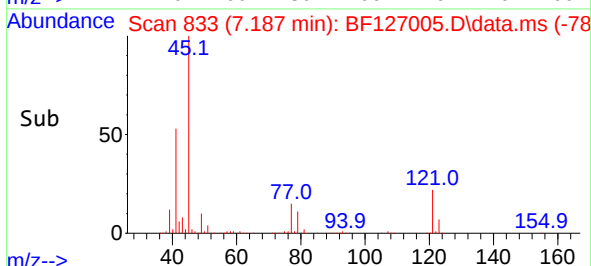
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

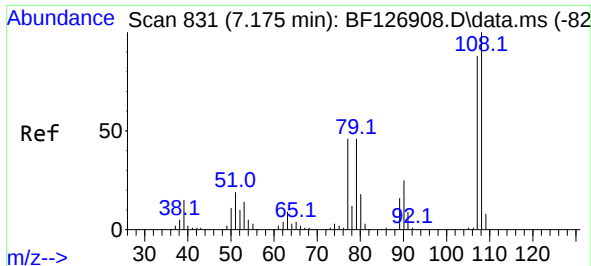


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.214 ng
RT: 7.187 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion: 45 Resp: 351378
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.4
79 10.9 0.0 29.8





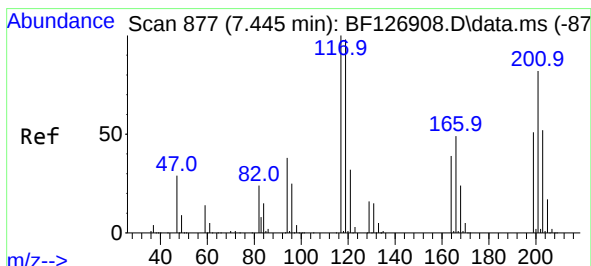
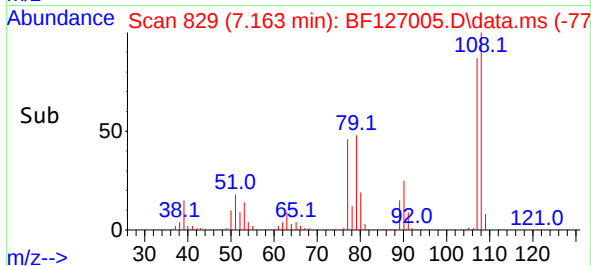
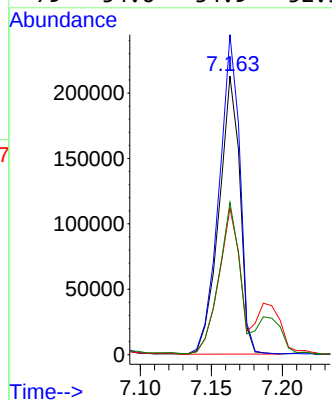
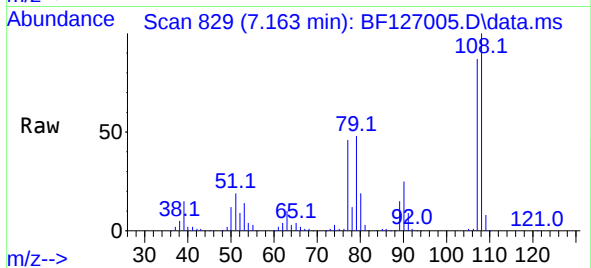
#17
2-Methylphenol
Concen: 41.499 ng
RT: 7.163 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB142770BS

Tgt Ion:107 Resp: 21601
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.0
77 52.5 36.1 54.1
79 54.6 34.9 52.3#

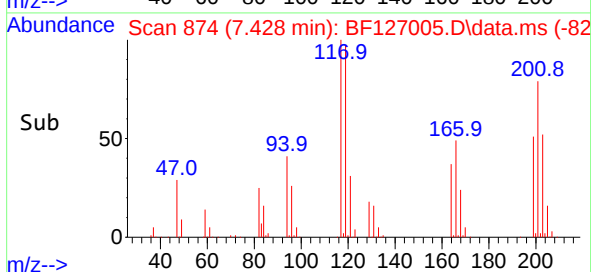
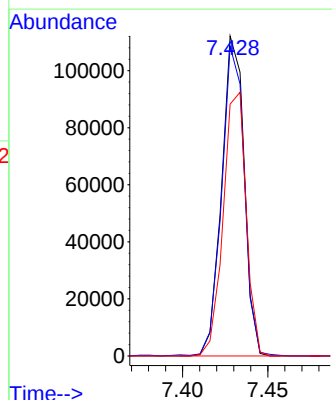
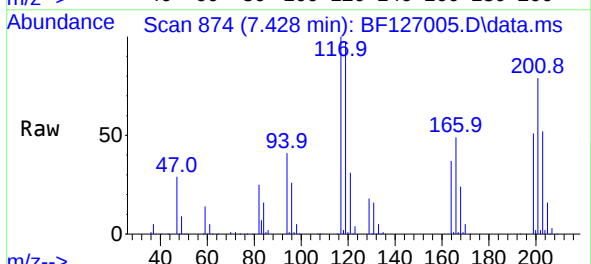
Manual Integrations
APPROVED

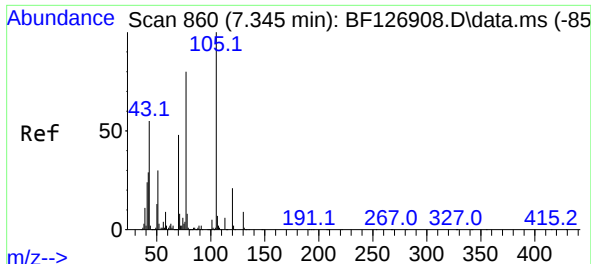
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#18
Hexachloroethane
Concen: 40.824 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:117 Resp: 102957
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.0
201 78.7 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.072 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

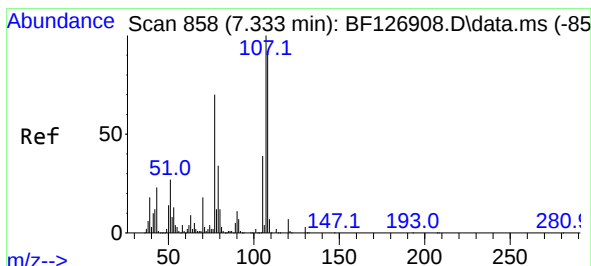
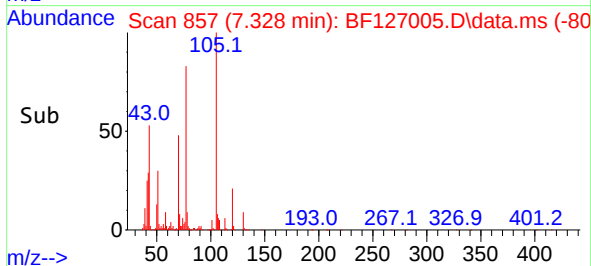
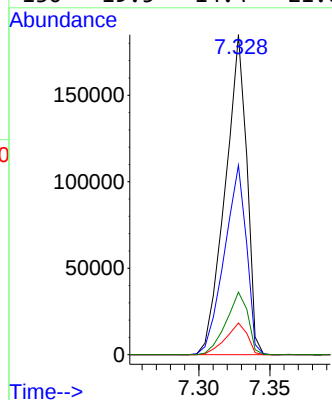
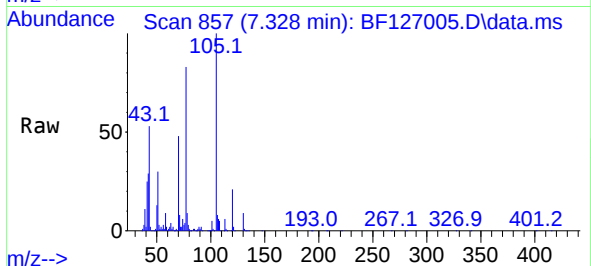
PB142770BS

Tgt Ion: 70 Resp: 19536
Ion Ratio Lower Upper
70 100
42 59.2 45.8 68.8
101 9.9 6.9 10.3
130 19.5 14.4 21.6

Manual Integrations

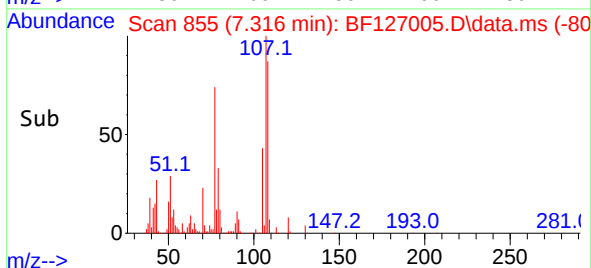
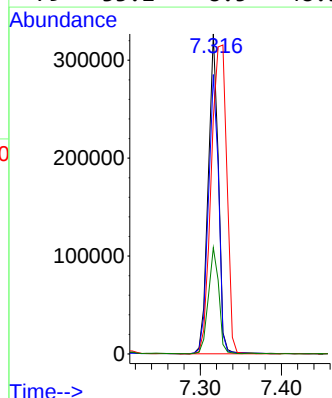
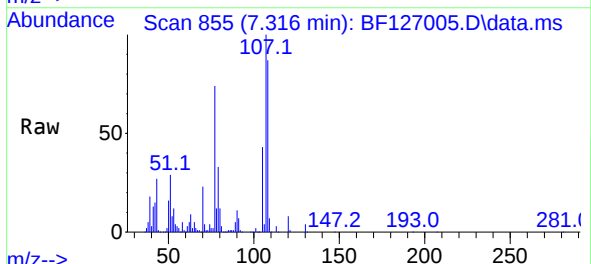
APPROVED

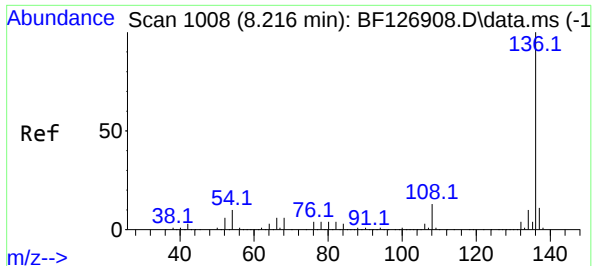
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#20
3+4-Methylphenols
Concen: 41.843 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:107 Resp: 282824
Ion Ratio Lower Upper
107 100
108 87.3 72.4 112.4
77 73.7 83.8 123.8#
79 33.2 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

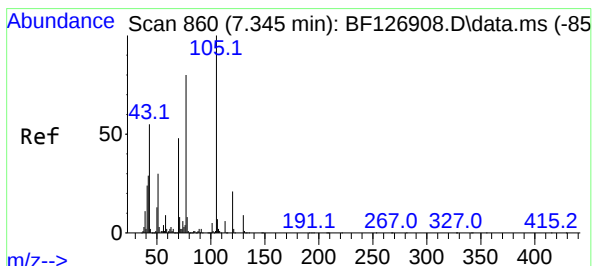
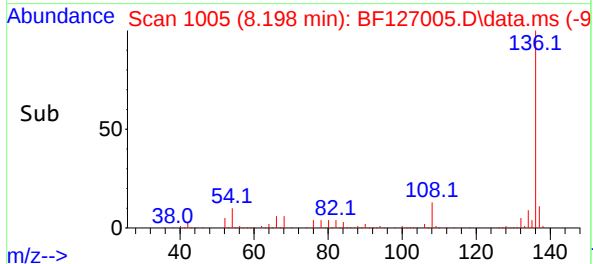
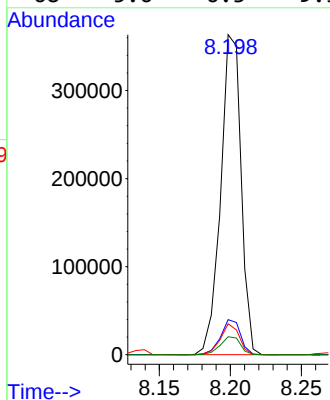
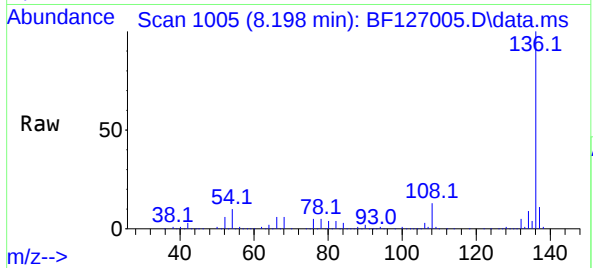
PB142770BS

Tgt Ion:136 Resp: 362870
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 7.8 11.6
68 5.6 6.3 9.5#

Manual Integrations

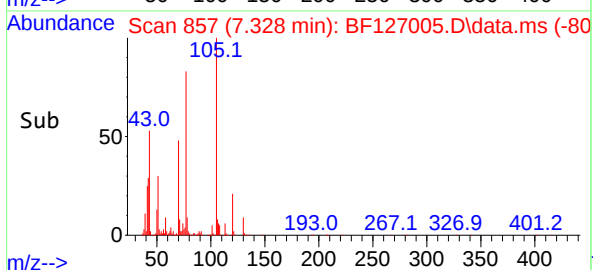
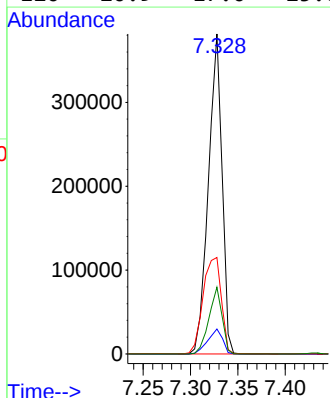
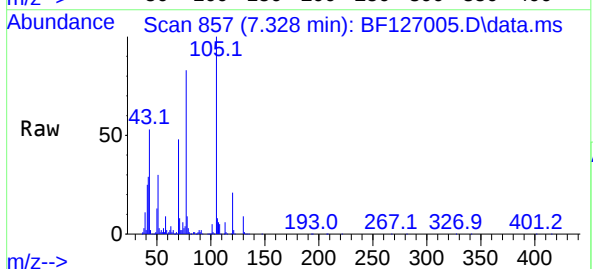
APPROVED

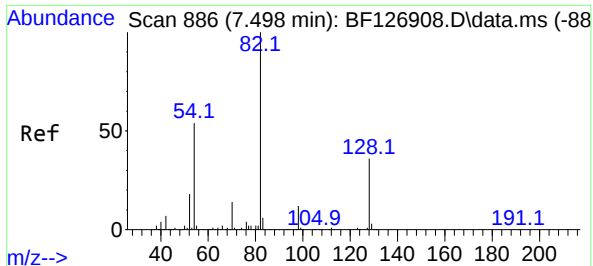
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#22
Acetophenone
Concen: 39.925 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:105 Resp: 381446
Ion Ratio Lower Upper
105 100
71 7.8 5.4 8.0
51 30.1 27.4 41.0
120 20.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 72.610 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

Tgt Ion: 82 Resp: 58373

Ion Ratio Lower Upper

82 100

128 40.1 32.7 49.1

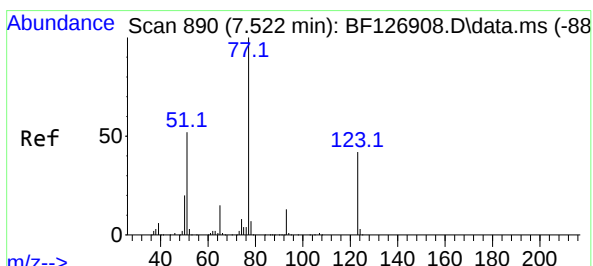
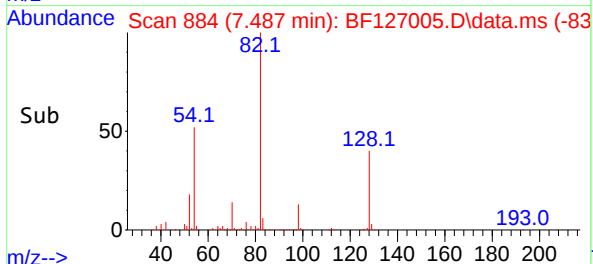
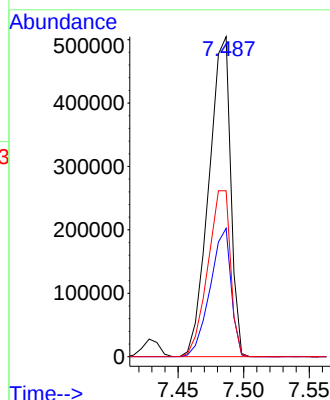
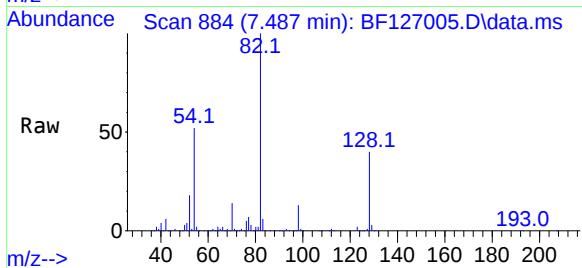
54 51.8 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#24

Nitrobenzene

Concen: 39.919 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

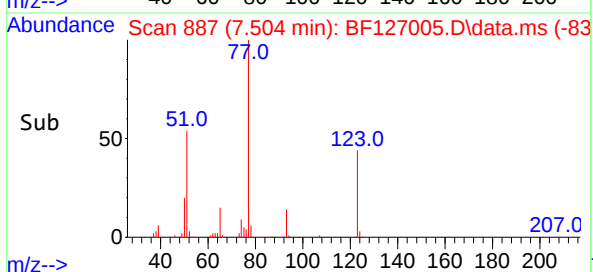
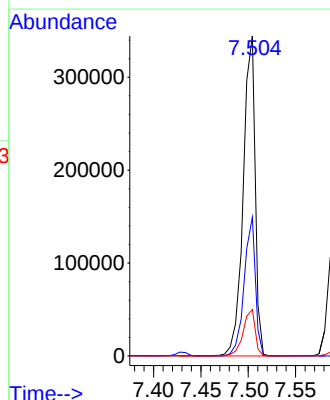
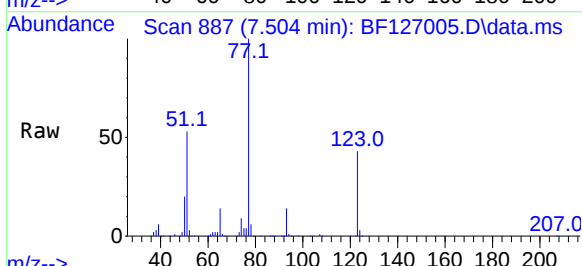
Tgt Ion: 77 Resp: 303165

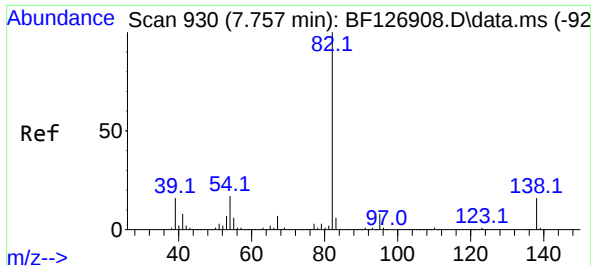
Ion Ratio Lower Upper

77 100

123 43.3 34.6 52.0

65 14.5 10.6 15.8





#25
Isophorone
Concen: 39.487 ng
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

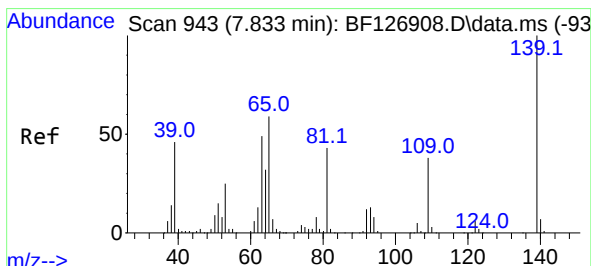
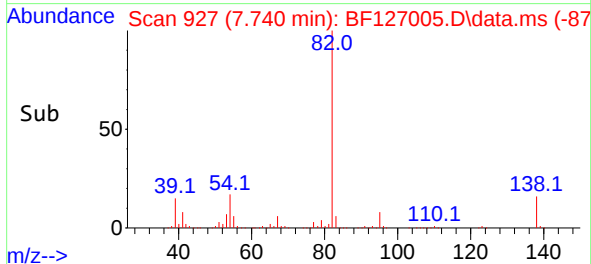
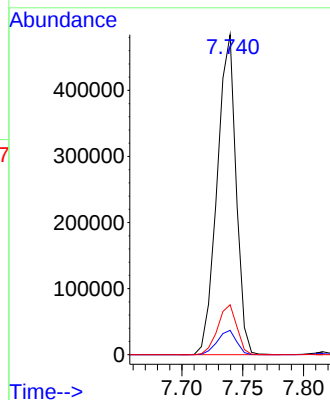
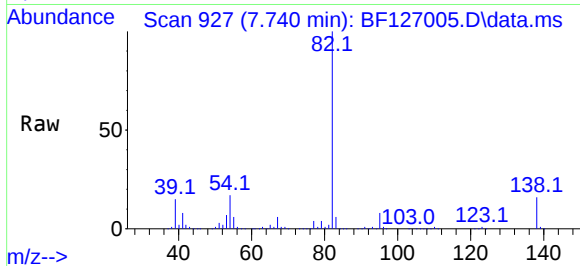
ClientSampleId :

PB142770BS

Tgt Ion: 82 Resp: 52528
Ion Ratio Lower Upper
82 100
95 7.6 5.0 7.4
138 15.6 12.3 18.5

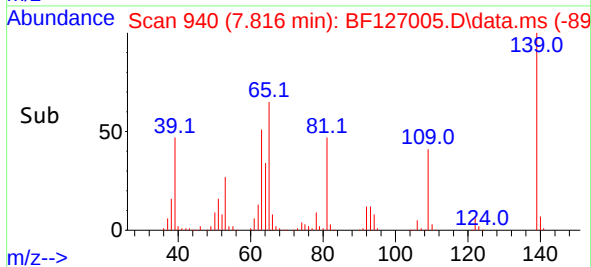
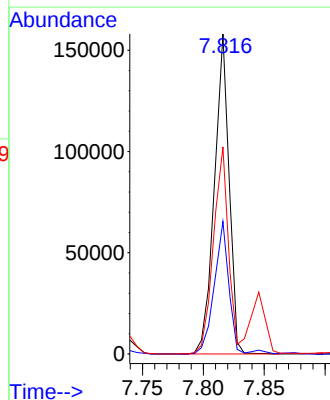
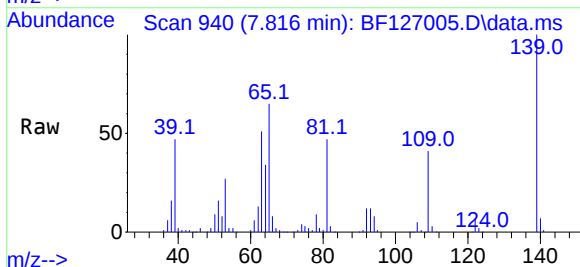
Manual Integrations
APPROVED

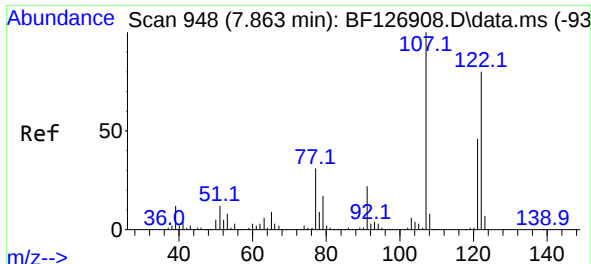
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#26
2-Nitrophenol
Concen: 41.045 ng
RT: 7.816 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:139 Resp: 132718
Ion Ratio Lower Upper
139 100
109 41.4 20.0 30.0#
65 64.7 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 44.014 ng
RT: 7.845 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

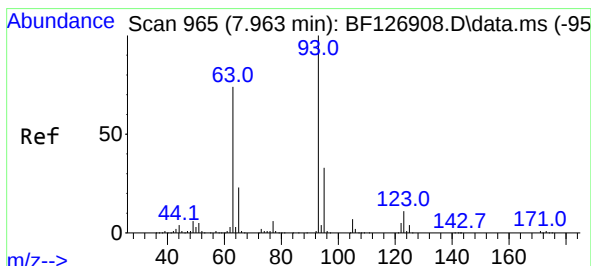
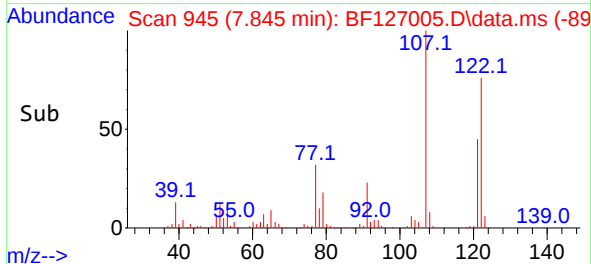
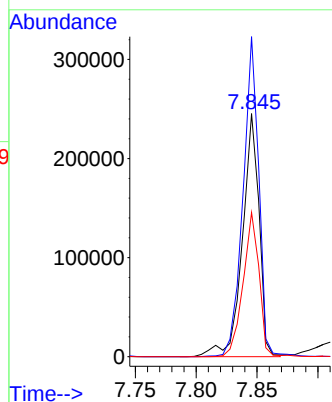
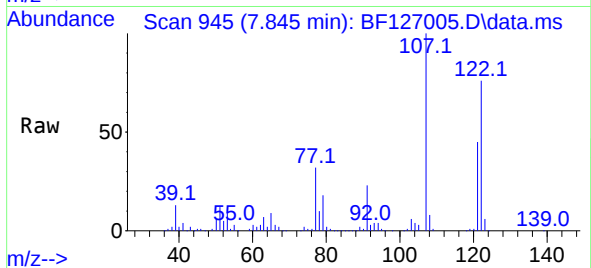
PB142770BS

Tgt Ion:122 Resp: 23379
Ion Ratio Lower Upper
122 100
107 131.6 91.2 136.8
121 59.3 44.4 66.6

Manual Integrations

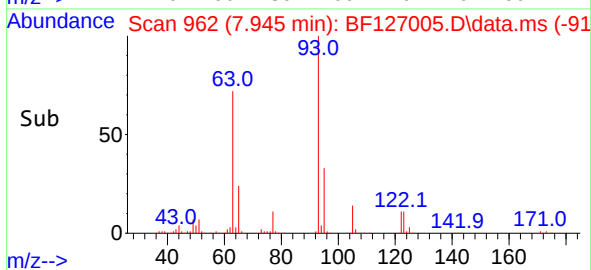
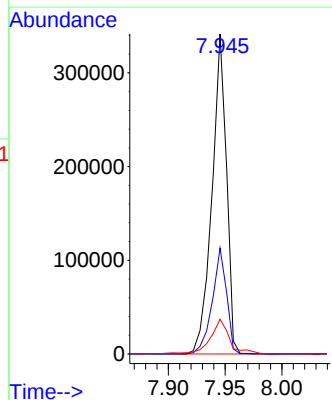
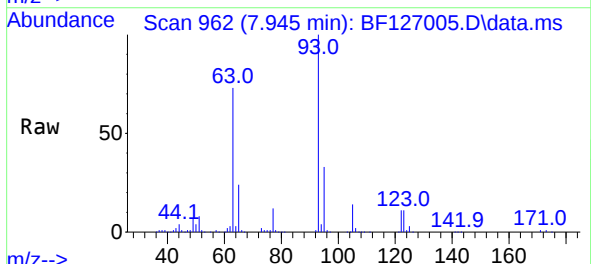
APPROVED

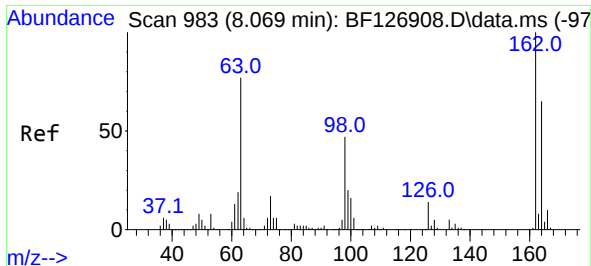
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 37.476 ng
RT: 7.945 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion: 93 Resp: 302242
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 10.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 40.781 ng

RT: 8.057 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

Tgt Ion:162 Resp: 20366

Ion Ratio Lower Upper

162 100

164 65.6 43.8 83.8

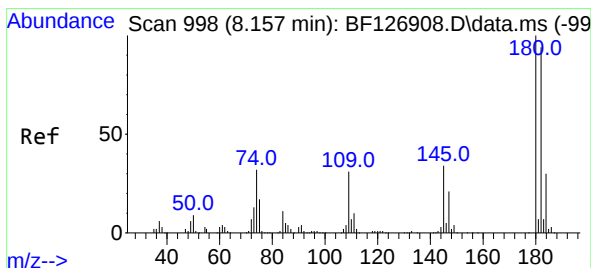
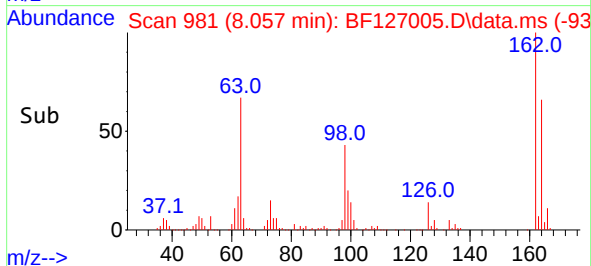
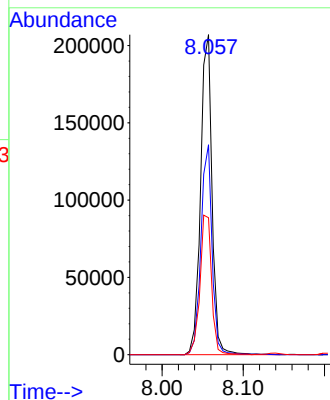
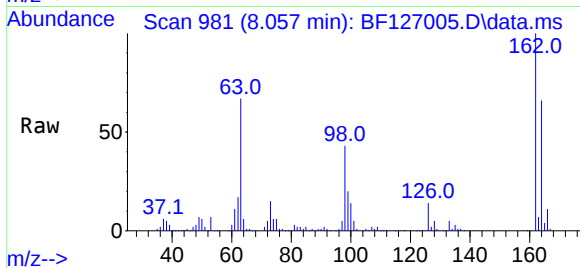
98 42.8 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.099 ng

RT: 8.140 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

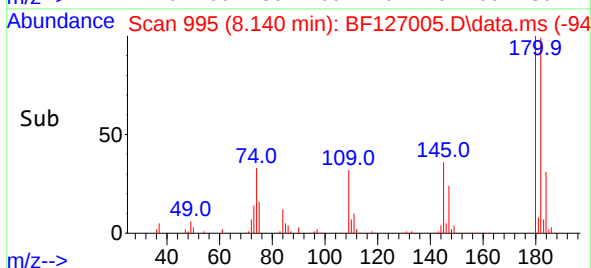
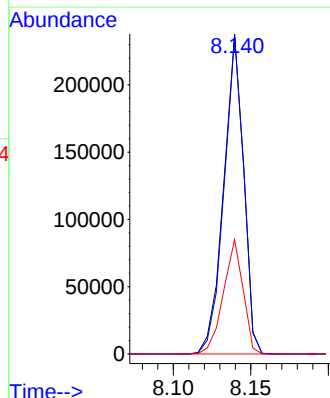
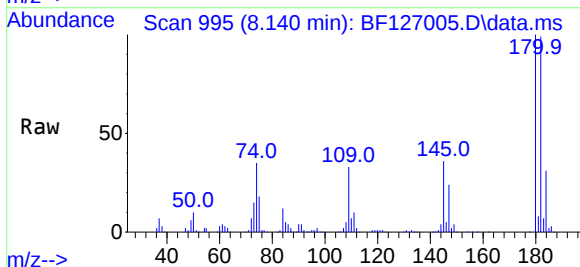
Tgt Ion:180 Resp: 212720

Ion Ratio Lower Upper

180 100

182 99.5 75.5 113.3

145 35.8 26.2 39.2





#31
Naphthalene
Concen: 39.535 ng
RT: 8.222 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

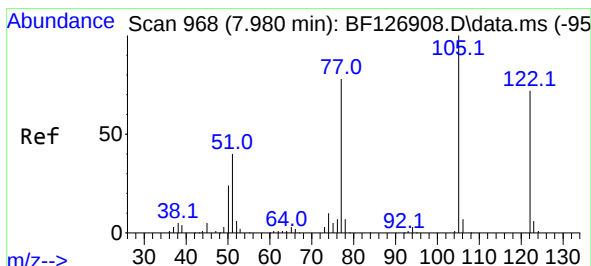
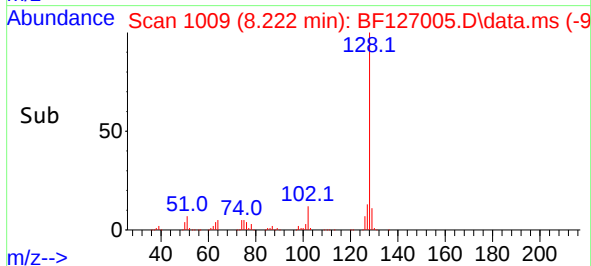
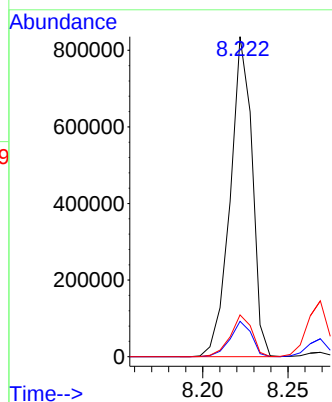
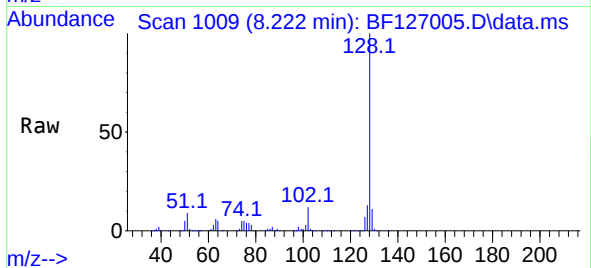
PB142770BS

Tgt Ion:128 Resp: 74888
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.3 15.5

Manual Integrations

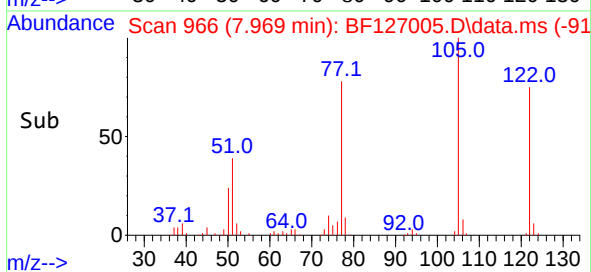
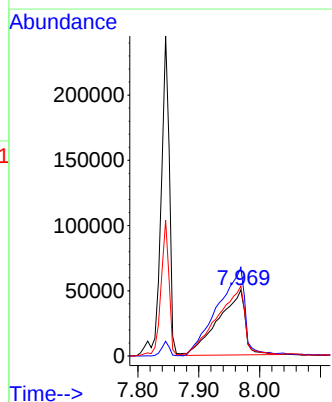
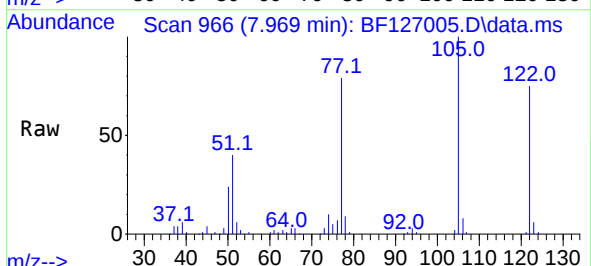
APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#32
Benzoic acid
Concen: 40.733 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:122 Resp: 153451
Ion Ratio Lower Upper
122 100
105 134.1 101.0 141.0
77 105.8 74.5 114.5





#33
4-Chloroaniline
Concen: 17.557 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

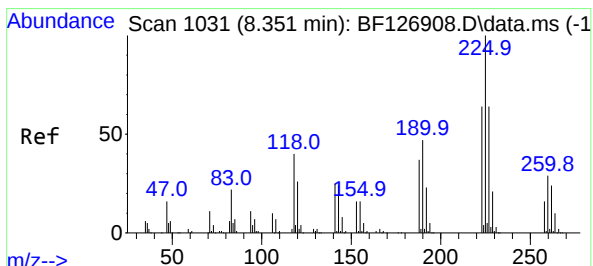
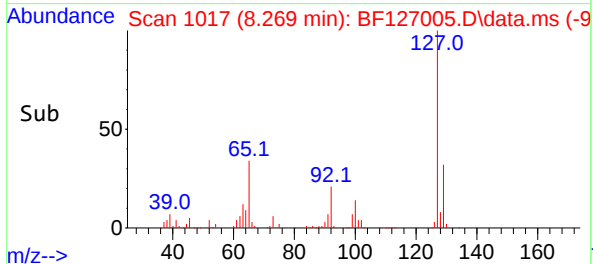
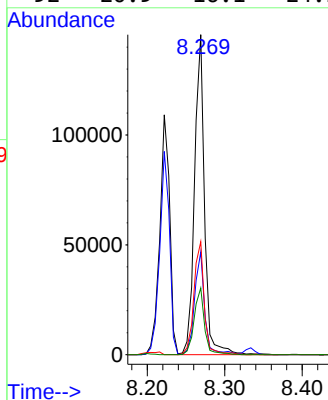
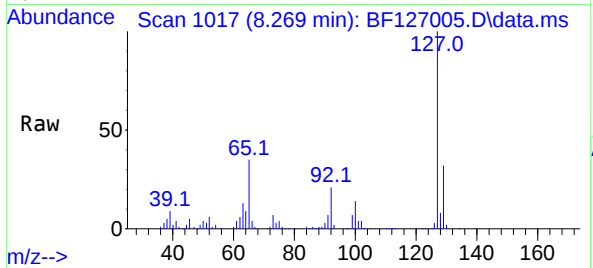
PB142770BS

Tgt Ion:127 Resp: 130904
Ion Ratio Lower Upper
127 100
129 32.1 26.5 39.7
65 35.3 26.6 39.8
92 20.9 16.1 24.1

Manual Integrations

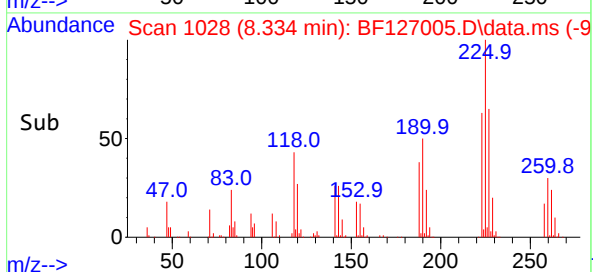
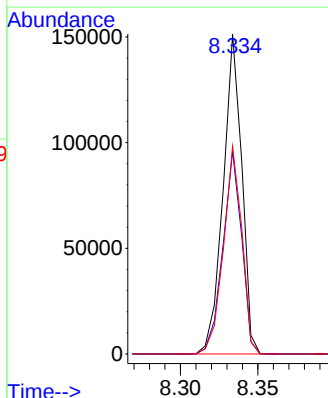
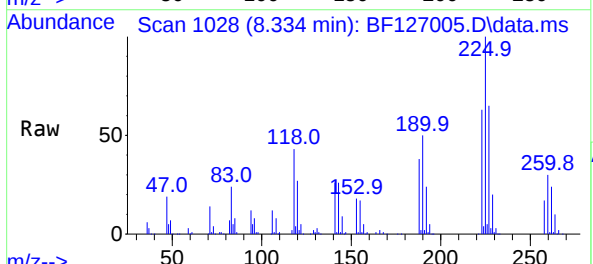
APPROVED

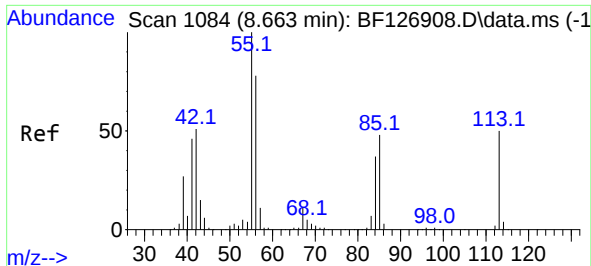
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#34
Hexachlorobutadiene
Concen: 38.815 ng
RT: 8.334 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

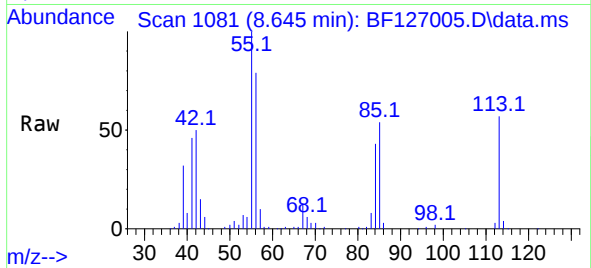
Tgt Ion:225 Resp: 126524
Ion Ratio Lower Upper
225 100
223 63.3 48.6 73.0
227 65.0 51.4 77.0





#35
Caprolactam
Concen: 41.854 ng m
RT: 8.645 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

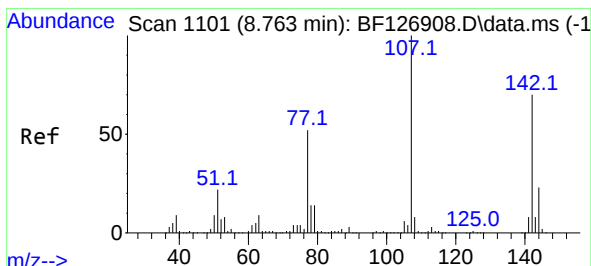
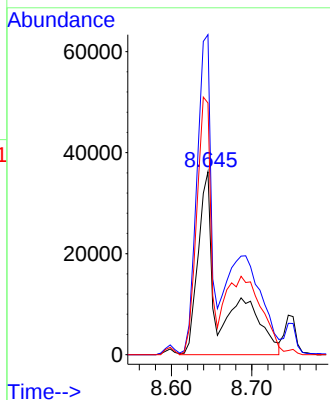
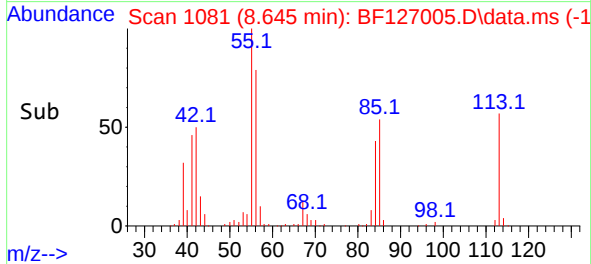
Instrument :
BNA_F
ClientSampleId :
PB142770BS



Tgt Ion:113 Resp: 7299
Ion Ratio Lower Upper
113 100
55 174.9 183.9 223.9
56 137.6 129.9 169.9

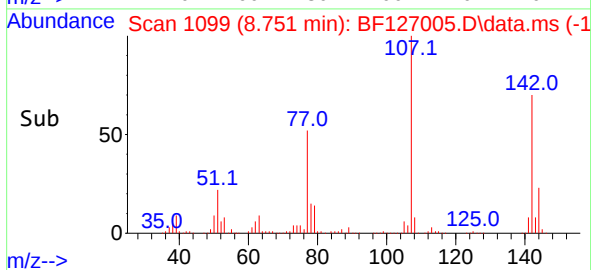
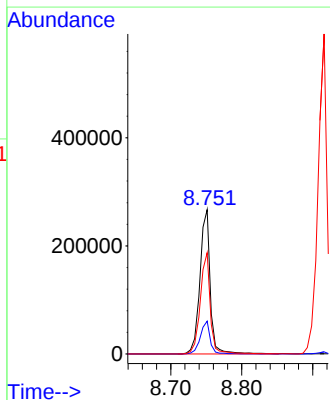
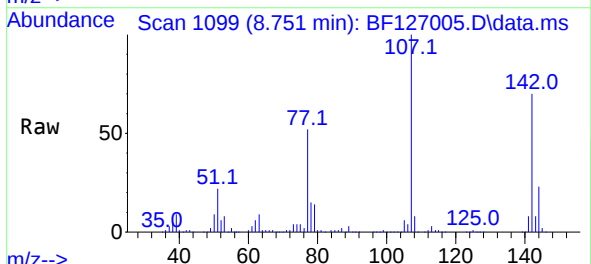
Manual Integrations
APPROVED

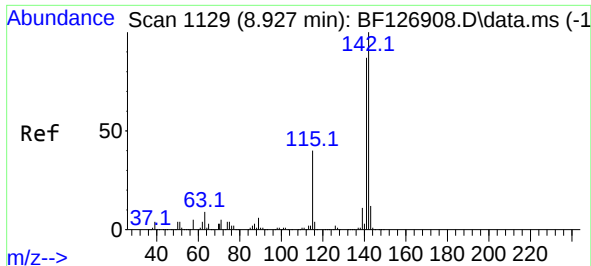
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#36
4-Chloro-3-methylphenol
Concen: 42.406 ng
RT: 8.751 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:107 Resp: 270658
Ion Ratio Lower Upper
107 100
144 22.7 18.5 27.7
142 70.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 41.832 ng

RT: 8.916 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

Tgt Ion:142 Resp: 514179

Ion Ratio Lower Upper

142 100

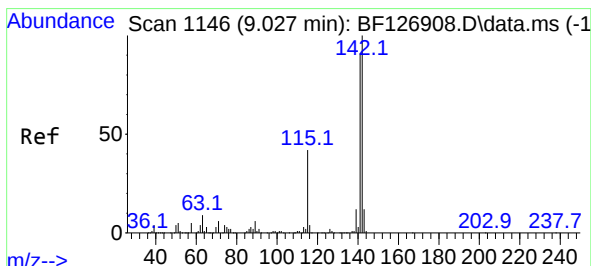
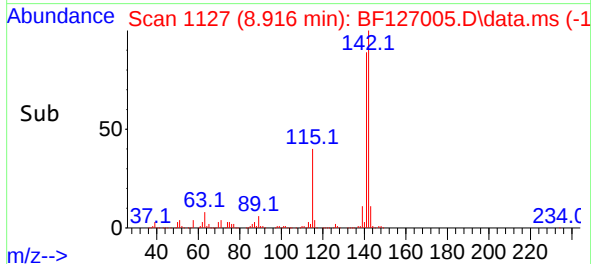
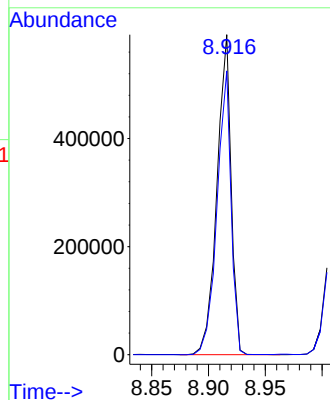
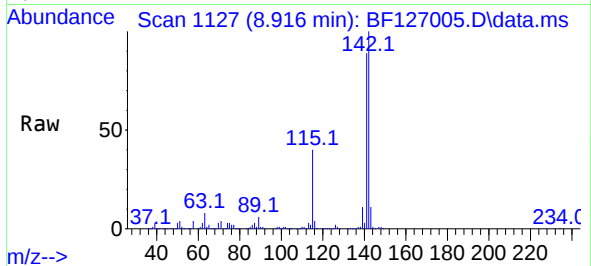
141 88.7 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#38

1-Methylnaphthalene

Concen: 39.912 ng

RT: 9.016 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF127005.D

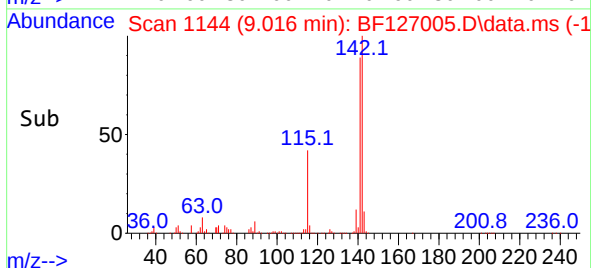
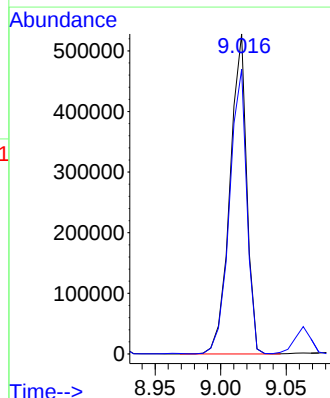
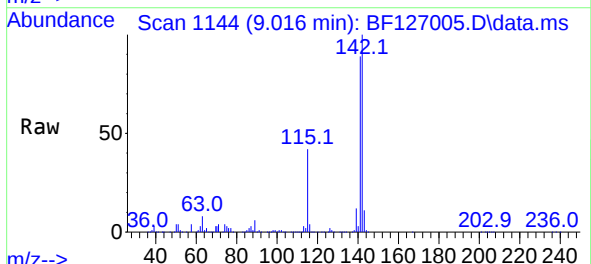
Acq: 22 Feb 2022 13:21

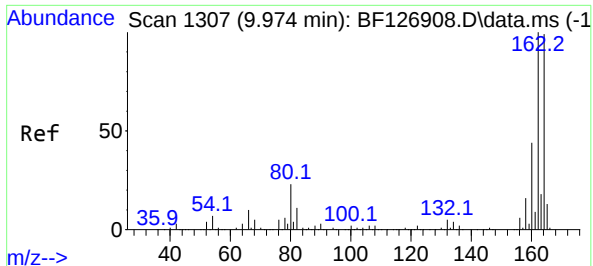
Tgt Ion:142 Resp: 469768

Ion Ratio Lower Upper

142 100

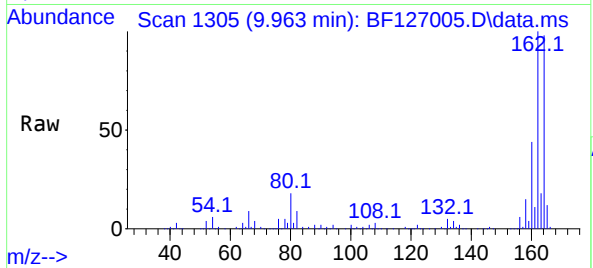
141 89.0 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

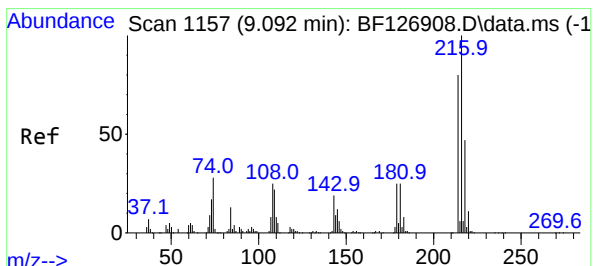
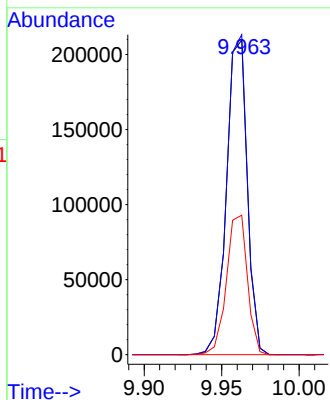
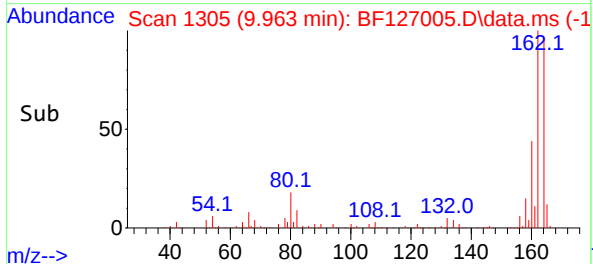
Instrument :
BNA_F
ClientSampleId :
PB142770BS



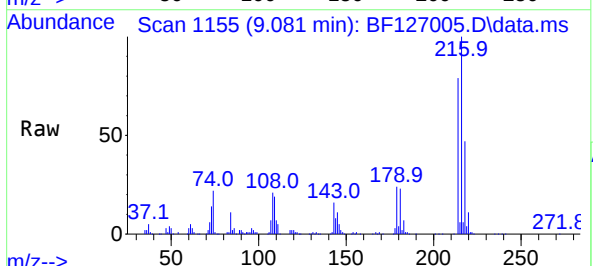
Tgt Ion:164 Resp: 195460
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.4 36.6 54.8

Manual Integrations
APPROVED

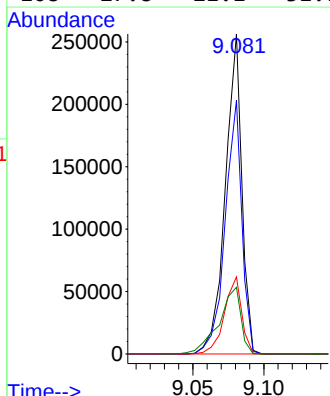
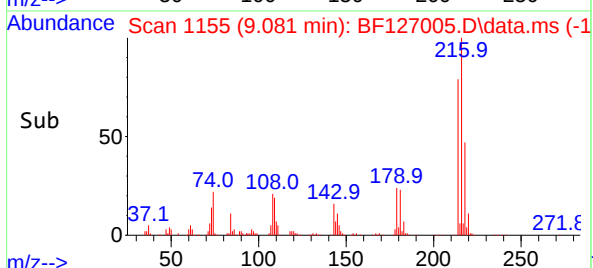
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

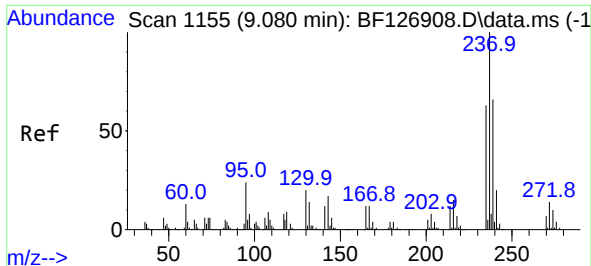


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.314 ng
RT: 9.081 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



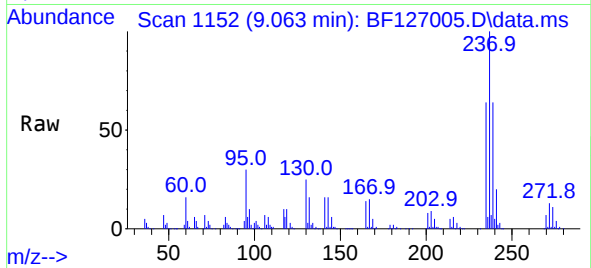
Tgt Ion:216 Resp: 207426
Ion Ratio Lower Upper
216 100
214 80.1 64.6 96.8
179 25.2 19.5 29.3
108 27.8 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 89.770 ng
RT: 9.063 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

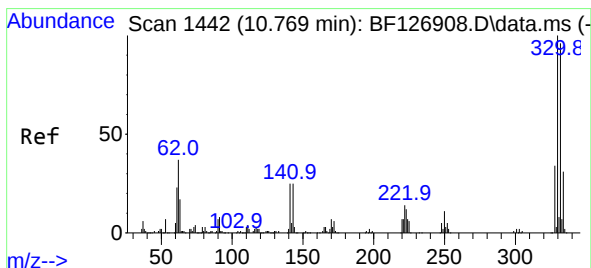
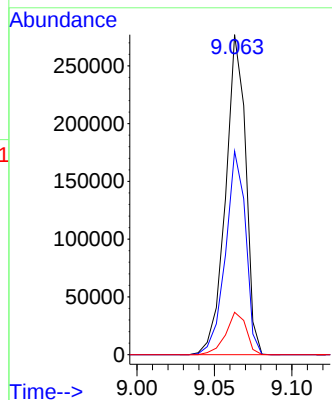
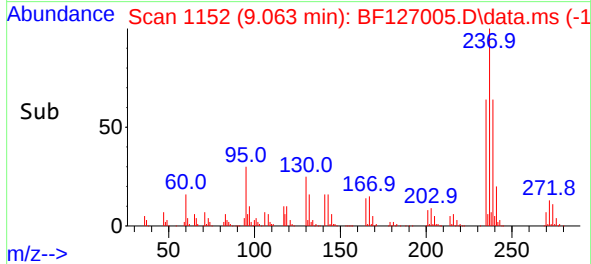
Instrument :
BNA_F
ClientSampleId :
PB142770BS



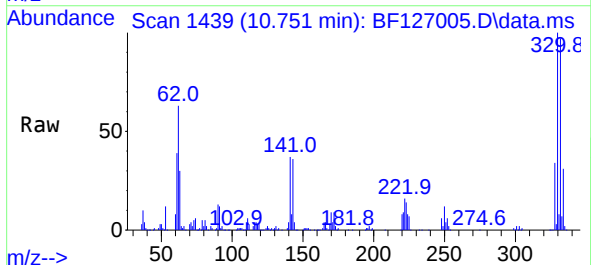
Tgt Ion:237 Resp: 250508
Ion Ratio Lower Upper
237 100
235 63.6 38.9 78.9
272 13.3 0.0 33.5

Manual Integrations
APPROVED

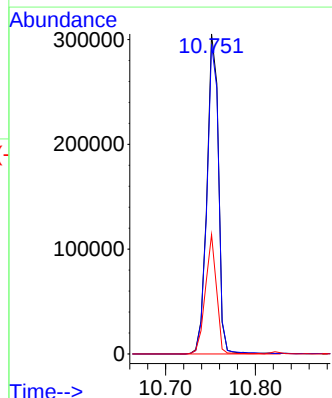
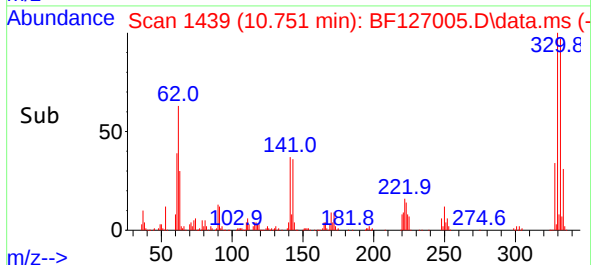
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

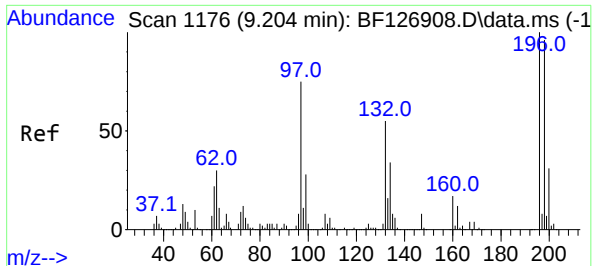


#42
2,4,6-Tribromophenol
Concen: 121.558 ng
RT: 10.751 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:330 Resp: 273560
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 35.7 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 39.352 ng

RT: 9.192 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

Tgt Ion:196 Resp: 148504

Ion Ratio Lower Upper

196 100

198 96.3 78.5 117.7

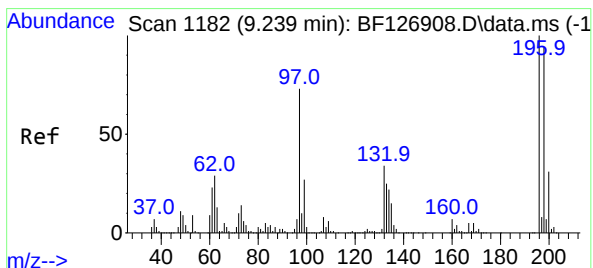
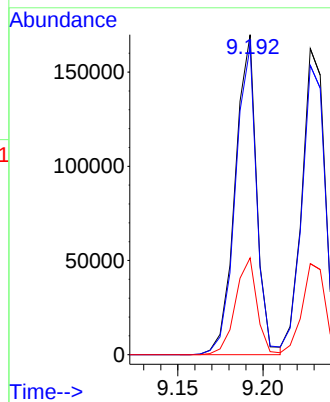
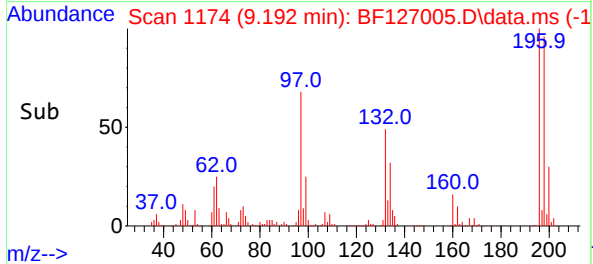
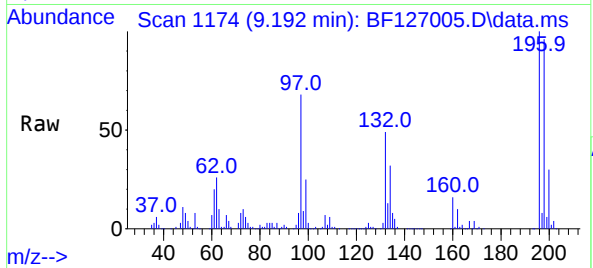
200 30.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#44

2,4,5-Trichlorophenol

Concen: 39.658 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Tgt Ion:196 Resp: 157485

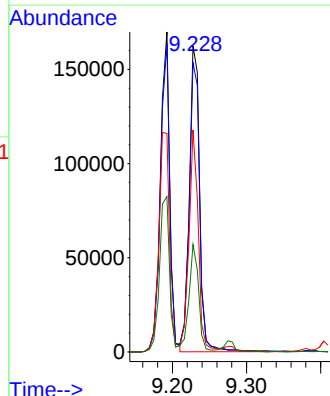
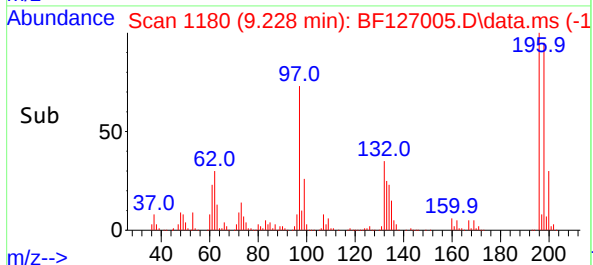
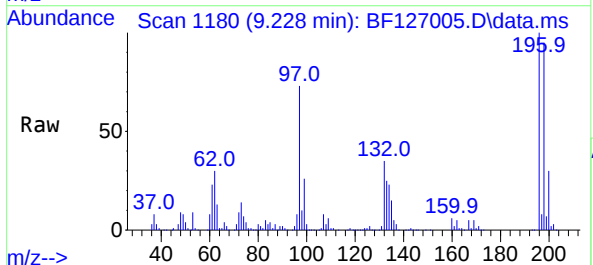
Ion Ratio Lower Upper

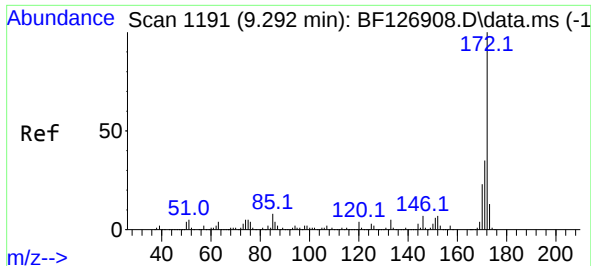
196 100

198 94.5 82.0 123.0

97 72.5 53.5 80.3

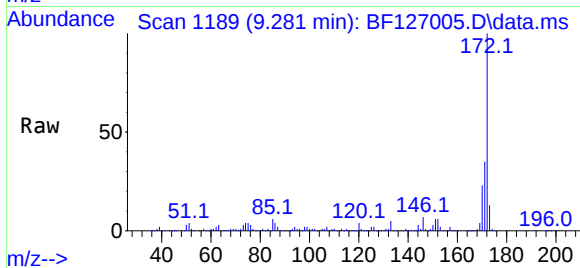
132 35.1 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 72.911 ng
RT: 9.281 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

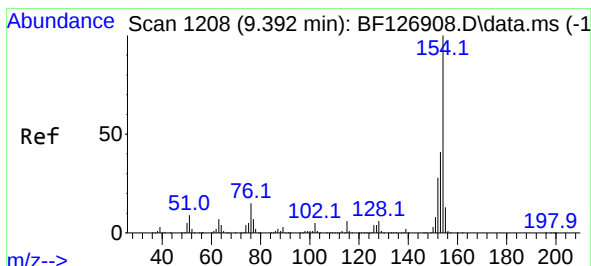
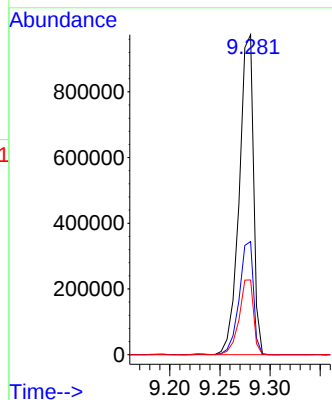
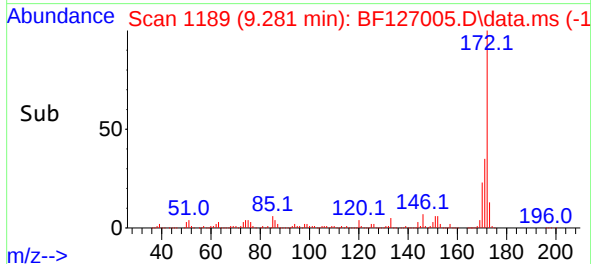
Instrument :
BNA_F
ClientSampleId :
PB142770BS



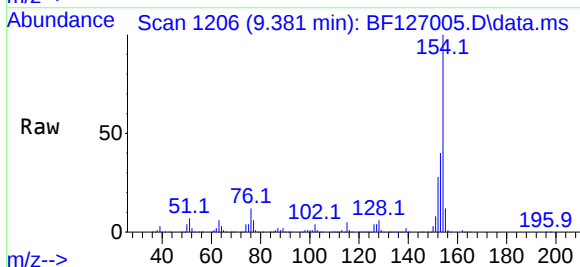
Tgt Ion:172 Resp: 968040
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 19.0 28.6

Manual Integrations
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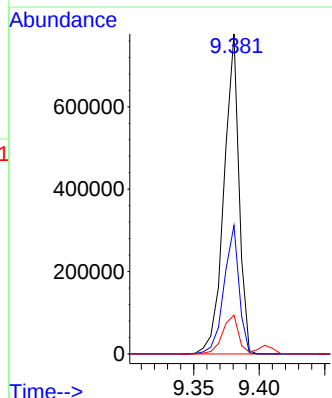
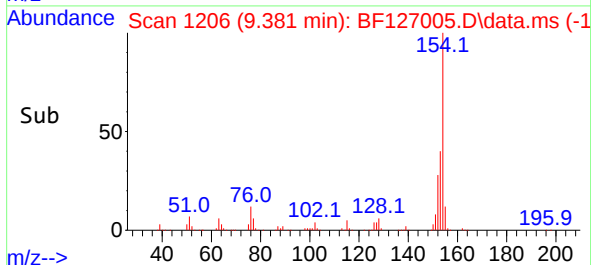
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#46
1,1'-Biphenyl
Concen: 39.789 ng
RT: 9.381 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:154 Resp: 616173
Ion Ratio Lower Upper
154 100
153 40.2 19.0 59.0
76 12.1 0.0 34.5





#47
2-Chloronaphthalene
Concen: 38.363 ng
RT: 9.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

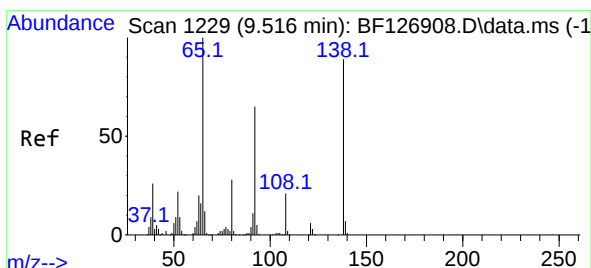
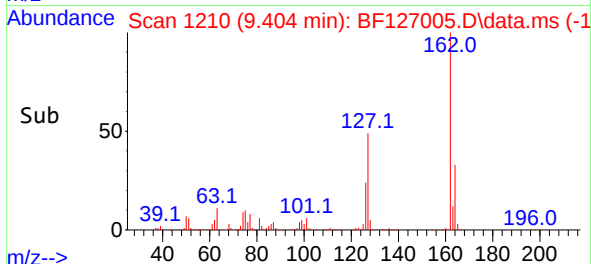
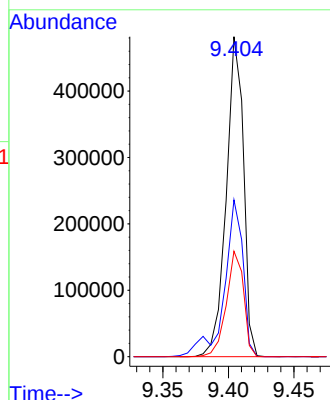
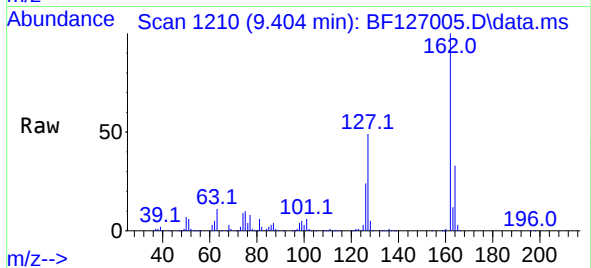
ClientSampleId :

PB142770BS

Tgt Ion:162 Resp: 44054
Ion Ratio Lower Upper
162 100
127 49.0 33.5 50.3
164 33.0 26.2 39.4

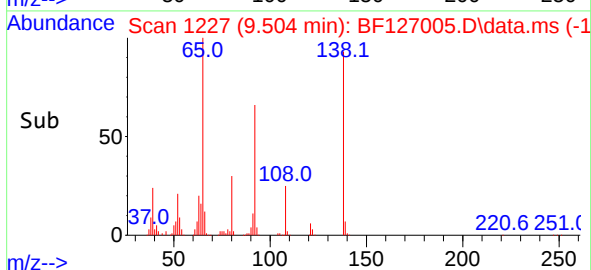
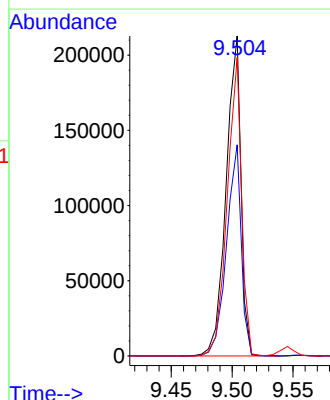
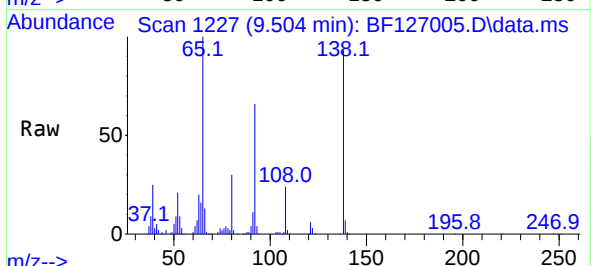
Manual Integrations
APPROVED

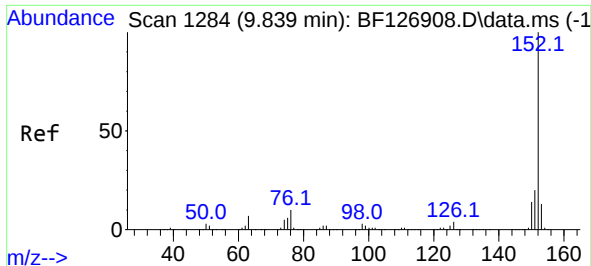
Reviewed By :Christian Giraldo 02/23/2022
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#48
2-Nitroaniline
Concen: 39.987 ng
RT: 9.504 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion: 65 Resp: 181207
Ion Ratio Lower Upper
65 100
92 66.0 54.4 81.6
138 93.2 72.5 108.7





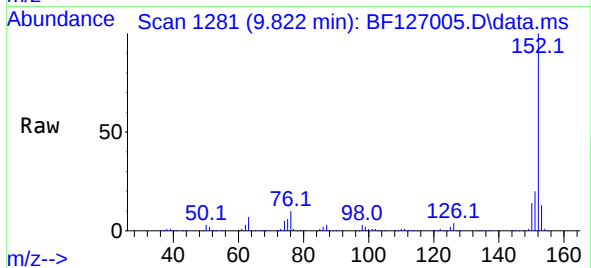
#49
Acenaphthylene
Concen: 39.906 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

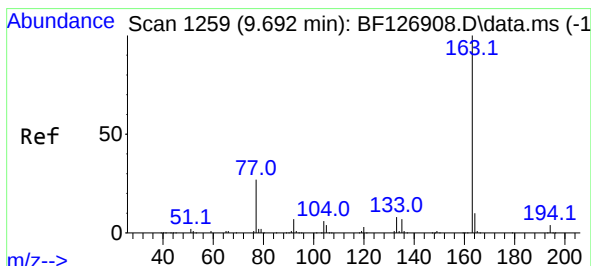
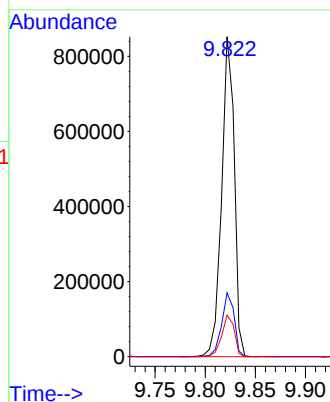
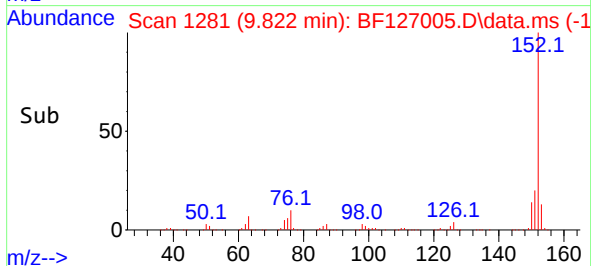


Tgt Ion:152 Resp: 74440
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.0 11.4 17.0

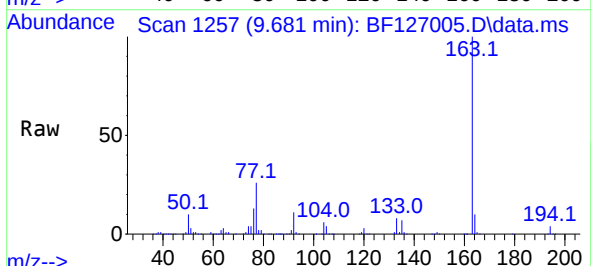
Manual Integrations

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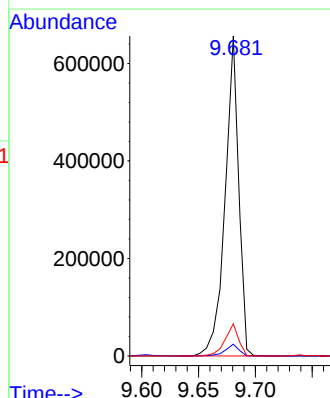
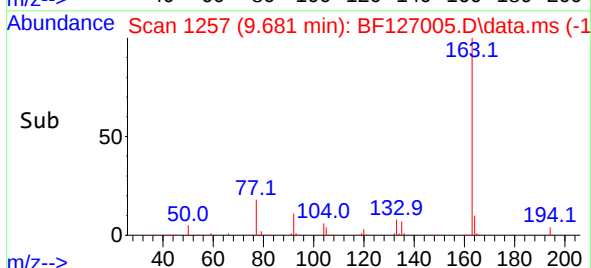
Reviewed By :Christian Giraldo 02/23/2022
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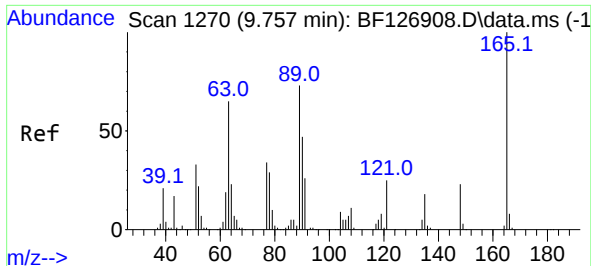


#50
Dimethylphthalate
Concen: 39.257 ng
RT: 9.681 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:163 Resp: 548472
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.1 7.8 11.8





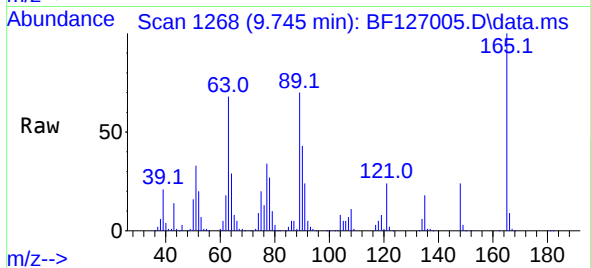
#51
2,6-Dinitrotoluene
Concen: 42.109 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

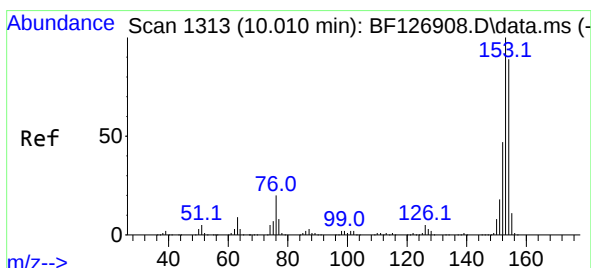
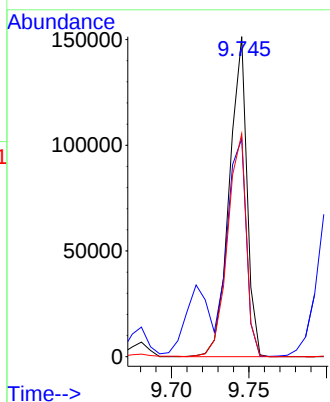
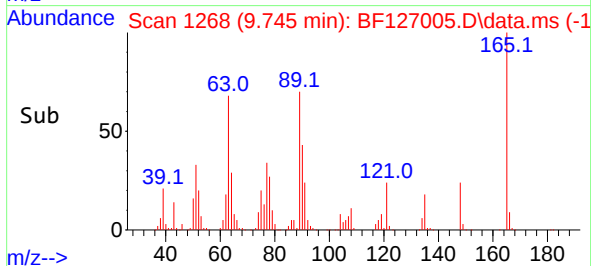


Tgt Ion:165 Resp: 119694
Ion Ratio Lower Upper
165 100
63 68.1 48.4 72.6
89 69.7 50.5 75.7

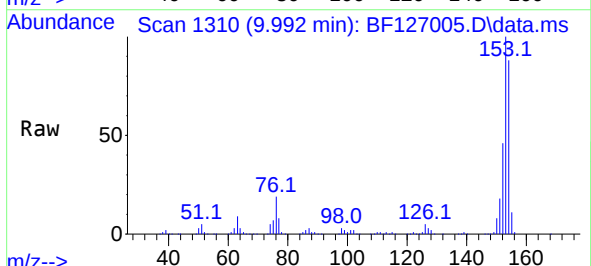
Manual Integrations

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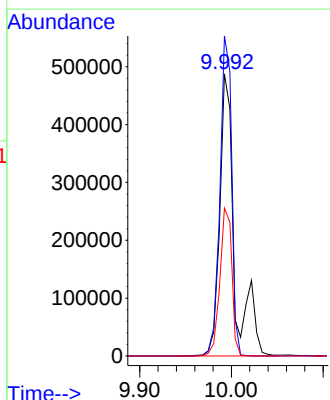
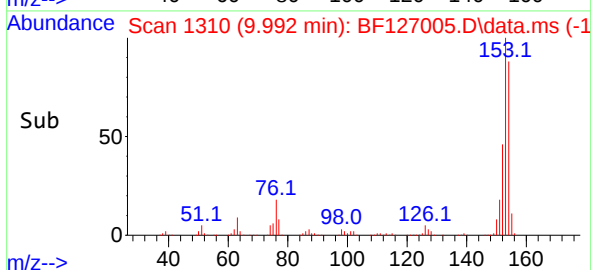
Reviewed By :Christian Giraldo 02/23/2022
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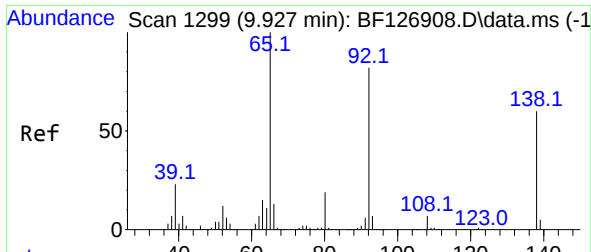


#52
Acenaphthene
Concen: 44.738 ng m
RT: 9.992 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:154 Resp: 542745
Ion Ratio Lower Upper
154 100
153 113.4 87.8 131.6
152 52.4 39.4 59.2





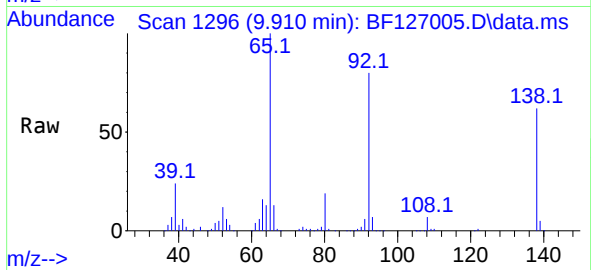
#53
3-Nitroaniline
Concen: 24.385 ng
RT: 9.910 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

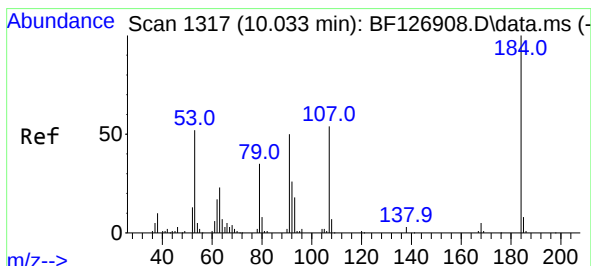
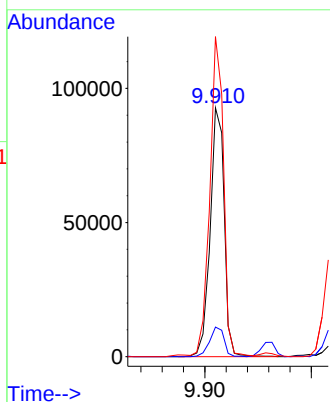
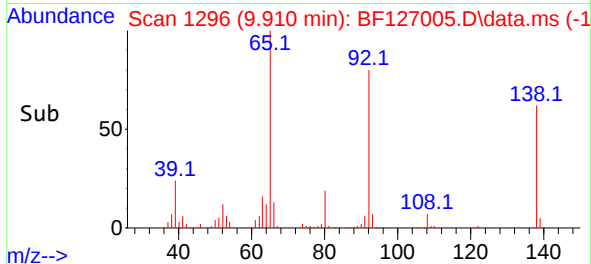
PB142770BS



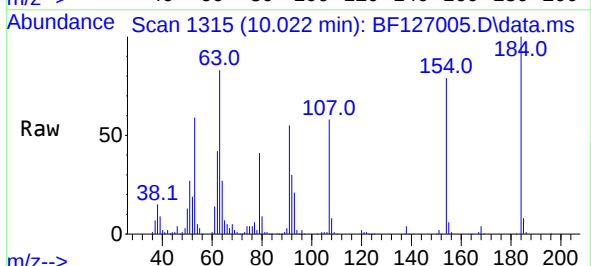
Tgt Ion:138 Resp: 84728
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 128.6 105.0 157.6

Manual Integrations
APPROVED

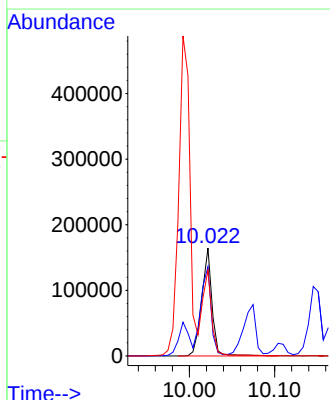
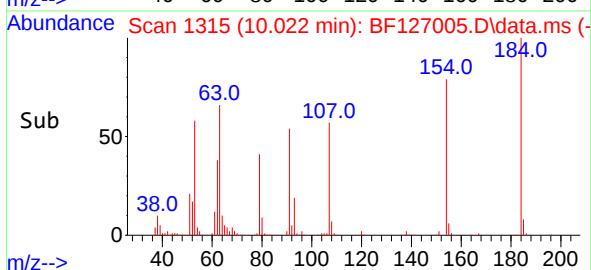
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

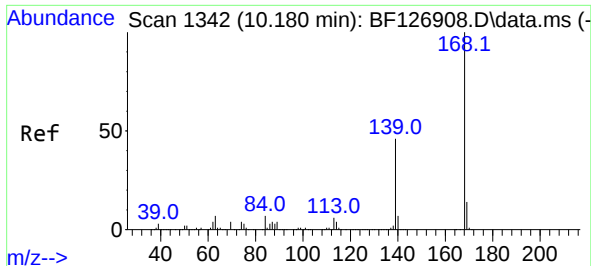


#54
2,4-Dinitrophenol
Concen: 92.142 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



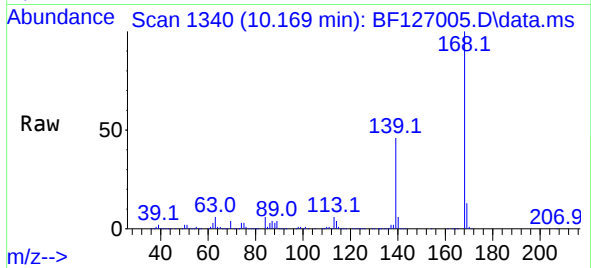
Tgt Ion:184 Resp: 138629
Ion Ratio Lower Upper
184 100
63 82.8 70.4 105.6
154 79.4 49.7 74.5#





#55
Dibenzofuran
Concen: 38.634 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

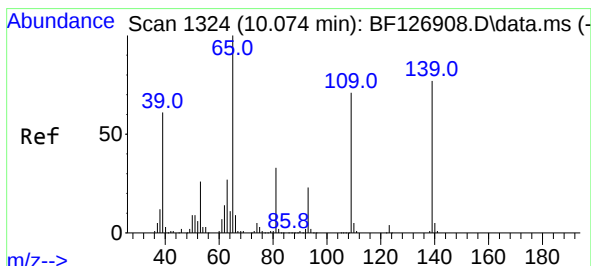
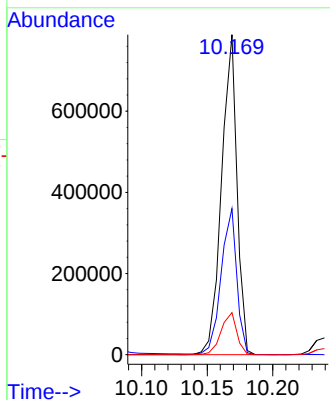
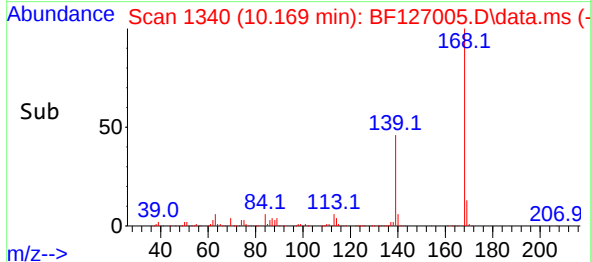
Instrument :
BNA_F
ClientSampleId :
PB142770BS



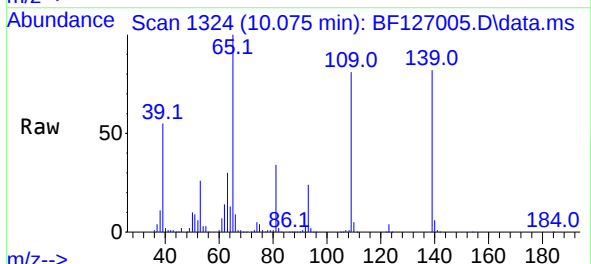
Tgt Ion:168 Resp: 64448
Ion Ratio Lower Upper
168 100
139 45.7 30.6 46.0
169 13.2 10.0 15.0

Manual Integrations
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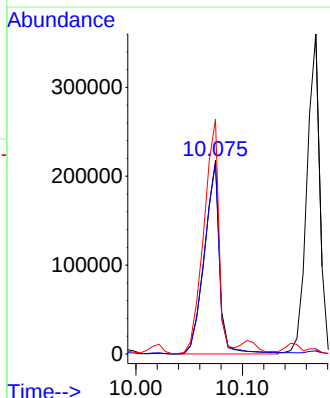
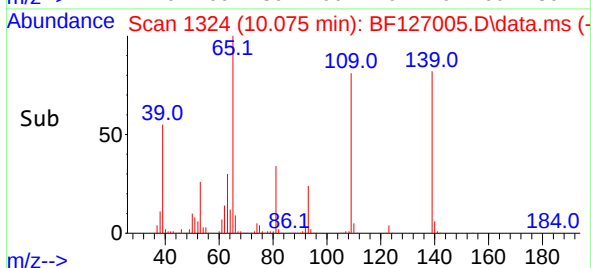
Reviewed By :Christian Giraldo 02/23/2022
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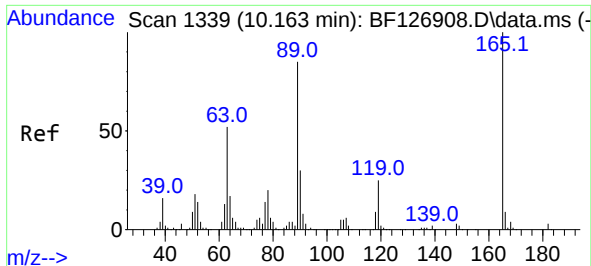


#56
4-Nitrophenol
Concen: 84.121 ng
RT: 10.075 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



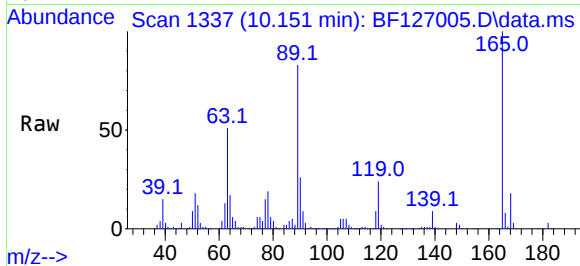
Tgt Ion:139 Resp: 215878
Ion Ratio Lower Upper
139 100
109 98.7 44.1 84.1#
65 121.3 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 43.553 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

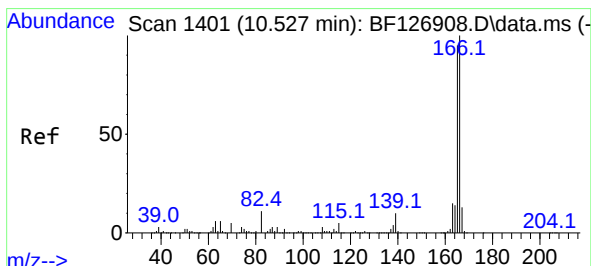
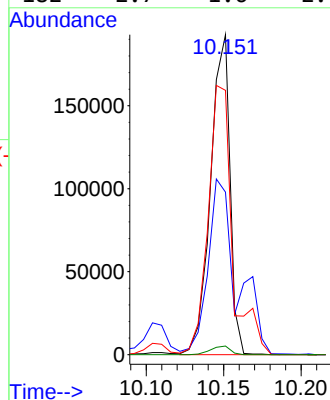
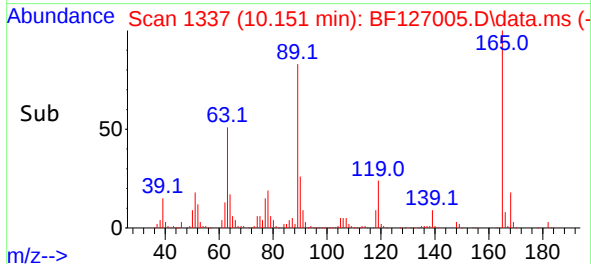
Instrument :
BNA_F
ClientSampleId :
PB142770BS



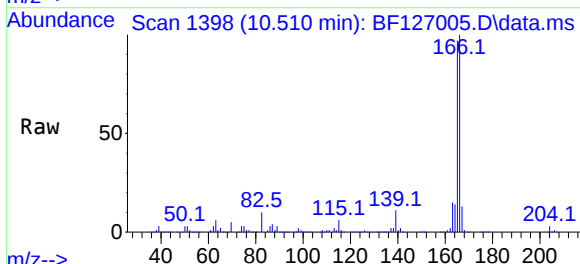
Tgt Ion:165 Resp: 16738
Ion Ratio Lower Upper
165 100
63 50.8 43.0 64.6
89 82.6 71.0 106.4
182 2.7 1.6 2.4#

Manual Integrations
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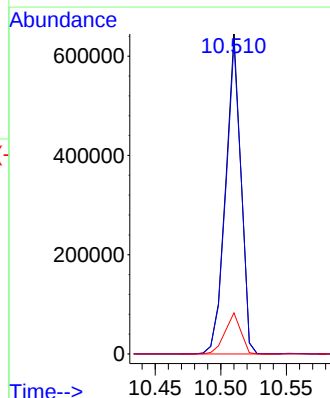
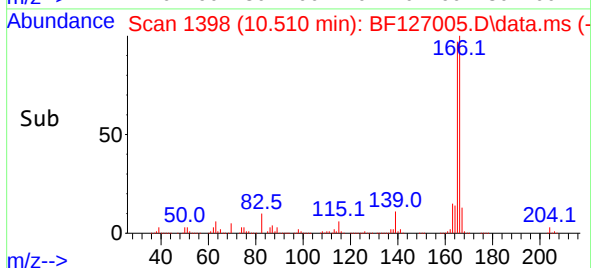
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

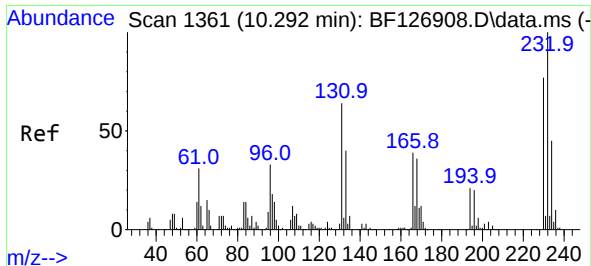


#58
Fluorene
Concen: 40.265 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



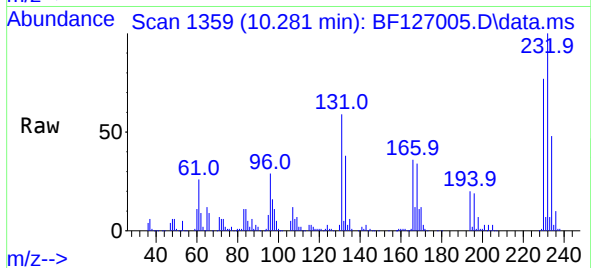
Tgt Ion:166 Resp: 523206
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 12.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.569 ng m
RT: 10.281 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

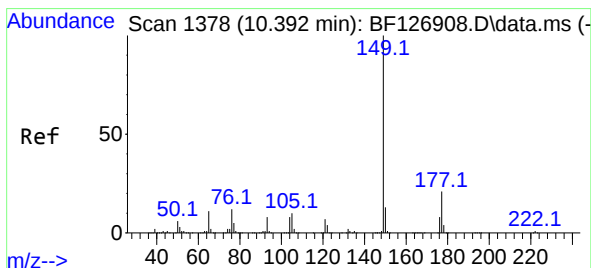
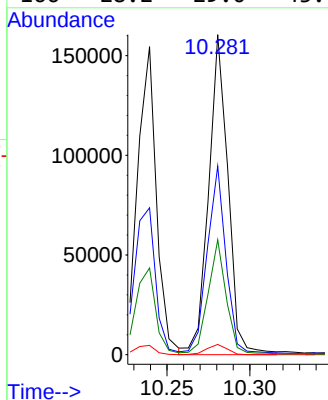
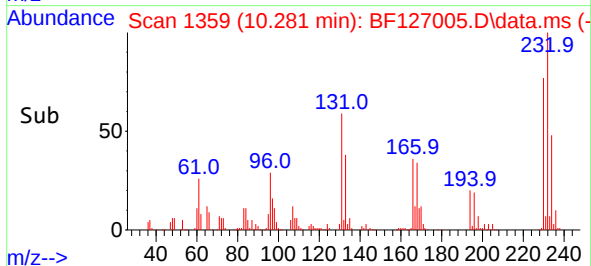
Instrument :
BNA_F
ClientSampleId :
PB142770BS



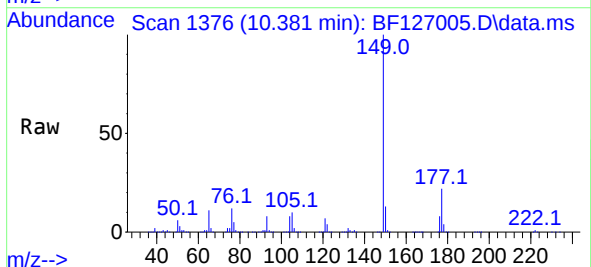
Tgt Ion:232 Resp: 130861
Ion Ratio Lower Upper
232 100
131 50.2 50.0 75.0
130 3.1 2.2 3.2
166 28.2 29.0 43.4#

Manual Integrations
APPROVED

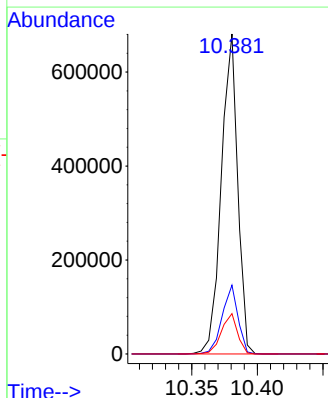
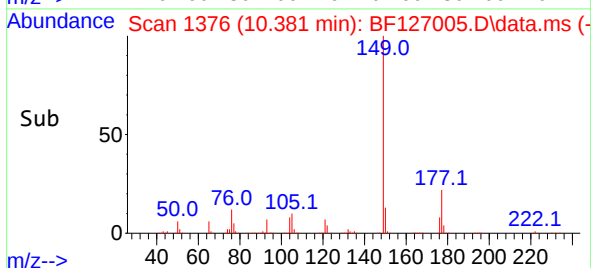
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

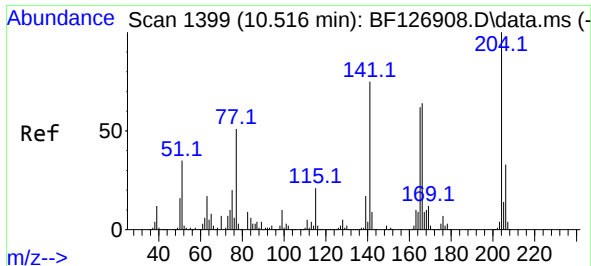


#60
Diethylphthalate
Concen: 40.331 ng
RT: 10.381 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



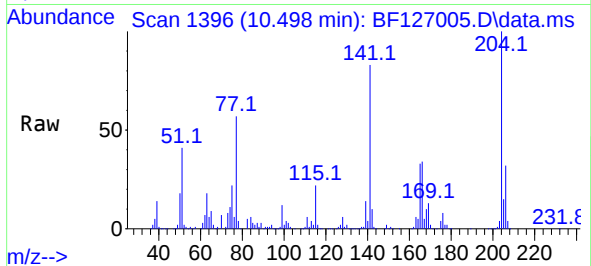
Tgt Ion:149 Resp: 588774
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 39.645 ng
RT: 10.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

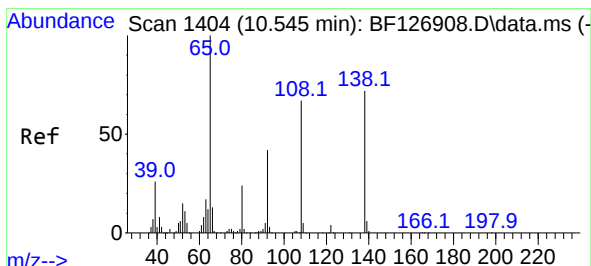
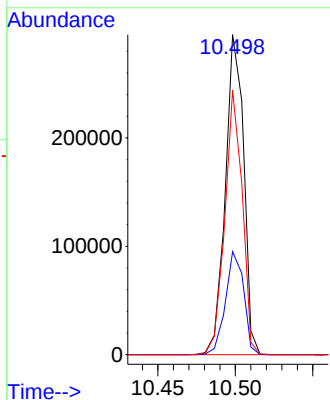
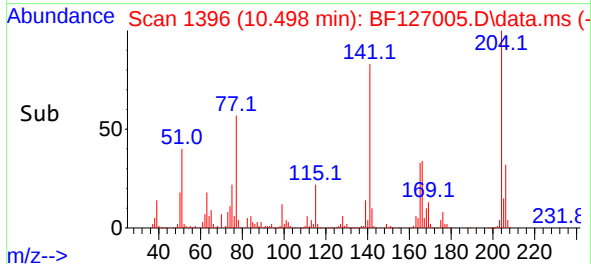
Instrument :
BNA_F
ClientSampleId :
PB142770BS



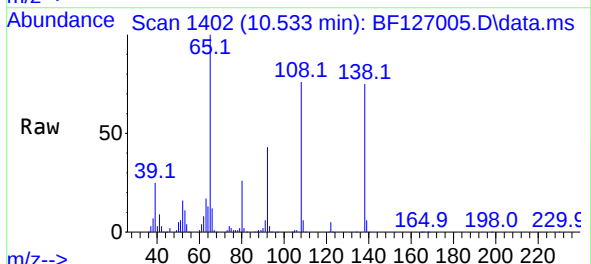
Tgt Ion:204 Resp: 242912
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 82.6 59.0 88.6

Manual Integrations
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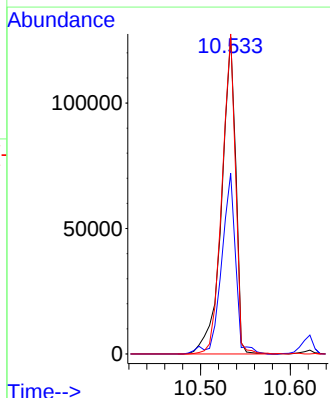
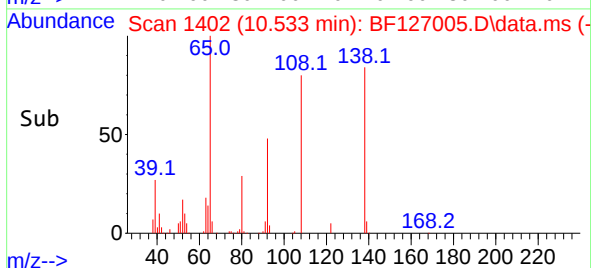
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

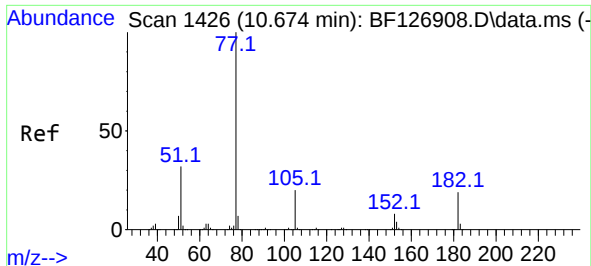


#62
4-Nitroaniline
Concen: 40.190 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



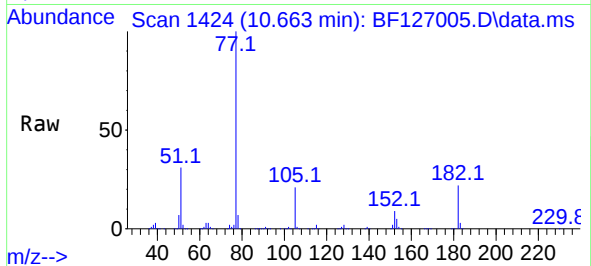
Tgt Ion:138 Resp: 137897
Ion Ratio Lower Upper
138 100
92 57.0 36.2 76.2
108 100.9 46.7 86.7#





#63
Azobenzene
Concen: 38.015 ng
RT: 10.663 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

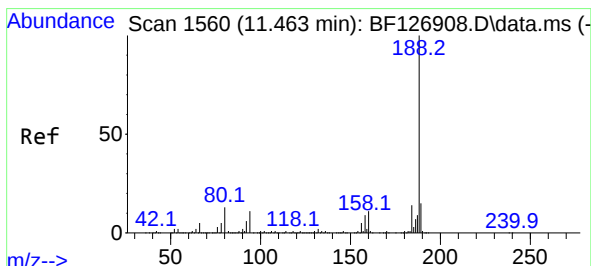
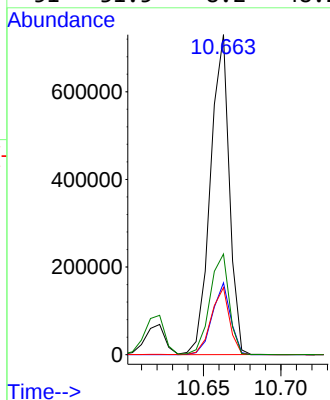
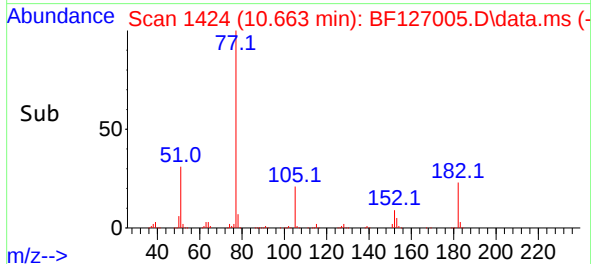
Instrument :
BNA_F
ClientSampleId :
PB142770BS



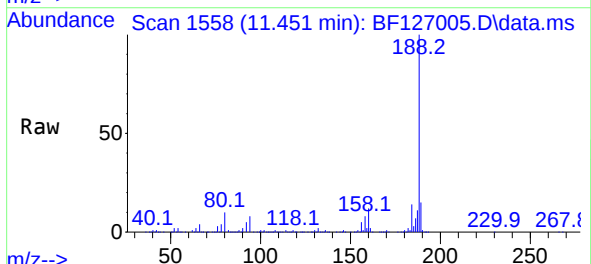
Tgt Ion: 77 Resp: 61797
Ion Ratio Lower Upper
77 100
182 22.5 0.0 39.0
105 20.9 3.2 43.2
51 31.5 8.2 48.2

Manual Integrations
APPROVED

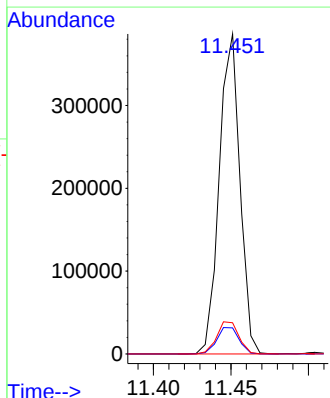
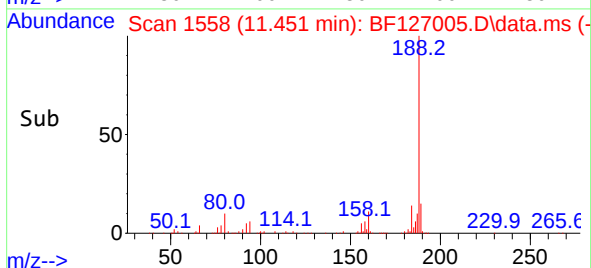
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

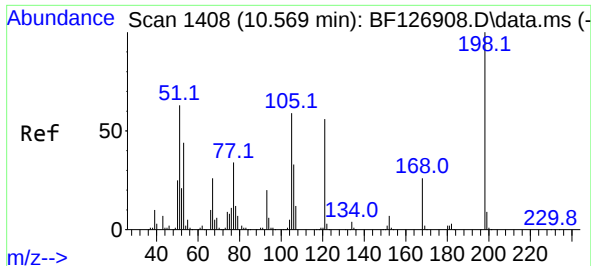


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:188 Resp: 357637
Ion Ratio Lower Upper
188 100
94 8.1 10.1 15.1#
80 9.8 11.8 17.6#





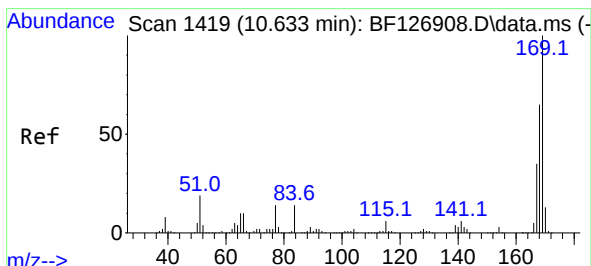
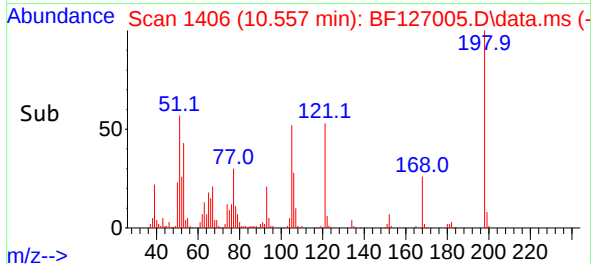
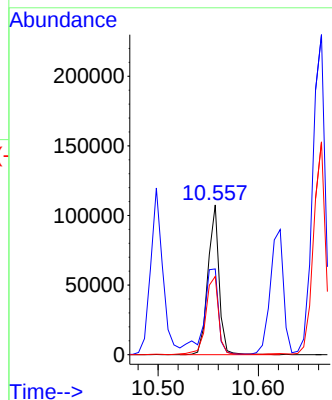
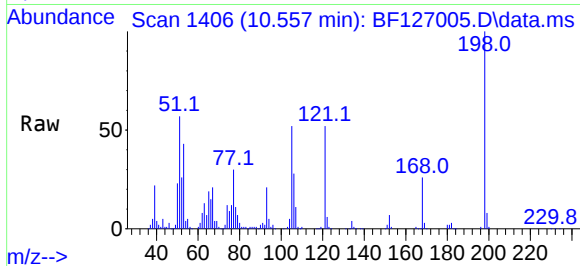
#65
4,6-Dinitro-2-methylphenol
Concen: 39.423 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB142770BS

Tgt Ion:198 Resp: 8284
Ion Ratio Lower Upper
198 100
51 57.2 32.0 72.0
105 52.2 32.7 72.7

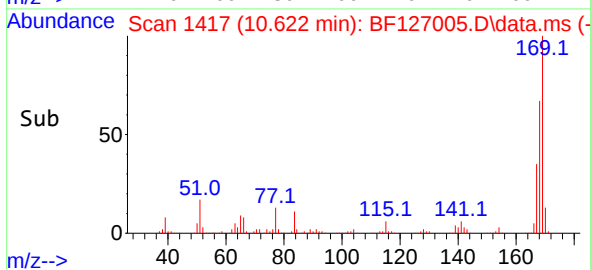
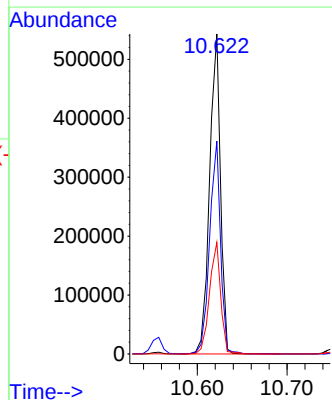
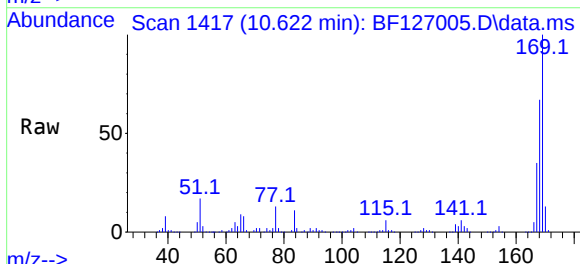
Manual Integrations
APPROVED

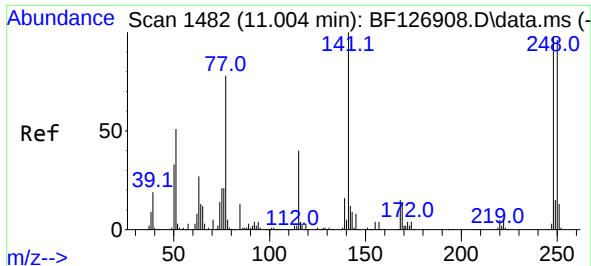
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#66
n-Nitrosodiphenylamine
Concen: 39.013 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:169 Resp: 457512
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 34.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 39.109 ng
RT: 10.992 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

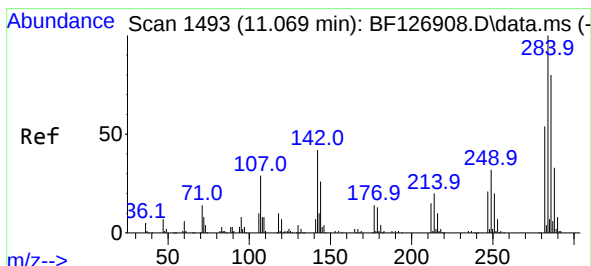
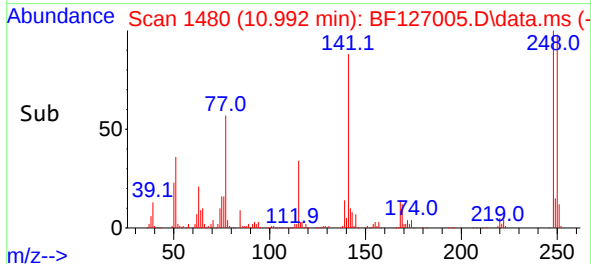
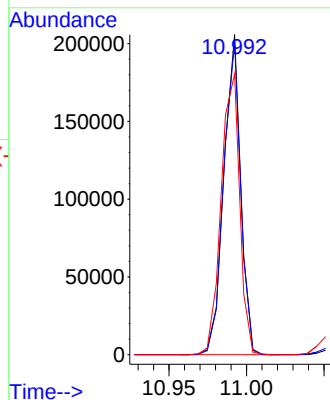
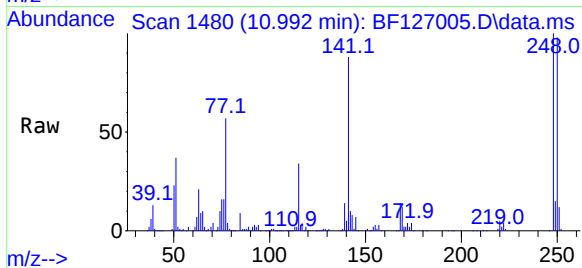
PB142770BS

Tgt Ion:248 Resp: 156270
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.4
141 87.7 66.2 99.4

Manual Integrations

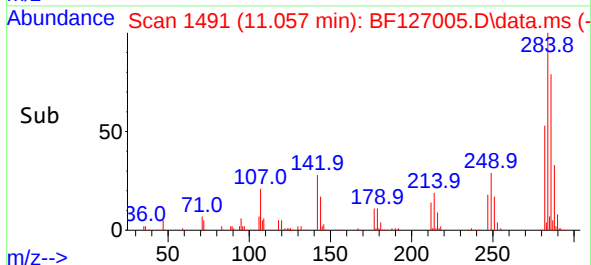
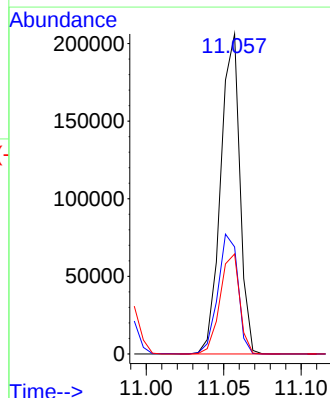
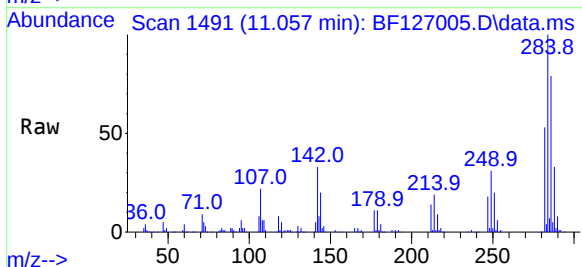
APPROVED

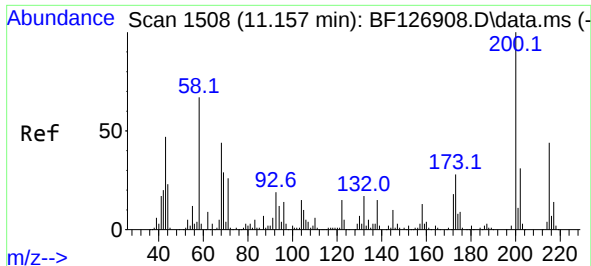
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#68
Hexachlorobenzene
Concen: 41.272 ng
RT: 11.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

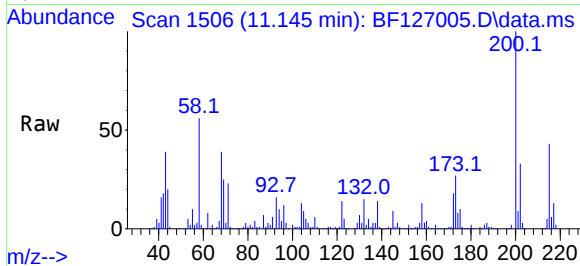
Tgt Ion:284 Resp: 177542
Ion Ratio Lower Upper
284 100
142 33.4 30.7 46.1
249 31.3 21.1 31.7





#69
Atrazine
Concen: 42.864 ng
RT: 11.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

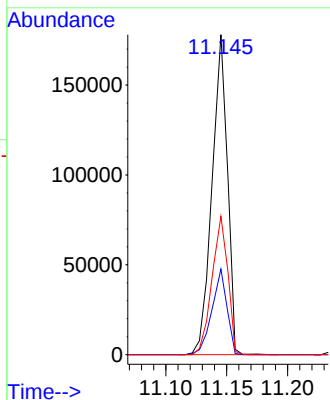
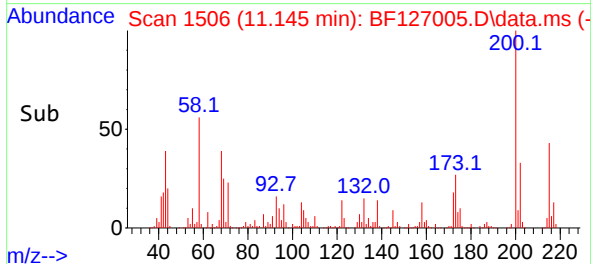
Instrument :
BNA_F
ClientSampleId :
PB142770BS



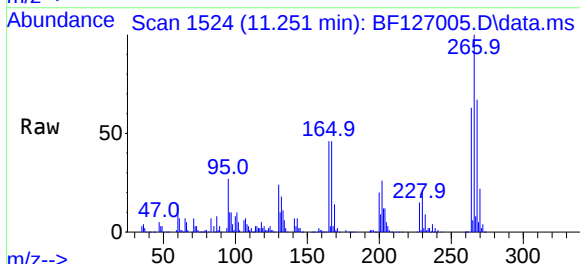
Tgt Ion:200 Resp: 155904
Ion Ratio Lower Upper
200 100
173 26.7 9.2 49.2
215 43.2 23.2 63.2

Manual Integrations
APPROVED

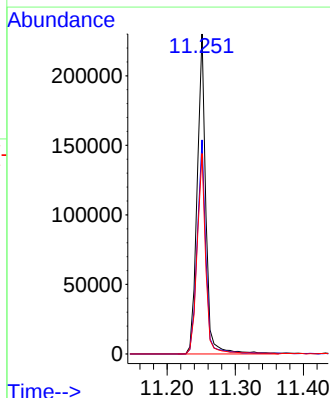
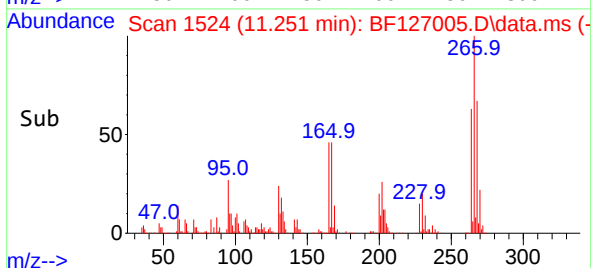
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

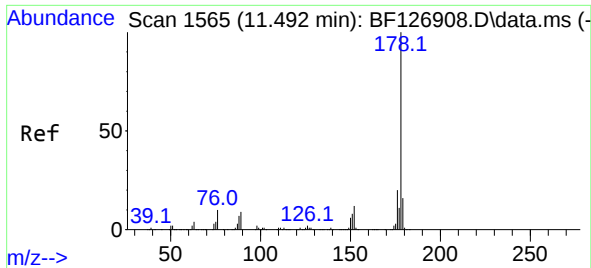


#70
Pentachlorophenol
Concen: 86.305 ng
RT: 11.251 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:266 Resp: 202664
Ion Ratio Lower Upper
266 100
268 66.9 52.3 78.5
264 62.6 50.4 75.6





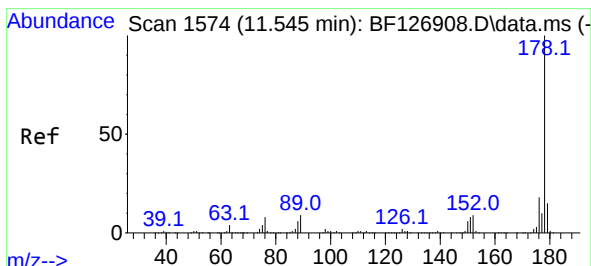
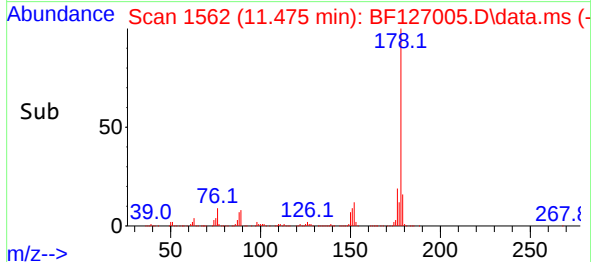
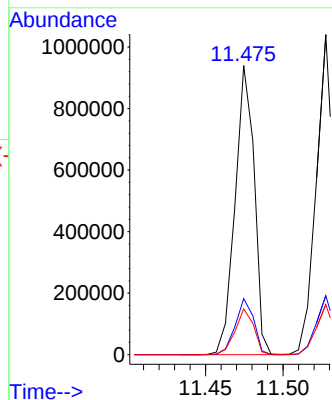
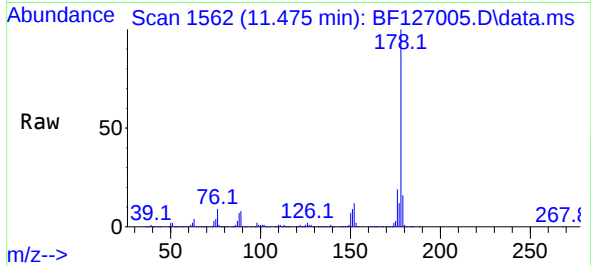
#71
Phenanthrene
Concen: 40.318 ng
RT: 11.475 min Scan# 11571
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :
BNA_F
ClientSampleId :
PB142770BS

Tgt Ion:178 Resp: 807065
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.8 12.3 18.5

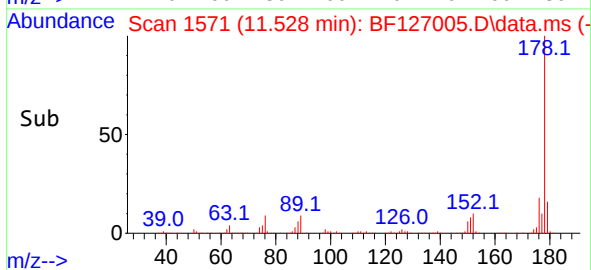
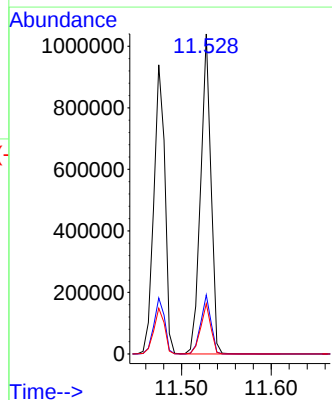
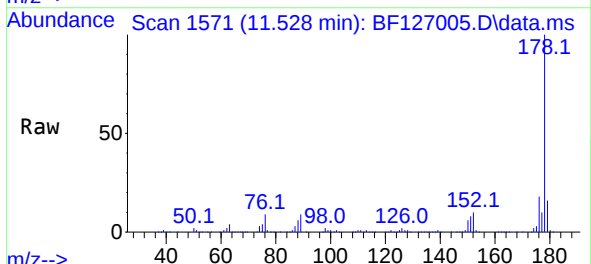
Manual Integrations
APPROVED

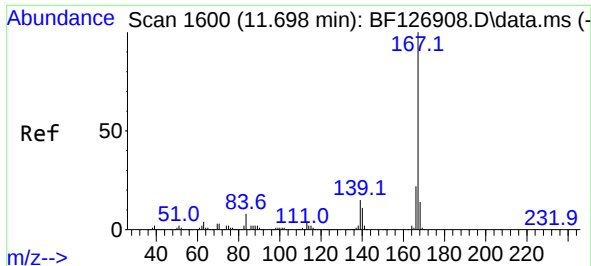
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#72
Anthracene
Concen: 41.486 ng
RT: 11.528 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

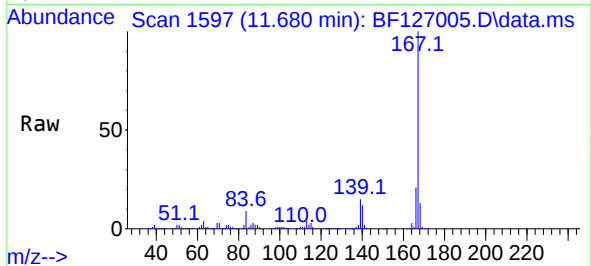
Tgt Ion:178 Resp: 826737
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.7 12.5 18.7





#73
Carbazole
Concen: 39.196 ng
RT: 11.680 min Scan# 116294
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

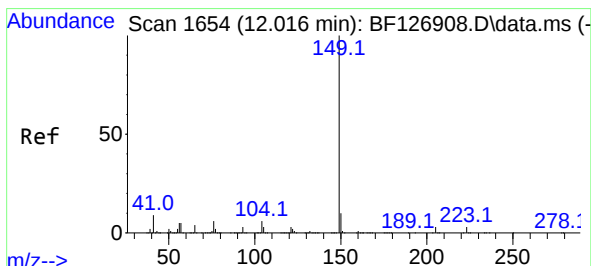
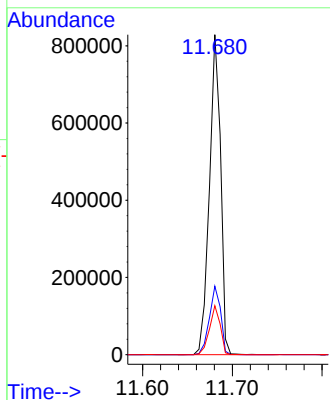
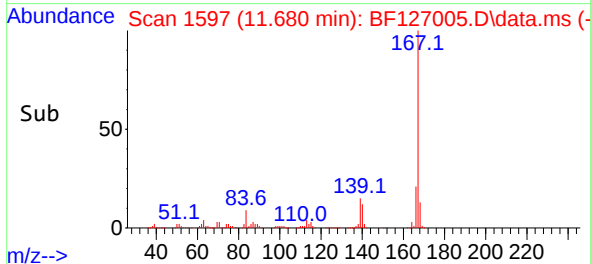
Instrument :
BNA_F
ClientSampleId :
PB142770BS



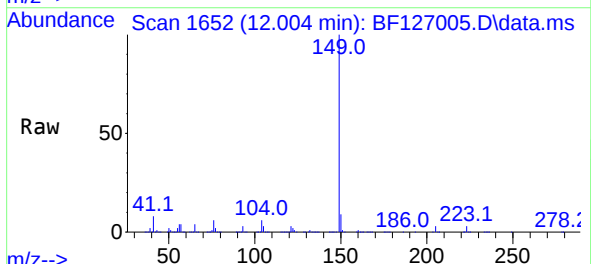
Tgt Ion:167 Resp: 716294
Ion Ratio Lower Upper
167 100
166 21.4 16.9 25.3
139 15.3 11.3 16.9

Manual Integrations
APPROVED

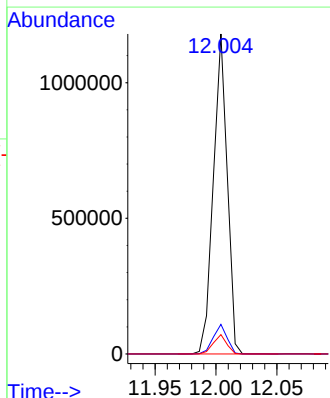
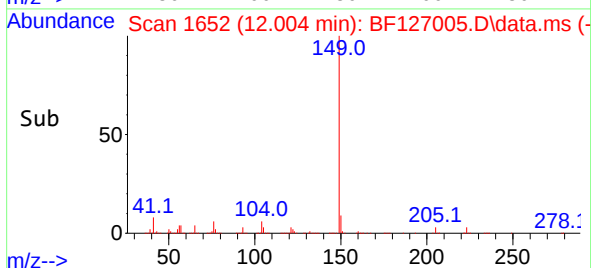
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

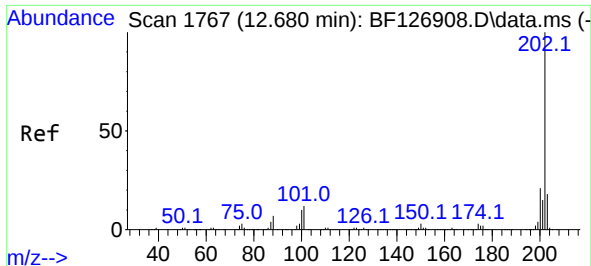


#74
Di-n-butylphthalate
Concen: 39.642 ng
RT: 12.004 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:149 Resp: 931333
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 6.1 4.2 6.2





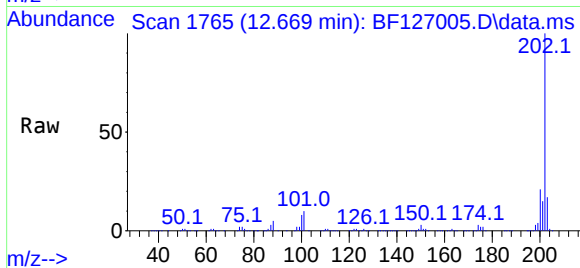
#75
Fluoranthene
Concen: 42.861 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

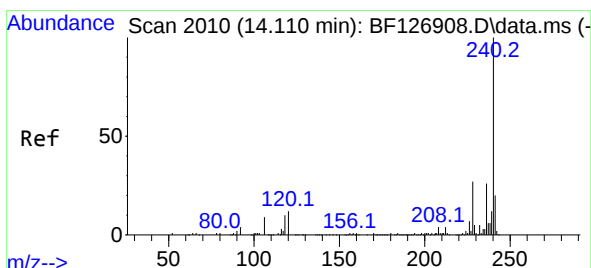
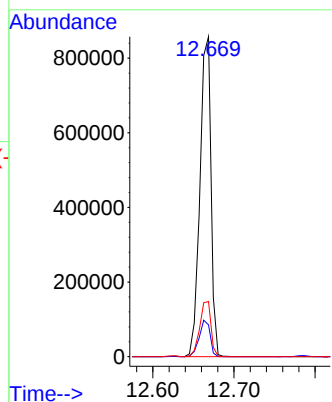
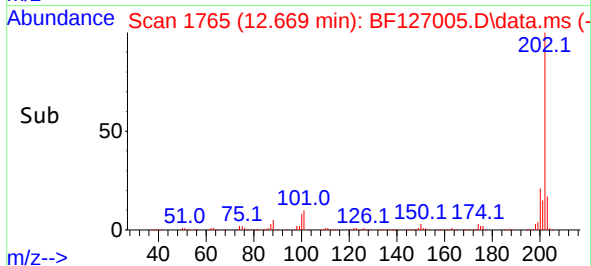


Tgt Ion:202 Resp: 814649
Ion Ratio Lower Upper
202 100
101 9.9 0.0 35.7
203 17.2 0.0 37.1

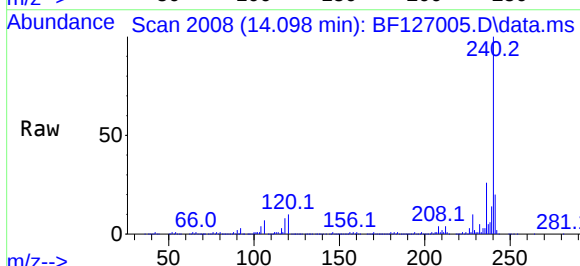
Manual Integrations

APPROVED

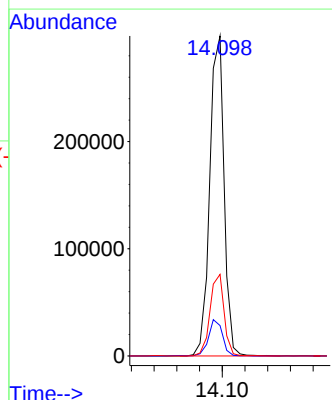
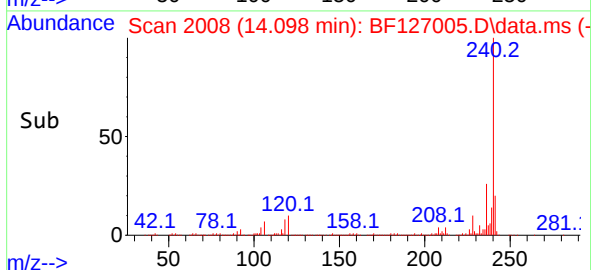
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



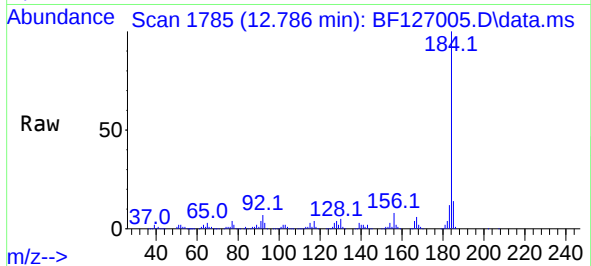
Tgt Ion:240 Resp: 261092
Ion Ratio Lower Upper
240 100
120 9.5 14.4 21.6#
236 25.5 20.5 30.7





#77
Benzidine
Concen: 38.154 ng
RT: 12.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

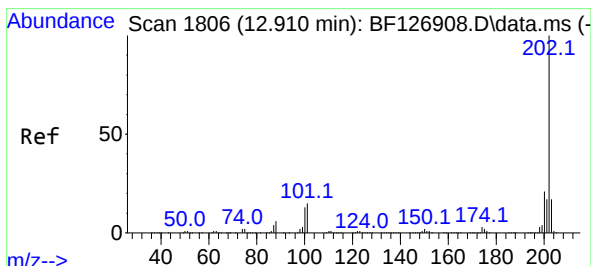
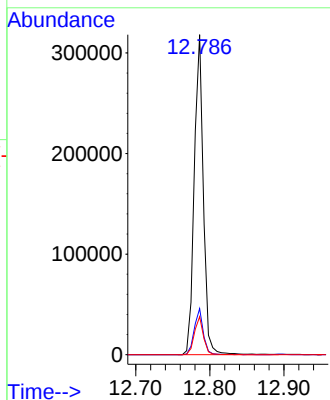
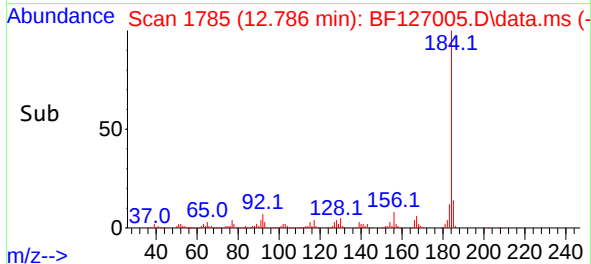
Instrument :
BNA_F
ClientSampleId :
PB142770BS



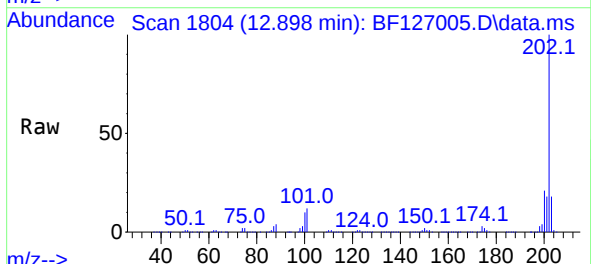
Tgt Ion:184 Resp: 270711
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.9 8.2 12.2

Manual Integrations
APPROVED

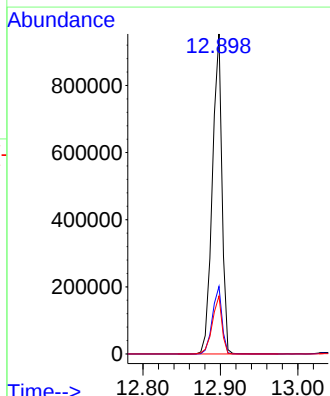
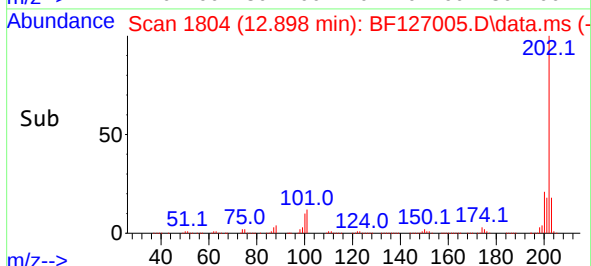
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#78
Pyrene
Concen: 36.164 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:202 Resp: 820320
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 18.1 13.8 20.8





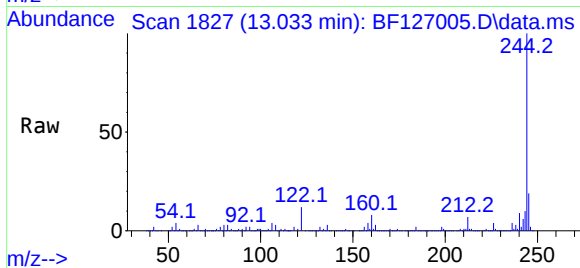
#79
Terphenyl-d14
Concen: 70.036 ng
RT: 13.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

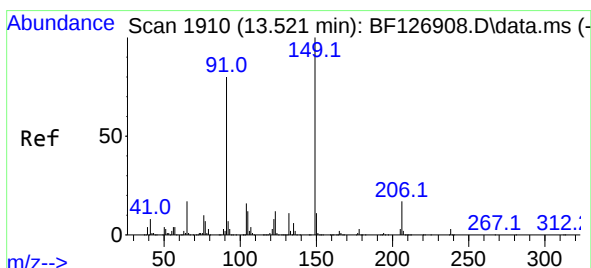
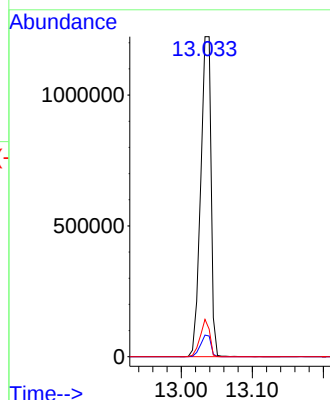
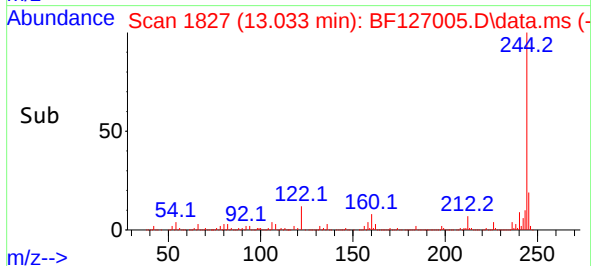


Tgt Ion:244 Resp: 124389
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.7 13.3 19.9

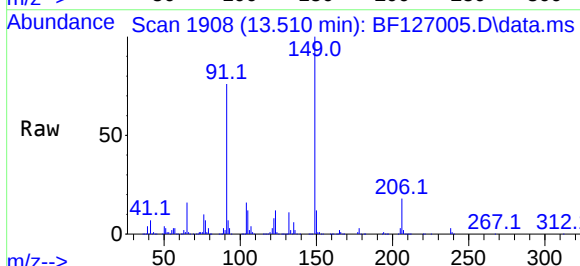
Manual Integrations

APPROVED

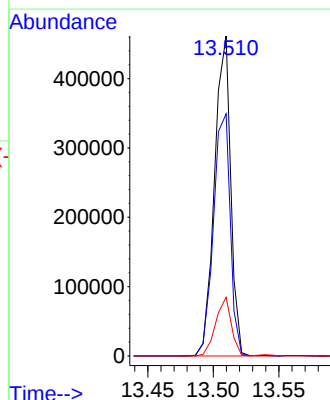
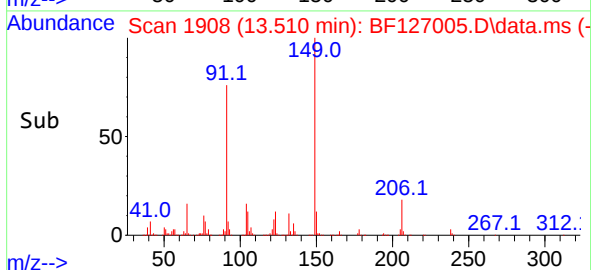
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

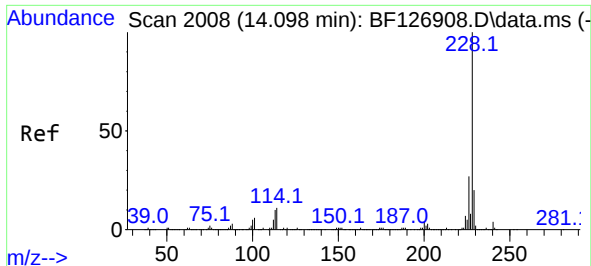


#80
Butylbenzylphthalate
Concen: 36.795 ng
RT: 13.510 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



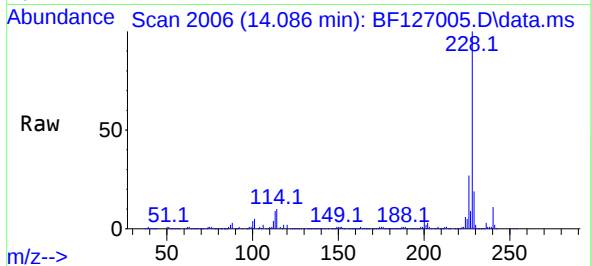
Tgt Ion:149 Resp: 395126
Ion Ratio Lower Upper
149 100
91 75.7 70.5 105.7
206 18.3 12.6 19.0





#81
Benzo(a)anthracene
Concen: 39.123 ng
RT: 14.086 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

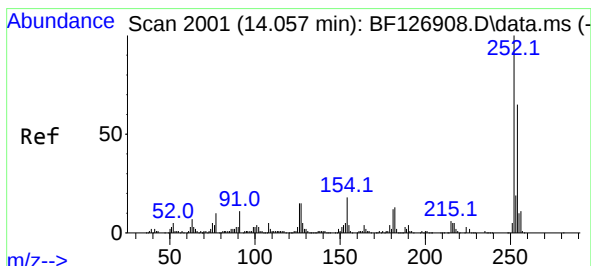
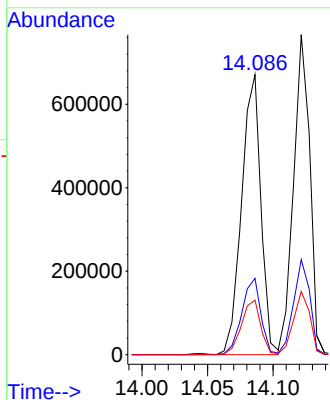
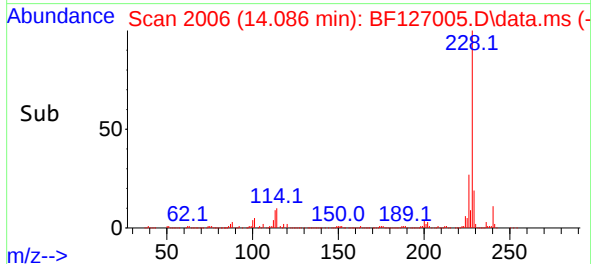
Instrument :
BNA_F
ClientSampleId :
PB142770BS



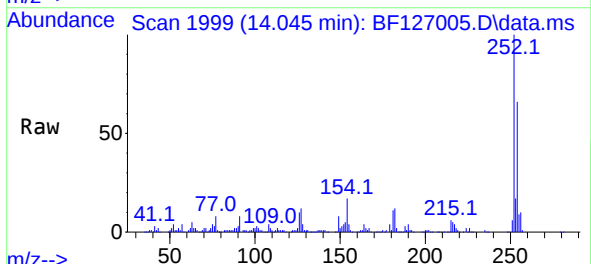
Tgt Ion:228 Resp: 688635
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.5 15.4 23.2

Manual Integrations
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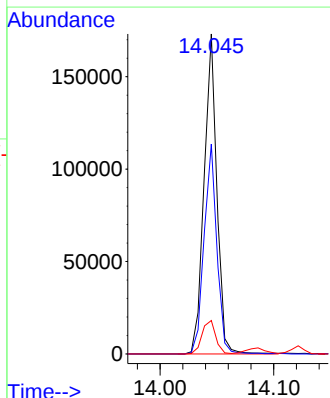
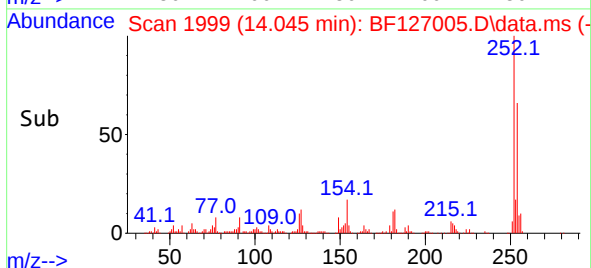
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

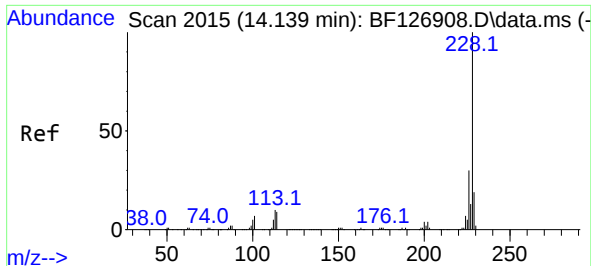


#82
3,3'-Dichlorobenzidine
Concen: 24.405 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:252 Resp: 135382
Ion Ratio Lower Upper
252 100
254 65.6 51.0 76.4
126 10.5 13.4 20.0#





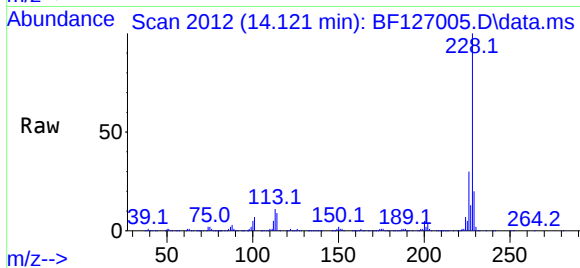
#83
Chrysene
Concen: 39.842 ng
RT: 14.121 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

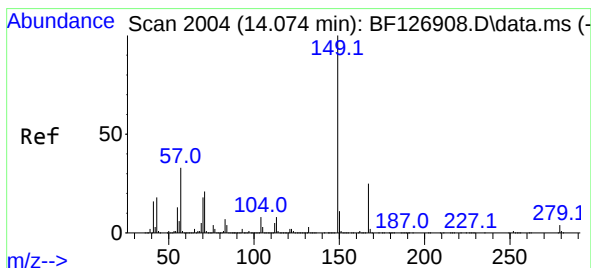
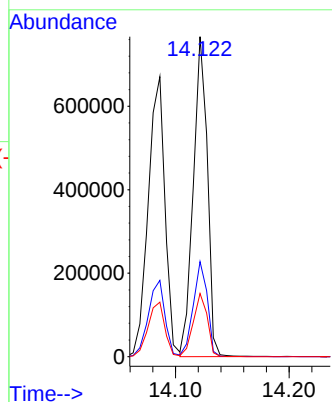
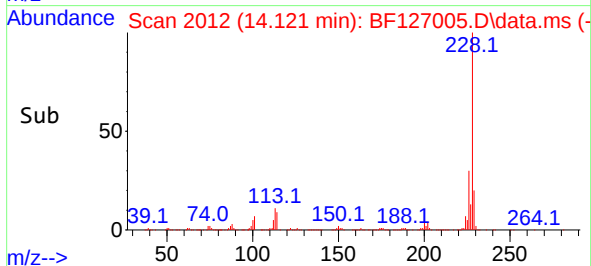


Tgt Ion:228 Resp: 659469
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 19.7 15.5 23.3

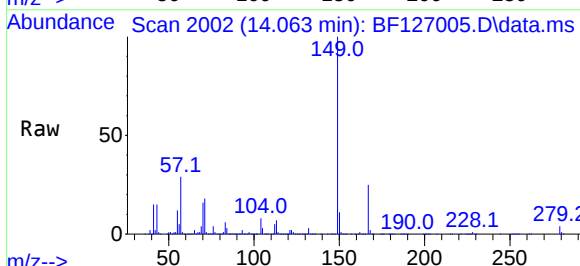
Manual Integrations

APPROVED

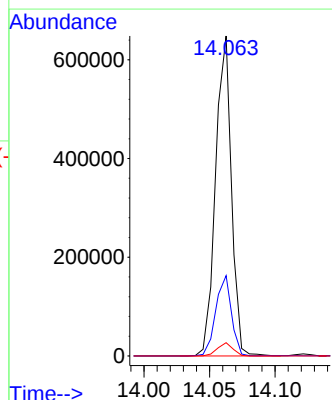
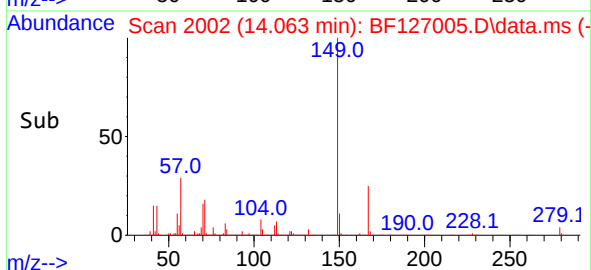
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

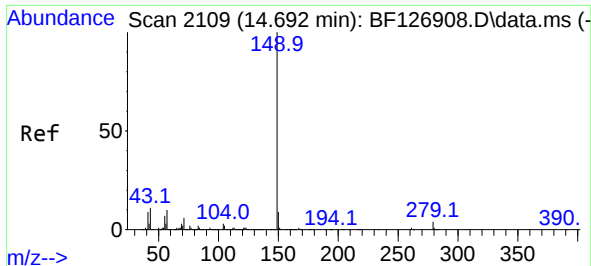


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.599 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:149 Resp: 544192
Ion Ratio Lower Upper
149 100
167 25.1 21.4 32.2
279 4.1 2.4 3.6#





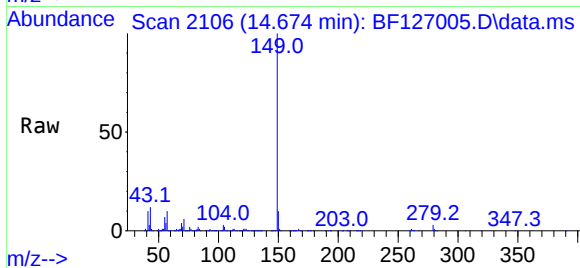
#85
Di-n-octyl phthalate
Concen: 41.376 ng
RT: 14.674 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

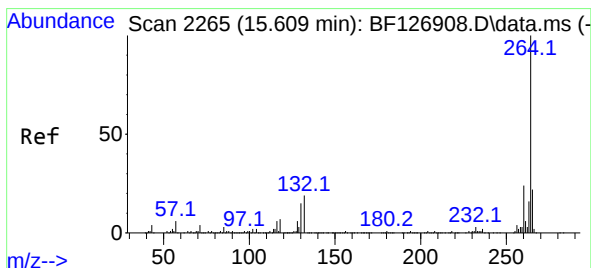
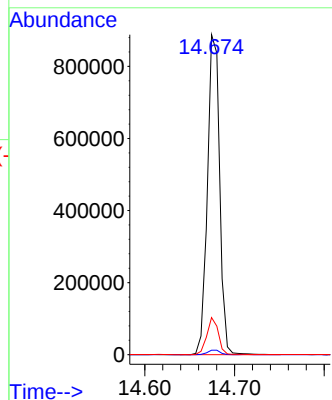
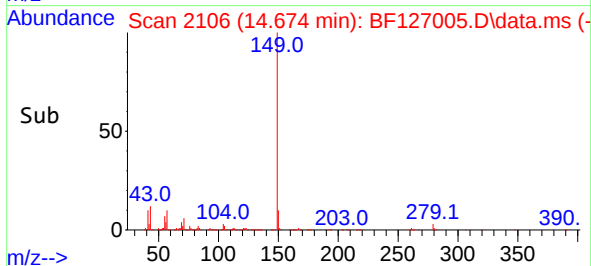


Tgt Ion:149 Resp: 839888
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.1 9.9 14.9

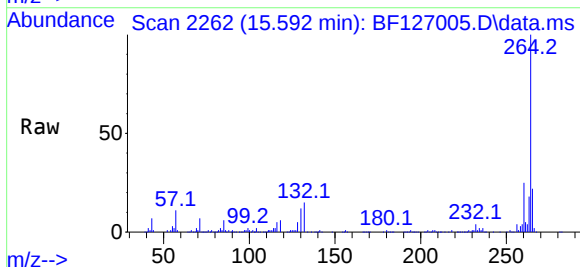
Manual Integrations

APPROVED

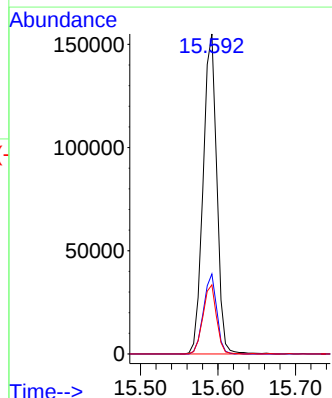
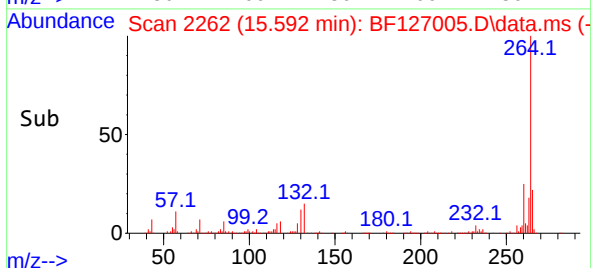
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

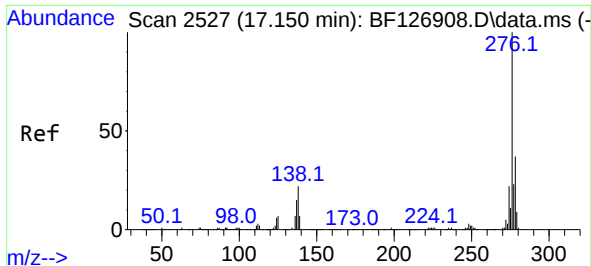


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21



Tgt Ion:264 Resp: 189946
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 21.6 17.4 26.2





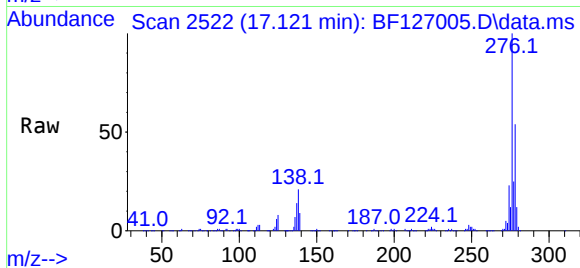
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.053 ng
RT: 17.121 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

PB142770BS

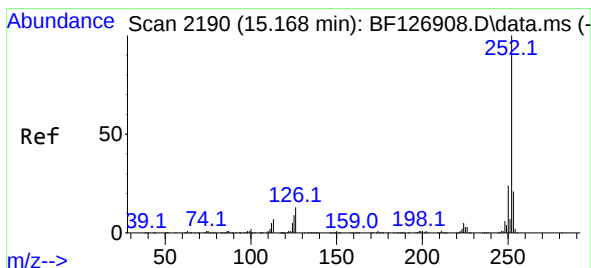
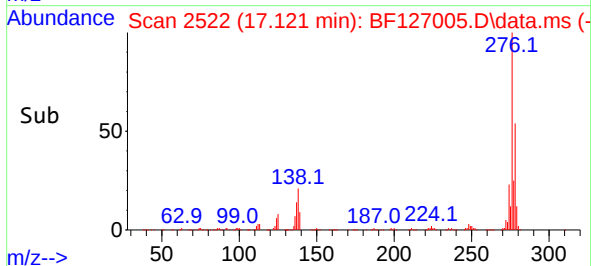
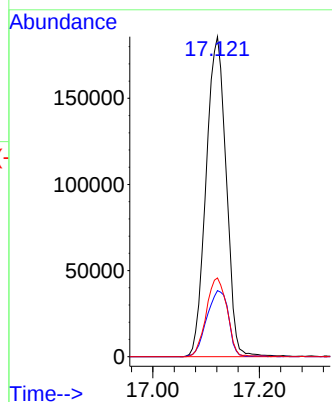


Tgt Ion:276 Resp: 486400
Ion Ratio Lower Upper
276 100
138 22.3 29.2 43.8
277 25.5 19.8 29.8

Manual Integrations

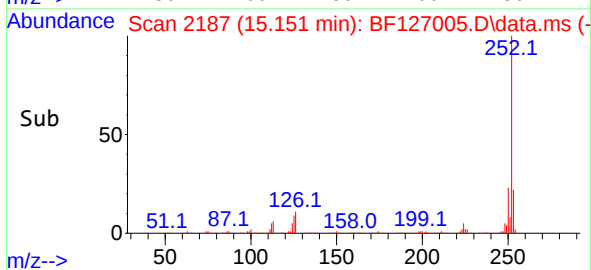
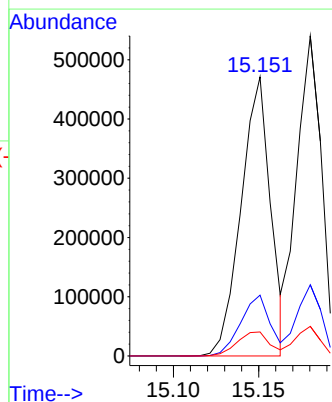
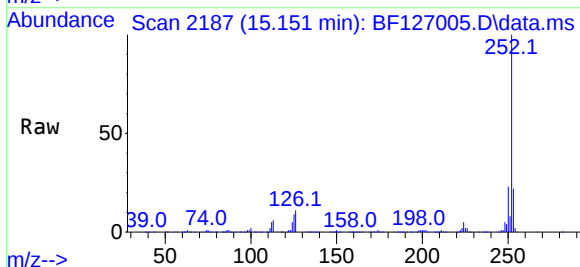
APPROVED

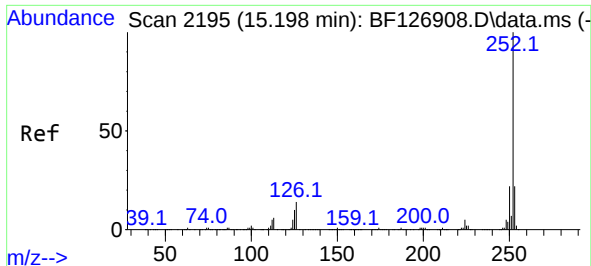
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#88
Benzo(b)fluoranthene
Concen: 44.417 ng
RT: 15.151 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:252 Resp: 566652
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.6 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 44.868 ng

RT: 15.180 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

ClientSampleId :

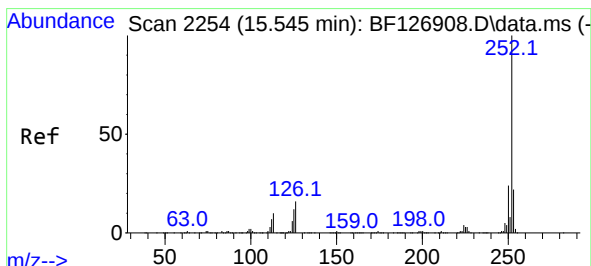
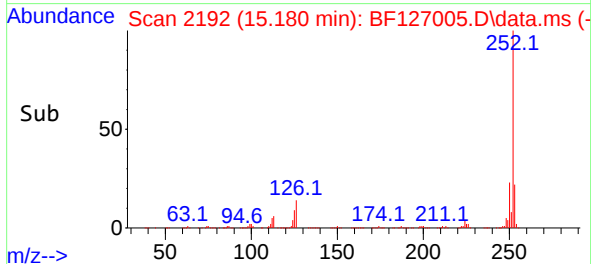
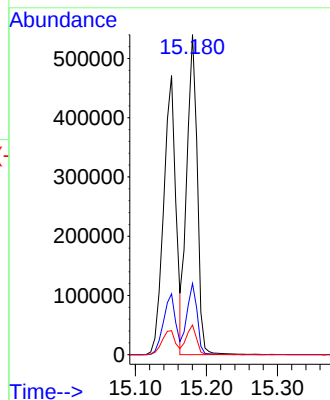
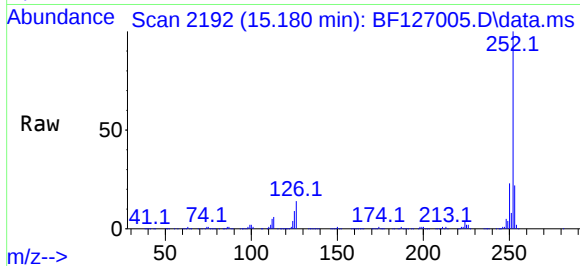
PB142770BS

Tgt Ion:252 Resp: 552095
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.3 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022
 Supervised By :Jagrut Upadhyay 02/23/2022



#90

Benzo(a)pyrene

Concen: 50.206 ng

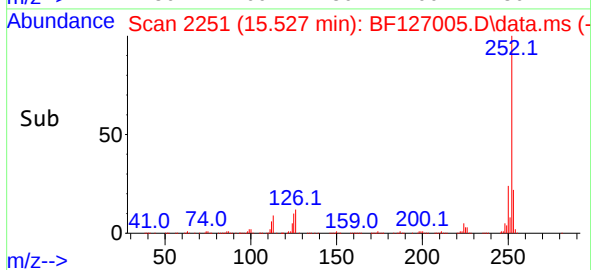
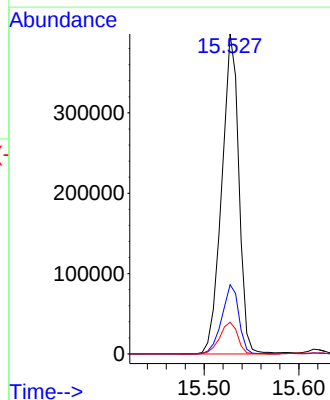
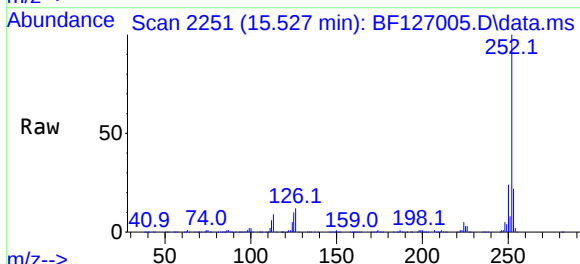
RT: 15.527 min Scan# 2251

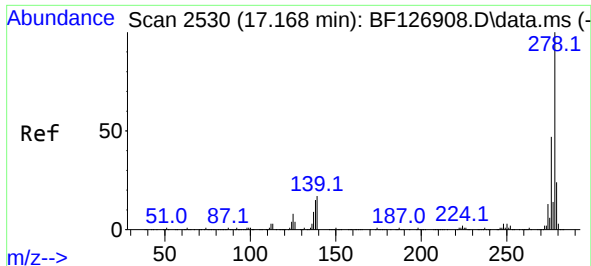
Delta R.T. 0.000 min

Lab File: BF127005.D

Acq: 22 Feb 2022 13:21

Tgt Ion:252 Resp: 500298
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.1 25.7
 125 9.9 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 40.149 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Instrument :

BNA_F

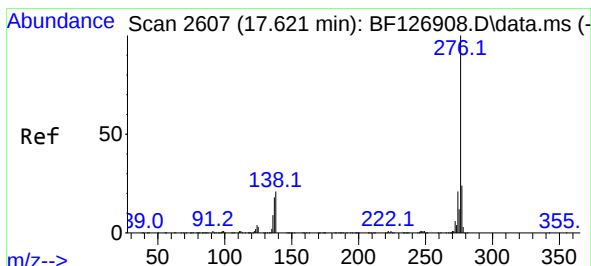
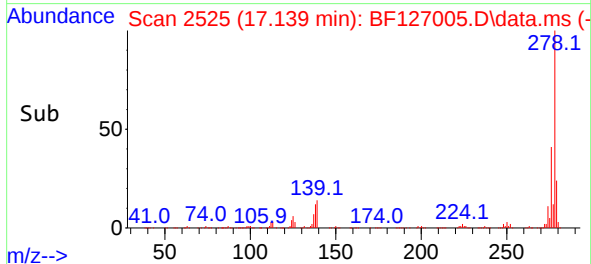
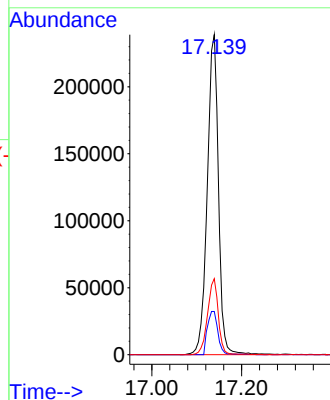
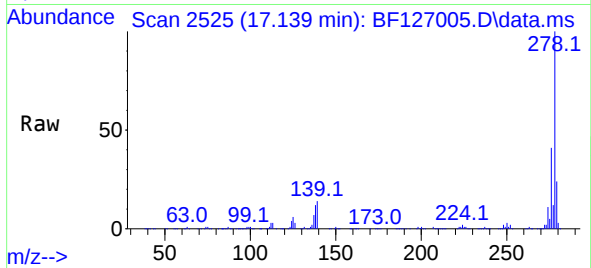
ClientSampleId :

PB142770BS

Tgt Ion:278 Resp: 41357
Ion Ratio Lower Upper
278 100
139 13.5 18.0 27.0
279 23.8 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#92
Benzo(g,h,i)perylene
Concen: 39.242 ng
RT: 17.586 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BF127005.D
Acq: 22 Feb 2022 13:21

Tgt Ion:276 Resp: 398518
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 18.3 25.9 38.9

