

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127918.D
 Acq On : 26 Apr 2022 17:48
 Operator : CG\JU
 Sample : N2559-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-10SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 01:48:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	152934	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	613944	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	352630	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	626226	20.000	ng	0.00
76) Chrysene-d12	14.127	240	312301	20.000	ng	0.00
86) Perylene-d12	15.639	264	318125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	916470	95.449	ng	0.02
7) Phenol-d6	6.575	99	1211113	97.209	ng	0.00
23) Nitrobenzene-d5	7.510	82	881400	67.510	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	346062	97.487	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1459419	70.016	ng	0.00
79) Terphenyl-d14	13.069	244	1388227	81.282	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	177822	38.816	ng	98
3) Pyridine	3.652	79	470125	40.051	ng	100
4) n-Nitrosodimethylamine	3.610	42	257714	45.358	ng	97
6) Aniline	6.610	93	642424	43.400	ng	99
8) 2-Chlorophenol	6.728	128	482581	48.425	ng	99
9) Benzaldehyde	6.498	77	313913	40.729	ng	96
10) Phenol	6.587	94	591433m	47.067	ng	
11) bis(2-Chloroethyl)ether	6.681	93	482106	46.251	ng	98
12) 1,3-Dichlorobenzene	6.887	146	496469	43.279	ng	99
13) 1,4-Dichlorobenzene	6.963	146	503816	44.001	ng	99
14) 1,2-Dichlorobenzene	7.110	146	475861	44.893	ng	98
15) Benzyl Alcohol	7.093	79	442454	52.223	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	739352	46.409	ng	97
17) 2-Methylphenol	7.198	107	427669	49.738	ng	97
18) Hexachloroethane	7.457	117	194986	46.321	ng	98
19) n-Nitroso-di-n-propyla...	7.357	70	366941	48.113	ng	97
20) 3+4-Methylphenols	7.345	107	462516	44.529	ng	94
22) Acetophenone	7.357	105	646404	43.198	ng	95
24) Nitrobenzene	7.528	77	568329	45.174	ng	99
25) Isophorone	7.769	82	1081390	49.212	ng	100
26) 2-Nitrophenol	7.845	139	258975	48.307	ng	93
27) 2,4-Dimethylphenol	7.875	122	462096	51.894	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	628305	44.615	ng	98
29) 2,4-Dichlorophenol	8.087	162	420668	45.094	ng	99
30) 1,2,4-Trichlorobenzene	8.169	180	450628	42.526	ng	99
31) Naphthalene	8.251	128	1350627	43.193	ng	100
32) Benzoic acid	8.010	122	279519	43.795	ng	98
33) 4-Chloroaniline	8.298	127	383653	31.009	ng	98
34) Hexachlorobutadiene	8.357	225	285970	42.845	ng	99
35) Caprolactam	8.687	113	137539m	45.675	ng	
36) 4-Chloro-3-methylphenol	8.781	107	466967	46.870	ng	96
37) 2-Methylnaphthalene	8.939	142	930689	45.036	ng	99
38) 1-Methylnaphthalene	9.039	142	879811	43.801	ng	98
40) 1,2,4,5-Tetrachloroben...	9.104	216	444036	42.721	ng	99
41) Hexachlorocyclopentadiene	9.086	237	514596	91.382	ng	100
43) 2,4,6-Trichlorophenol	9.222	196	306903	44.875	ng	99

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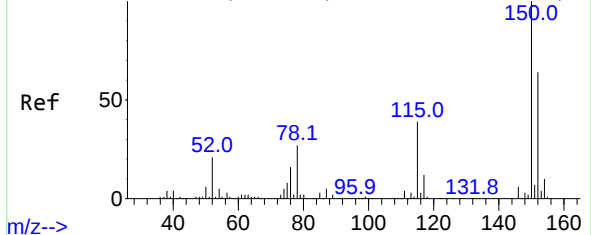
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	321529	43.247	ng	95
46) 1,1'-Biphenyl	9.404	154	1147512	43.931	ng	99
47) 2-Chloronaphthalene	9.434	162	845373	42.513	ng	98
48) 2-Nitroaniline	9.534	65	313155	46.556	ng	99
49) Acenaphthylene	9.851	152	1374275	45.181	ng	100
50) Dimethylphthalate	9.710	163	1042169	44.068	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238430	46.565	ng	99
52) Acenaphthene	10.022	154	976223m	47.738	ng	
53) 3-Nitroaniline	9.945	138	180686	31.778	ng	99
54) 2,4-Dinitrophenol	10.051	184	241819	89.676	ng	# 85
55) Dibenzofuran	10.198	168	1222376	41.431	ng	99
56) 4-Nitrophenol	10.110	139	340979	78.535	ng	92
57) 2,4-Dinitrotoluene	10.181	165	314688	46.398	ng	# 87
58) Fluorene	10.539	166	936577	42.541	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.316	232	268564	42.957	ng	99
60) Diethylphthalate	10.410	149	1030365	44.431	ng	99
61) 4-Chlorophenyl-phenyle...	10.528	204	459899	42.037	ng	94
62) 4-Nitroaniline	10.569	138	225213	40.515	ng	99
63) Azobenzene	10.692	77	1094522	42.893	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	162645	43.710	ng	90
66) n-Nitrosodiphenylamine	10.651	169	850313	43.638	ng	99
67) 4-Bromophenyl-phenylether	11.022	248	304346	43.841	ng	97
68) Hexachlorobenzene	11.086	284	325701	44.531	ng	97
69) Atrazine	11.180	200	300211	49.825	ng	98
70) Pentachlorophenol	11.286	266	339583	78.920	ng	97
71) Phenanthrene	11.510	178	1371246	41.832	ng	99
72) Anthracene	11.563	178	1390984	42.598	ng	99
73) Carbazole	11.716	167	1190626	37.832	ng	100
74) Di-n-butylphthalate	12.033	149	1583626	44.750	ng	100
75) Fluoranthene	12.698	202	1344590	38.974	ng	99
77) Benzidine	12.822	184	572059	96.808	ng	98
78) Pyrene	12.927	202	1298953	51.524	ng	99
80) Butylbenzylphthalate	13.539	149	541045	54.754	ng	96
81) Benzo(a)anthracene	14.116	228	940786	45.196	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	247830	37.497	ng	99
83) Chrysene	14.157	228	860176	43.269	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	746880	56.997	ng	100
85) Di-n-octyl phthalate	14.710	149	1122848	55.293	ng	99
87) Indeno(1,2,3-cd)pyrene	17.198	276	991538	46.695	ng	99
88) Benzo(b)fluoranthene	15.192	252	955134	47.802	ng	99
89) Benzo(k)fluoranthene	15.221	252	787439	39.117	ng	97
90) Benzo(a)pyrene	15.580	252	878491	53.004	ng	98
91) Dibenzo(a,h)anthracene	17.215	278	841869	49.435	ng	99
92) Benzo(g,h,i)perylene	17.674	276	837648	46.674	ng	98

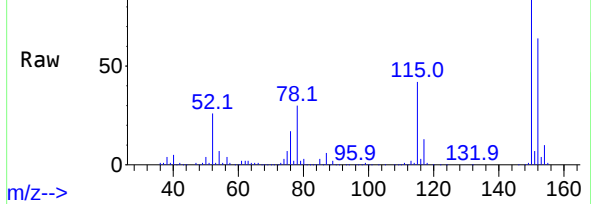
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Abundance Scan 792 (6.945 min): BF127861.D\data.ms (-78)



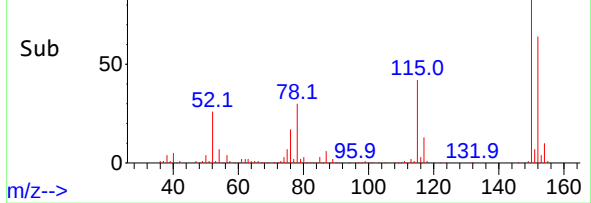
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Abundance Scan 791 (6.940 min): BF127918.D\data.ms



m/z-->

Abundance Scan 791 (6.940 min): BF127918.D\data.ms (-77)



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.940 min Scan# 791

Delta R.T. -0.005 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Tgt Ion: 152 Resp: 152934

Ion Ratio Lower Upper

152 100

150 156.2 125.3 187.9

115 66.3 48.8 73.2

Instrument :

BNA_F

ClientSampleId :

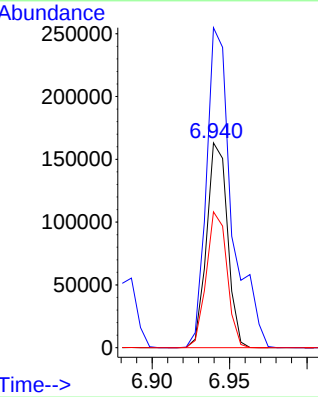
MH-10SMSD

Manual Integrations

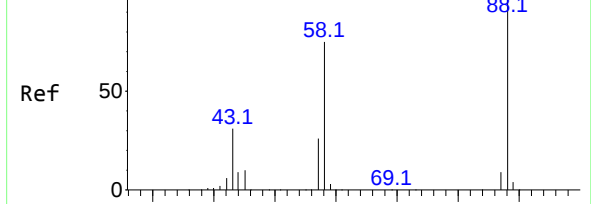
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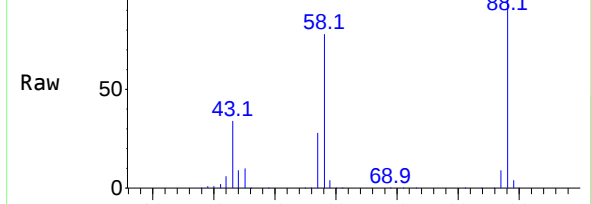


Abundance Scan 83 (2.775 min): BF127861.D\data.ms (-76)



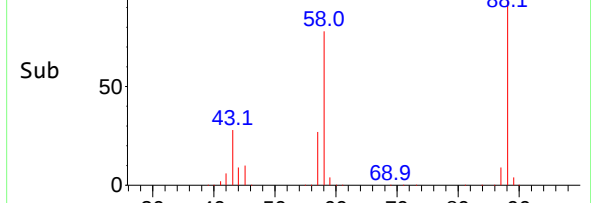
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Abundance Scan 103 (2.893 min): BF127918.D\data.ms



m/z-->

Abundance Scan 103 (2.893 min): BF127918.D\data.ms (-32)



m/z-->

#2

1,4-Dioxane

Concen: 38.816 ng

RT: 2.893 min Scan# 103

Delta R.T. 0.118 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

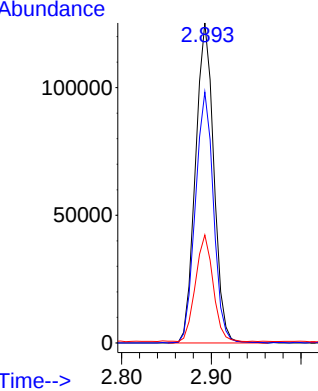
Tgt Ion: 88 Resp: 177822

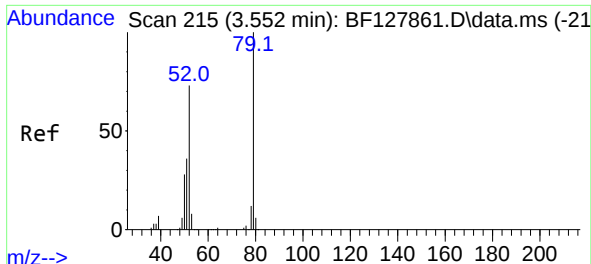
Ion Ratio Lower Upper

88 100

58 77.8 61.0 91.4

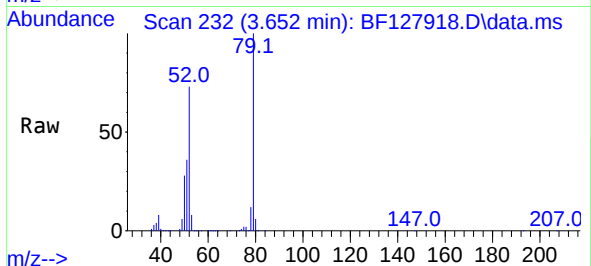
43 32.0 24.9 37.3





#3
Pyridine
Concen: 40.051 ng
RT: 3.652 min Scan# 215
Delta R.T. 0.100 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

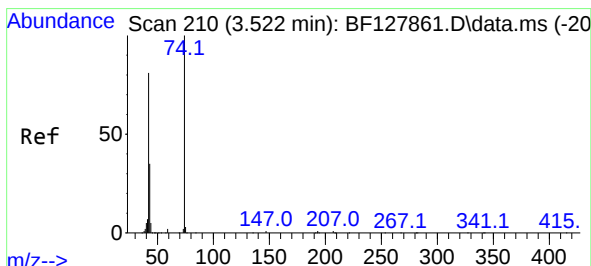
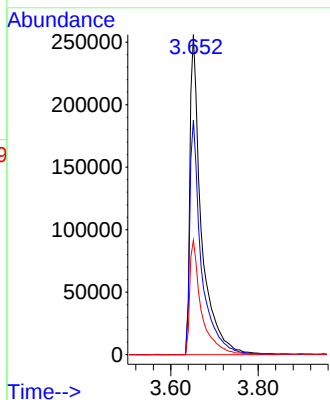
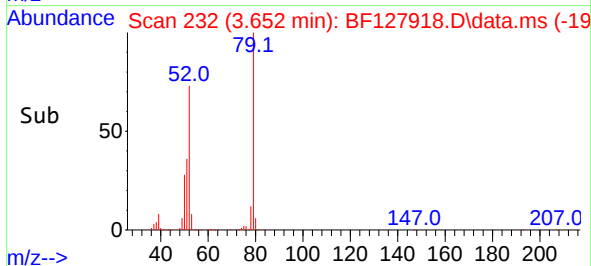
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



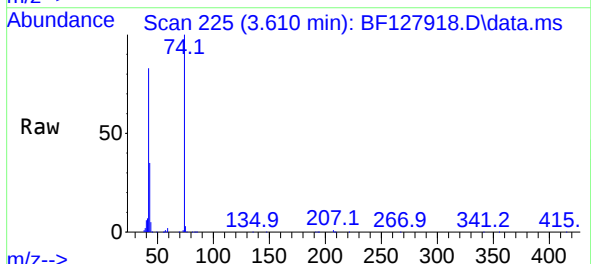
Tgt Ion: 79 Resp: 470125
Ion Ratio Lower Upper
79 100
52 73.4 58.3 87.5
51 35.8 28.6 42.8

Manual Integrations
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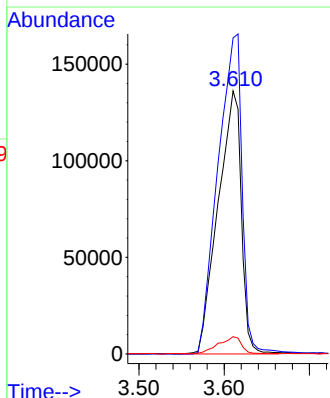
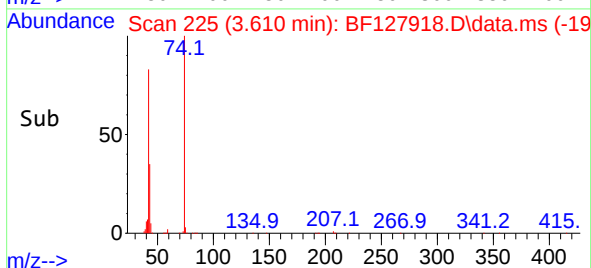
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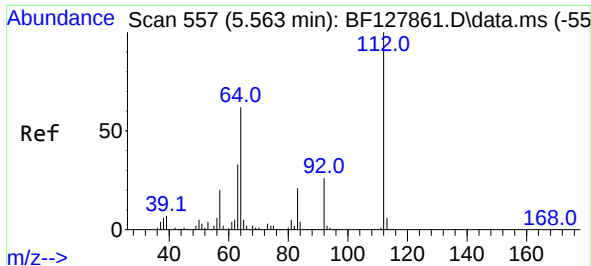


#4
n-Nitrosodimethylamine
Concen: 45.358 ng
RT: 3.610 min Scan# 225
Delta R.T. 0.088 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion: 42 Resp: 257714
Ion Ratio Lower Upper
42 100
74 120.2 99.0 148.4
44 6.6 5.2 7.8





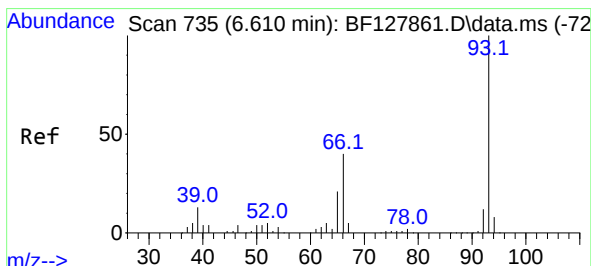
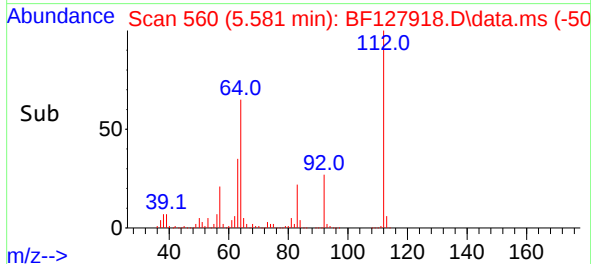
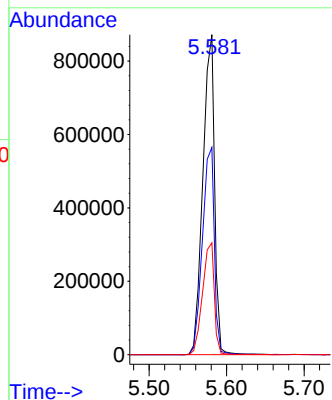
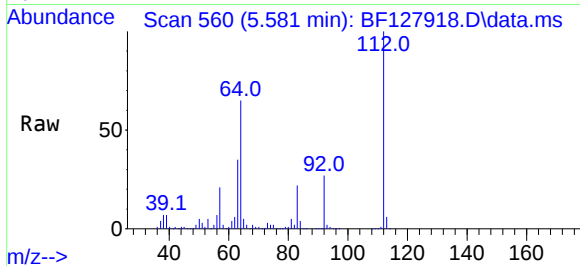
#5
2-Fluorophenol
Concen: 95.449 ng
RT: 5.581 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
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ClientSampleId :
MH-10SMSD

Tgt Ion:112 Resp: 916470
Ion Ratio Lower Upper
112 100
64 64.8 49.5 74.3
63 34.9 26.3 39.5

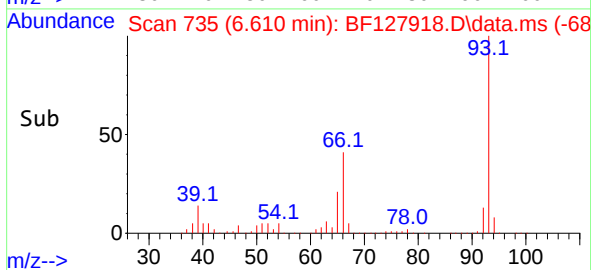
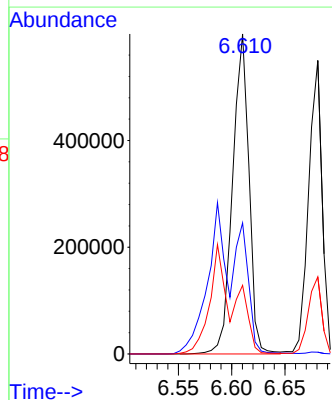
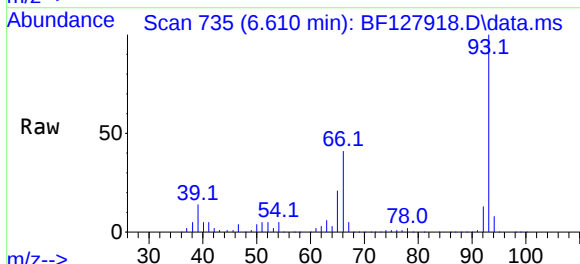
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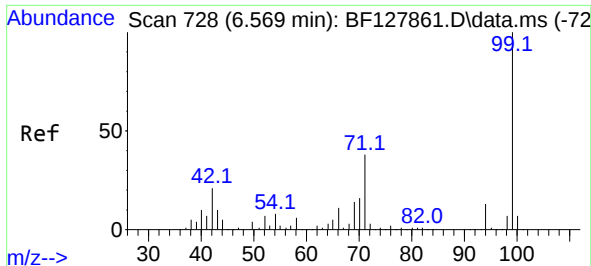
Reviewed By :Christian Giraldo 04/27/2022
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#6
Aniline
Concen: 43.400 ng
RT: 6.610 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion: 93 Resp: 642424
Ion Ratio Lower Upper
93 100
66 41.0 32.2 48.4
65 21.5 16.7 25.1





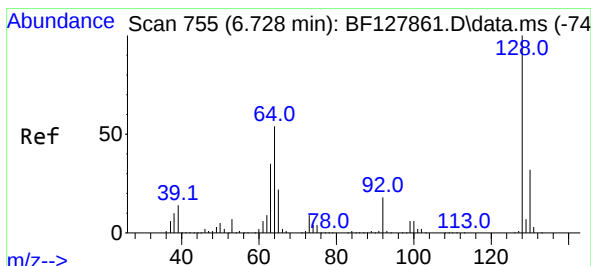
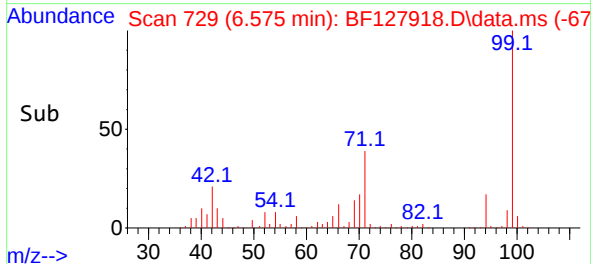
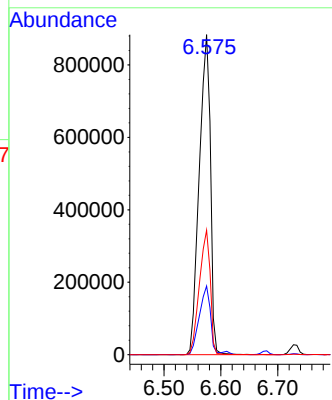
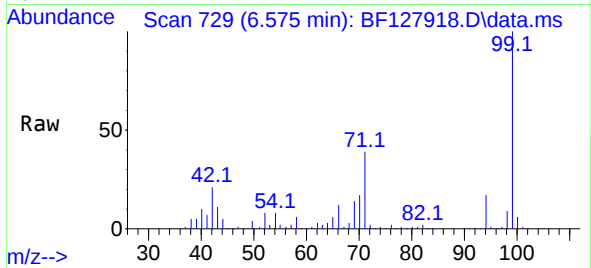
#7
Phenol-d6
Concen: 97.209 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
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Tgt Ion: 99 Resp: 121111
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 38.9 30.0 45.0

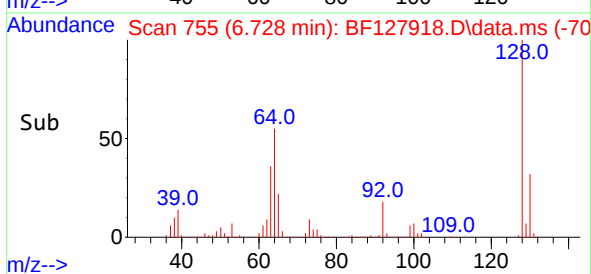
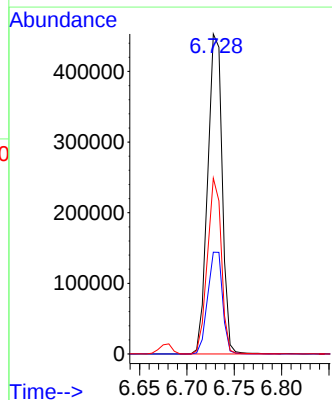
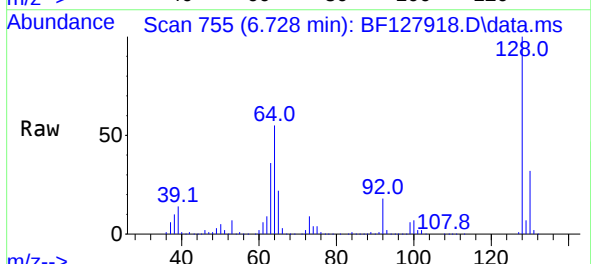
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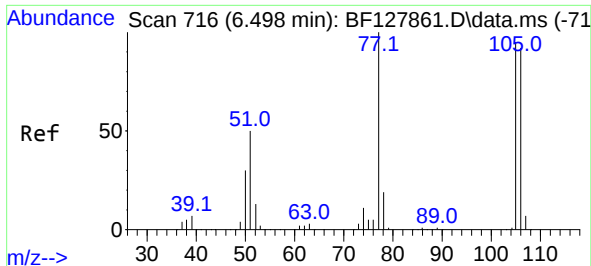
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#8
2-Chlorophenol
Concen: 48.425 ng
RT: 6.728 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

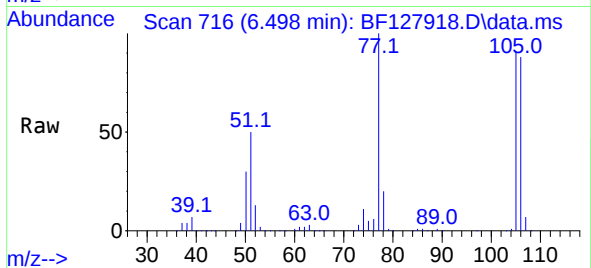
Tgt Ion:128 Resp: 482581
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 54.9 33.8 73.8





#9
Benzaldehyde
Concen: 40.729 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127918.D
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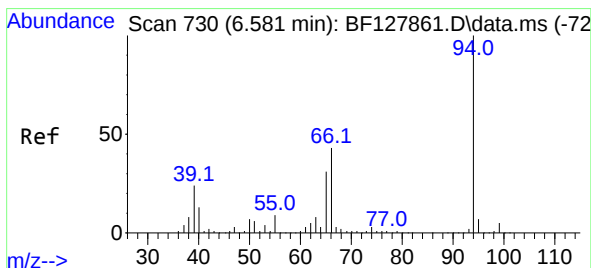
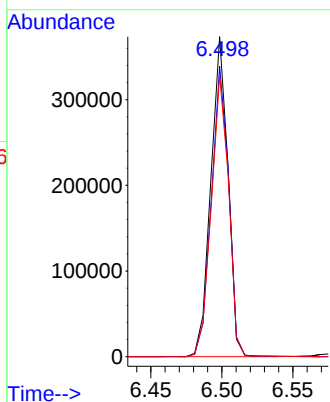
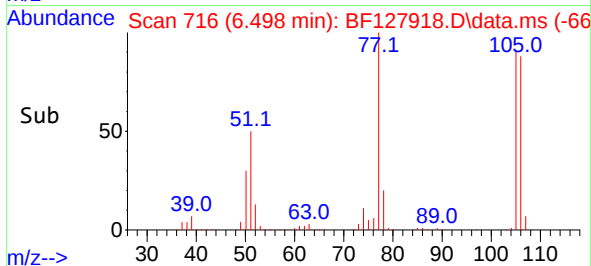
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



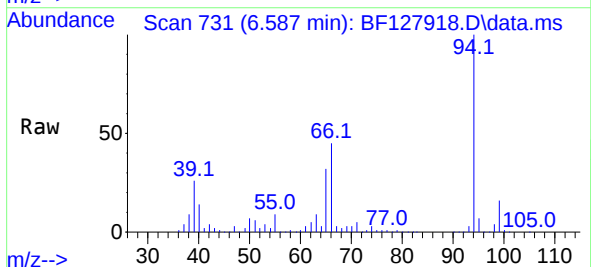
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Ion Ratio Lower Upper
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105 90.8 74.9 114.9
106 88.0 72.2 112.2

Manual Integrations
APPROVED

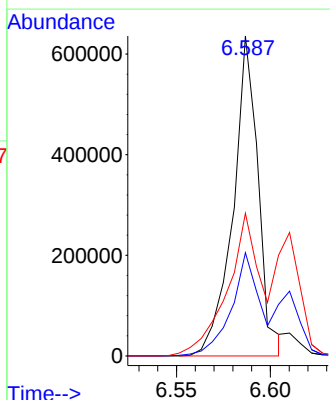
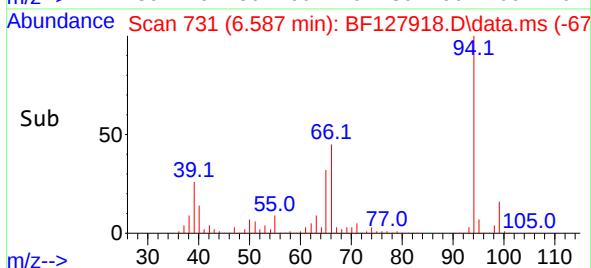
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

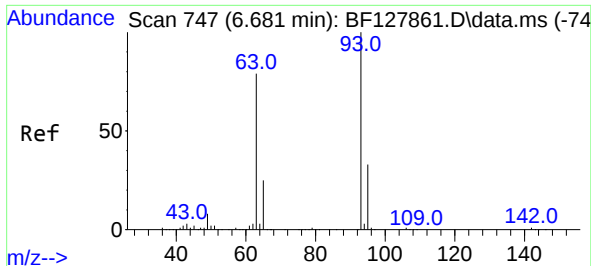


#10
Phenol
Concen: 47.067 ng m
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion: 94 Resp: 591433
Ion Ratio Lower Upper
94 100
65 32.2 10.6 50.6
66 44.6 22.6 62.6





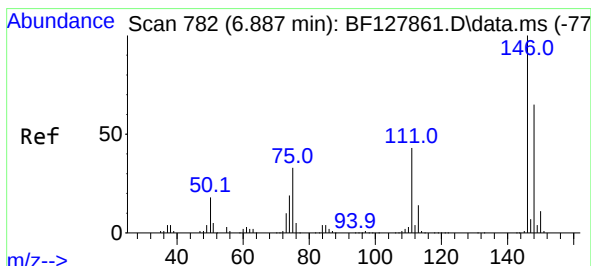
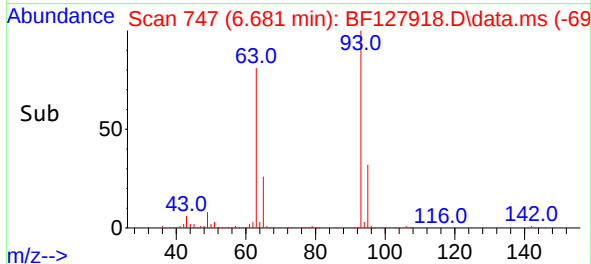
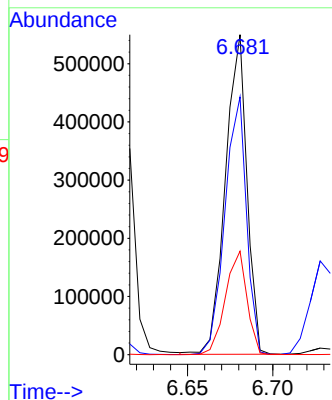
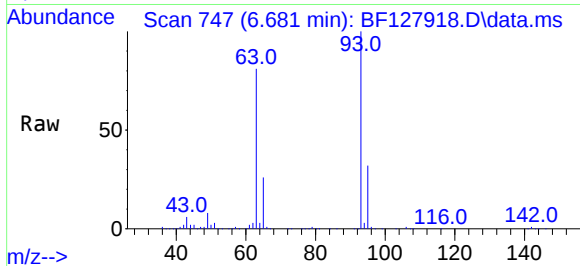
#11
bis(2-Chloroethyl)ether
Concen: 46.251 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
BNA_F
ClientSampleId :
MH-10SMSD

Tgt Ion: 93 Resp: 482100
Ion Ratio Lower Upper
93 100
63 80.5 58.6 98.6
95 32.4 12.9 52.9

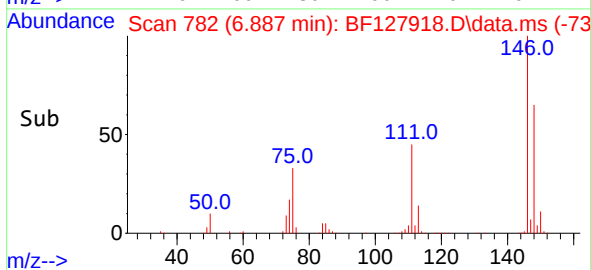
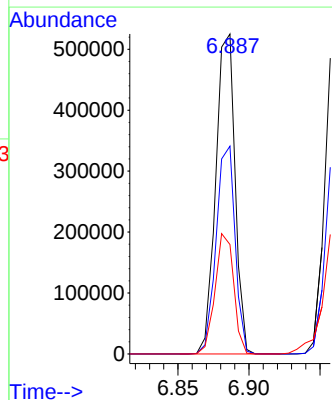
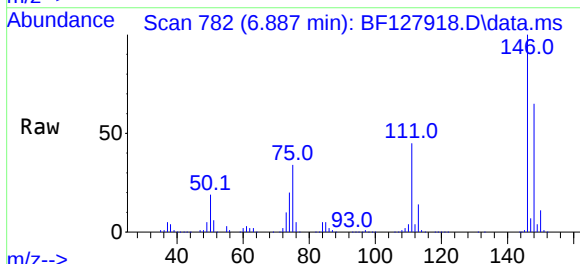
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

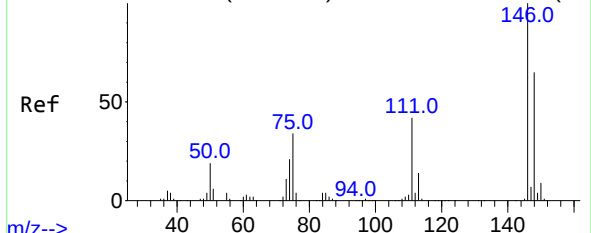


#12
1,3-Dichlorobenzene
Concen: 43.279 ng
RT: 6.887 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

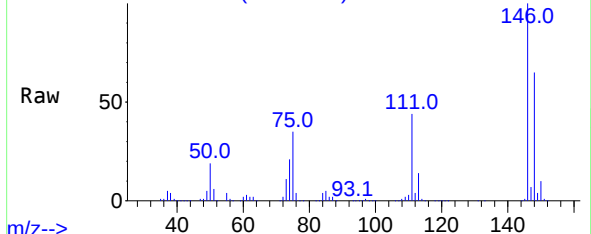
Tgt Ion:146 Resp: 496469
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 34.2 26.2 39.4



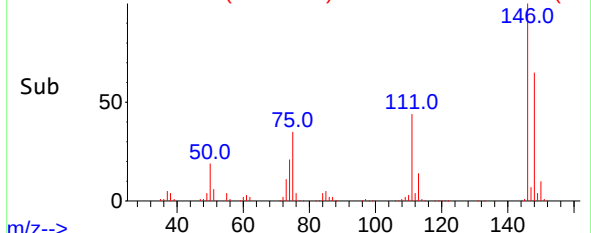
Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



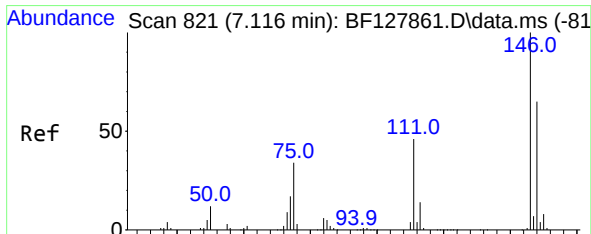
m/z--> Abundance Scan 795 (6.963 min): BF127918.D\data.ms



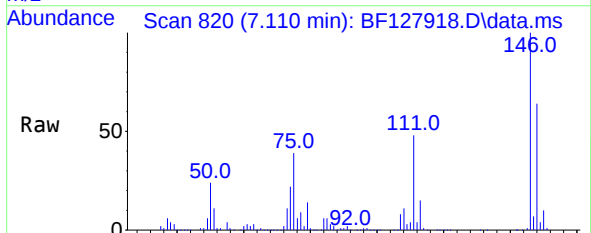
m/z--> Abundance Scan 795 (6.963 min): BF127918.D\data.ms (-74



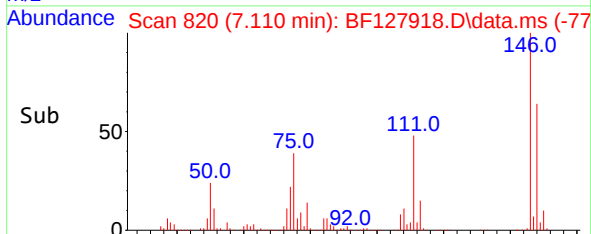
m/z--> Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



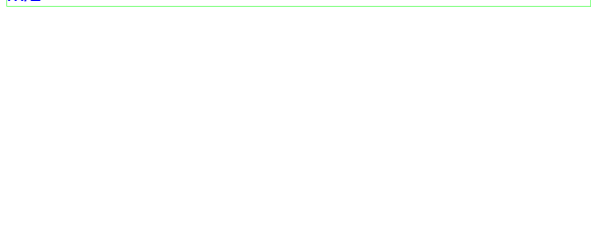
m/z--> Abundance Scan 820 (7.110 min): BF127918.D\data.ms



m/z--> Abundance Scan 820 (7.110 min): BF127918.D\data.ms (-77



m/z--> Abundance Scan 820 (7.110 min): BF127918.D\data.ms (-77



m/z--> Abundance Scan 820 (7.110 min): BF127918.D\data.ms (-77

m/z--> Abundance Scan 820 (7.110 min): BF127918.D\data.ms (-77

#13

1,4-Dichlorobenzene

Concen: 44.001 ng

RT: 6.963 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

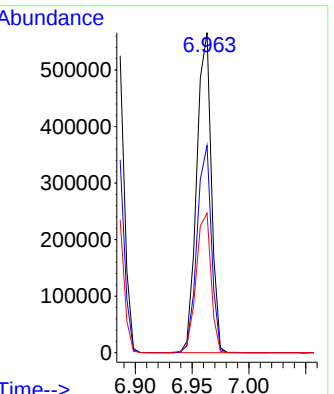
Tgt Ion:146 Resp: 503810

Ion Ratio Lower Upper

146 100

148 64.7 52.3 78.5

111 43.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 44.893 ng

RT: 7.110 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

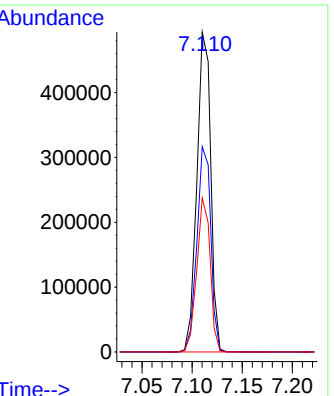
Tgt Ion:146 Resp: 475861

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

111 48.2 36.6 55.0



Instrument :

BNA_F

ClientSampleId :

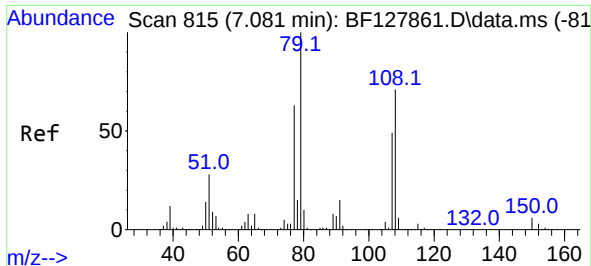
MH-10SMSD

Manual Integrations

APPROVED

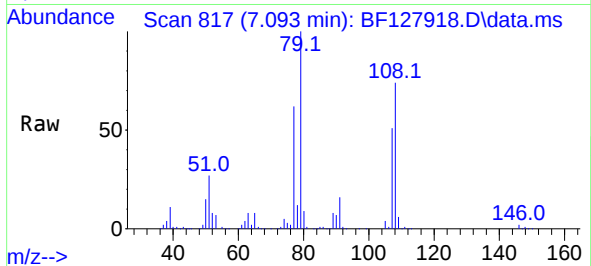
Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#15
Benzyl Alcohol
Concen: 52.223 ng
RT: 7.093 min Scan# 815
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

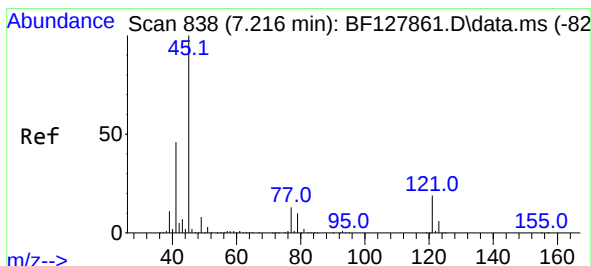
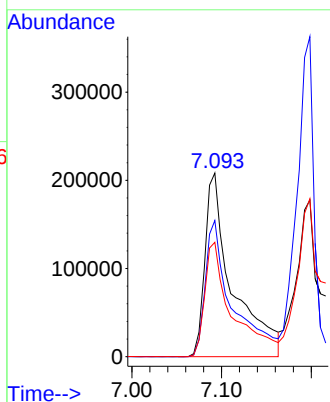
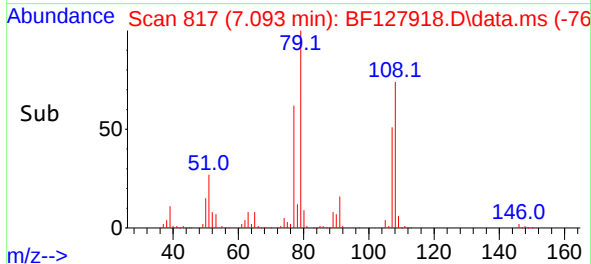
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



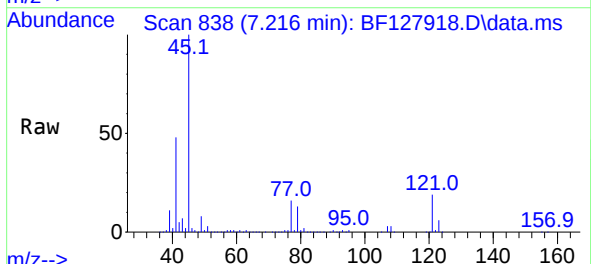
Tgt Ion: 79 Resp: 442454
Ion Ratio Lower Upper
79 100
108 74.1 57.0 85.6
77 62.2 50.2 75.4

Manual Integrations
APPROVED

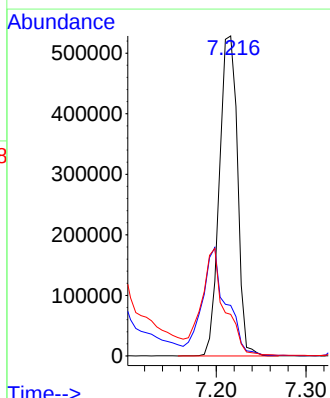
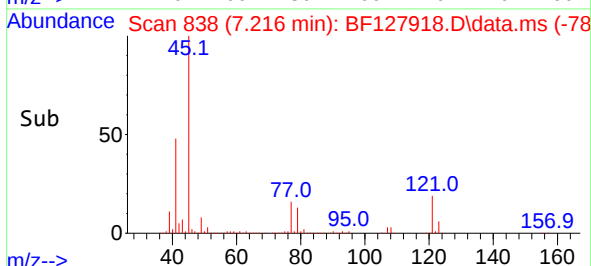
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

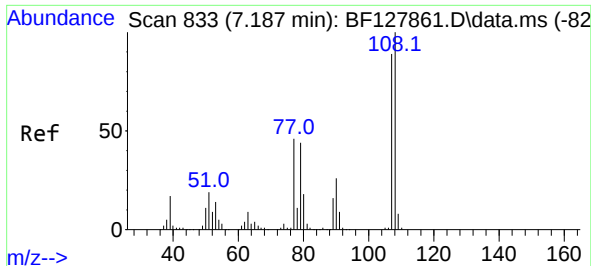


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.409 ng
RT: 7.216 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



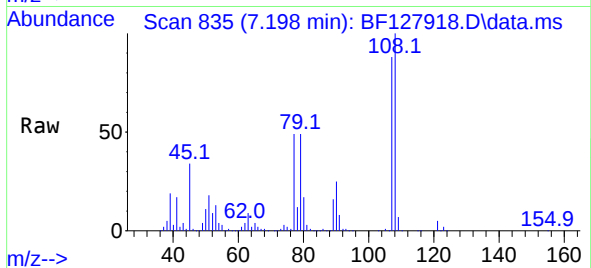
Tgt Ion: 45 Resp: 739352
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.9
79 13.0 0.0 31.6





#17
2-Methylphenol
Concen: 49.738 ng
RT: 7.198 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

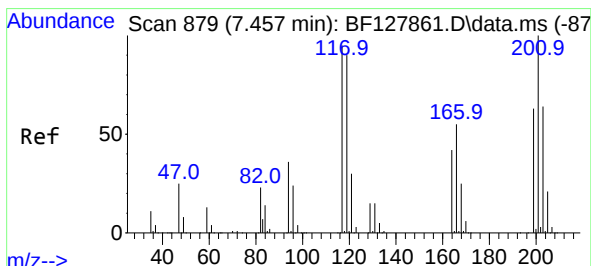
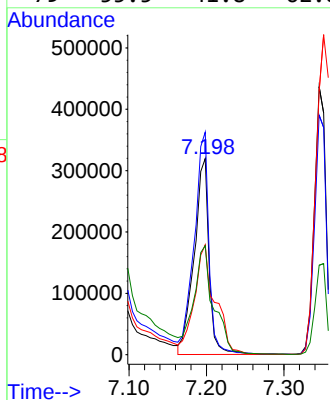
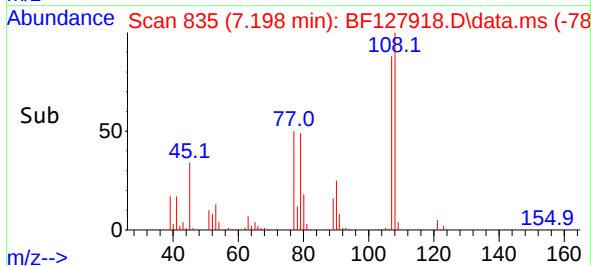
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



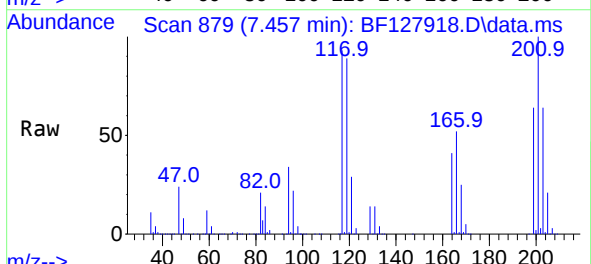
Tgt Ion:107 Resp: 427669
Ion Ratio Lower Upper
107 100
108 113.5 90.2 135.2
77 56.0 41.9 62.9
79 55.5 41.8 62.8

Manual Integrations
APPROVED

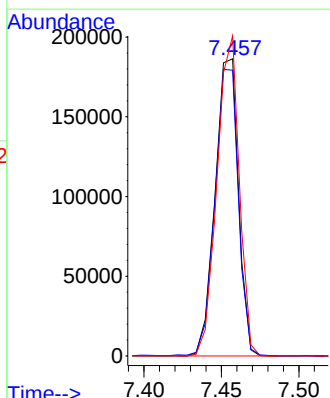
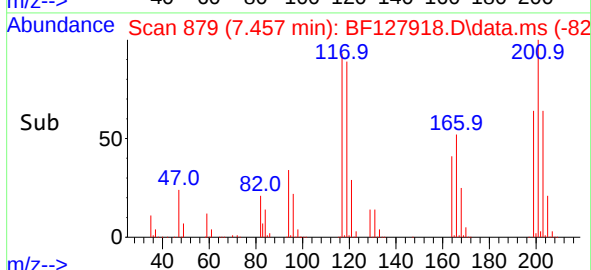
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

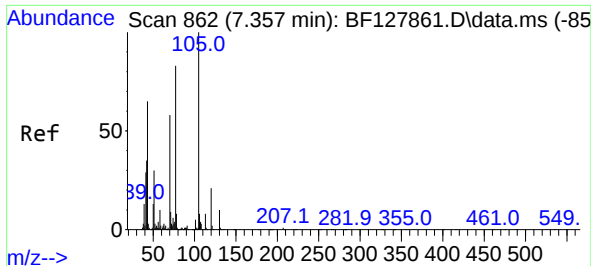


#18
Hexachloroethane
Concen: 46.321 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



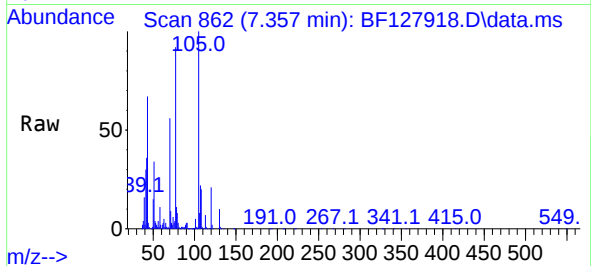
Tgt Ion:117 Resp: 194986
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4
201 107.7 84.4 126.6





#19
n-Nitroso-di-n-propylamine
Concen: 48.113 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

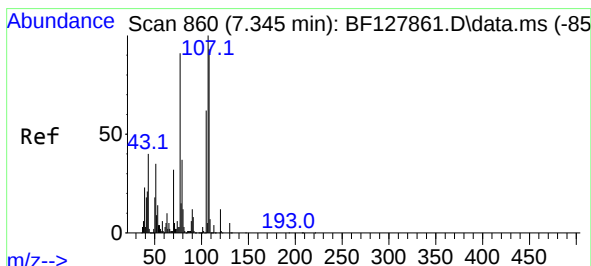
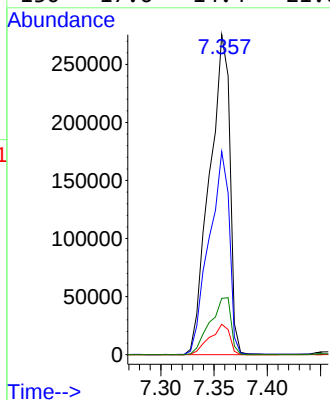
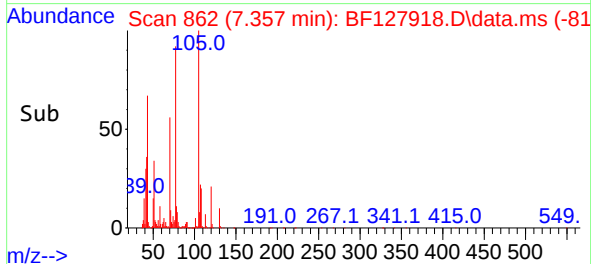
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



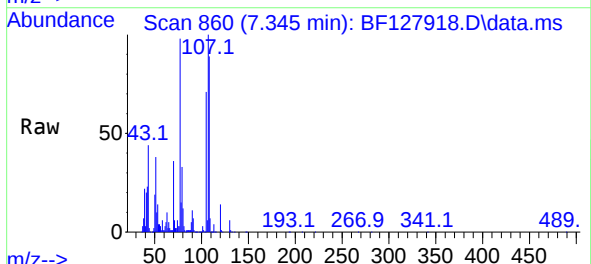
Tgt Ion: 70 Resp: 36694
Ion Ratio Lower Upper
70 100
42 63.5 48.7 73.1
101 9.5 7.2 10.8
130 17.6 14.4 21.6

Manual Integrations
APPROVED

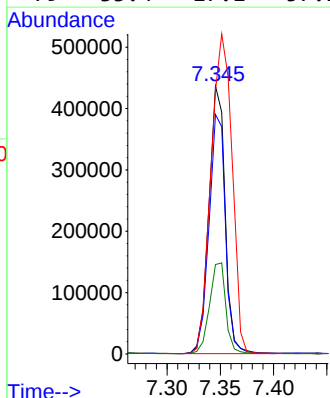
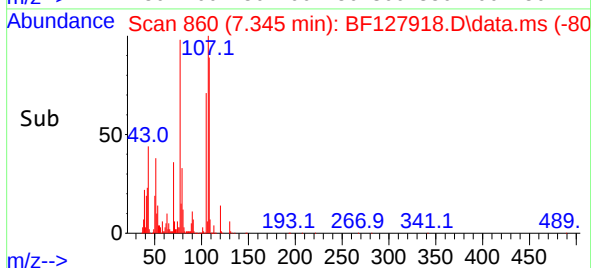
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

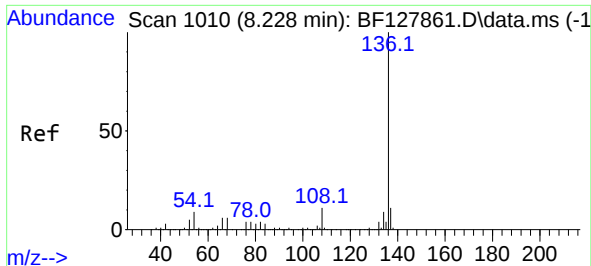


#20
3+4-Methylphenols
Concen: 44.529 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:107 Resp: 462516
Ion Ratio Lower Upper
107 100
108 89.4 73.4 113.4
77 98.3 71.1 111.1
79 33.4 17.1 57.1





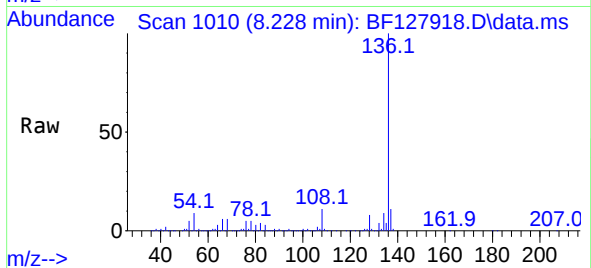
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

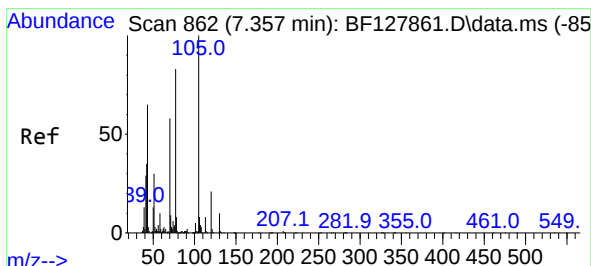
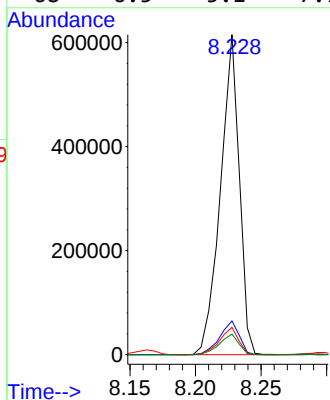
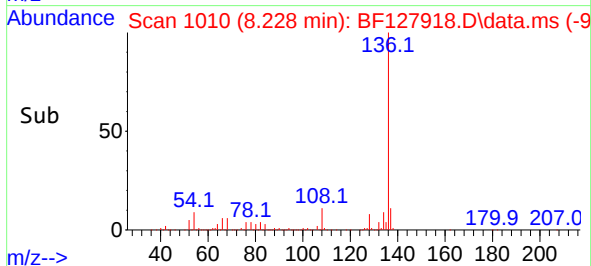


Tgt Ion:136 Resp: 613944
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.6 6.8 10.2
68 6.5 5.1 7.7

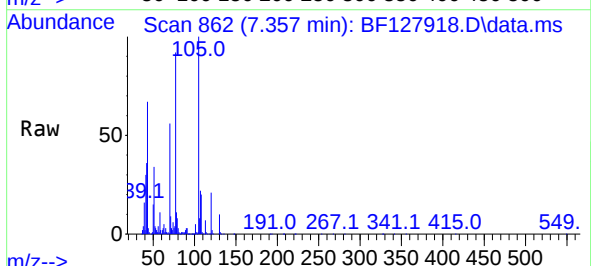
Manual Integrations

APPROVED

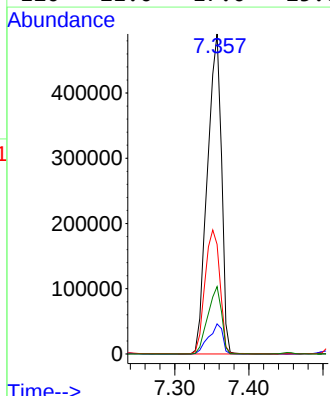
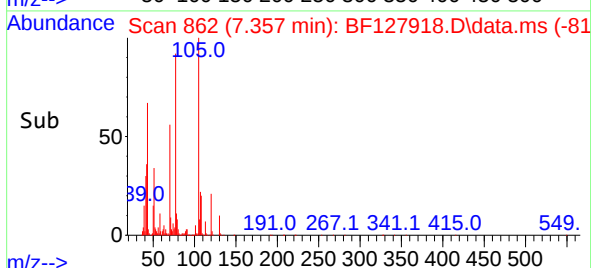
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#22
Acetophenone
Concen: 43.198 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:105 Resp: 646404
Ion Ratio Lower Upper
105 100
71 9.4 7.3 10.9
51 34.2 23.7 35.5
120 21.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 67.510 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

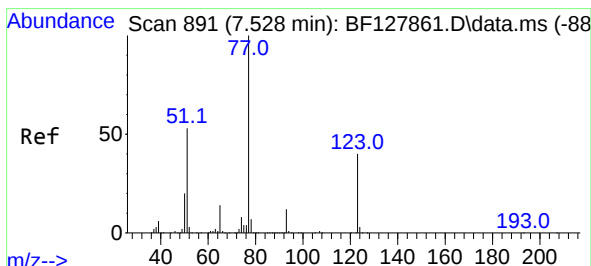
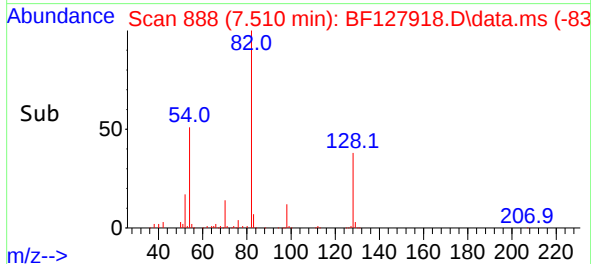
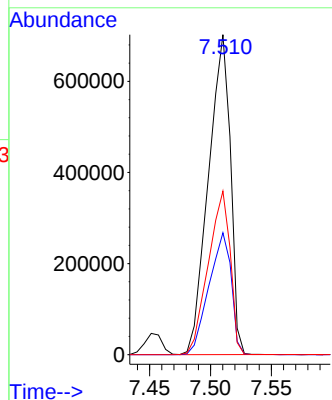
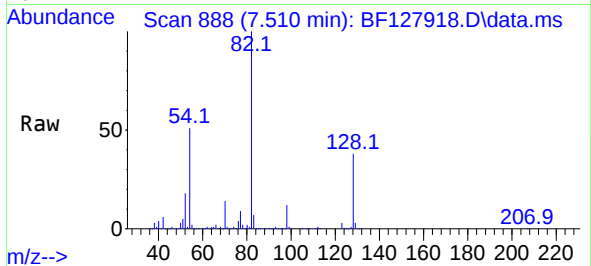
MH-10SMSD

Tgt Ion: 82 Resp: 881400
Ion Ratio Lower Upper
82 100
128 38.1 30.0 45.0
54 51.1 41.3 61.9

Manual Integrations

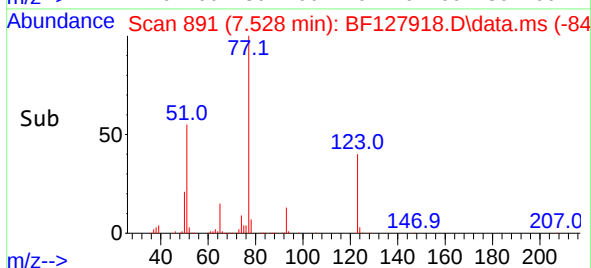
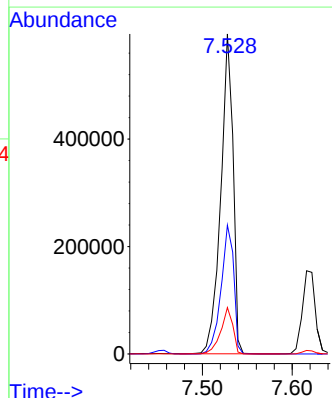
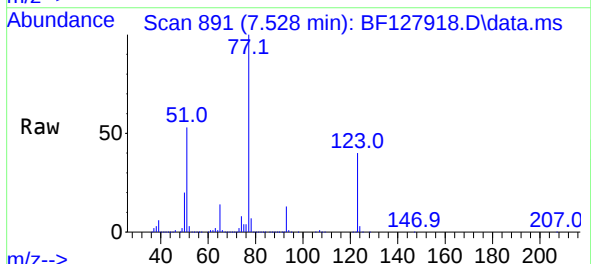
APPROVED

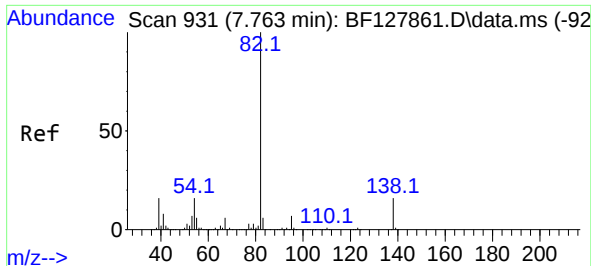
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#24
Nitrobenzene
Concen: 45.174 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion: 77 Resp: 568329
Ion Ratio Lower Upper
77 100
123 40.2 32.0 48.0
65 14.5 11.0 16.6





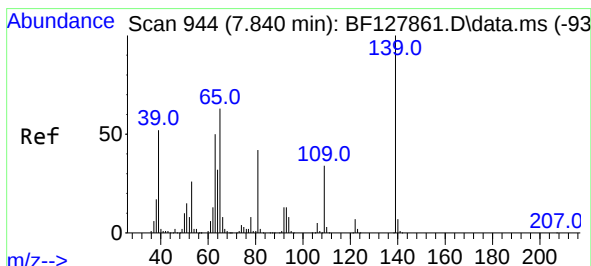
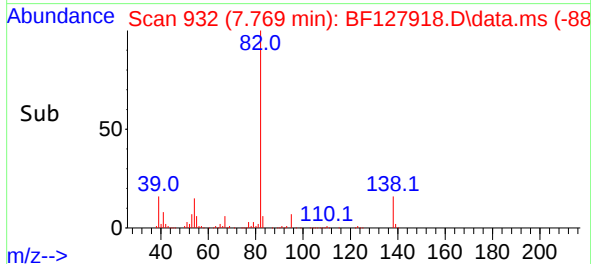
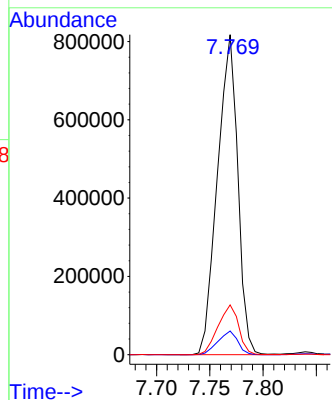
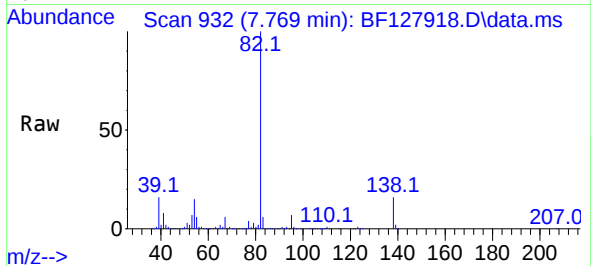
#25
Isophorone
Concen: 49.212 ng
RT: 7.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
BNA_F
ClientSampleId :
MH-10SMSD

Tgt Ion: 82 Resp: 1081390
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 15.6 12.5 18.7

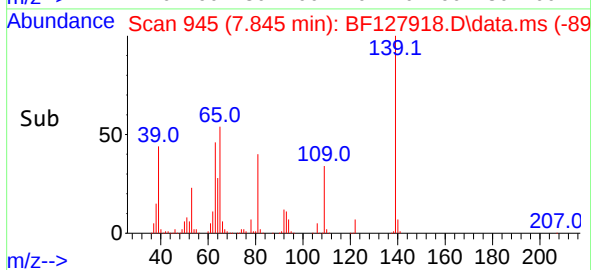
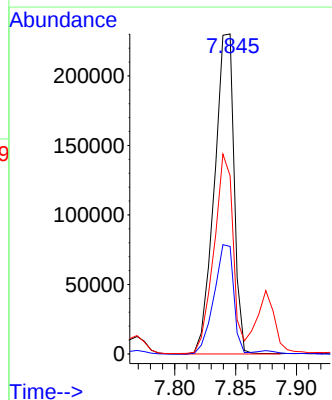
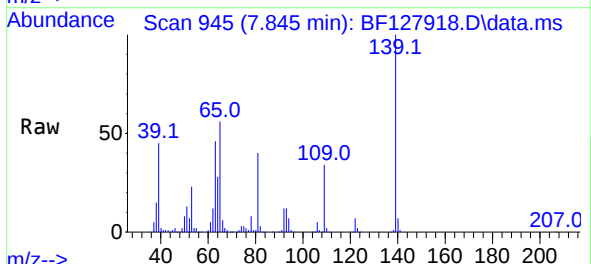
Manual Integrations
APPROVED

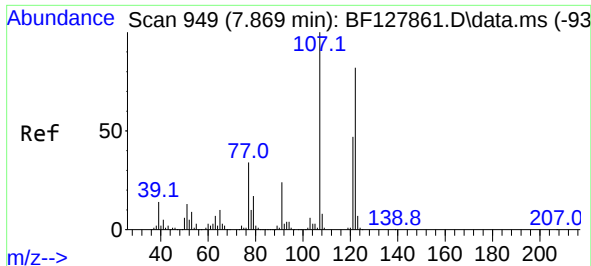
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#26
2-Nitrophenol
Concen: 48.307 ng
RT: 7.845 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion:139 Resp: 258975
Ion Ratio Lower Upper
139 100
109 33.6 27.4 41.2
65 55.6 50.8 76.2





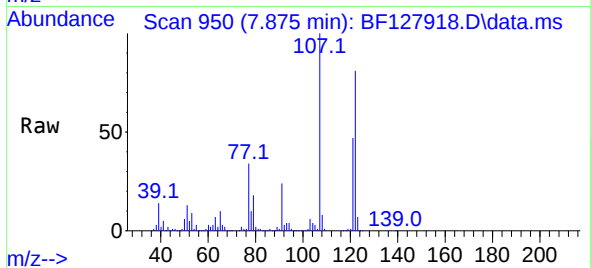
#27
2,4-Dimethylphenol
Concen: 51.894 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

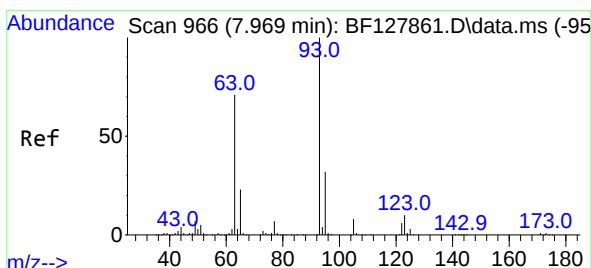
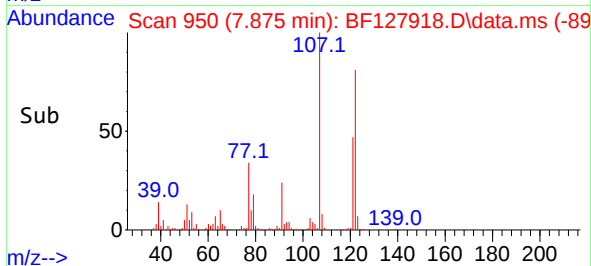
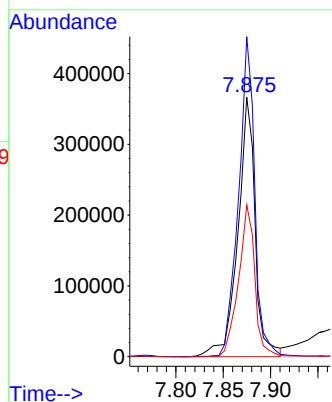


Tgt Ion:122 Resp: 462090
Ion Ratio Lower Upper
122 100
107 123.3 97.5 146.3
121 58.4 46.0 69.0

Manual Integrations

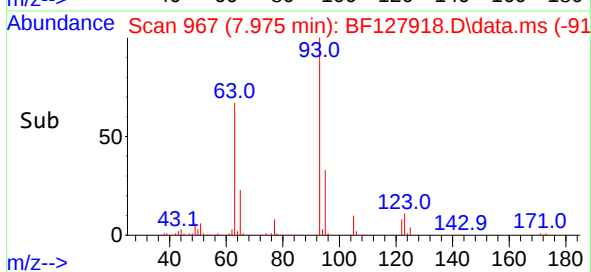
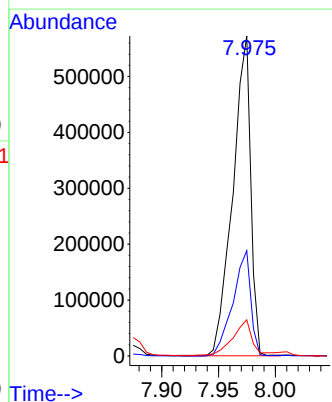
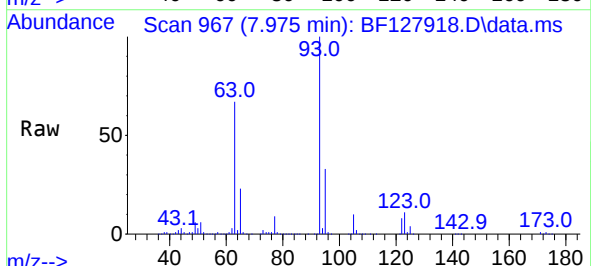
APPROVED

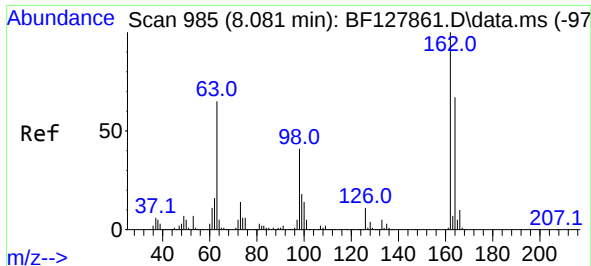
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.615 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion: 93 Resp: 628305
Ion Ratio Lower Upper
93 100
95 32.9 25.7 38.5
123 11.3 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.094 ng

RT: 8.087 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

Tgt Ion:162 Resp: 42066

Ion Ratio Lower Upper

162 100

164 67.1 47.1 87.1

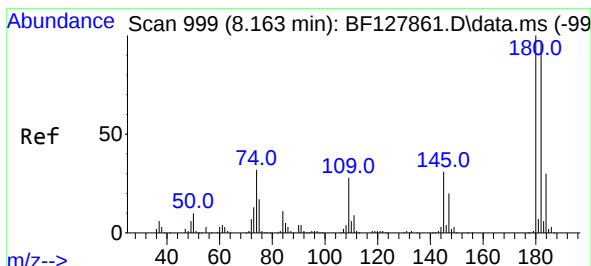
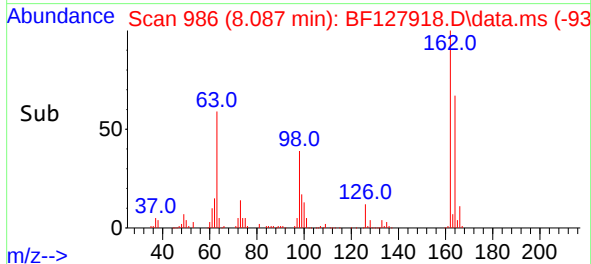
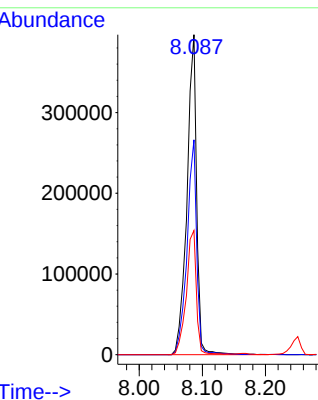
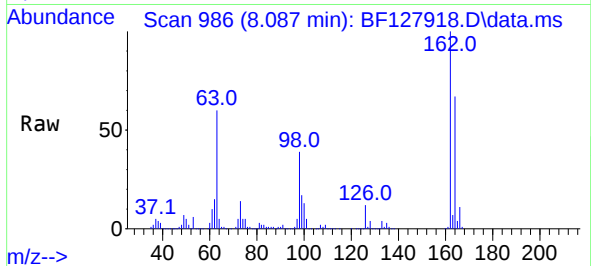
98 38.8 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.526 ng

RT: 8.169 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

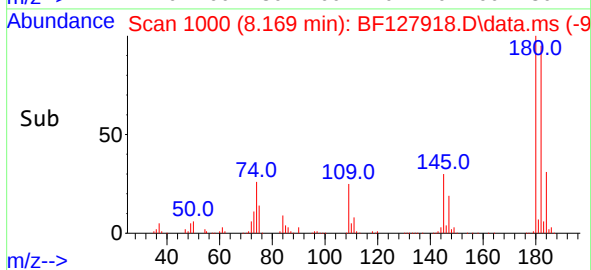
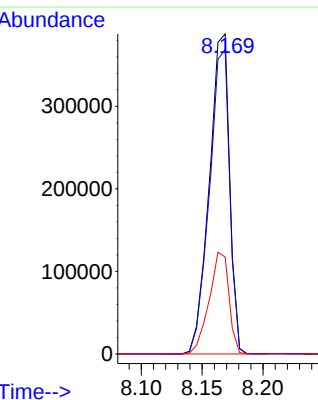
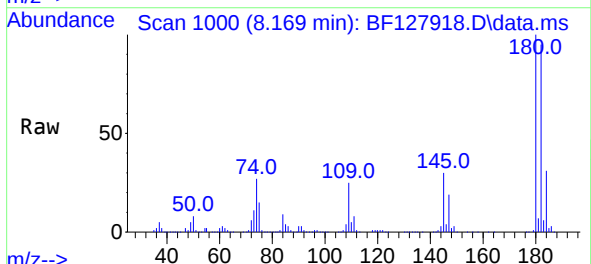
Tgt Ion:180 Resp: 450628

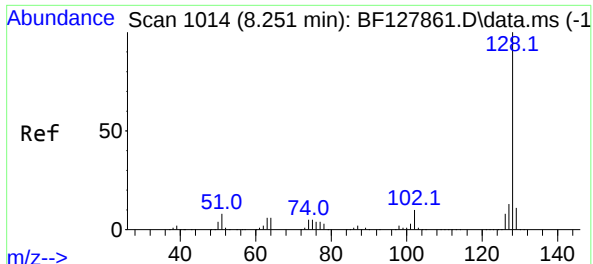
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

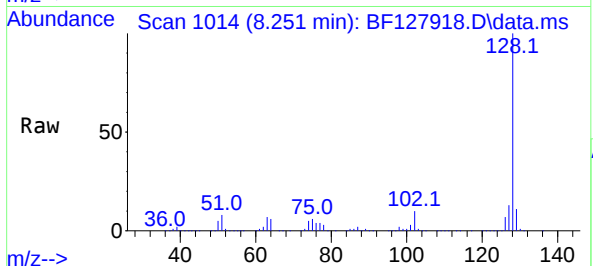
145 30.3 25.1 37.7





#31
Naphthalene
Concen: 43.193 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

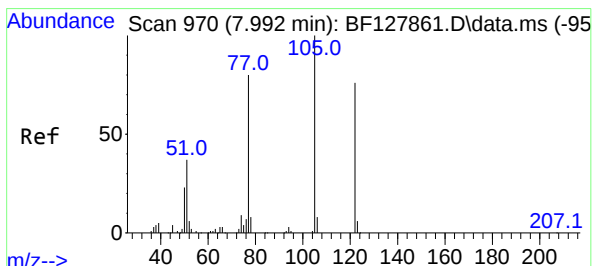
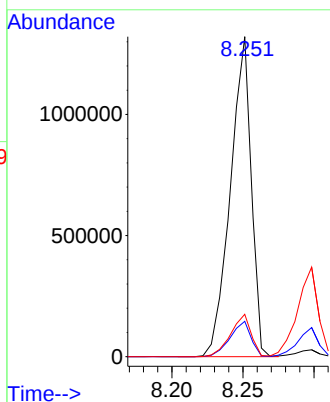
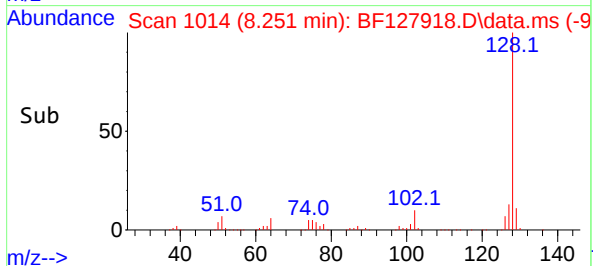
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



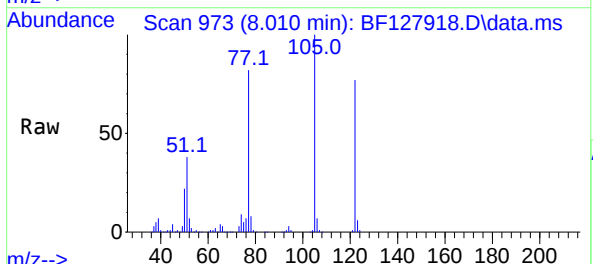
Tgt Ion:128 Resp: 135062
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 16.0

Manual Integrations
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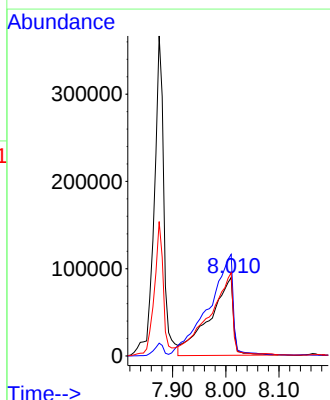
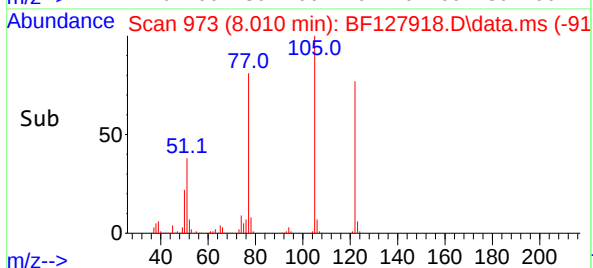
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

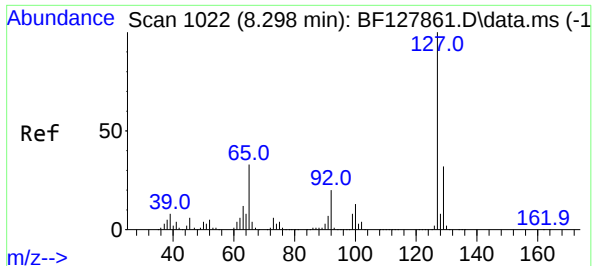


#32
Benzoic acid
Concen: 43.795 ng
RT: 8.010 min Scan# 973
Delta R.T. 0.018 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:122 Resp: 279519
Ion Ratio Lower Upper
122 100
105 129.5 107.9 147.9
77 106.0 82.5 122.5





#33
4-Chloroaniline
Concen: 31.009 ng
RT: 8.298 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

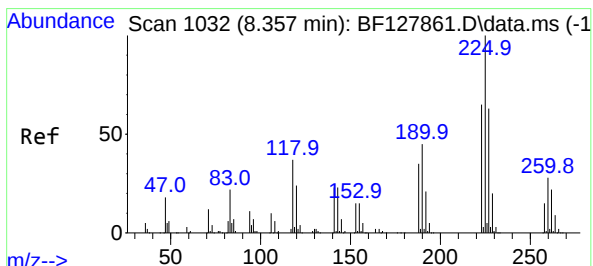
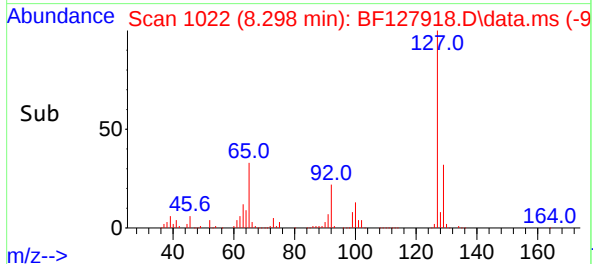
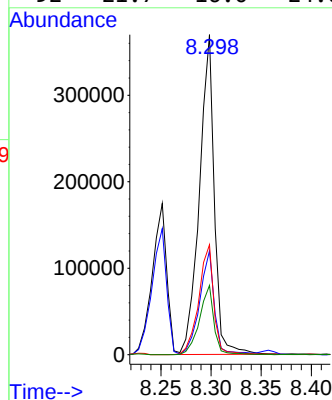
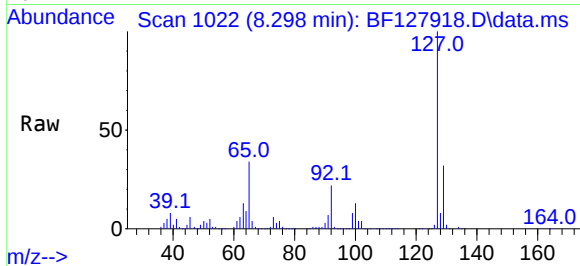
MH-10SMSD

Tgt Ion:127 Resp: 38365
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 34.3 26.7 40.1
92 21.7 16.0 24.0

Manual Integrations

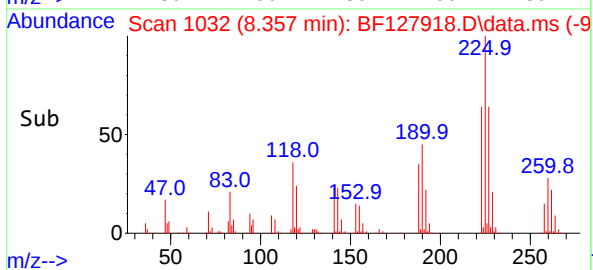
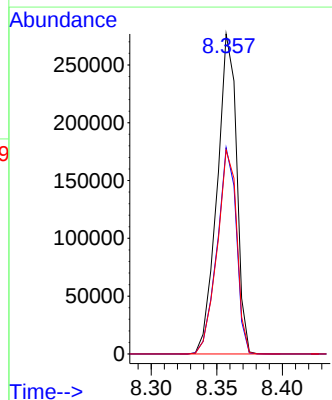
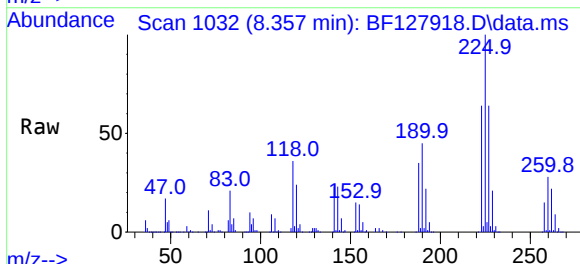
APPROVED

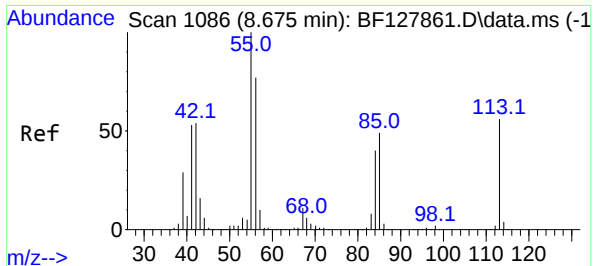
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#34
Hexachlorobutadiene
Concen: 42.845 ng
RT: 8.357 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

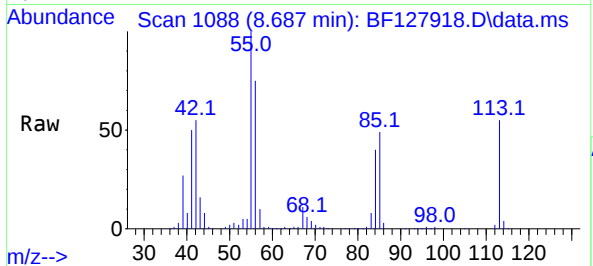
Tgt Ion:225 Resp: 285970
Ion Ratio Lower Upper
225 100
223 64.5 52.0 78.0
227 63.7 50.7 76.1





#35
Caprolactam
Concen: 45.675 ng m
RT: 8.687 min Scan# 1086
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

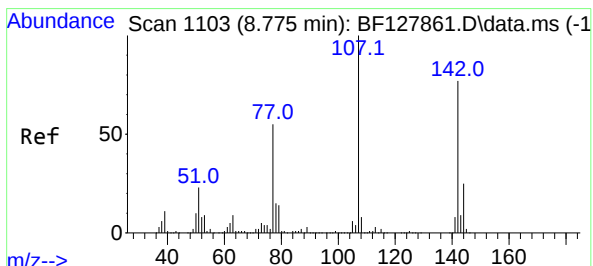
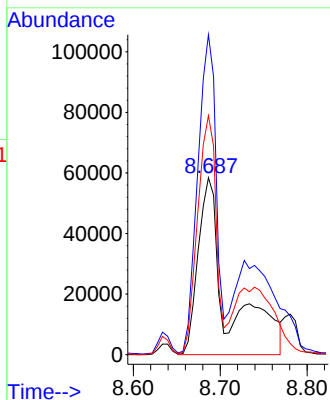
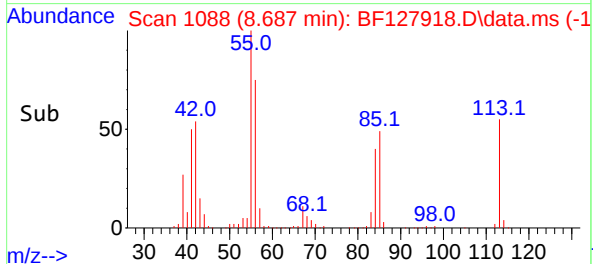
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



Tgt Ion:113 Resp: 137539
Ion Ratio Lower Upper
113 100
55 180.8 157.4 197.4
56 135.1 116.1 156.1

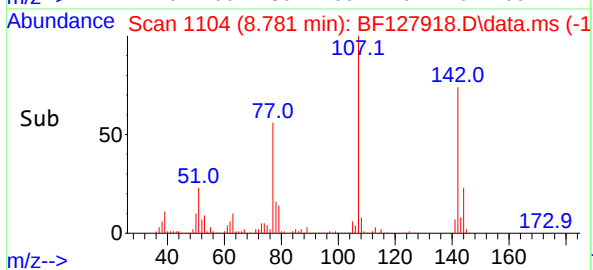
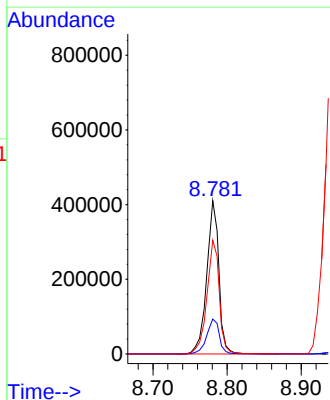
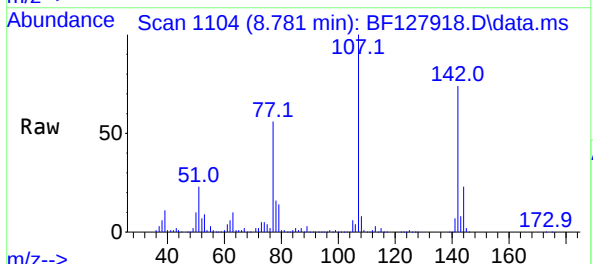
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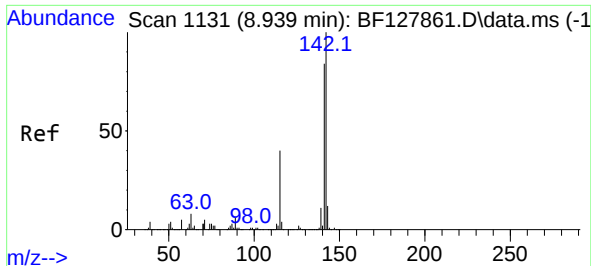
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#36
4-Chloro-3-methylphenol
Concen: 46.870 ng
RT: 8.781 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion:107 Resp: 466967
Ion Ratio Lower Upper
107 100
144 22.8 20.2 30.4
142 74.2 61.5 92.3





#37

2-Methylnaphthalene

Concen: 45.036 ng

RT: 8.939 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

Tgt Ion:142 Resp: 930689

Ion Ratio Lower Upper

142 100

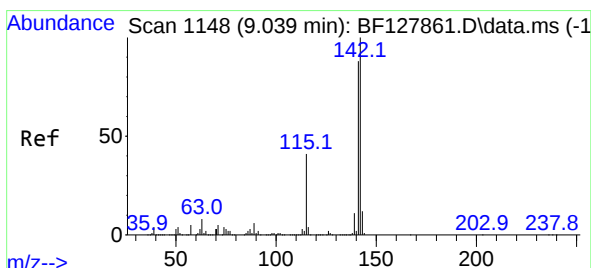
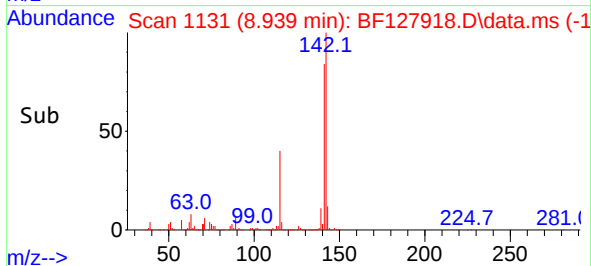
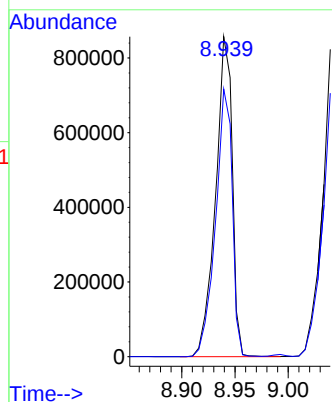
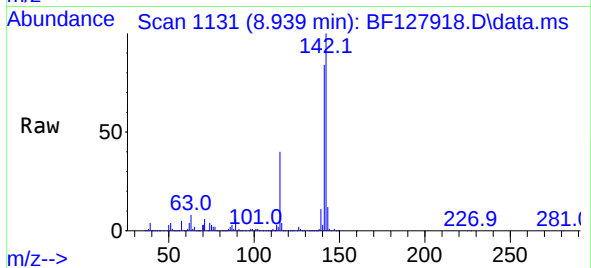
141 83.6 67.4 101.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#38

1-Methylnaphthalene

Concen: 43.801 ng

RT: 9.039 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF127918.D

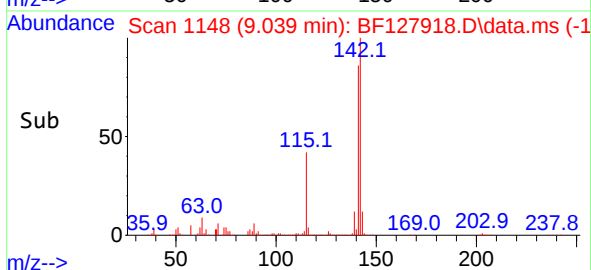
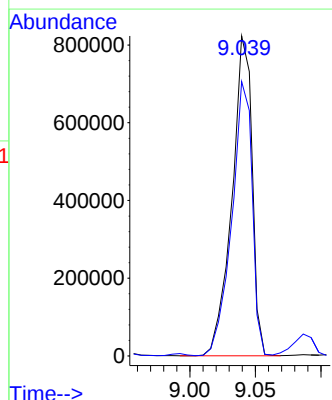
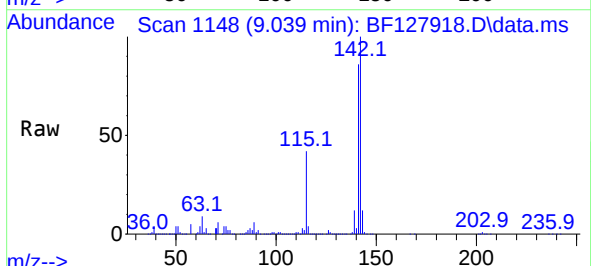
Acq: 26 Apr 2022 17:48

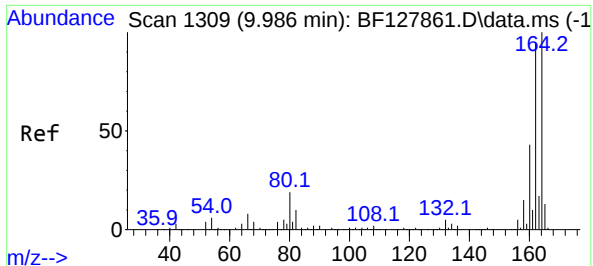
Tgt Ion:142 Resp: 879811

Ion Ratio Lower Upper

142 100

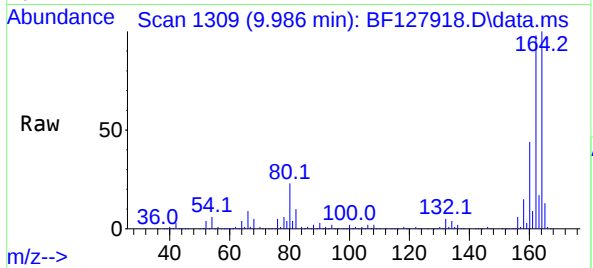
141 85.7 70.1 105.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

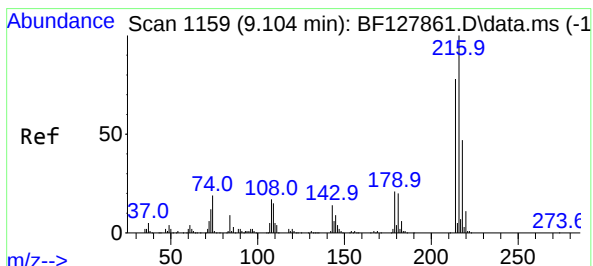
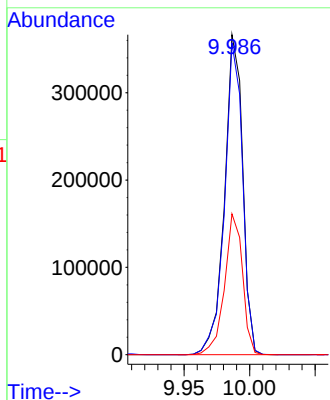
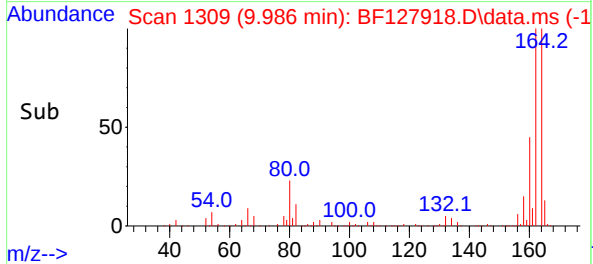
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



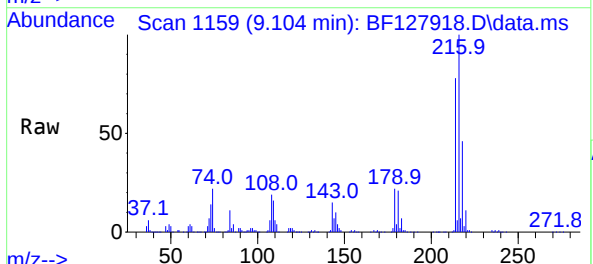
Tgt Ion:164 Resp: 352630
Ion Ratio Lower Upper
164 100
162 97.5 76.0 114.0
160 44.0 34.8 52.2

Manual Integrations
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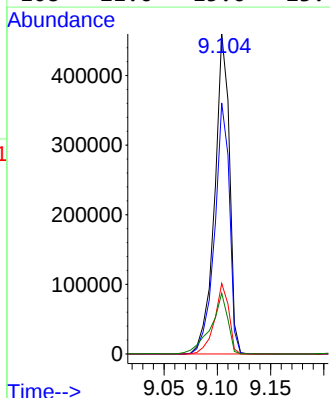
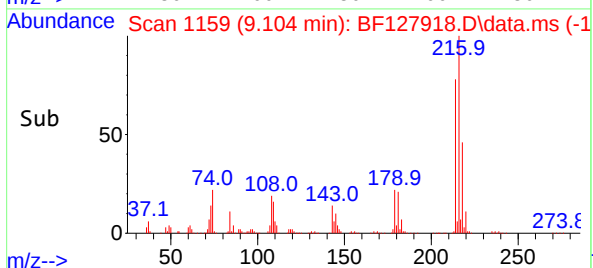
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

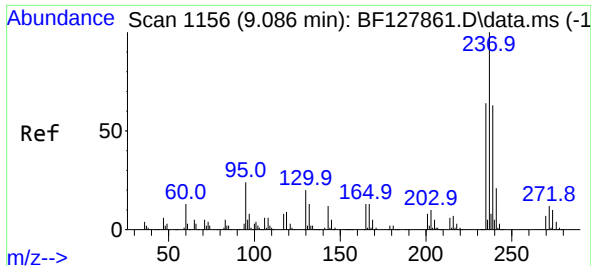


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.721 ng
RT: 9.104 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



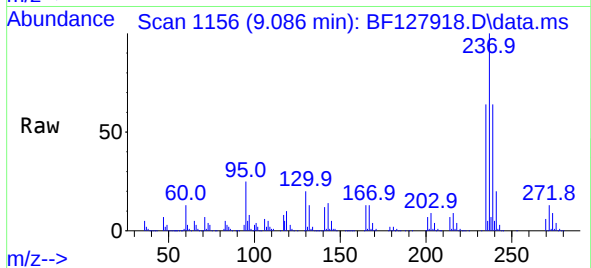
Tgt Ion:216 Resp: 444036
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 21.2 16.9 25.3
108 21.6 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 91.382 ng
RT: 9.086 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

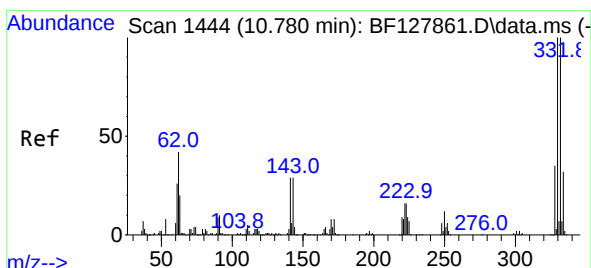
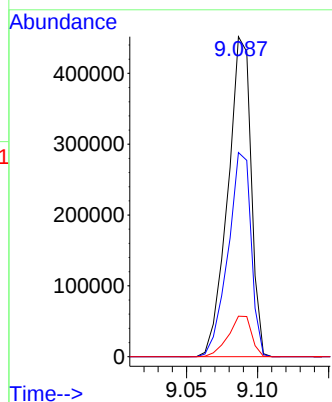
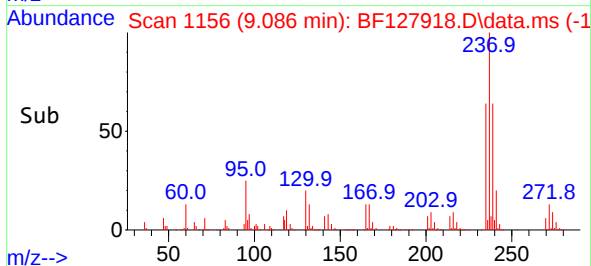
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



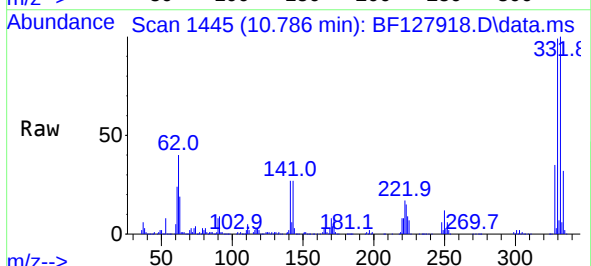
Tgt Ion:237 Resp: 514590
Ion Ratio Lower Upper
237 100
235 63.8 43.6 83.6
272 12.6 0.0 32.1

Manual Integrations
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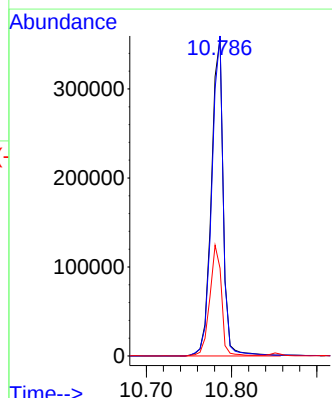
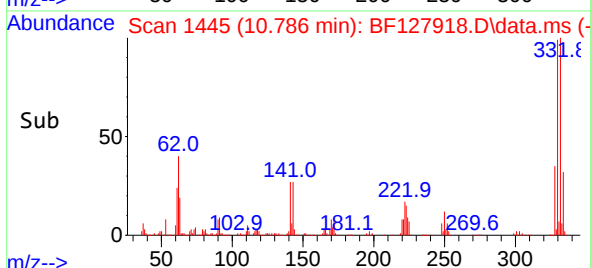
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

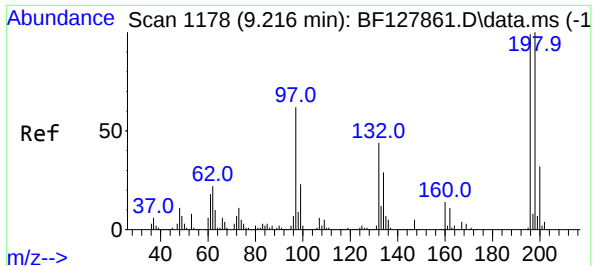


#42
2,4,6-Tribromophenol
Concen: 97.487 ng
RT: 10.786 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



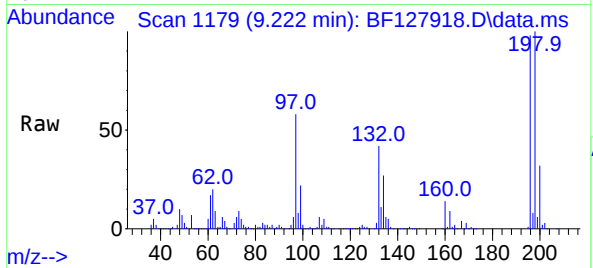
Tgt Ion:330 Resp: 346062
Ion Ratio Lower Upper
330 100
332 97.8 79.0 118.4
141 34.4 28.9 43.3





#43
2,4,6-Trichlorophenol
Concen: 44.875 ng
RT: 9.222 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

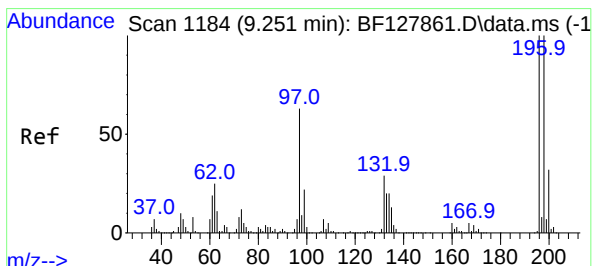
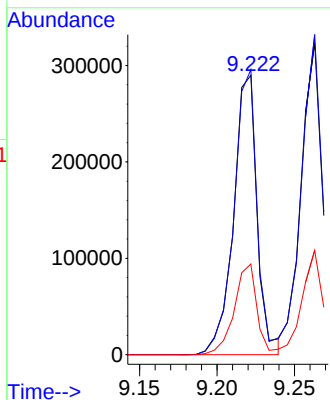
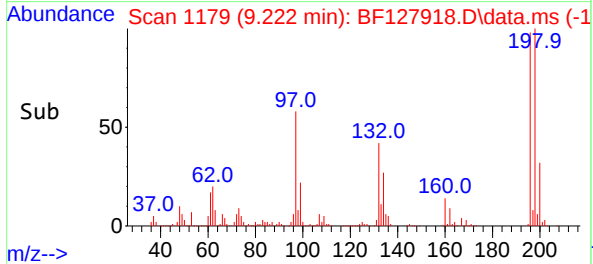
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



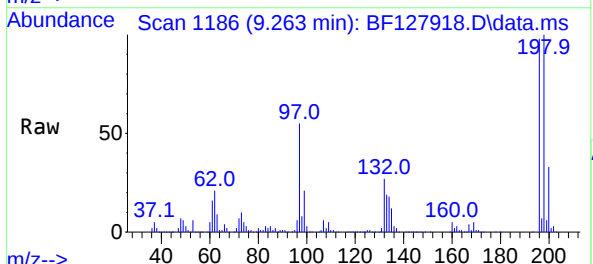
Tgt Ion:196 Resp: 30690
Ion Ratio Lower Upper
196 100
198 102.1 80.4 120.6
200 32.5 25.9 38.9

Manual Integrations
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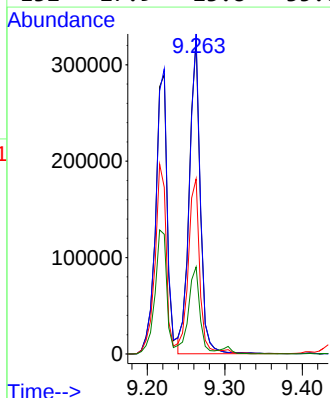
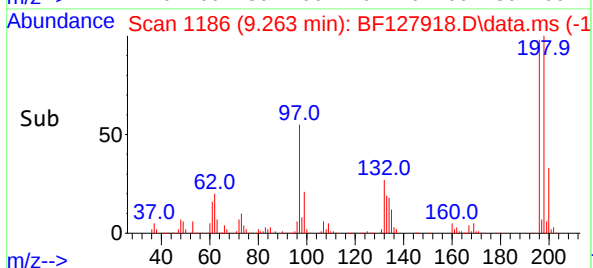
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

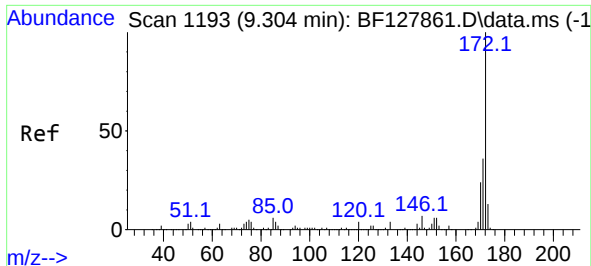


#44
2,4,5-Trichlorophenol
Concen: 43.247 ng
RT: 9.263 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:196 Resp: 321529
Ion Ratio Lower Upper
196 100
198 102.6 80.2 120.2
97 56.1 50.3 75.5
132 27.9 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 70.016 ng

RT: 9.304 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

Tgt Ion:172 Resp: 1459419

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

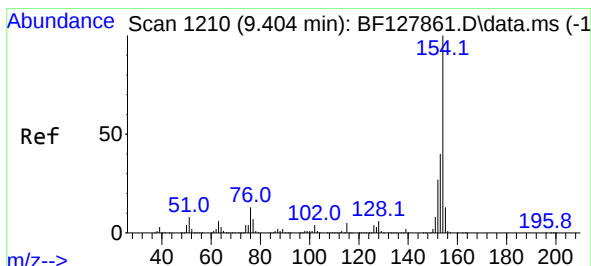
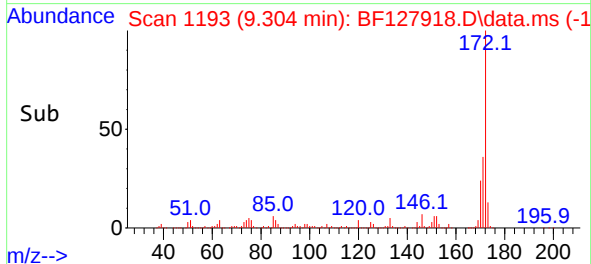
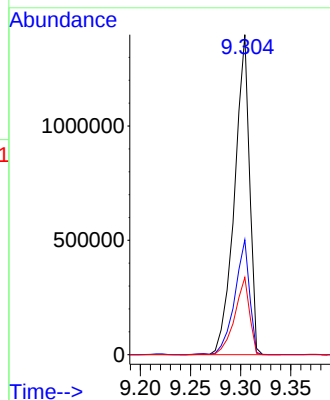
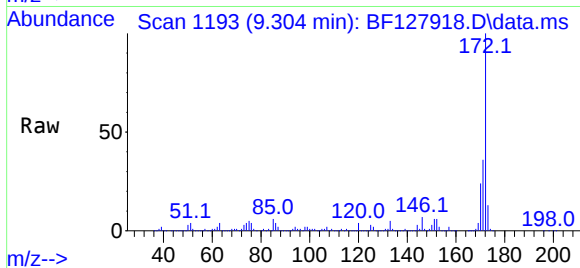
170 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#46

1,1'-Biphenyl

Concen: 43.931 ng

RT: 9.404 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

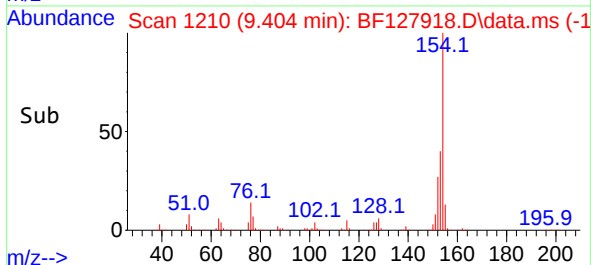
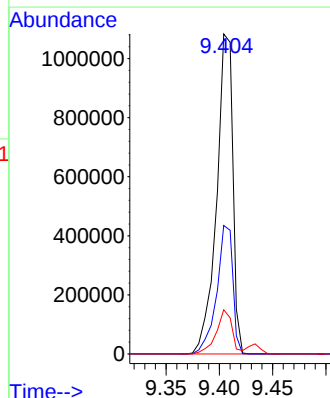
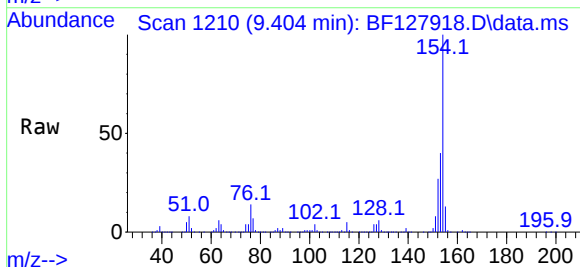
Tgt Ion:154 Resp: 1147512

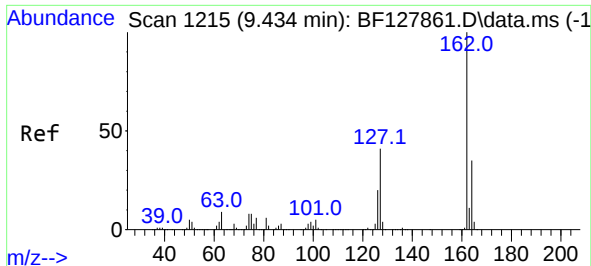
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 13.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.513 ng

RT: 9.434 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

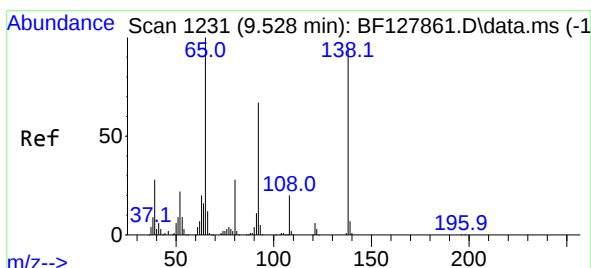
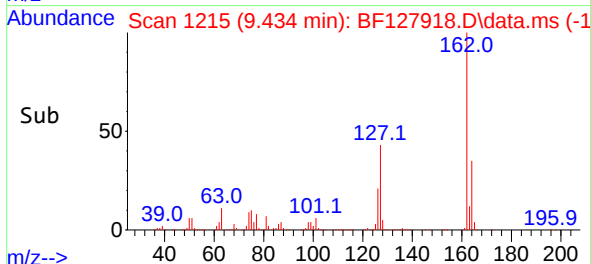
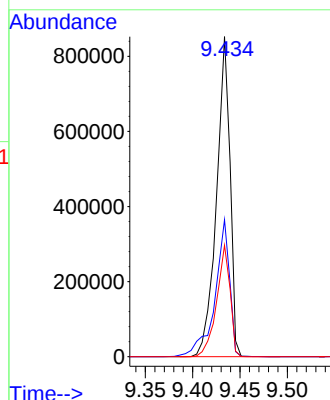
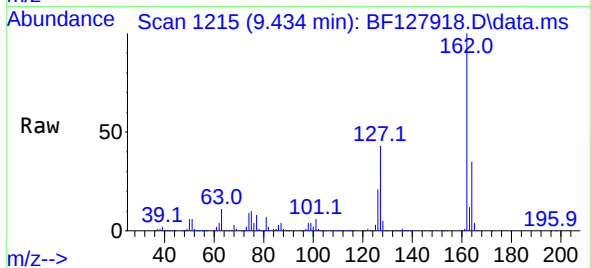
MH-10SMSD

Tgt Ion:162 Resp: 84537
 Ion Ratio Lower Upper
 162 100
 127 42.8 32.9 49.3
 164 34.8 28.2 42.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/27/2022



#48

2-Nitroaniline

Concen: 46.556 ng

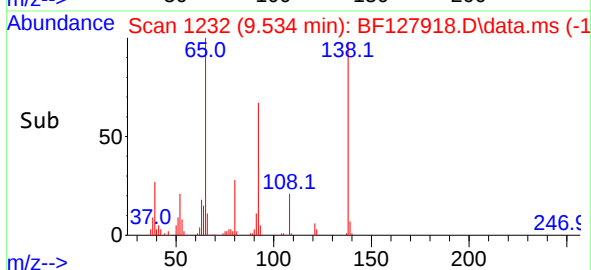
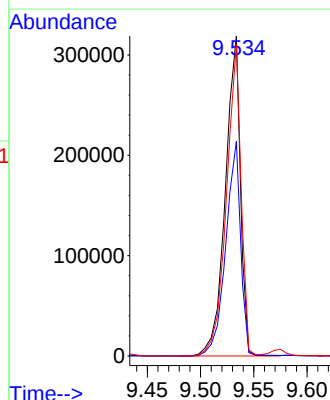
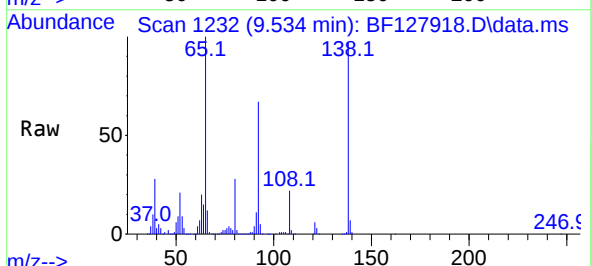
RT: 9.534 min Scan# 1232

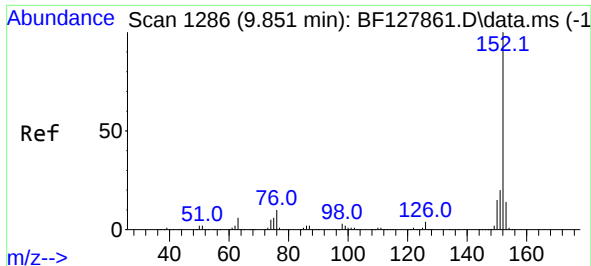
Delta R.T. 0.006 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Tgt Ion: 65 Resp: 313155
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.7 80.5
 138 97.5 76.4 114.6





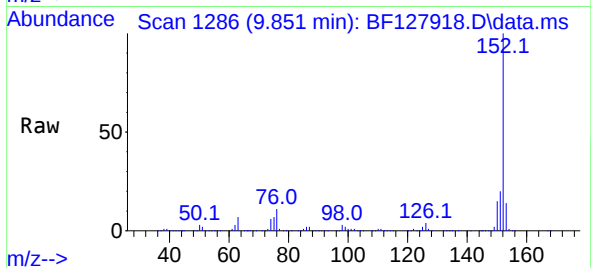
#49
Acenaphthylene
Concen: 45.181 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

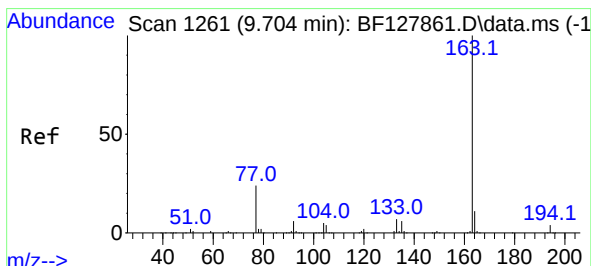
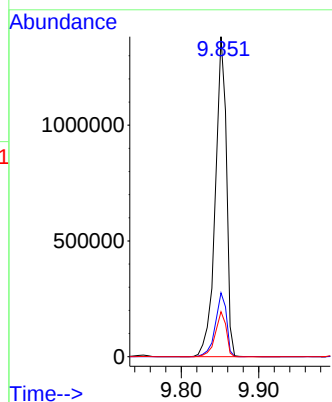
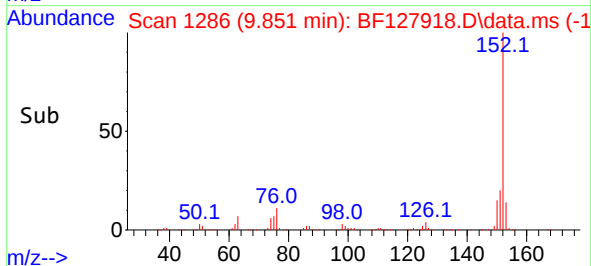


Tgt Ion:152 Resp: 1374275
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 14.0 11.2 16.8

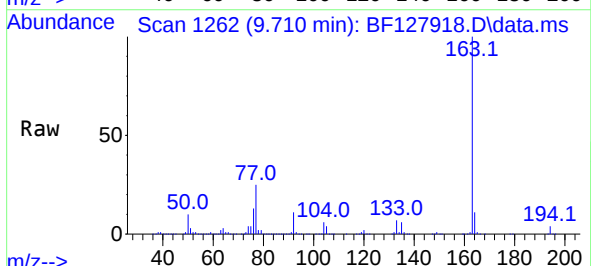
Manual Integrations

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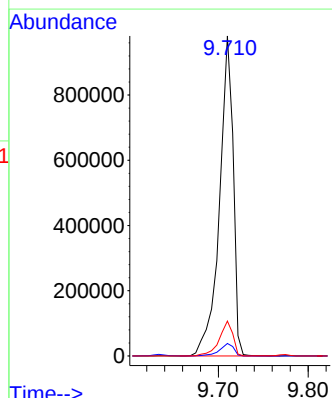
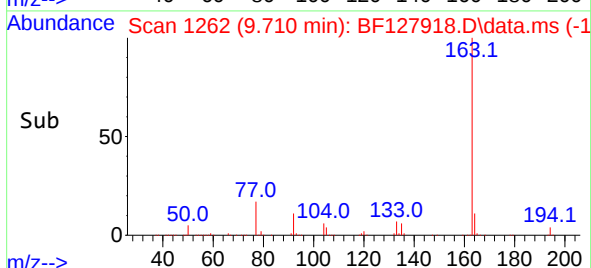
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

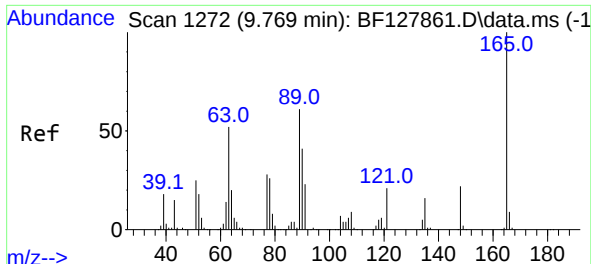


#50
Dimethylphthalate
Concen: 44.068 ng
RT: 9.710 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



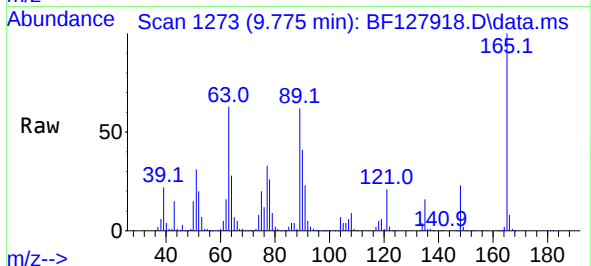
Tgt Ion:163 Resp: 1042169
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.9 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 46.565 ng
RT: 9.775 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

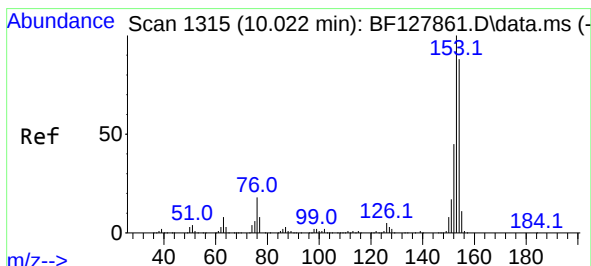
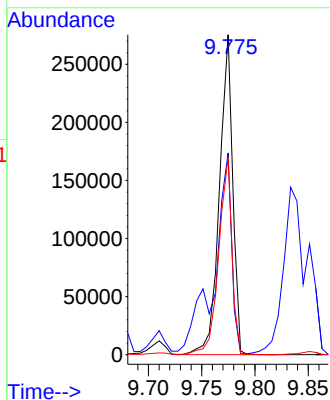
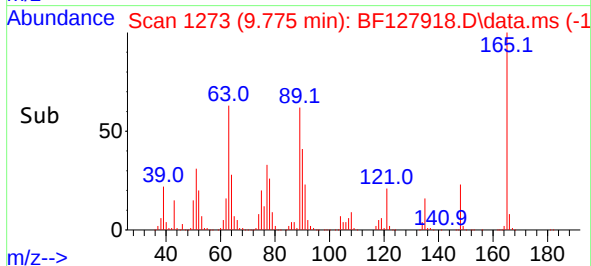
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



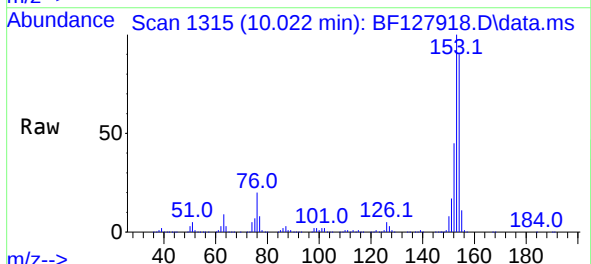
Tgt Ion:165 Resp: 238430
Ion Ratio Lower Upper
165 100
63 63.1 49.5 74.3
89 61.6 49.0 73.4

Manual Integrations
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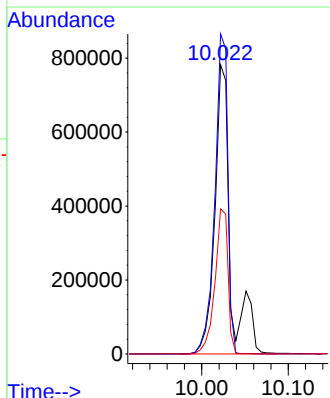
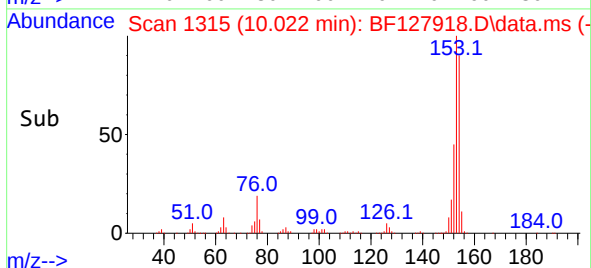
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

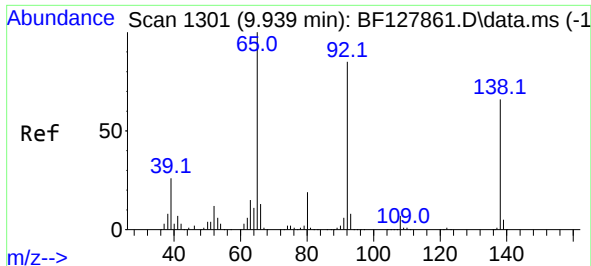


#52
Acenaphthene
Concen: 47.738 ng m
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:154 Resp: 976223
Ion Ratio Lower Upper
154 100
153 110.7 90.5 135.7
152 50.2 41.0 61.6





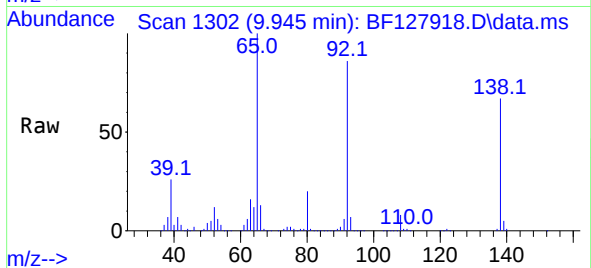
#53
3-Nitroaniline
Concen: 31.778 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

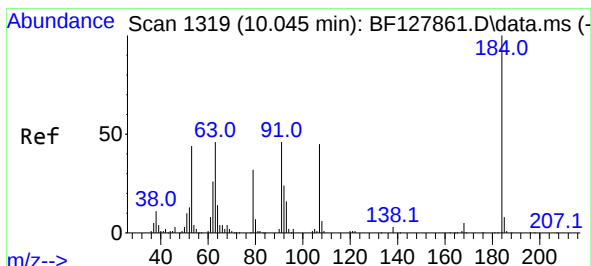
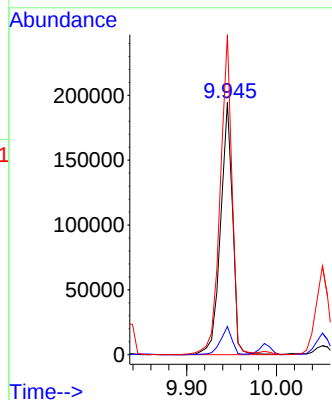
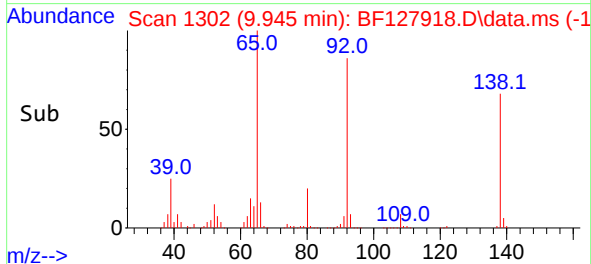


Tgt Ion:138 Resp: 180680
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.4
92 126.8 102.7 154.1

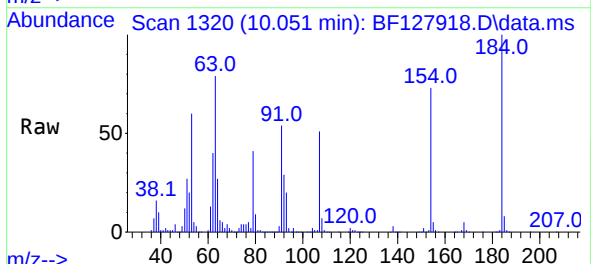
Manual Integrations

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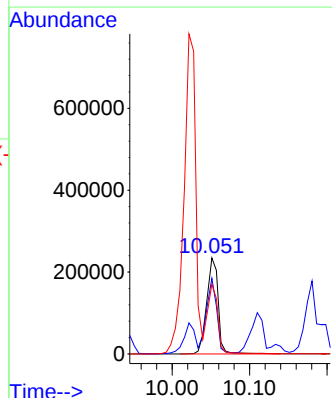
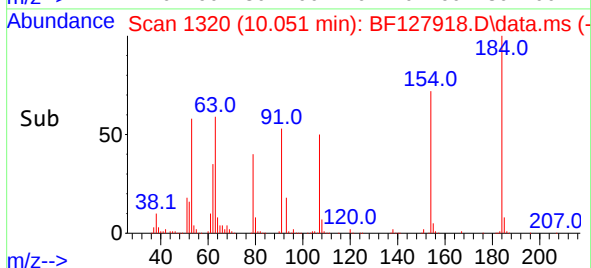
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

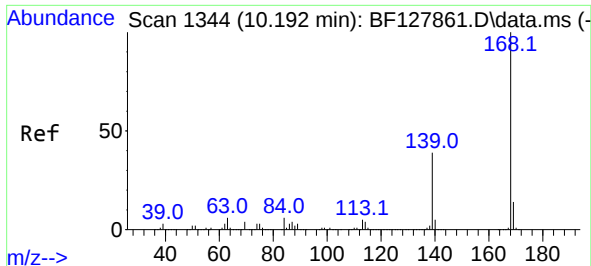


#54
2,4-Dinitrophenol
Concen: 89.676 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



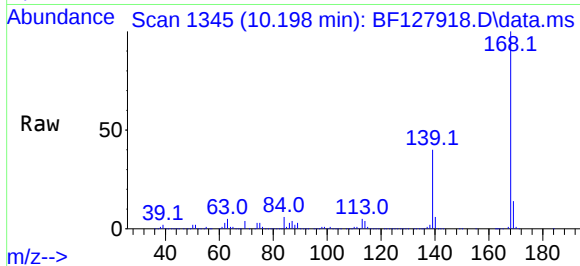
Tgt Ion:184 Resp: 241819
Ion Ratio Lower Upper
184 100
63 78.8 50.0 75.0#
154 72.5 51.7 77.5





#55
Dibenzenofuran
Concen: 41.431 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

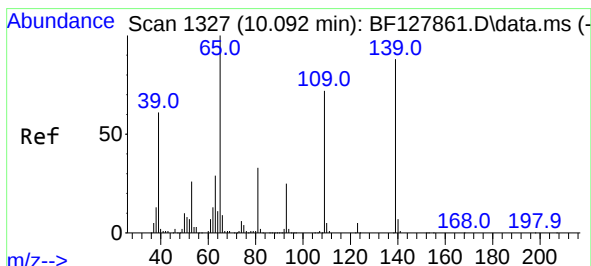
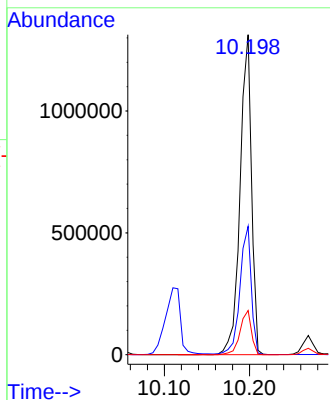
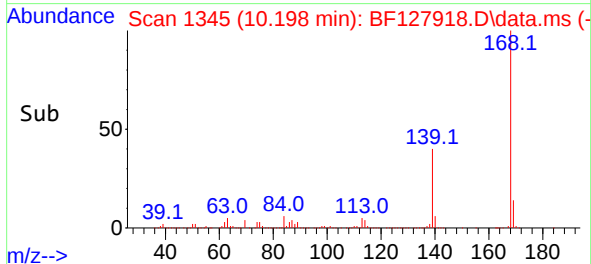
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



Tgt Ion:168 Resp: 1222370
Ion Ratio Lower Upper
168 100
139 40.1 31.7 47.5
169 13.8 10.9 16.3

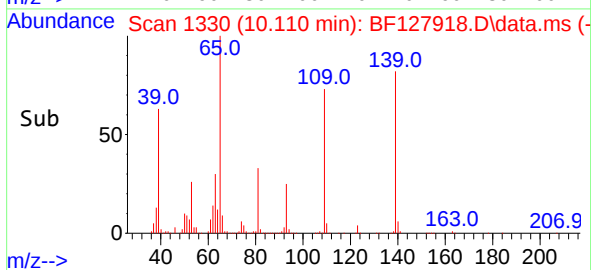
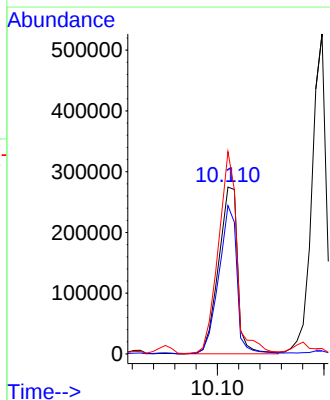
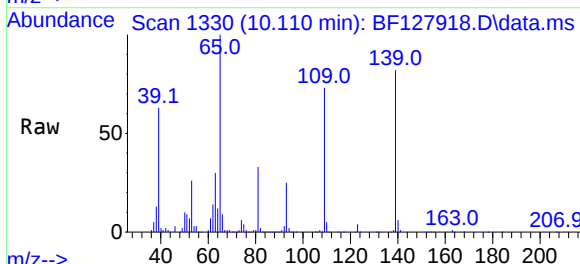
Manual Integrations
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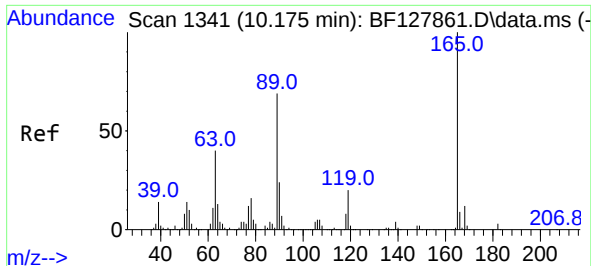
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#56
4-Nitrophenol
Concen: 78.535 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.018 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion:139 Resp: 340979
Ion Ratio Lower Upper
139 100
109 88.9 61.9 101.9
65 121.3 93.5 133.5





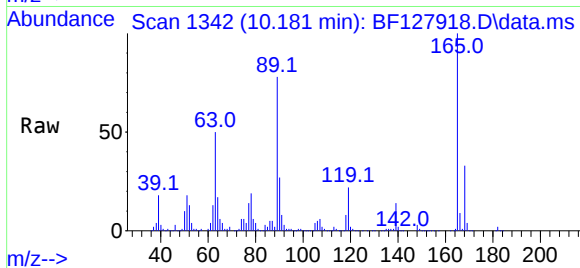
#57
2,4-Dinitrotoluene
Concen: 46.398 ng
RT: 10.181 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

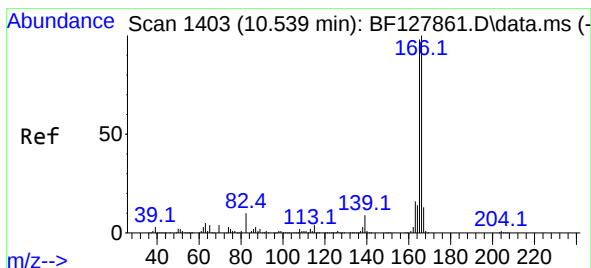
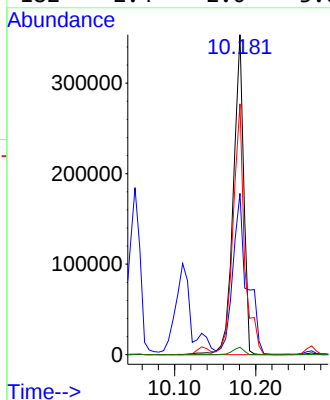
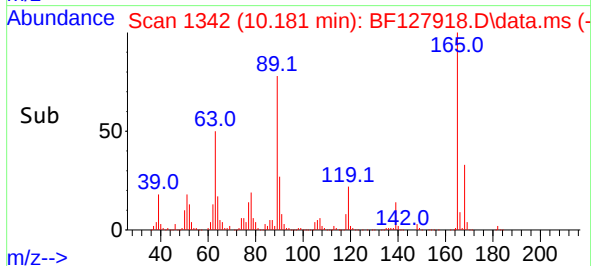


Tgt Ion:165 Resp: 314688
Ion Ratio Lower Upper
165 100
63 50.4 32.6 49.0
89 78.4 55.2 82.8
182 2.4 2.0 3.0

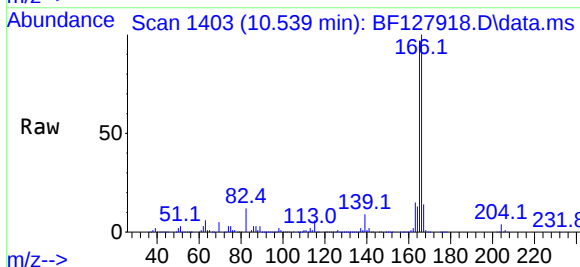
Manual Integrations

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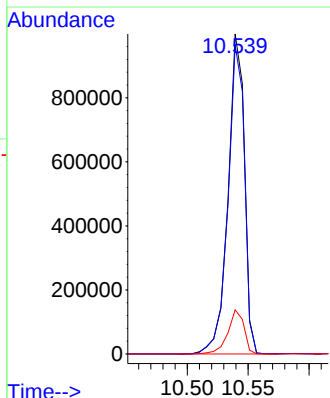
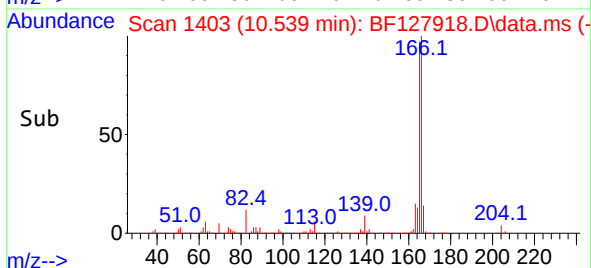
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

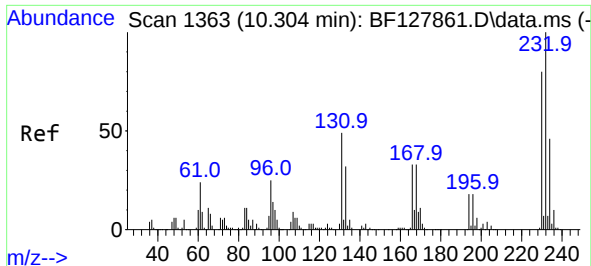


#58
Fluorene
Concen: 42.541 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



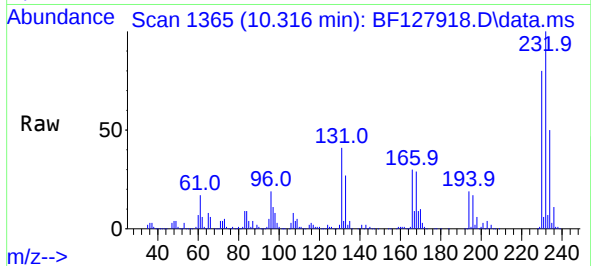
Tgt Ion:166 Resp: 936577
Ion Ratio Lower Upper
166 100
165 96.5 78.6 117.8
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.957 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

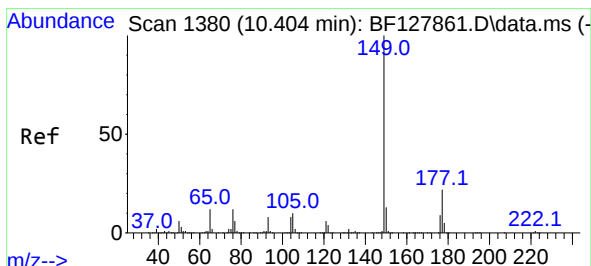
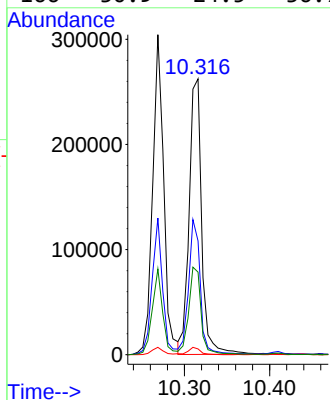
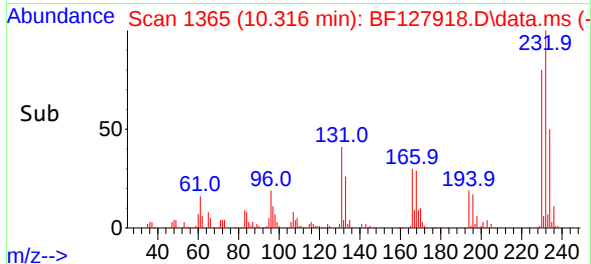
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



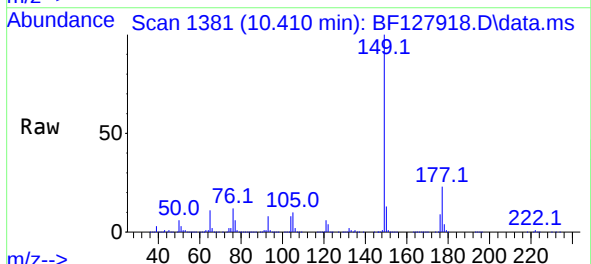
Tgt Ion:232 Resp: 268564
Ion Ratio Lower Upper
232 100
131 45.2 35.4 53.2
130 2.6 1.9 2.9
166 30.9 24.5 36.7

Manual Integrations
APPROVED

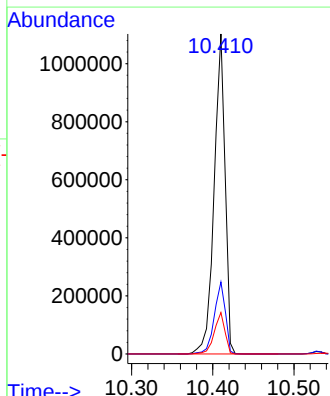
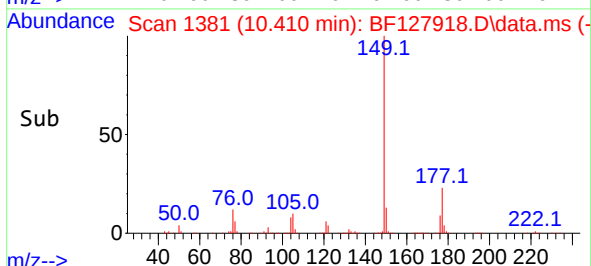
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

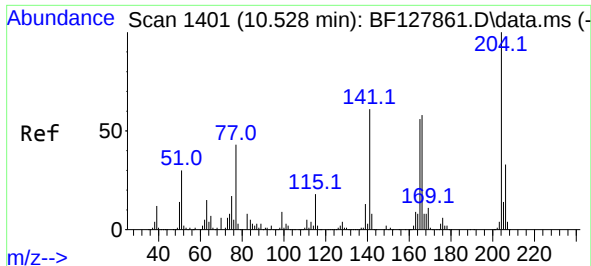


#60
Diethylphthalate
Concen: 44.431 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



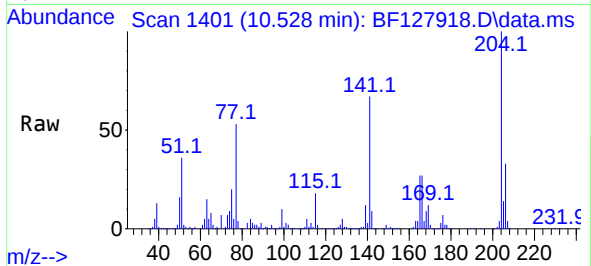
Tgt Ion:149 Resp: 1030365
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.037 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

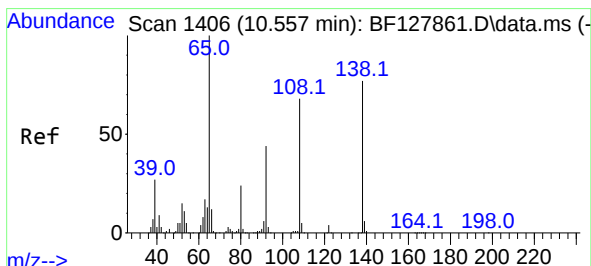
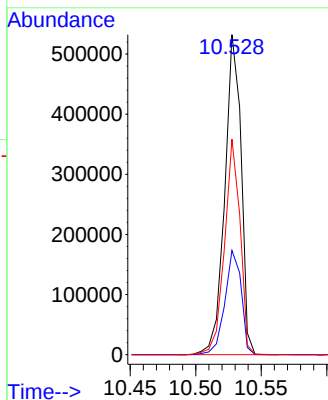
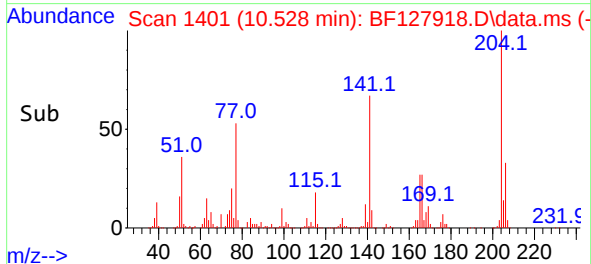
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



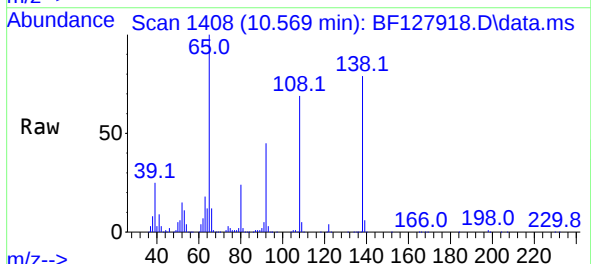
Tgt Ion:204 Resp: 459899
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 67.4 48.7 73.1

Manual Integrations
APPROVED

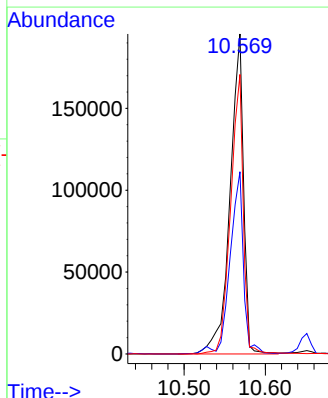
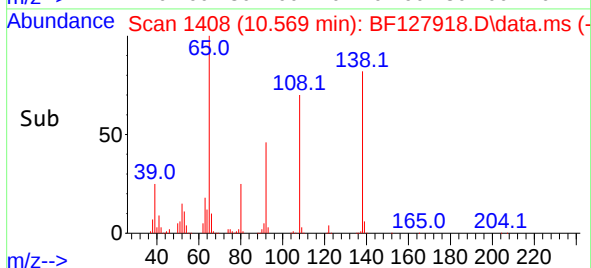
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

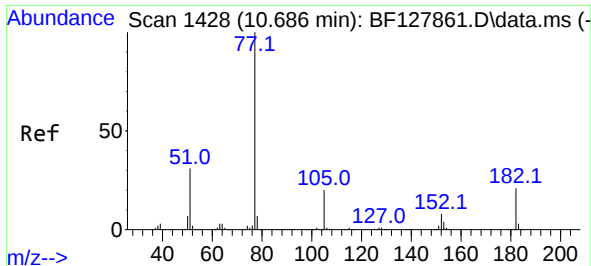


#62
4-Nitroaniline
Concen: 40.515 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



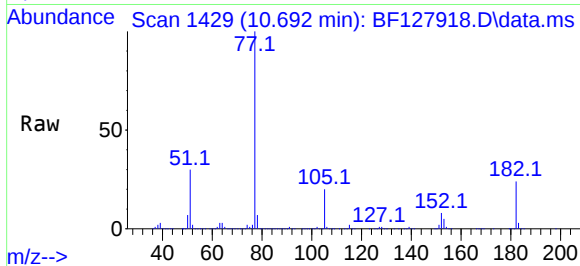
Tgt Ion:138 Resp: 225213
Ion Ratio Lower Upper
138 100
92 57.0 37.4 77.4
108 87.4 68.4 108.4





#63
Azobenzene
Concen: 42.893 ng
RT: 10.692 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

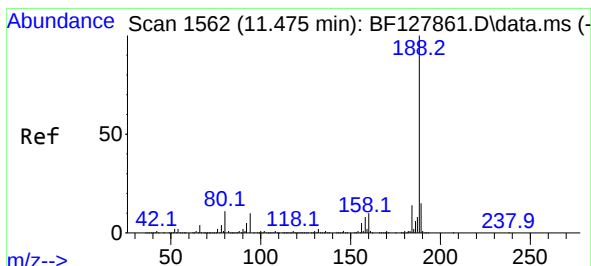
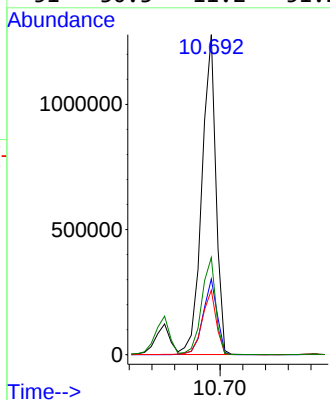
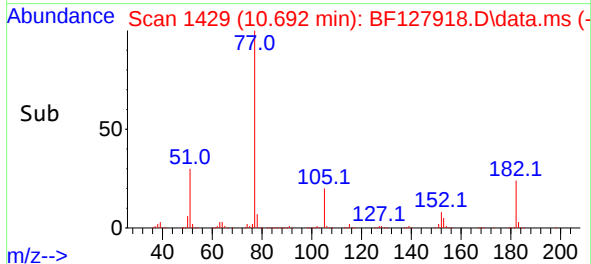
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



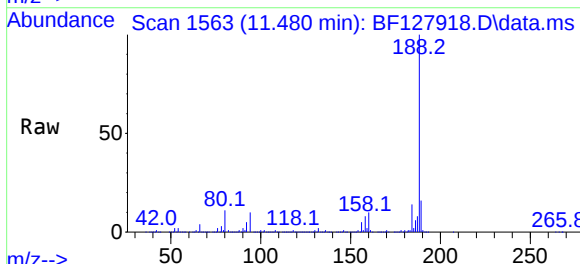
Tgt Ion: 77 Resp: 1094522
Ion Ratio Lower Upper
77 100
182 23.7 1.2 41.2
105 20.1 0.0 39.8
51 30.3 11.2 51.2

Manual Integrations
APPROVED

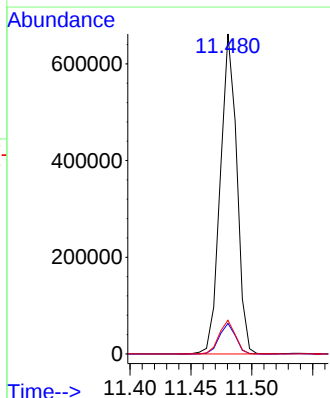
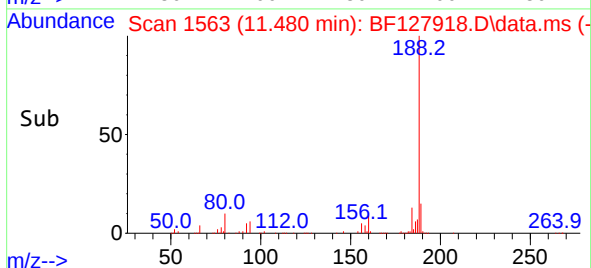
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:188 Resp: 626226
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.6 8.9 13.3





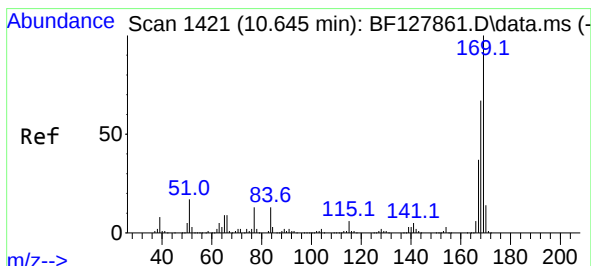
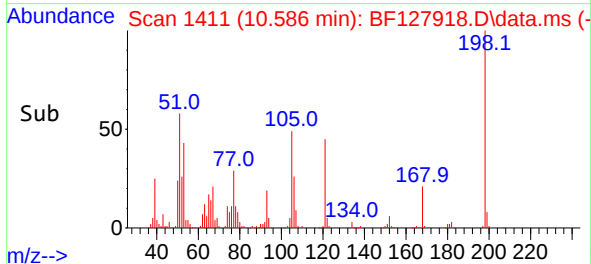
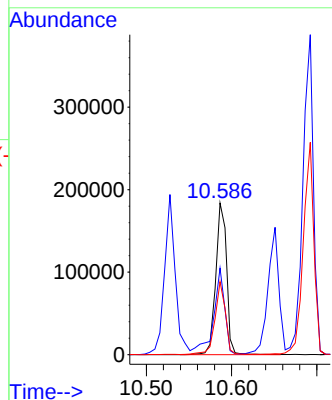
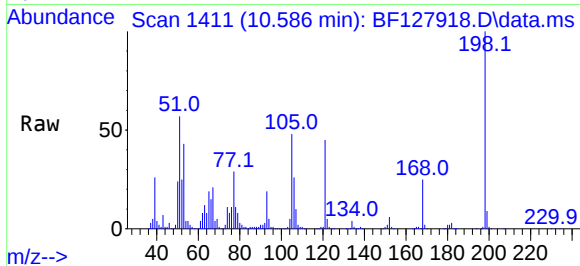
#65
4,6-Dinitro-2-methylphenol
Concen: 43.710 ng
RT: 10.586 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
BNA_F
ClientSampleId :
MH-10SMSD

Tgt Ion:198 Resp: 162645
Ion Ratio Lower Upper
198 100
51 57.1 28.4 68.4
105 48.1 23.4 63.4

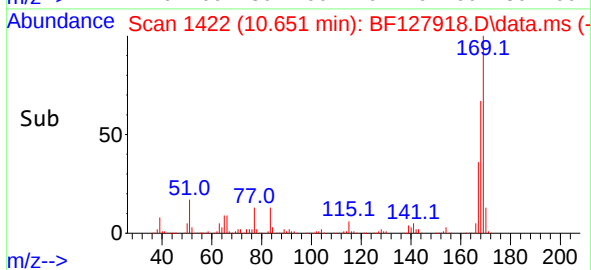
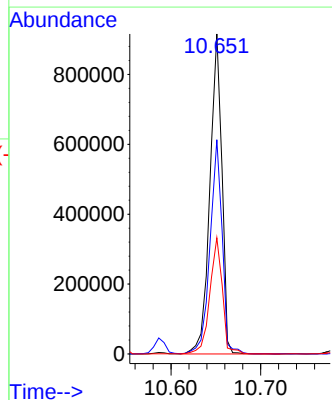
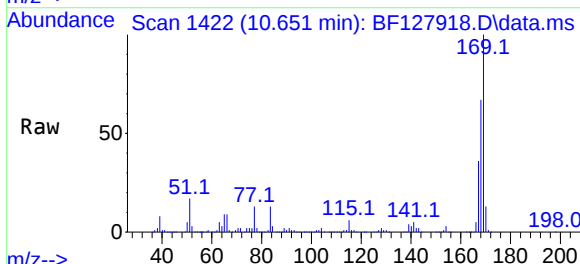
Manual Integrations
APPROVED

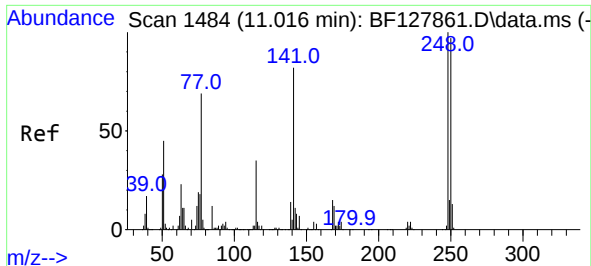
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#66
n-Nitrosodiphenylamine
Concen: 43.638 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion:169 Resp: 850313
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.6
167 36.3 29.5 44.3





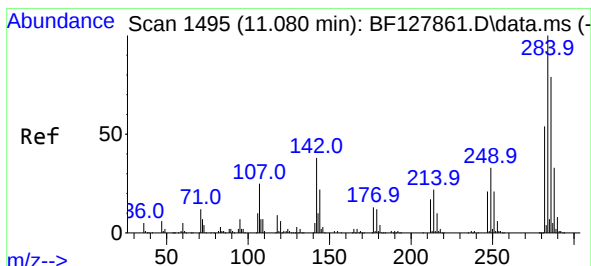
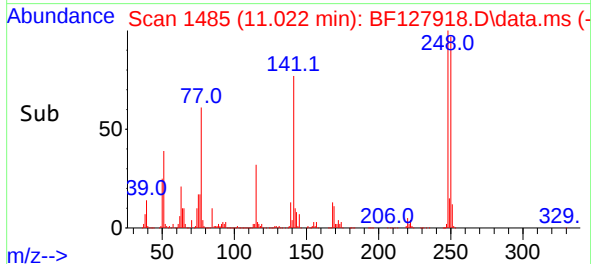
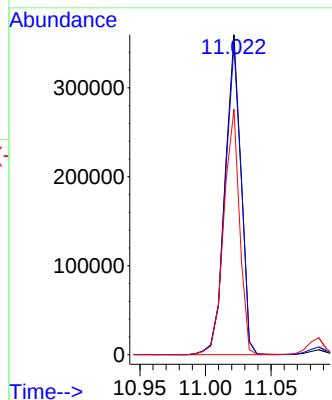
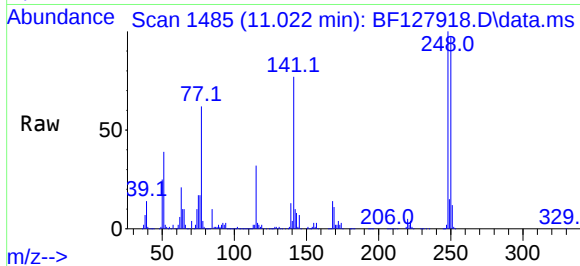
#67
4-Bromophenyl-phenylether
Concen: 43.841 ng
RT: 11.022 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
BNA_F
ClientSampleId :
MH-10SMSD

Tgt Ion:248 Resp: 304340
Ion Ratio Lower Upper
248 100
250 96.7 77.7 116.5
141 76.7 65.6 98.4

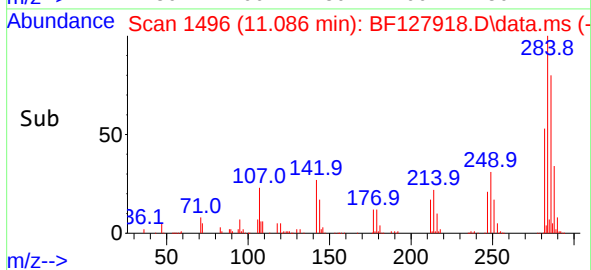
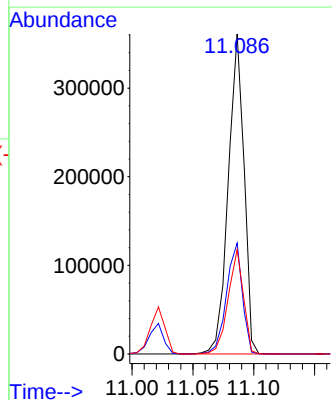
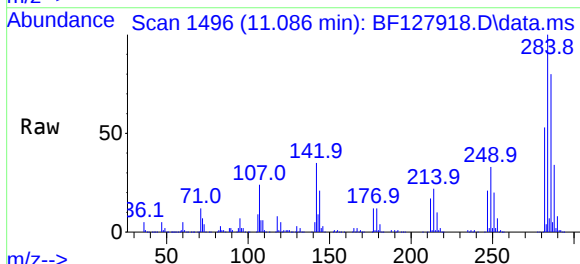
Manual Integrations
APPROVED

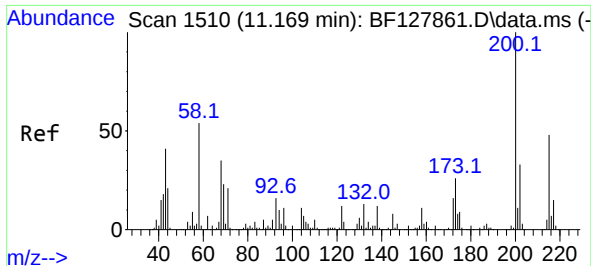
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#68
Hexachlorobenzene
Concen: 44.531 ng
RT: 11.086 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

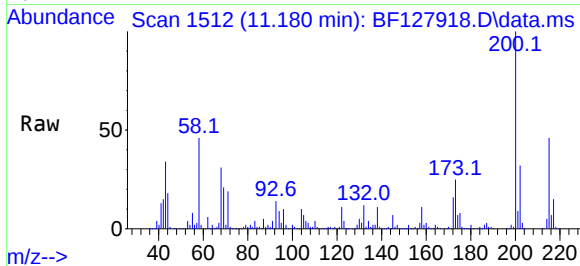
Tgt Ion:284 Resp: 325701
Ion Ratio Lower Upper
284 100
142 34.6 30.2 45.4
249 32.6 26.1 39.1





#69
Atrazine
Concen: 49.825 ng
RT: 11.180 min Scan# 1510
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

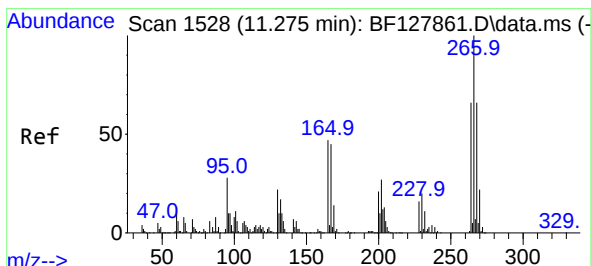
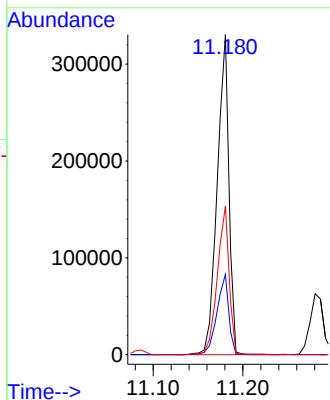
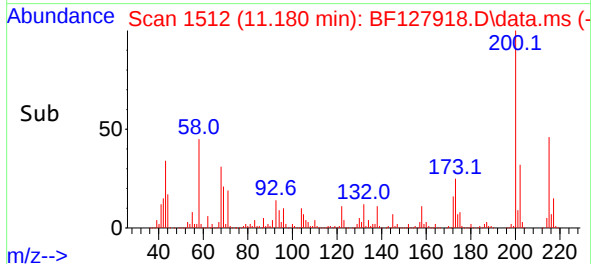
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



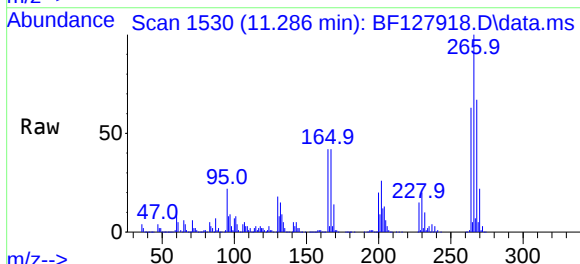
Tgt Ion:200 Resp: 30021
Ion Ratio Lower Upper
200 100
173 25.1 6.0 46.0
215 46.4 28.1 68.1

Manual Integrations
APPROVED

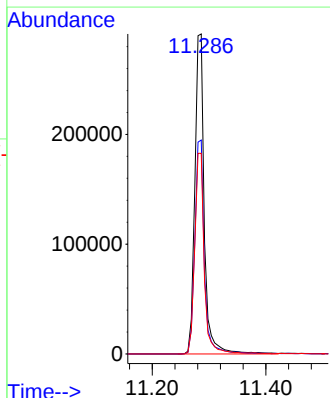
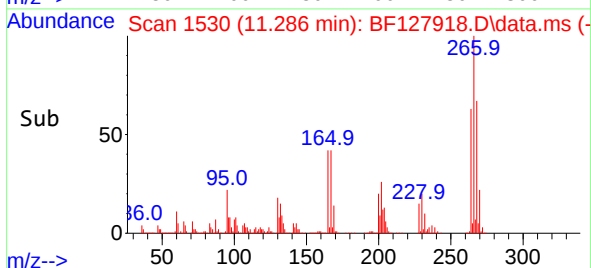
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

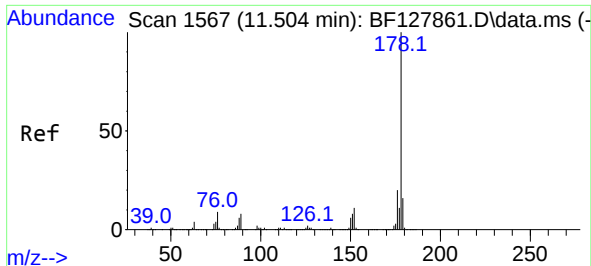


#70
Pentachlorophenol
Concen: 78.920 ng
RT: 11.286 min Scan# 1530
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:266 Resp: 339583
Ion Ratio Lower Upper
266 100
268 66.9 53.0 79.6
264 62.7 53.1 79.7





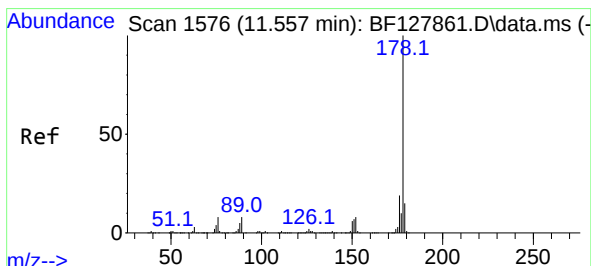
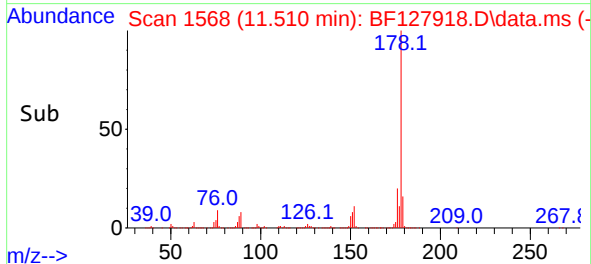
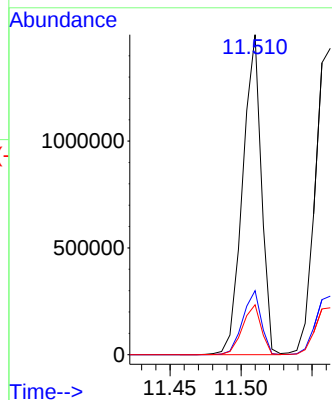
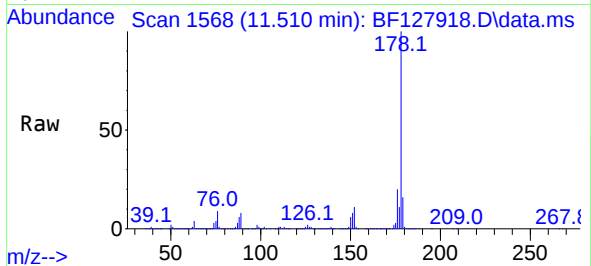
#71
Phenanthrene
Concen: 41.832 ng
RT: 11.510 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
BNA_F
ClientSampleId :
MH-10SMSD

Tgt Ion:178 Resp: 1371240
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.6 12.6 19.0

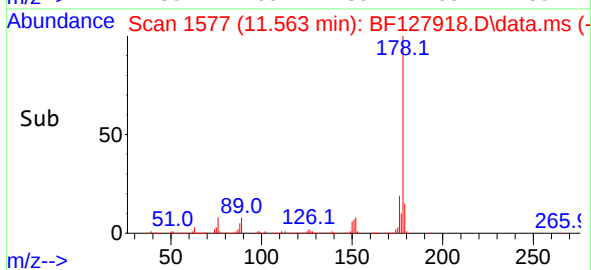
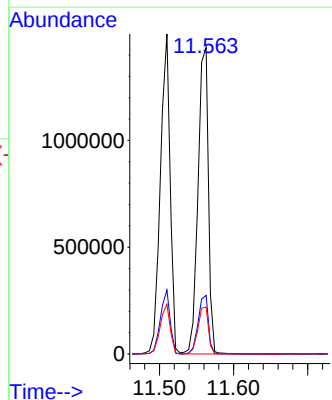
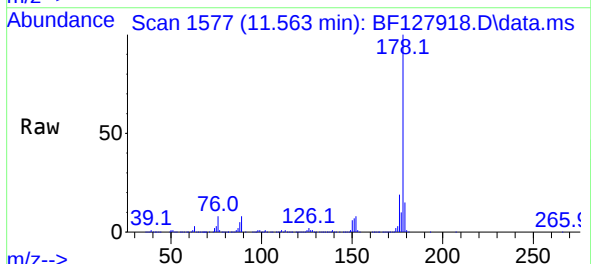
Manual Integrations
APPROVED

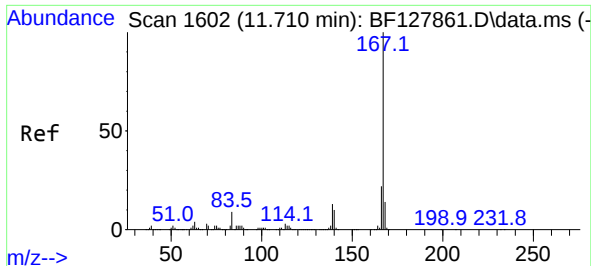
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#72
Anthracene
Concen: 42.598 ng
RT: 11.563 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

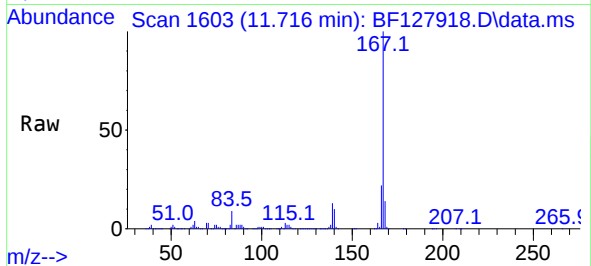
Tgt Ion:178 Resp: 1390984
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 37.832 ng
 RT: 11.716 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: BF127918.D
 Acq: 26 Apr 2022 17:48

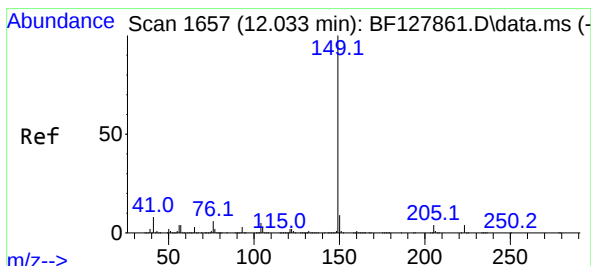
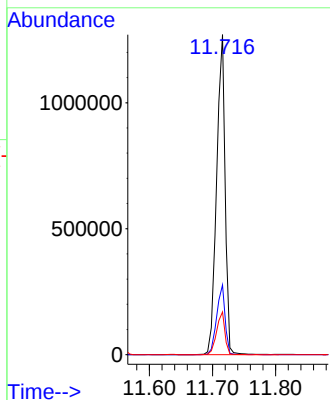
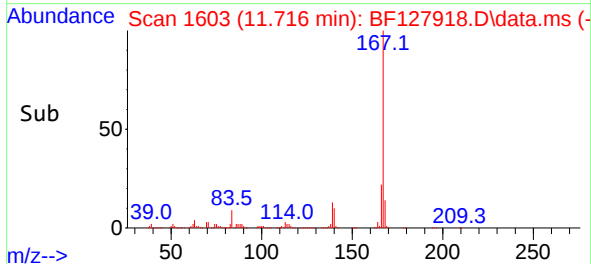
Instrument :
 BNA_F
 ClientSampleId :
 MH-10SMSD



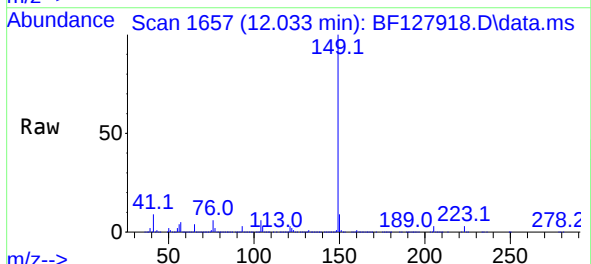
Tgt Ion:167 Resp: 1190620
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.4 10.7 16.1

Manual Integrations
 APPROVED

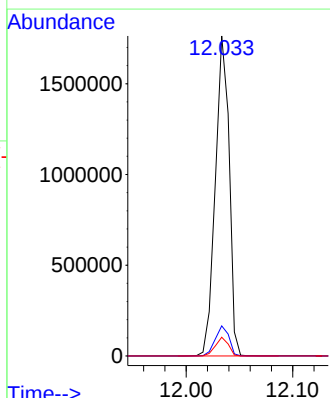
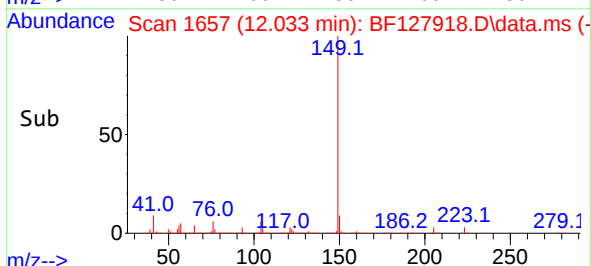
Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/27/2022

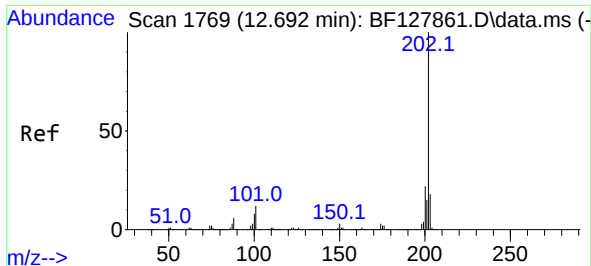


#74
 Di-n-butylphthalate
 Concen: 44.750 ng
 RT: 12.033 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF127918.D
 Acq: 26 Apr 2022 17:48



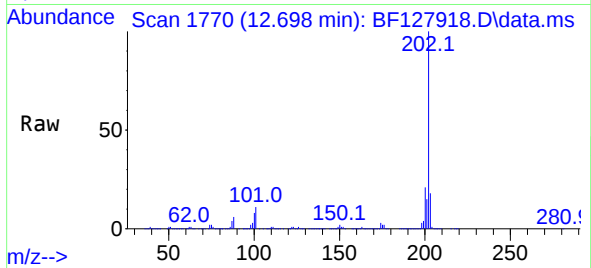
Tgt Ion:149 Resp: 1583626
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.8 4.3 6.5





#75
Fluoranthene
Concen: 38.974 ng
RT: 12.698 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

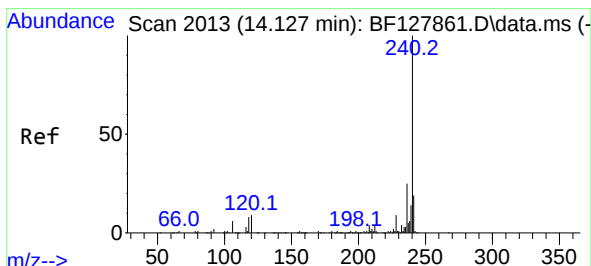
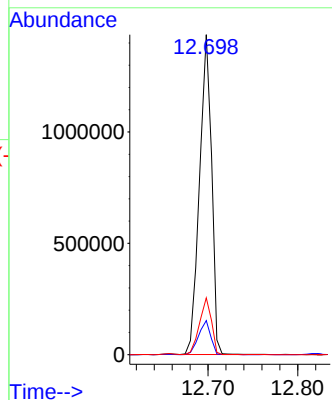
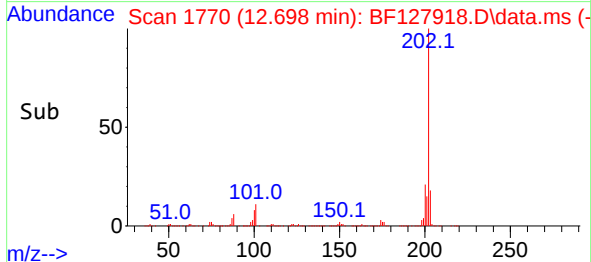
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



Tgt Ion:202 Resp: 1344590
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.6
203 17.8 0.0 38.1

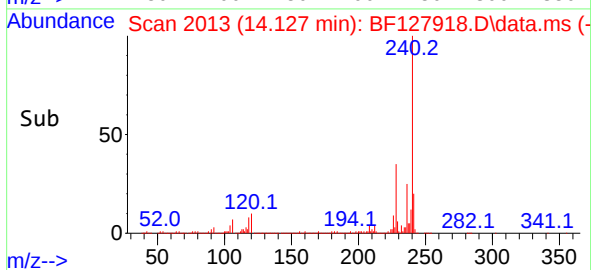
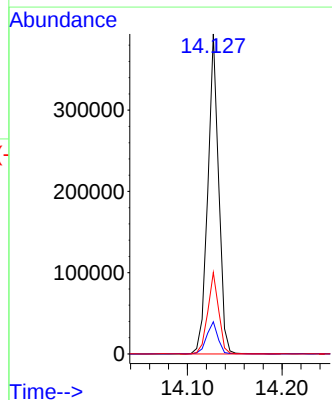
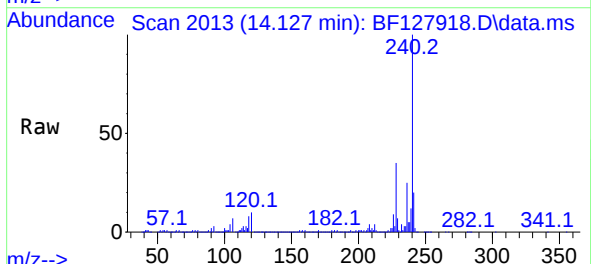
Manual Integrations
APPROVED

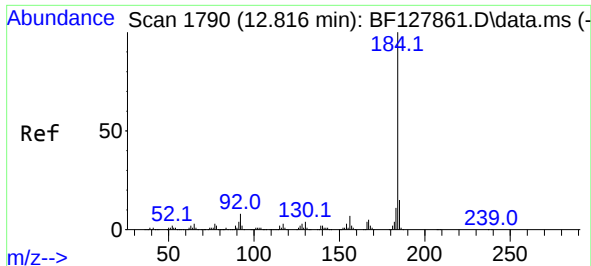
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

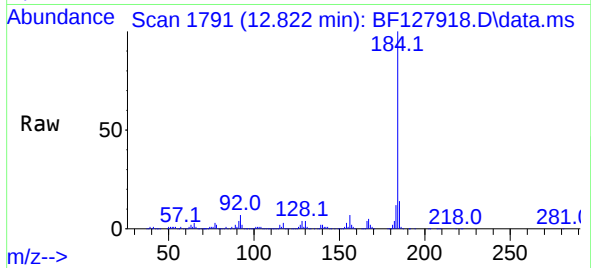
Tgt Ion:240 Resp: 312301
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.5 20.3 30.5





#77
Benzidine
Concen: 96.808 ng
RT: 12.822 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

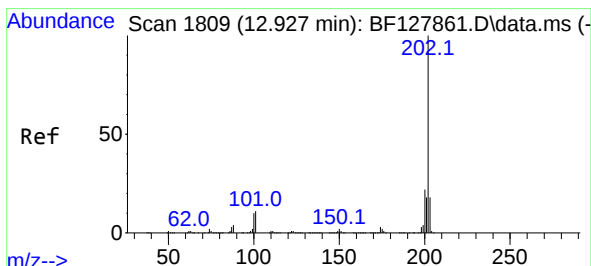
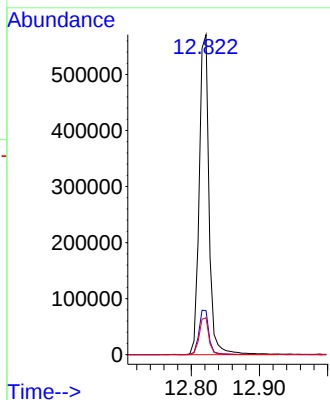
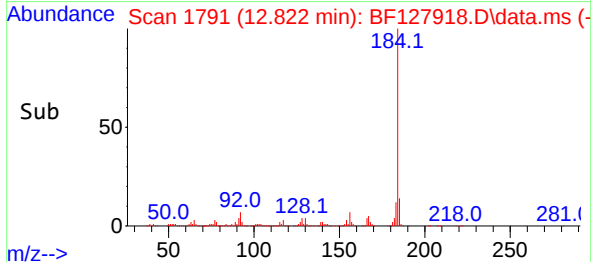
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



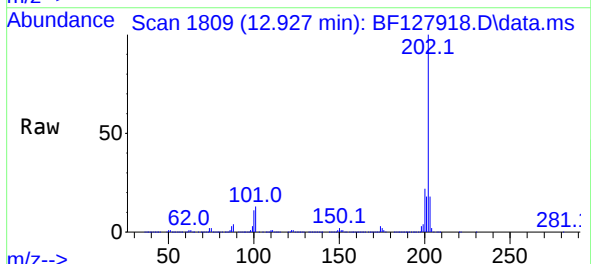
Tgt Ion:184 Resp: 572059
Ion Ratio Lower Upper
184 100
185 13.7 12.1 18.1
183 11.6 9.0 13.4

Manual Integrations
APPROVED

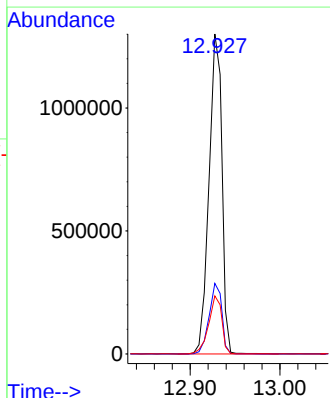
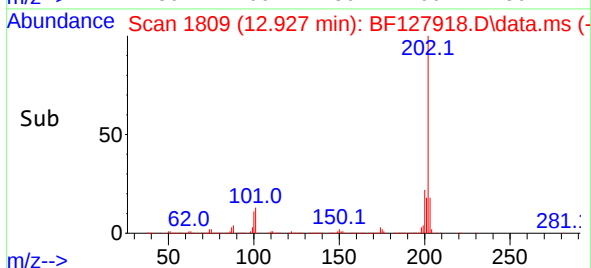
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

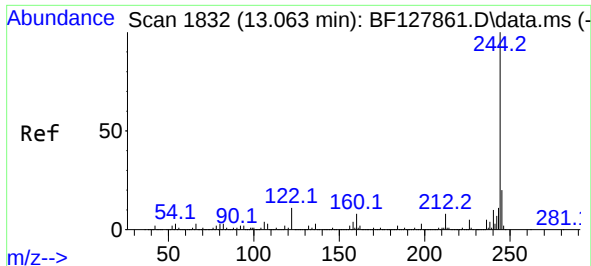


#78
Pyrene
Concen: 51.524 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



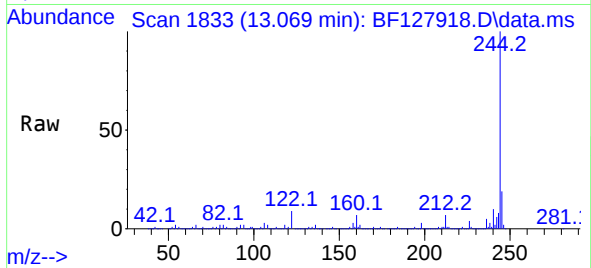
Tgt Ion:202 Resp: 1298953
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.1 14.0 21.0





#79
Terphenyl-d14
Concen: 81.282 ng
RT: 13.069 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

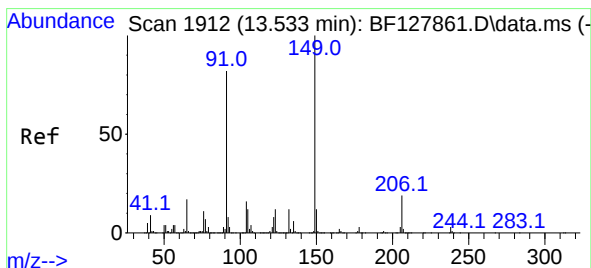
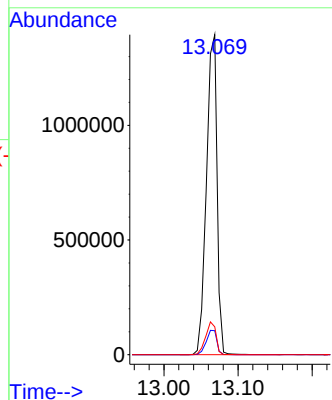
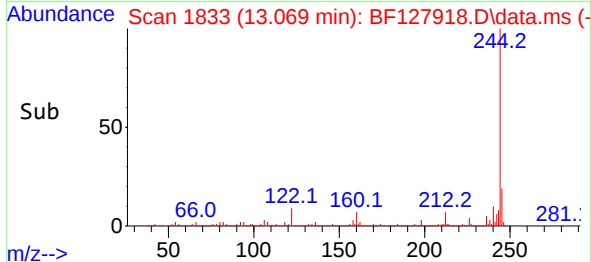
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



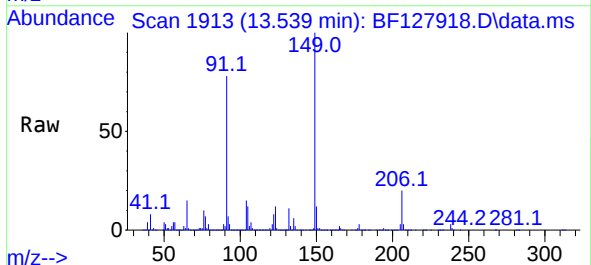
Tgt Ion:244 Resp: 1388227
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.7 8.6 12.8

Manual Integrations
APPROVED

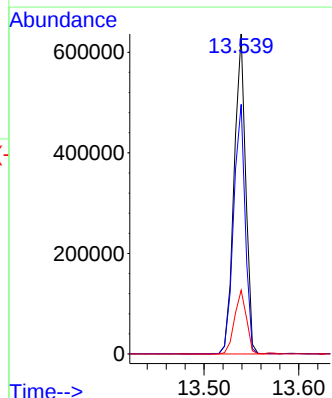
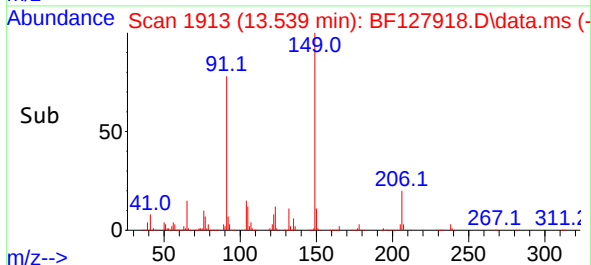
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

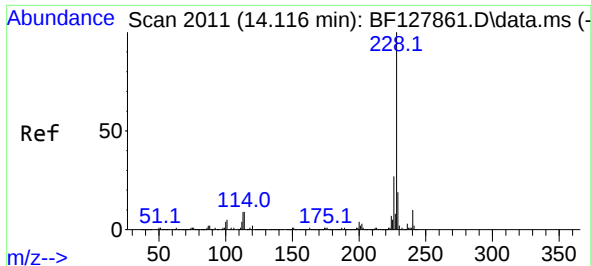


#80
Butylbenzylphthalate
Concen: 54.754 ng
RT: 13.539 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48



Tgt Ion:149 Resp: 541045
Ion Ratio Lower Upper
149 100
91 78.0 65.8 98.6
206 19.9 15.4 23.2





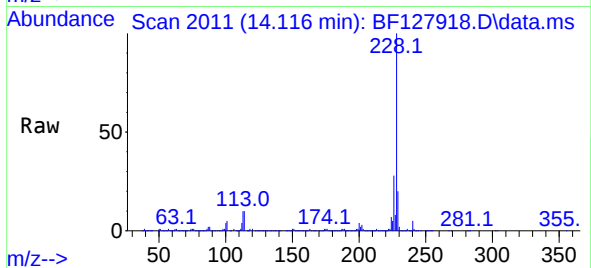
#81
Benzo(a)anthracene
Concen: 45.196 ng
RT: 14.116 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

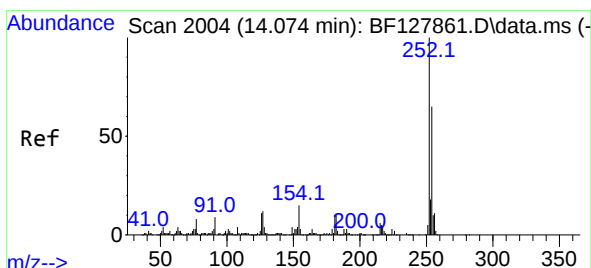
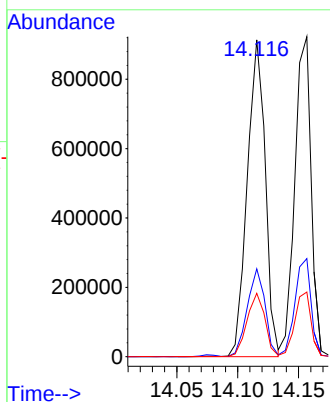
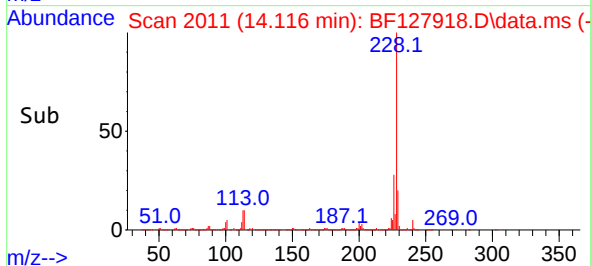


Tgt Ion:228 Resp: 940780
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.0 15.4 23.2

Manual Integrations

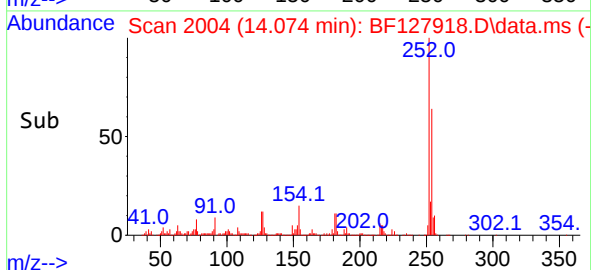
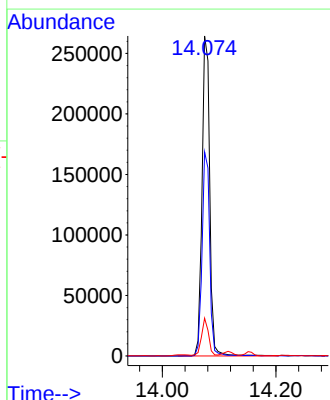
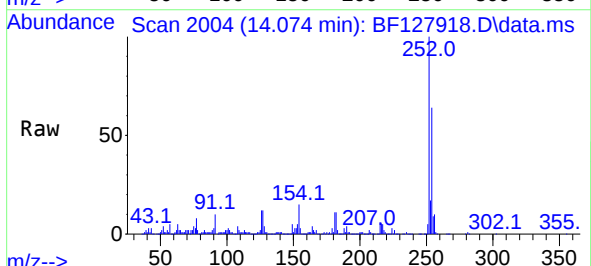
APPROVED

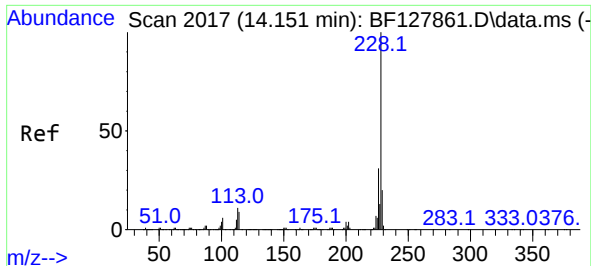
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.497 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion:252 Resp: 247830
Ion Ratio Lower Upper
252 100
254 63.7 51.6 77.4
126 11.8 8.8 13.2





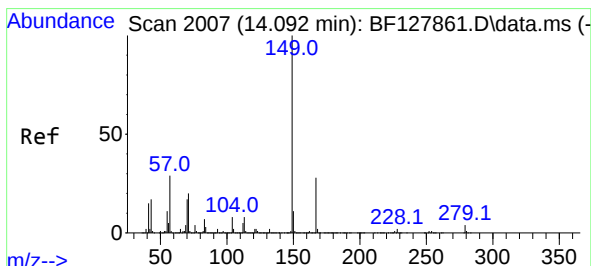
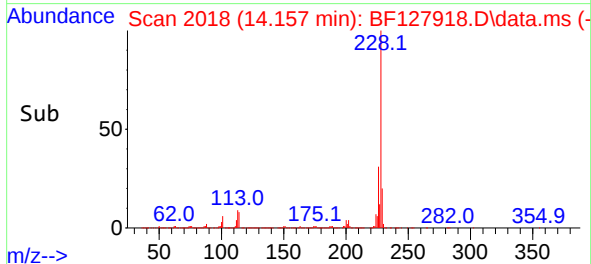
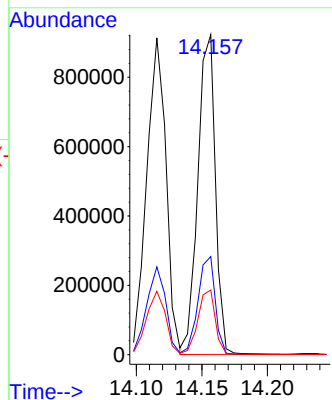
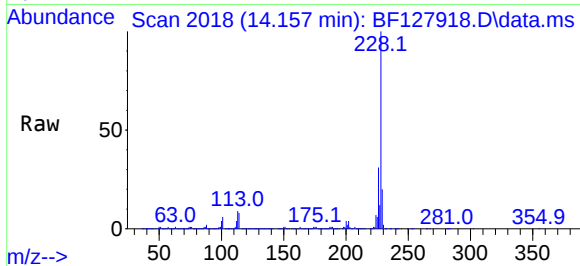
#83
Chrysene
Concen: 43.269 ng
RT: 14.157 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :
BNA_F
Client Sample Id :
MH-10SMSD

Tgt Ion: 228 Resp: 860170
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.2 15.8 23.8

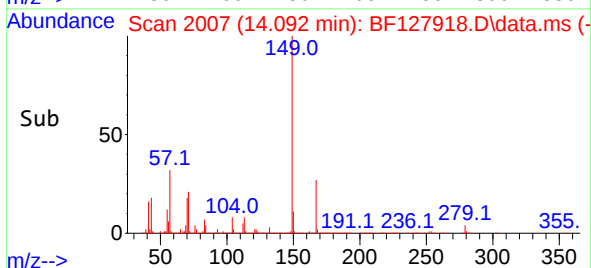
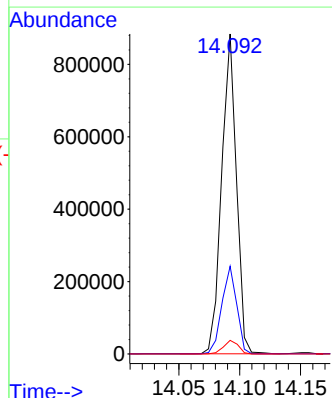
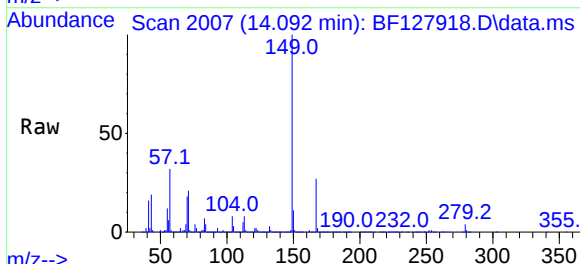
Manual Integrations
APPROVED

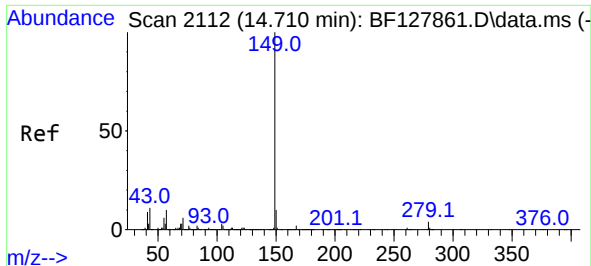
Reviewed By : Christian Giraldo 04/27/2022
Supervised By : Jagrut Upadhyay 04/27/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.997 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

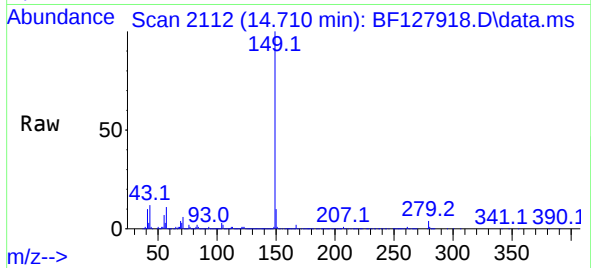
Tgt Ion: 149 Resp: 746880
Ion Ratio Lower Upper
149 100
167 27.4 22.0 33.0
279 4.3 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 55.293 ng
RT: 14.710 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

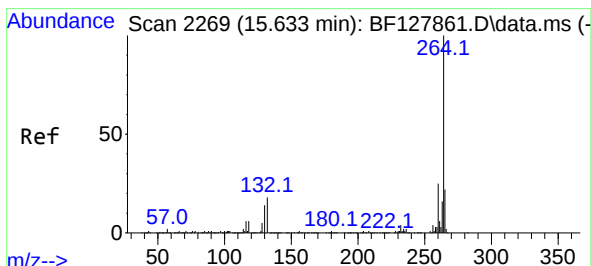
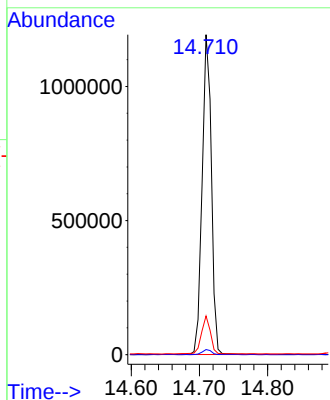
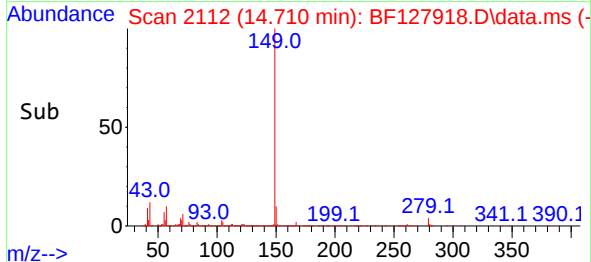
Instrument :
BNA_F
ClientSampleId :
MH-10SMSD



Tgt Ion:149 Resp: 112284
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 8.9 13.3

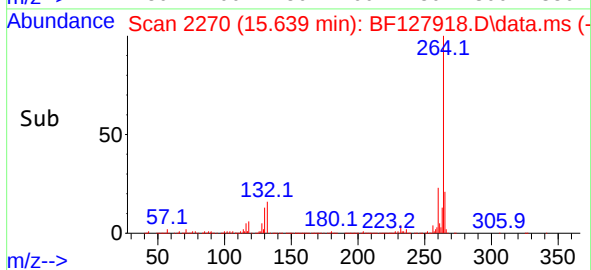
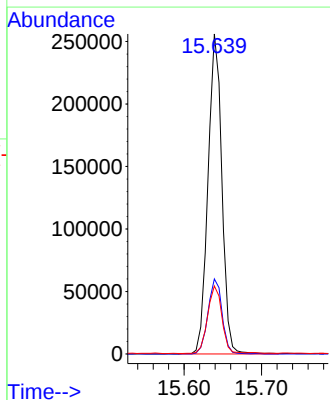
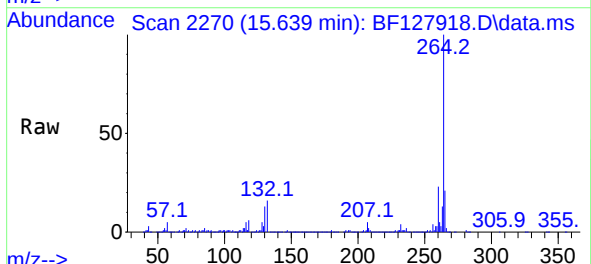
Manual Integrations
APPROVED

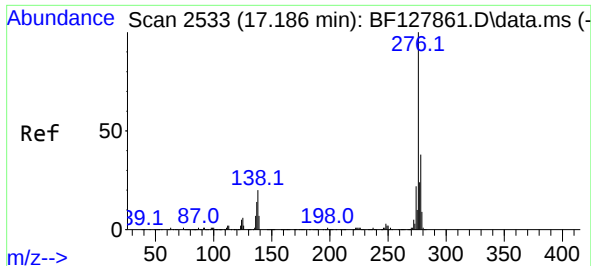
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion:264 Resp: 318125
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 21.3 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.695 ng
RT: 17.198 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

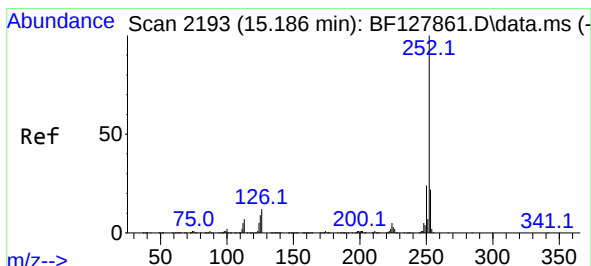
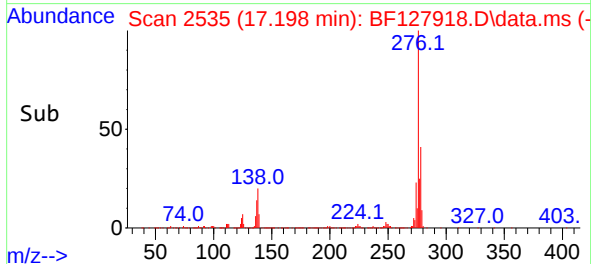
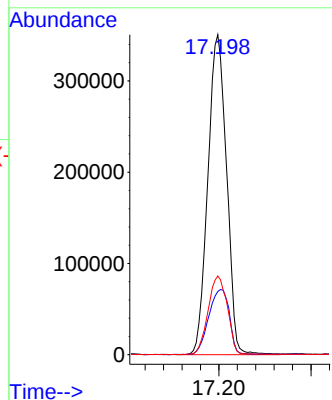
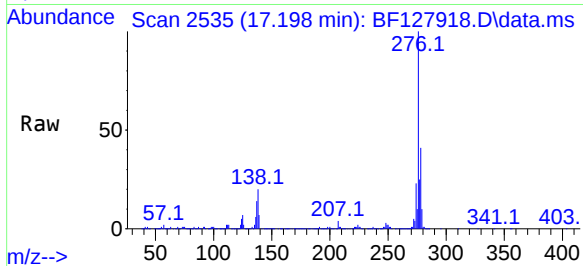
MH-10SMSD

Tgt Ion:276 Resp: 991538
Ion Ratio Lower Upper
276 100
138 22.4 19.0 28.4
277 25.2 20.1 30.1

Manual Integrations

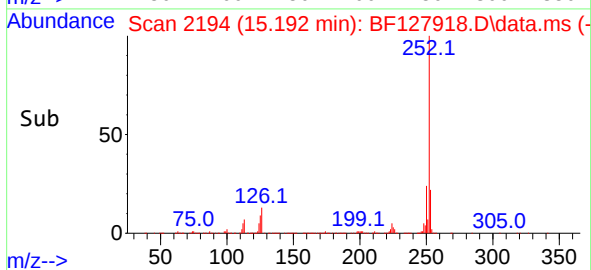
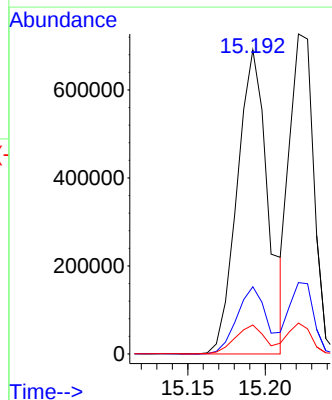
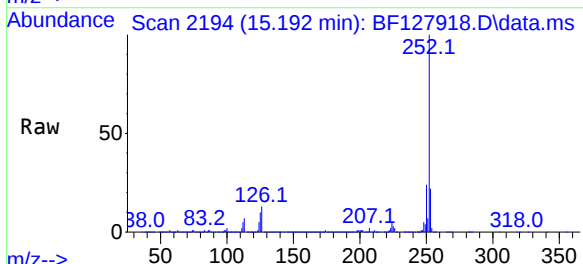
APPROVED

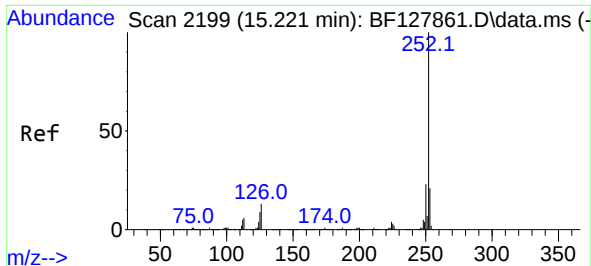
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#88
Benzo(b)fluoranthene
Concen: 47.802 ng
RT: 15.192 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF127918.D
Acq: 26 Apr 2022 17:48

Tgt Ion:252 Resp: 955134
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.117 ng

RT: 15.221 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

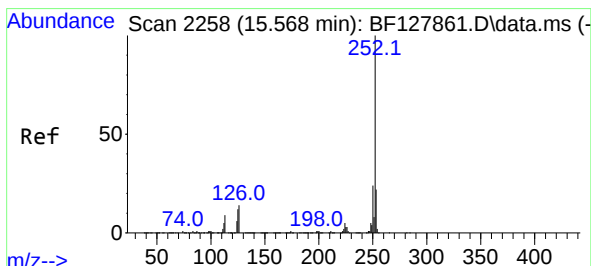
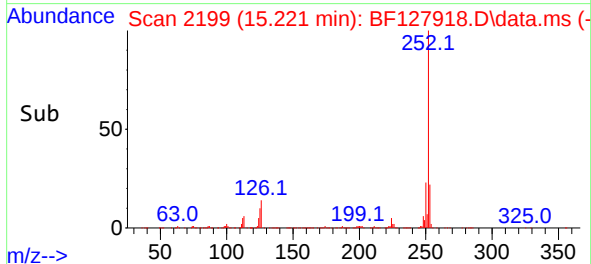
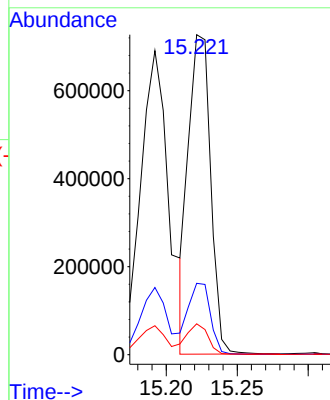
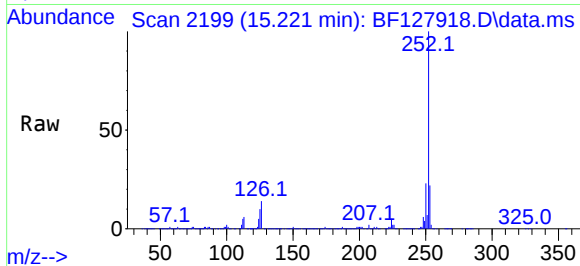
Tgt Ion:252 Resp: 787439

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	9.6	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#90

Benzo(a)pyrene

Concen: 53.004 ng

RT: 15.580 min Scan# 2260

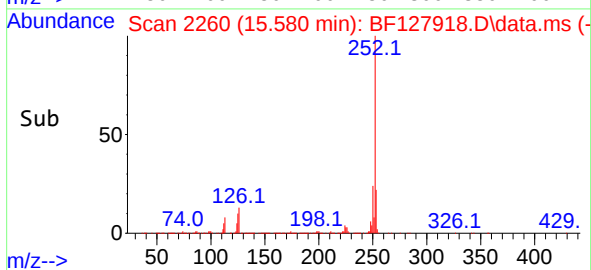
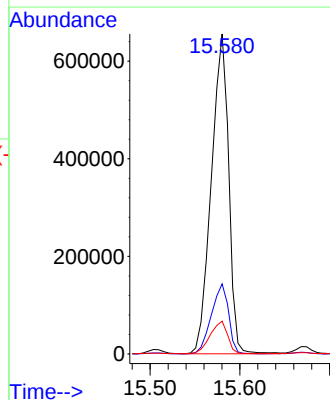
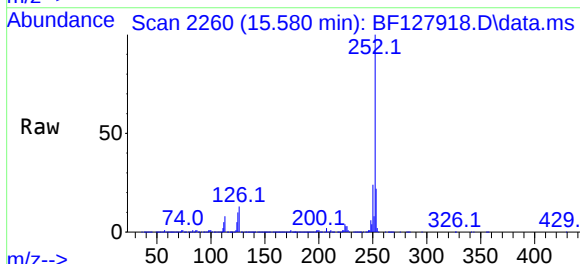
Delta R.T. 0.012 min

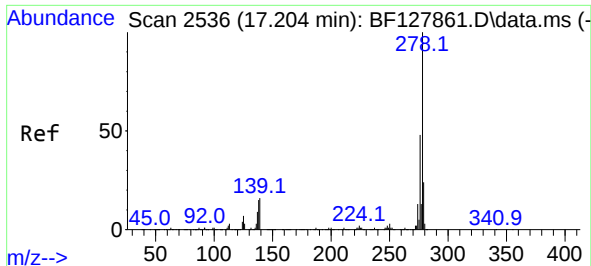
Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Tgt Ion:252 Resp: 878491

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.3	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 49.435 ng

RT: 17.215 min Scan# 2538

Delta R.T. 0.012 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Instrument :

BNA_F

ClientSampleId :

MH-10SMSD

Tgt Ion:278 Resp: 841869

Ion Ratio Lower Upper

278 100

139 14.6 12.6 19.0

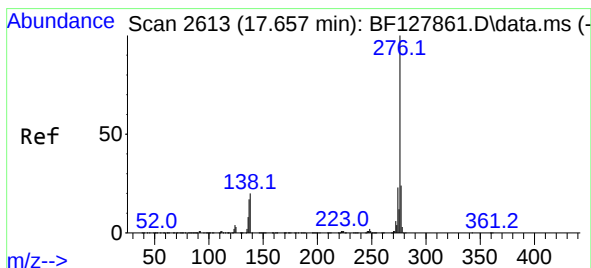
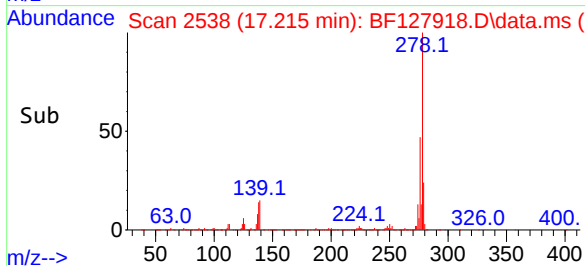
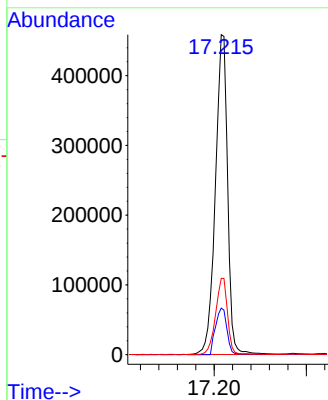
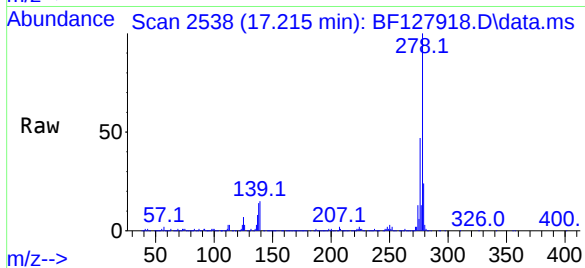
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#92

Benzo(g,h,i)perylene

Concen: 46.674 ng

RT: 17.674 min Scan# 2616

Delta R.T. 0.018 min

Lab File: BF127918.D

Acq: 26 Apr 2022 17:48

Tgt Ion:276 Resp: 837648

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 19.4 16.2 24.2

