

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127906.D
 Acq On : 26 Apr 2022 11:18
 Operator : CG\JU
 Sample : PB144358BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144358BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 01:46:14 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	6.946	152	186544	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	727957	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	398458	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	671386	20.000	ng	0.01
76) Chrysene-d12	14.133	240	406032	20.000	ng	0.00
86) Perylene-d12	15.645	264	344855	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1016680	86.808	ng	0.02
7) Phenol-d6	6.575	99	1325466	87.220	ng	0.00
23) Nitrobenzene-d5	7.516	82	1369229	88.449	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	347071	86.526	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	2082337	88.410	ng	0.00
79) Terphenyl-d14	13.069	244	2033670	91.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.952	88	199942	35.781	ng	98
3) Pyridine	3.687	79	553527	38.660	ng	99
4) n-Nitrosodimethylamine	3.663	42	327786	47.296	ng	100
6) Aniline	6.610	93	689185	38.170	ng	99
8) 2-Chlorophenol	6.734	128	589953	48.533	ng	99
9) Benzaldehyde	6.498	77	401203	42.675	ng	93
10) Phenol	6.587	94	717390m	46.805	ng	
11) bis(2-Chloroethyl)ether	6.681	93	608194	47.835	ng	98
12) 1,3-Dichlorobenzene	6.887	146	621468	44.415	ng	98
13) 1,4-Dichlorobenzene	6.963	146	626036	44.824	ng	98
14) 1,2-Dichlorobenzene	7.116	146	591154	45.722	ng	99
15) Benzyl Alcohol	7.093	79	503268	48.698	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.216	45	919762	47.331	ng	97
17) 2-Methylphenol	7.198	107	527204	50.267	ng	95
18) Hexachloroethane	7.457	117	244903	47.697	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	443040	47.625	ng	99
20) 3+4-Methylphenols	7.351	107	547082	43.180	ng	92
22) Acetophenone	7.357	105	782279	44.090	ng	# 91
24) Nitrobenzene	7.534	77	690770	46.307	ng	98
25) Isophorone	7.769	82	1303103	50.014	ng	99
26) 2-Nitrophenol	7.845	139	313458	49.312	ng	97
27) 2,4-Dimethylphenol	7.881	122	554264	52.496	ng	100
28) bis(2-Chloroethoxy)met...	7.975	93	766845	45.925	ng	98
29) 2,4-Dichlorophenol	8.087	162	490448	44.340	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	553086	44.020	ng	100
31) Naphthalene	8.251	128	1637872	44.176	ng	100
32) Benzoic acid	8.016	122	301190	39.799	ng	98
33) 4-Chloroaniline	8.298	127	350033	23.861	ng	99
34) Hexachlorobutadiene	8.363	225	358484	45.297	ng	98
35) Caprolactam	8.687	113	148859m	41.692	ng	
36) 4-Chloro-3-methylphenol	8.787	107	534941	45.284	ng	98
37) 2-Methylnaphthalene	8.945	142	1101744	44.963	ng	99
38) 1-Methylnaphthalene	9.045	142	1039445	43.643	ng	99
40) 1,2,4,5-Tetrachloroben...	9.110	216	513828	43.750	ng	98
41) Hexachlorocyclopentadiene	9.092	237	719828	113.125	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	352239	45.580	ng	98

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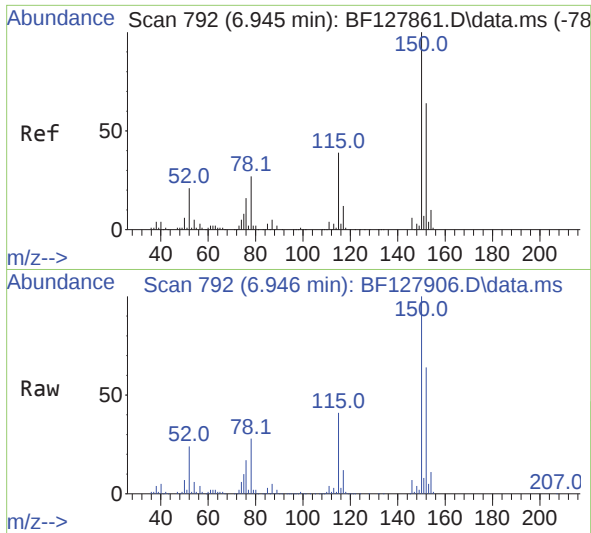
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	361944	43.084	ng	99
46) 1,1'-Biphenyl	9.410	154	1322732	44.815	ng	99
47) 2-Chloronaphthalene	9.434	162	975548	43.417	ng	98
48) 2-Nitroaniline	9.534	65	353240	46.476	ng	94
49) Acenaphthylene	9.857	152	1557016	45.301	ng	100
50) Dimethylphthalate	9.716	163	1166758	43.662	ng	99
51) 2,6-Dinitrotoluene	9.775	165	266905	46.131	ng	94
52) Acenaphthene	10.028	154	1107424m	47.925	ng	
53) 3-Nitroaniline	9.945	138	170552	26.546	ng	98
54) 2,4-Dinitrophenol	10.057	184	279764	91.815	ng	# 85
55) Dibenzofuran	10.198	168	1375160	41.248	ng	98
56) 4-Nitrophenol	10.116	139	376727	76.789	ng	95
57) 2,4-Dinitrotoluene	10.186	165	347237	45.308	ng	93
58) Fluorene	10.545	166	1036572	41.668	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	300193	42.494	ng	100
60) Diethylphthalate	10.410	149	1114103	42.516	ng	100
61) 4-Chlorophenyl-phenyle...	10.534	204	517170	41.835	ng	98
62) 4-Nitroaniline	10.569	138	260673	41.500	ng	98
63) Azobenzene	10.692	77	1206044	41.827	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	181686	45.543	ng	95
66) n-Nitrosodiphenylamine	10.651	169	922827	44.174	ng	99
67) 4-Bromophenyl-phenylether	11.022	248	331372	44.523	ng	99
68) Hexachlorobenzene	11.092	284	360529	45.977	ng	# 90
69) Atrazine	11.181	200	330605	51.179	ng	98
70) Pentachlorophenol	11.286	266	386052	83.684	ng	98
71) Phenanthrene	11.510	178	1499976	42.681	ng	100
72) Anthracene	11.563	178	1518672	43.380	ng	99
73) Carbazole	11.716	167	1338521	39.671	ng	99
74) Di-n-butylphthalate	12.033	149	1649084	43.465	ng	99
75) Fluoranthene	12.704	202	1521533	41.136	ng	97
77) Benzidine	12.822	184	707427	92.080	ng	98
78) Pyrene	12.933	202	1536569	46.880	ng	100
80) Butylbenzylphthalate	13.539	149	643933	50.123	ng	99
81) Benzo(a)anthracene	14.121	228	1228231	45.384	ng	98
82) 3,3'-Dichlorobenzidine	14.080	252	253949	29.553	ng	100
83) Chrysene	14.163	228	1127039	43.605	ng	100
84) Bis(2-ethylhexyl)phtha...	14.092	149	883394	51.852	ng	99
85) Di-n-octyl phthalate	14.716	149	1357359	51.411	ng	100
87) Indeno(1,2,3-cd)pyrene	17.204	276	1044066	45.358	ng	99
88) Benzo(b)fluoranthene	15.198	252	1016561	46.933	ng	99
89) Benzo(k)fluoranthene	15.227	252	1007396	46.164	ng	97
90) Benzo(a)pyrene	15.586	252	968090	53.882	ng	99
91) Dibenzo(a,h)anthracene	17.227	278	894783	48.470	ng	98
92) Benzo(g,h,i)perylene	17.680	276	910148	46.783	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF127906.D
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BNA_F

ClientSampleId :

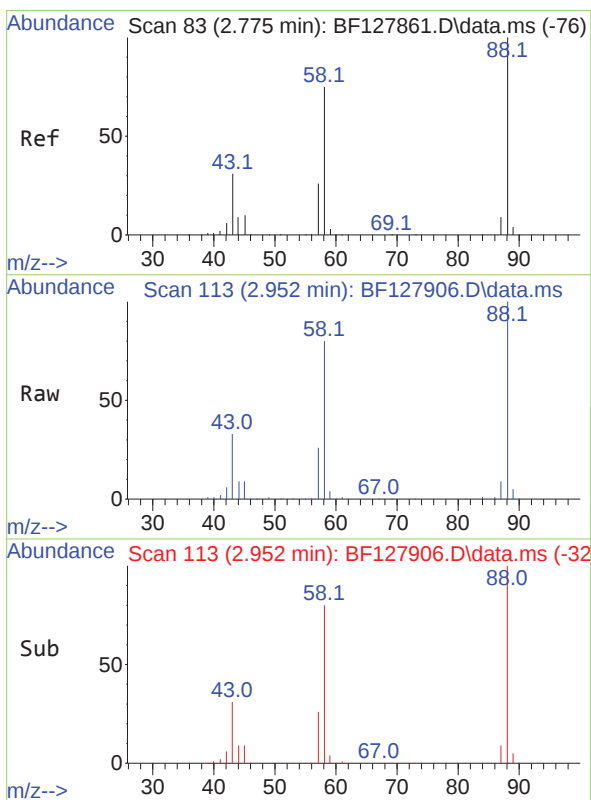
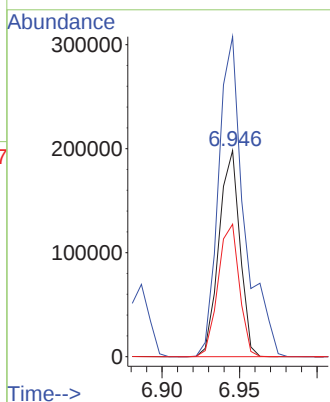
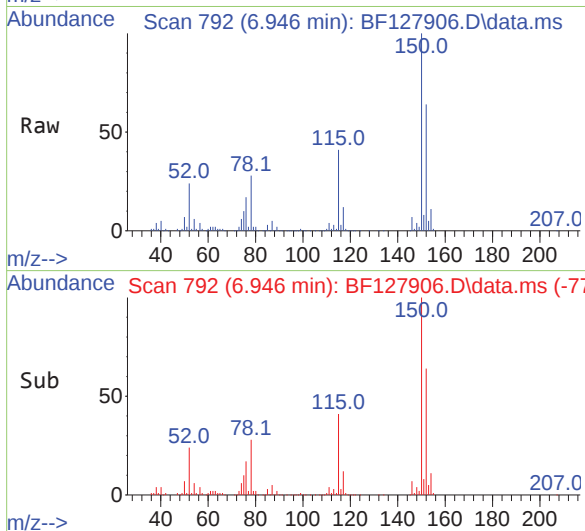
PB144358BS

Tgt Ion:152 Resp: 186544
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 64.3 48.8 73.2

Manual Integrations

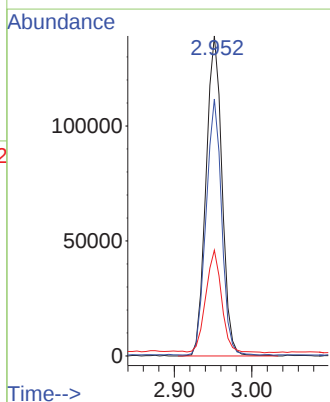
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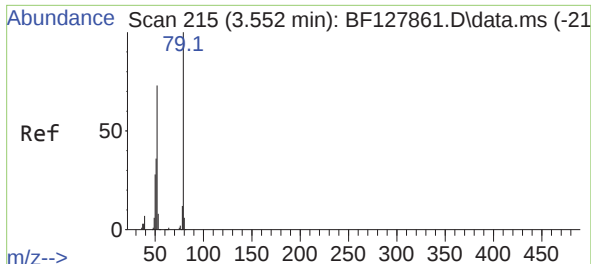
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#2
1,4-Dioxane
Concen: 35.781 ng
RT: 2.952 min Scan# 113
Delta R.T. 0.177 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

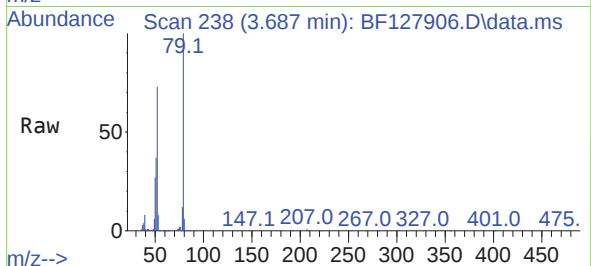
Tgt Ion: 88 Resp: 199942
Ion Ratio Lower Upper
88 100
58 77.7 61.0 91.4
43 31.8 24.9 37.3





#3
Pyridine
Concen: 38.660 ng
RT: 3.687 min Scan# 215
Delta R.T. 0.135 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

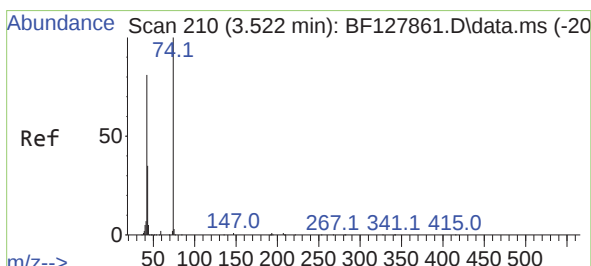
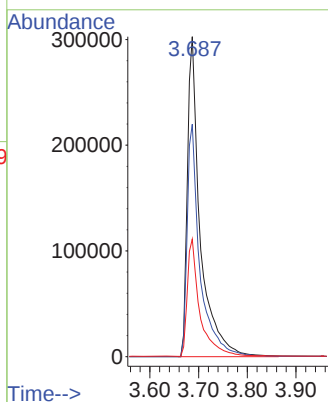
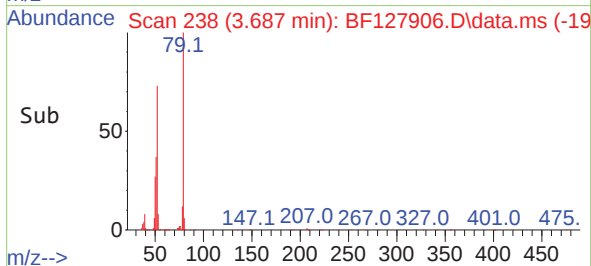
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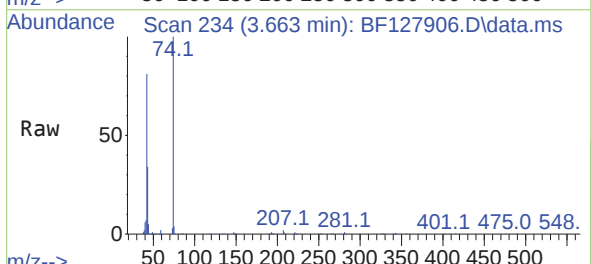
Tgt Ion: 79 Resp: 55352
Ion Ratio Lower Upper
79 100
52 72.7 58.3 87.5
51 36.8 28.6 42.8

Manual Integrations
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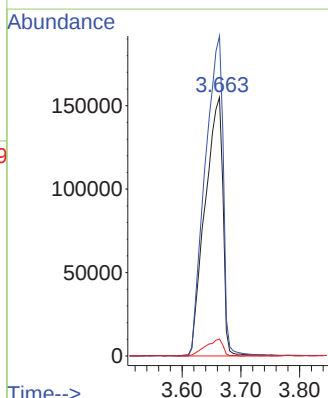
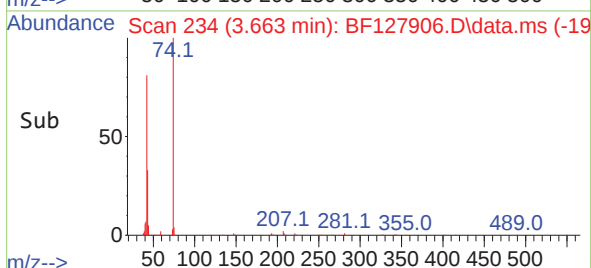
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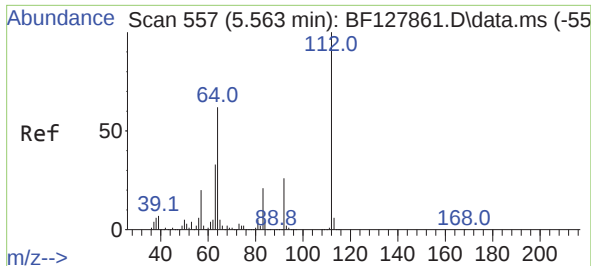


#4
n-Nitrosodimethylamine
Concen: 47.296 ng
RT: 3.663 min Scan# 234
Delta R.T. 0.141 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion: 42 Resp: 327786
Ion Ratio Lower Upper
42 100
74 123.7 99.0 148.4
44 6.6 5.2 7.8





#5
2-Fluorophenol
Concen: 86.808 ng
RT: 5.587 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

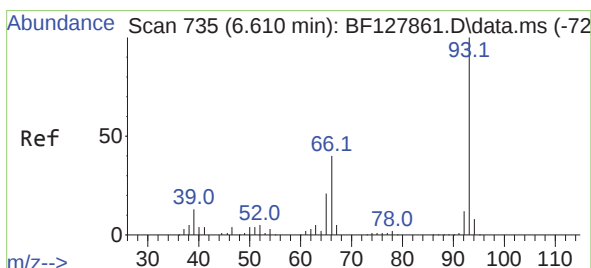
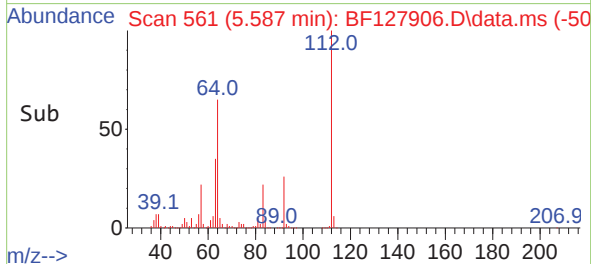
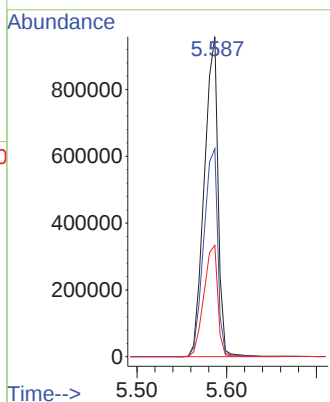
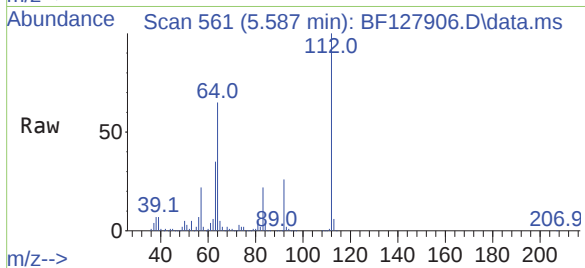
PB144358BS

Tgt Ion:112 Resp: 1016680
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 34.8 26.3 39.5

Manual Integrations

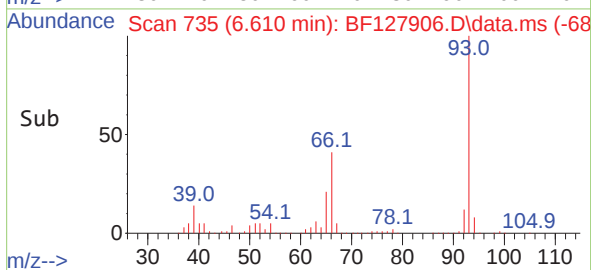
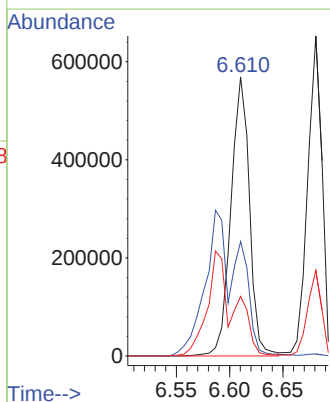
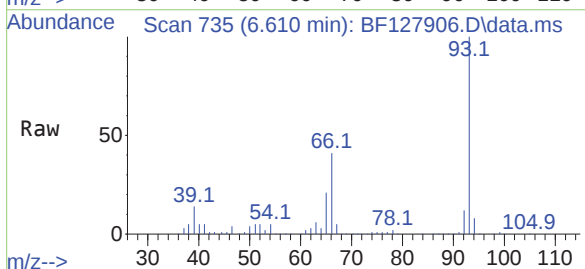
APPROVED

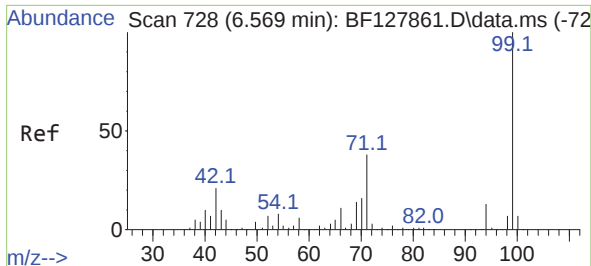
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#6
Aniline
Concen: 38.170 ng
RT: 6.610 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

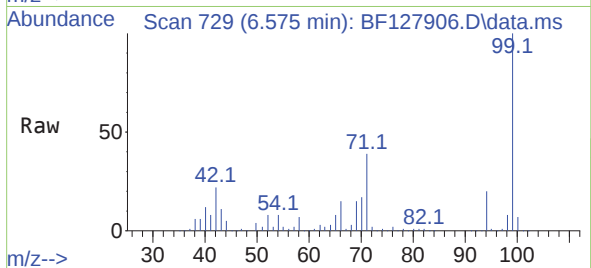
Tgt Ion: 93 Resp: 689185
Ion Ratio Lower Upper
93 100
66 41.0 32.2 48.4
65 21.4 16.7 25.1





#7
Phenol-d6
Concen: 87.220 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

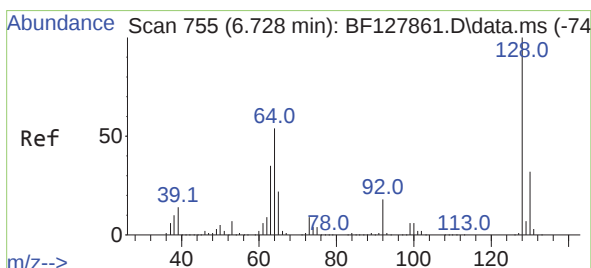
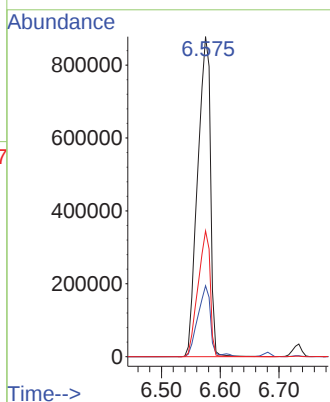
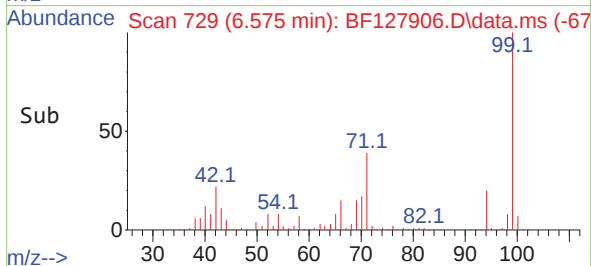
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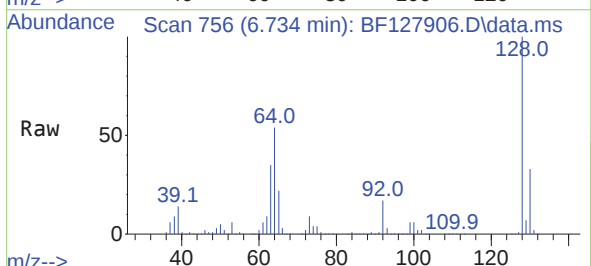
Tgt Ion: 99 Resp: 132546
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 39.3 30.0 45.0

Manual Integrations
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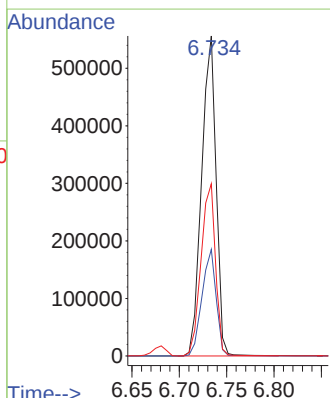
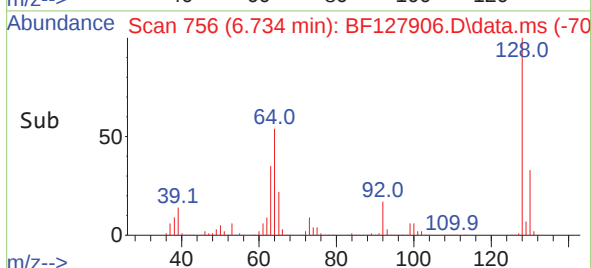
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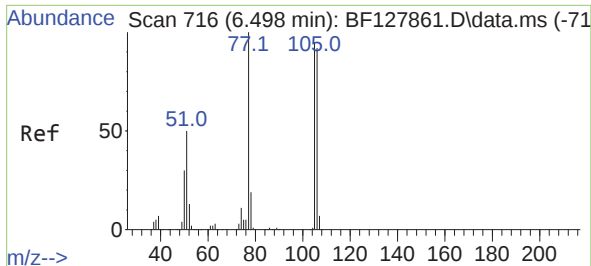


#8
2-Chlorophenol
Concen: 48.533 ng
RT: 6.734 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



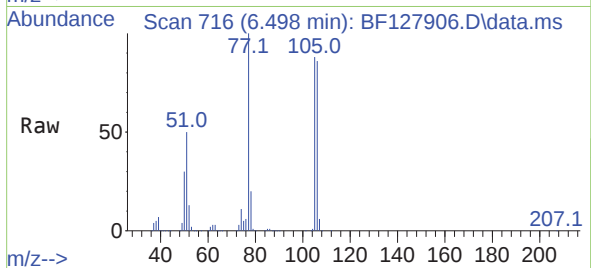
Tgt Ion:128 Resp: 589953
Ion Ratio Lower Upper
128 100
130 33.3 11.6 51.6
64 53.8 33.8 73.8





#9
Benzaldehyde
Concen: 42.675 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

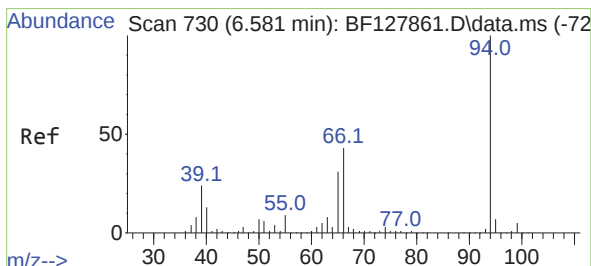
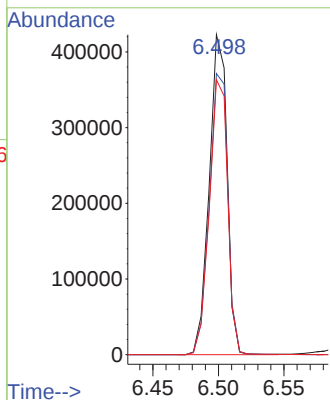
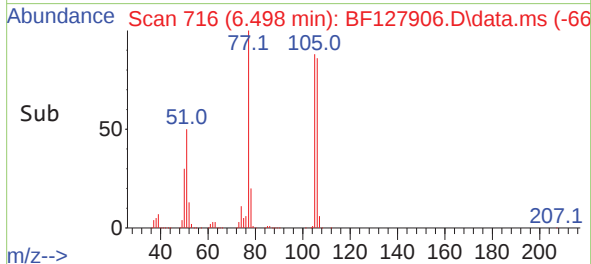
Instrument :
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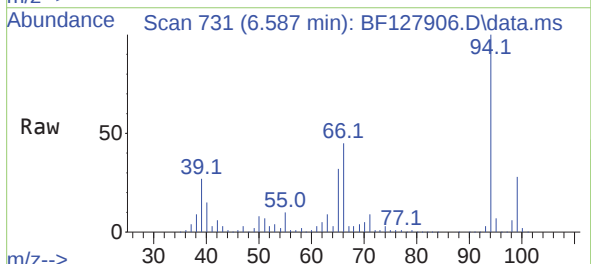
Tgt Ion: 77 Resp: 401200
Ion Ratio Lower Upper
77 100
105 87.8 74.9 114.9
106 85.9 72.2 112.2

Manual Integrations
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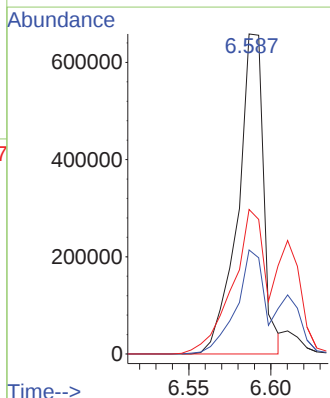
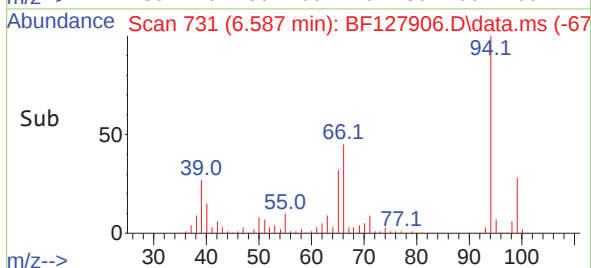
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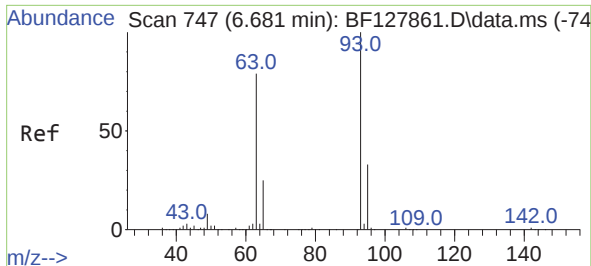


#10
Phenol
Concen: 46.805 ng m
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



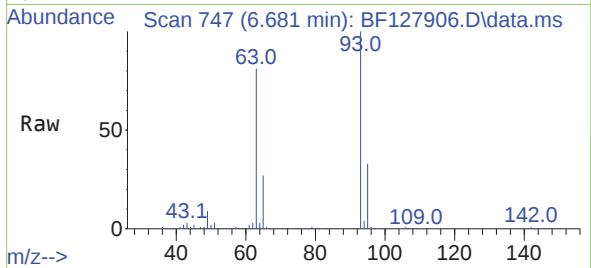
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Ion Ratio Lower Upper
94 100
65 32.5 10.6 50.6
66 45.1 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 47.835 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

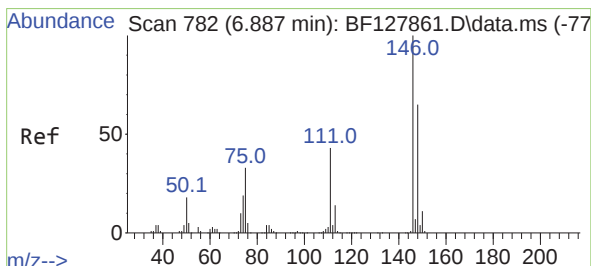
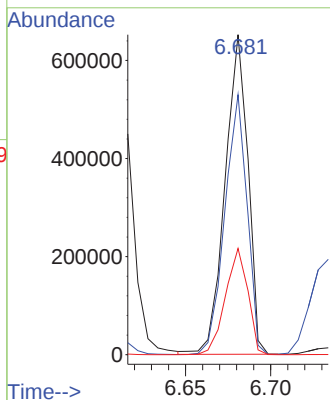
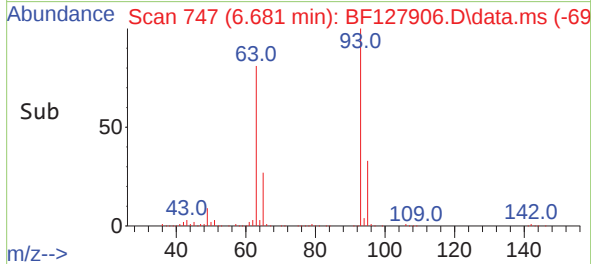
Instrument :
BNA_F
ClientSampleId :
PB144358BS



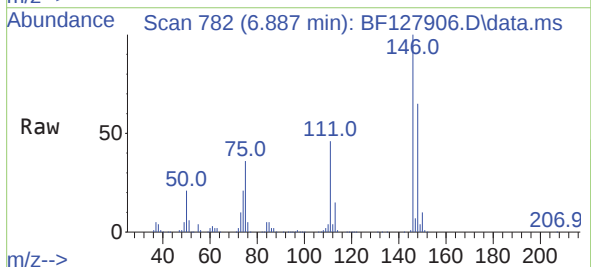
Tgt Ion: 93 Resp: 608194
Ion Ratio Lower Upper
93 100
63 81.3 58.6 98.6
95 33.2 12.9 52.9

Manual Integrations
APPROVED

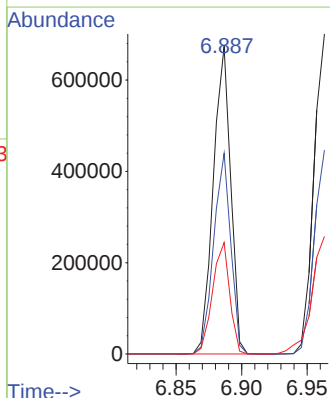
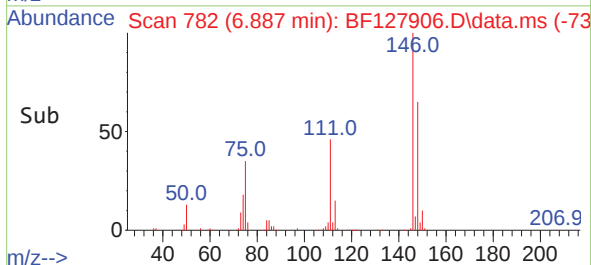
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

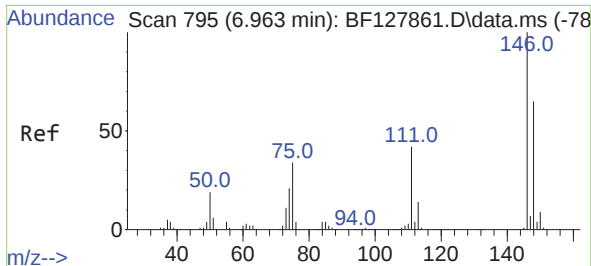


#12
1,3-Dichlorobenzene
Concen: 44.415 ng
RT: 6.887 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



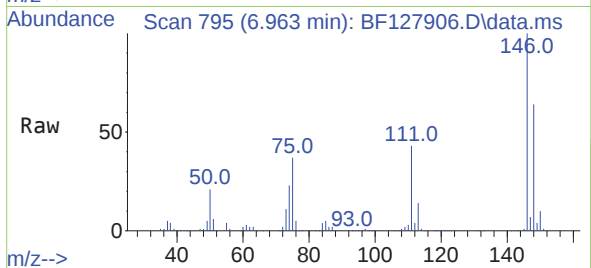
Tgt Ion:146 Resp: 621468
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 36.2 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 44.824 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

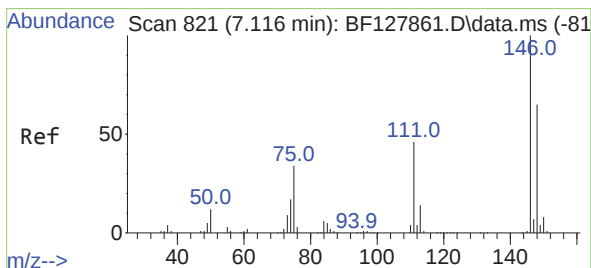
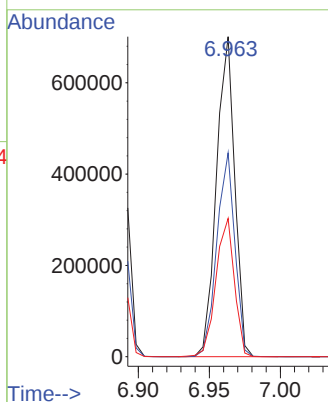
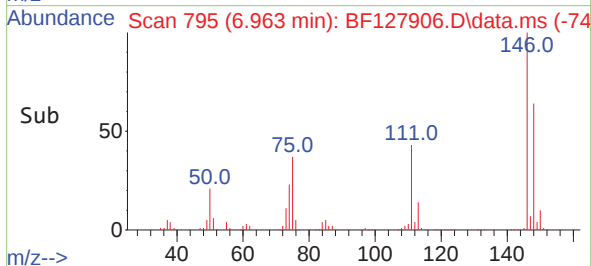
Instrument :
BNA_F
ClientSampleId :
PB144358BS



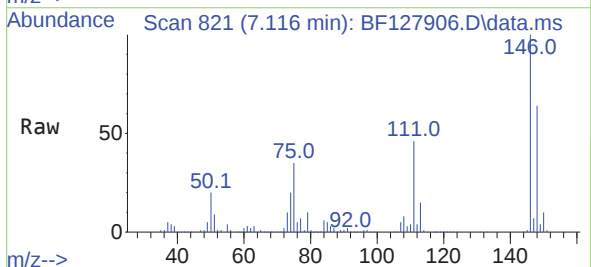
Tgt Ion:146 Resp: 626030
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
111 43.2 33.9 50.9

Manual Integrations
APPROVED

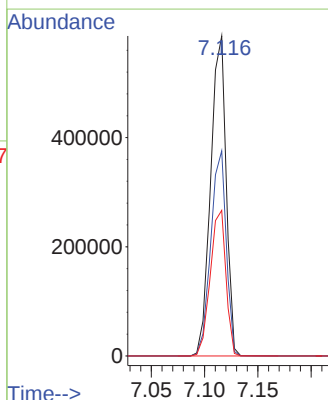
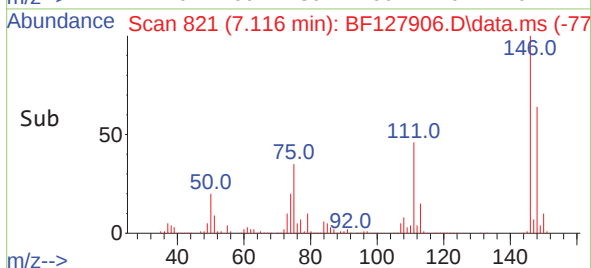
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

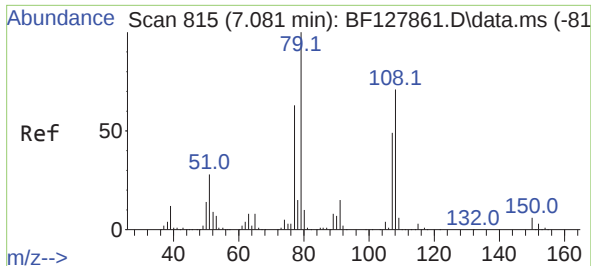


#14
1,2-Dichlorobenzene
Concen: 45.722 ng
RT: 7.116 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



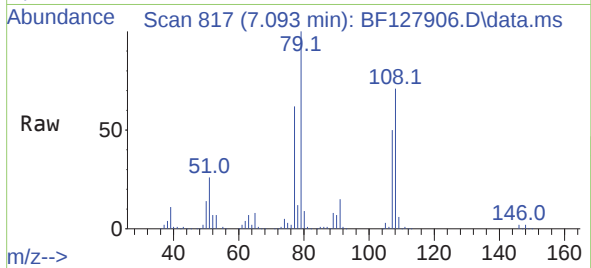
Tgt Ion:146 Resp: 591154
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 45.5 36.6 55.0





#15
Benzyl Alcohol
Concen: 48.698 ng
RT: 7.093 min Scan# 815
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

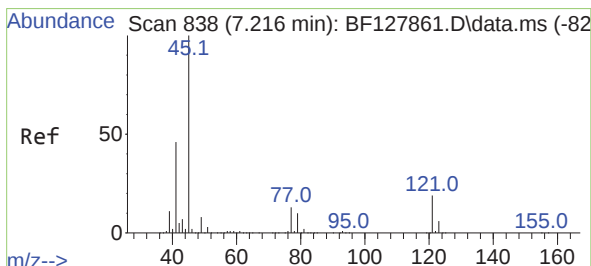
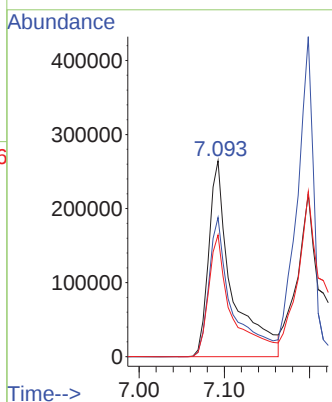
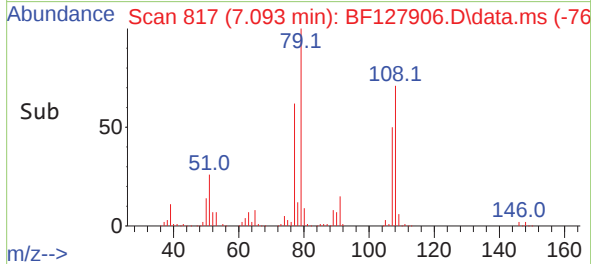
Instrument :
BNA_F
ClientSampleId :
PB144358BS



Tgt Ion: 79 Resp: 503268
Ion Ratio Lower Upper
79 100
108 71.1 57.0 85.6
77 62.2 50.2 75.4

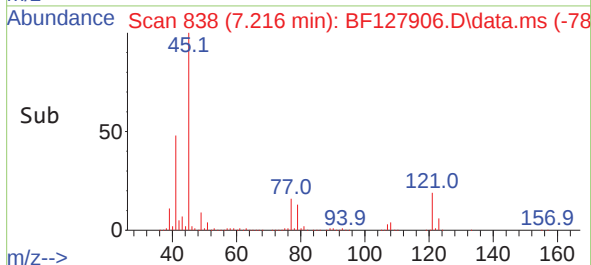
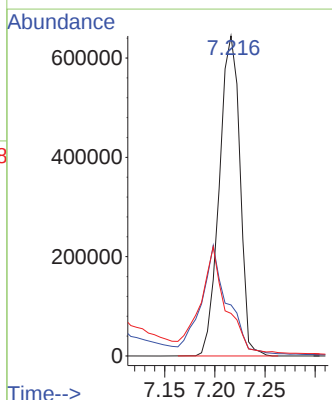
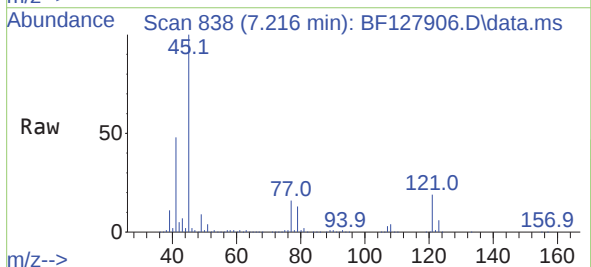
Manual Integrations
APPROVED

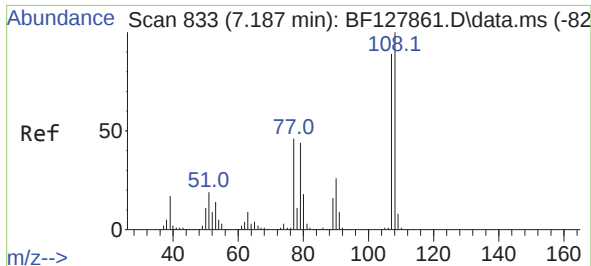
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.331 ng
RT: 7.216 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion: 45 Resp: 919762
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.9
79 13.3 0.0 31.6





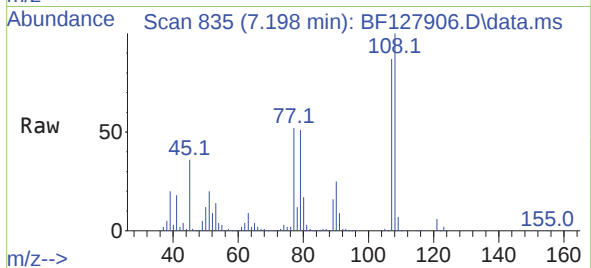
#17
2-Methylphenol
Concen: 50.267 ng
RT: 7.198 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

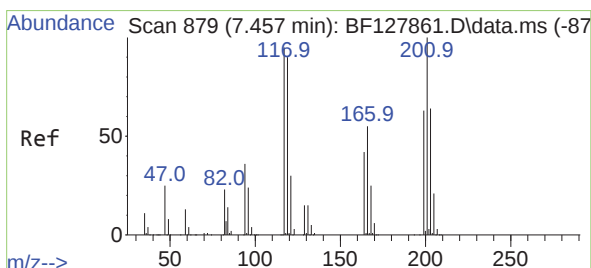
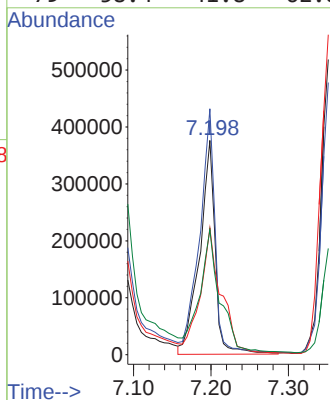
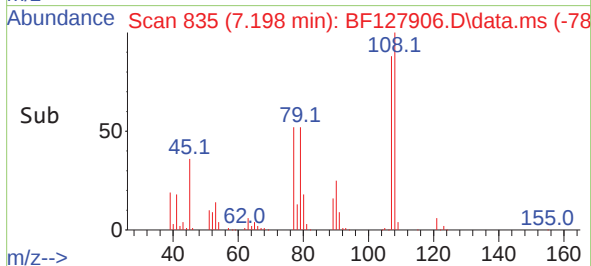


Tgt Ion:107 Resp: 527204
Ion Ratio Lower Upper
107 100
108 114.8 90.2 135.2
77 59.2 41.9 62.9
79 58.4 41.8 62.8

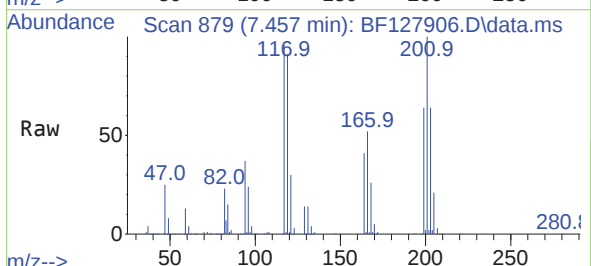
Manual Integrations

APPROVED

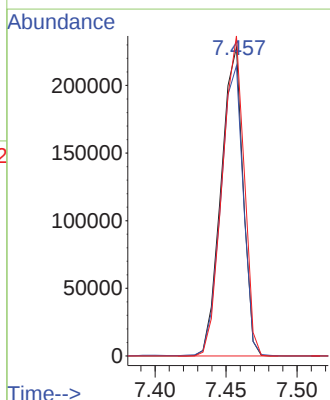
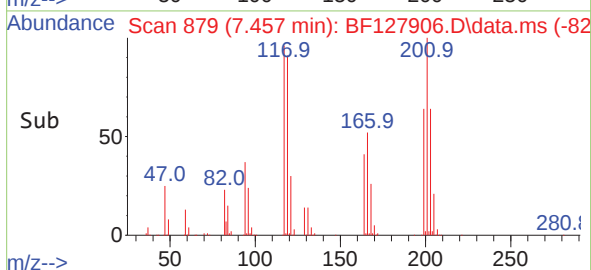
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

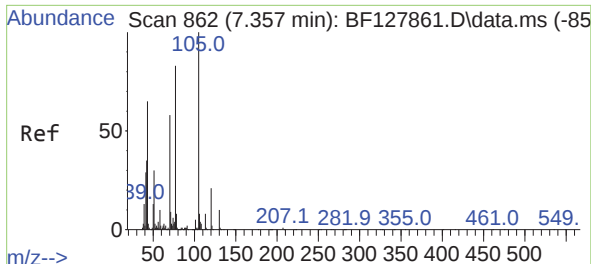


#18
Hexachloroethane
Concen: 47.697 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion:117 Resp: 244903
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.4
201 103.7 84.4 126.6





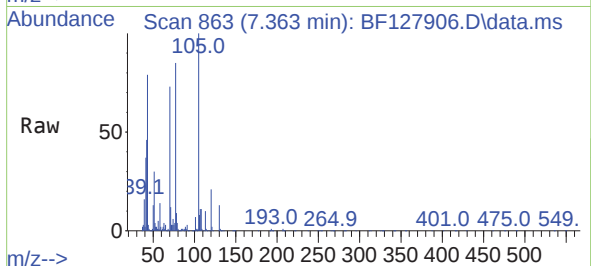
#19
n-Nitroso-di-n-propylamine
Concen: 47.625 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

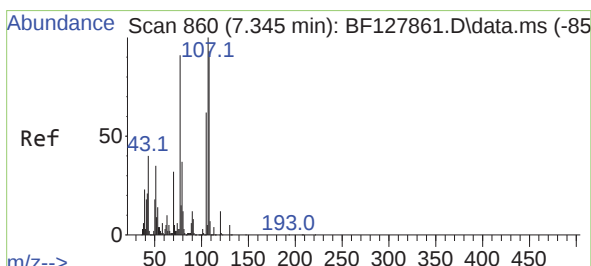
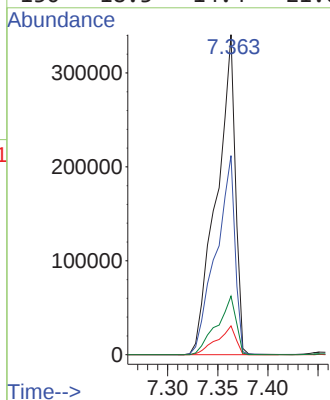
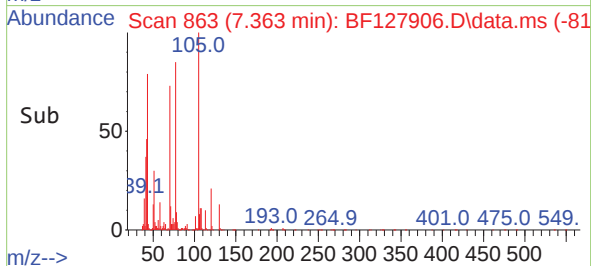


Tgt Ion: 70 Resp: 443040
Ion Ratio Lower Upper
70 100
42 62.2 48.7 73.1
101 9.0 7.2 10.8
130 18.3 14.4 21.6

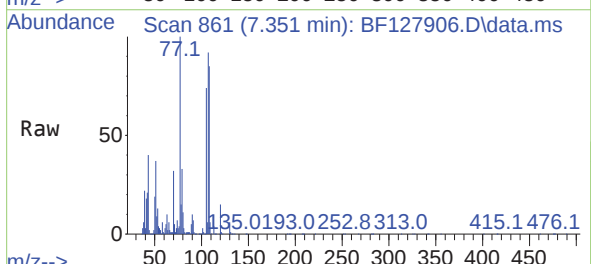
Manual Integrations

APPROVED

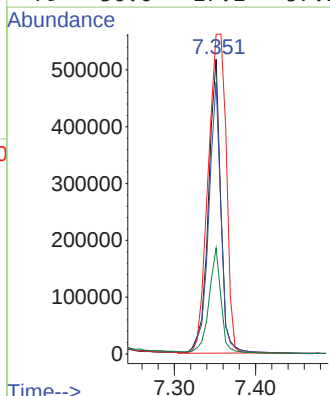
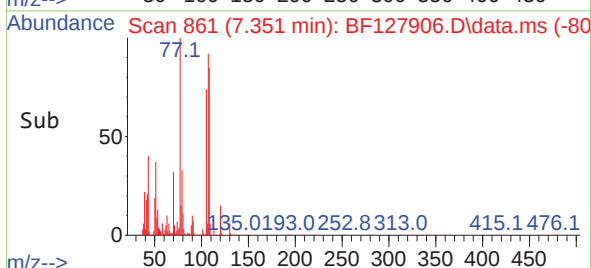
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

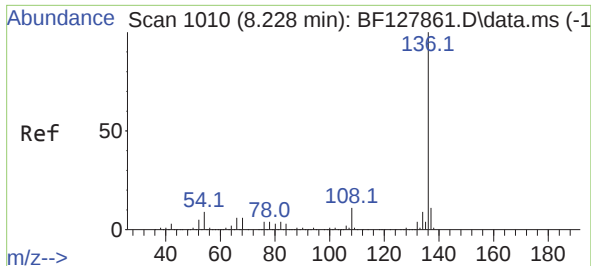


#20
3+4-Methylphenols
Concen: 43.180 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion:107 Resp: 547082
Ion Ratio Lower Upper
107 100
108 92.2 73.4 113.4
77 108.4 71.1 111.1
79 36.0 17.1 57.1





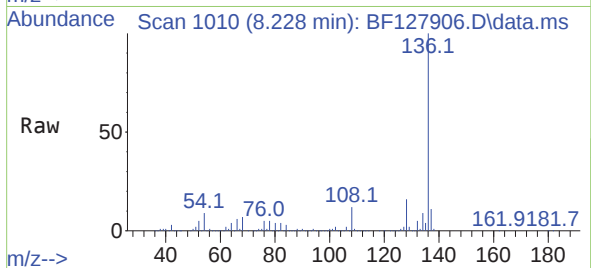
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

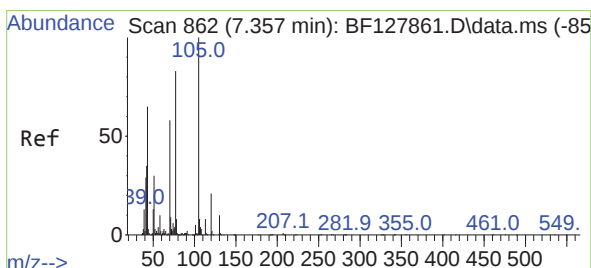
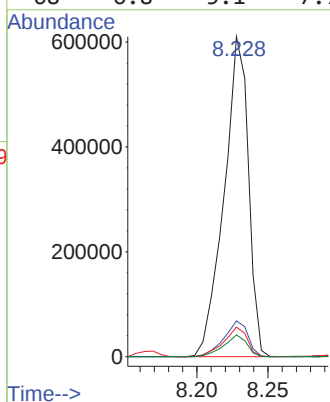
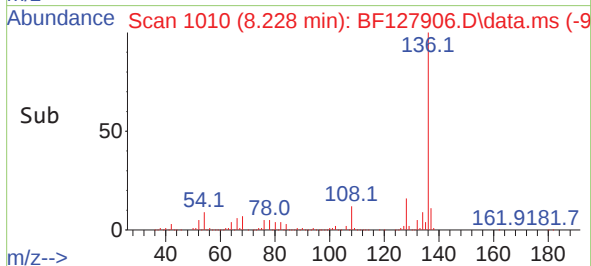


Tgt Ion:	136	Resp:	72795
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	9.3	6.8	10.2
68	6.8	5.1	7.7

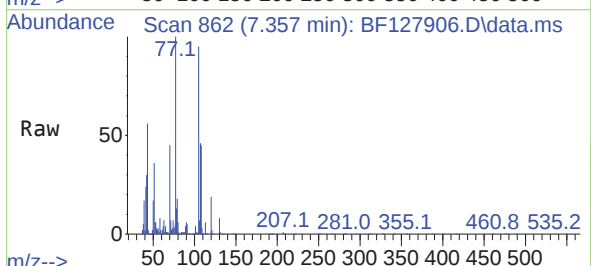
Manual Integrations

APPROVED

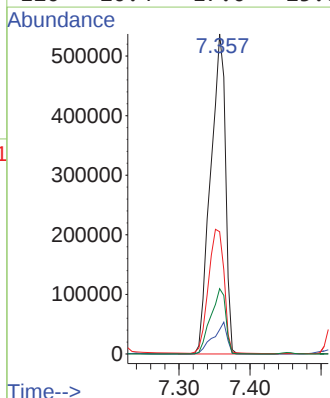
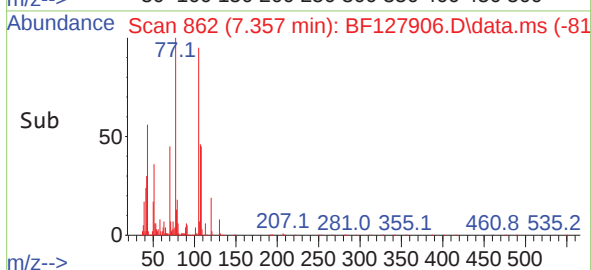
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

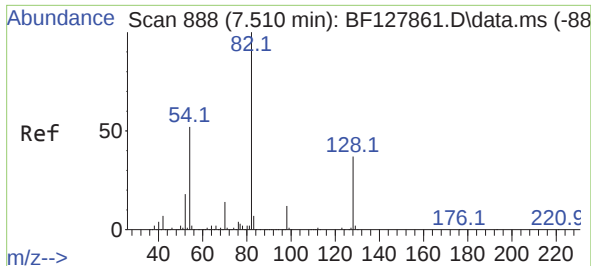


#22
Acetophenone
Concen: 44.090 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion:	105	Resp:	782279
Ion Ratio	Lower	Upper	
105	100		
71	7.6	7.3	10.9
51	38.2	23.7	35.5
120	20.4	17.0	25.6





#23
Nitrobenzene-d5
Concen: 88.449 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

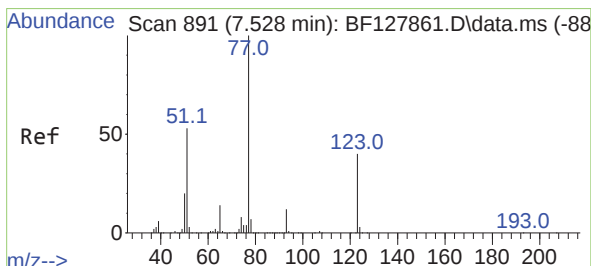
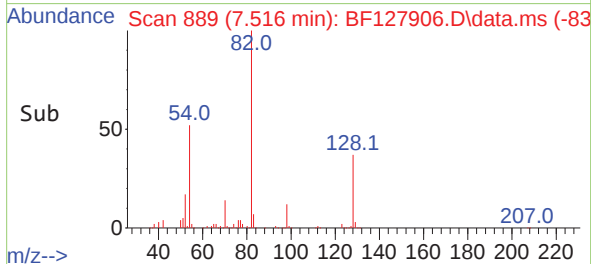
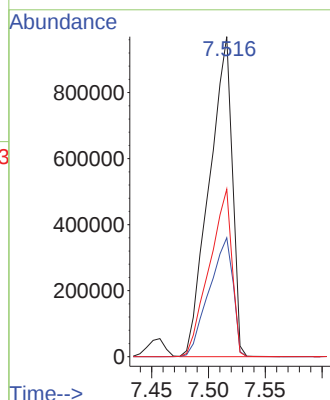
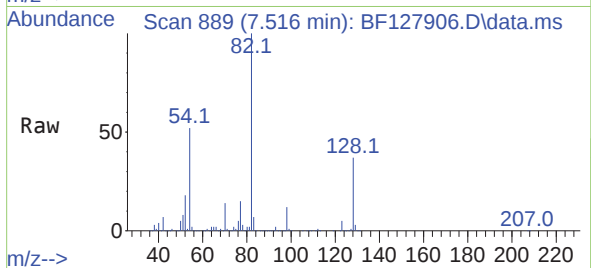
PB144358BS

Tgt Ion: 82 Resp: 1369229
Ion Ratio Lower Upper
82 100
128 37.1 30.0 45.0
54 52.4 41.3 61.9

Manual Integrations

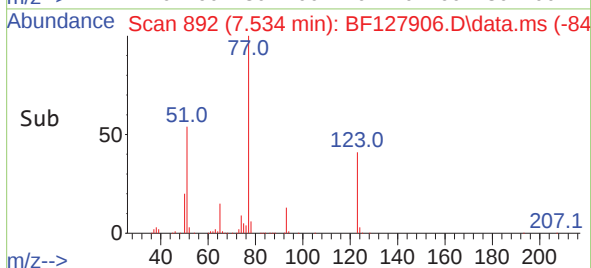
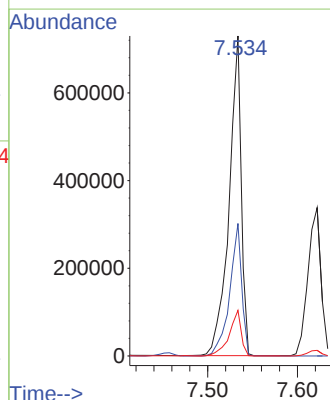
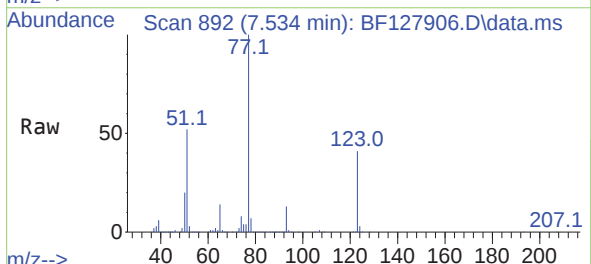
APPROVED

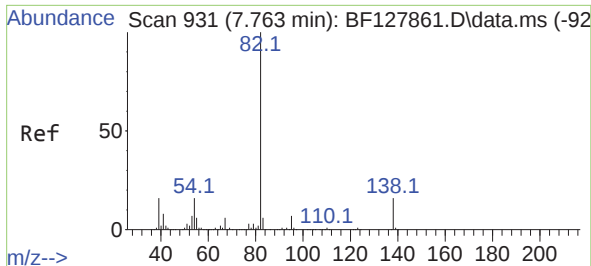
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#24
Nitrobenzene
Concen: 46.307 ng
RT: 7.534 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion: 77 Resp: 690770
Ion Ratio Lower Upper
77 100
123 41.4 32.0 48.0
65 14.2 11.0 16.6





#25
Isophorone
Concen: 50.014 ng
RT: 7.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

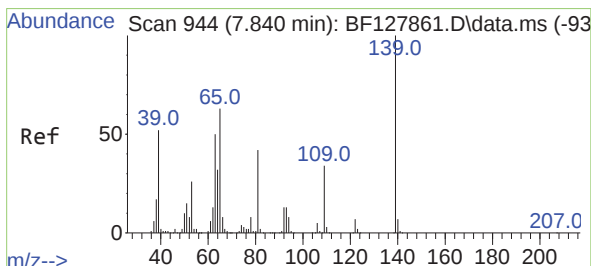
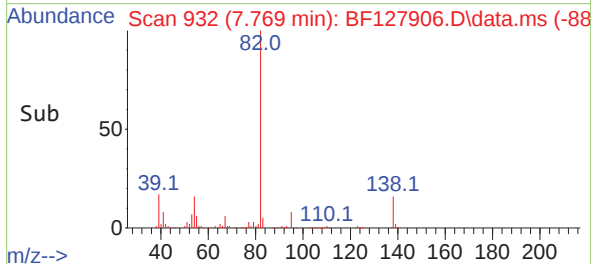
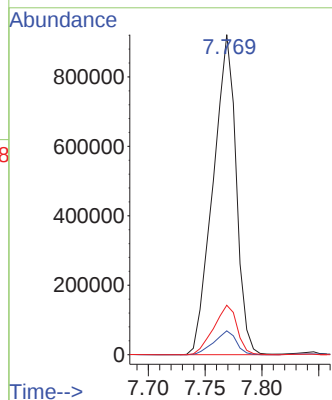
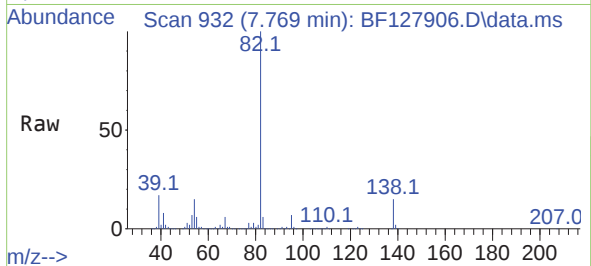
PB144358BS

Tgt Ion: 82 Resp: 130310
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 15.5 12.5 18.7

Manual Integrations

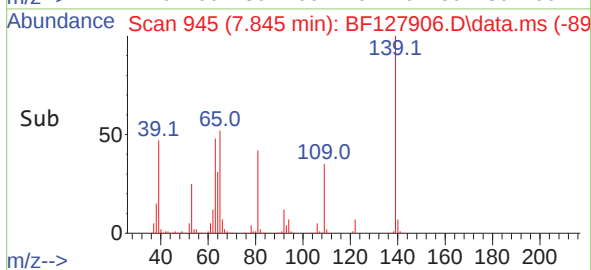
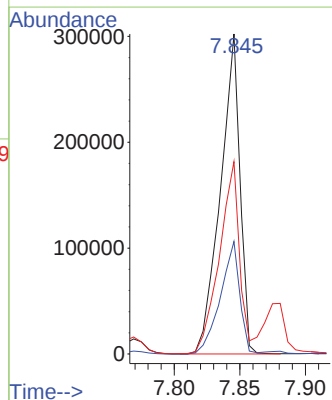
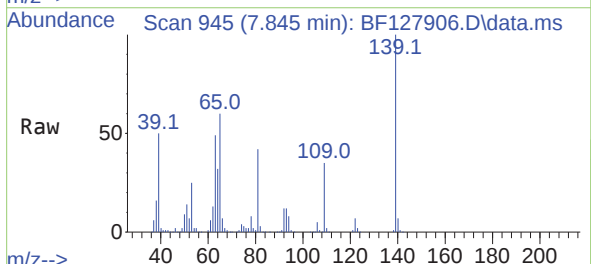
APPROVED

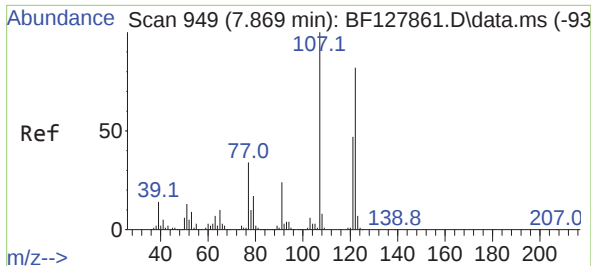
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#26
2-Nitrophenol
Concen: 49.312 ng
RT: 7.845 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:139 Resp: 313458
Ion Ratio Lower Upper
139 100
109 35.2 27.4 41.2
65 60.1 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 52.496 ng

RT: 7.881 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF127906.D

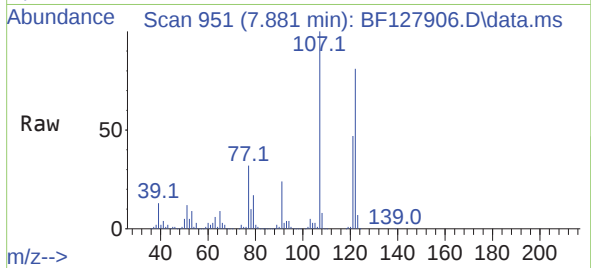
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS



Tgt Ion:122 Resp: 554264

Ion Ratio Lower Upper

122 100

107 122.7 97.5 146.3

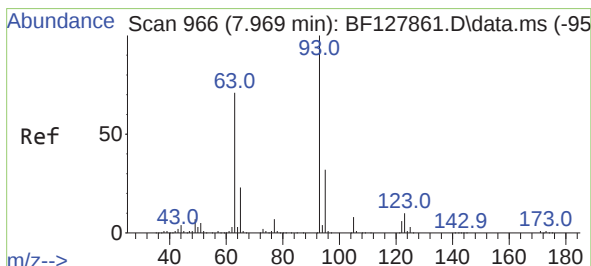
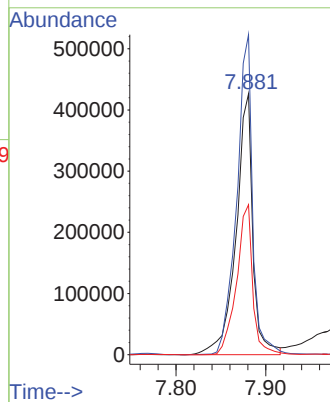
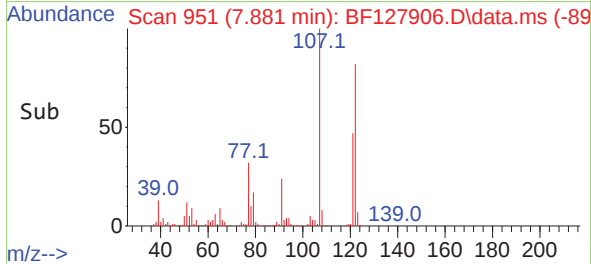
121 57.5 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.925 ng

RT: 7.975 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

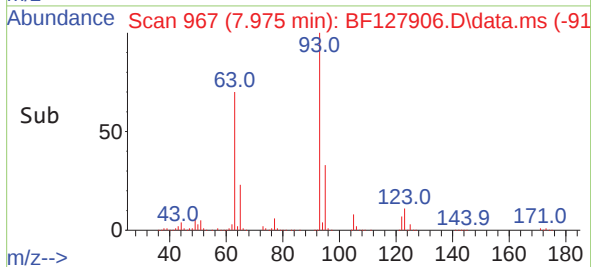
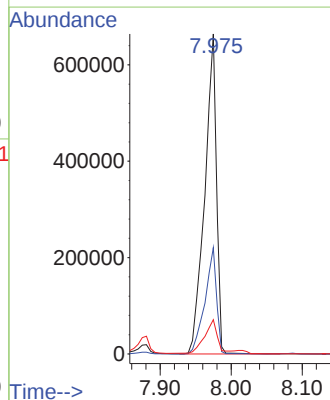
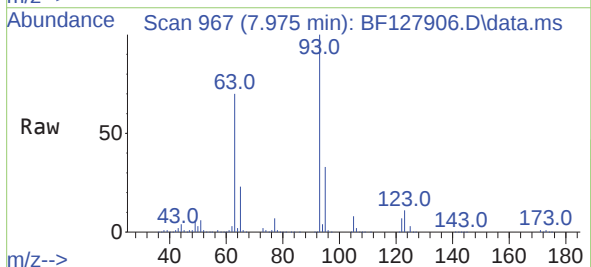
Tgt Ion: 93 Resp: 766845

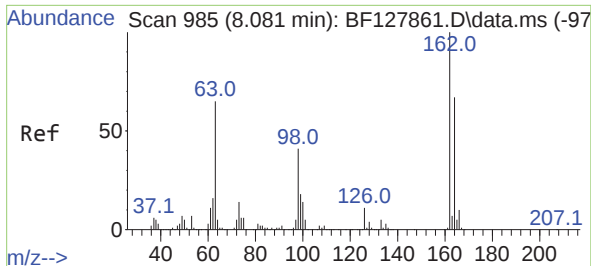
Ion Ratio Lower Upper

93 100

95 33.2 25.7 38.5

123 10.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 44.340 ng

RT: 8.087 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

Tgt Ion:162 Resp: 49044

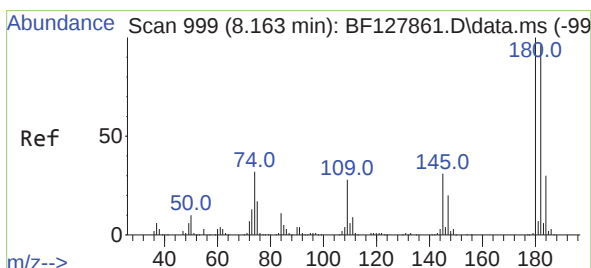
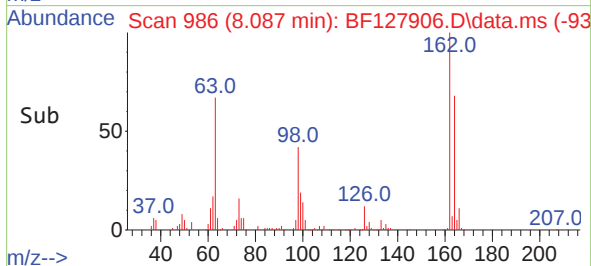
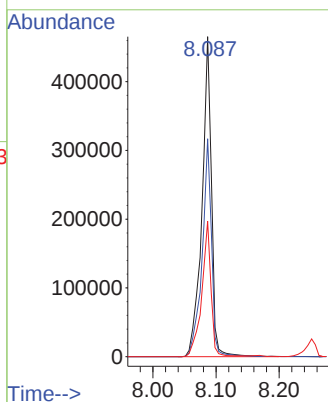
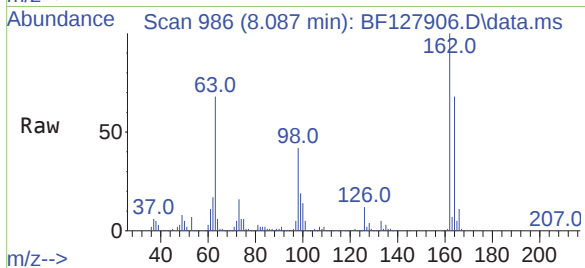
Ion	Ratio	Lower	Upper
162	100		
164	68.1	47.1	87.1
98	42.4	20.7	60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.020 ng

RT: 8.169 min Scan# 1000

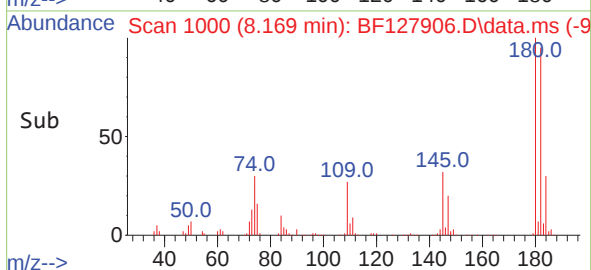
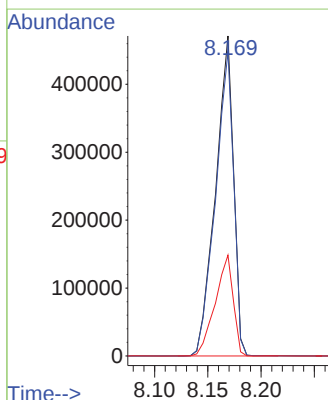
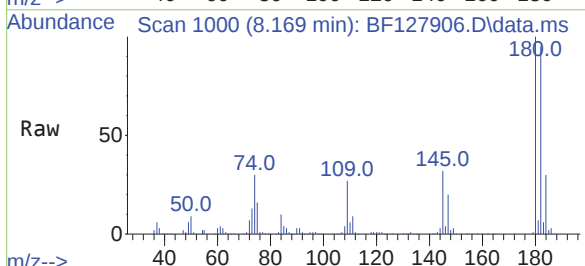
Delta R.T. 0.006 min

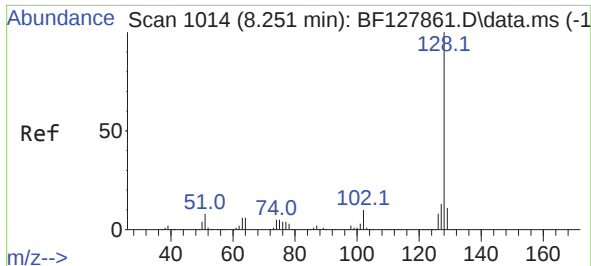
Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

Tgt Ion:180 Resp: 553086

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	31.5	25.1	37.7





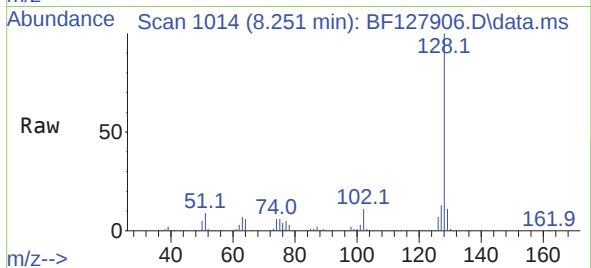
#31
Naphthalene
Concen: 44.176 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

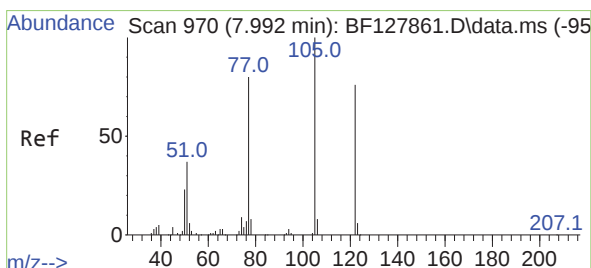
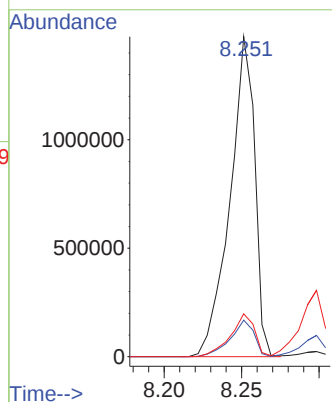
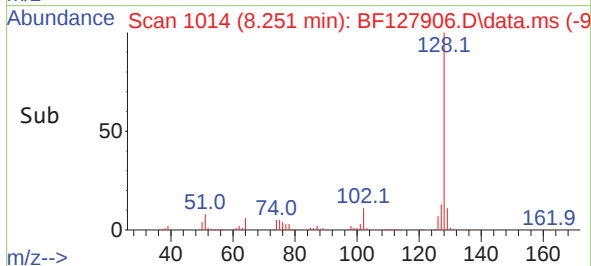


Tgt Ion:128 Resp: 1637872
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.4 10.6 16.0

Manual Integrations

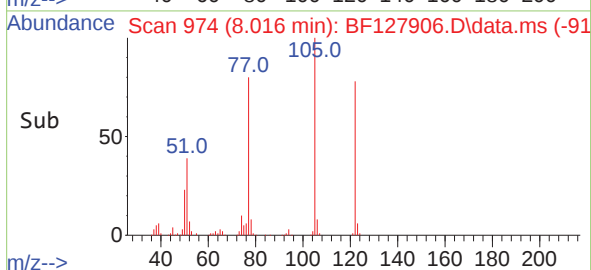
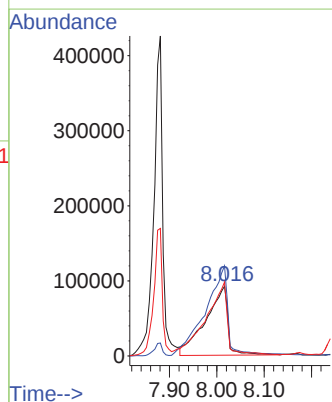
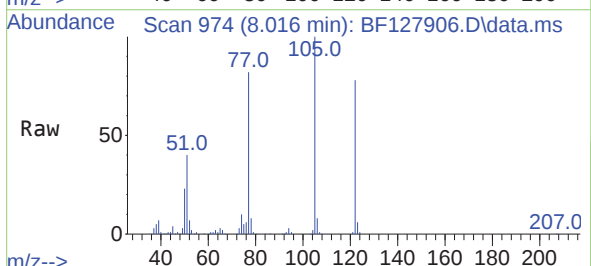
APPROVED

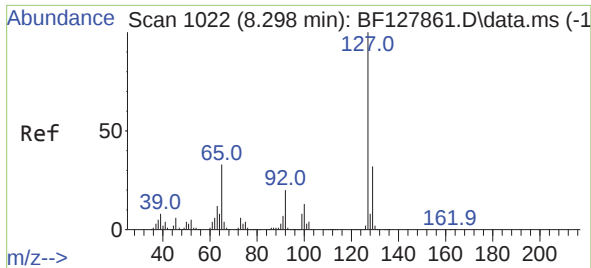
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#32
Benzoic acid
Concen: 39.799 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.024 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:122 Resp: 301190
Ion Ratio Lower Upper
122 100
105 129.0 107.9 147.9
77 105.9 82.5 122.5





#33
4-Chloroaniline
Concen: 23.861 ng
RT: 8.298 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

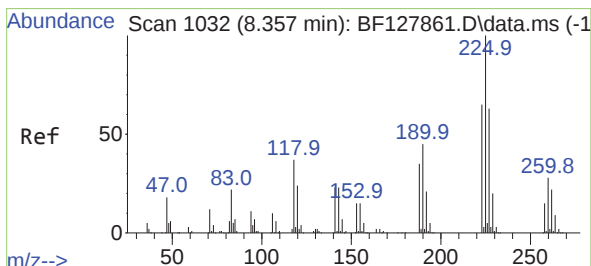
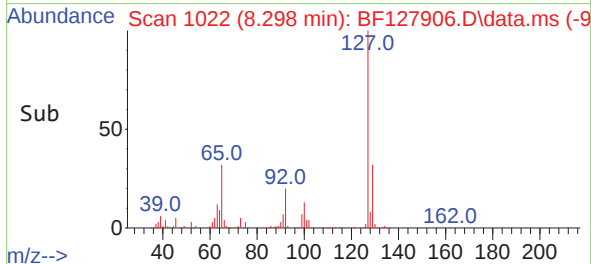
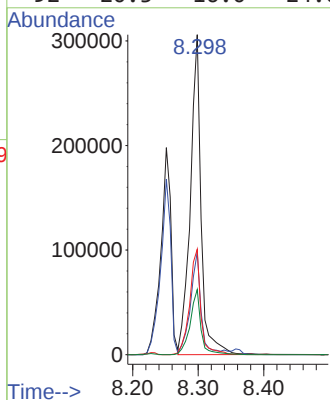
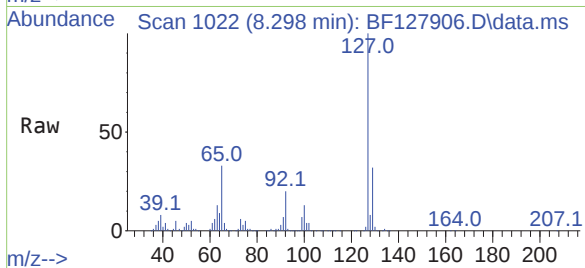
PB144358BS

Tgt Ion:127 Resp: 35003
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 32.9 26.7 40.1
92 20.3 16.0 24.0

Manual Integrations

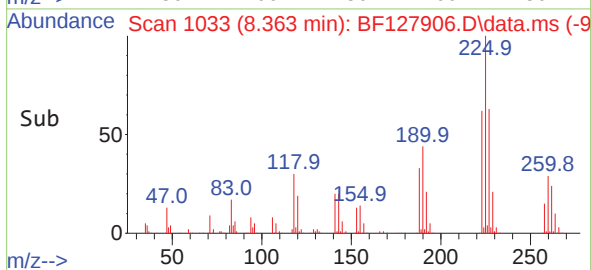
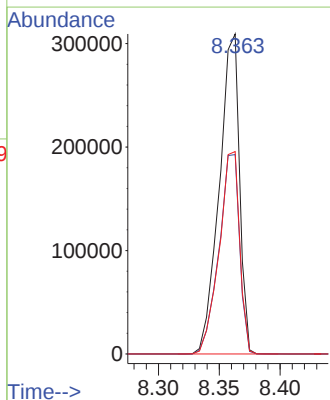
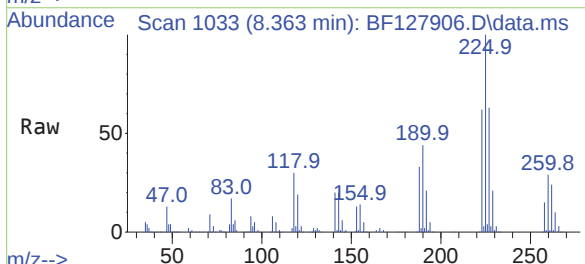
APPROVED

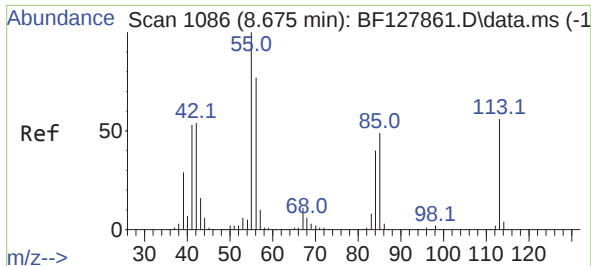
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#34
Hexachlorobutadiene
Concen: 45.297 ng
RT: 8.363 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

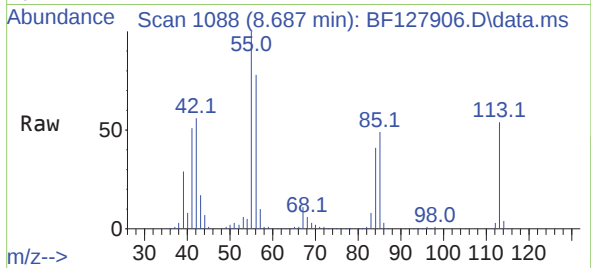
Tgt Ion:225 Resp: 358484
Ion Ratio Lower Upper
225 100
223 62.3 52.0 78.0
227 63.2 50.7 76.1





#35
 Caprolactam
 Concen: 41.692 ng m
 RT: 8.687 min Scan# 1088
 Delta R.T. 0.012 min
 Lab File: BF127906.D
 Acq: 26 Apr 2022 11:18

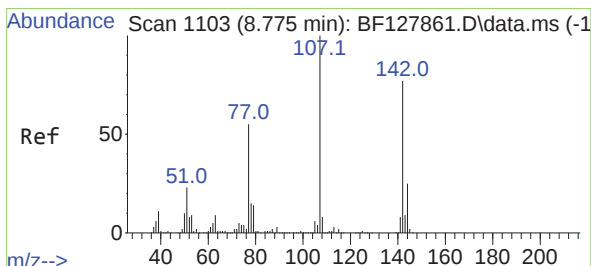
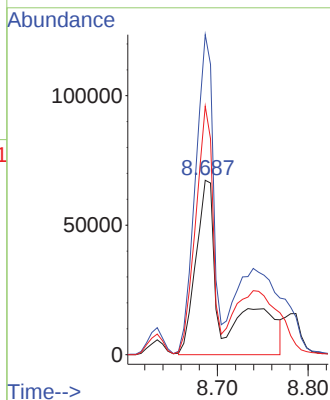
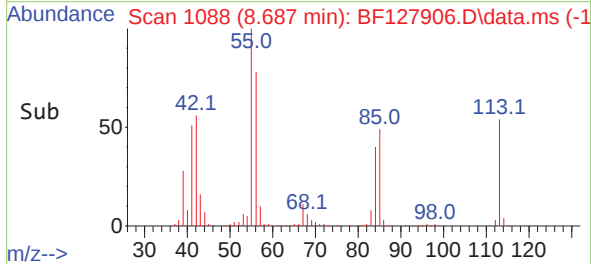
Instrument :
 BNA_F
 ClientSampleId :
 PB144358BS



Tgt Ion:113 Resp: 148859
 Ion Ratio Lower Upper
 113 100
 55 183.5 157.4 197.4
 56 142.5 116.1 156.1

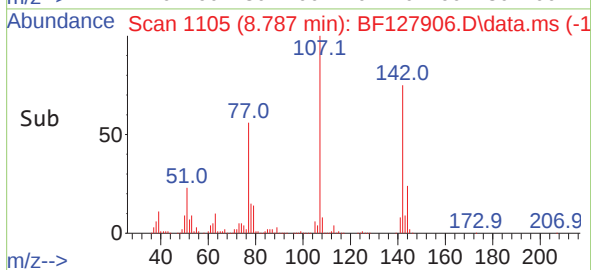
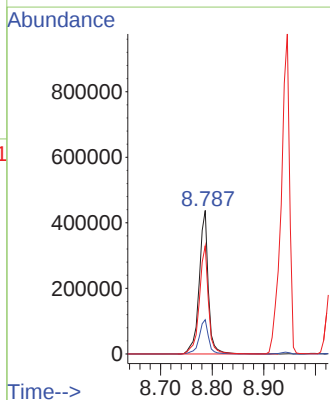
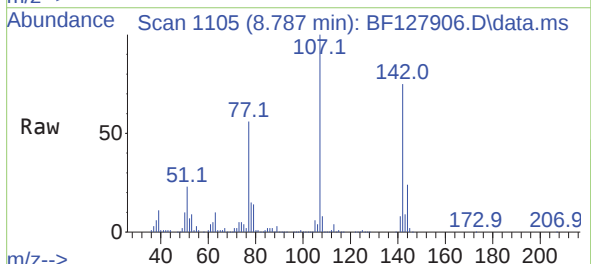
Manual Integrations
 APPROVED

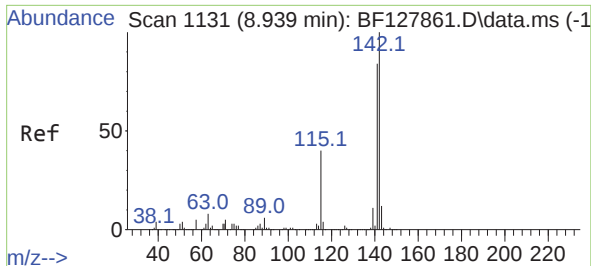
Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/27/2022



#36
 4-Chloro-3-methylphenol
 Concen: 45.284 ng
 RT: 8.787 min Scan# 1105
 Delta R.T. 0.012 min
 Lab File: BF127906.D
 Acq: 26 Apr 2022 11:18

Tgt Ion:107 Resp: 534941
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.2 30.4
 142 75.4 61.5 92.3





#37
2-Methylnaphthalene
Concen: 44.963 ng
RT: 8.945 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

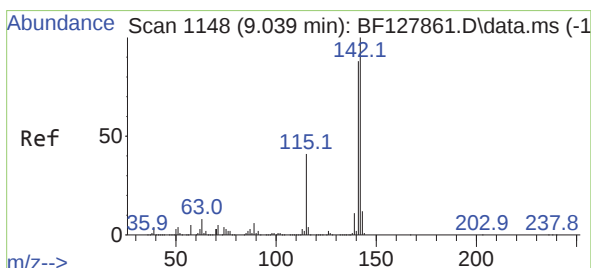
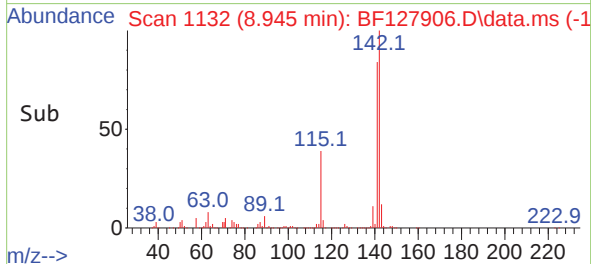
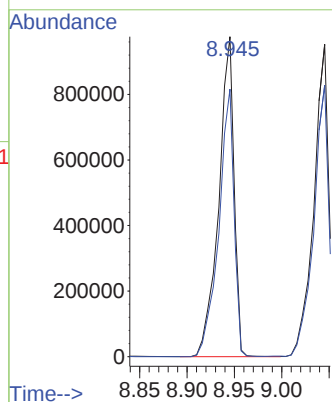
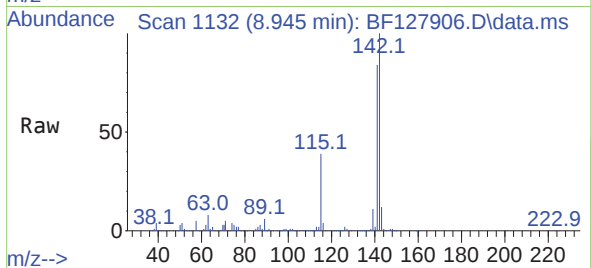
PB144358BS

Tgt Ion:142 Resp: 1101744
Ion Ratio Lower Upper
142 100
141 83.6 67.4 101.2

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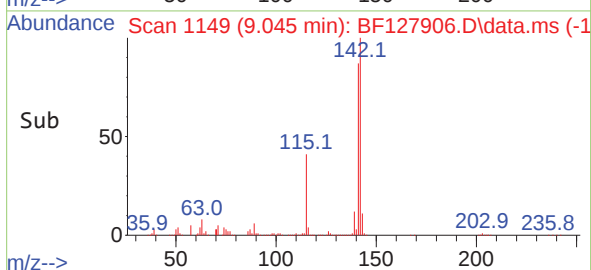
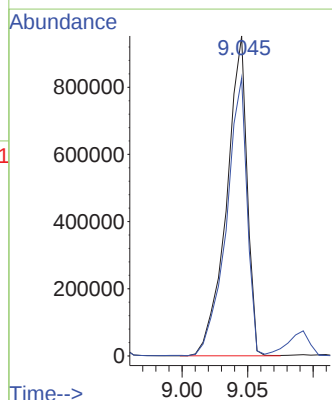
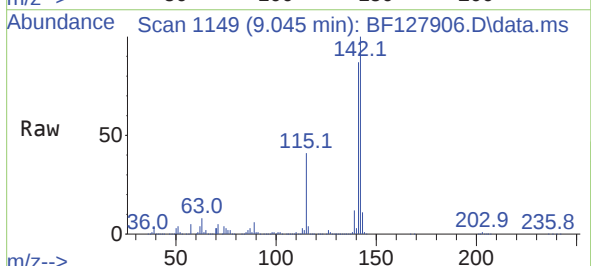
APPROVED

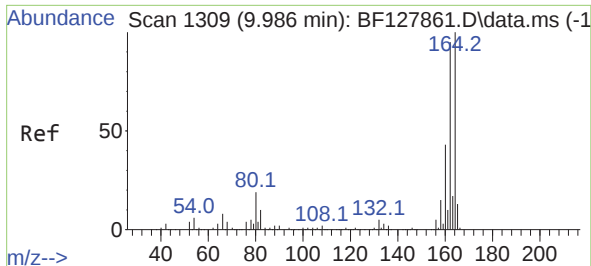
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#38
1-Methylnaphthalene
Concen: 43.643 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:142 Resp: 1039445
Ion Ratio Lower Upper
142 100
141 86.9 70.1 105.1





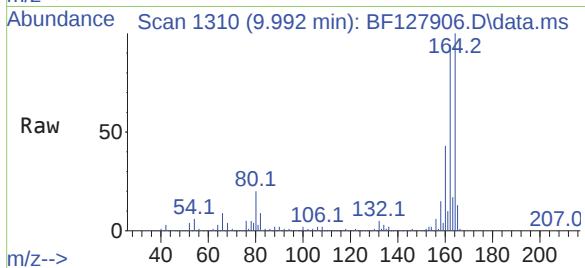
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

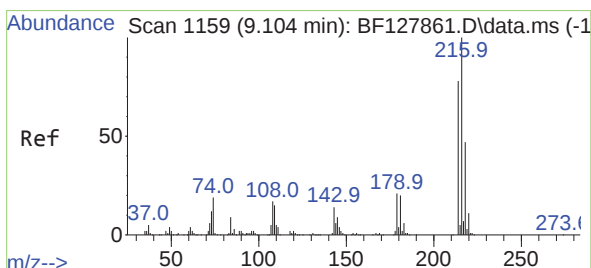
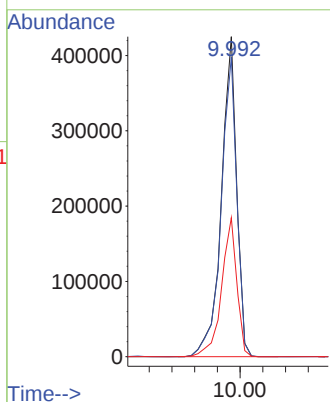
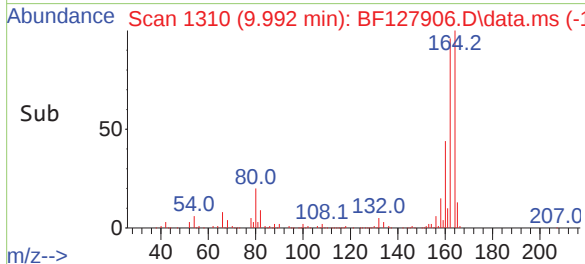


Tgt Ion:164 Resp: 398458
Ion Ratio Lower Upper
164 100
162 93.6 76.0 114.0
160 43.4 34.8 52.2

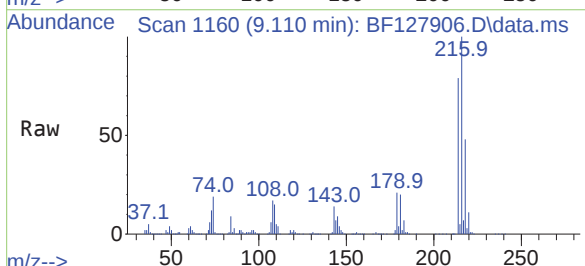
Manual Integrations

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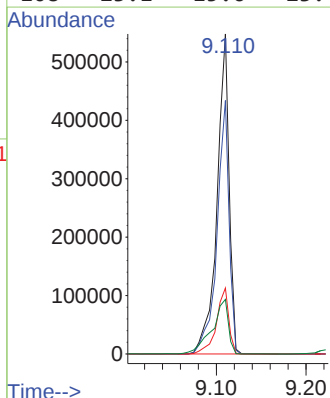
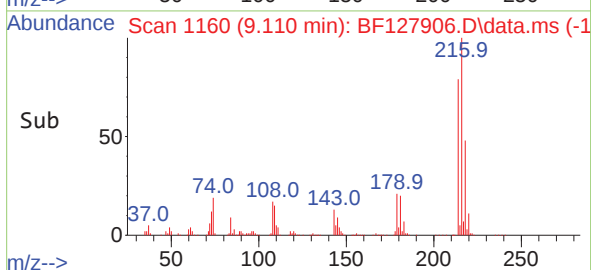
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

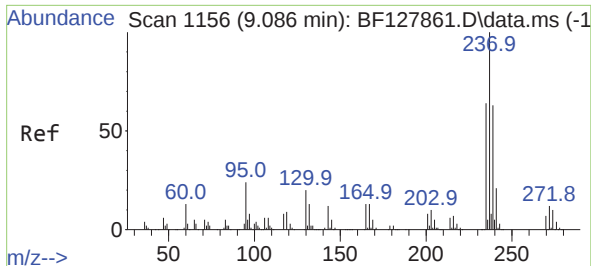


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.750 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



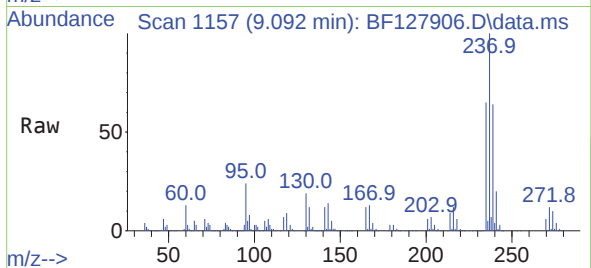
Tgt Ion:216 Resp: 513828
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
179 21.0 16.9 25.3
108 23.1 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 113.125 ng
RT: 9.092 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

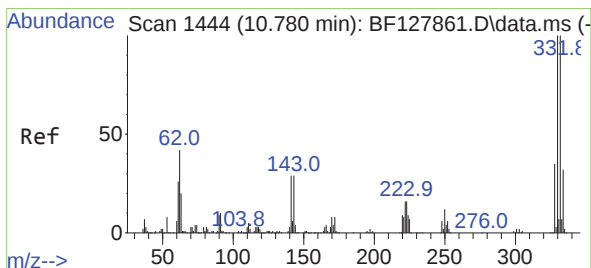
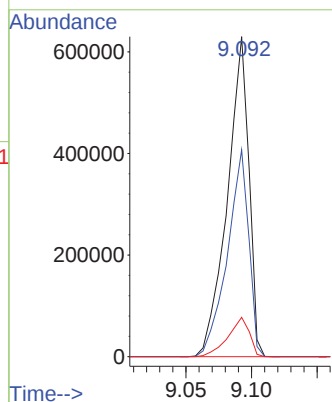
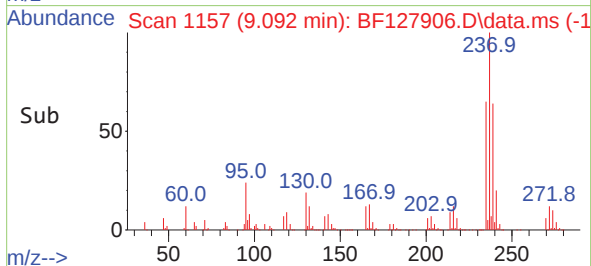
Instrument :
BNA_F
ClientSampleId :
PB144358BS



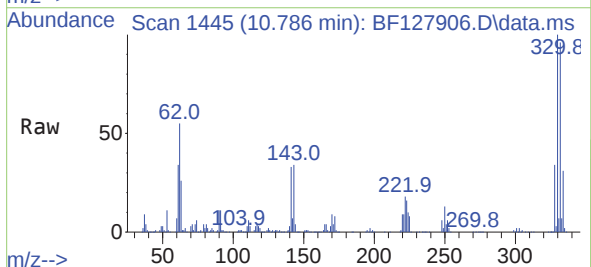
Tgt Ion:237 Resp: 719828
Ion Ratio Lower Upper
237 100
235 64.7 43.6 83.6
272 12.3 0.0 32.1

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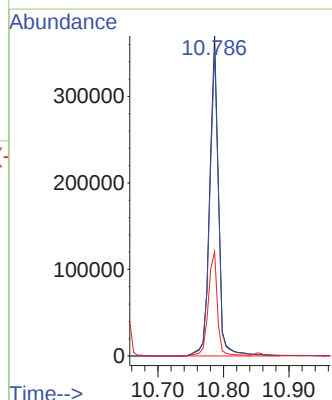
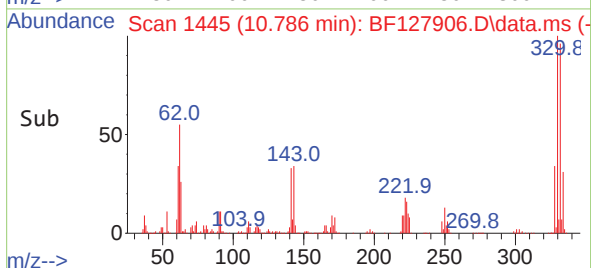
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

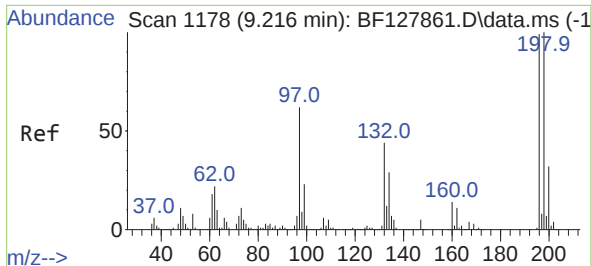


#42
2,4,6-Tribromophenol
Concen: 86.526 ng
RT: 10.786 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion:330 Resp: 347071
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 33.6 28.9 43.3





#43
2,4,6-Trichlorophenol
Concen: 45.580 ng
RT: 9.222 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

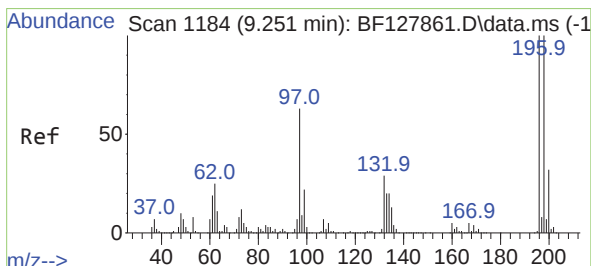
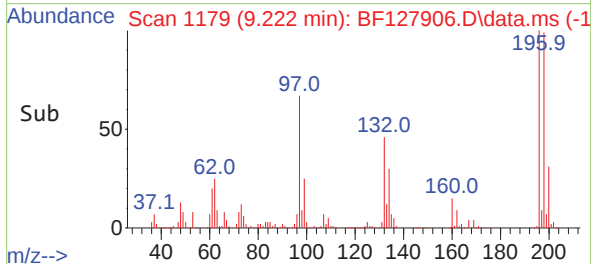
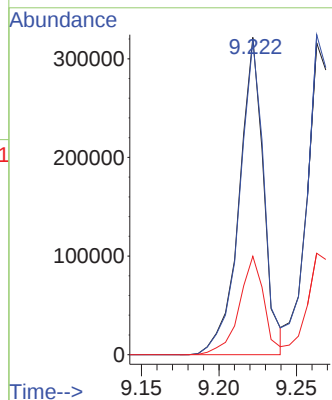
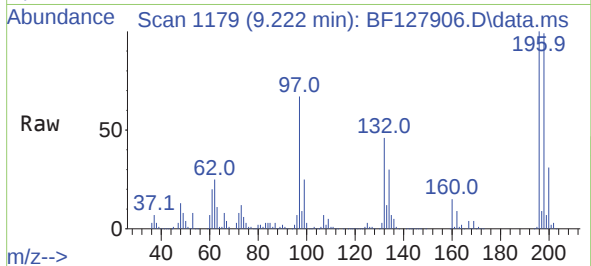
PB144358BS

Tgt Ion:196 Resp: 352239
Ion Ratio Lower Upper
196 100
198 99.0 80.4 120.6
200 31.0 25.9 38.9

Manual Integrations

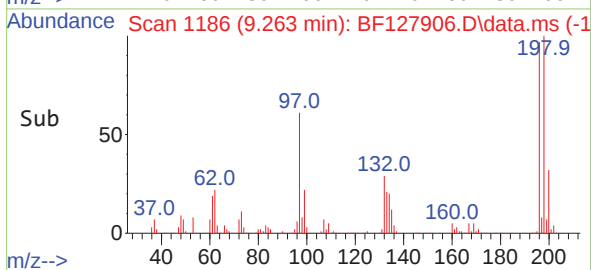
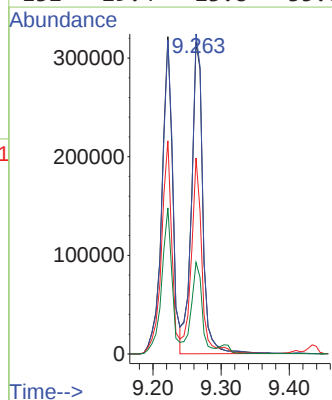
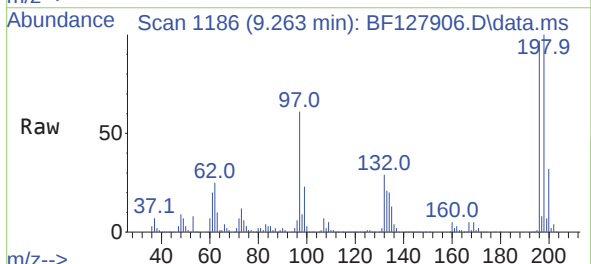
APPROVED

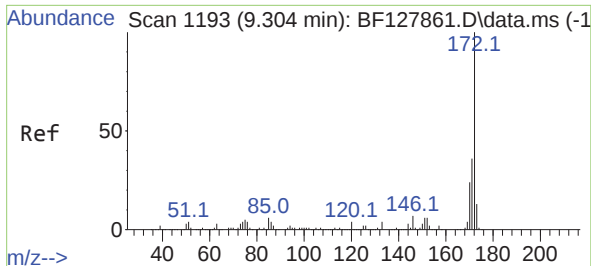
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#44
2,4,5-Trichlorophenol
Concen: 43.084 ng
RT: 9.263 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:196 Resp: 361944
Ion Ratio Lower Upper
196 100
198 102.7 80.2 120.2
97 62.9 50.3 75.5
132 29.4 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 88.410 ng
RT: 9.310 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

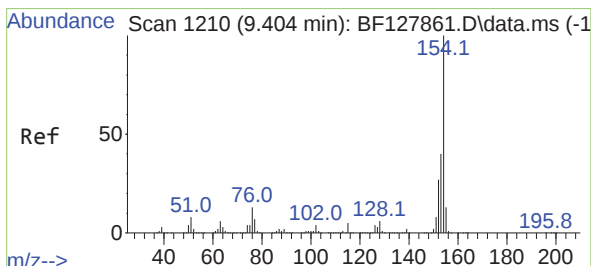
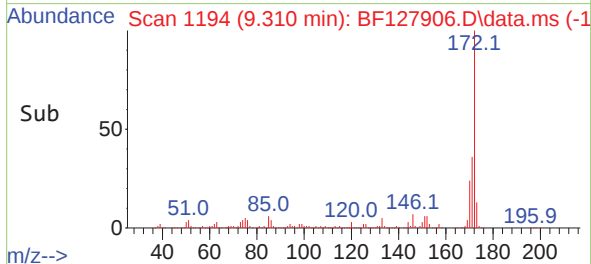
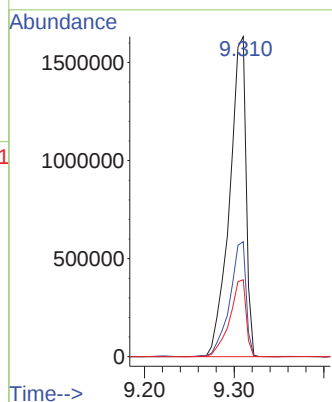
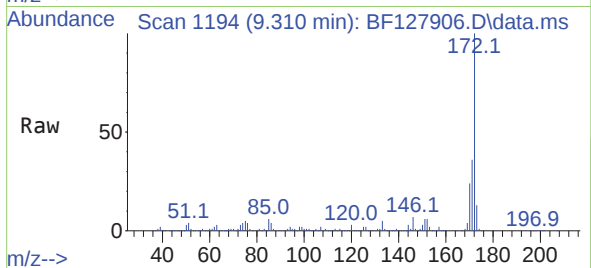
PB144358BS

Tgt Ion:172 Resp: 208233
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.1 19.1 28.7

Manual Integrations

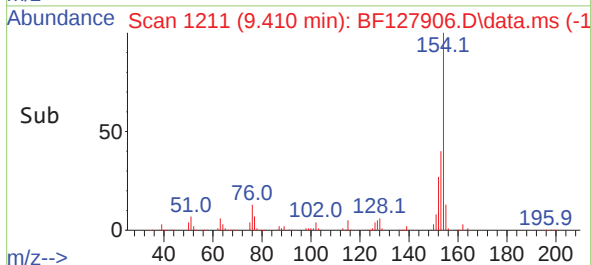
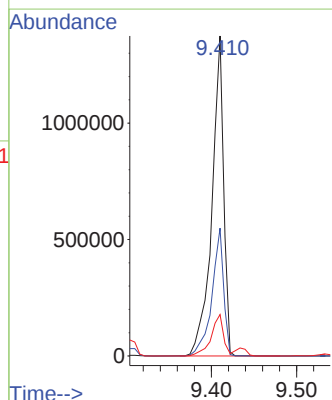
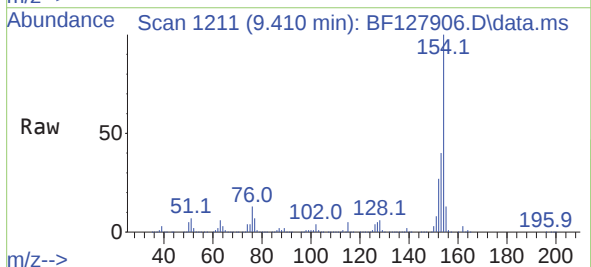
APPROVED

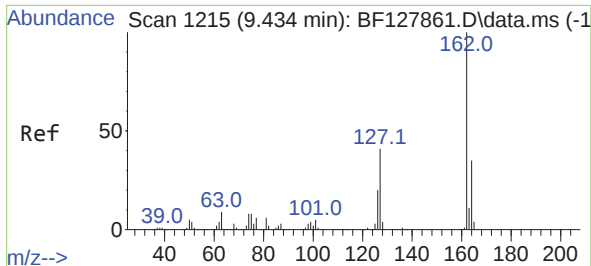
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#46
1,1'-Biphenyl
Concen: 44.815 ng
RT: 9.410 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:154 Resp: 1322732
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 13.0 0.0 33.2





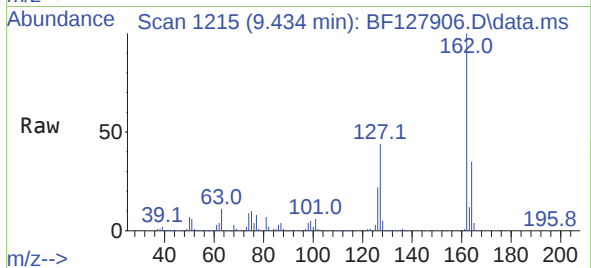
#47
2-Chloronaphthalene
Concen: 43.417 ng
RT: 9.434 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

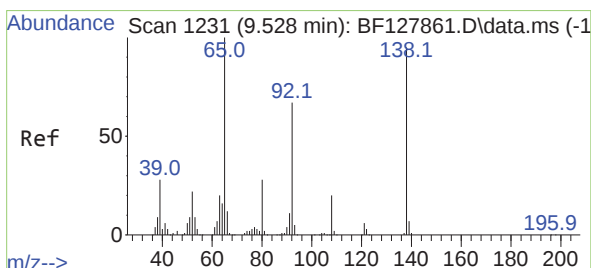
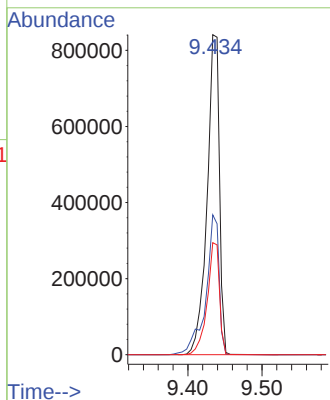
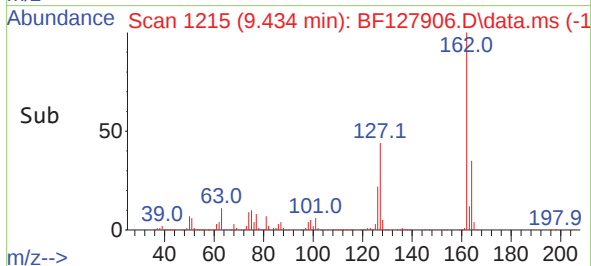
PB144358BS



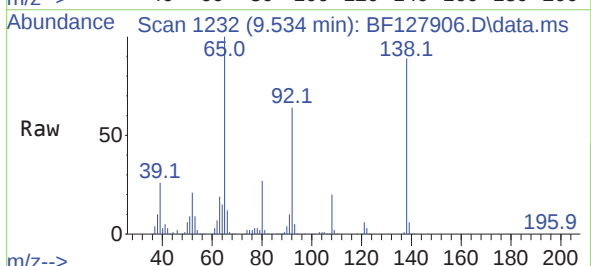
Tgt Ion:162 Resp: 97554
Ion Ratio Lower Upper
162 100
127 43.7 32.9 49.3
164 35.0 28.2 42.2

Manual Integrations
APPROVED

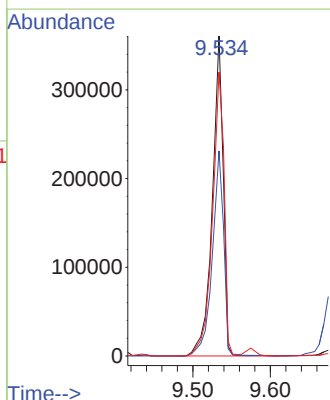
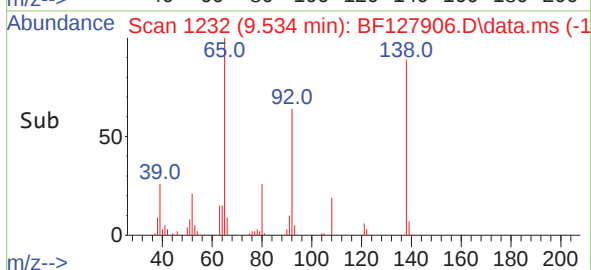
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

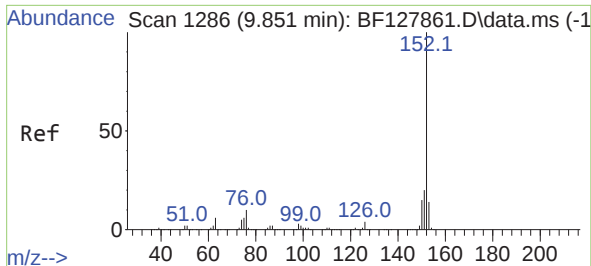


#48
2-Nitroaniline
Concen: 46.476 ng
RT: 9.534 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion: 65 Resp: 353240
Ion Ratio Lower Upper
65 100
92 64.1 53.7 80.5
138 88.7 76.4 114.6





#49
Acenaphthylene
Concen: 45.301 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

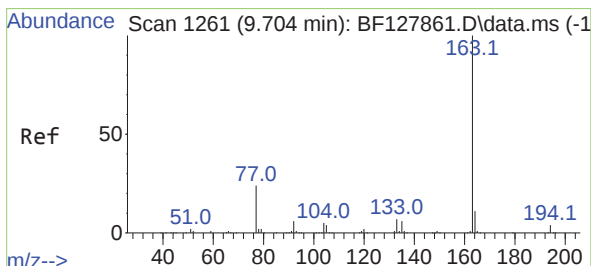
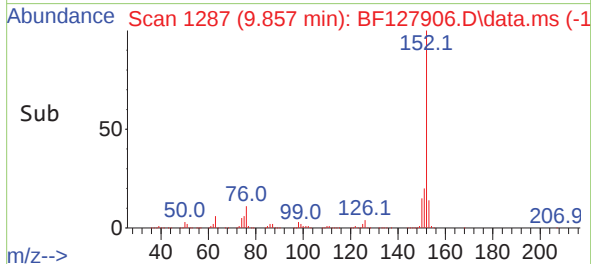
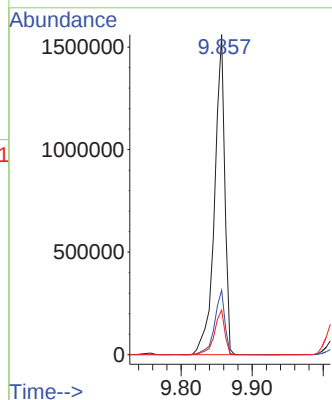
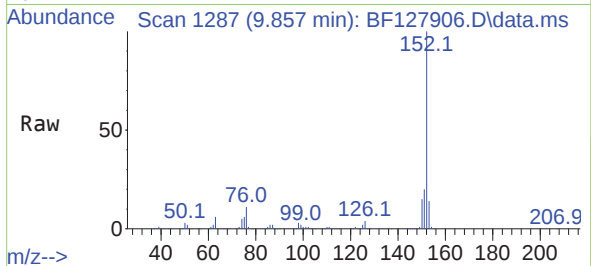
PB144358BS

Tgt Ion:152 Resp: 1557010
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.0 11.2 16.8

Manual Integrations

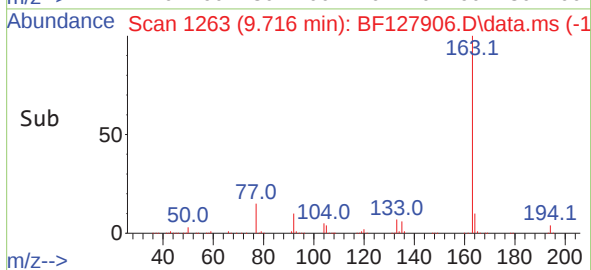
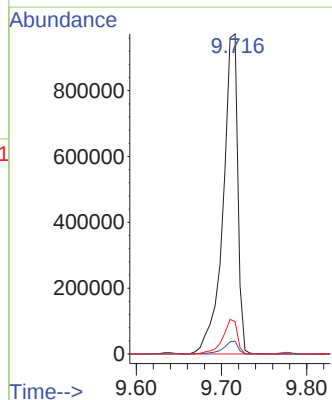
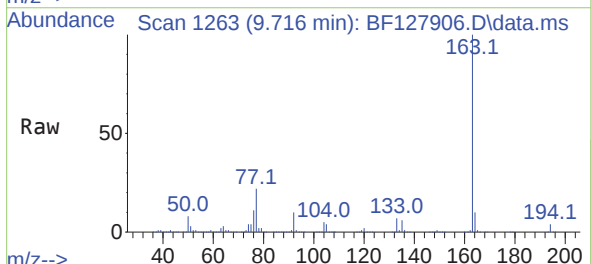
APPROVED

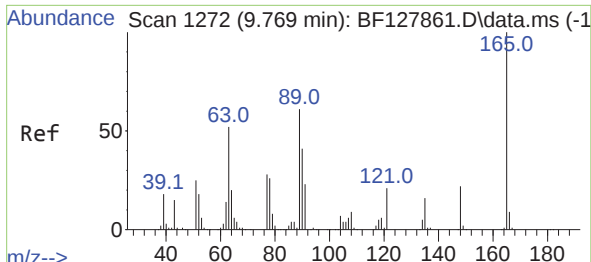
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#50
Dimethylphthalate
Concen: 43.662 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

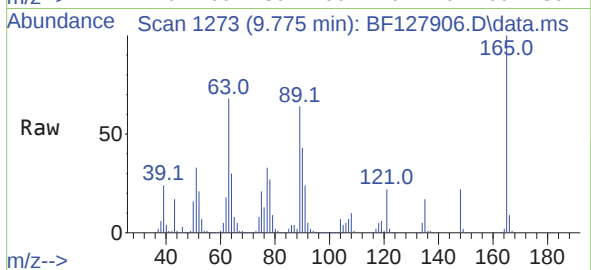
Tgt Ion:163 Resp: 1166758
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 46.131 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

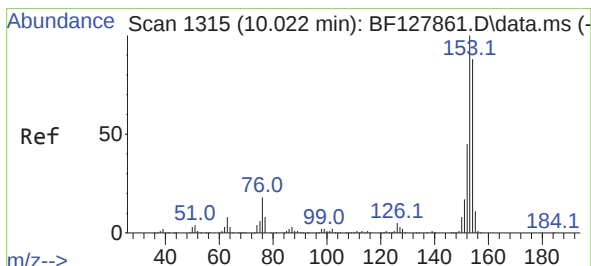
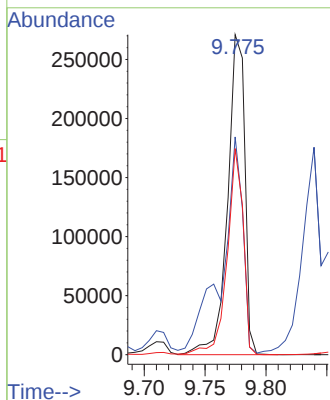
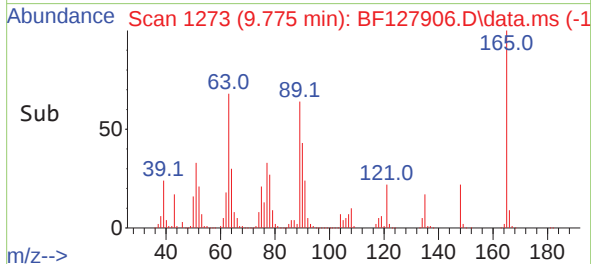
Instrument :
BNA_F
ClientSampleId :
PB144358BS



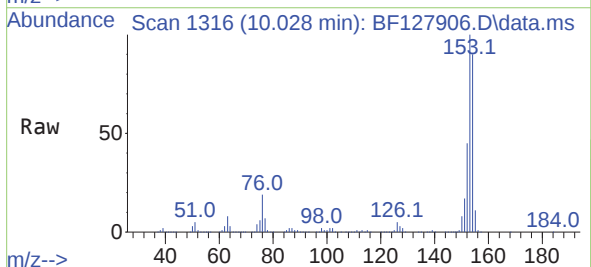
Tgt Ion:165 Resp: 266908
Ion Ratio Lower Upper
165 100
63 68.0 49.5 74.3
89 64.4 49.0 73.4

Manual Integrations
APPROVED

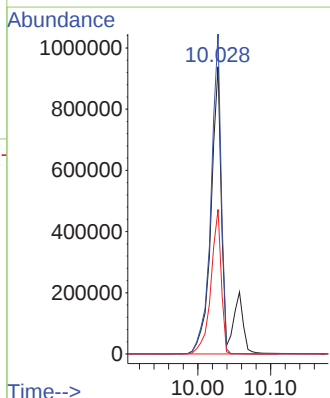
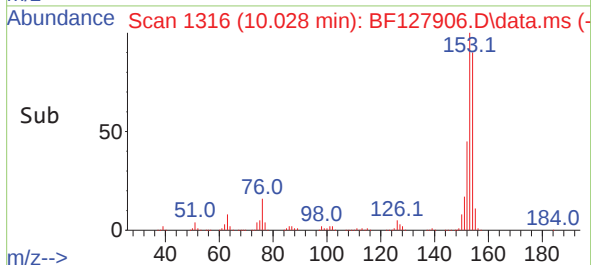
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

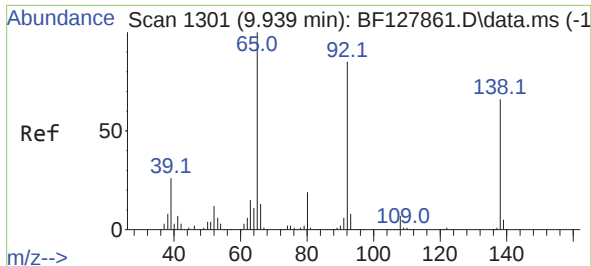


#52
Acenaphthene
Concen: 47.925 ng m
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion:154 Resp: 1107424
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 50.3 41.0 61.6





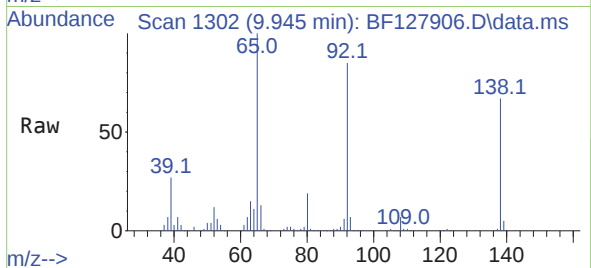
#53
3-Nitroaniline
Concen: 26.546 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

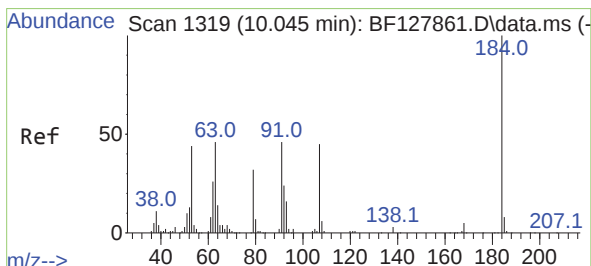
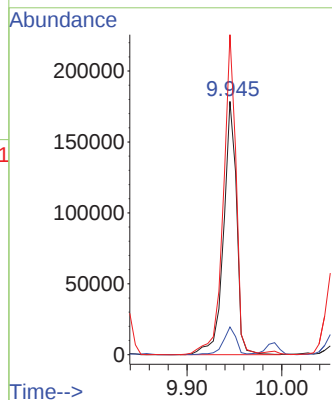
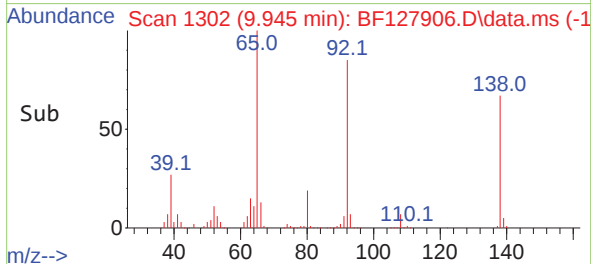


Tgt Ion:138 Resp: 170552
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 126.3 102.7 154.1

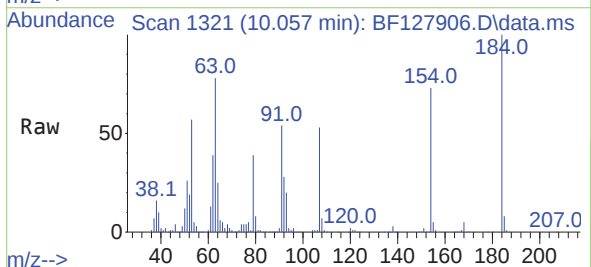
Manual Integrations

APPROVED

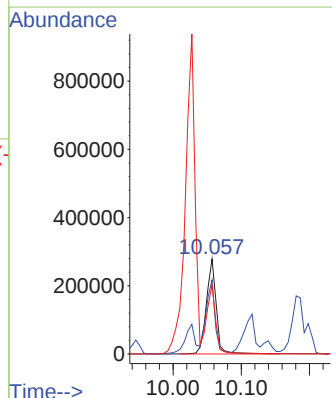
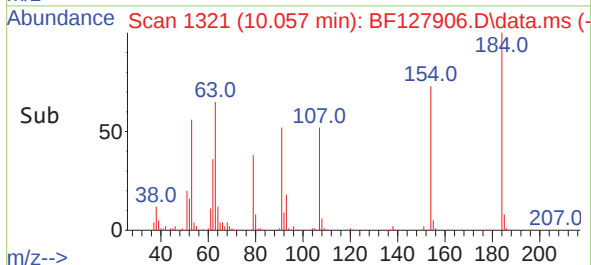
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

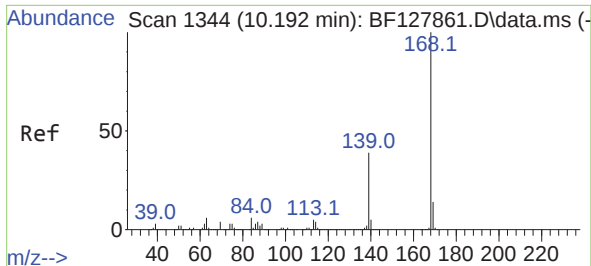


#54
2,4-Dinitrophenol
Concen: 91.815 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



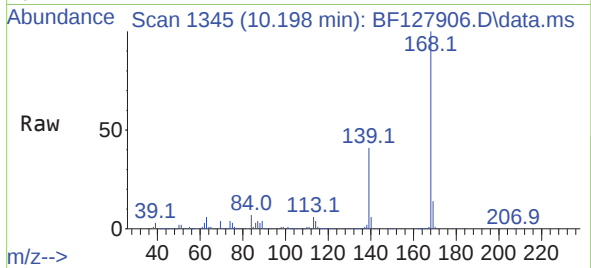
Tgt Ion:184 Resp: 279764
Ion Ratio Lower Upper
184 100
63 78.2 50.0 75.0#
154 72.8 51.7 77.5





#55
Dibenzenofuran
Concen: 41.248 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

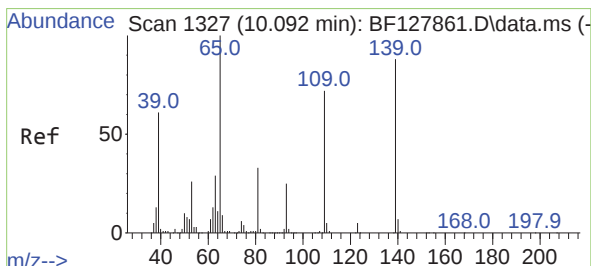
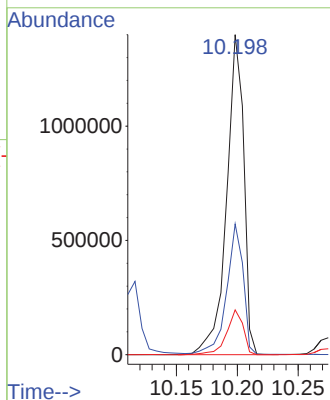
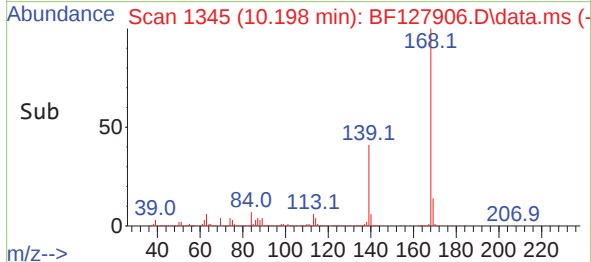
Instrument :
BNA_F
ClientSampleId :
PB144358BS



Tgt Ion:168 Resp: 1375160
Ion Ratio Lower Upper
168 100
139 40.9 31.7 47.5
169 14.0 10.9 16.3

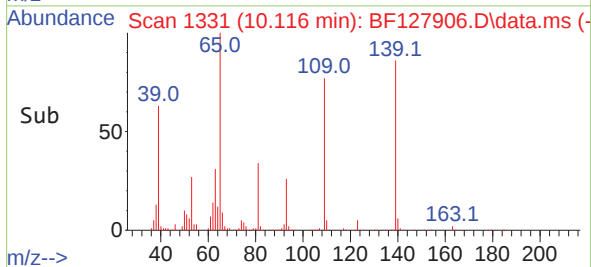
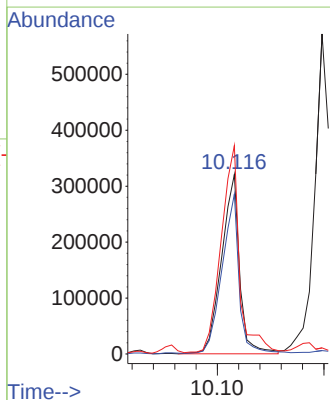
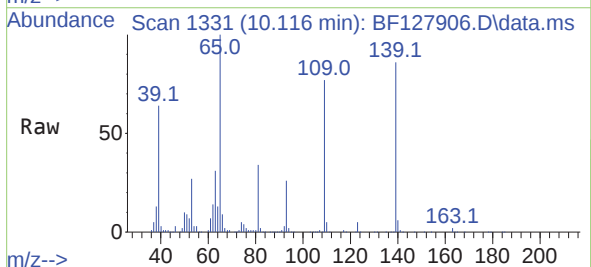
Manual Integrations
APPROVED

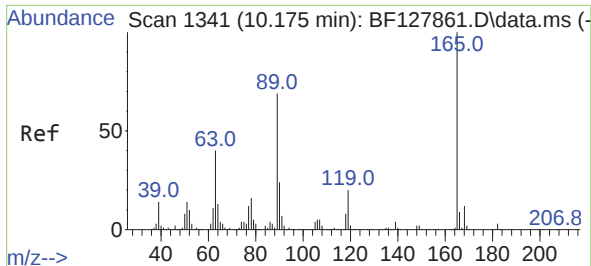
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#56
4-Nitrophenol
Concen: 76.789 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.024 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

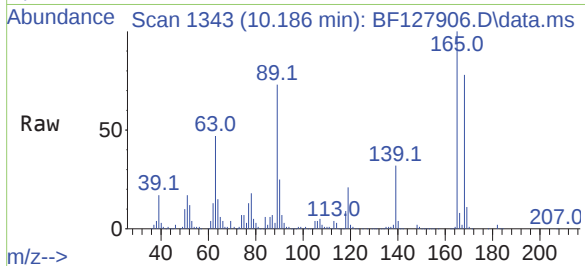
Tgt Ion:139 Resp: 376727
Ion Ratio Lower Upper
139 100
109 89.0 61.9 101.9
65 116.1 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 45.308 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

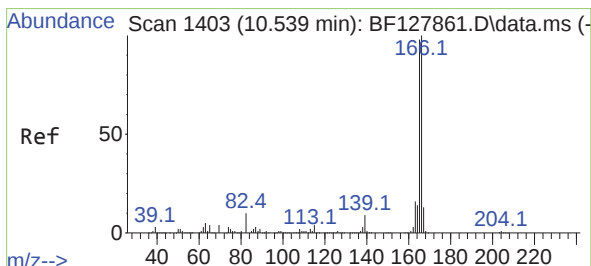
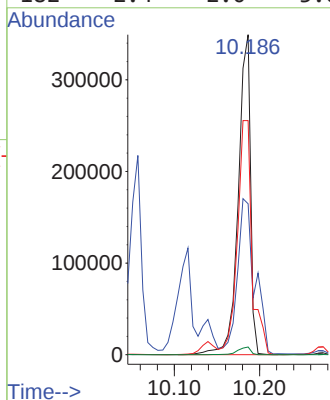
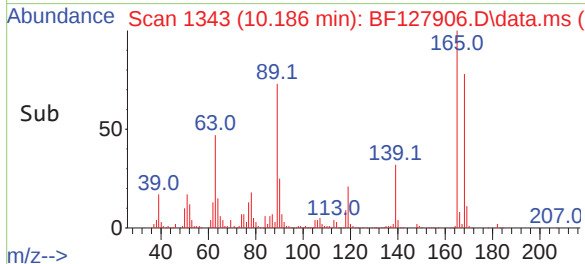
Instrument :
BNA_F
ClientSampleId :
PB144358BS



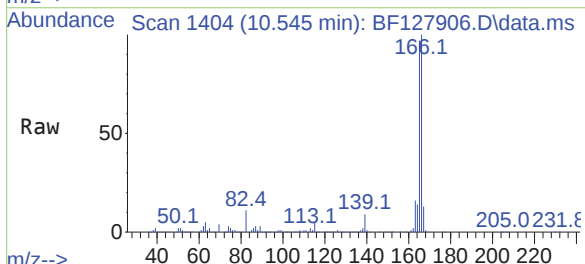
Tgt Ion:165 Resp: 34723
Ion Ratio Lower Upper
165 100
63 47.2 32.6 49.0
89 73.1 55.2 82.8
182 2.4 2.0 3.0

Manual Integrations
APPROVED

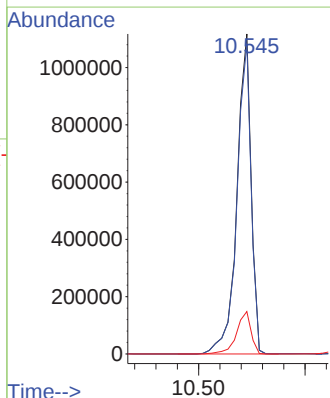
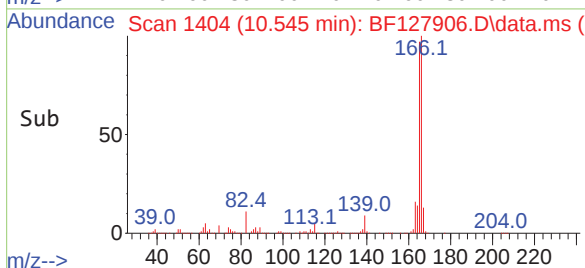
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

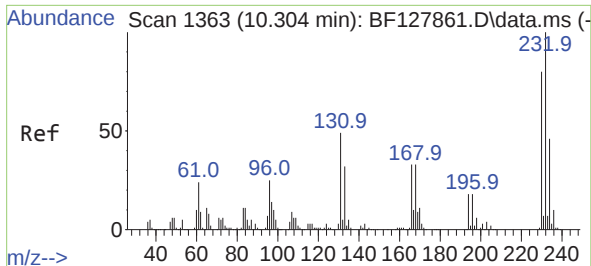


#58
Fluorene
Concen: 41.668 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



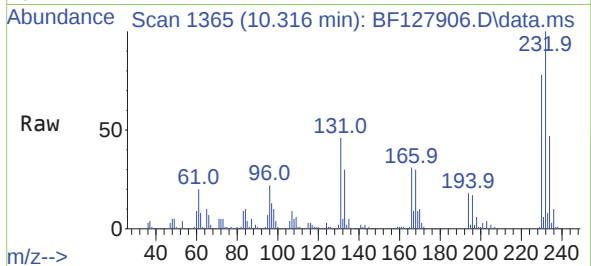
Tgt Ion:166 Resp: 1036572
Ion Ratio Lower Upper
166 100
165 97.0 78.6 117.8
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.494 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

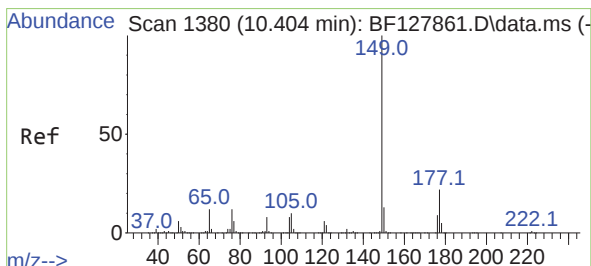
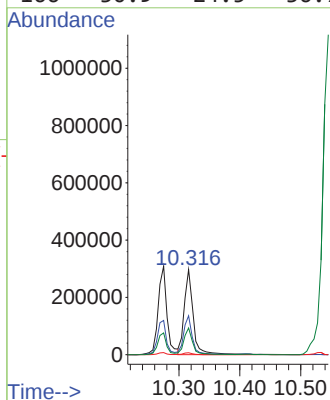
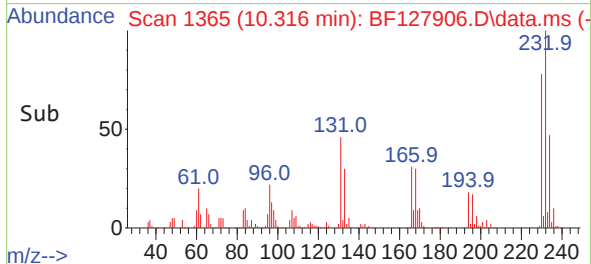
Instrument :
BNA_F
ClientSampleId :
PB144358BS



Tgt Ion:232 Resp: 30019
Ion Ratio Lower Upper
232 100
131 44.4 35.4 53.2
130 2.4 1.9 2.9
166 30.9 24.5 36.7

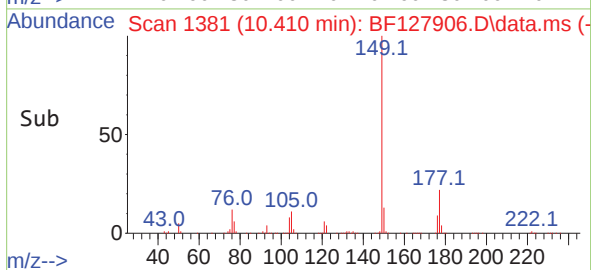
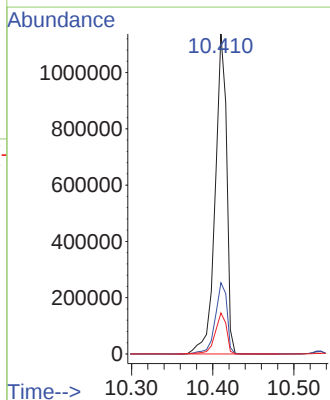
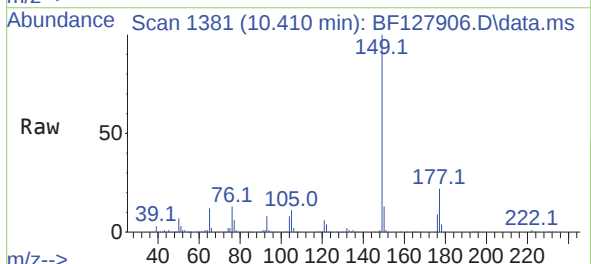
Manual Integrations
APPROVED

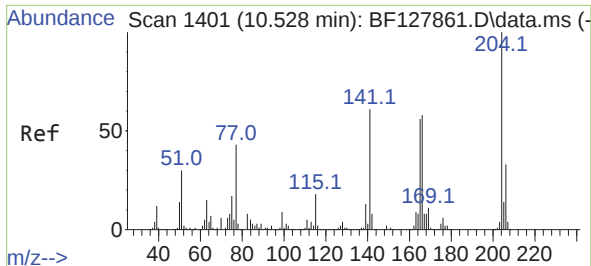
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#60
Diethylphthalate
Concen: 42.516 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:149 Resp: 1114103
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.8 10.2 15.2





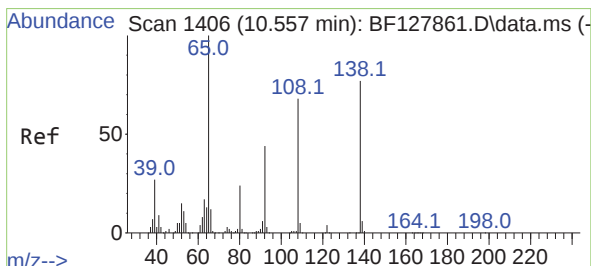
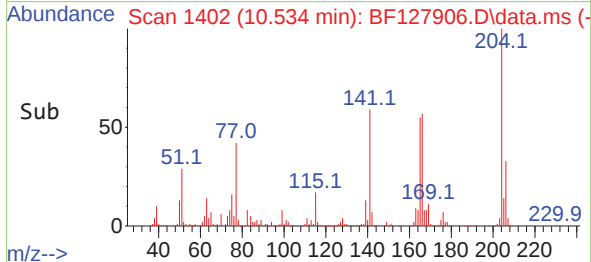
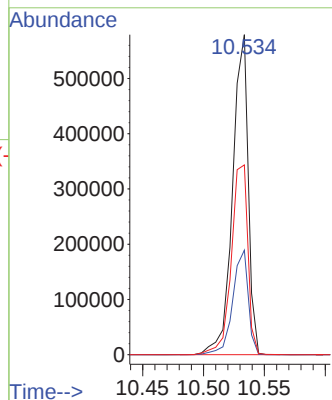
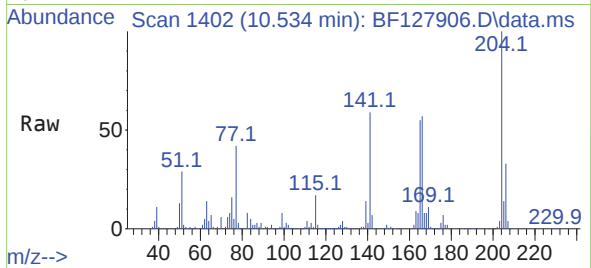
#61
4-Chlorophenyl-phenylether
Concen: 41.835 ng
RT: 10.534 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB144358BS

Tgt Ion:204 Resp: 517170
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 59.3 48.7 73.1

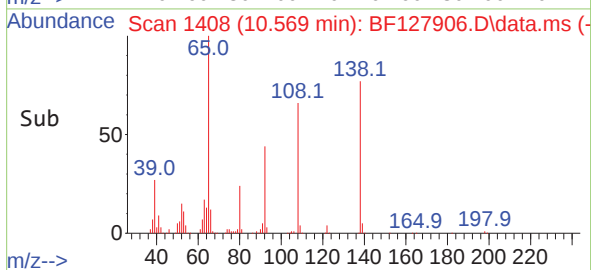
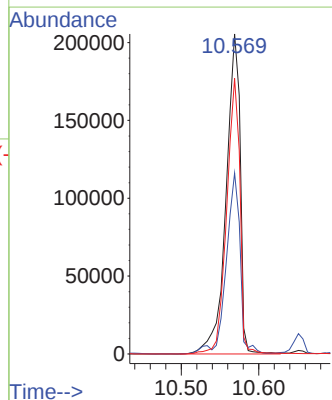
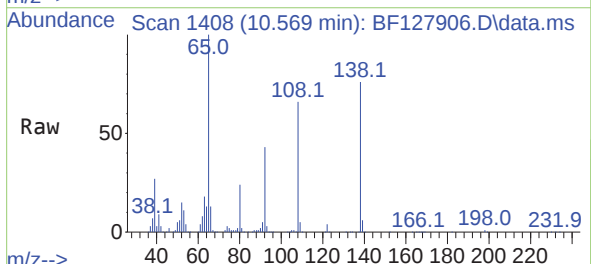
Manual Integrations
APPROVED

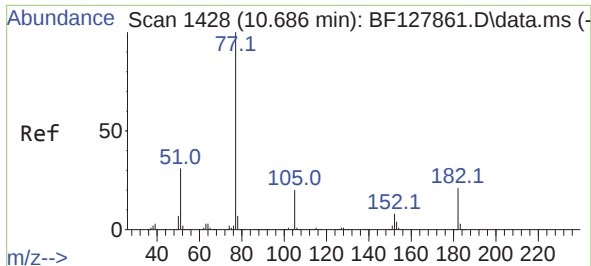
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#62
4-Nitroaniline
Concen: 41.500 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

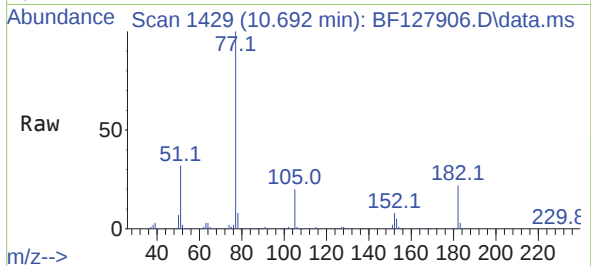
Tgt Ion:138 Resp: 260673
Ion Ratio Lower Upper
138 100
92 56.5 37.4 77.4
108 86.1 68.4 108.4





#63
Azobenzene
Concen: 41.827 ng
RT: 10.692 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

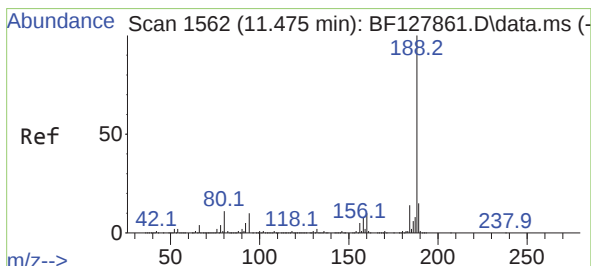
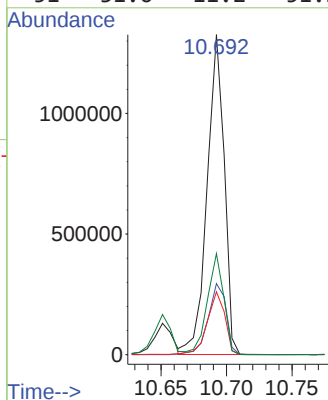
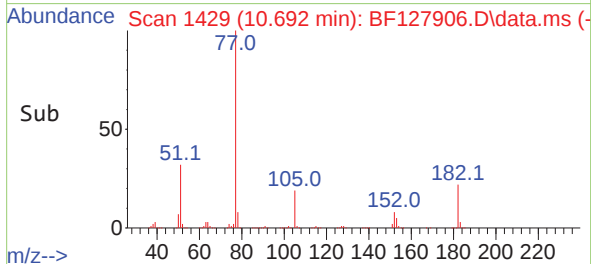
Instrument :
BNA_F
ClientSampleId :
PB144358BS



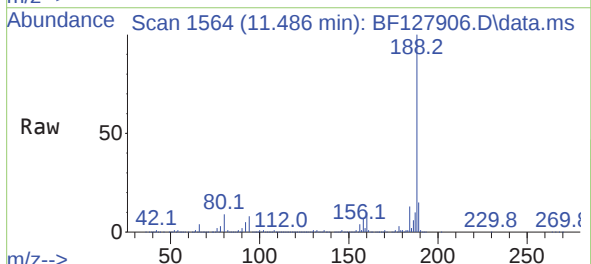
Tgt Ion: 77 Resp: 120604
Ion Ratio Lower Upper
77 100
182 22.2 1.2 41.2
105 19.7 0.0 39.8
51 31.6 11.2 51.2

Manual Integrations
APPROVED

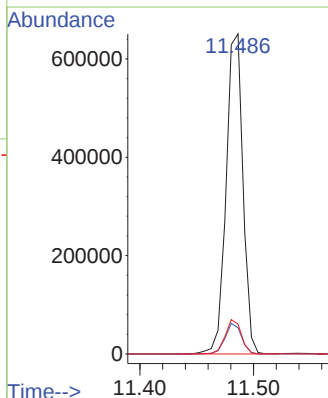
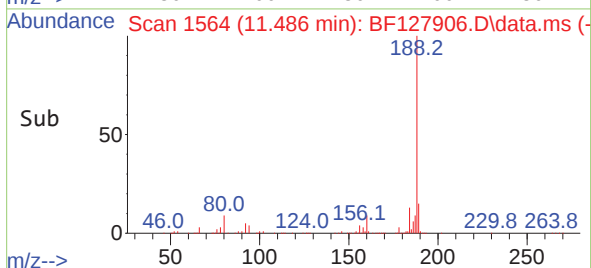
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

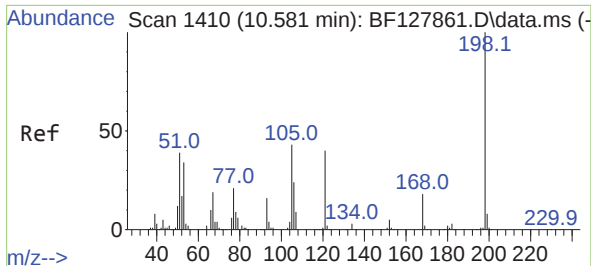


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion:188 Resp: 671386
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.3 8.9 13.3





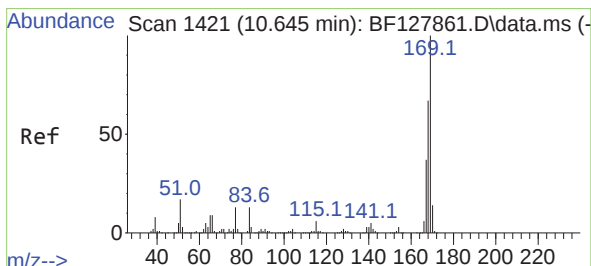
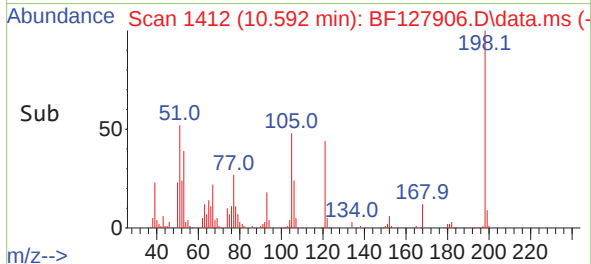
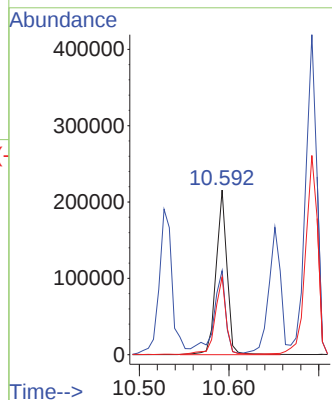
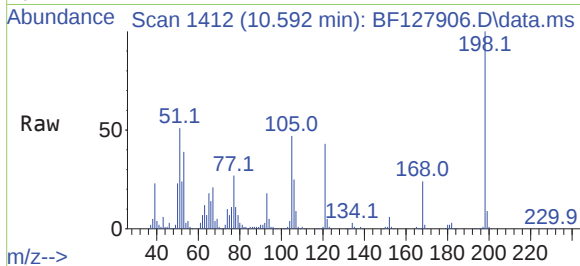
#65
4,6-Dinitro-2-methylphenol
Concen: 45.543 ng
RT: 10.592 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB144358BS

Tgt Ion:198 Resp: 181680
Ion Ratio Lower Upper
198 100
51 51.0 28.4 68.4
105 47.1 23.4 63.4

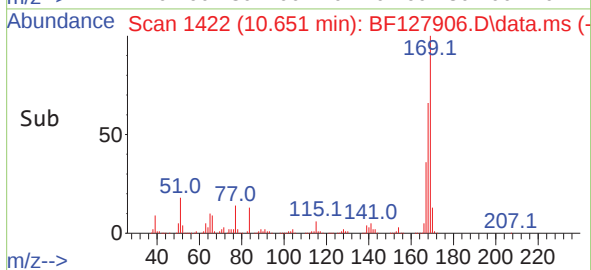
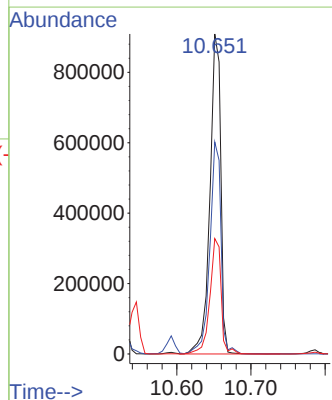
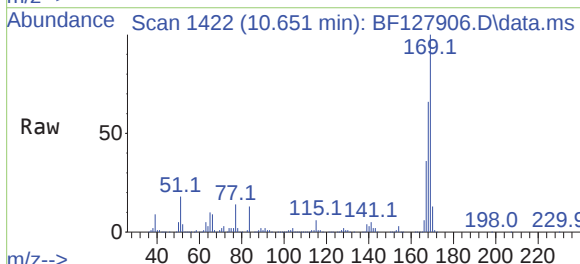
Manual Integrations
APPROVED

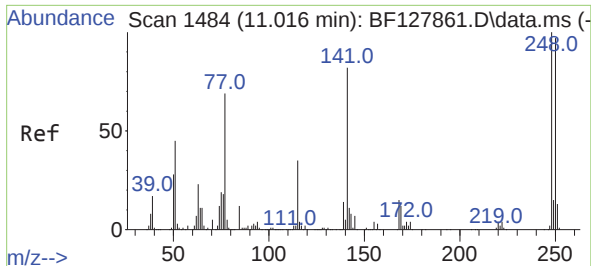
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#66
n-Nitrosodiphenylamine
Concen: 44.174 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:169 Resp: 922827
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.0 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 44.523 ng
RT: 11.022 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

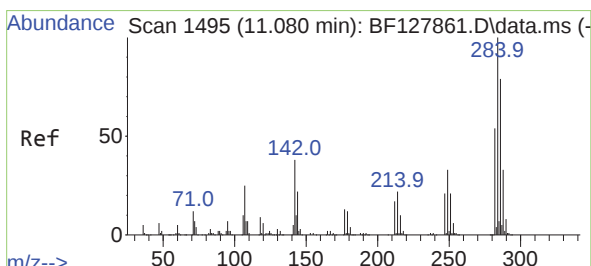
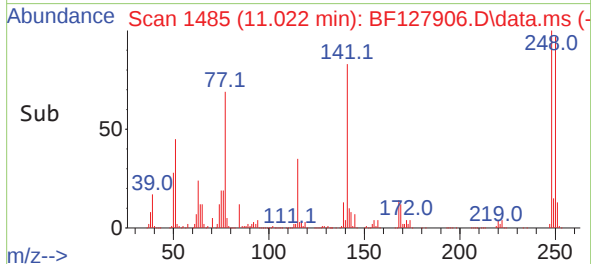
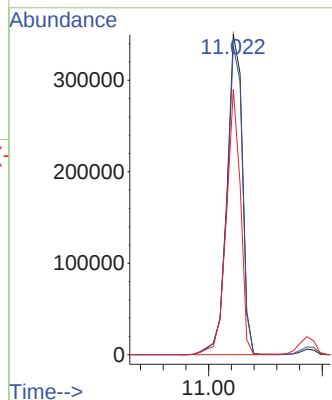
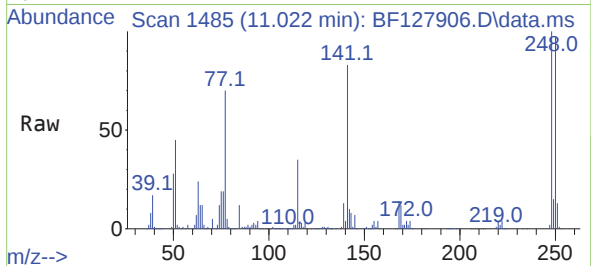
PB144358BS

Tgt Ion:248 Resp: 331372
Ion Ratio Lower Upper
248 100
250 96.5 77.7 116.5
141 82.9 65.6 98.4

Manual Integrations

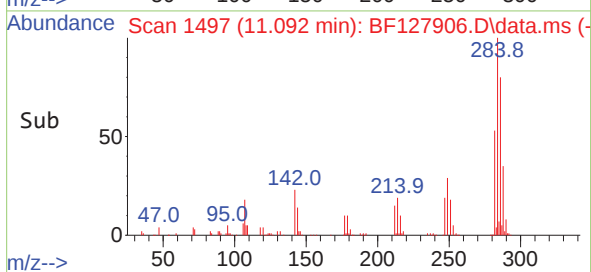
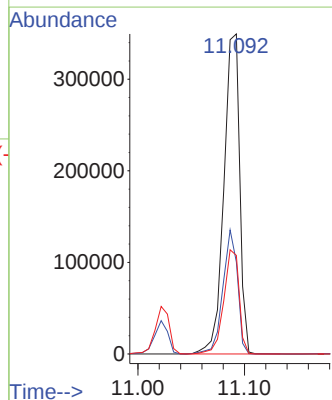
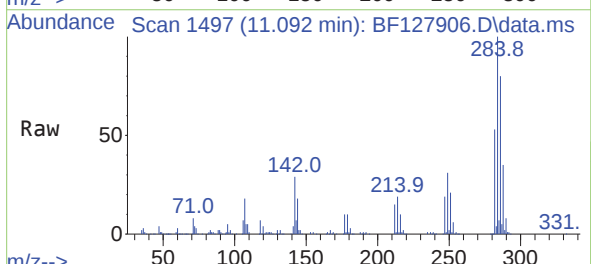
APPROVED

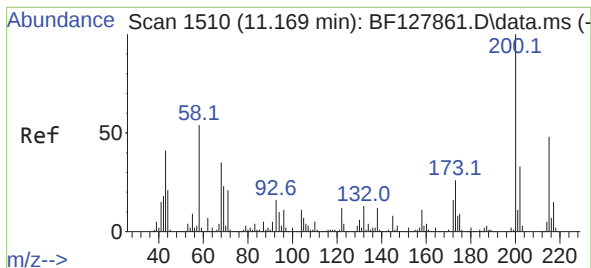
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#68
Hexachlorobenzene
Concen: 45.977 ng
RT: 11.092 min Scan# 1497
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:284 Resp: 360529
Ion Ratio Lower Upper
284 100
142 28.8 30.2 45.4#
249 30.8 26.1 39.1





#69

Atrazine

Concen: 51.179 ng

RT: 11.181 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

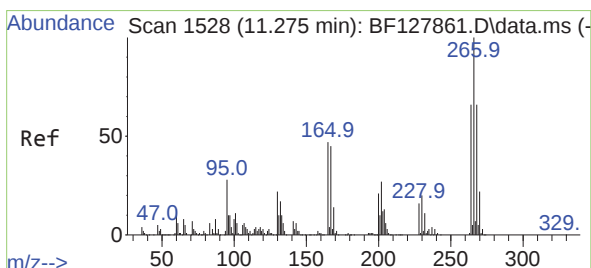
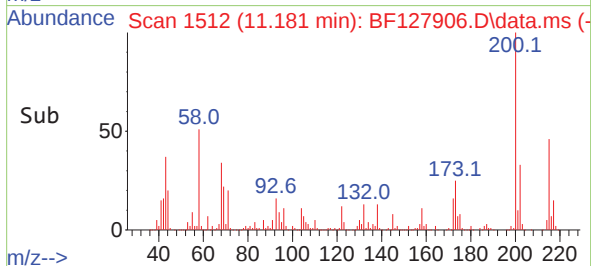
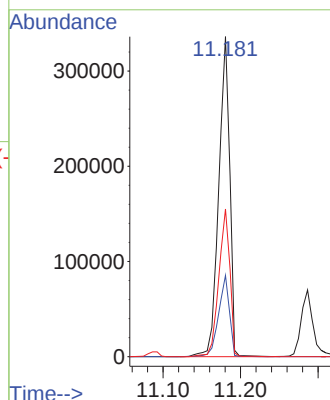
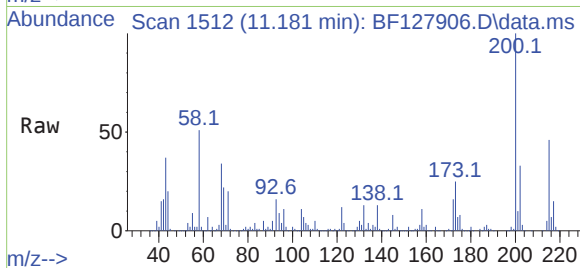
PB144358BS

Tgt Ion:200 Resp: 330605
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.0 46.0
 215 46.1 28.1 68.1

Manual Integrations

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



#70

Pentachlorophenol

Concen: 83.684 ng

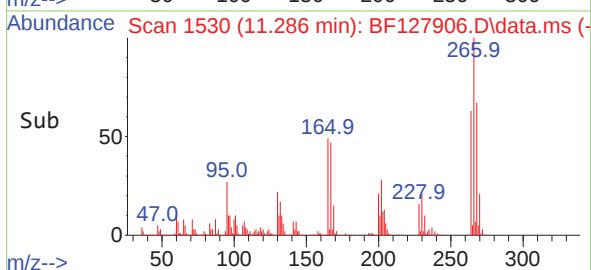
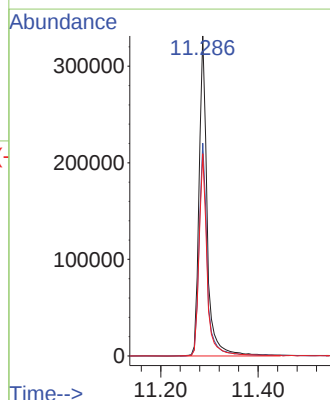
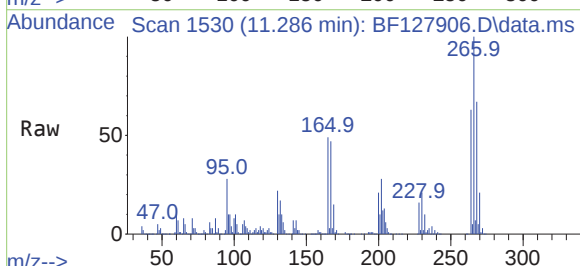
RT: 11.286 min Scan# 1530

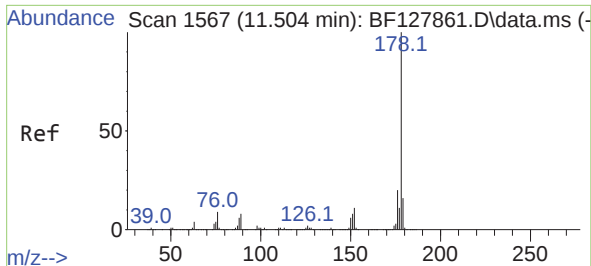
Delta R.T. 0.012 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

Tgt Ion:266 Resp: 386052
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.0 79.6
 264 63.2 53.1 79.7





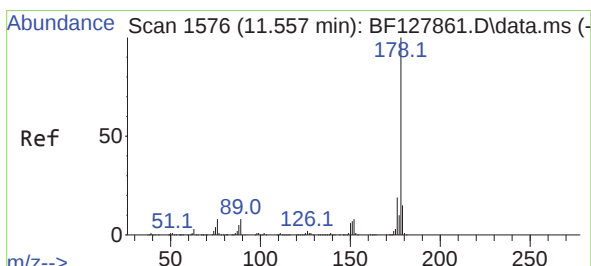
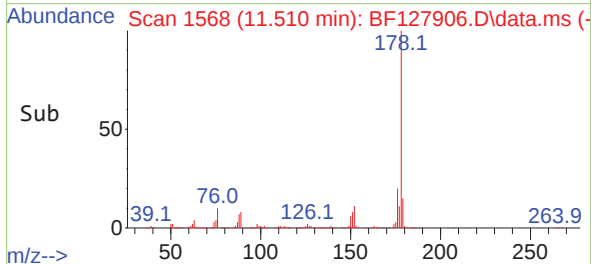
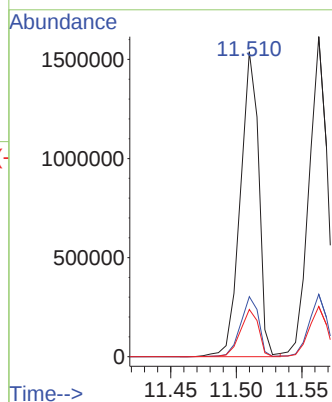
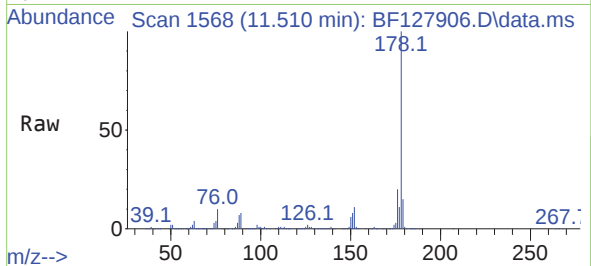
#71
Phenanthrene
Concen: 42.681 ng
RT: 11.510 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB144358BS

Tgt Ion:178 Resp: 1499970
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.5 12.6 19.0

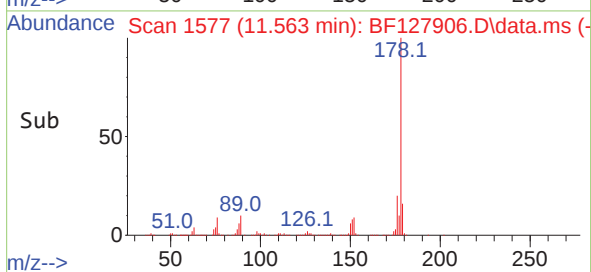
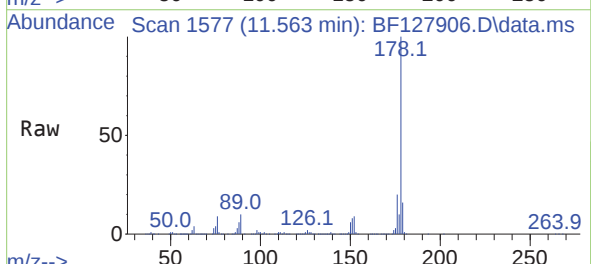
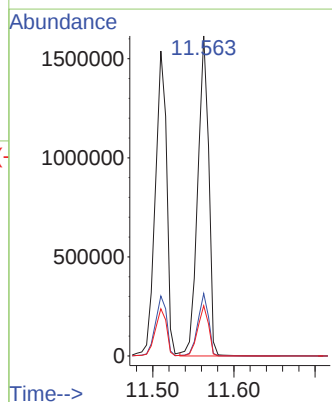
Manual Integrations
APPROVED

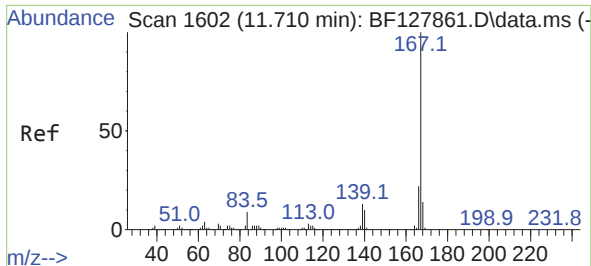
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#72
Anthracene
Concen: 43.380 ng
RT: 11.563 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

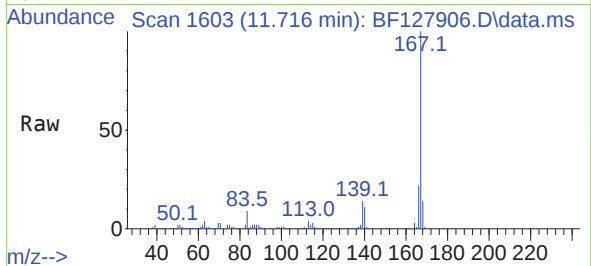
Tgt Ion:178 Resp: 1518672
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 39.671 ng
 RT: 11.716 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: BF127906.D
 Acq: 26 Apr 2022 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB144358BS

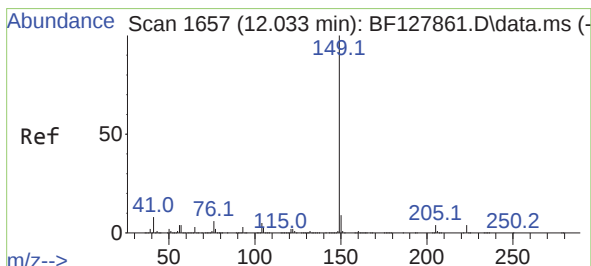
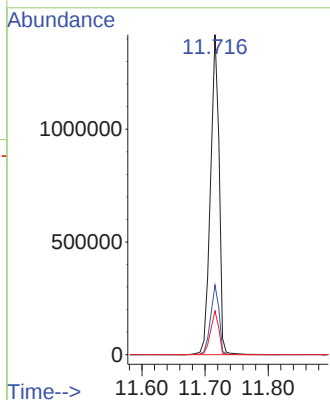
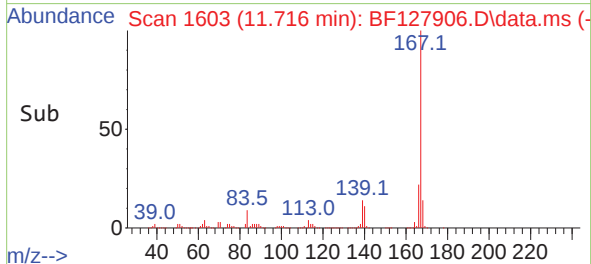


Tgt Ion:167 Resp: 133852

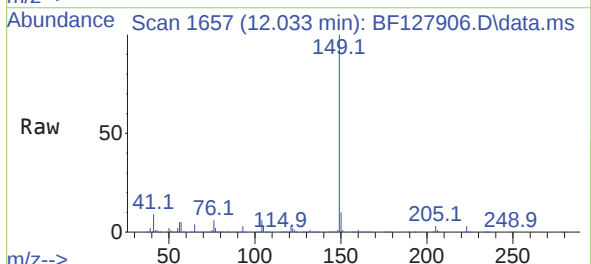
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.7	10.7	16.1

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

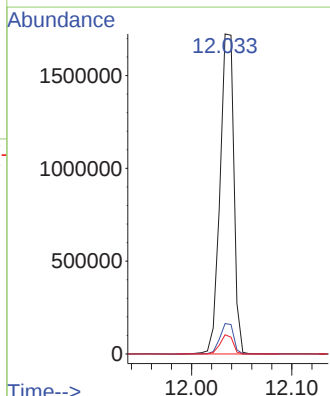
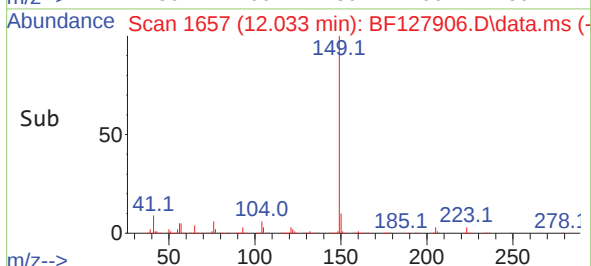


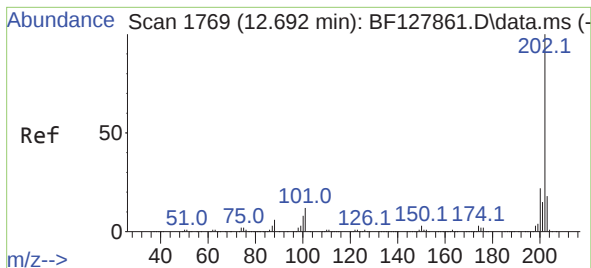
#74
 Di-n-butylphthalate
 Concen: 43.465 ng
 RT: 12.033 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF127906.D
 Acq: 26 Apr 2022 11:18



Tgt Ion:149 Resp: 1649084

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	6.0	4.3	6.5





#75
Fluoranthene
Concen: 41.136 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

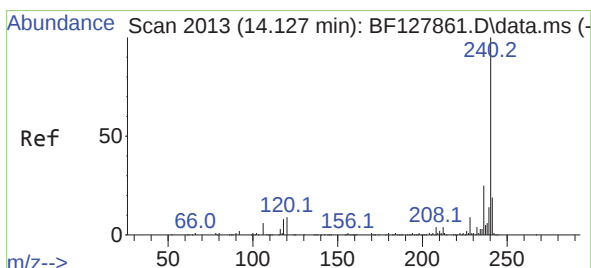
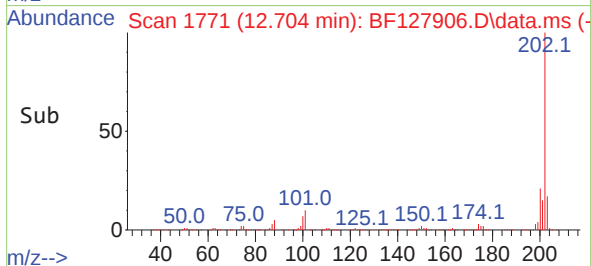
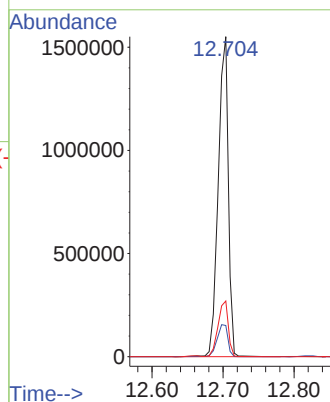
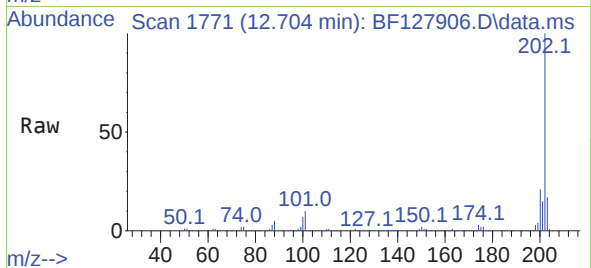
PB144358BS

Tgt Ion:202 Resp: 152153
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.6
203 17.4 0.0 38.1

Manual Integrations

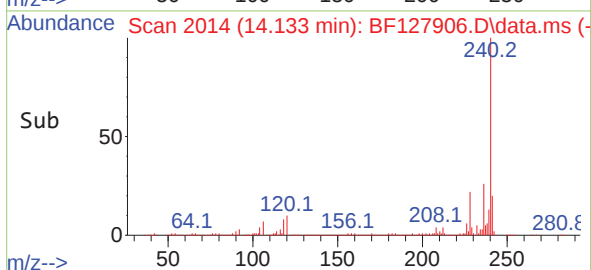
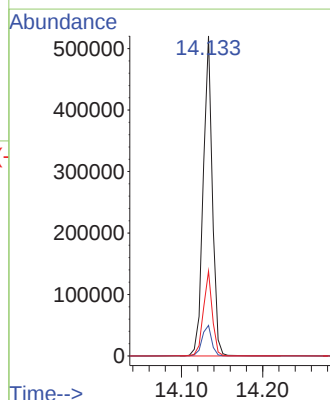
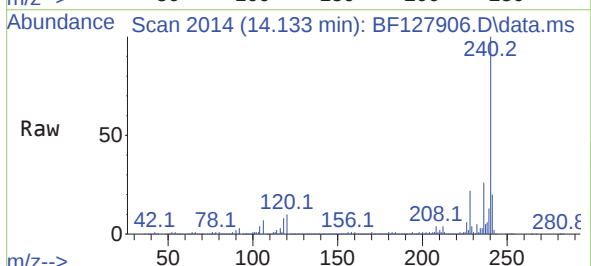
APPROVED

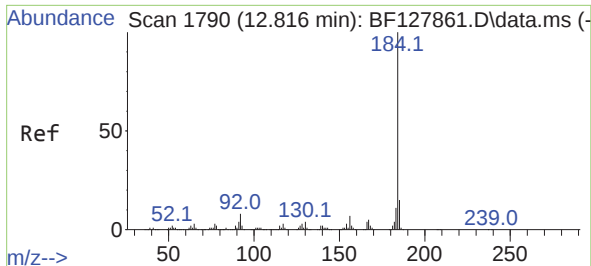
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:240 Resp: 406032
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 26.5 20.3 30.5





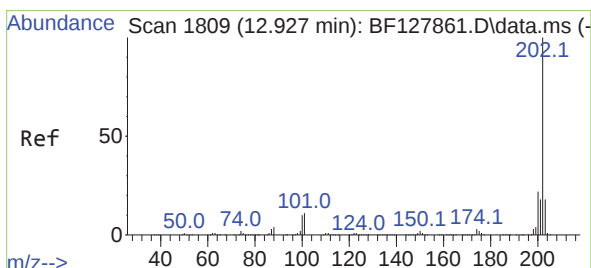
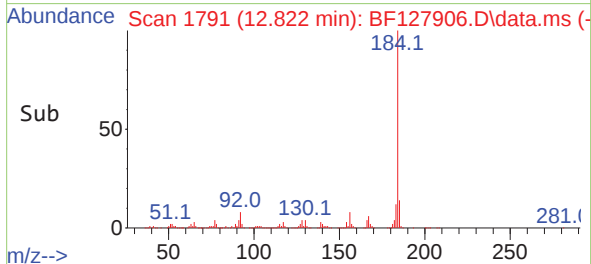
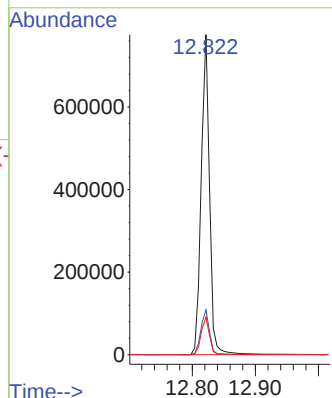
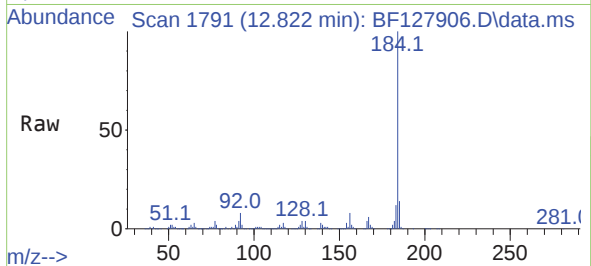
#77
Benzidine
Concen: 92.080 ng
RT: 12.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB144358BS

Tgt Ion:184 Resp: 70742
Ion Ratio Lower Upper
184 100
185 14.0 12.1 18.1
183 11.7 9.0 13.4

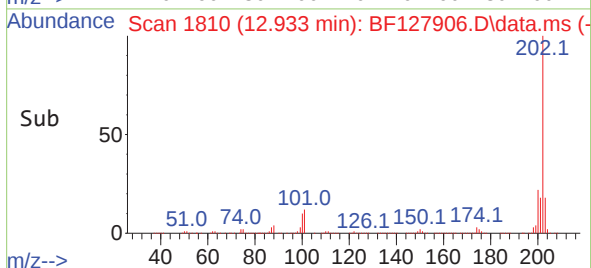
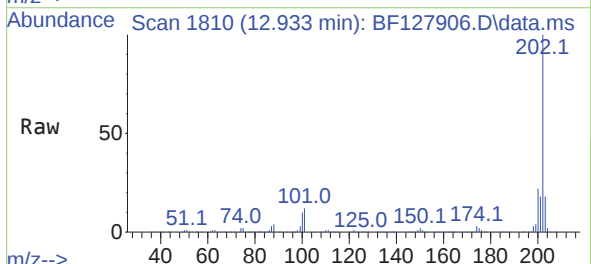
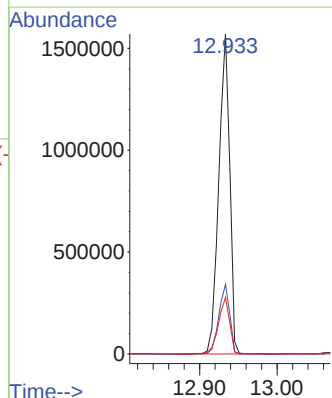
Manual Integrations
APPROVED

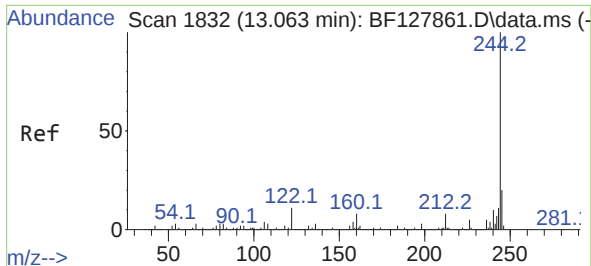
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#78
Pyrene
Concen: 46.880 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:202 Resp: 1536569
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.6 14.0 21.0





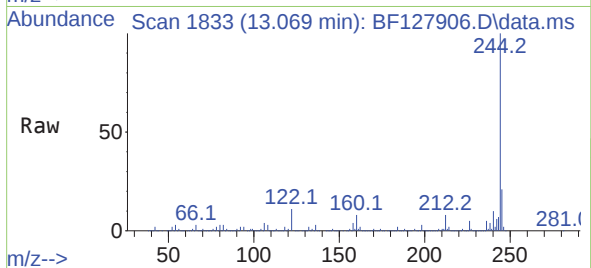
#79
Terphenyl-d14
Concen: 91.586 ng
RT: 13.069 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

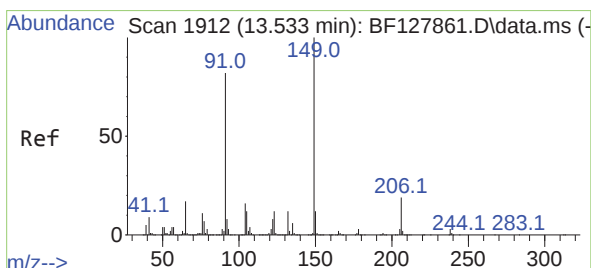
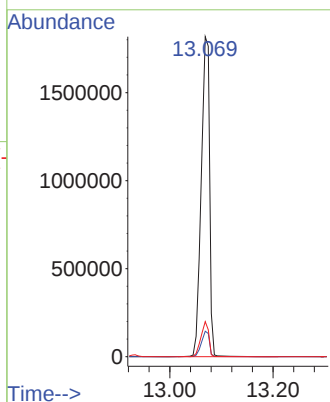
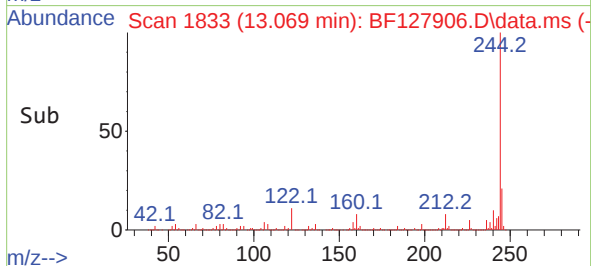


Tgt Ion:244 Resp: 2033670
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.9 8.6 12.8

Manual Integrations

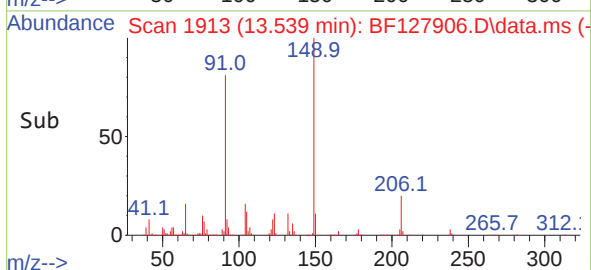
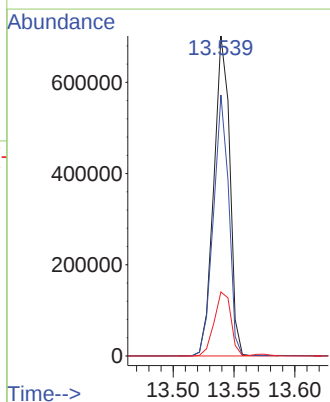
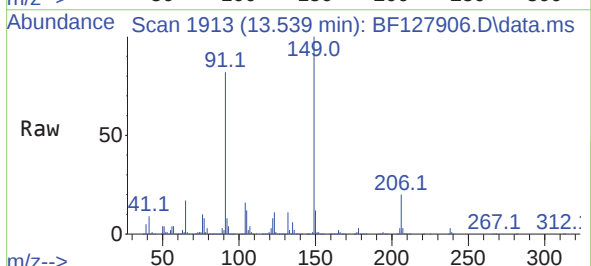
APPROVED

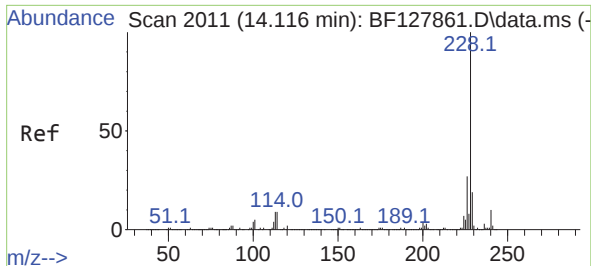
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#80
Butylbenzylphthalate
Concen: 50.123 ng
RT: 13.539 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:149 Resp: 643933
Ion Ratio Lower Upper
149 100
91 81.6 65.8 98.6
206 20.0 15.4 23.2





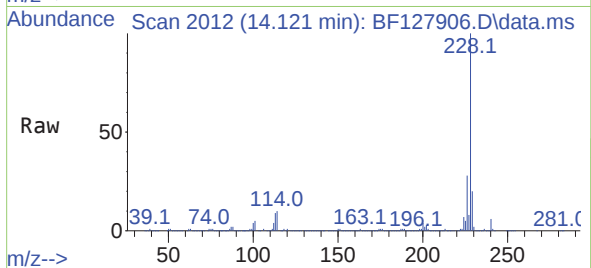
#81
Benzo(a)anthracene
Concen: 45.384 ng
RT: 14.121 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

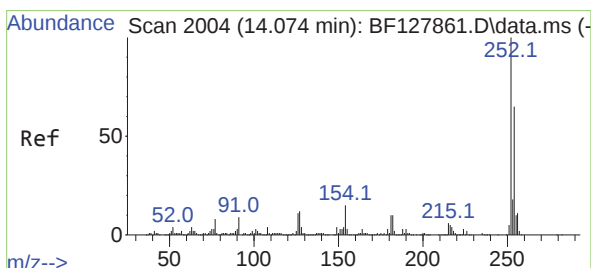
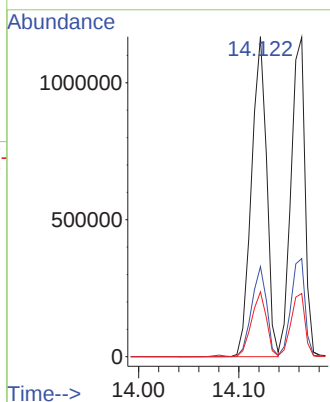
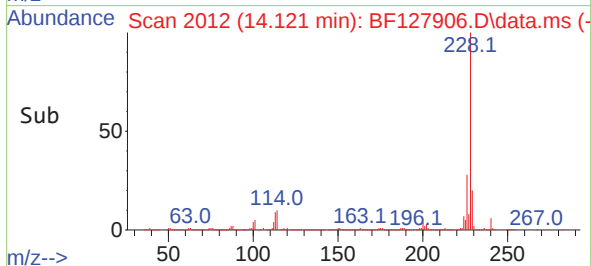


Tgt Ion:228 Resp: 122823
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 20.3 15.4 23.2

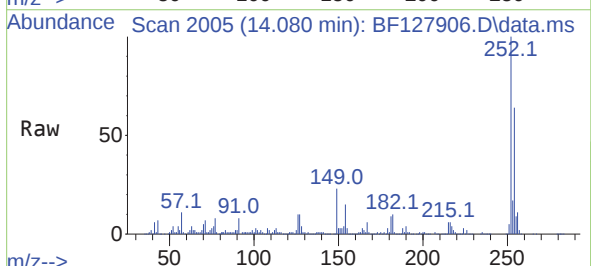
Manual Integrations

APPROVED

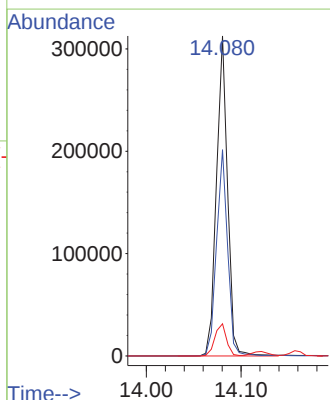
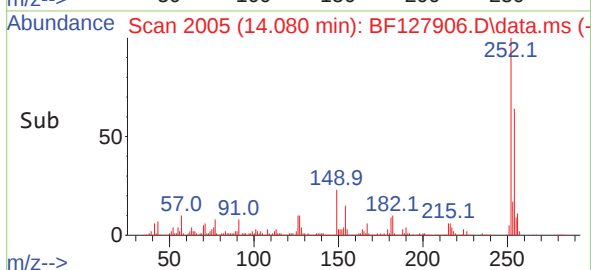
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

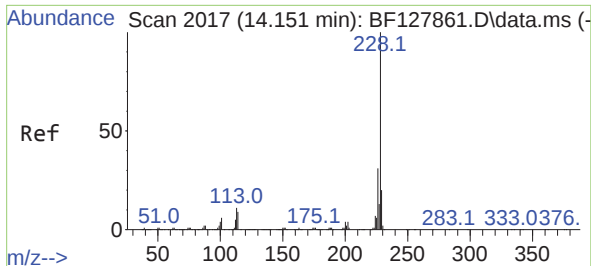


#82
3,3'-Dichlorobenzidine
Concen: 29.553 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18



Tgt Ion:252 Resp: 253949
Ion Ratio Lower Upper
252 100
254 64.4 51.6 77.4
126 10.0 8.8 13.2





#83
Chrysene
Concen: 43.605 ng
RT: 14.163 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

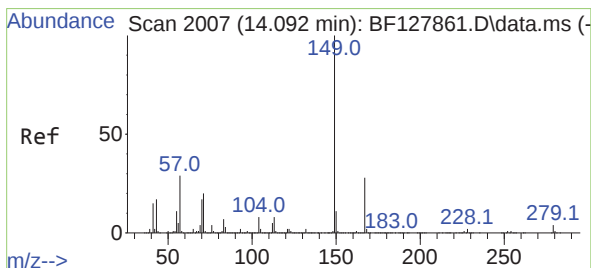
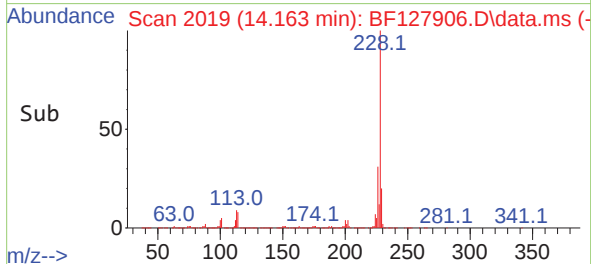
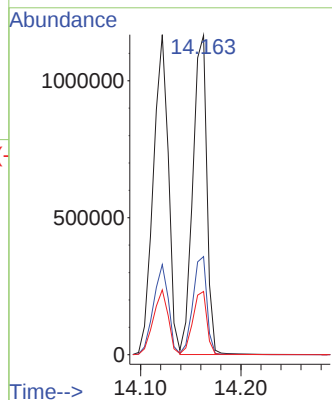
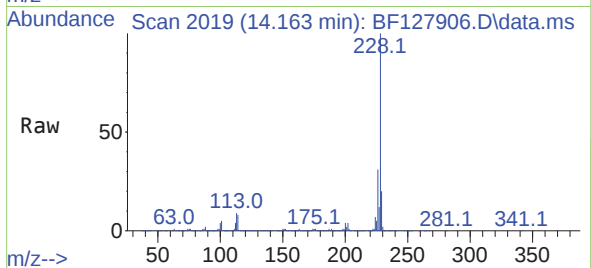
PB144358BS

Tgt Ion:228 Resp: 1127039
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.8 15.8 23.8

Manual Integrations

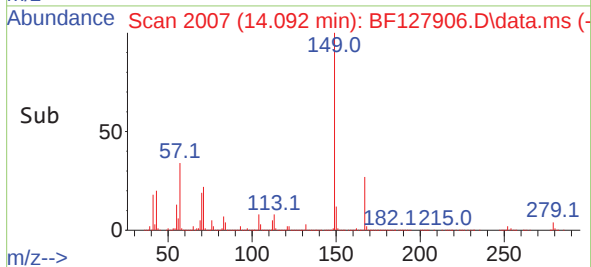
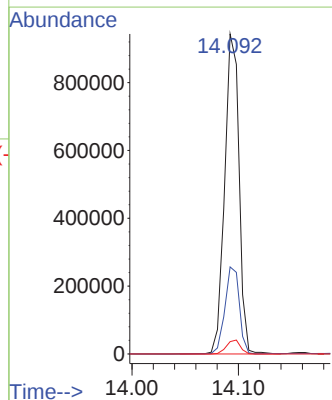
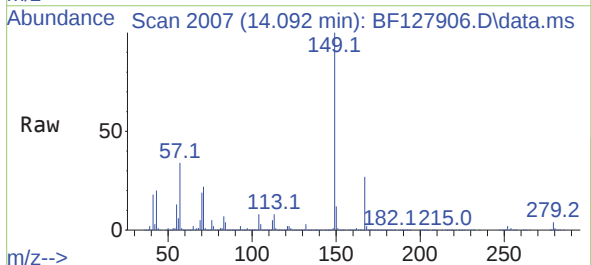
APPROVED

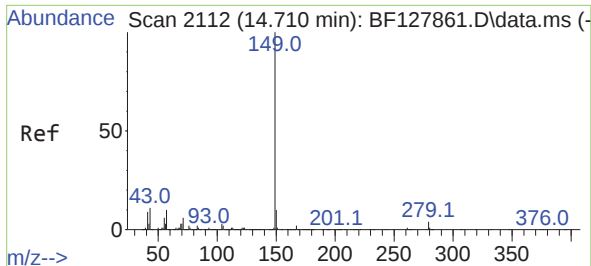
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.852 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

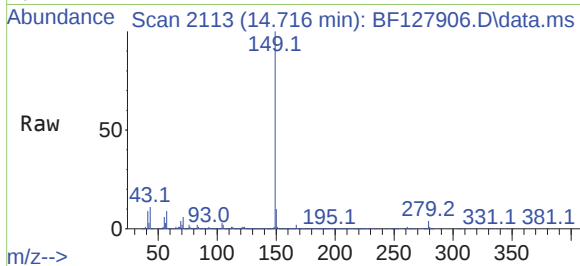
Tgt Ion:149 Resp: 883394
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 3.8 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 51.411 ng
RT: 14.716 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

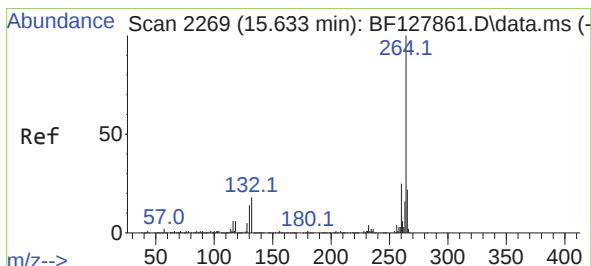
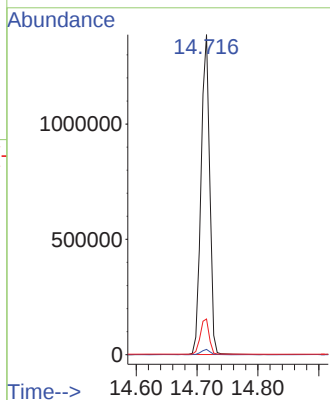
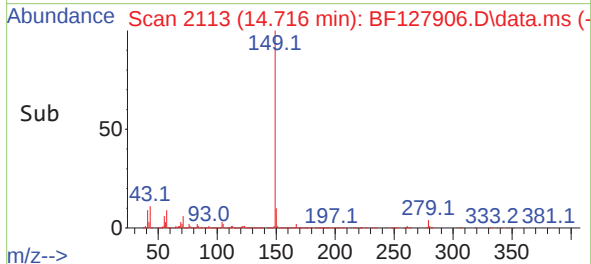
Instrument :
BNA_F
ClientSampleId :
PB144358BS



Tgt Ion:149 Resp: 1357358
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.3 8.9 13.3

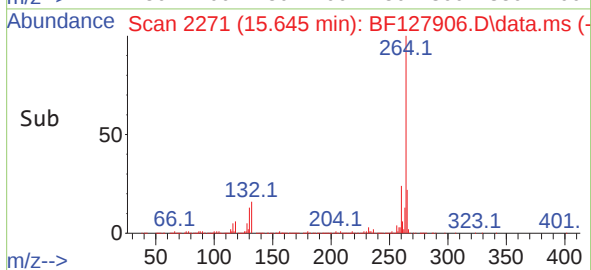
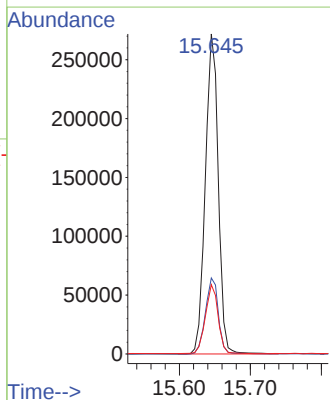
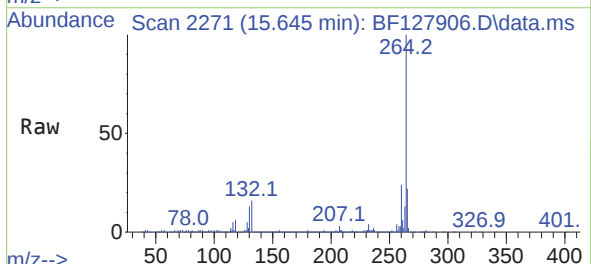
Manual Integrations
APPROVED

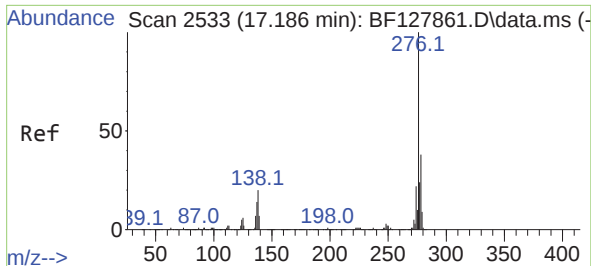
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:264 Resp: 344855
Ion Ratio Lower Upper
264 100
260 23.7 20.1 30.1
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.358 ng
RT: 17.204 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

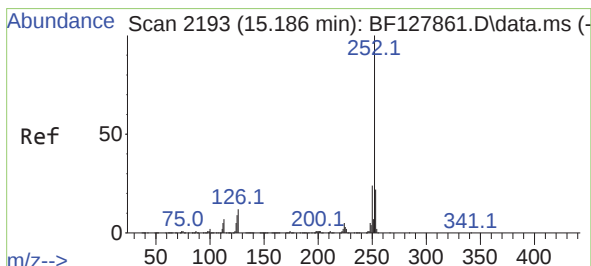
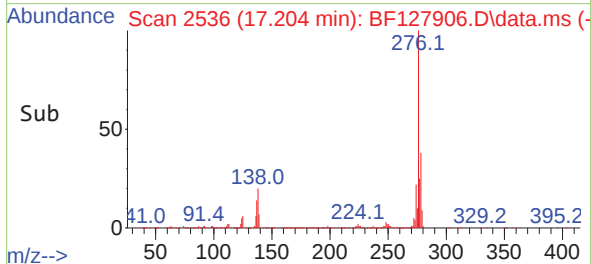
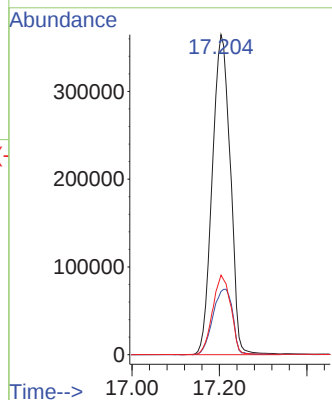
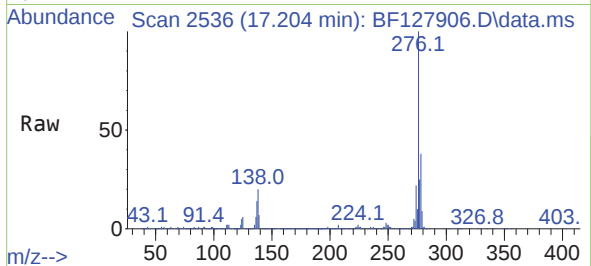
PB144358BS

Tgt Ion:276 Resp: 104406
Ion Ratio Lower Upper
276 100
138 22.6 19.0 28.4
277 25.2 20.1 30.1

Manual Integrations

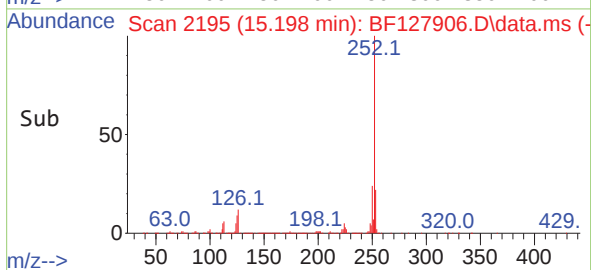
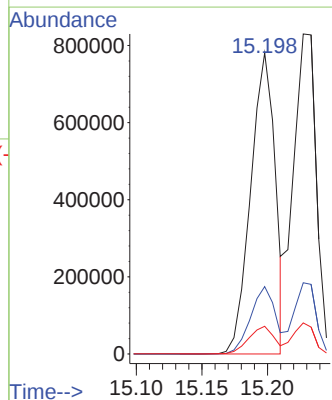
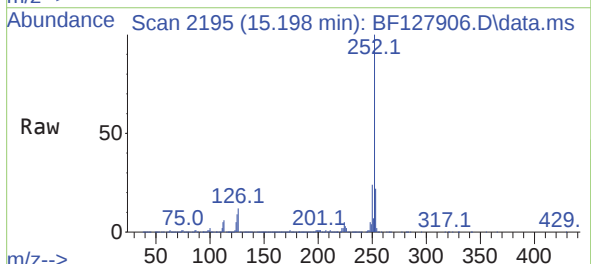
APPROVED

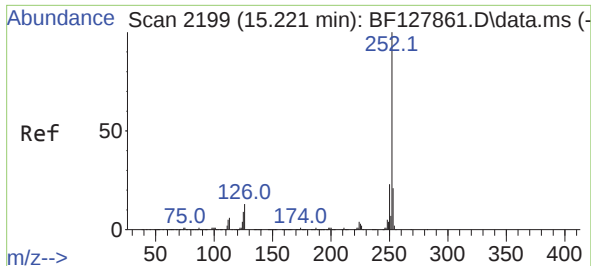
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022



#88
Benzo(b)fluoranthene
Concen: 46.933 ng
RT: 15.198 min Scan# 2195
Delta R.T. 0.012 min
Lab File: BF127906.D
Acq: 26 Apr 2022 11:18

Tgt Ion:252 Resp: 1016561
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.164 ng

RT: 15.227 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

Tgt Ion:252 Resp: 1007390

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

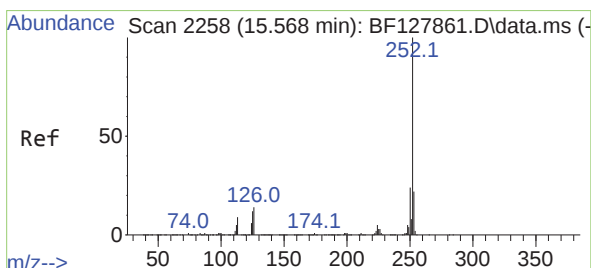
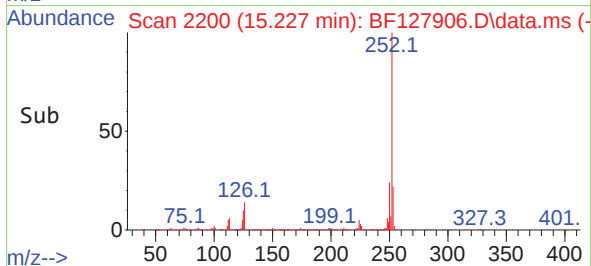
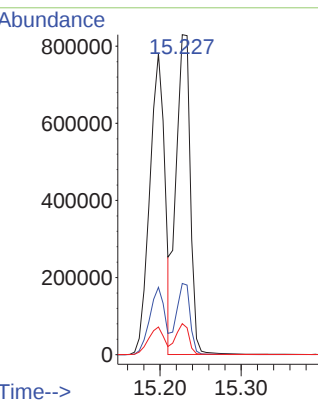
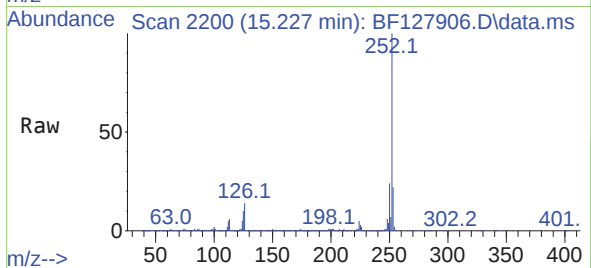
125 9.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#90

Benzo(a)pyrene

Concen: 53.882 ng

RT: 15.586 min Scan# 2261

Delta R.T. 0.018 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

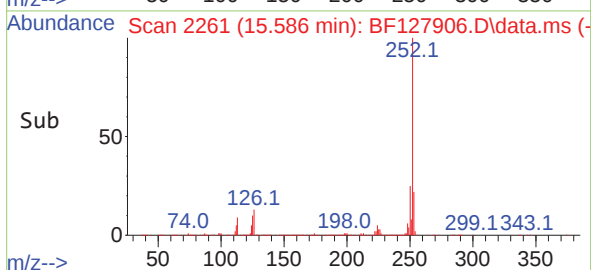
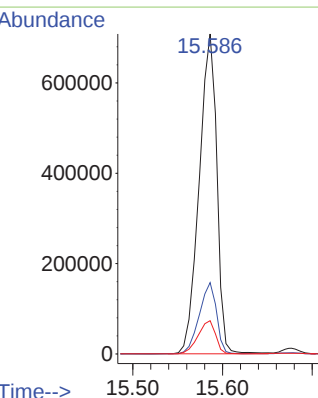
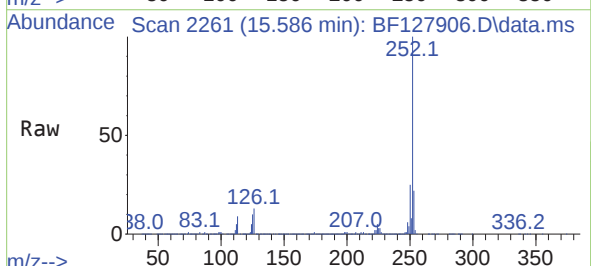
Tgt Ion:252 Resp: 968090

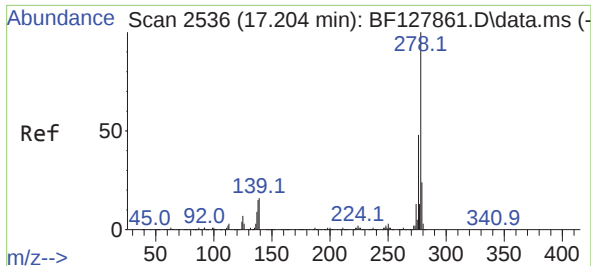
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 48.470 ng

RT: 17.227 min Scan# 2540

Delta R.T. 0.024 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB144358BS

Tgt Ion:278 Resp: 89478

Ion Ratio Lower Upper

278 100

139 14.2 12.6 19.0

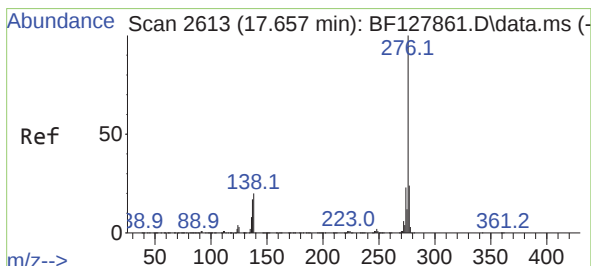
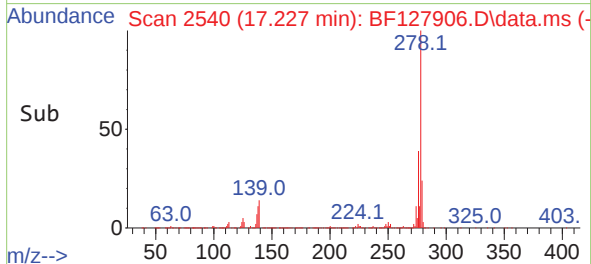
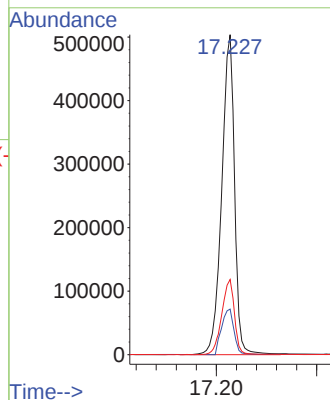
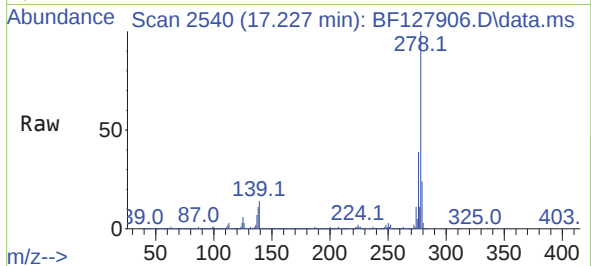
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2022

Supervised By :Jagrut Upadhyay 04/27/2022



#92

Benzo(g,h,i)perylene

Concen: 46.783 ng

RT: 17.680 min Scan# 2617

Delta R.T. 0.024 min

Lab File: BF127906.D

Acq: 26 Apr 2022 11:18

Tgt Ion:276 Resp: 910148

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.3 16.2 24.2

