

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127598.D
 Acq On : 31 Mar 2022 12:03
 Operator : CG\JU
 Sample : PB143744BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143744BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/01/2022
 Supervised By : Jagrut Upadhyay 04/01/2022

Quant Time: Apr 01 05:33:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	128501	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	485984	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	274621	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	458720	20.000	ng	0.00
76) Chrysene-d12	14.021	240	305369	20.000	ng	0.00
86) Perylene-d12	15.498	264	219743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	879587	109.261	ng	0.02
7) Phenol-d6	6.487	99	1177765	107.029	ng	0.00
23) Nitrobenzene-d5	7.410	82	831295	73.118	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	287804	98.381	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1353284	71.958	ng	0.00
79) Terphenyl-d14	12.951	244	1382246	74.099	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	132800	37.559	ng	95
3) Pyridine	3.475	79	296378	29.699	ng	99
4) n-Nitrosodimethylamine	3.434	42	219505	40.061	ng	98
6) Aniline	6.504	93	420310	32.007	ng	# 56
8) 2-Chlorophenol	6.628	128	346787	42.154	ng	97
9) Benzaldehyde	6.392	77	220705	38.979	ng	96
10) Phenol	6.498	94	451937	37.712	ng	# 73
11) bis(2-Chloroethyl)ether	6.575	93	380915	43.439	ng	97
12) 1,3-Dichlorobenzene	6.775	146	350617	37.893	ng	96
13) 1,4-Dichlorobenzene	6.851	146	356005	38.250	ng	98
14) 1,2-Dichlorobenzene	7.004	146	333511	36.791	ng	100
15) Benzyl Alcohol	6.987	79	343789	42.989	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.110	45	637133	40.377	ng	75
17) 2-Methylphenol	7.104	107	281763	40.584	ng	# 89
18) Hexachloroethane	7.339	117	137367	40.314	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	271256	41.124	ng	99
20) 3+4-Methylphenols	7.257	107	339237	39.615	ng	# 80
22) Acetophenone	7.251	105	470749	37.894	ng	99
24) Nitrobenzene	7.428	77	426266	39.314	ng	99
25) Isophorone	7.663	82	801443	44.259	ng	99
26) 2-Nitrophenol	7.739	139	183185	40.284	ng	97
27) 2,4-Dimethylphenol	7.781	122	309926	45.309	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	479527	40.766	ng	99
29) 2,4-Dichlorophenol	7.986	162	300995	38.761	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	333780	36.887	ng	98
31) Naphthalene	8.139	128	984972	38.175	ng	98
32) Benzoic acid	7.945	122	156877m	40.924	ng	
33) 4-Chloroaniline	8.198	127	224091	22.413	ng	98
34) Hexachlorobutadiene	8.245	225	207209	36.061	ng	98
35) Caprolactam	8.592	113	91052m	38.034	ng	
36) 4-Chloro-3-methylphenol	8.692	107	326402	38.741	ng	99
37) 2-Methylnaphthalene	8.834	142	645653	38.917	ng	100
38) 1-Methylnaphthalene	8.933	142	608198	37.073	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	327553	37.513	ng	98
41) Hexachlorocyclopentadiene	8.975	237	200775	70.861	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	198758	37.657	ng	97

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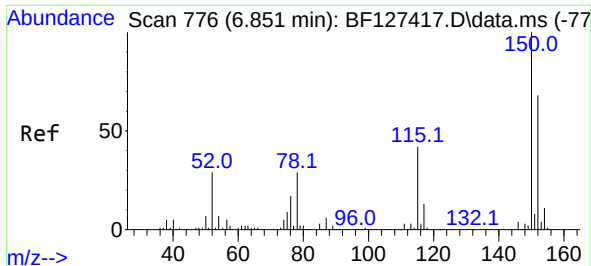
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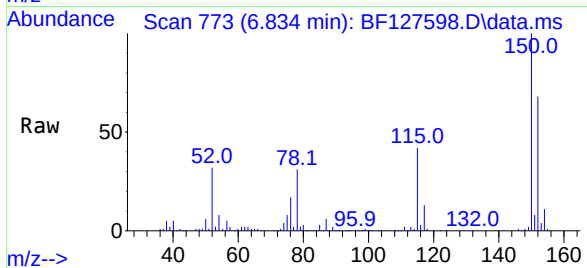
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	202643	37.297	ng	96
46) 1,1'-Biphenyl	9.298	154	779158	37.566	ng	99
47) 2-Chloronaphthalene	9.328	162	612828	37.521	ng	100
48) 2-Nitroaniline	9.433	65	233505	37.303	ng	97
49) Acenaphthylene	9.739	152	942492	38.170	ng	100
50) Dimethylphthalate	9.604	163	720808	37.729	ng	100
51) 2,6-Dinitrotoluene	9.675	165	153021	38.156	ng	98
52) Acenaphthene	9.910	154	546684	37.947	ng	99
53) 3-Nitroaniline	9.851	138	116778	26.546	ng	96
54) 2,4-Dinitrophenol	9.963	184	130243	66.051	ng	# 88
55) Dibenzofuran	10.086	168	765045	36.152	ng	99
56) 4-Nitrophenol	10.033	139	138865	62.021	ng	92
57) 2,4-Dinitrotoluene	10.086	165	181774	35.214	ng	95
58) Fluorene	10.428	166	634177	37.599	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	171092	35.617	ng	96
60) Diethylphthalate	10.298	149	645148	36.972	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	337983	34.229	ng	99
62) 4-Nitroaniline	10.475	138	142235	34.518	ng	94
63) Azobenzene	10.575	77	743623	36.116	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	100275	35.526	ng	97
66) n-Nitrosodiphenylamine	10.539	169	545463	39.063	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	207099	38.669	ng	94
68) Hexachlorobenzene	10.975	284	225024	38.492	ng	99
69) Atrazine	11.069	200	200438	43.118	ng	98
70) Pentachlorophenol	11.180	266	158313	70.970	ng	97
71) Phenanthrene	11.392	178	893133	37.346	ng	100
72) Anthracene	11.451	178	905273	38.145	ng	99
73) Carbazole	11.610	167	804572	35.450	ng	99
74) Di-n-butylphthalate	11.922	149	973976	41.459	ng	99
75) Fluoranthene	12.586	202	964646	36.673	ng	98
77) Benzidine	12.710	184	280091	38.468	ng	98
78) Pyrene	12.816	202	969155	36.980	ng	100
80) Butylbenzylphthalate	13.421	149	372179	43.149	ng	96
81) Benzo(a)anthracene	14.010	228	758039	37.120	ng	98
82) 3,3'-Dichlorobenzidine	13.968	252	181922	30.311	ng	# 98
83) Chrysene	14.045	228	719764	37.220	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	469207	47.058	ng	98
85) Di-n-octyl phthalate	14.586	149	737064	55.551	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	515458	34.666	ng	97
88) Benzo(b)fluoranthene	15.063	252	592478	42.762	ng	98
89) Benzo(k)fluoranthene	15.092	252	575413	40.061	ng	98
90) Benzo(a)pyrene	15.439	252	538564	47.364	ng	# 97
91) Dibenzo(a,h)anthracene	17.009	278	459281	37.413	ng	96
92) Benzo(g,h,i)perylene	17.462	276	457875	36.085	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

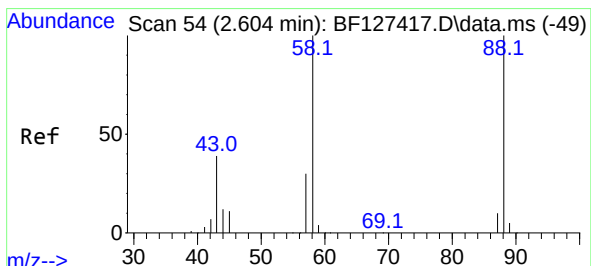
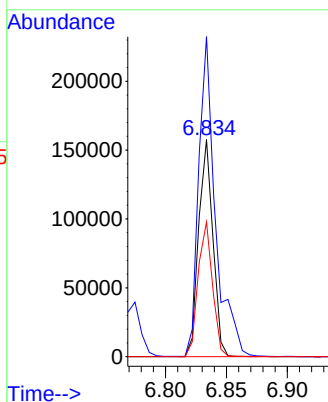
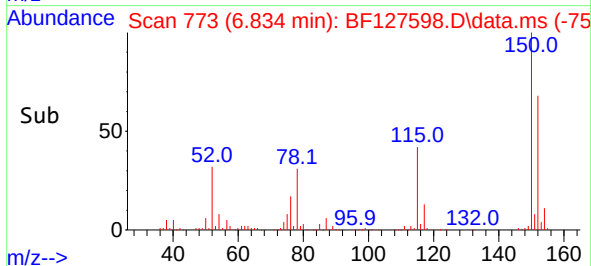
Instrument :
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ClientSampleId :
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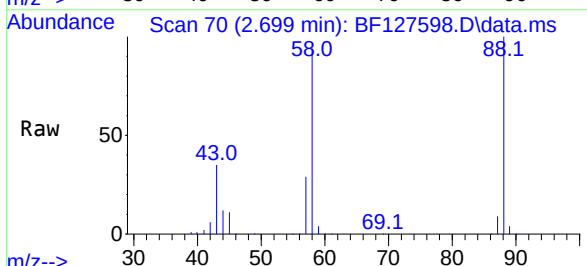
Tgt Ion:152 Resp: 12850
Ion Ratio Lower Upper
152 100
150 147.4 117.2 175.8
115 62.0 49.8 74.6

Manual Integrations
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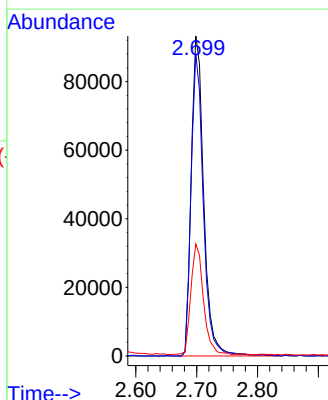
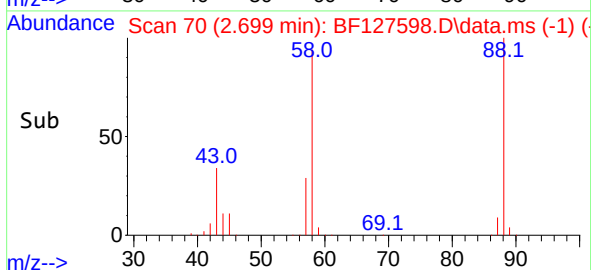
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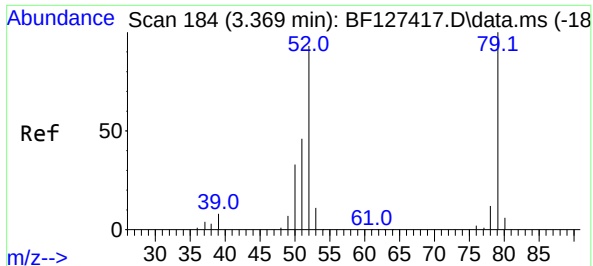


#2
1,4-Dioxane
Concen: 37.559 ng
RT: 2.699 min Scan# 70
Delta R.T. 0.112 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



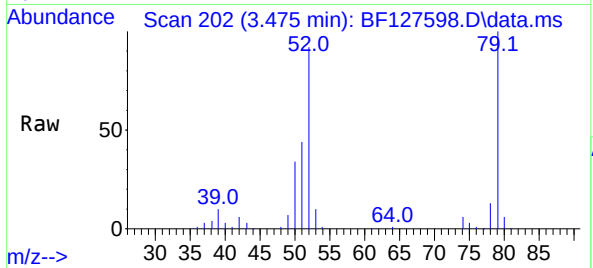
Tgt Ion: 88 Resp: 132800
Ion Ratio Lower Upper
88 100
58 93.0 77.0 115.4
43 34.4 31.3 46.9





#3
Pyridine
Concen: 29.699 ng
RT: 3.475 min Scan# 202
Delta R.T. 0.130 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

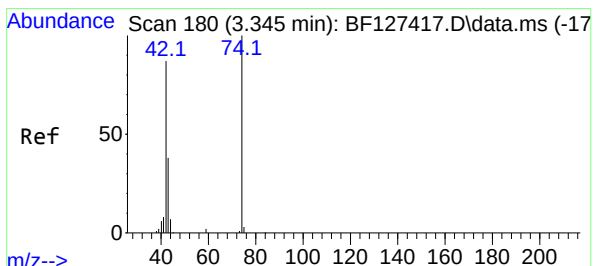
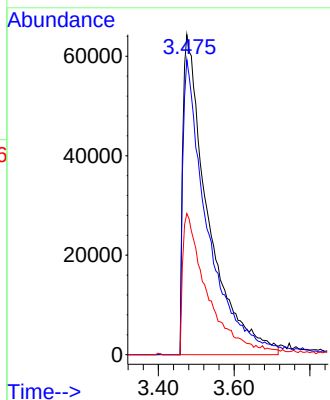
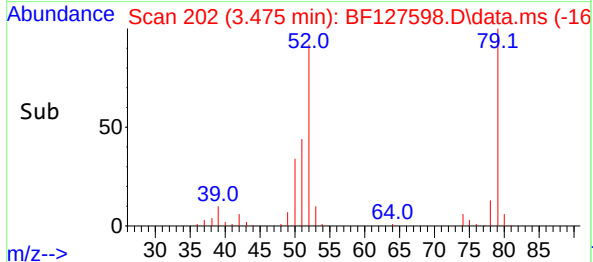
Instrument :
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ClientSampleId :
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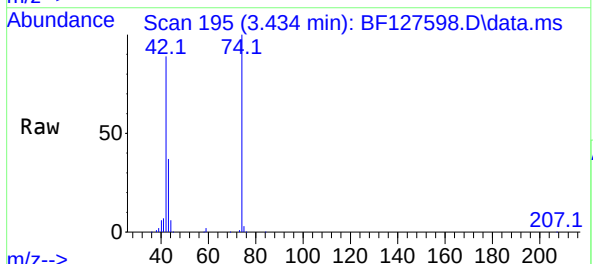
Tgt Ion: 79 Resp: 296378
Ion Ratio Lower Upper
79 100
52 92.1 74.2 111.4
51 44.1 36.7 55.1

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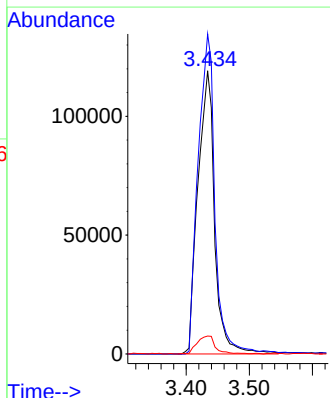
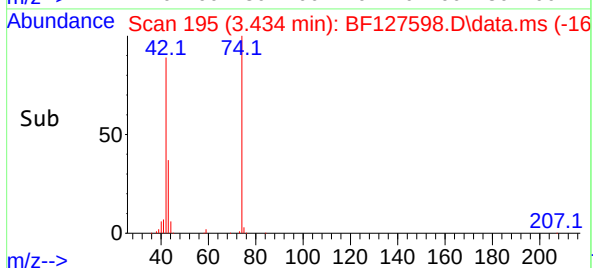
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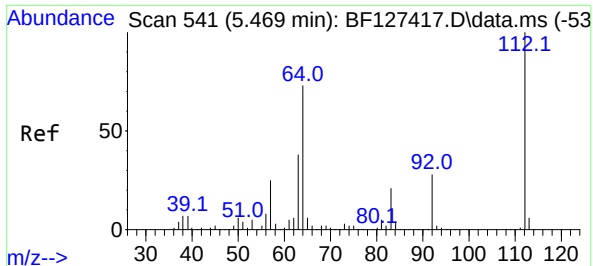


#4
n-Nitrosodimethylamine
Concen: 40.061 ng
RT: 3.434 min Scan# 195
Delta R.T. 0.106 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion: 42 Resp: 219505
Ion Ratio Lower Upper
42 100
74 113.0 92.4 138.6
44 6.3 6.0 9.0





#5
2-Fluorophenol
Concen: 109.261 ng
RT: 5.475 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

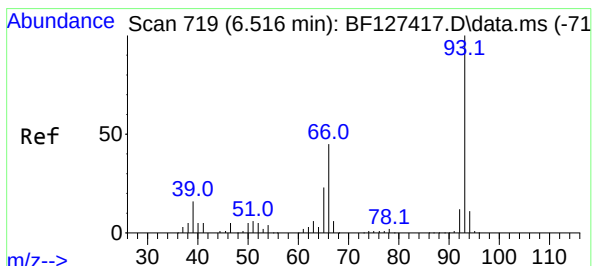
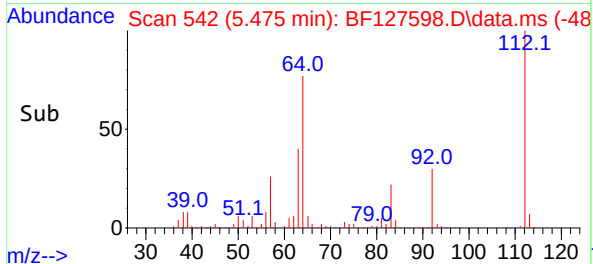
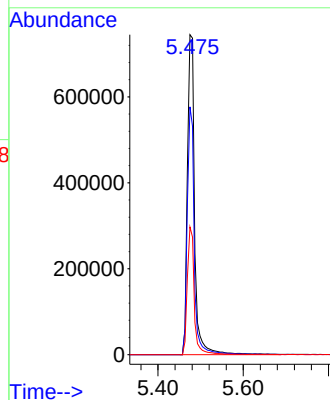
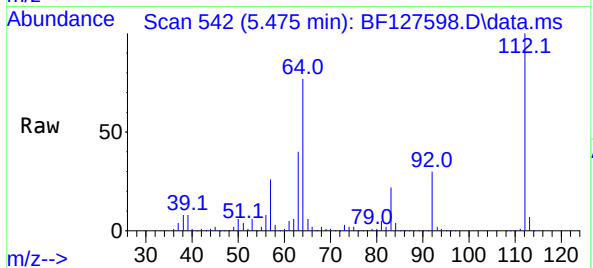
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Tgt Ion:112 Resp: 87958
Ion Ratio Lower Upper
112 100
64 77.5 58.4 87.6
63 39.9 30.1 45.1

Manual Integrations

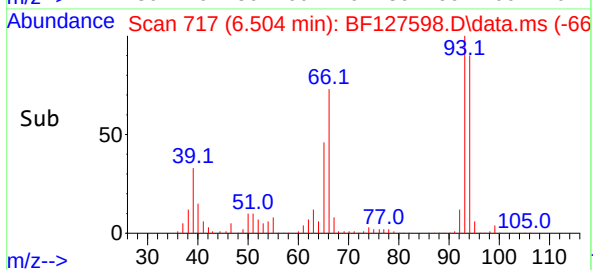
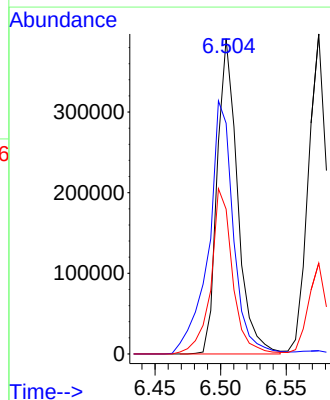
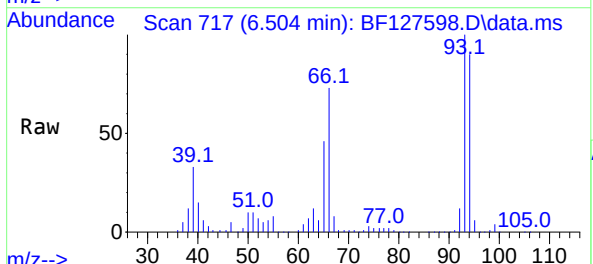
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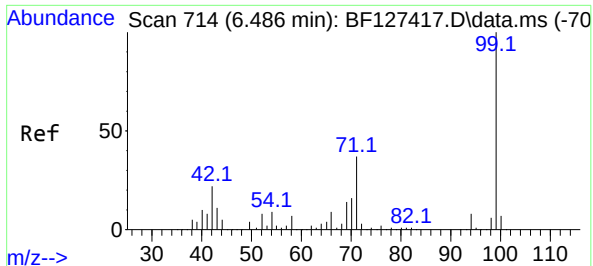
Reviewed By :Christian Giraldo 04/01/2022
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#6
Aniline
Concen: 32.007 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

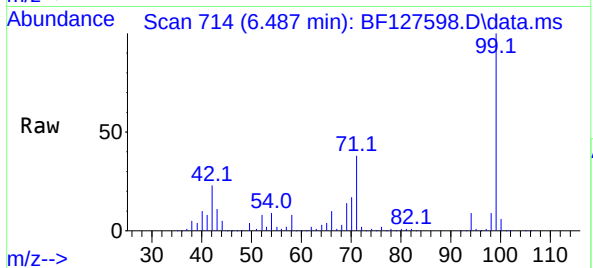
Tgt Ion: 93 Resp: 420310
Ion Ratio Lower Upper
93 100
66 73.2 36.2 54.4#
65 46.0 18.4 27.6#





#7
Phenol-d6
Concen: 107.029 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

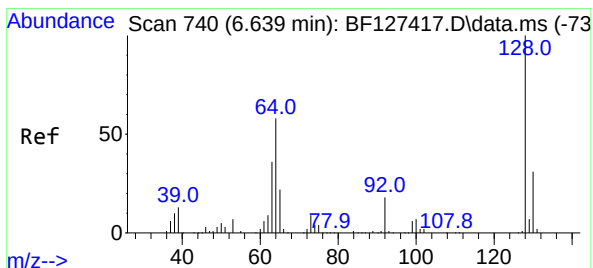
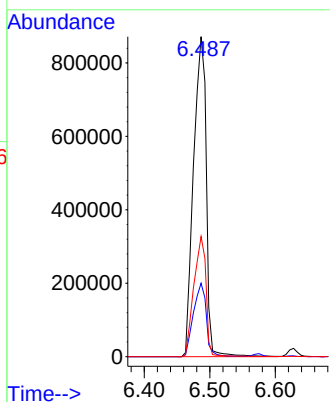
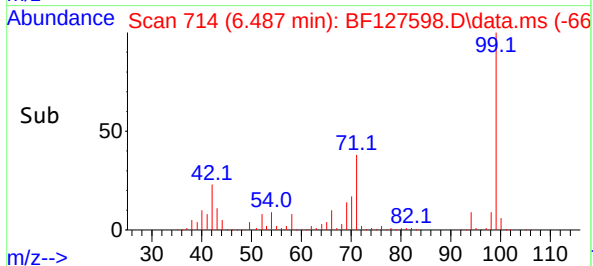
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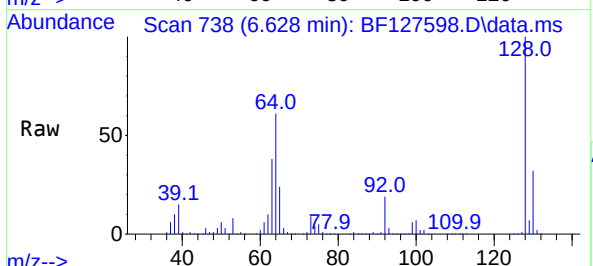
Tgt Ion: 99 Resp: 117776
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 37.5 29.6 44.4

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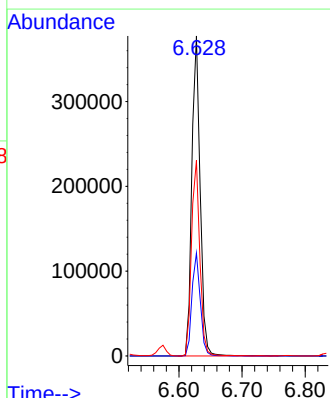
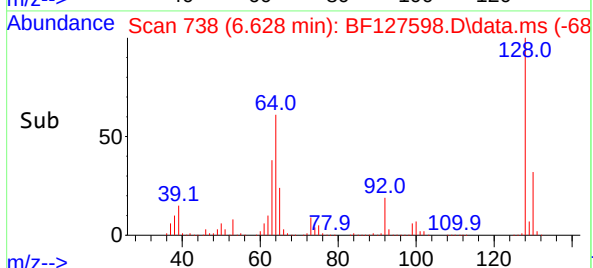
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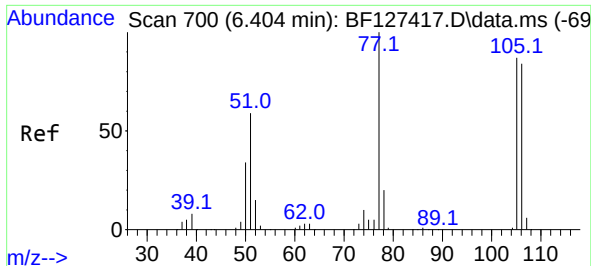


#8
2-Chlorophenol
Concen: 42.154 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:128 Resp: 346787
Ion Ratio Lower Upper
128 100
130 32.1 11.3 51.3
64 61.1 38.4 78.4





#9
Benzaldehyde
Concen: 38.979 ng
RT: 6.392 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

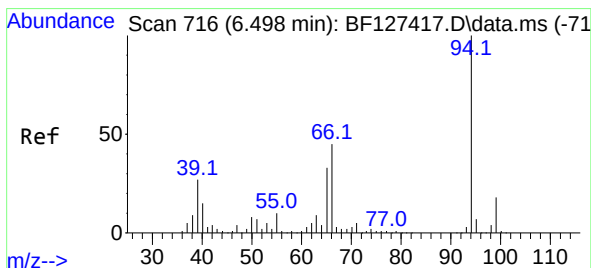
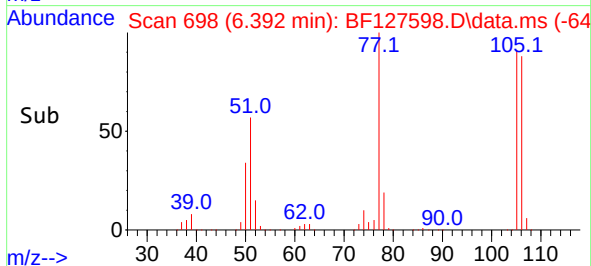
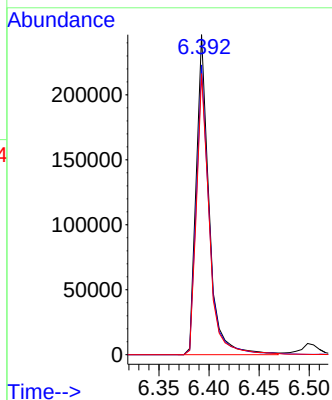
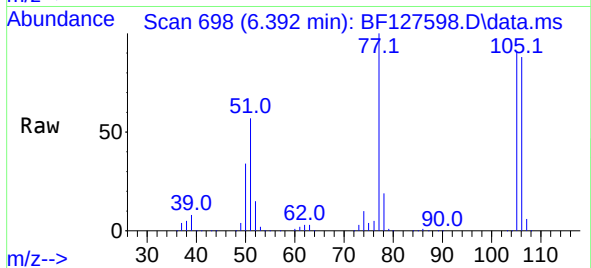
ClientSampleId :

PB143744BS

Tgt Ion: 77 Resp: 22070
Ion Ratio Lower Upper
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105 90.5 66.8 106.8
106 87.8 64.3 104.3

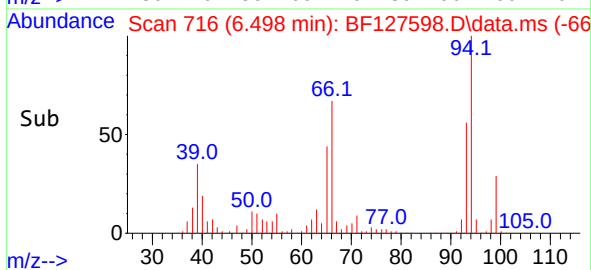
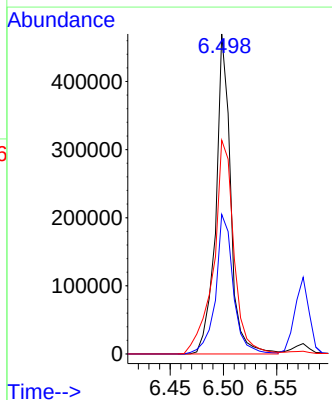
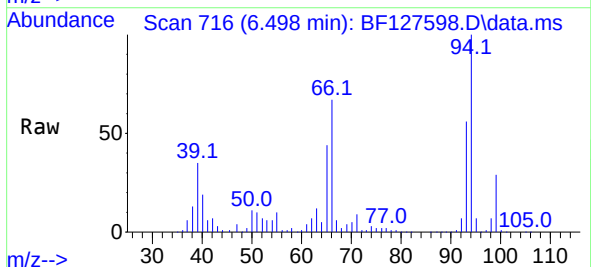
Manual Integrations
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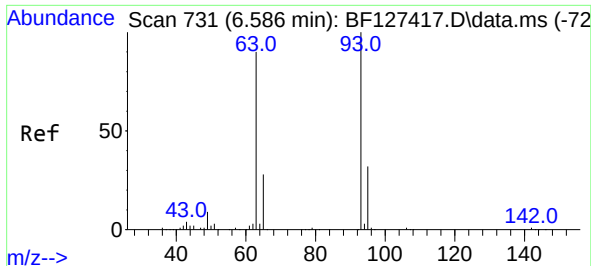
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#10
Phenol
Concen: 37.712 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion: 94 Resp: 451937
Ion Ratio Lower Upper
94 100
65 43.6 13.1 53.1
66 66.8 24.9 64.9





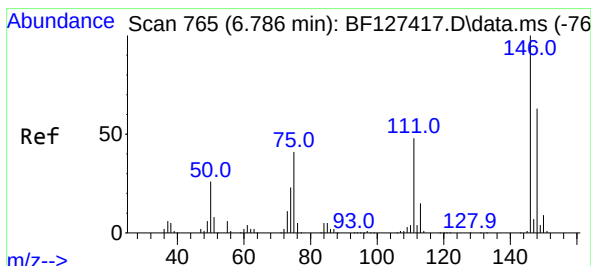
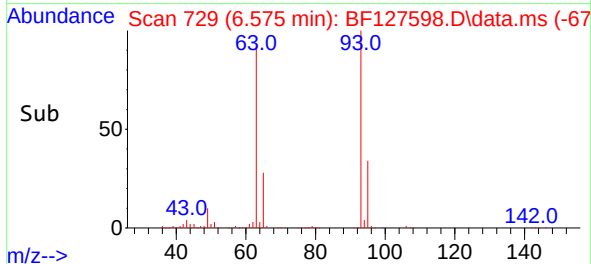
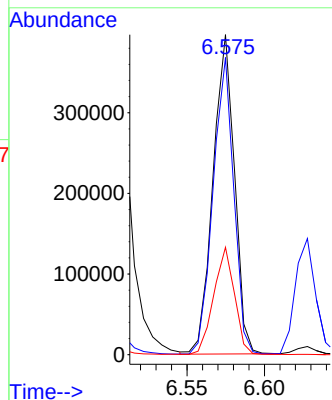
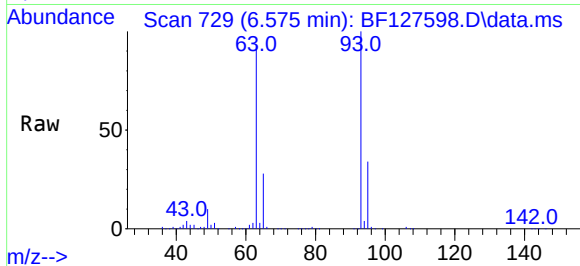
#11
bis(2-Chloroethyl)ether
Concen: 43.439 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB143744BS

Tgt Ion: 93 Resp: 380915
Ion Ratio Lower Upper
93 100
63 92.8 69.6 109.6
95 33.5 11.6 51.6

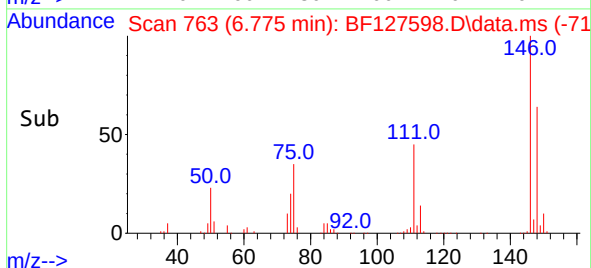
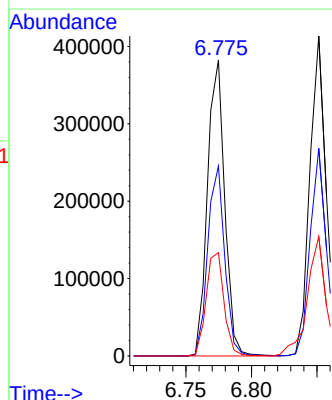
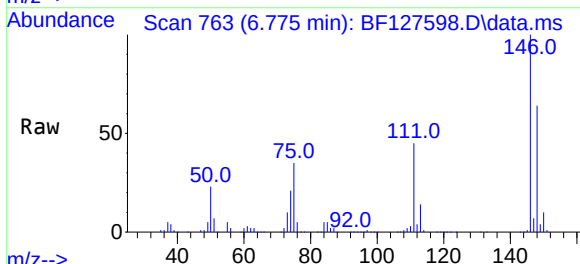
Manual Integrations
APPROVED

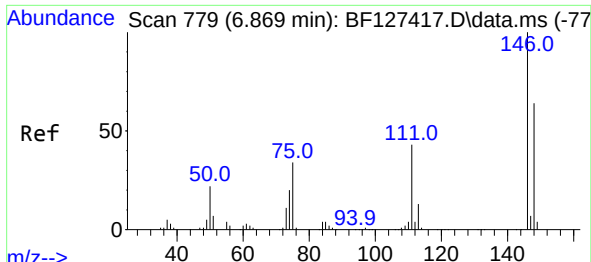
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#12
1,3-Dichlorobenzene
Concen: 37.893 ng
RT: 6.775 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

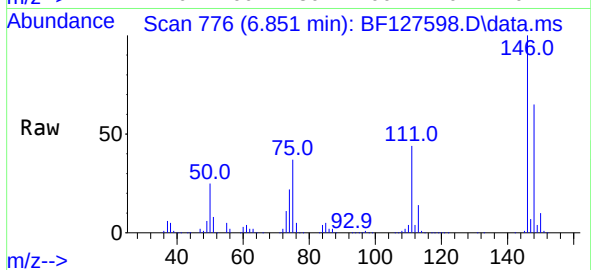
Tgt Ion:146 Resp: 350617
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
75 35.0 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 38.250 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

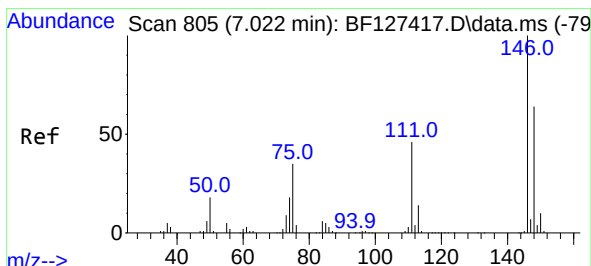
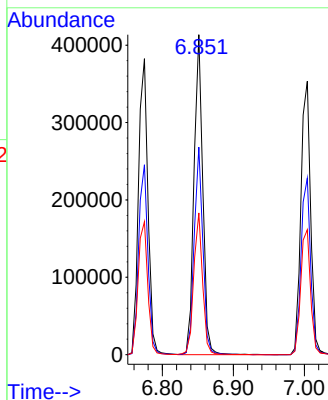
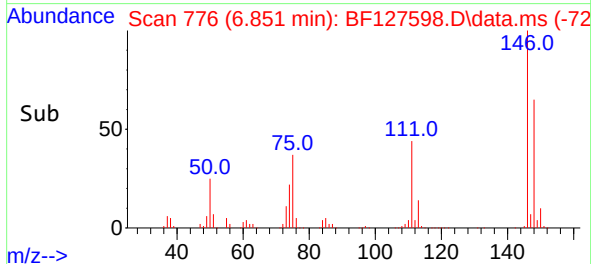
Instrument :
BNA_F
ClientSampleId :
PB143744BS



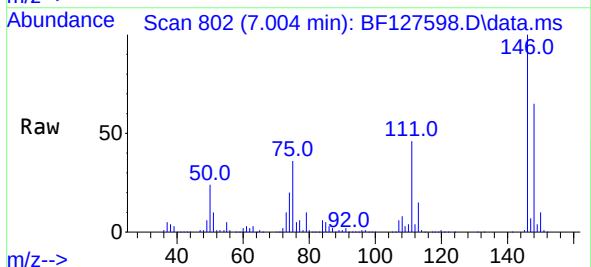
Tgt Ion:146 Resp: 35600
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
111 44.3 34.2 51.4

Manual Integrations
APPROVED

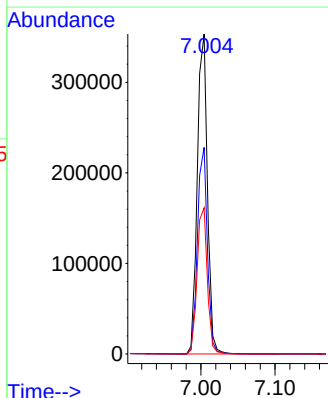
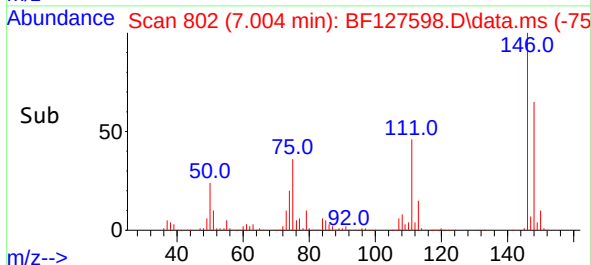
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

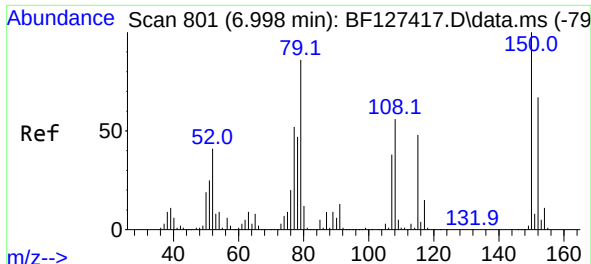


#14
1,2-Dichlorobenzene
Concen: 36.791 ng
RT: 7.004 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



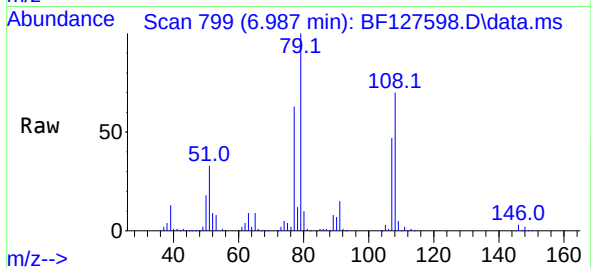
Tgt Ion:146 Resp: 333511
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 45.7 36.4 54.6





#15
Benzyl Alcohol
Concen: 42.989 ng
RT: 6.987 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

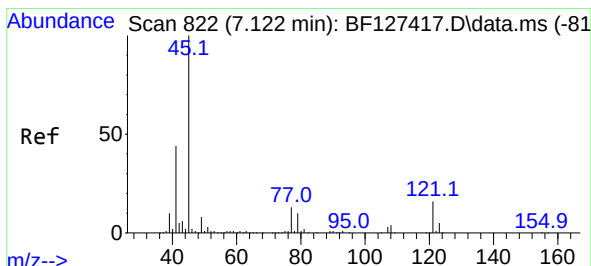
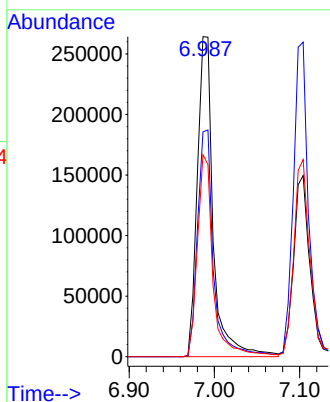
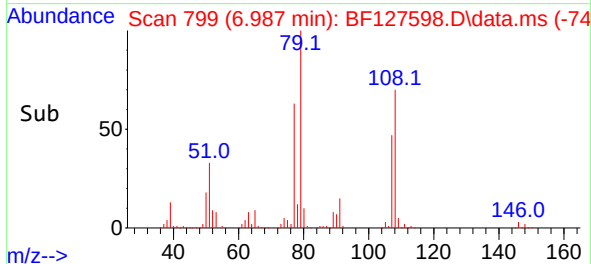
Instrument :
BNA_F
ClientSampleId :
PB143744BS



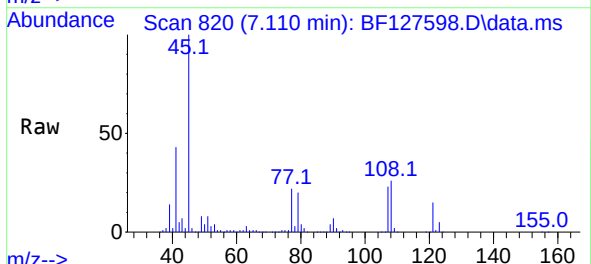
Tgt Ion: 79 Resp: 343789
Ion Ratio Lower Upper
79 100
108 70.2 52.2 78.2
77 63.1 48.3 72.5

Manual Integrations
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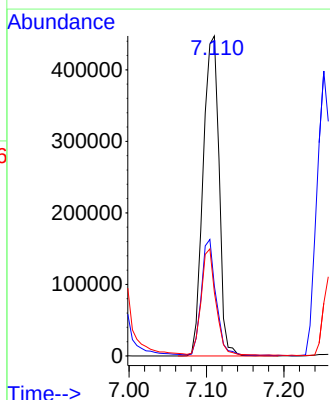
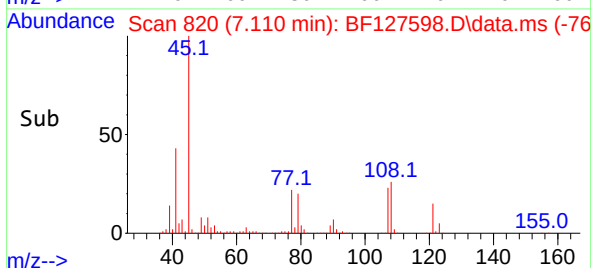
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

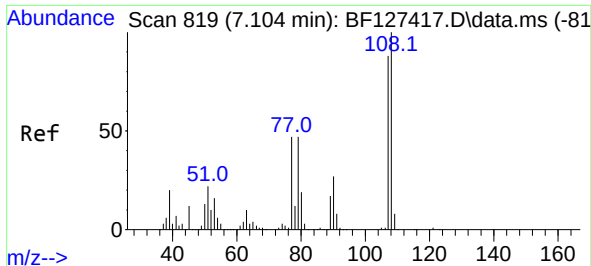


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.377 ng
RT: 7.110 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



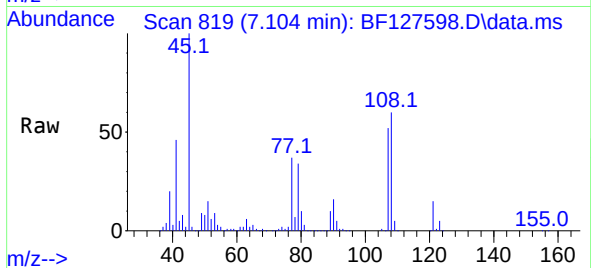
Tgt Ion: 45 Resp: 637133
Ion Ratio Lower Upper
45 100
77 21.9 0.0 32.9
79 19.9 0.0 29.9





#17
2-Methylphenol
Concen: 40.584 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.012 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

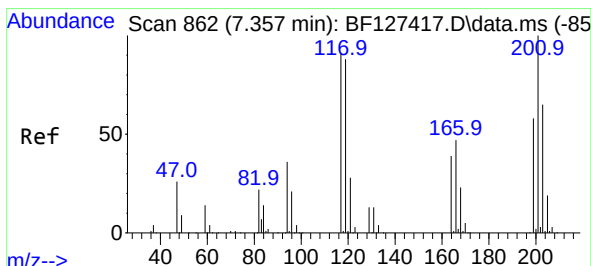
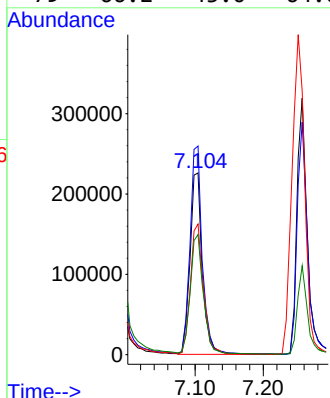
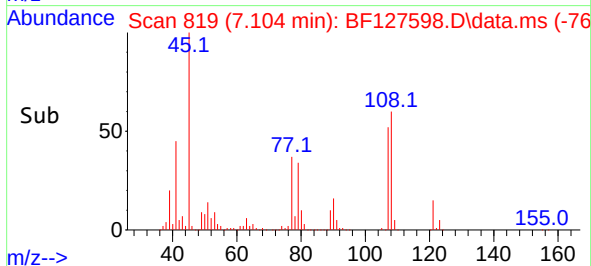
Instrument :
BNA_F
ClientSampleId :
PB143744BS



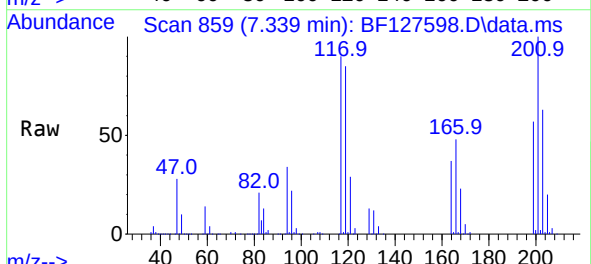
Tgt Ion:107 Resp: 28176
Ion Ratio Lower Upper
107 100
108 114.9 90.7 136.1
77 72.0 42.9 64.3
79 66.2 43.0 64.6

Manual Integrations
APPROVED

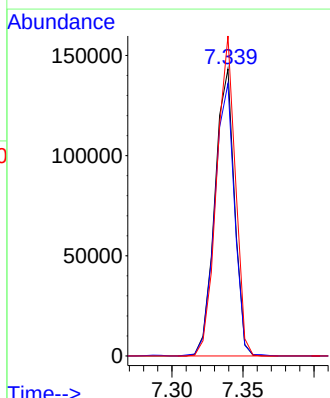
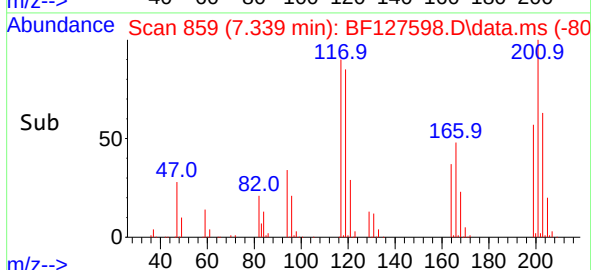
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

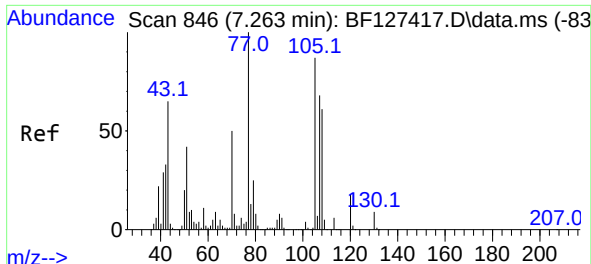


#18
Hexachloroethane
Concen: 40.314 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:117 Resp: 137367
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4
201 111.5 88.2 132.2





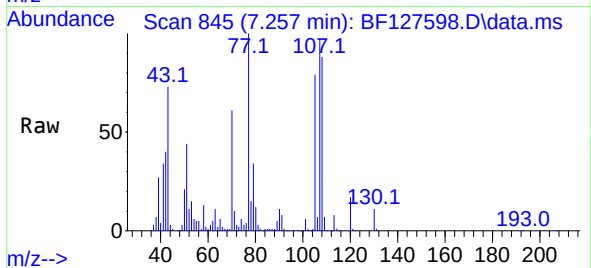
#19
n-Nitroso-di-n-propylamine
Concen: 41.124 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

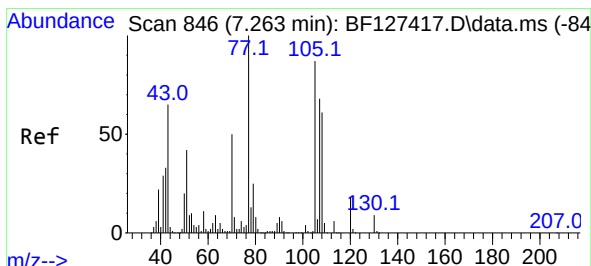
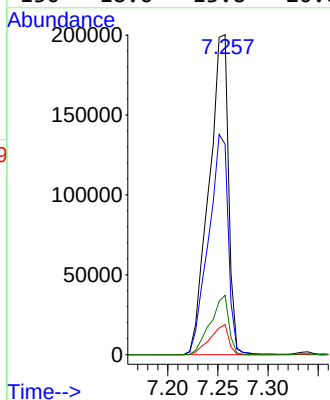
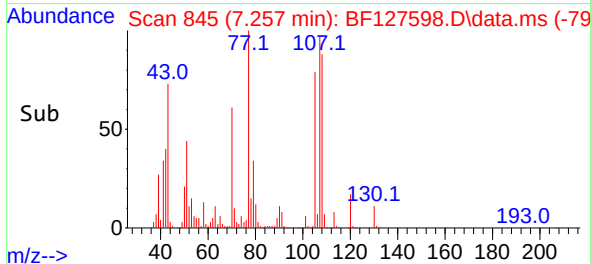


Tgt Ion: 70 Resp: 271250
Ion Ratio Lower Upper
70 100
42 65.7 53.0 79.6
101 9.4 6.8 10.2
130 18.6 13.8 20.6

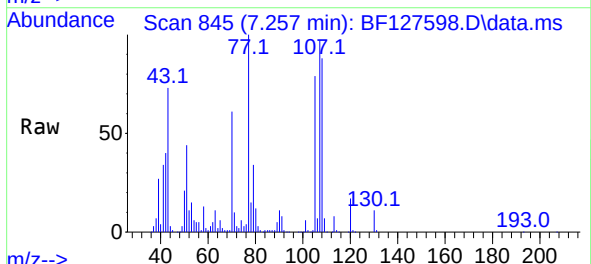
Manual Integrations

APPROVED

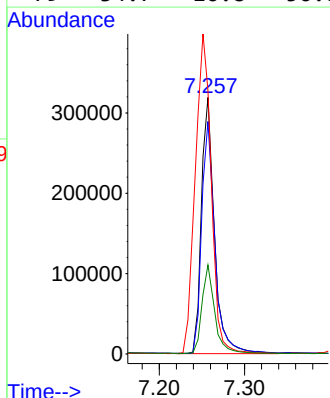
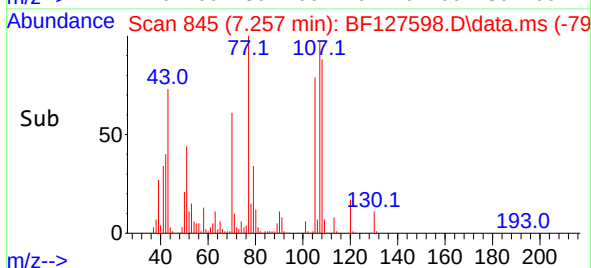
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

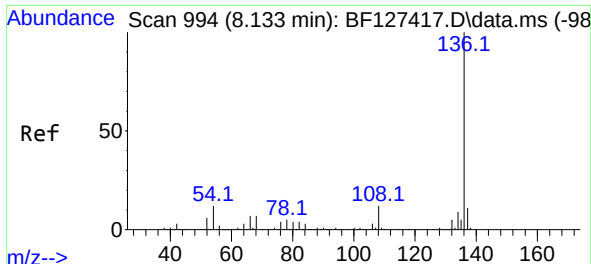


#20
3+4-Methylphenols
Concen: 39.615 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:107 Resp: 339237
Ion Ratio Lower Upper
107 100
108 90.6 70.7 110.7
77 102.7 127.9 167.9#
79 34.7 16.8 56.8





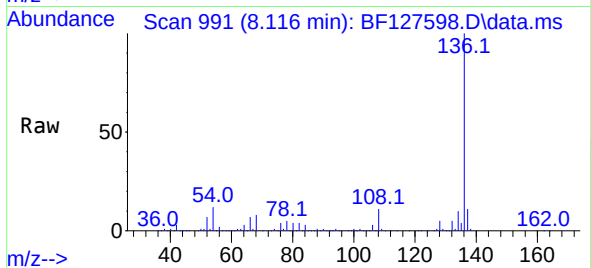
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

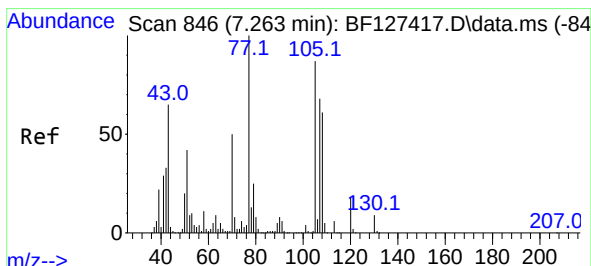
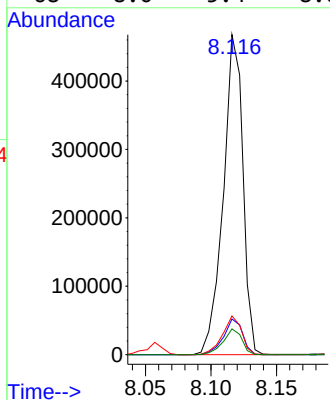
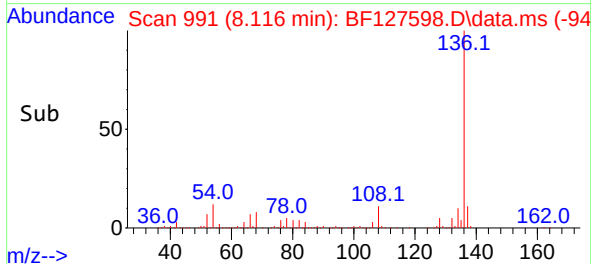


Tgt Ion:136 Resp: 485984
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.1 9.2 13.8
68 8.0 5.4 8.0

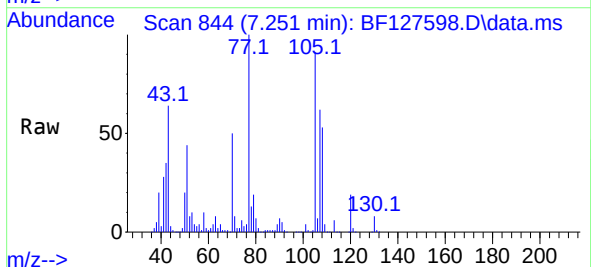
Manual Integrations

APPROVED

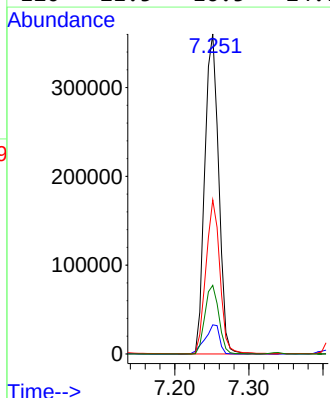
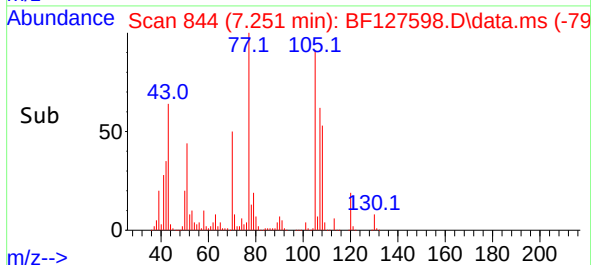
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

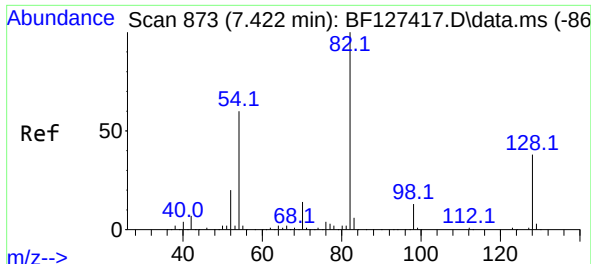


#22
Acetophenone
Concen: 37.894 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:105 Resp: 470749
Ion Ratio Lower Upper
105 100
71 9.1 7.3 10.9
51 48.1 38.8 58.2
120 21.5 16.5 24.7





#23

Nitrobenzene-d5

Concen: 73.118 ng

RT: 7.410 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

Tgt Ion: 82 Resp: 83129

Ion Ratio Lower Upper

82 100

128 38.2 30.6 45.8

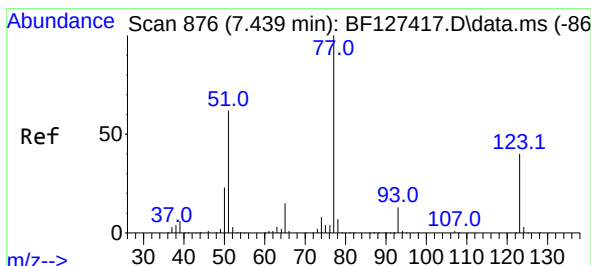
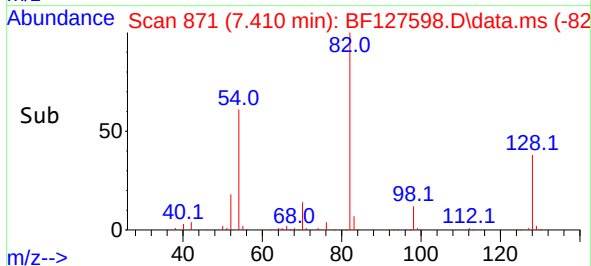
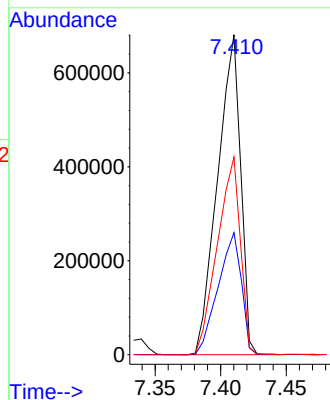
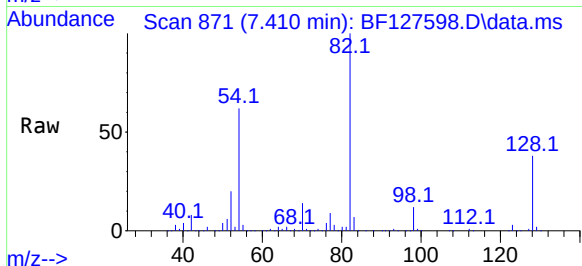
54 61.8 48.2 72.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/01/2022

Supervised By :Jagrut Upadhyay 04/01/2022



#24

Nitrobenzene

Concen: 39.314 ng

RT: 7.428 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

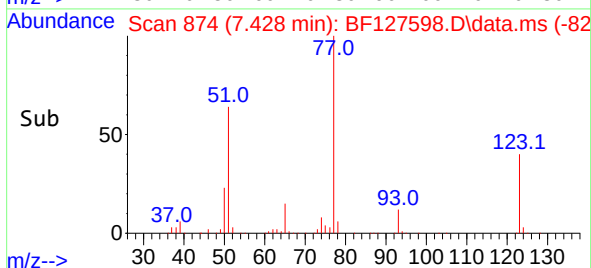
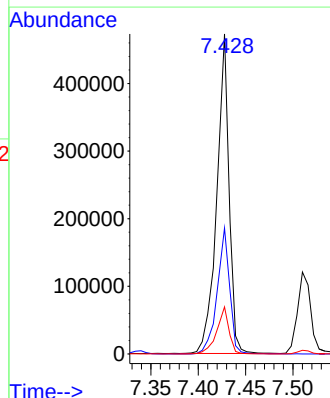
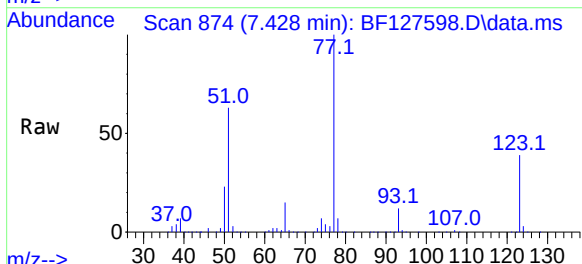
Tgt Ion: 77 Resp: 426266

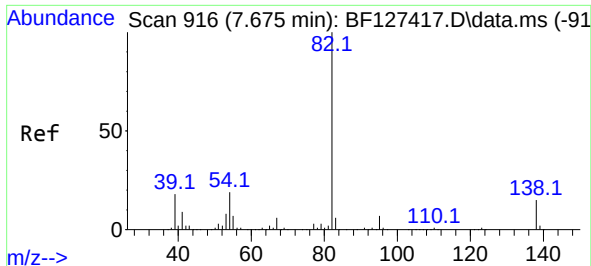
Ion Ratio Lower Upper

77 100

123 39.4 32.0 48.0

65 14.7 12.2 18.2





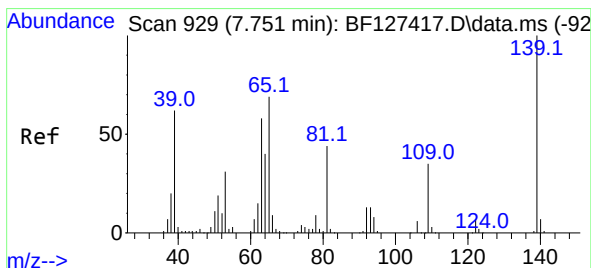
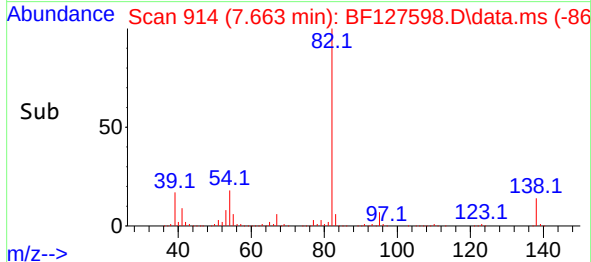
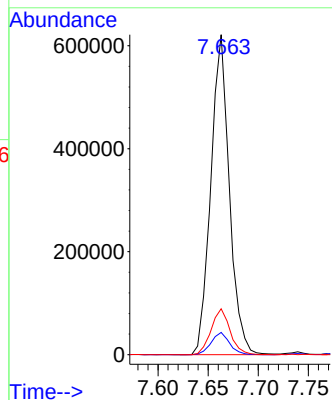
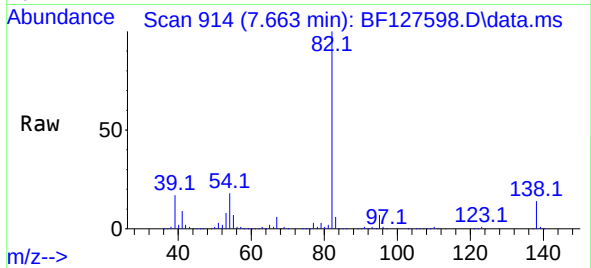
#25
Isophorone
Concen: 44.259 ng
RT: 7.663 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB143744BS

Tgt Ion: 82 Resp: 80144
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 14.3 11.6 17.4

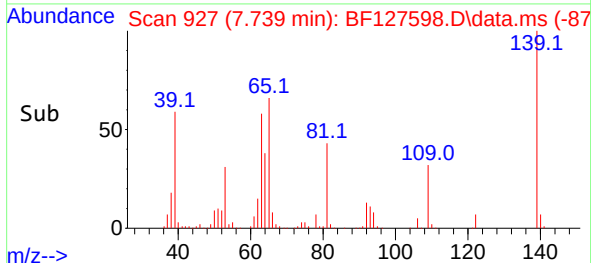
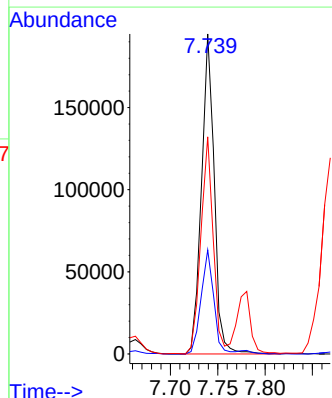
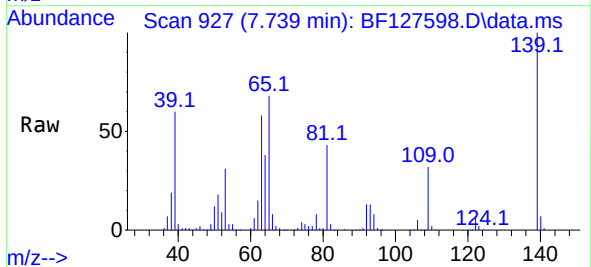
Manual Integrations
APPROVED

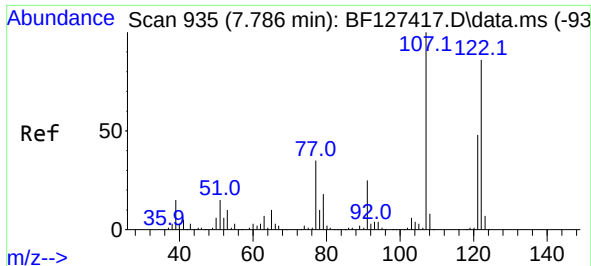
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#26
2-Nitrophenol
Concen: 40.284 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion:139 Resp: 183185
Ion Ratio Lower Upper
139 100
109 32.5 28.2 42.2
65 67.8 55.3 82.9





#27
2,4-Dimethylphenol
Concen: 45.309 ng
RT: 7.781 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

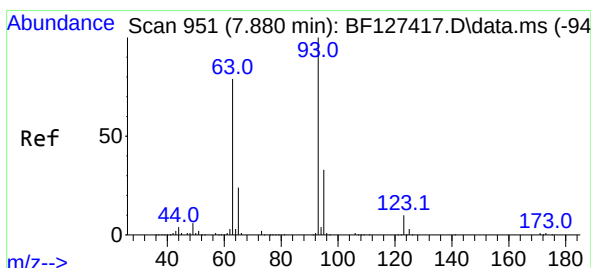
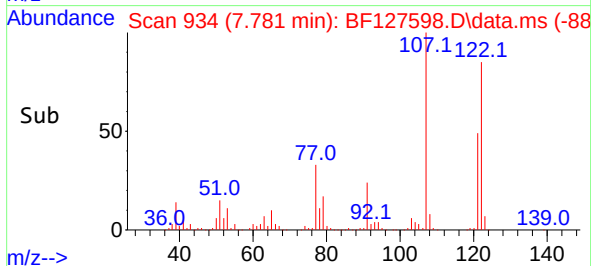
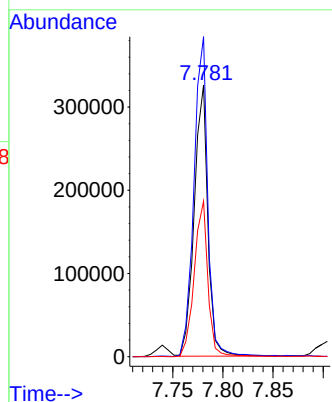
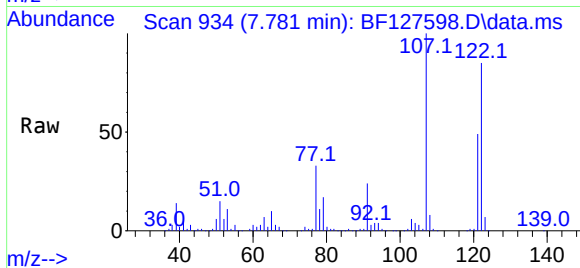
PB143744BS

Tgt Ion:122 Resp: 309920
Ion Ratio Lower Upper
122 100
107 117.8 93.0 139.4
121 57.2 44.9 67.3

Manual Integrations

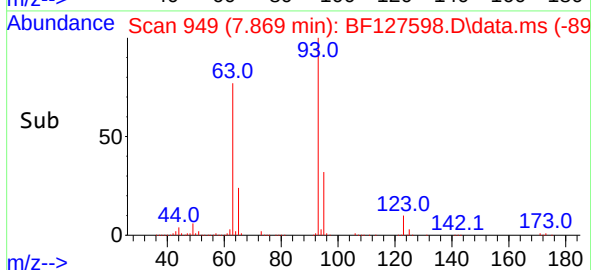
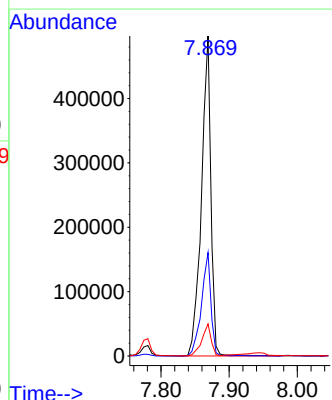
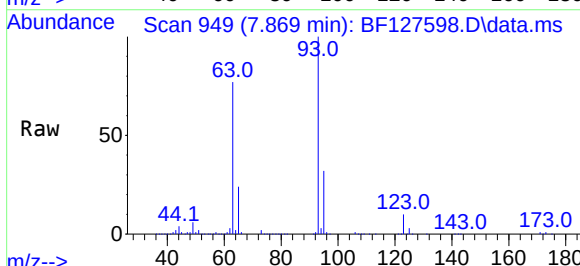
APPROVED

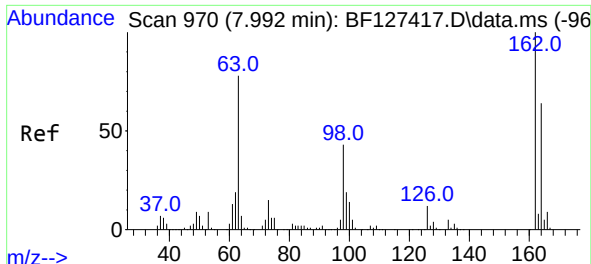
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.766 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion: 93 Resp: 479527
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 10.0 8.0 12.0





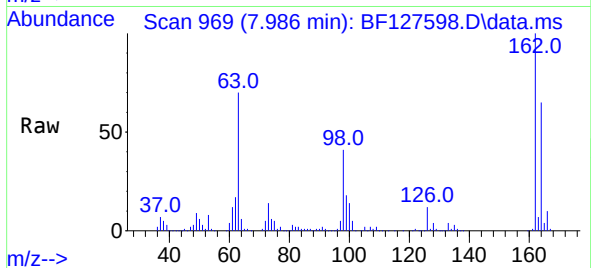
#29
2,4-Dichlorophenol
Concen: 38.761 ng
RT: 7.986 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

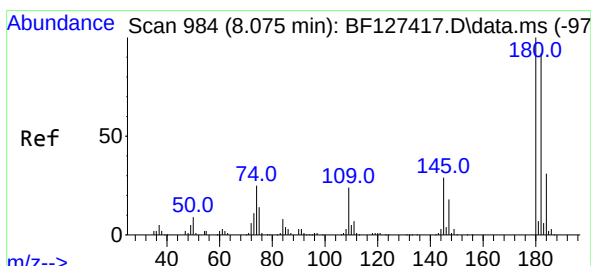
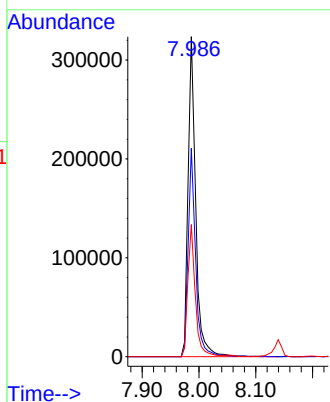
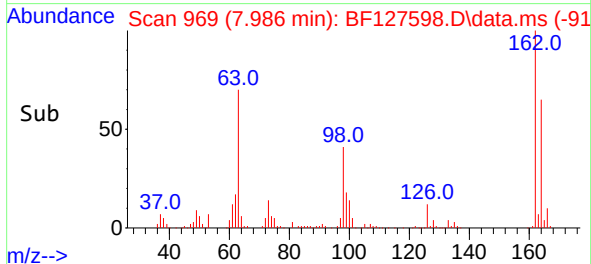


Tgt Ion:162 Resp: 30099
Ion Ratio Lower Upper
162 100
164 65.1 43.7 83.7
98 41.3 23.5 63.5

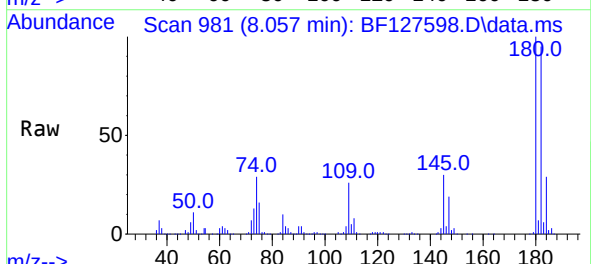
Manual Integrations

APPROVED

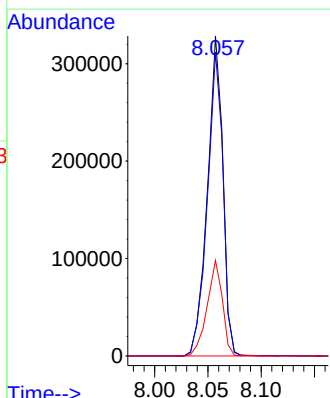
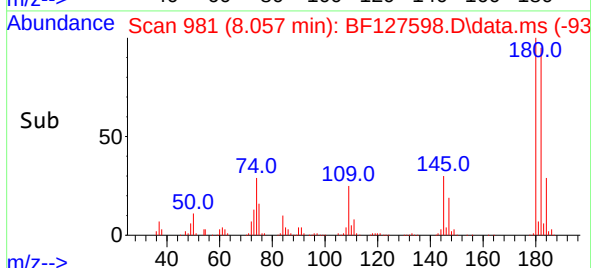
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

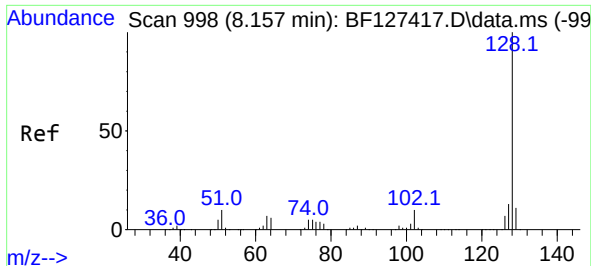


#30
1,2,4-Trichlorobenzene
Concen: 36.887 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



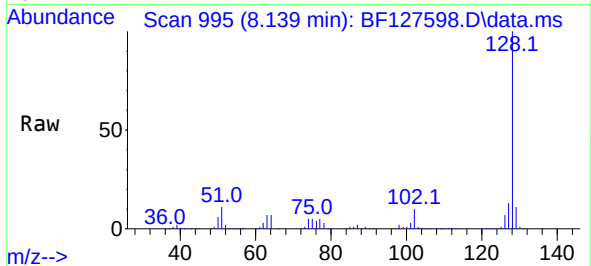
Tgt Ion:180 Resp: 333780
Ion Ratio Lower Upper
180 100
182 94.9 73.8 110.6
145 29.8 23.3 34.9





#31
Naphthalene
Concen: 38.175 ng
RT: 8.139 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

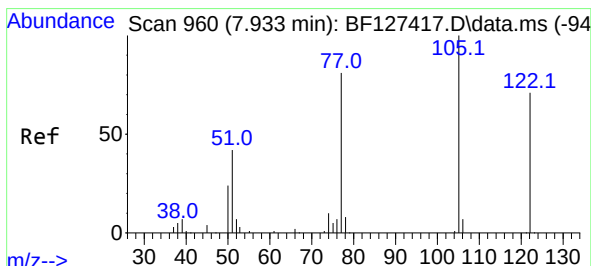
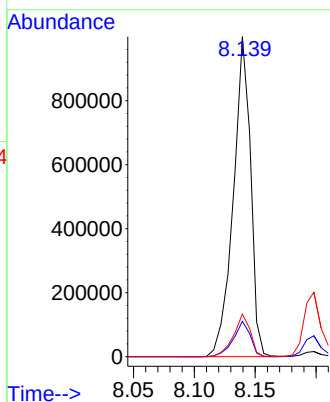
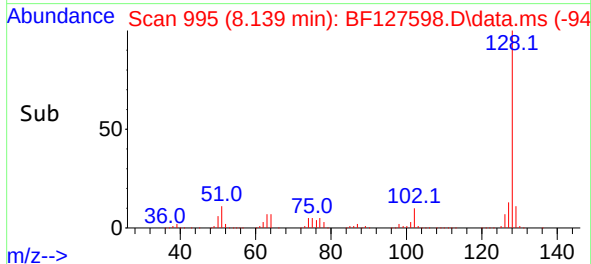
Instrument :
BNA_F
ClientSampleId :
PB143744BS



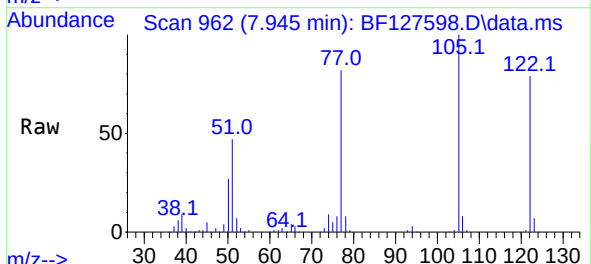
Tgt Ion:128 Resp: 984972
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.4 10.2 15.2

Manual Integrations
APPROVED

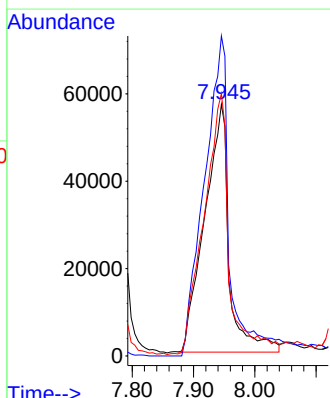
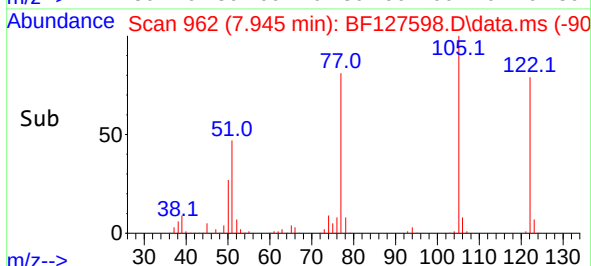
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

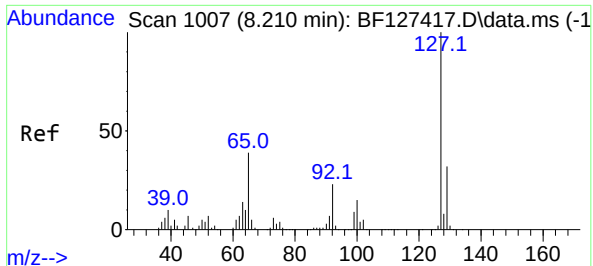


#32
Benzoic acid
Concen: 40.924 ng m
RT: 7.945 min Scan# 962
Delta R.T. 0.018 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:122 Resp: 156877
Ion Ratio Lower Upper
122 100
105 127.2 117.1 157.1
77 104.4 93.0 133.0





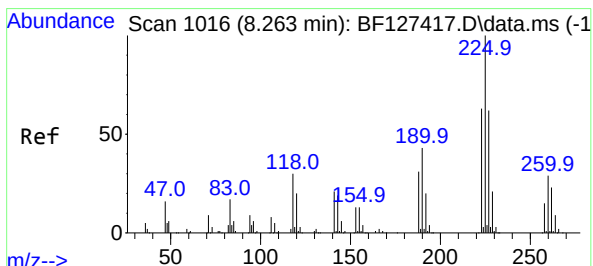
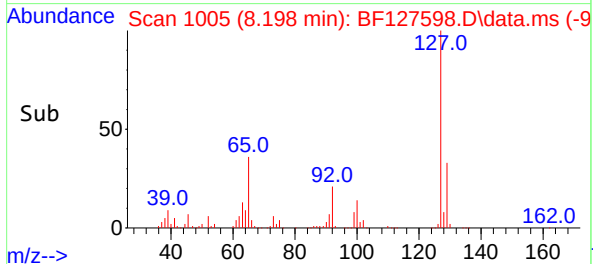
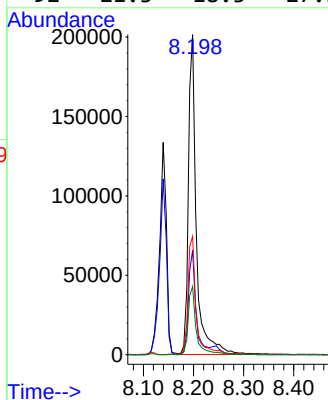
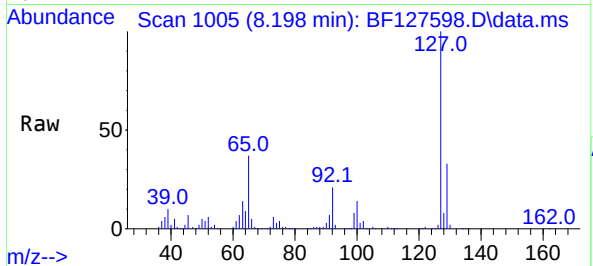
#33
4-Chloroaniline
Concen: 22.413 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB143744BS

Tgt Ion:127 Resp: 22409
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 36.9 31.4 47.0
92 21.3 18.3 27.5

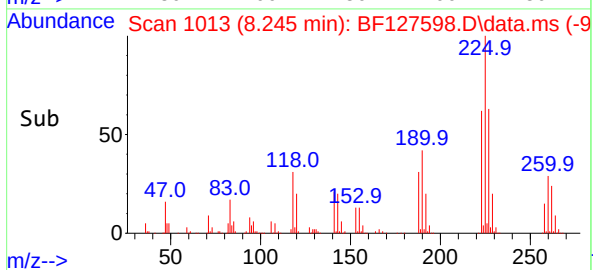
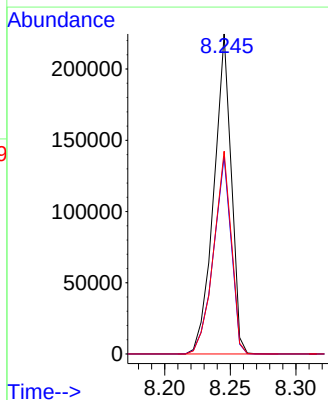
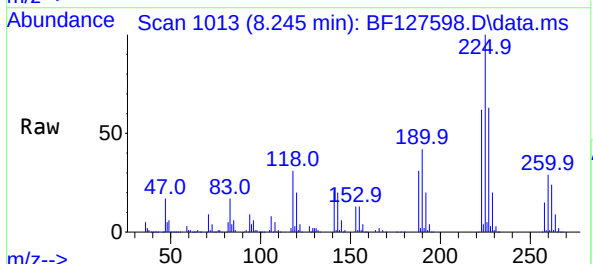
Manual Integrations
APPROVED

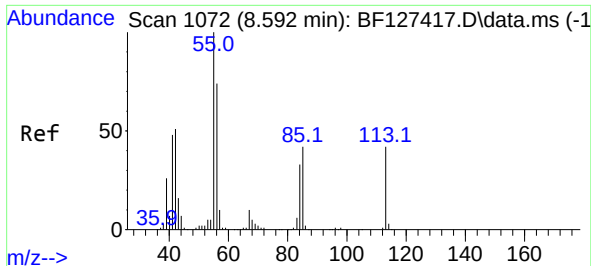
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#34
Hexachlorobutadiene
Concen: 36.061 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

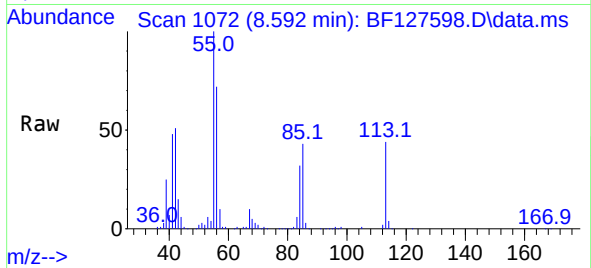
Tgt Ion:225 Resp: 207209
Ion Ratio Lower Upper
225 100
223 61.7 50.6 76.0
227 63.4 49.6 74.4





#35
 Caprolactam
 Concen: 38.034 ng m
 RT: 8.592 min Scan# 1072
 Delta R.T. 0.006 min
 Lab File: BF127598.D
 Acq: 31 Mar 2022 12:03

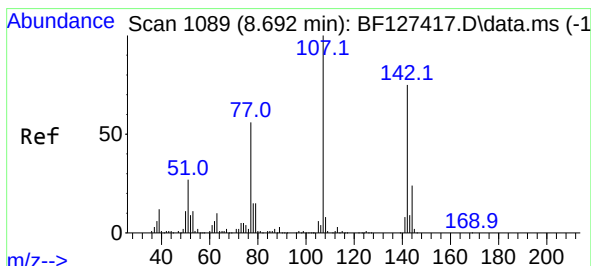
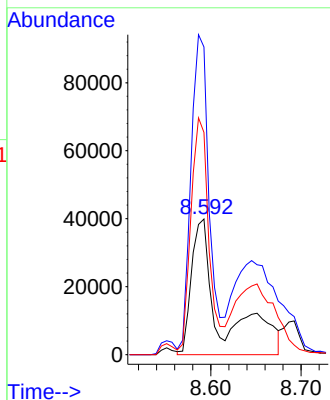
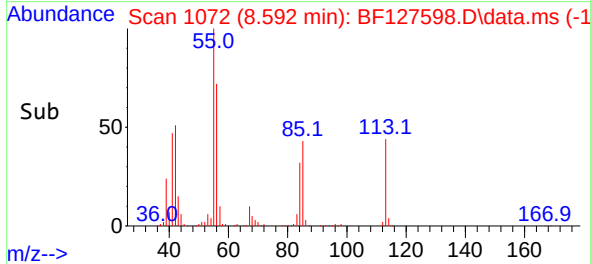
Instrument :
 BNA_F
 ClientSampleId :
 PB143744BS



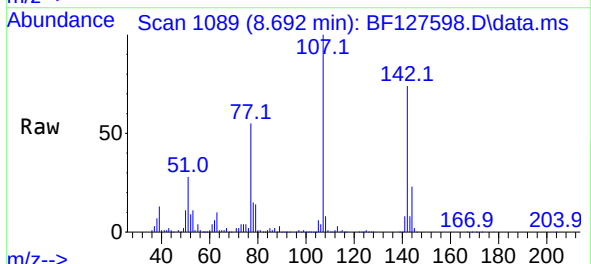
Tgt Ion:113 Resp: 91052
 Ion Ratio Lower Upper
 113 100
 55 226.7 218.7 258.7
 56 163.8 156.2 196.2

Manual Integrations
 APPROVED

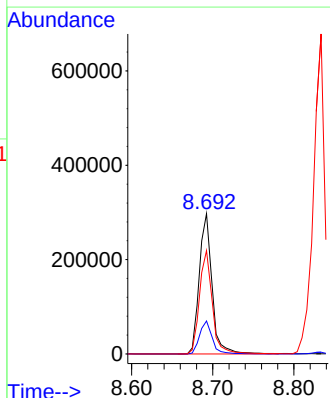
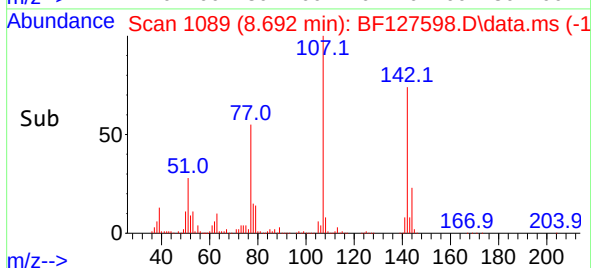
Reviewed By :Christian Giraldo 04/01/2022
 Supervised By :Jagrut Upadhyay 04/01/2022

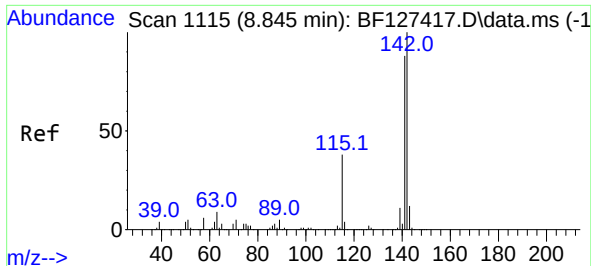


#36
 4-Chloro-3-methylphenol
 Concen: 38.741 ng
 RT: 8.692 min Scan# 1089
 Delta R.T. 0.012 min
 Lab File: BF127598.D
 Acq: 31 Mar 2022 12:03



Tgt Ion:107 Resp: 326402
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.3 28.9
 142 73.7 59.8 89.8





#37

2-Methylnaphthalene

Concen: 38.917 ng

RT: 8.834 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

Tgt Ion:142 Resp: 64565

Ion Ratio Lower Upper

142 100

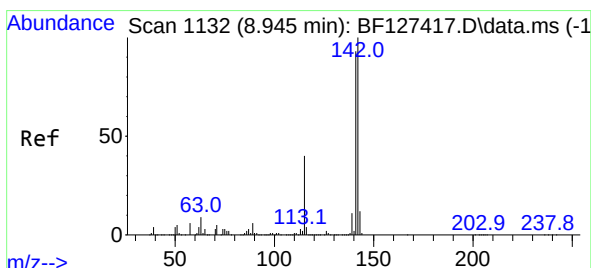
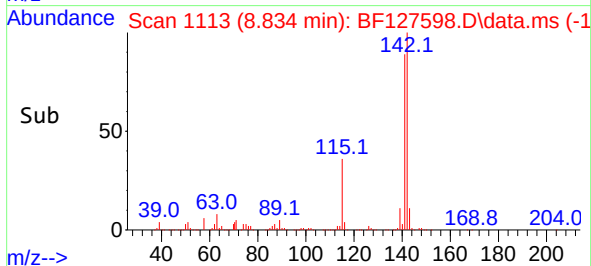
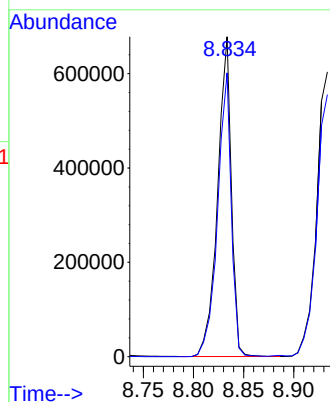
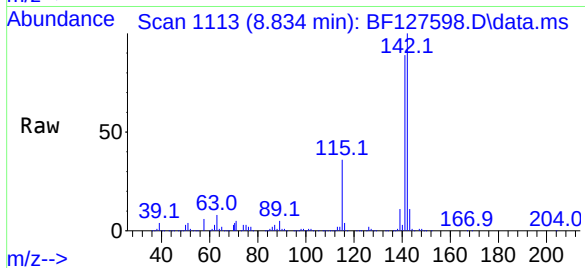
141 88.7 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/01/2022

Supervised By :Jagrut Upadhyay 04/01/2022



#38

1-Methylnaphthalene

Concen: 37.073 ng

RT: 8.933 min Scan# 1130

Delta R.T. 0.006 min

Lab File: BF127598.D

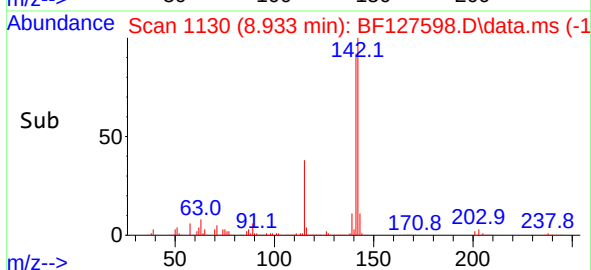
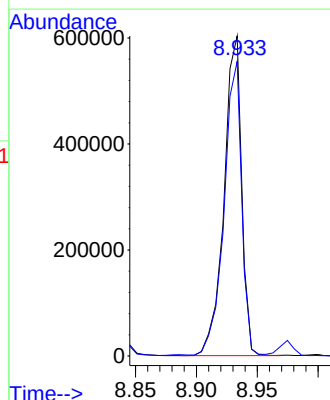
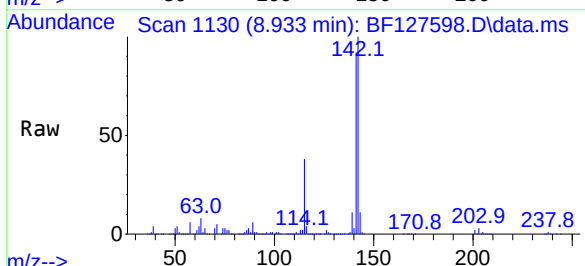
Acq: 31 Mar 2022 12:03

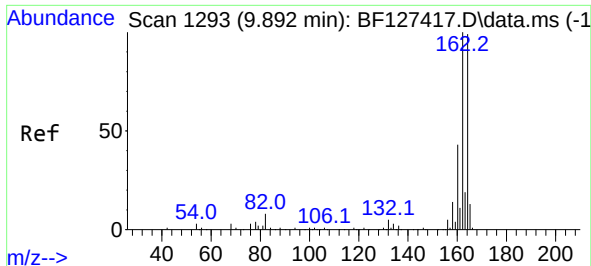
Tgt Ion:142 Resp: 608198

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

Tgt Ion:164 Resp: 27462

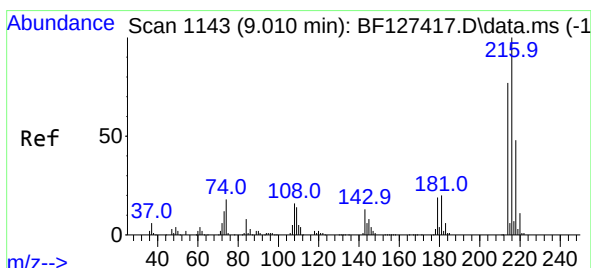
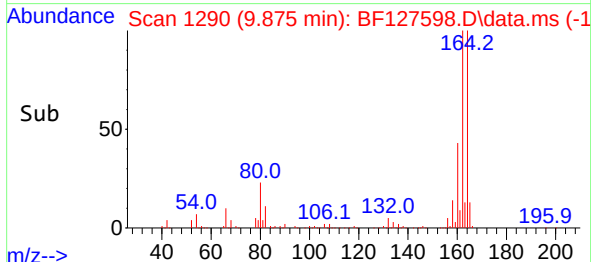
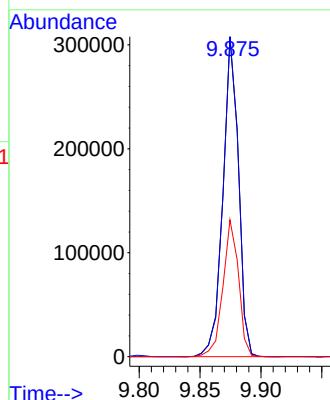
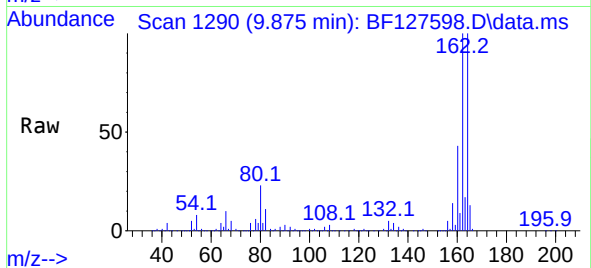
Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.2	121.8
160	42.7	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/01/2022

Supervised By :Jagrut Upadhyay 04/01/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.513 ng

RT: 8.998 min Scan# 1141

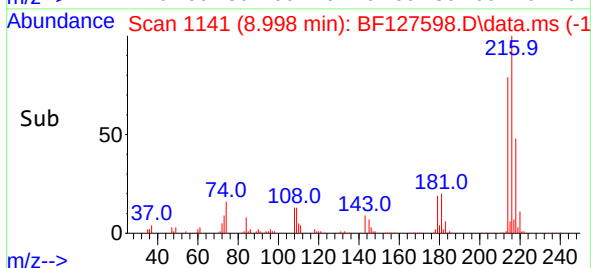
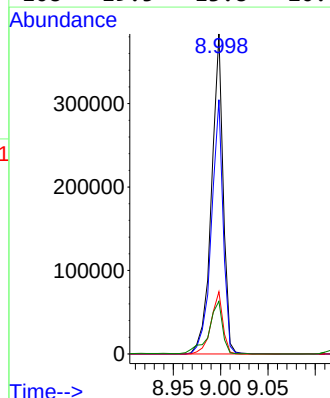
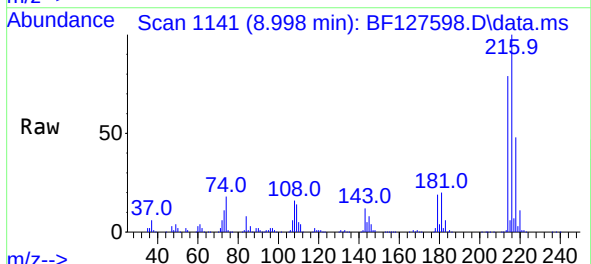
Delta R.T. 0.000 min

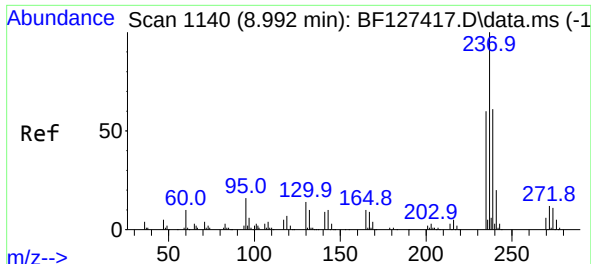
Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Tgt Ion:216 Resp: 327553

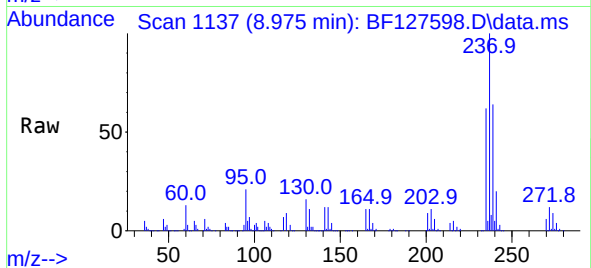
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	19.4	15.5	23.3
108	19.5	13.8	20.6





#41
Hexachlorocyclopentadiene
Concen: 70.861 ng
RT: 8.975 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

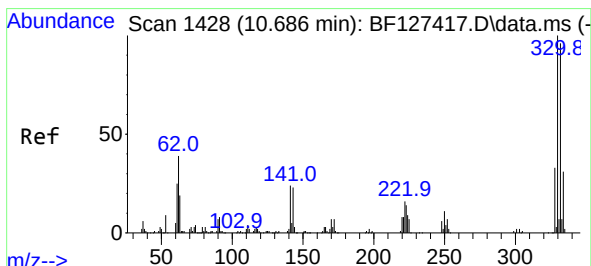
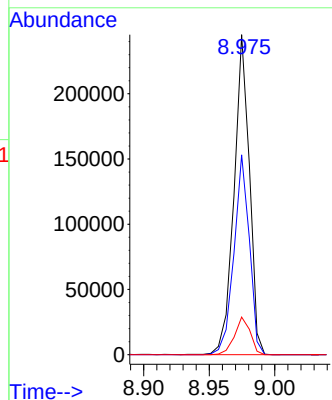
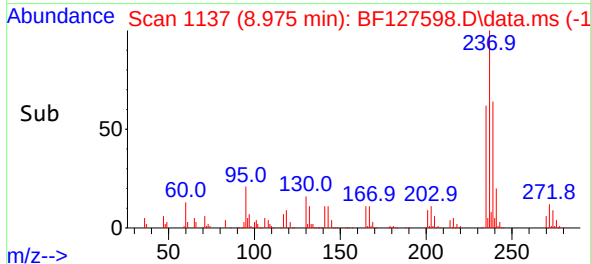
Instrument :
BNA_F
ClientSampleId :
PB143744BS



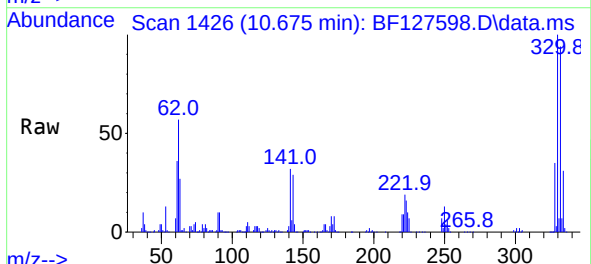
Tgt Ion:237 Resp: 200775
Ion Ratio Lower Upper
237 100
235 62.5 40.4 80.4
272 11.8 0.0 31.8

Manual Integrations
APPROVED

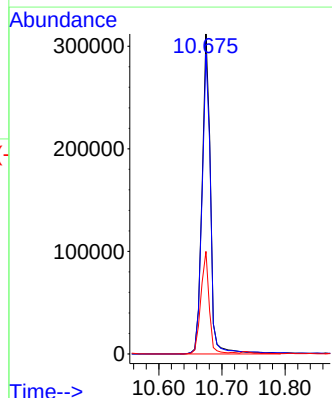
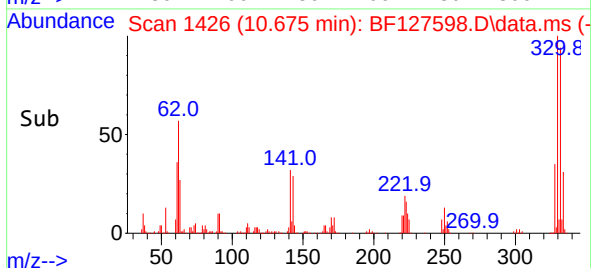
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

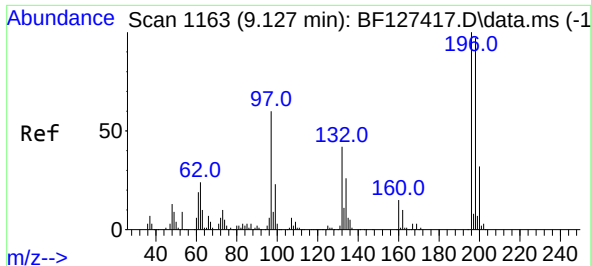


#42
2,4,6-Tribromophenol
Concen: 98.381 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:330 Resp: 287804
Ion Ratio Lower Upper
330 100
332 95.3 79.1 118.7
141 31.6 26.2 39.4





#43
2,4,6-Trichlorophenol
Concen: 37.657 ng
RT: 9.116 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

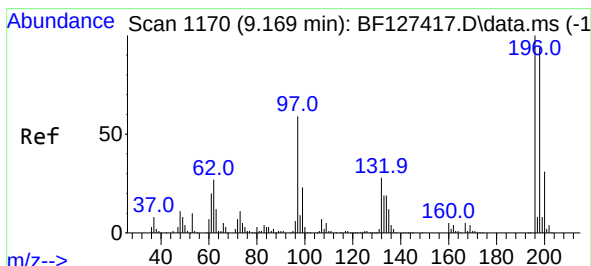
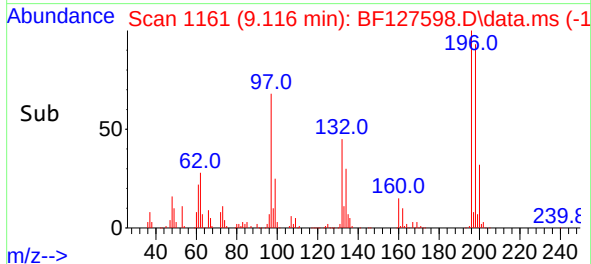
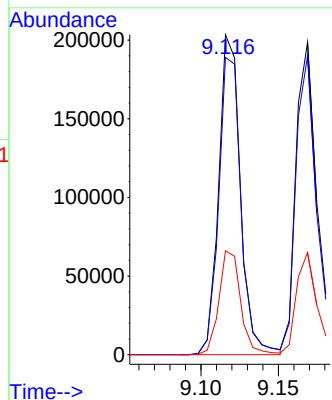
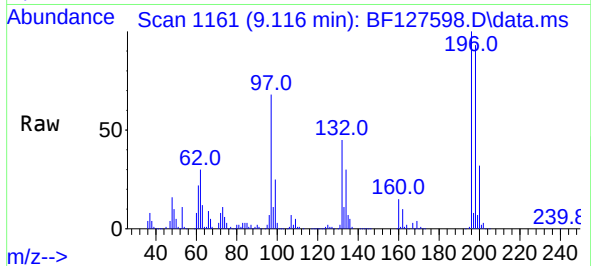
PB143744BS

Tgt Ion:196 Resp: 198758
Ion Ratio Lower Upper
196 100
198 92.9 77.8 116.6
200 32.5 25.9 38.9

Manual Integrations

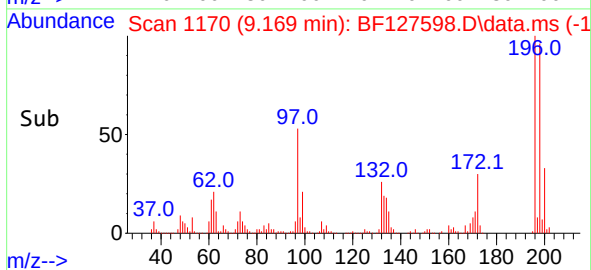
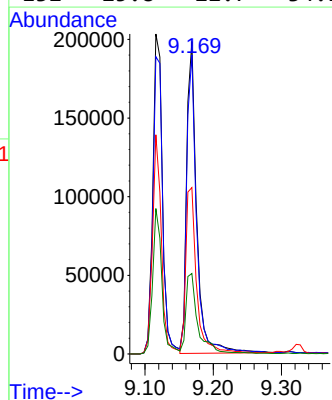
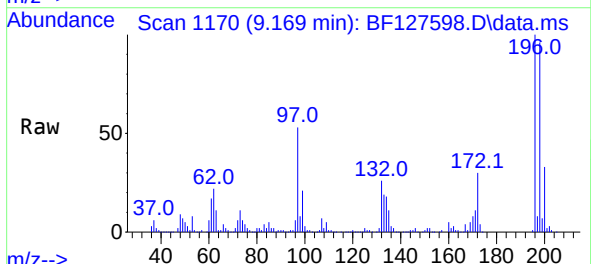
APPROVED

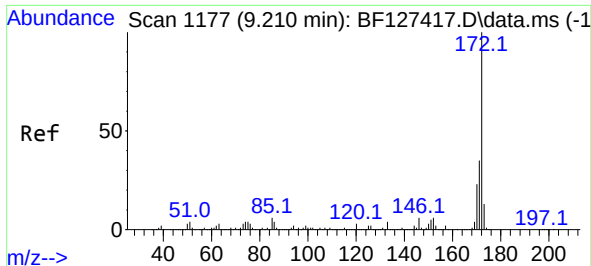
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#44
2,4,5-Trichlorophenol
Concen: 37.297 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

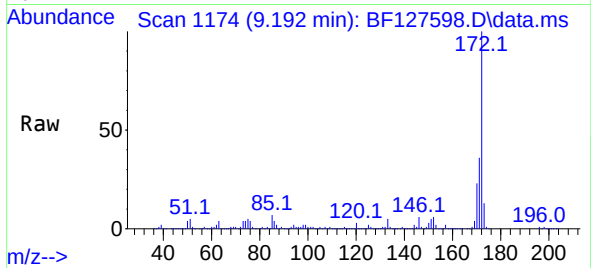
Tgt Ion:196 Resp: 202643
Ion Ratio Lower Upper
196 100
198 95.7 75.3 112.9
97 53.3 46.8 70.2
132 25.8 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 71.958 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

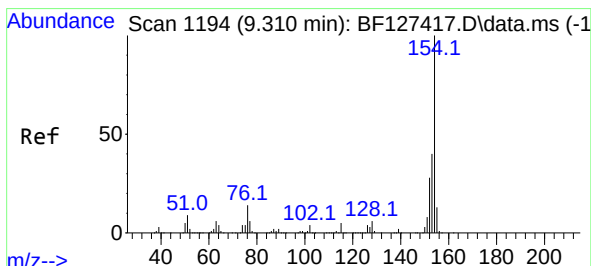
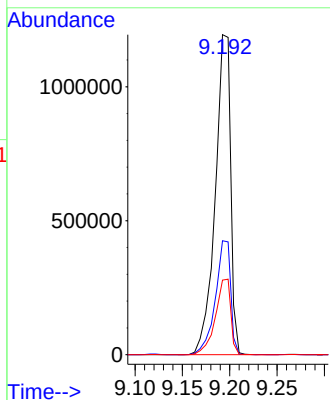
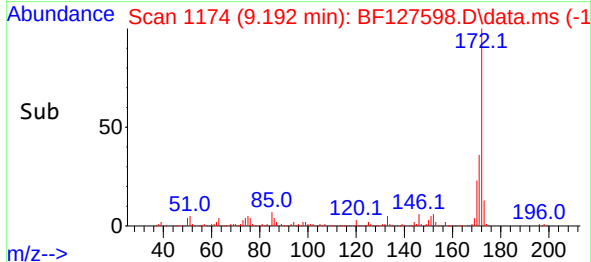
Instrument :
BNA_F
ClientSampleId :
PB143744BS



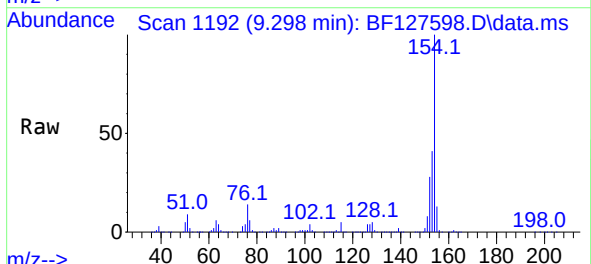
Tgt Ion:172 Resp: 1353284
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.3 18.6 27.8

Manual Integrations
APPROVED

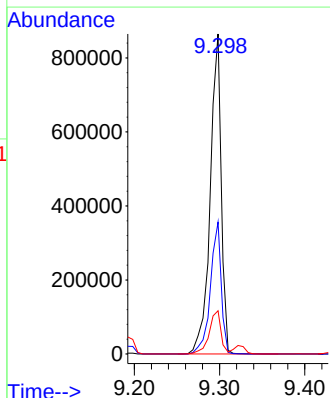
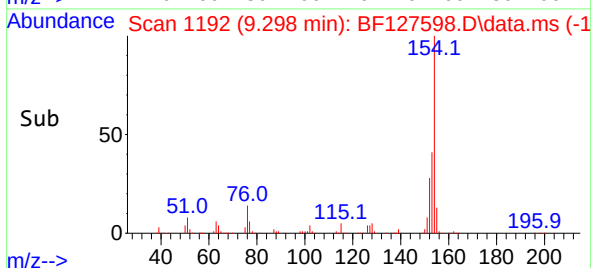
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

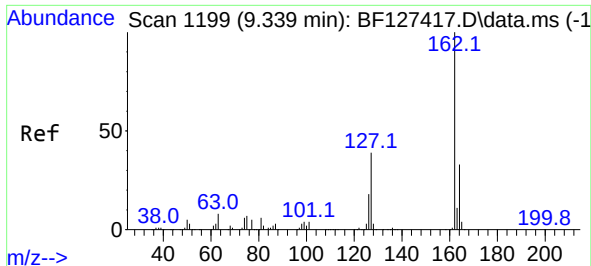


#46
1,1'-Biphenyl
Concen: 37.566 ng
RT: 9.298 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:154 Resp: 779158
Ion Ratio Lower Upper
154 100
153 41.2 20.3 60.3
76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 37.521 ng

RT: 9.328 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

Tgt Ion:162 Resp: 612828

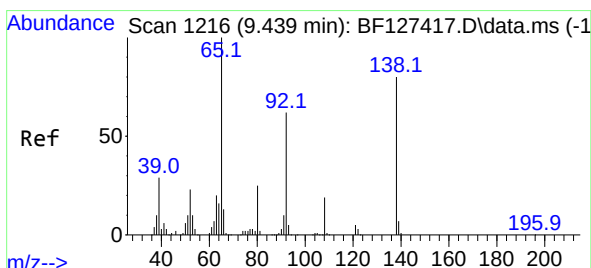
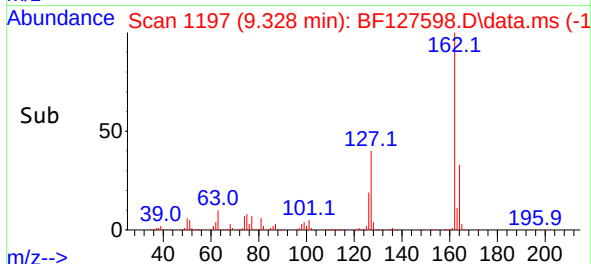
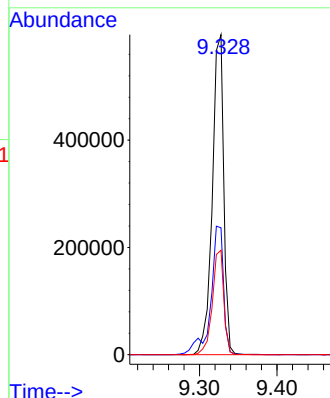
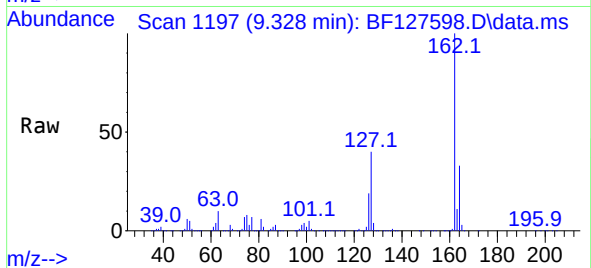
Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.8	47.6
164	32.6	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/01/2022

Supervised By :Jagrut Upadhyay 04/01/2022



#48

2-Nitroaniline

Concen: 37.303 ng

RT: 9.433 min Scan# 1215

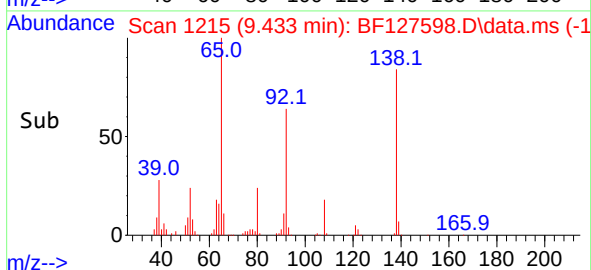
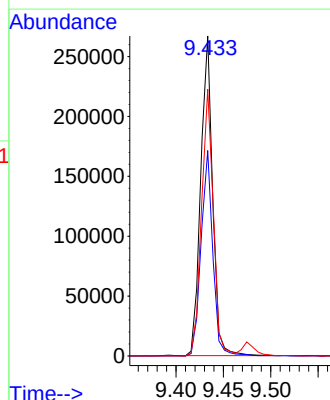
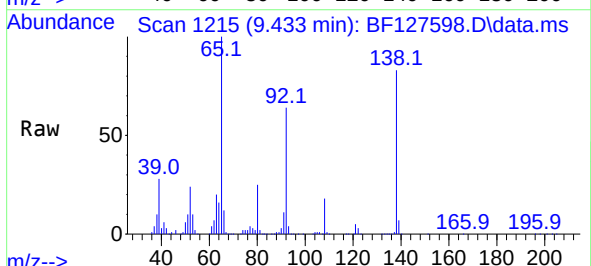
Delta R.T. 0.006 min

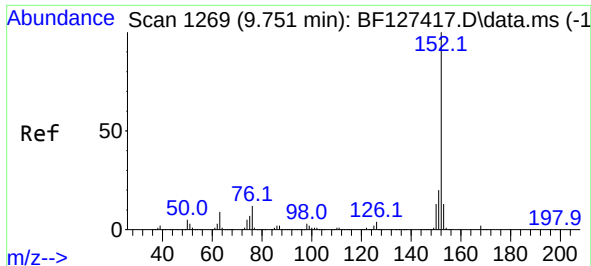
Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Tgt Ion: 65 Resp: 233505

Ion	Ratio	Lower	Upper
65	100		
92	64.2	50.0	75.0
138	83.4	64.1	96.1





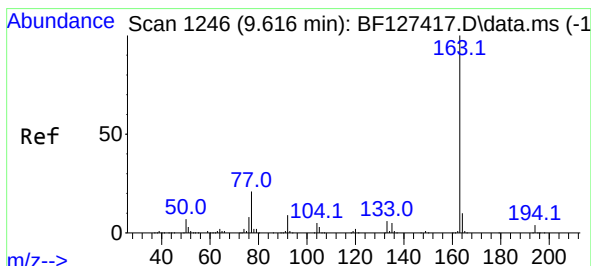
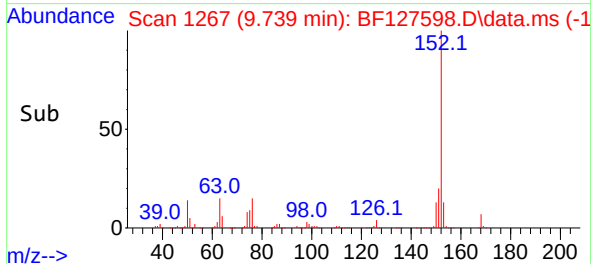
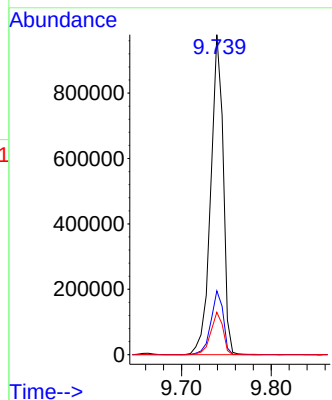
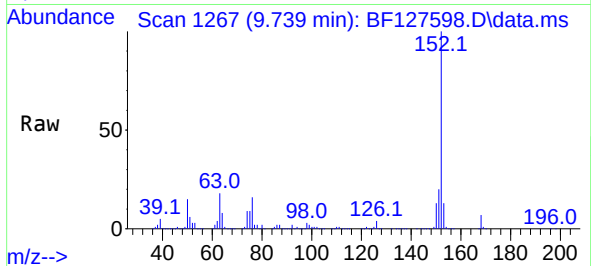
#49
Acenaphthylene
Concen: 38.170 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB143744BS

Tgt Ion:152 Resp: 942492
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.5 15.7

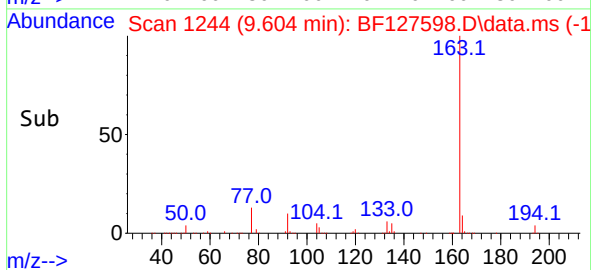
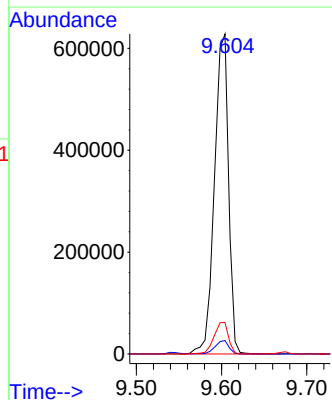
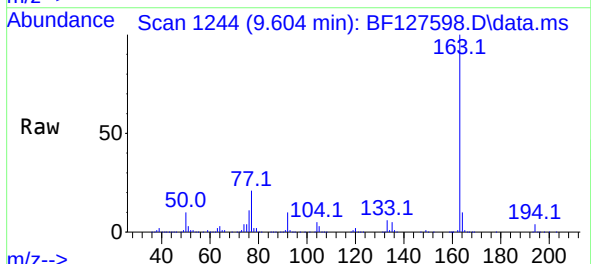
Manual Integrations
APPROVED

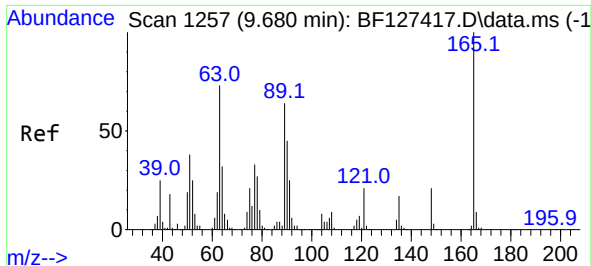
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#50
Dimethylphthalate
Concen: 37.729 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

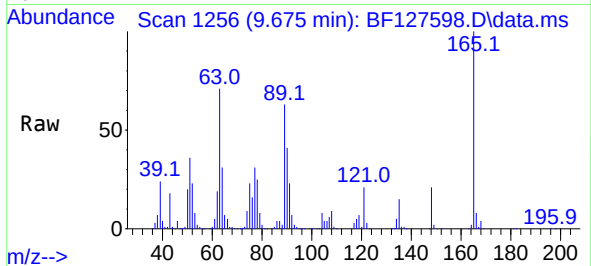
Tgt Ion:163 Resp: 720808
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 38.156 ng
RT: 9.675 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

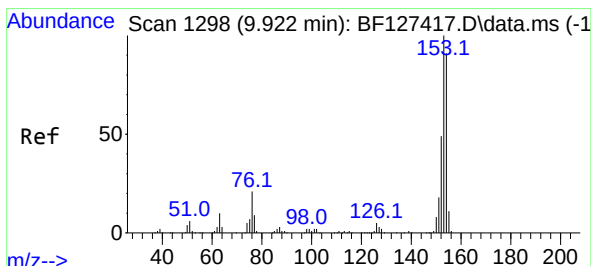
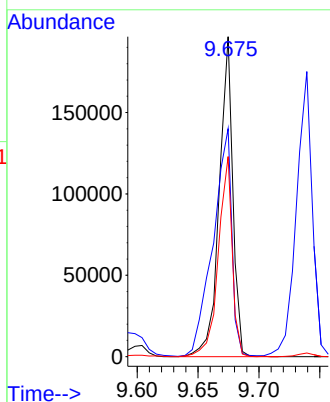
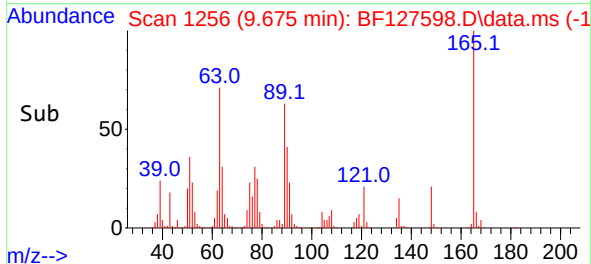
Instrument :
BNA_F
ClientSampleId :
PB143744BS



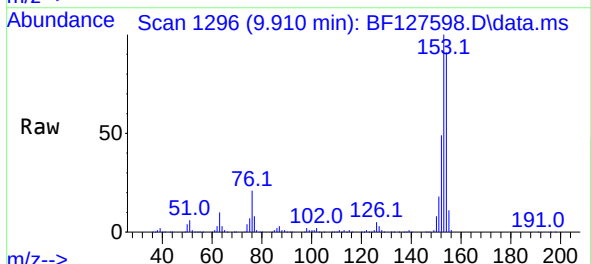
Tgt Ion:165 Resp: 15302
Ion Ratio Lower Upper
165 100
63 71.3 58.3 87.5
89 62.6 51.5 77.3

Manual Integrations
APPROVED

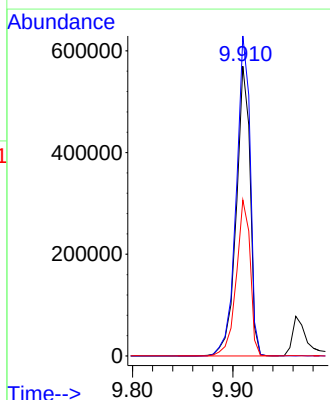
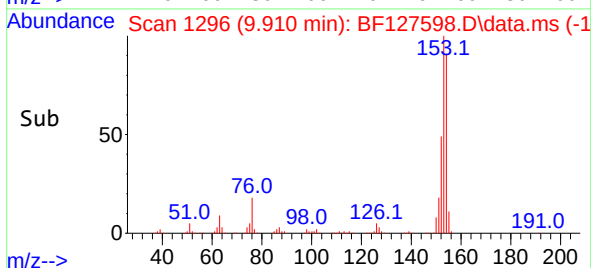
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

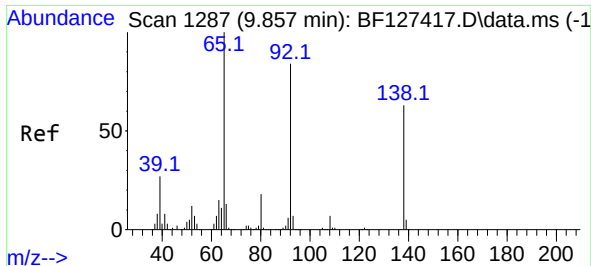


#52
Acenaphthene
Concen: 37.947 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



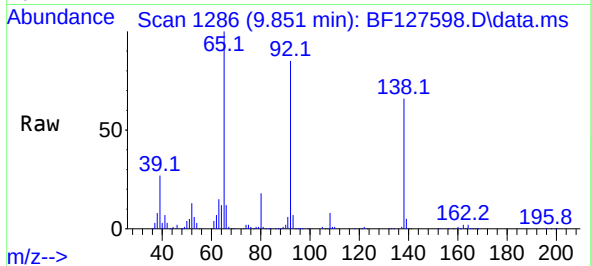
Tgt Ion:154 Resp: 546684
Ion Ratio Lower Upper
154 100
153 110.4 87.6 131.4
152 53.8 42.9 64.3





#53
3-Nitroaniline
Concen: 26.546 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

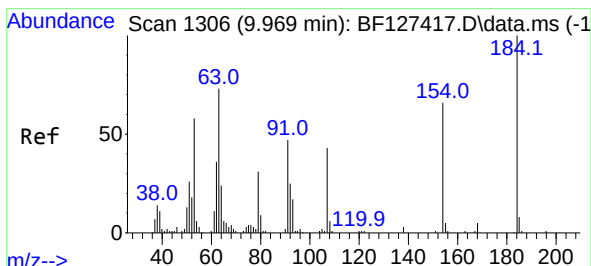
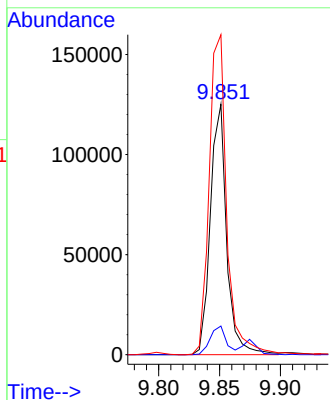
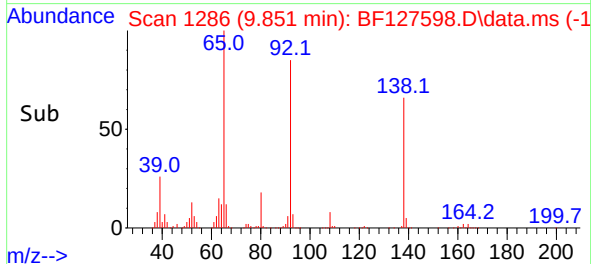
Instrument :
BNA_F
ClientSampleId :
PB143744BS



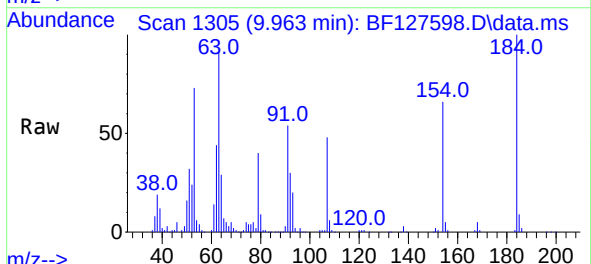
Tgt Ion:138 Resp: 116778
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 127.8 106.1 159.1

Manual Integrations
APPROVED

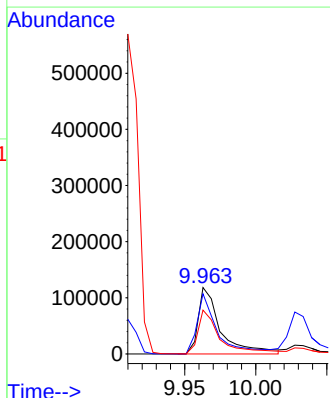
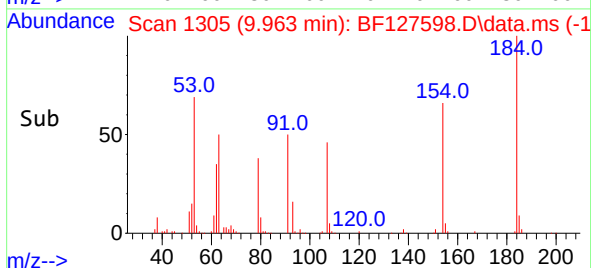
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

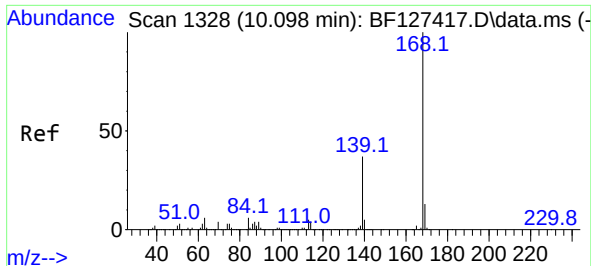


#54
2,4-Dinitrophenol
Concen: 66.051 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:184 Resp: 130243
Ion Ratio Lower Upper
184 100
63 90.6 58.1 87.1#
154 65.9 53.2 79.8





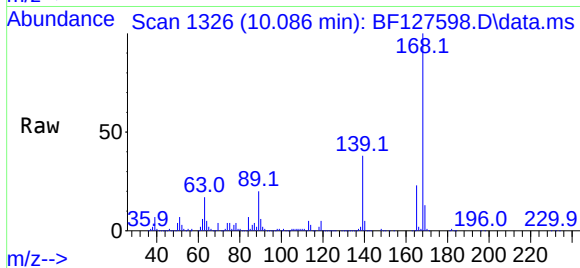
#55
Dibenzenofuran
Concen: 36.152 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

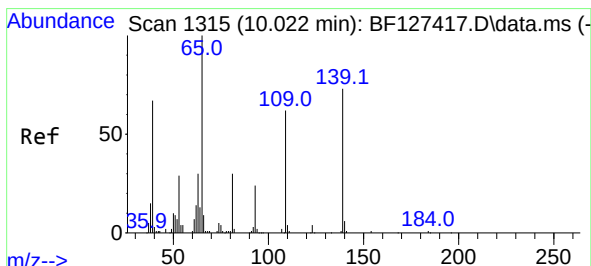
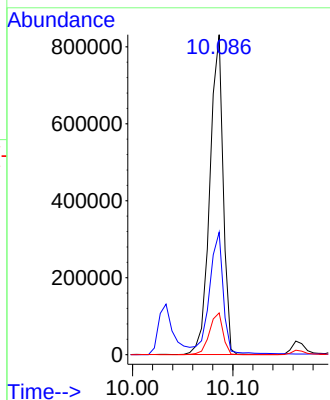
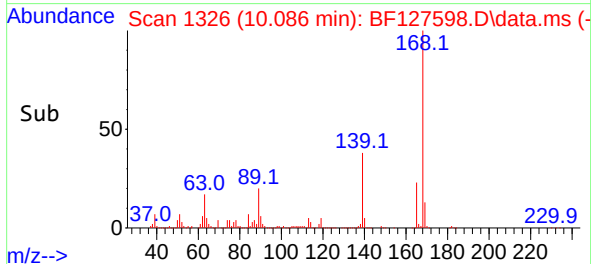
PB143744BS



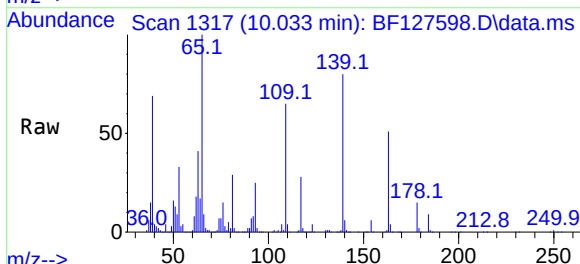
Tgt Ion:168 Resp: 765045
Ion Ratio Lower Upper
168 100
139 38.2 30.3 45.5
169 13.1 10.8 16.2

Manual Integrations
APPROVED

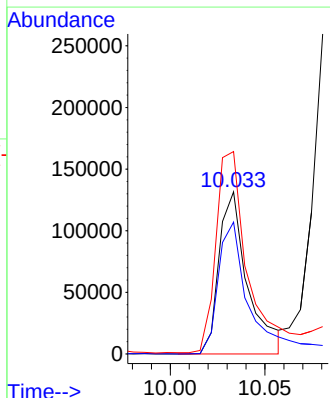
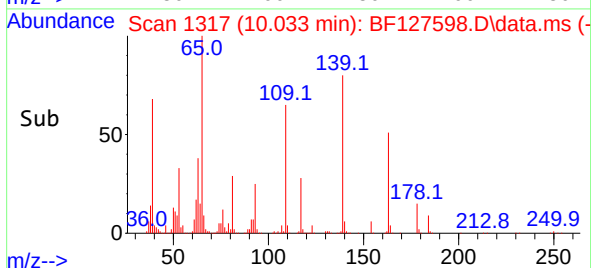
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

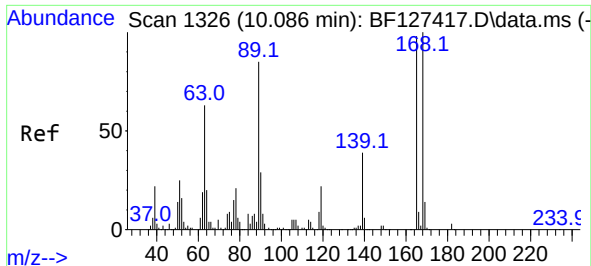


#56
4-Nitrophenol
Concen: 62.021 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.018 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



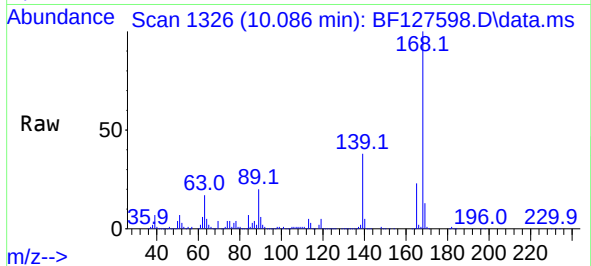
Tgt Ion:139 Resp: 138865
Ion Ratio Lower Upper
139 100
109 81.3 64.3 104.3
65 124.9 117.5 157.5





#57
2,4-Dinitrotoluene
Concen: 35.214 ng
RT: 10.086 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

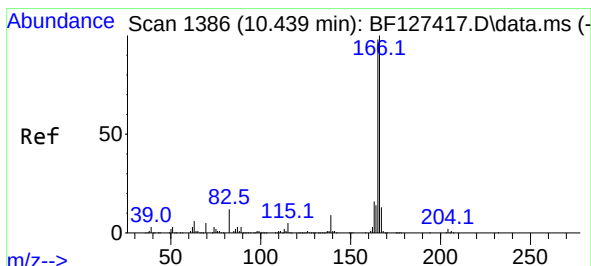
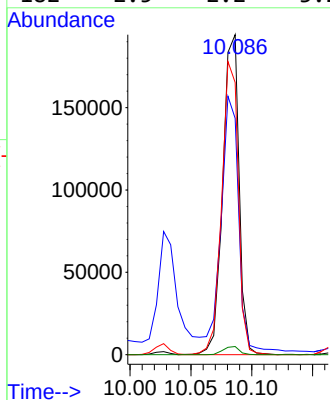
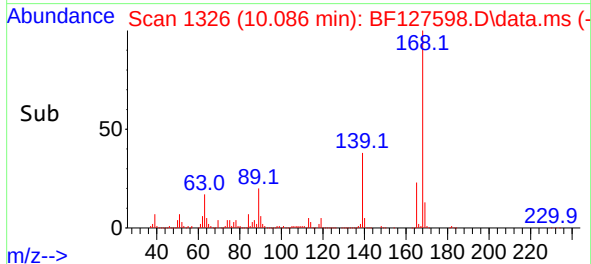
Instrument :
BNA_F
ClientSampleId :
PB143744BS



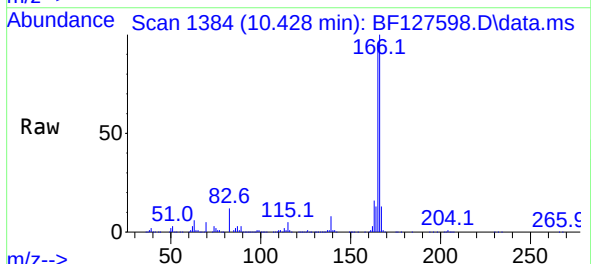
Tgt Ion:165 Resp: 181774
Ion Ratio Lower Upper
165 100
63 73.8 53.1 79.7
89 85.0 69.2 103.8
182 2.5 2.2 3.2

Manual Integrations
APPROVED

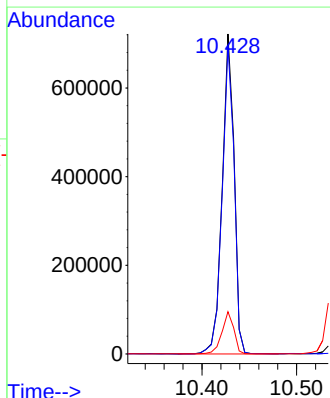
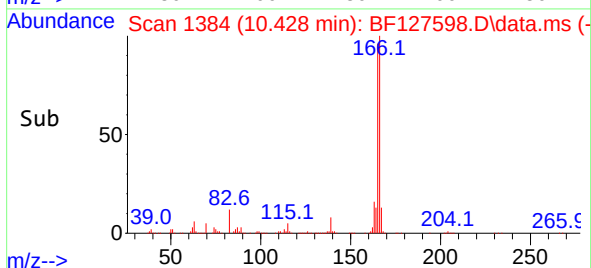
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

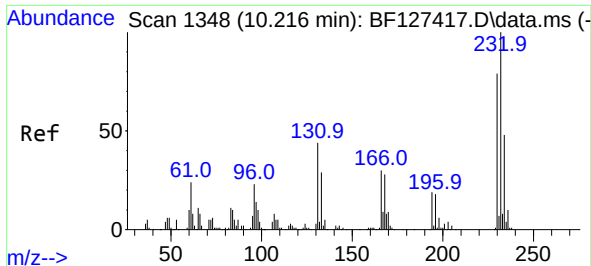


#58
Fluorene
Concen: 37.599 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



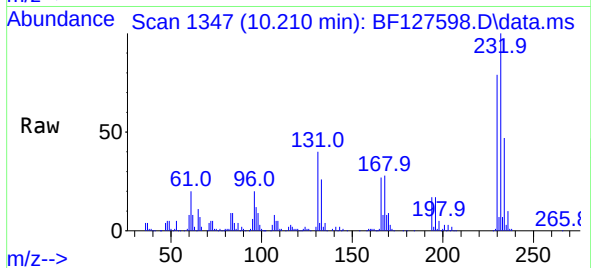
Tgt Ion:166 Resp: 634177
Ion Ratio Lower Upper
166 100
165 96.3 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.617 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

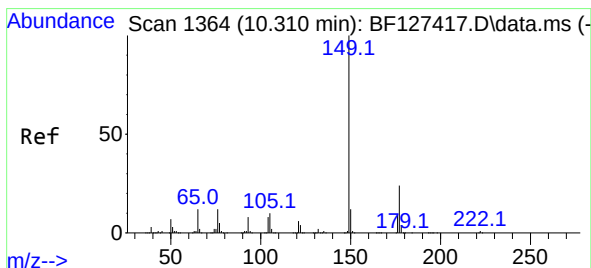
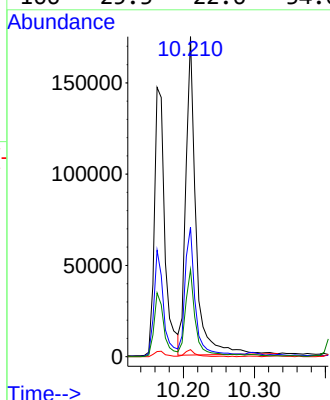
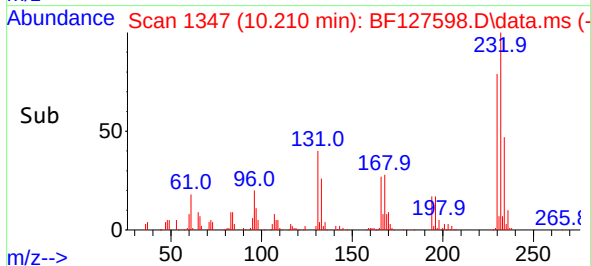
Instrument :
BNA_F
ClientSampleId :
PB143744BS



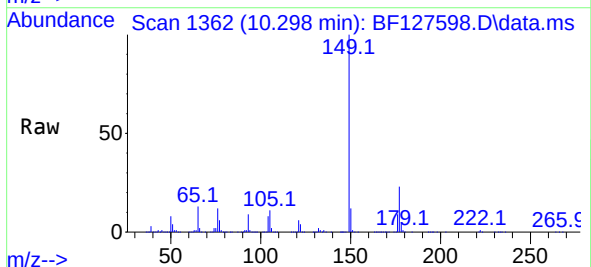
Tgt Ion:232 Resp: 171092
Ion Ratio Lower Upper
232 100
131 39.4 33.4 50.0
130 2.4 1.8 2.6
166 25.3 22.6 34.0

Manual Integrations
APPROVED

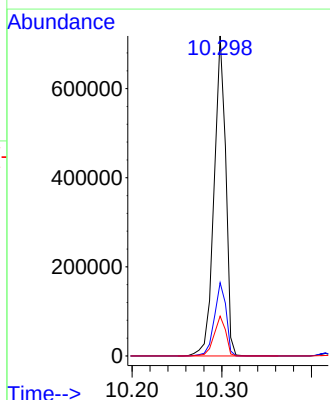
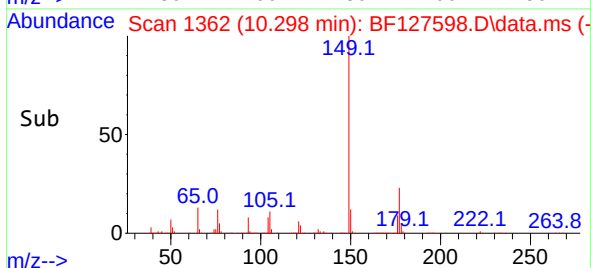
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

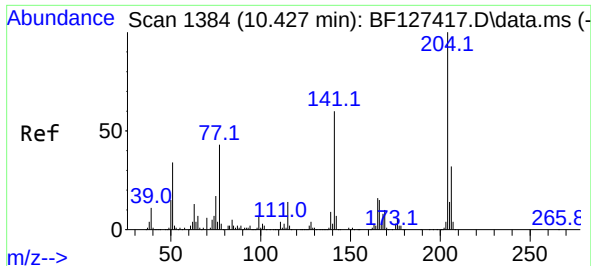


#60
Diethylphthalate
Concen: 36.972 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



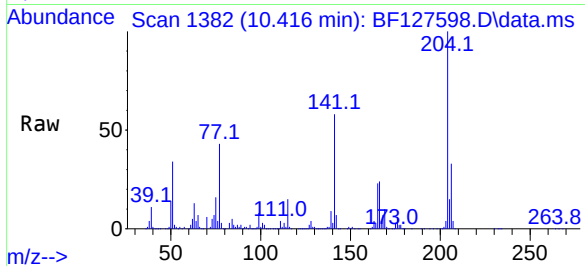
Tgt Ion:149 Resp: 645148
Ion Ratio Lower Upper
149 100
177 22.9 18.9 28.3
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 34.229 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

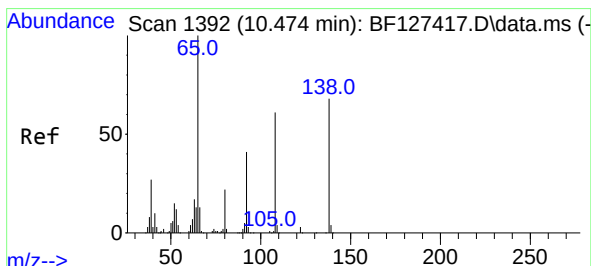
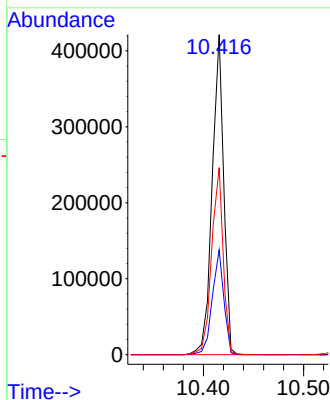
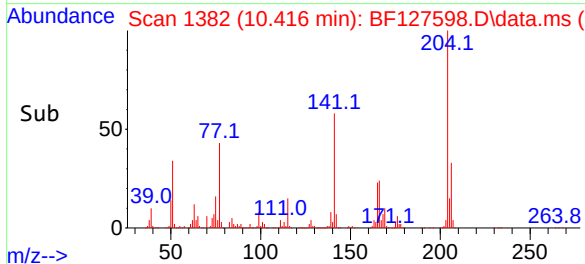
Instrument :
BNA_F
ClientSampleId :
PB143744BS



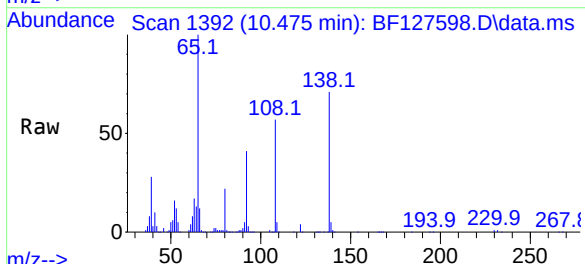
Tgt Ion:204 Resp: 33798
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 58.4 47.8 71.8

Manual Integrations
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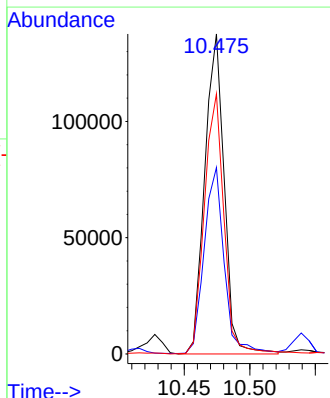
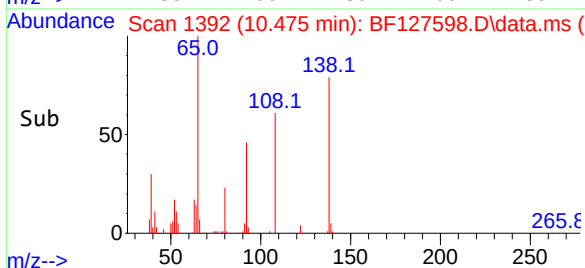
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

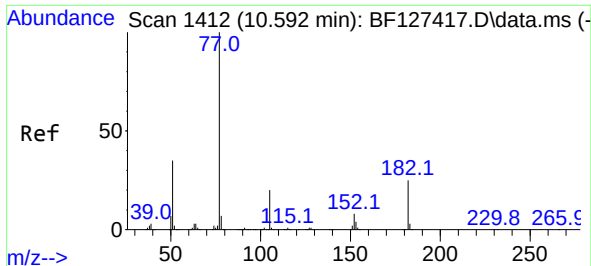


#62
4-Nitroaniline
Concen: 34.518 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



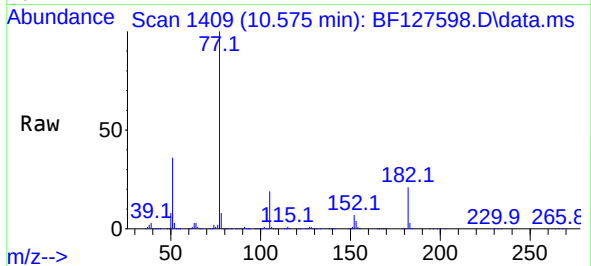
Tgt Ion:138 Resp: 142235
Ion Ratio Lower Upper
138 100
92 58.3 40.5 80.5
108 81.2 69.2 109.2





#63
Azobenzene
Concen: 36.116 ng
RT: 10.575 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

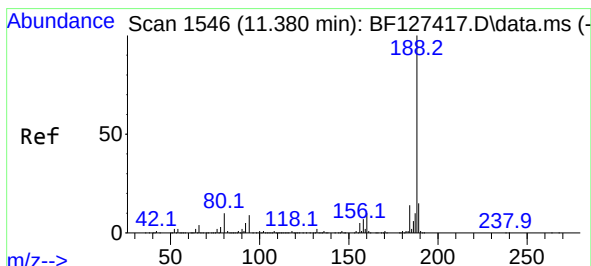
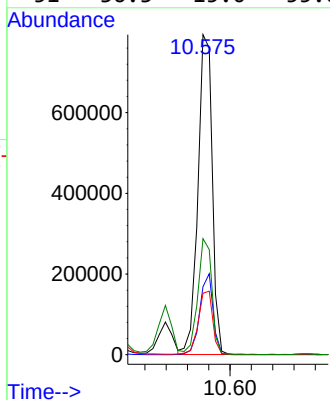
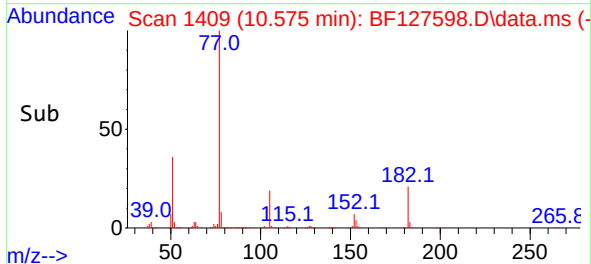
Instrument :
BNA_F
ClientSampleId :
PB143744BS



Tgt Ion: 77 Resp: 74362
Ion Ratio Lower Upper
77 100
182 21.3 4.5 44.5
105 19.2 0.3 40.3
51 36.3 15.0 55.0

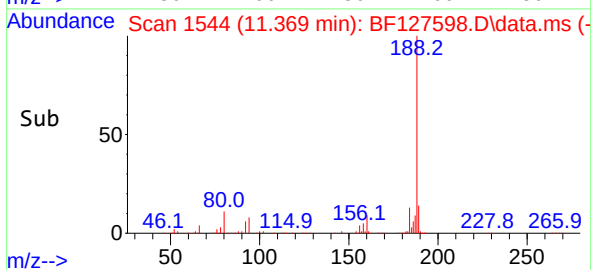
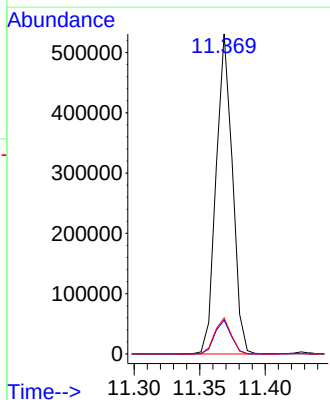
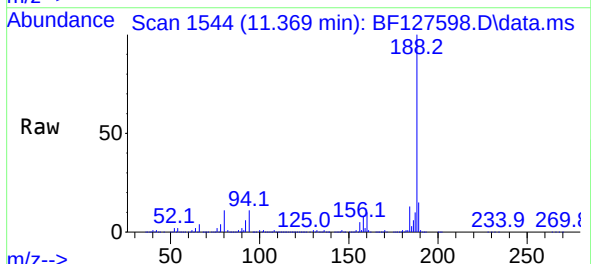
Manual Integrations
APPROVED

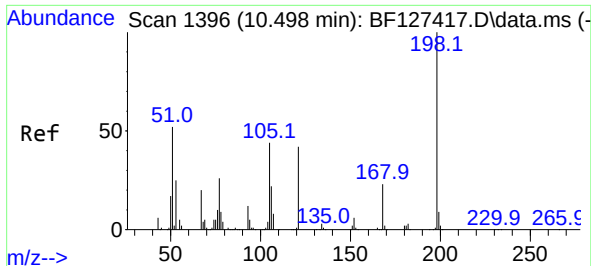
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion:188 Resp: 458720
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 11.3 8.0 12.0





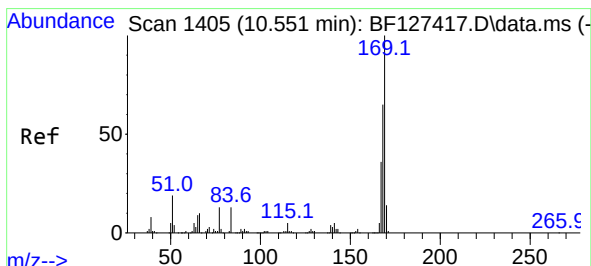
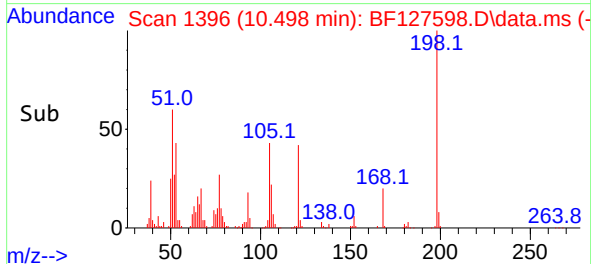
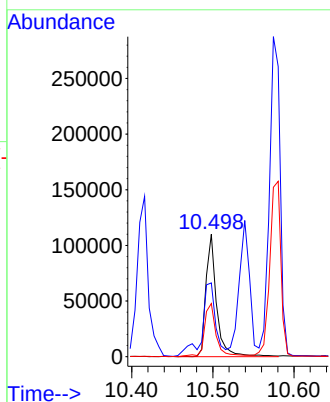
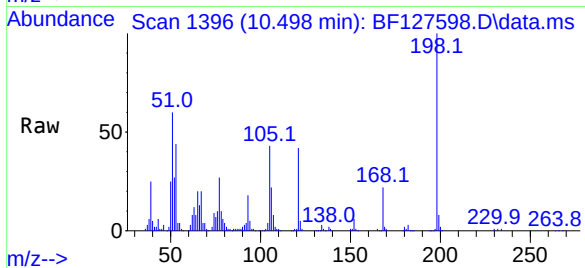
#65
4,6-Dinitro-2-methylphenol
Concen: 35.526 ng
RT: 10.498 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB143744BS

Tgt Ion:198 Resp: 10027
Ion Ratio Lower Upper
198 100
51 60.3 42.7 82.7
105 43.4 25.4 65.4

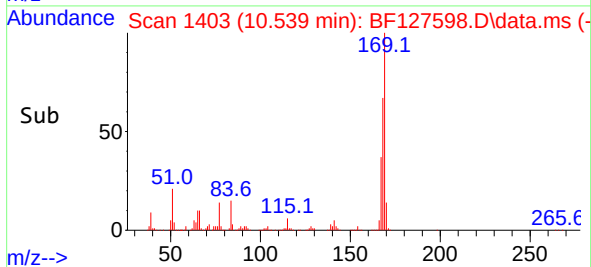
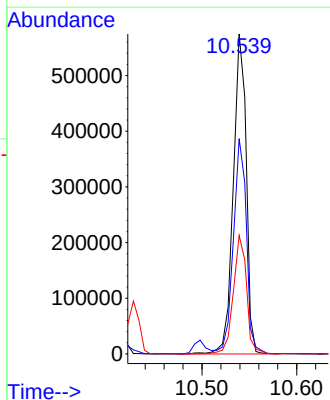
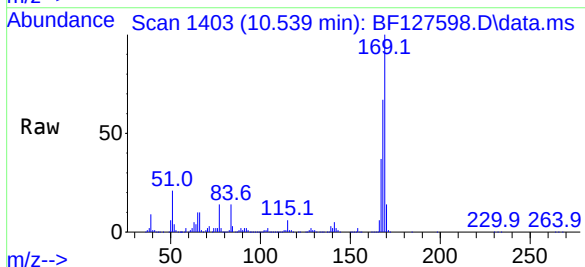
Manual Integrations
APPROVED

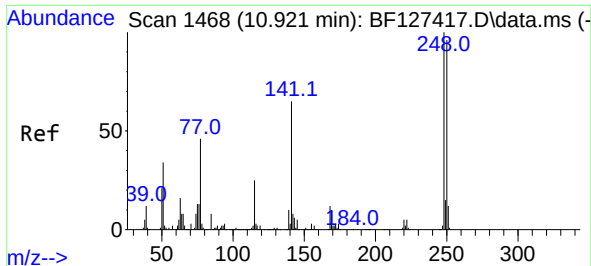
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#66
n-Nitrosodiphenylamine
Concen: 39.063 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

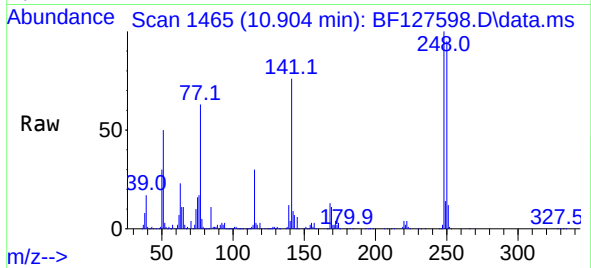
Tgt Ion:169 Resp: 545463
Ion Ratio Lower Upper
169 100
168 67.3 52.7 79.1
167 37.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 38.669 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

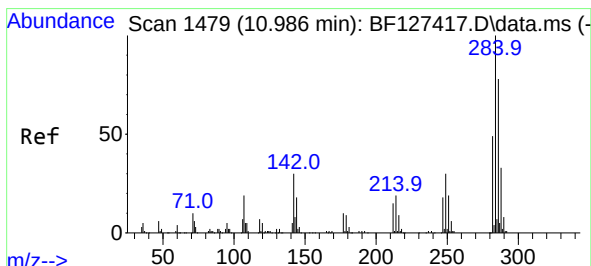
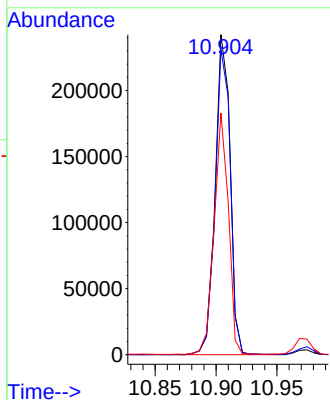
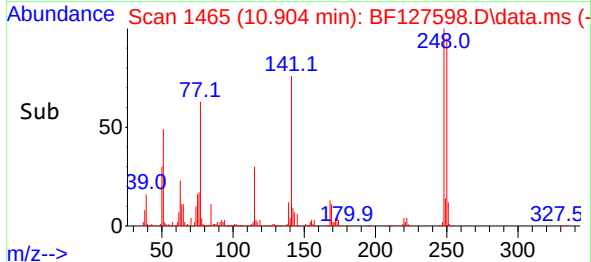
Instrument :
BNA_F
ClientSampleId :
PB143744BS



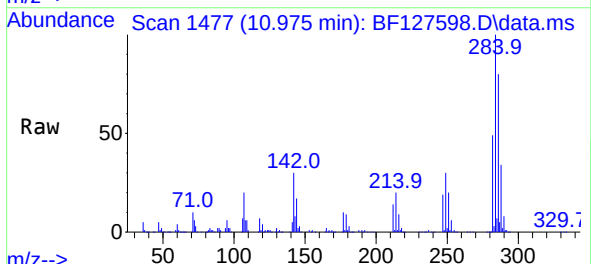
Tgt Ion:248 Resp: 207099
Ion Ratio Lower Upper
248 100
250 95.4 76.6 115.0
141 75.5 52.2 78.2

Manual Integrations
APPROVED

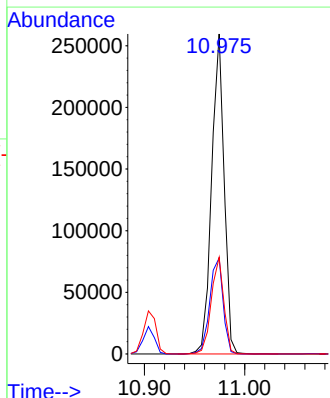
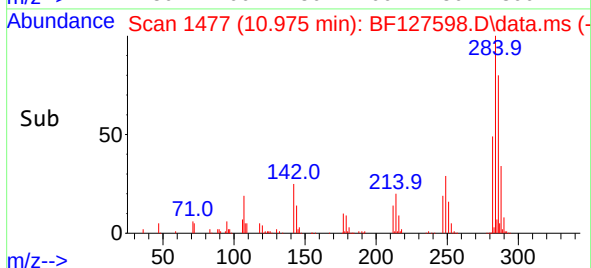
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

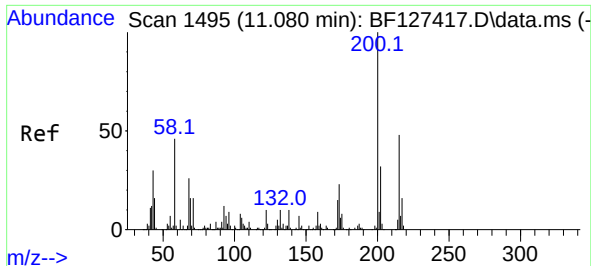


#68
Hexachlorobenzene
Concen: 38.492 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



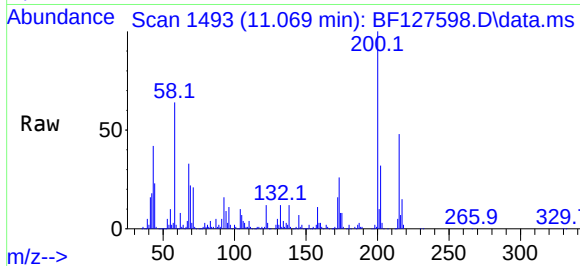
Tgt Ion:284 Resp: 225024
Ion Ratio Lower Upper
284 100
142 30.0 23.8 35.8
249 30.2 23.9 35.9





#69
Atrazine
Concen: 43.118 ng
RT: 11.069 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

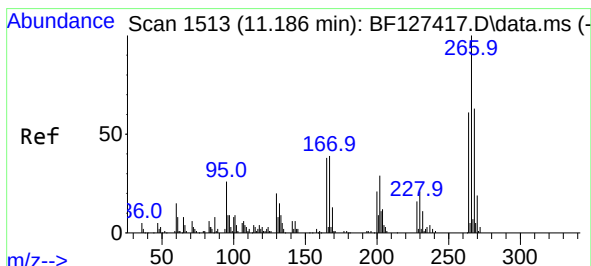
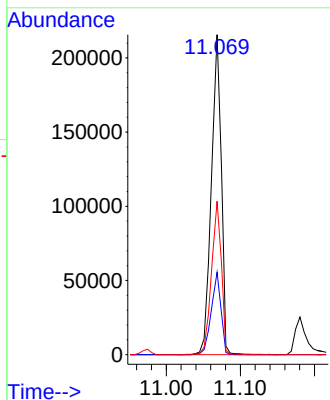
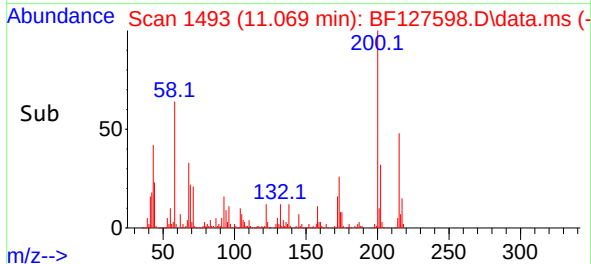
Instrument :
BNA_F
ClientSampleId :
PB143744BS



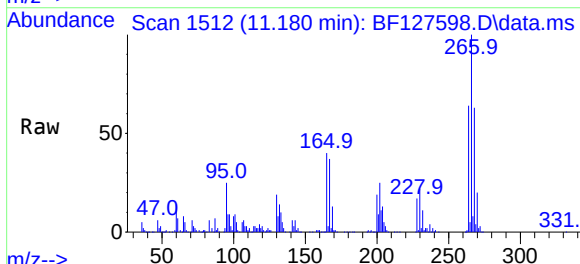
Tgt Ion:200 Resp: 200438
Ion Ratio Lower Upper
200 100
173 25.8 2.9 42.9
215 47.9 28.0 68.0

Manual Integrations
APPROVED

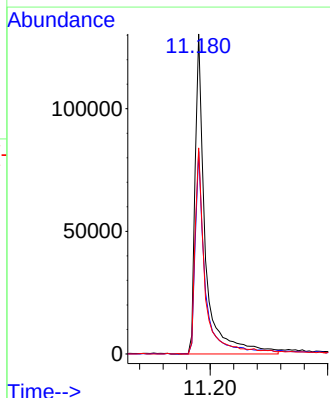
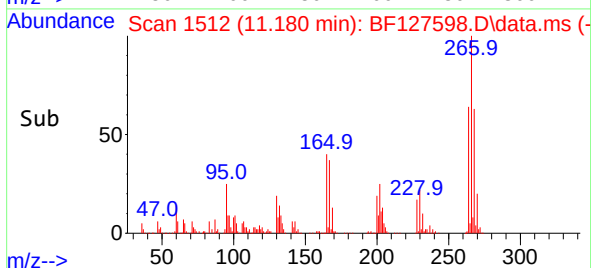
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

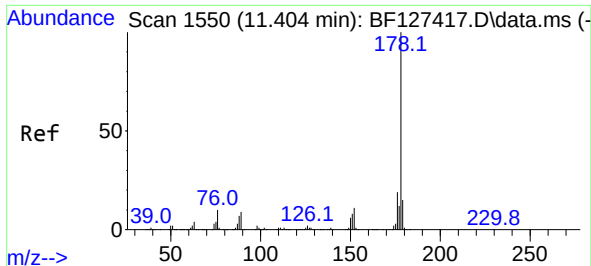


#70
Pentachlorophenol
Concen: 70.970 ng
RT: 11.180 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:266 Resp: 158313
Ion Ratio Lower Upper
266 100
268 63.3 50.4 75.6
264 64.4 48.5 72.7





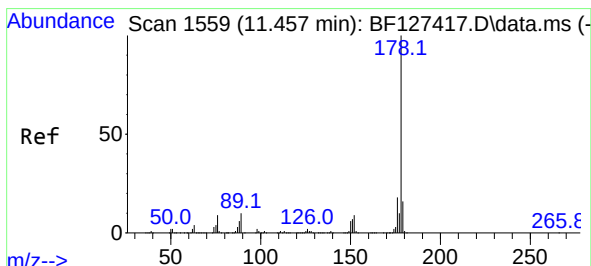
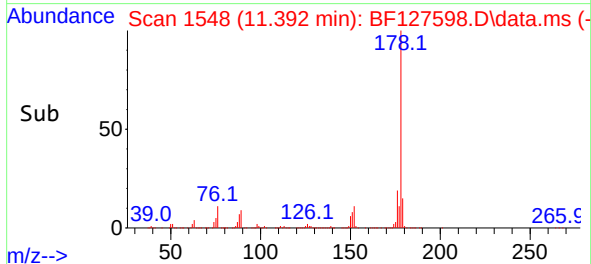
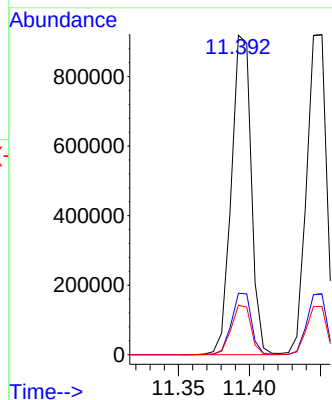
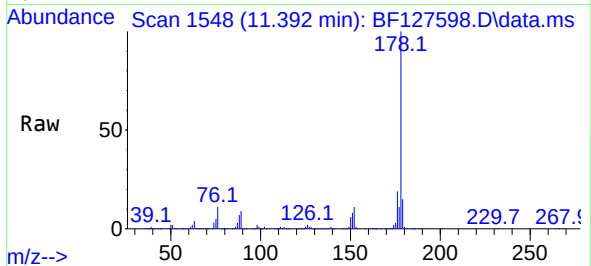
#71
Phenanthrene
Concen: 37.346 ng
RT: 11.392 min Scan# 11392
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB143744BS

Tgt Ion:178 Resp: 893133
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.4 18.6

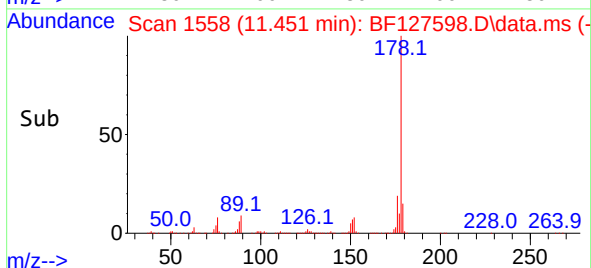
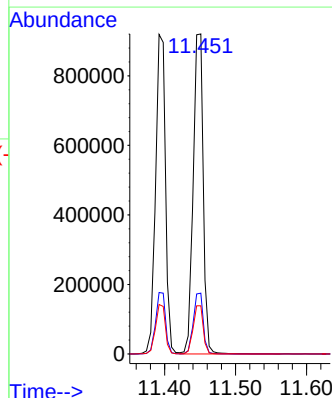
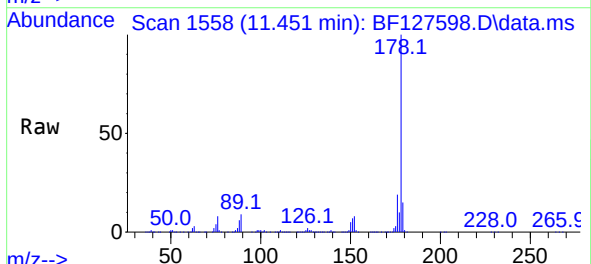
Manual Integrations
APPROVED

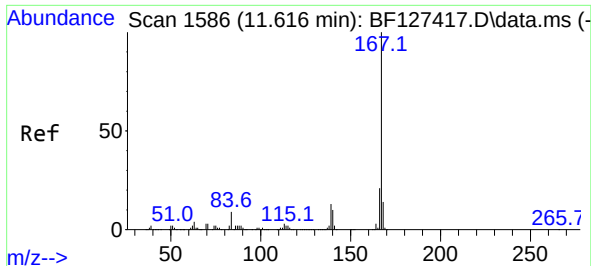
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#72
Anthracene
Concen: 38.145 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

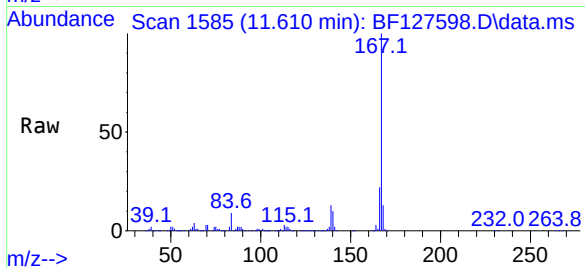
Tgt Ion:178 Resp: 905273
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 15.0 12.4 18.6





#73
Carbazole
Concen: 35.450 ng
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

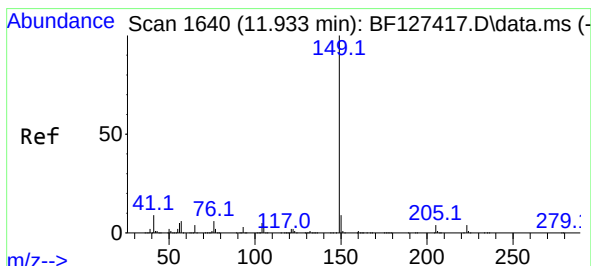
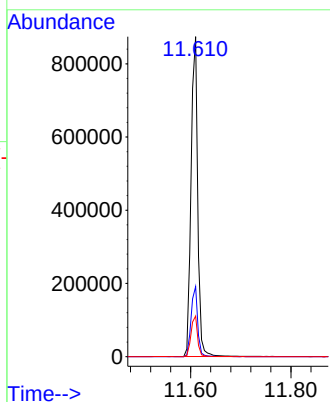
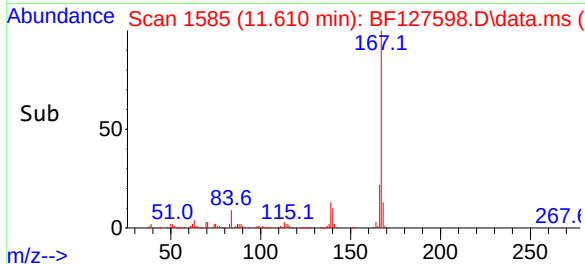
Instrument :
BNA_F
ClientSampleId :
PB143744BS



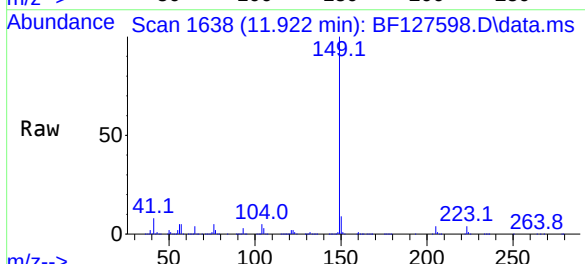
Tgt Ion:167 Resp: 804572
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.4
139 12.7 10.5 15.7

Manual Integrations
APPROVED

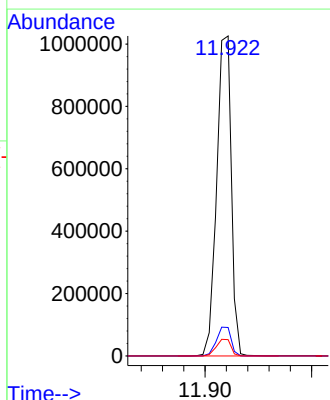
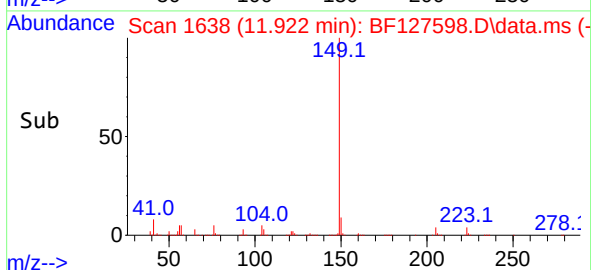
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

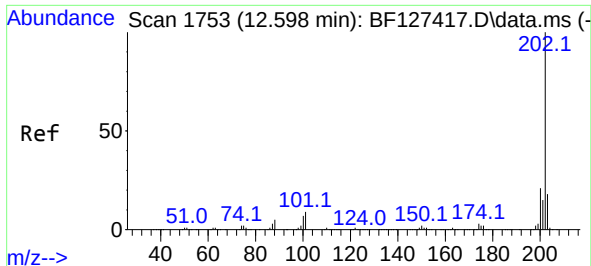


#74
Di-n-butylphthalate
Concen: 41.459 ng
RT: 11.922 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



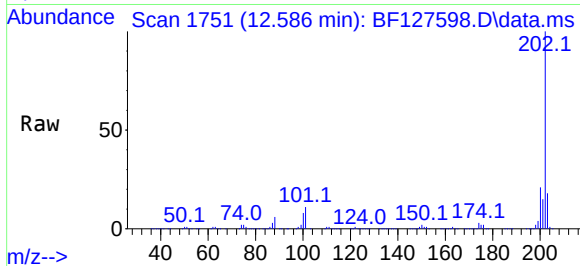
Tgt Ion:149 Resp: 973976
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 36.673 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

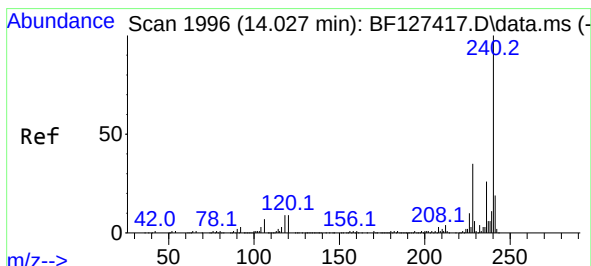
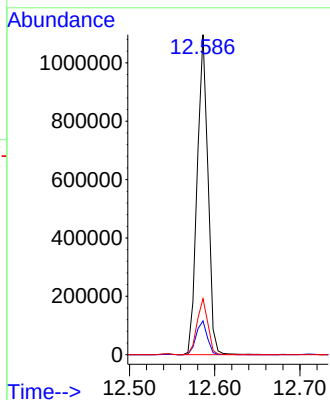
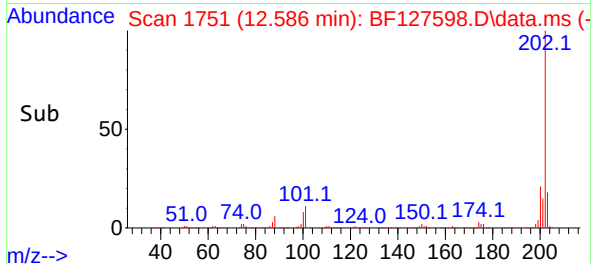
Instrument :
BNA_F
ClientSampleId :
PB143744BS



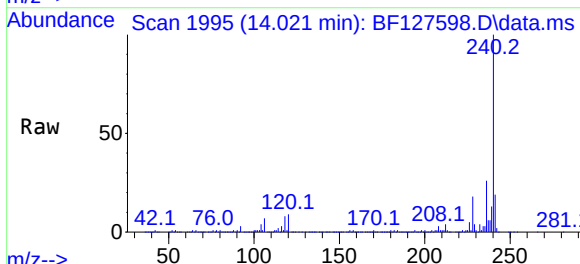
Tgt Ion:202 Resp: 964640
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.0
203 17.5 0.0 37.7

Manual Integrations
APPROVED

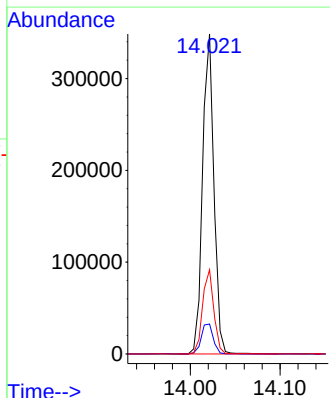
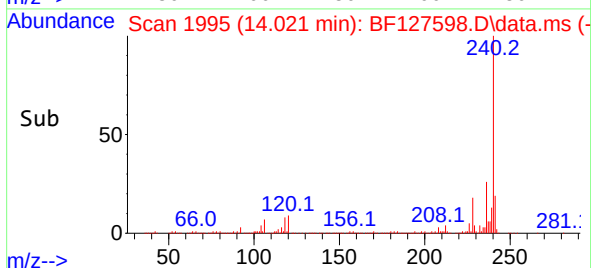
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

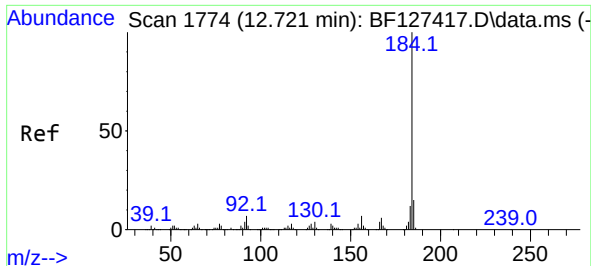


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



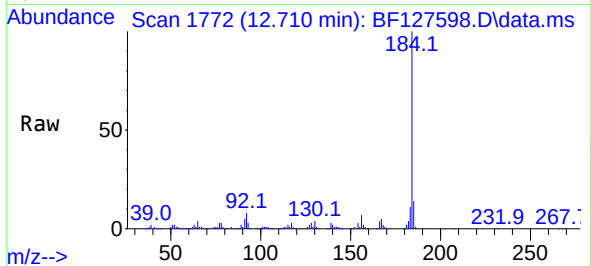
Tgt Ion:240 Resp: 305369
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 26.3 20.7 31.1





#77
Benzidine
Concen: 38.468 ng
RT: 12.710 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

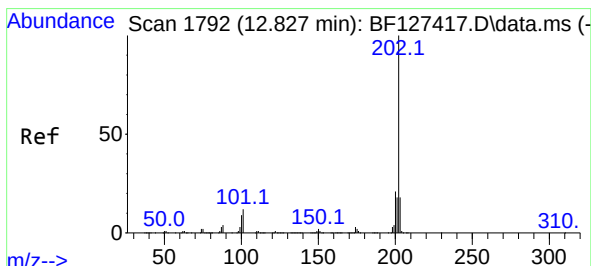
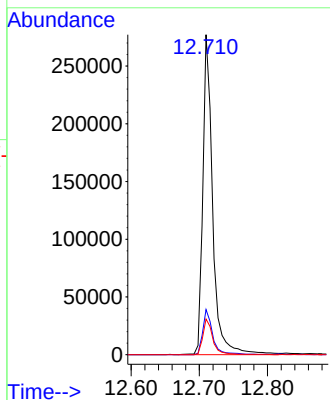
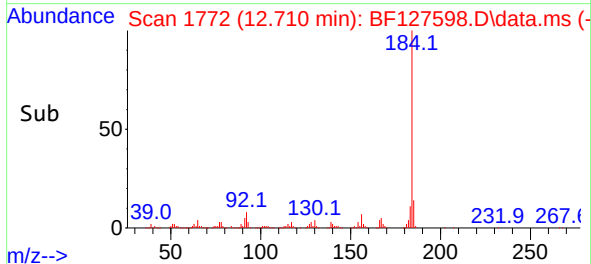
Instrument :
BNA_F
ClientSampleId :
PB143744BS



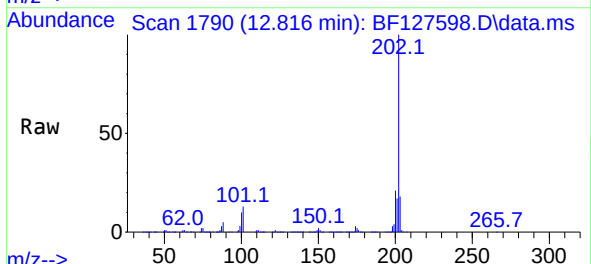
Tgt Ion:184 Resp: 280091
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 11.2 9.4 14.0

Manual Integrations
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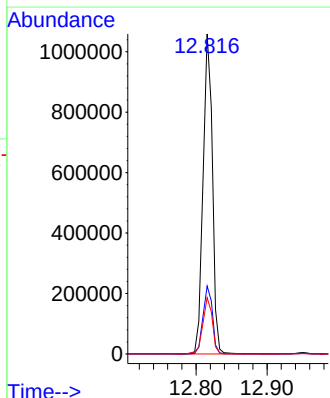
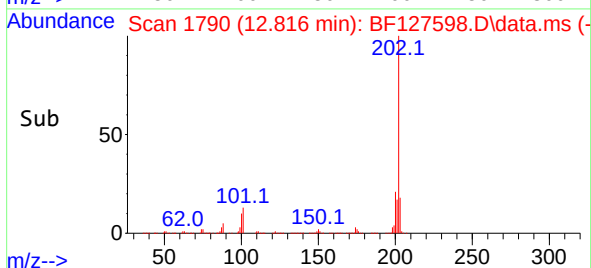
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

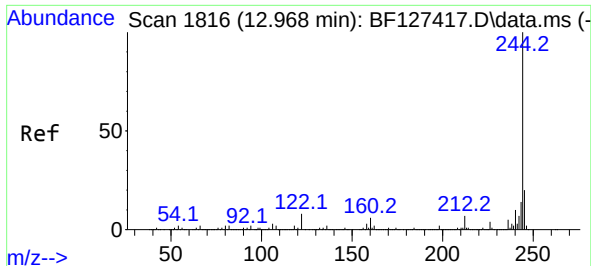


#78
Pyrene
Concen: 36.980 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



Tgt Ion:202 Resp: 969155
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.6 14.3 21.5





#79
Terphenyl-d14
Concen: 74.099 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

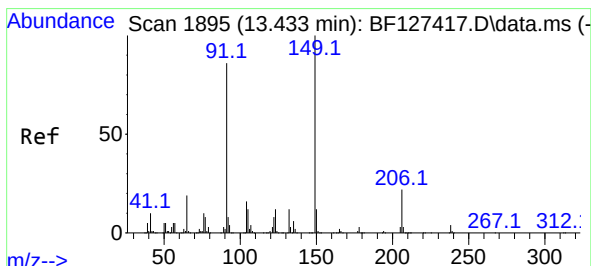
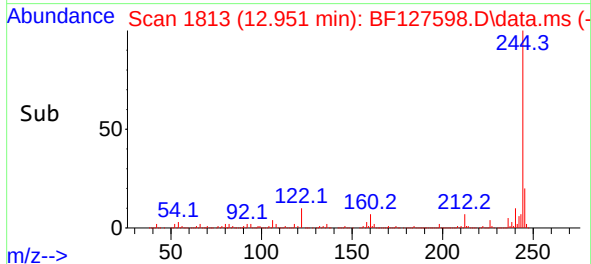
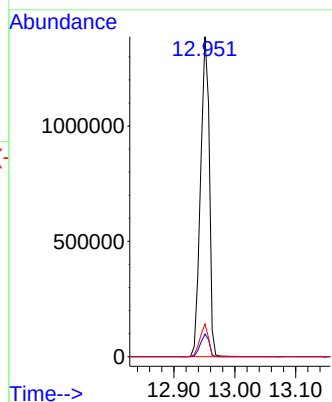
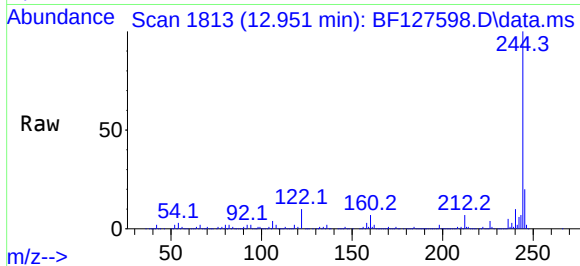
PB143744BS

Tgt Ion:244 Resp: 1382240
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.2 6.2 9.2

Manual Integrations

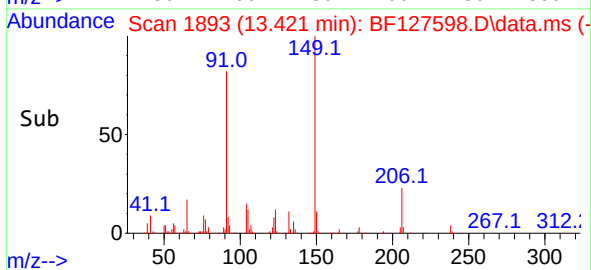
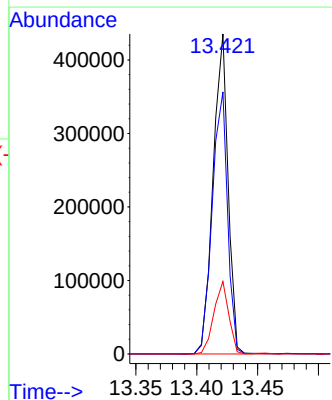
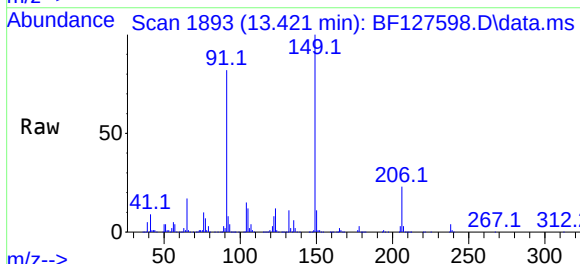
APPROVED

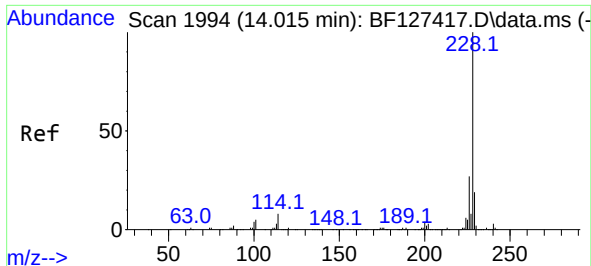
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#80
Butylbenzylphthalate
Concen: 43.149 ng
RT: 13.421 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion:149 Resp: 372179
Ion Ratio Lower Upper
149 100
91 81.9 69.1 103.7
206 22.6 17.7 26.5





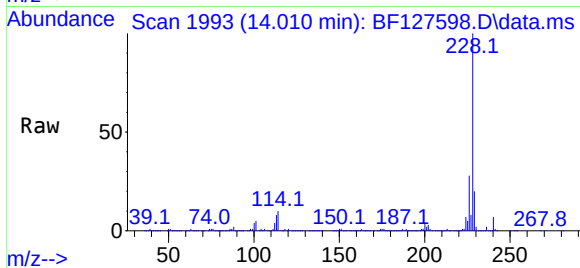
#81
Benzo(a)anthracene
Concen: 37.120 ng
RT: 14.010 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

PB143744BS

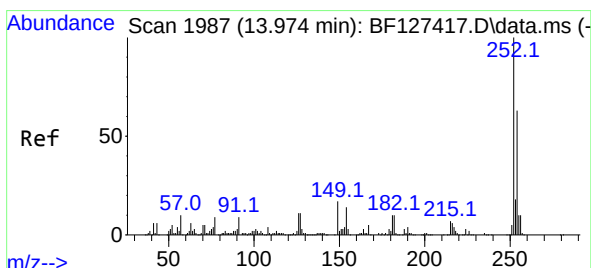
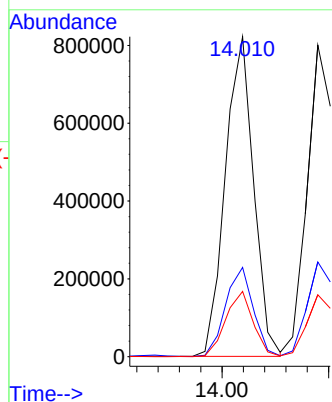
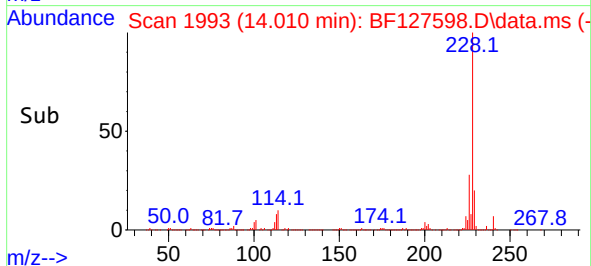


Tgt Ion:228 Resp: 758039
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.4 15.4 23.2

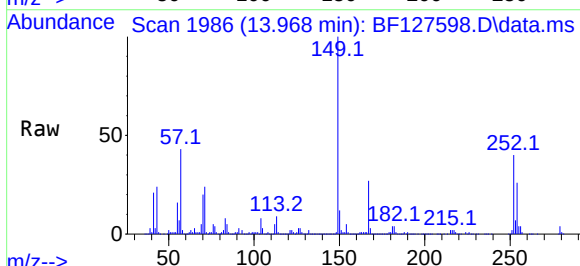
Manual Integrations

APPROVED

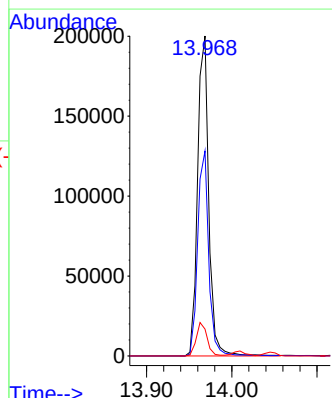
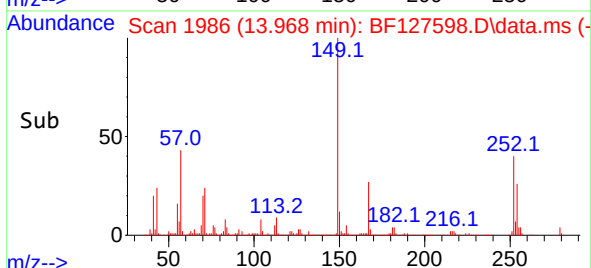
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

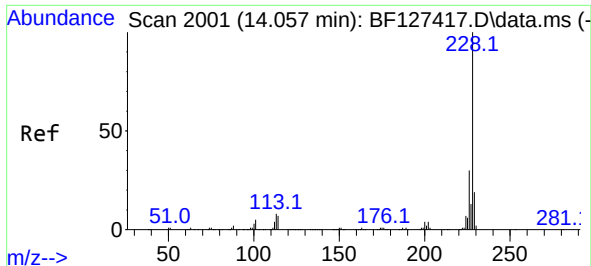


#82
3,3'-Dichlorobenzidine
Concen: 30.311 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



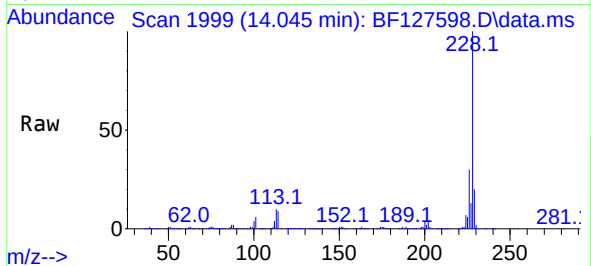
Tgt Ion:252 Resp: 181922
Ion Ratio Lower Upper
252 100
254 64.1 50.2 75.4
126 8.4 8.7 13.1#





#83
Chrysene
Concen: 37.220 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

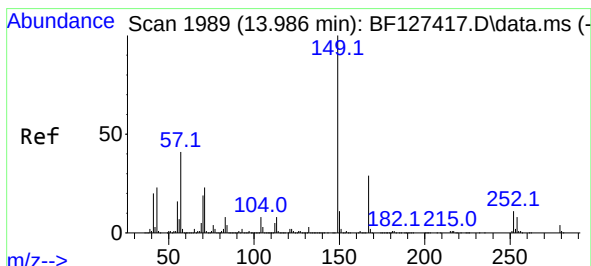
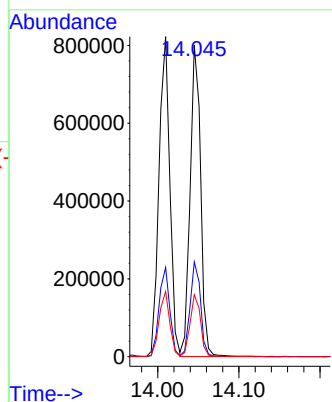
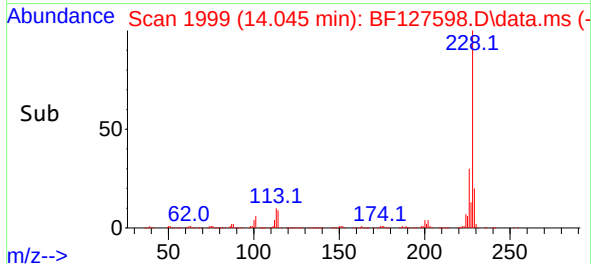
Instrument :
BNA_F
ClientSampleId :
PB143744BS



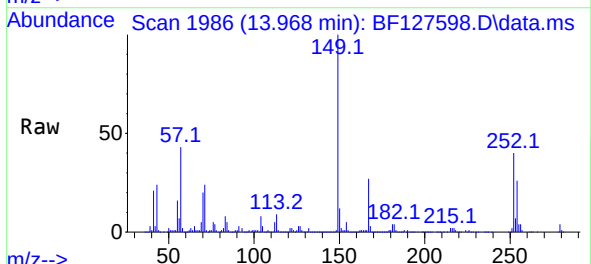
Tgt Ion:228 Resp: 719764
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.9 15.4 23.2

Manual Integrations
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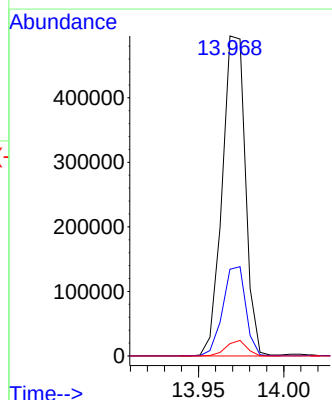
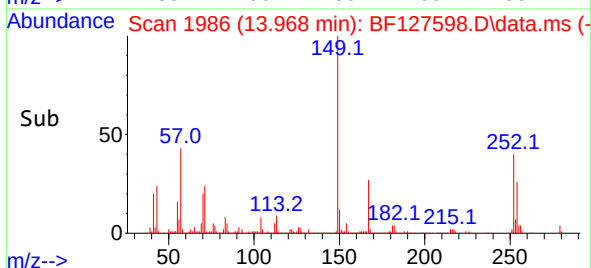
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

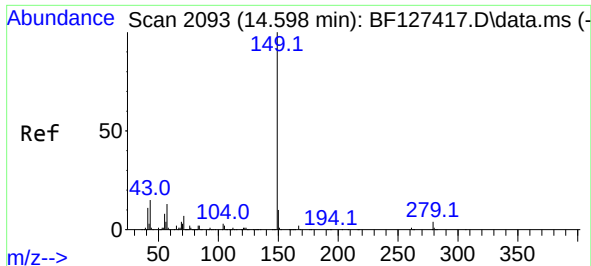


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.058 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03



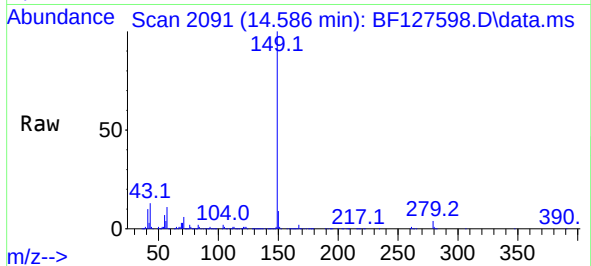
Tgt Ion:149 Resp: 469207
Ion Ratio Lower Upper
149 100
167 27.1 22.9 34.3
279 3.9 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 55.551 ng
RT: 14.586 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

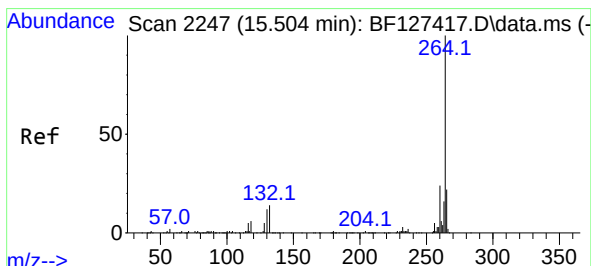
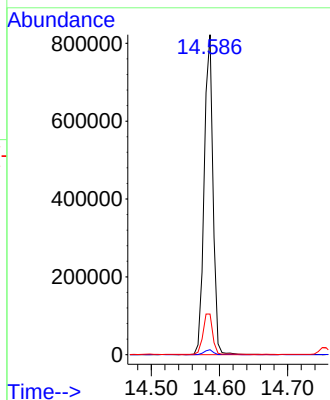
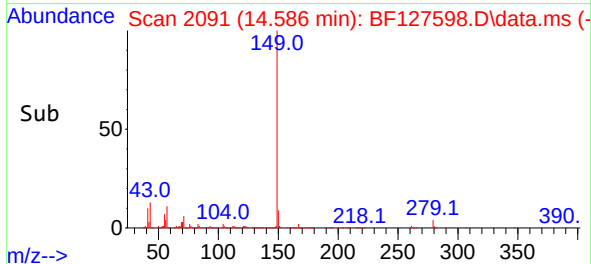
Instrument :
BNA_F
ClientSampleId :
PB143744BS



Tgt Ion:149 Resp: 737064
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.8 11.0 16.6

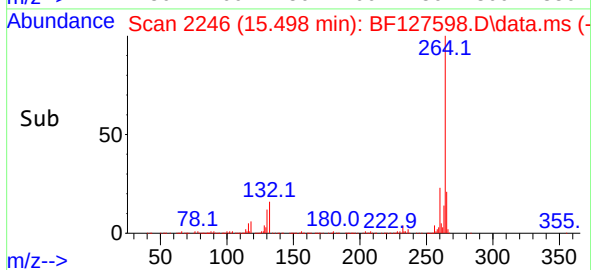
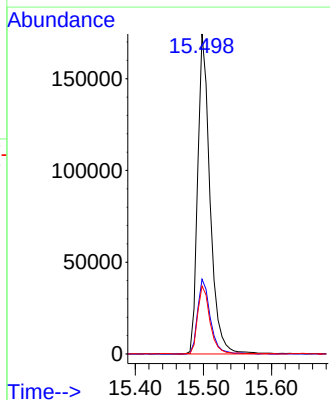
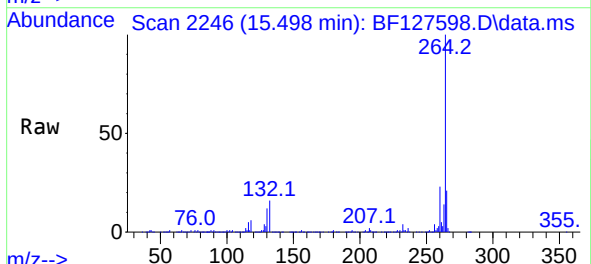
Manual Integrations
APPROVED

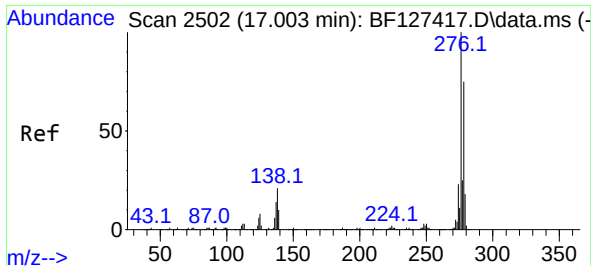
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion:264 Resp: 219743
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.666 ng
RT: 17.009 min Scan# 2172
Delta R.T. 0.018 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

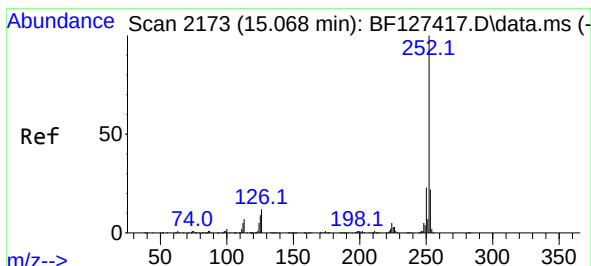
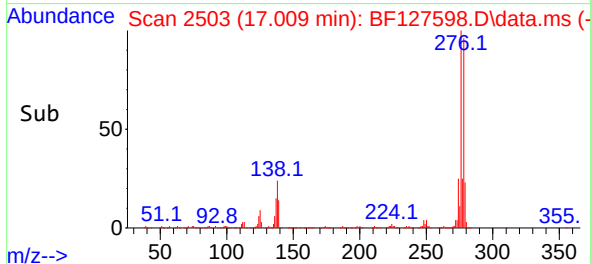
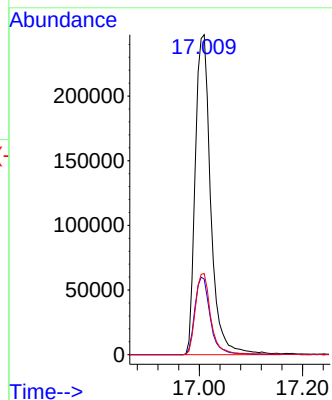
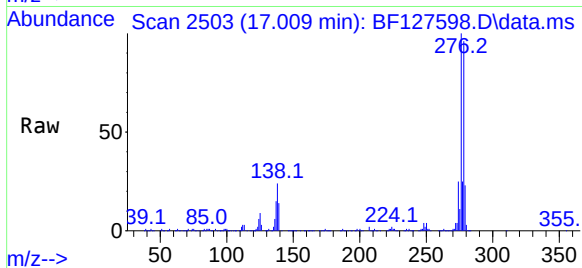
PB143744BS

Tgt Ion:276 Resp: 515458
Ion Ratio Lower Upper
276 100
138 24.1 17.1 25.7
277 25.2 19.9 29.9

Manual Integrations

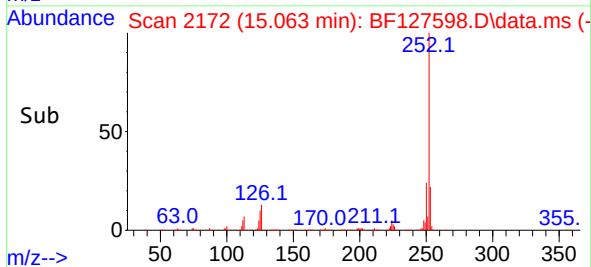
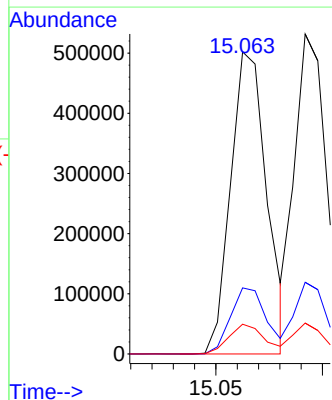
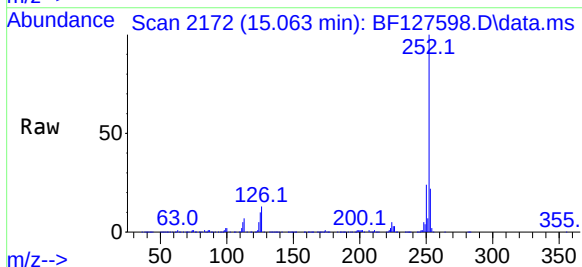
APPROVED

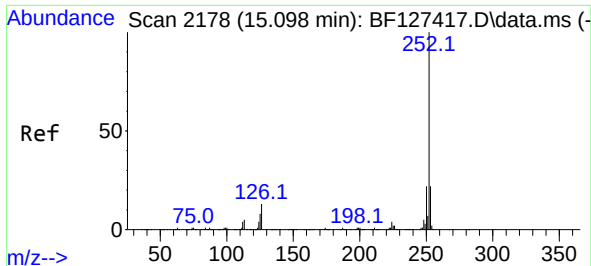
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#88
Benzo(b)fluoranthene
Concen: 42.762 ng
RT: 15.063 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion:252 Resp: 592478
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 40.061 ng

RT: 15.092 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Instrument :

BNA_F

ClientSampleId :

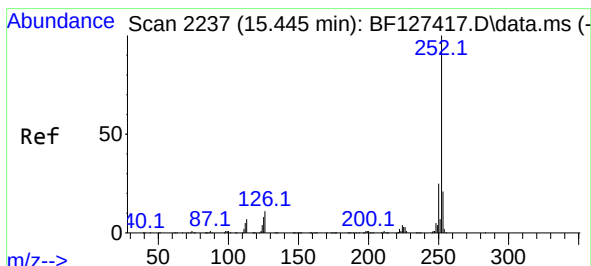
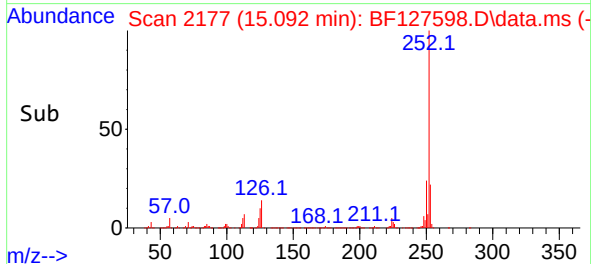
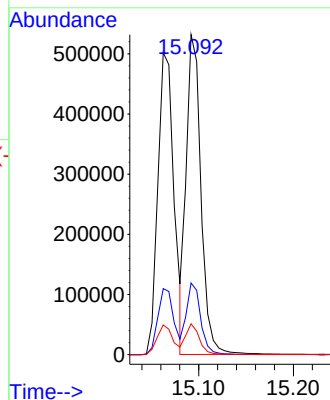
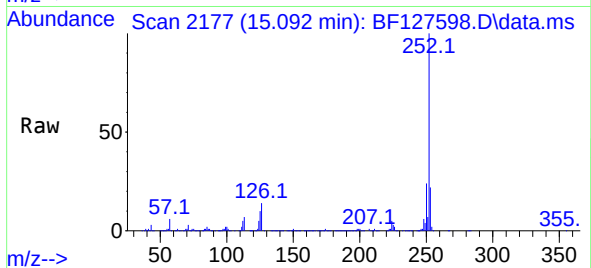
PB143744BS

Tgt Ion:252 Resp: 575411
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.3 25.9
 125 9.7 6.9 10.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/01/2022
 Supervised By :Jagrut Upadhyay 04/01/2022



#90

Benzo(a)pyrene

Concen: 47.364 ng

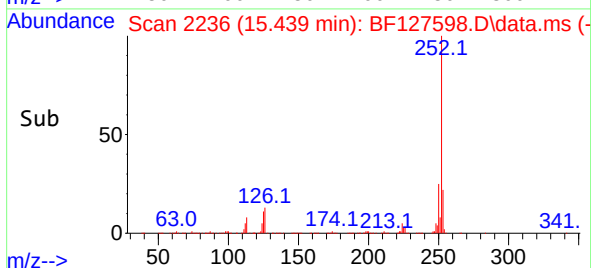
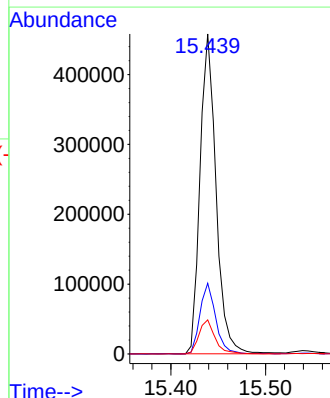
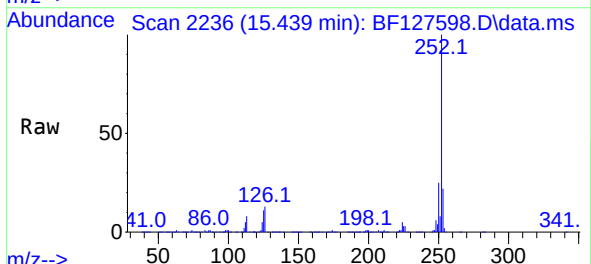
RT: 15.439 min Scan# 2236

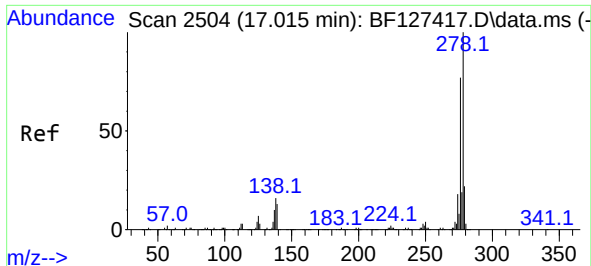
Delta R.T. 0.012 min

Lab File: BF127598.D

Acq: 31 Mar 2022 12:03

Tgt Ion:252 Resp: 538564
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.6
 125 10.6 6.7 10.1#





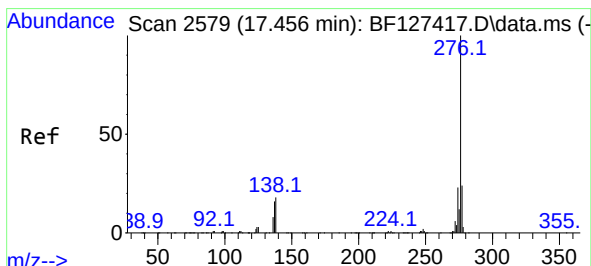
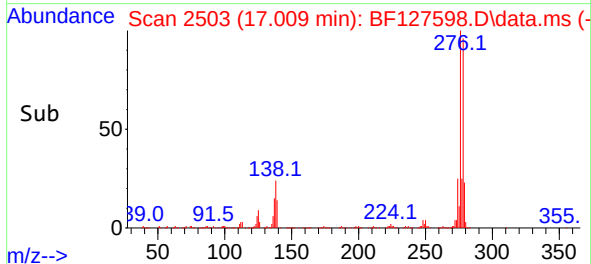
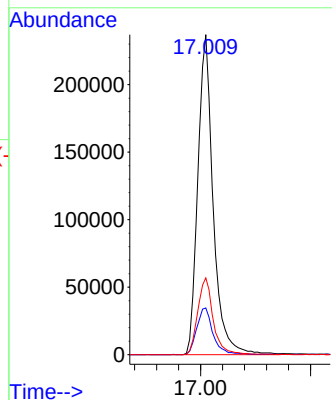
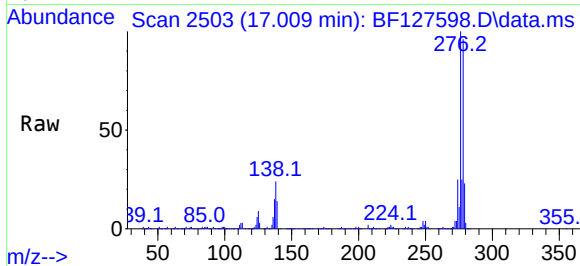
#91
Dibenzo(a,h)anthracene
Concen: 37.413 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Instrument :
BNA_F
ClientSampleId :
PB143744BS

Tgt Ion:278 Resp: 45928
Ion Ratio Lower Upper
278 100
139 14.6 10.8 16.2
279 24.0 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022



#92
Benzo(g,h,i)perylene
Concen: 36.085 ng
RT: 17.462 min Scan# 2580
Delta R.T. 0.018 min
Lab File: BF127598.D
Acq: 31 Mar 2022 12:03

Tgt Ion:276 Resp: 457875
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 19.8 14.6 22.0

