

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127140.D
 Acq On : 02 Mar 2022 11:44
 Operator : CG\JU
 Sample : PB143010BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143010BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/03/2022
 Supervised By : Jagrut Upadhyay 03/03/2022

Quant Time: Mar 03 00:55:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	98595	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	401593	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	203010	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	365556	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	237756	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	189442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	700037	109.738	ng	0.01
7) Phenol-d6	6.528	99	898434	104.375	ng	0.00
23) Nitrobenzene-d5	7.457	82	634731	71.341	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	286086	122.396	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1032657	74.885	ng	0.00
79) Terphenyl-d14	13.016	244	1208595	74.727	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	88235	30.227	ng	97
3) Pyridine	3.516	79	204789	26.747	ng	92
4) n-Nitrosodimethylamine	3.481	42	147104	39.221	ng	# 74
6) Aniline	6.557	93	353113	34.623	ng	96
8) 2-Chlorophenol	6.681	128	285817	41.758	ng	94
9) Benzaldehyde	6.446	77	133330	25.446	ng	97
10) Phenol	6.540	94	352543m	40.534	ng	
11) bis(2-Chloroethyl)ether	6.628	93	270609	39.668	ng	99
12) 1,3-Dichlorobenzene	6.834	146	301002	40.767	ng	99
13) 1,4-Dichlorobenzene	6.910	146	305338	40.792	ng	98
14) 1,2-Dichlorobenzene	7.063	146	288442	40.408	ng	97
15) Benzyl Alcohol	7.034	79	280816	38.725	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.163	45	370012	34.445	ng	92
17) 2-Methylphenol	7.145	107	245762	41.501	ng	93
18) Hexachloroethane	7.404	117	116731	40.684	ng	# 84
19) n-Nitroso-di-n-propyla...	7.304	70	210637	37.976	ng	# 97
20) 3+4-Methylphenols	7.298	107	304266	39.568	ng	93
22) Acetophenone	7.304	105	412441	39.006	ng	# 97
24) Nitrobenzene	7.475	77	337775	40.188	ng	95
25) Isophorone	7.716	82	571517	38.819	ng	# 97
26) 2-Nitrophenol	7.792	139	150540	42.068	ng	# 84
27) 2,4-Dimethylphenol	7.828	122	261329	44.453	ng	92
28) bis(2-Chloroethoxy)met...	7.922	93	331499	37.141	ng	98
29) 2,4-Dichlorophenol	8.034	162	227601	41.180	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	245649	39.754	ng	97
31) Naphthalene	8.198	128	835071	39.834	ng	99
32) Benzoic acid	7.957	122	168755	40.476	ng	91
33) 4-Chloroaniline	8.245	127	244199	29.594	ng	98
34) Hexachlorobutadiene	8.310	225	145747	40.401	ng	99
35) Caprolactam	8.622	113	75749m	39.246	ng	
36) 4-Chloro-3-methylphenol	8.734	107	286139	40.508	ng	98
37) 2-Methylnaphthalene	8.887	142	551256	40.524	ng	97
38) 1-Methylnaphthalene	8.987	142	514511	39.498	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	222987	41.727	ng	99
41) Hexachlorocyclopentadiene	9.039	237	250078	86.283	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	159685	40.742	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	167846	40.695	ng	95
46) 1,1'-Biphenyl	9.357	154	642571	39.951	ng	97
47) 2-Chloronaphthalene	9.381	162	479011	40.161	ng	93
48) 2-Nitroaniline	9.481	65	191232	40.630	ng	98
49) Acenaphthylene	9.798	152	793491	40.956	ng	99
50) Dimethylphthalate	9.657	163	582151	40.118	ng	99
51) 2,6-Dinitrotoluene	9.722	165	128582	43.553	ng	88
52) Acenaphthene	9.969	154	579685m	46.006	ng	
53) 3-Nitroaniline	9.892	138	110937	30.740	ng	98
54) 2,4-Dinitrophenol	10.004	184	136169	87.141	ng	# 80
55) Dibenzofuran	10.145	168	698238	40.300	ng	93
56) 4-Nitrophenol	10.063	139	213412	80.067	ng	# 78
57) 2,4-Dinitrotoluene	10.128	165	176204	44.142	ng	# 97
58) Fluorene	10.486	166	563266	41.736	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	135690	41.498	ng	96
60) Diethylphthalate	10.357	149	606388	39.992	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	259944	40.847	ng	96
62) 4-Nitroaniline	10.516	138	144091	40.433	ng	# 77
63) Azobenzene	10.639	77	634563	37.584	ng	92
65) 4,6-Dinitro-2-methylph...	10.539	198	87655	40.810	ng	91
66) n-Nitrosodiphenylamine	10.598	169	483389	40.327	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	169569	41.517	ng	98
68) Hexachlorobenzene	11.033	284	191324	43.513	ng	91
69) Atrazine	11.122	200	162603	43.737	ng	99
70) Pentachlorophenol	11.228	266	198796	82.824	ng	99
71) Phenanthrene	11.451	178	848684	41.478	ng	100
72) Anthracene	11.504	178	868181	42.622	ng	99
73) Carbazole	11.663	167	738957	39.560	ng	99
74) Di-n-butylphthalate	11.980	149	931041	38.771	ng	99
75) Fluoranthene	12.645	202	835736	43.018	ng	94
77) Benzidine	12.763	184	297916	46.109	ng	97
78) Pyrene	12.874	202	832507	40.304	ng	99
80) Butylbenzylphthalate	13.486	149	374149	38.261	ng	# 86
81) Benzo(a)anthracene	14.063	228	640491	39.959	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	183349	36.297	ng	# 98
83) Chrysene	14.104	228	617809	40.988	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	485972	37.853	ng	# 97
85) Di-n-octyl phthalate	14.657	149	732150	39.608	ng	94
87) Indeno(1,2,3-cd)pyrene	17.086	276	538690	43.366	ng	# 84
88) Benzo(b)fluoranthene	15.127	252	568230	44.659	ng	# 92
89) Benzo(k)fluoranthene	15.157	252	542794	44.229	ng	# 94
90) Benzo(a)pyrene	15.504	252	508786	51.194	ng	# 93
91) Dibenzo(a,h)anthracene	17.098	278	453858	44.177	ng	# 91
92) Benzo(g,h,i)perylene	17.551	276	447919	44.224	ng	# 85

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

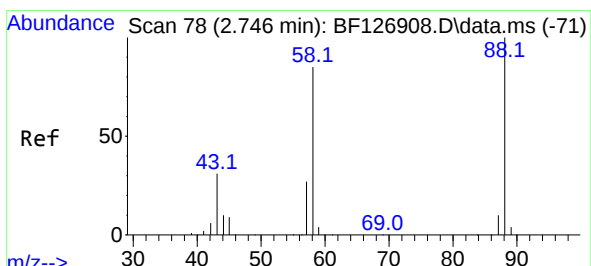
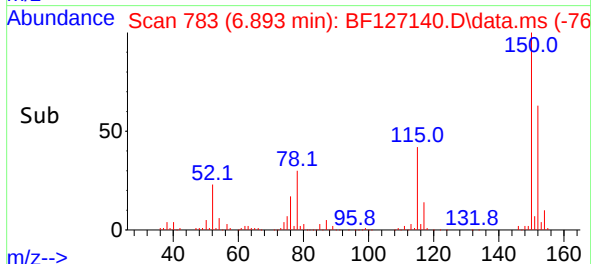
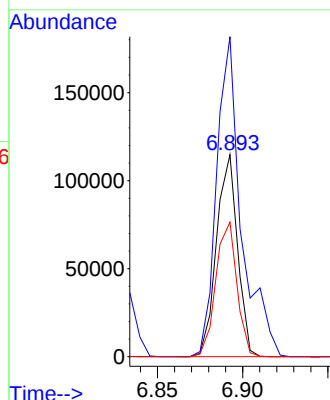
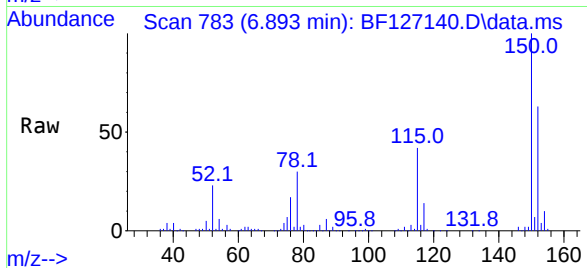
PB143010BS

Tgt Ion:152 Resp: 9859
Ion Ratio Lower Upper
152 100
150 158.4 128.1 192.1
115 66.6 56.7 85.1

Manual Integrations

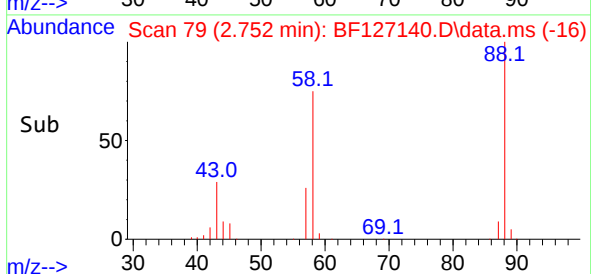
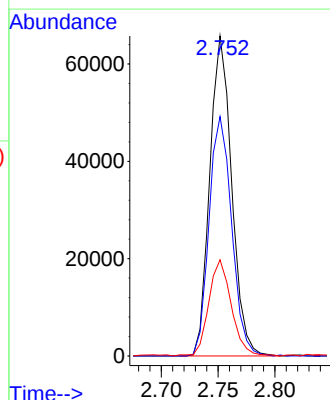
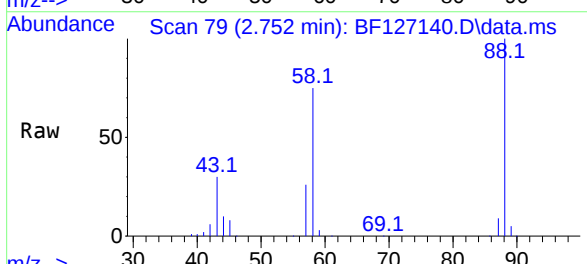
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Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#2
1,4-Dioxane
Concen: 30.227 ng
RT: 2.752 min Scan# 79
Delta R.T. 0.071 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

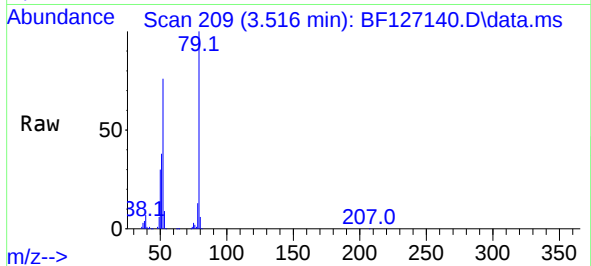
Tgt Ion: 88 Resp: 88235
Ion Ratio Lower Upper
88 100
58 77.2 62.8 94.2
43 31.0 22.3 33.5





#3
Pyridine
Concen: 26.747 ng
RT: 3.516 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

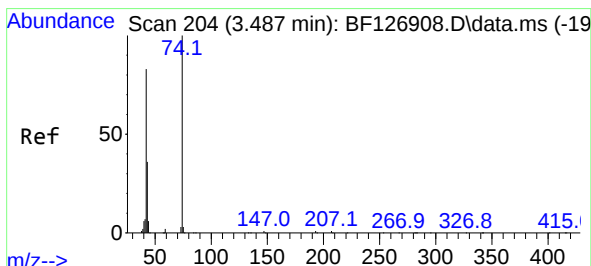
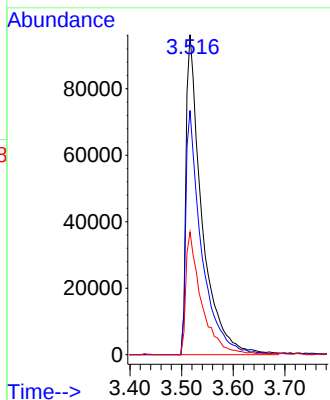
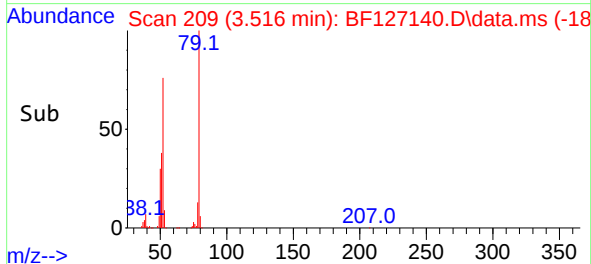
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BNA_F
ClientSampleId :
PB143010BS



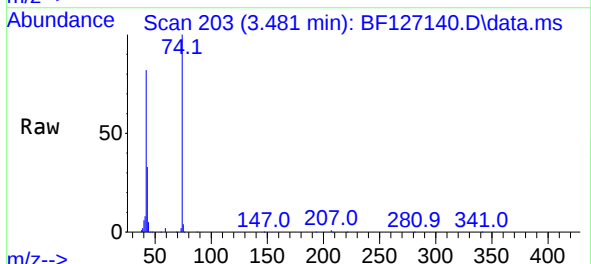
Tgt Ion: 79 Resp: 204789
Ion Ratio Lower Upper
79 100
52 76.3 56.2 84.4
51 38.3 26.7 40.1

Manual Integrations
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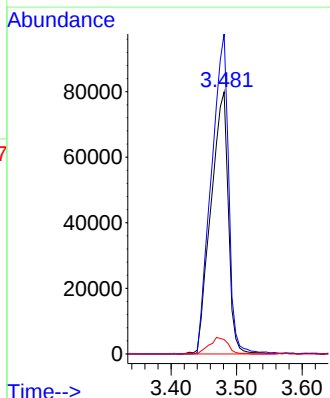
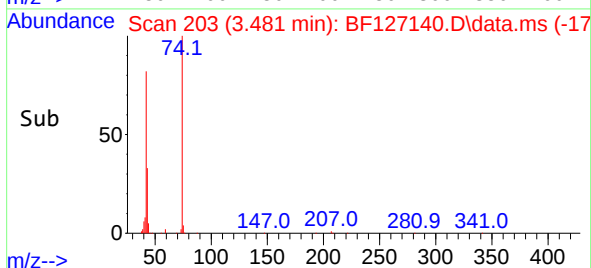
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#4
n-Nitrosodimethylamine
Concen: 39.221 ng
RT: 3.481 min Scan# 203
Delta R.T. 0.065 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion: 42 Resp: 147104
Ion Ratio Lower Upper
42 100
74 122.2 125.6 188.4#
44 5.5 5.7 8.5#





#5
2-Fluorophenol
Concen: 109.738 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

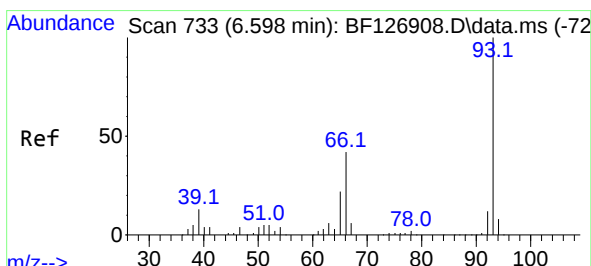
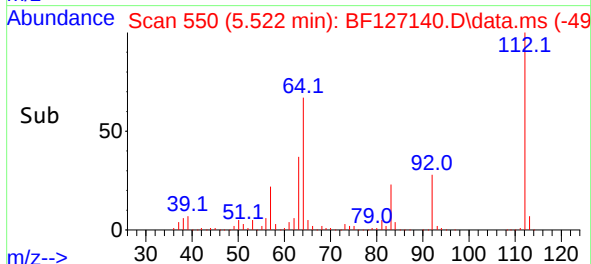
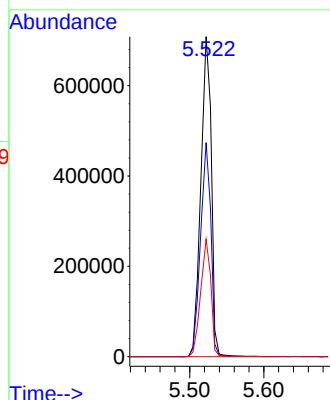
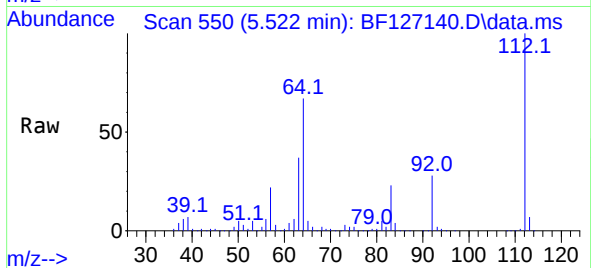
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Tgt Ion:112 Resp: 70003
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.7 23.9 35.9

Manual Integrations

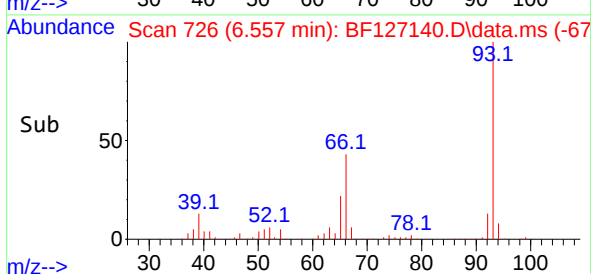
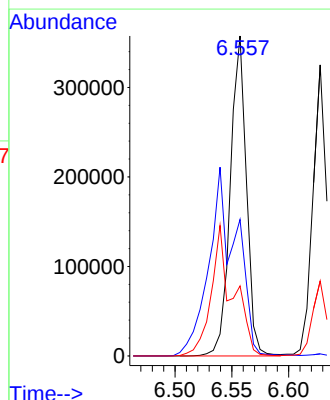
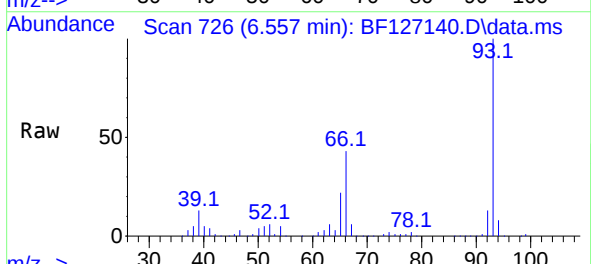
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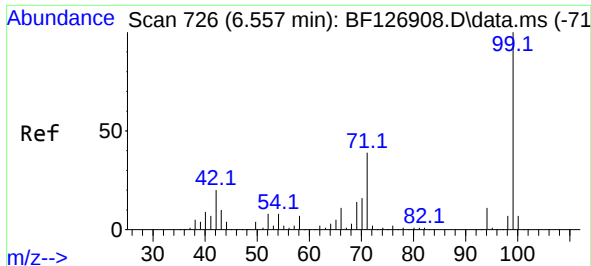
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#6
Aniline
Concen: 34.623 ng
RT: 6.557 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion: 93 Resp: 353113
Ion Ratio Lower Upper
93 100
66 42.7 32.2 48.4
65 21.9 16.3 24.5





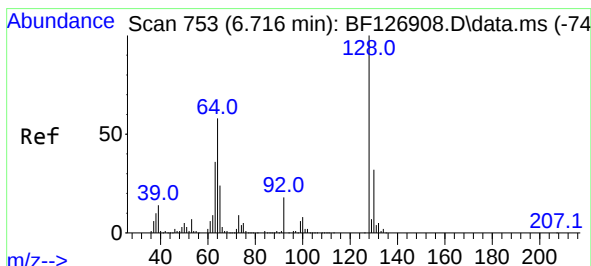
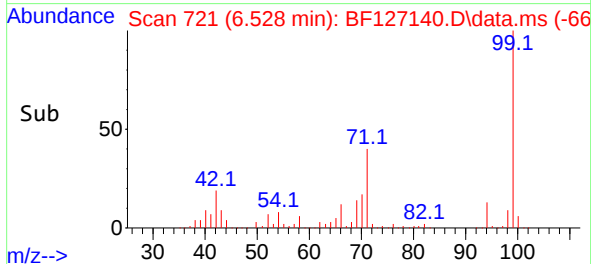
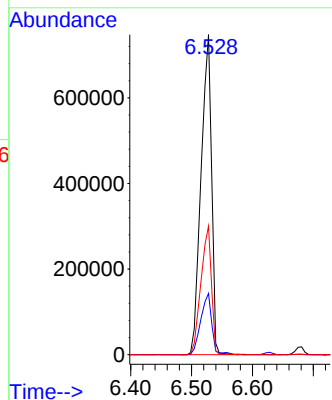
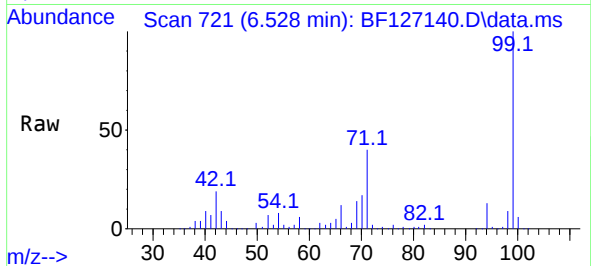
#7
Phenol-d6
Concen: 104.375 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB143010BS

Tgt Ion: 99 Resp: 898434
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 40.2 24.3 36.5

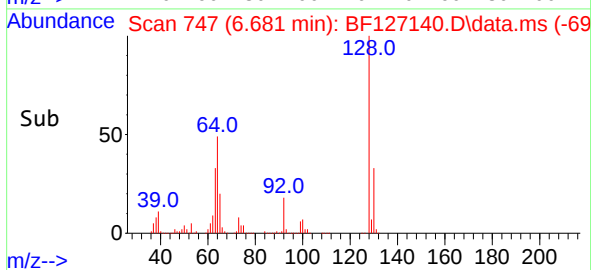
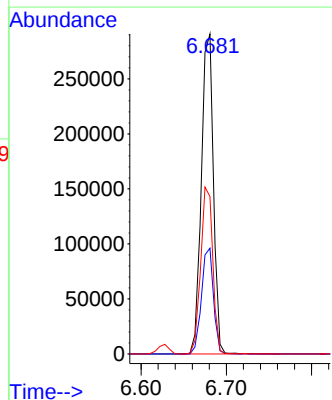
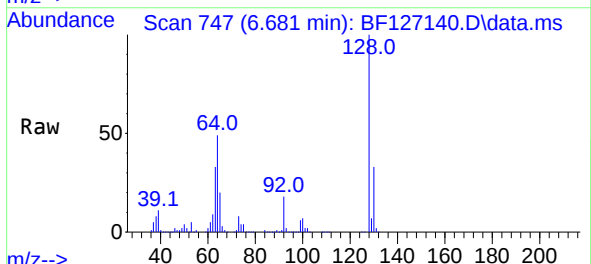
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#8
2-Chlorophenol
Concen: 41.758 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

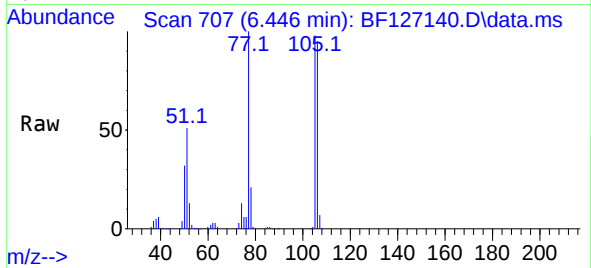
Tgt Ion:128 Resp: 285817
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 49.2 35.6 75.6





#9
Benzaldehyde
Concen: 25.446 ng
RT: 6.446 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

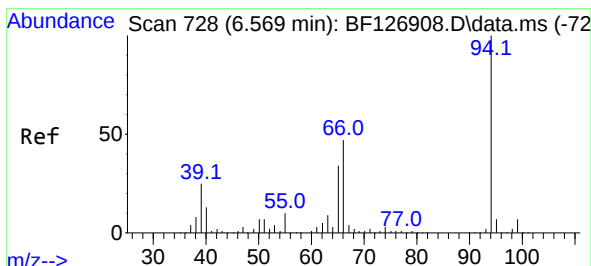
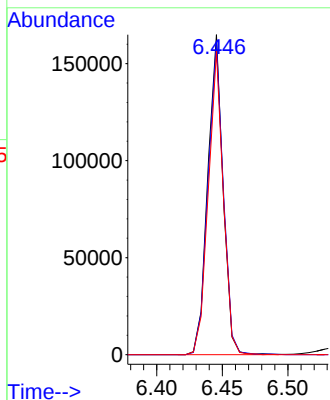
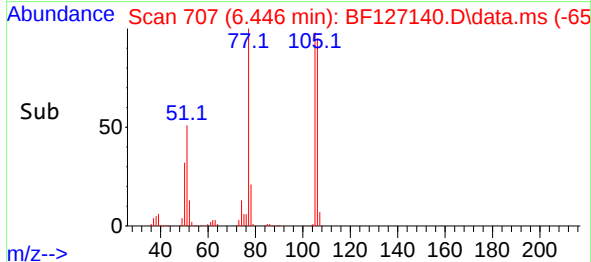
Instrument :
BNA_F
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PB143010BS



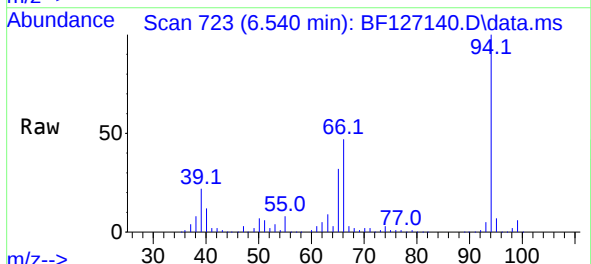
Tgt Ion: 77 Resp: 133330
Ion Ratio Lower Upper
77 100
105 98.1 74.9 114.9
106 94.8 72.4 112.4

Manual Integrations
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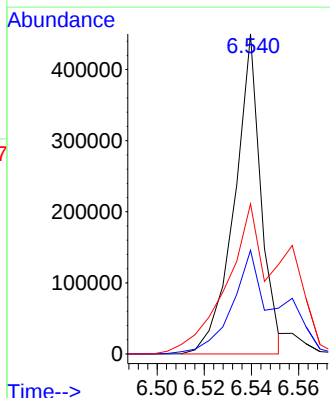
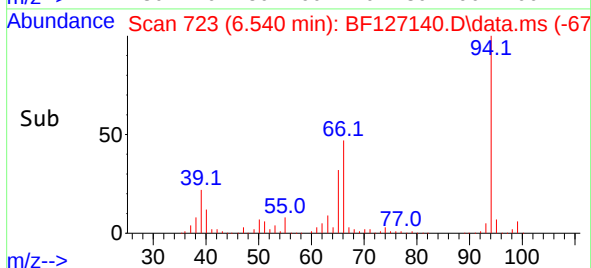
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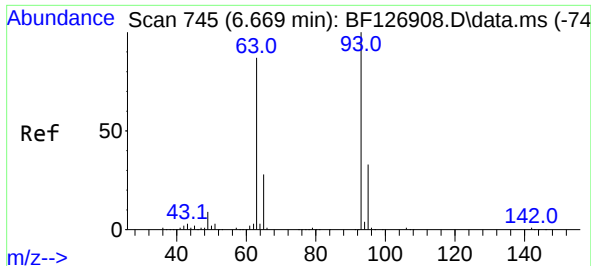


#10
Phenol
Concen: 40.534 ng m
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



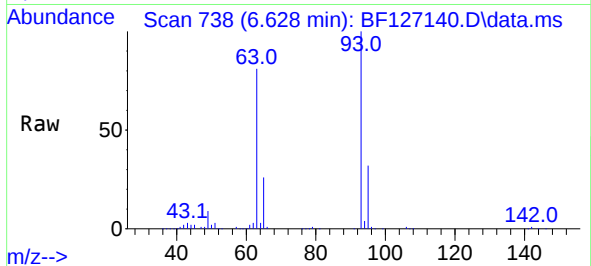
Tgt Ion: 94 Resp: 352543
Ion Ratio Lower Upper
94 100
65 32.4 7.2 47.2
66 46.9 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 39.668 ng
RT: 6.628 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

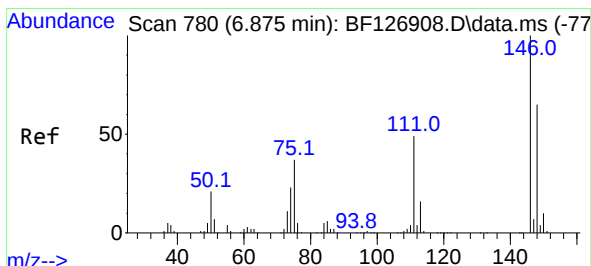
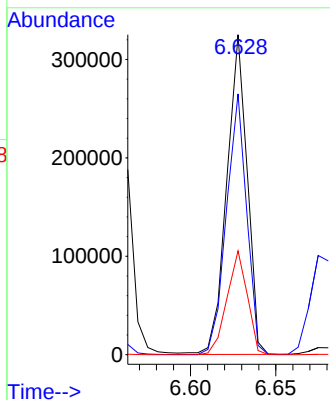
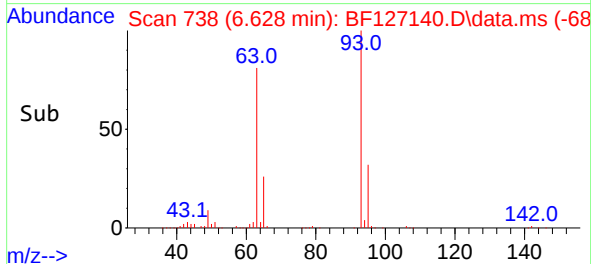
Instrument :
BNA_F
ClientSampleId :
PB143010BS



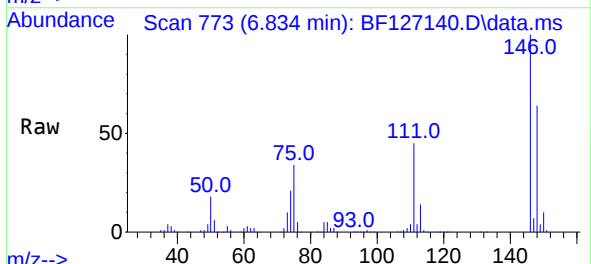
Tgt Ion: 93 Resp: 270609
Ion Ratio Lower Upper
93 100
63 81.5 60.5 100.5
95 32.5 12.9 52.9

Manual Integrations
APPROVED

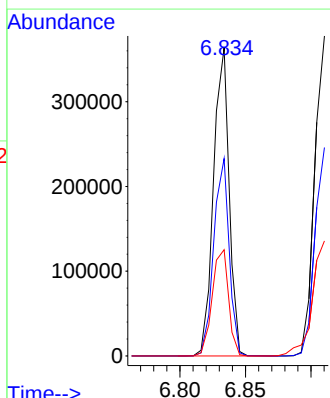
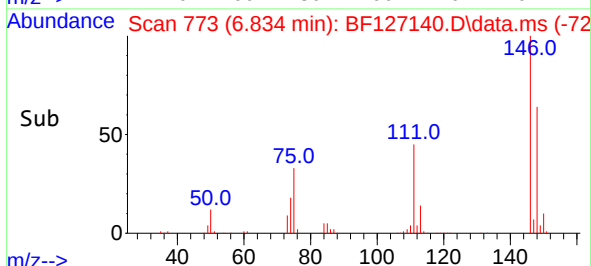
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

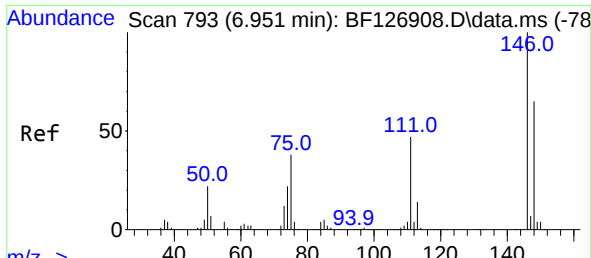


#12
1,3-Dichlorobenzene
Concen: 40.767 ng
RT: 6.834 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



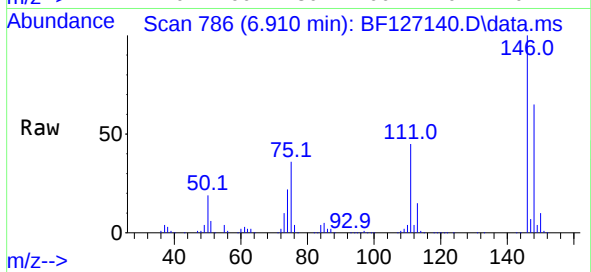
Tgt Ion:146 Resp: 301002
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 34.5 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 40.792 ng
RT: 6.910 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

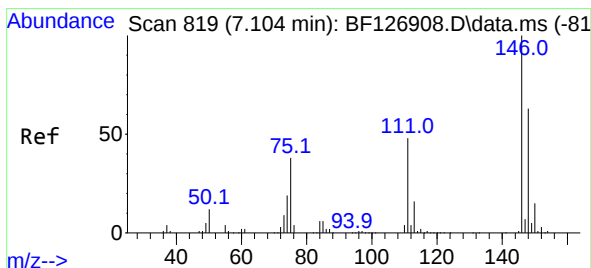
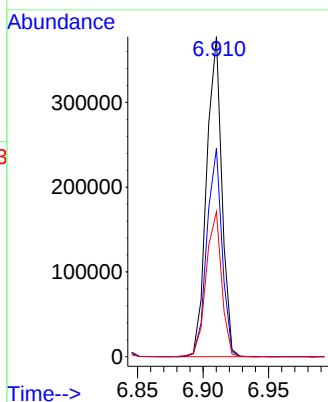
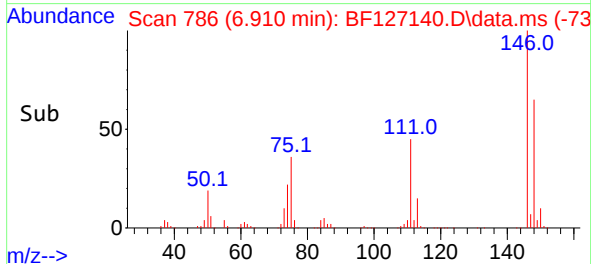
Instrument :
BNA_F
ClientSampleId :
PB143010BS



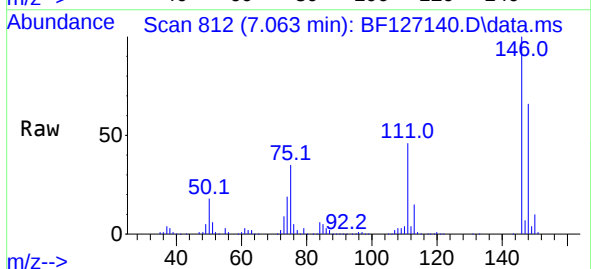
Tgt Ion:146 Resp: 305338
Ion Ratio Lower Upper
146 100
148 65.2 49.8 74.6
111 45.3 36.1 54.1

Manual Integrations
APPROVED

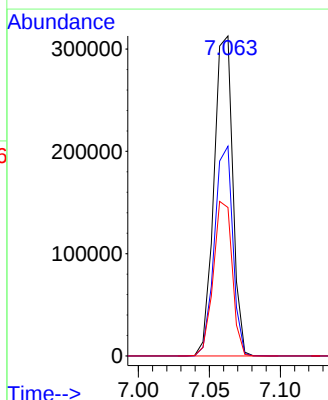
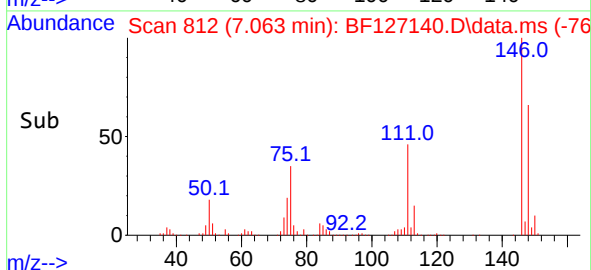
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

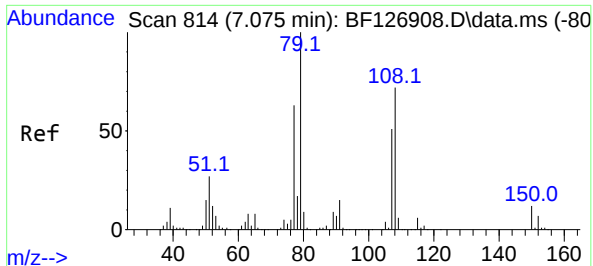


#14
1,2-Dichlorobenzene
Concen: 40.408 ng
RT: 7.063 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:146 Resp: 288442
Ion Ratio Lower Upper
146 100
148 65.6 51.6 77.4
111 46.4 40.2 60.2





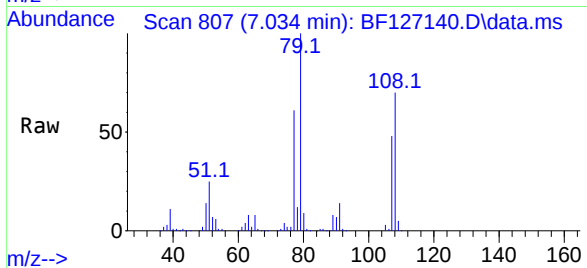
#15
Benzyl Alcohol
Concen: 38.725 ng
RT: 7.034 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

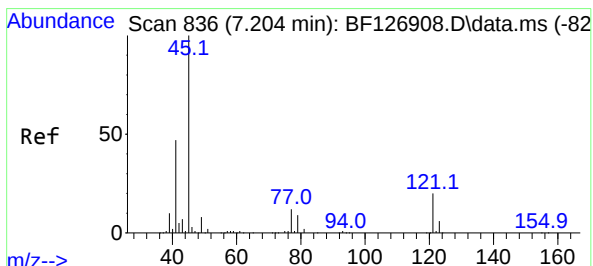
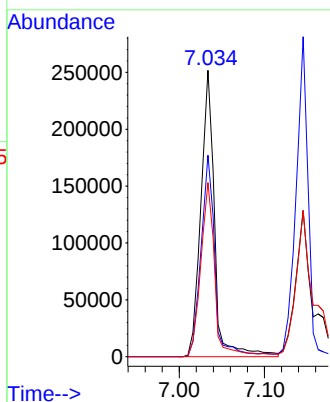
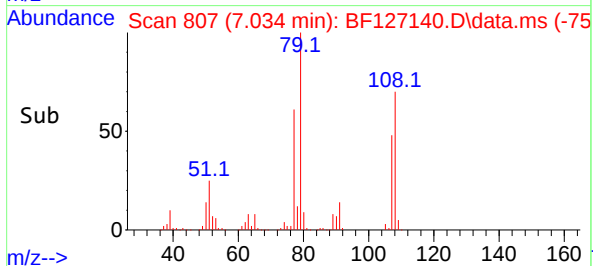


Tgt Ion: 79 Resp: 280810
Ion Ratio Lower Upper
79 100
108 70.3 63.2 94.8
77 60.8 49.4 74.2

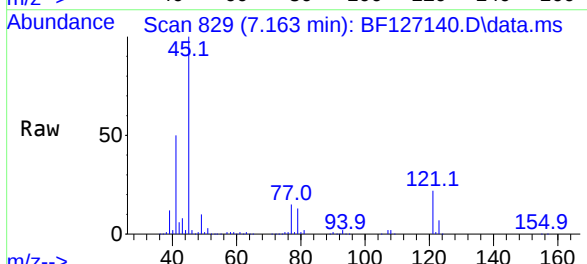
Manual Integrations

APPROVED

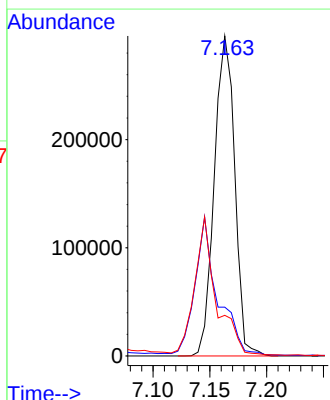
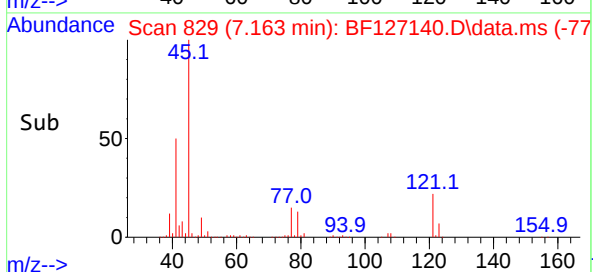
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

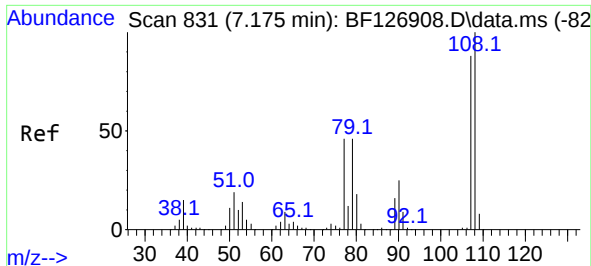


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.445 ng
RT: 7.163 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



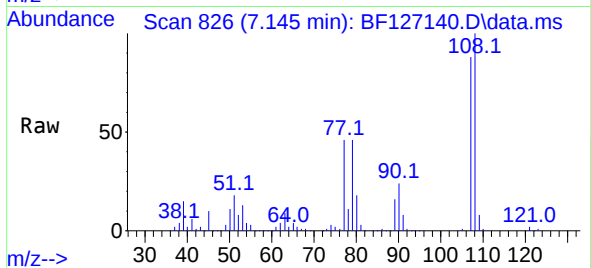
Tgt Ion: 45 Resp: 370012
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.4
79 12.7 0.0 29.8





#17
2-Methylphenol
Concen: 41.501 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

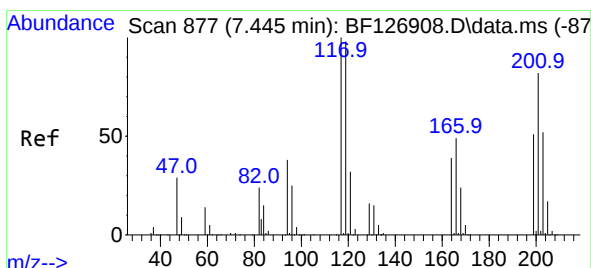
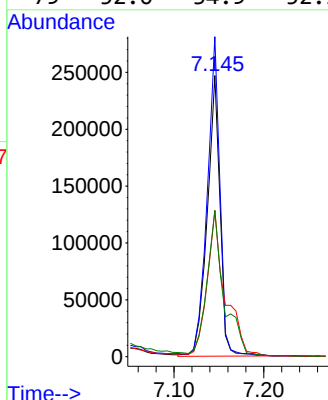
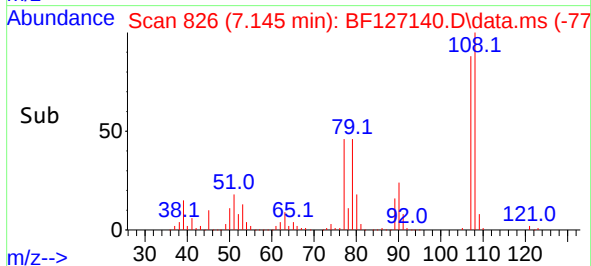
Instrument :
BNA_F
ClientSampleId :
PB143010BS



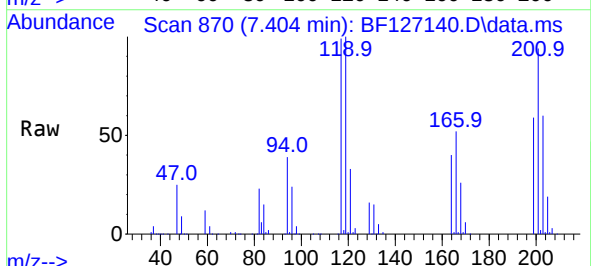
Tgt Ion:107 Resp: 245762
Ion Ratio Lower Upper
107 100
108 113.9 93.4 140.0
77 52.0 36.1 54.1
79 52.0 34.9 52.3

Manual Integrations
APPROVED

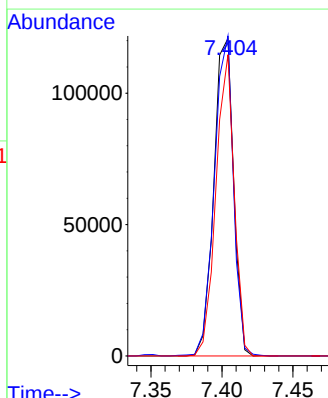
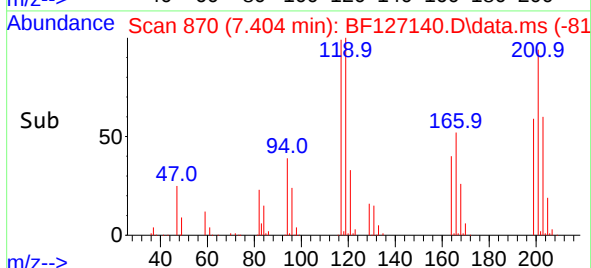
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

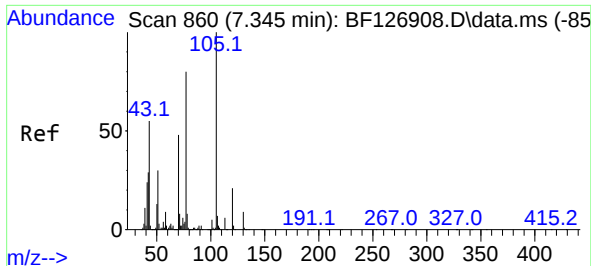


#18
Hexachloroethane
Concen: 40.684 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



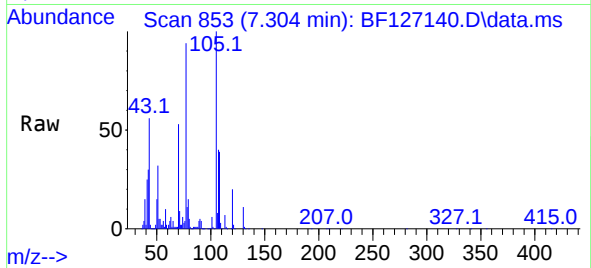
Tgt Ion:117 Resp: 116731
Ion Ratio Lower Upper
117 100
119 100.8 75.4 113.0
201 94.9 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 37.976 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

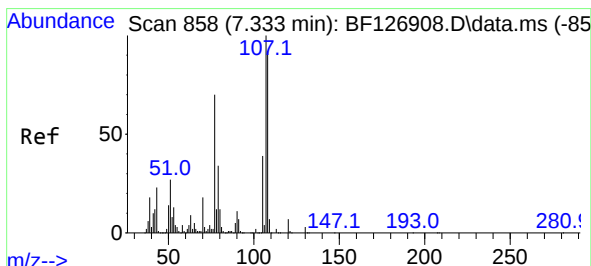
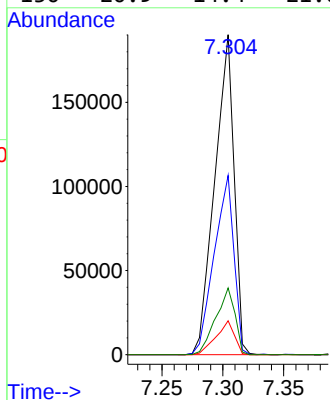
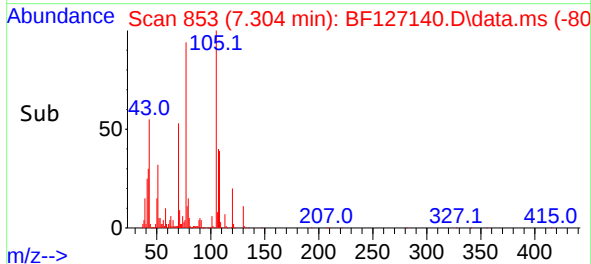
Instrument :
BNA_F
ClientSampleId :
PB143010BS



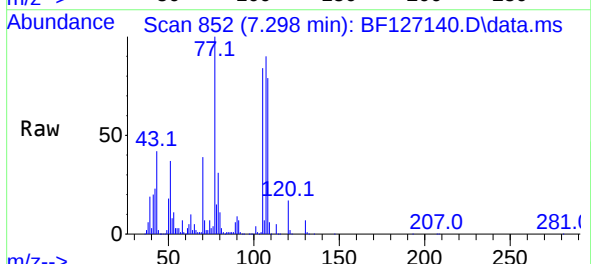
Tgt Ion: 70 Resp: 21063
Ion Ratio Lower Upper
70 100
42 56.0 45.8 68.8
101 10.6 6.9 10.3
130 20.9 14.4 21.6

Manual Integrations
APPROVED

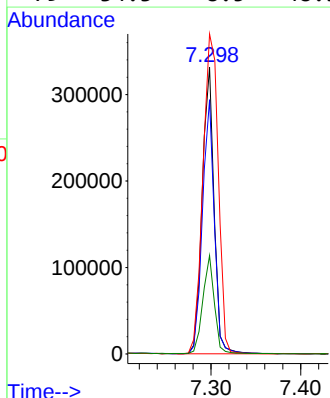
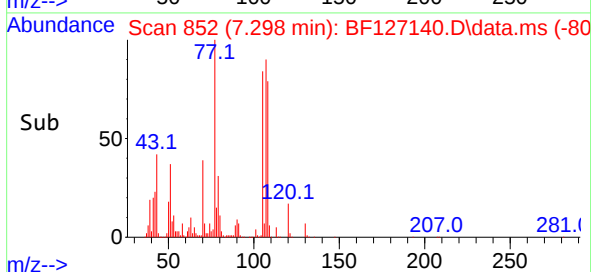
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

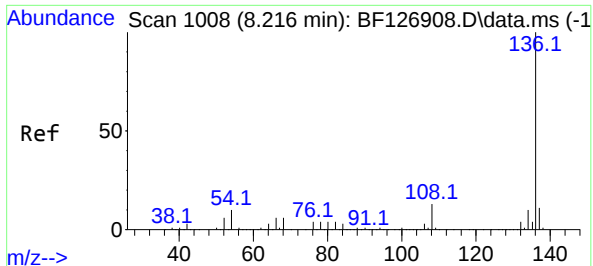


#20
3+4-Methylphenols
Concen: 39.568 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



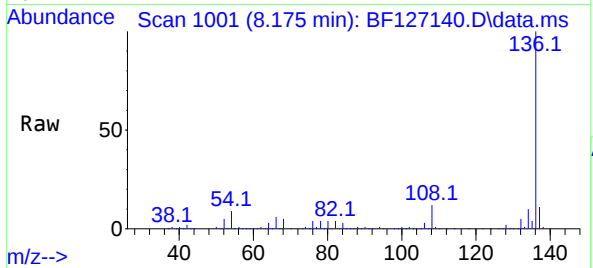
Tgt Ion:107 Resp: 304266
Ion Ratio Lower Upper
107 100
108 88.7 72.4 112.4
77 111.6 83.8 123.8
79 34.3 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

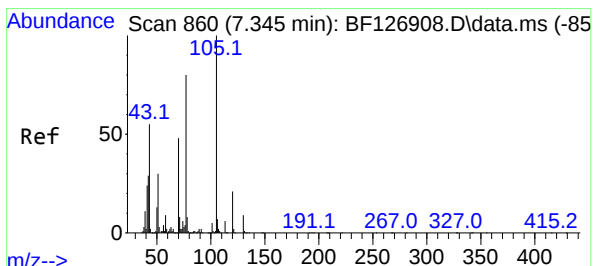
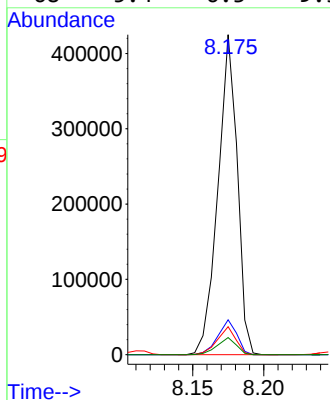
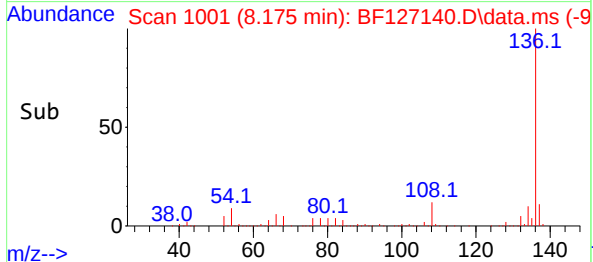
Instrument :
BNA_F
ClientSampleId :
PB143010BS



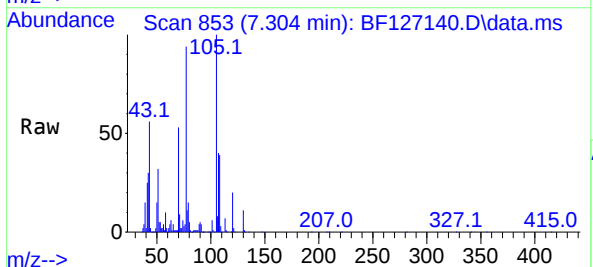
Tgt Ion:136 Resp: 40159
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.6
68 5.4 6.3 9.5#

Manual Integrations
APPROVED

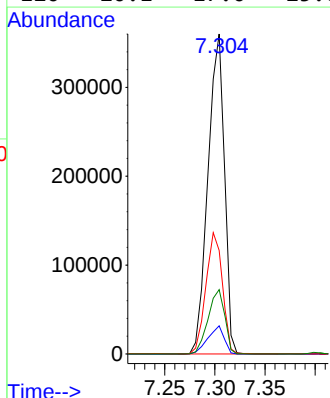
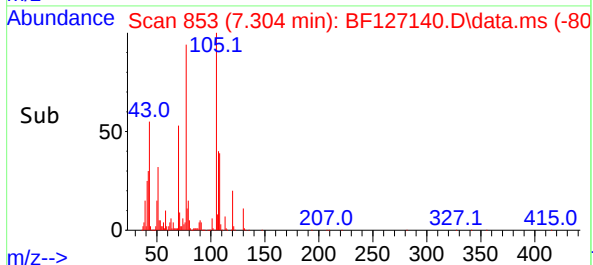
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

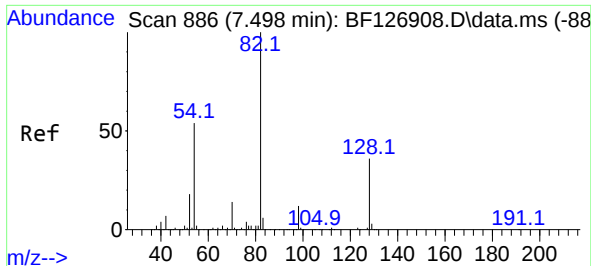


#22
Acetophenone
Concen: 39.006 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:105 Resp: 412441
Ion Ratio Lower Upper
105 100
71 8.8 5.4 8.0#
51 32.4 27.4 41.0
120 20.1 17.0 25.6





#23
Nitrobenzene-d5
Concen: 71.341 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

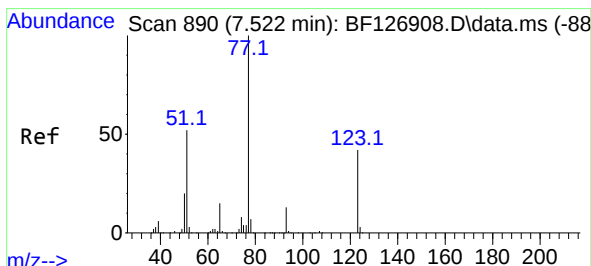
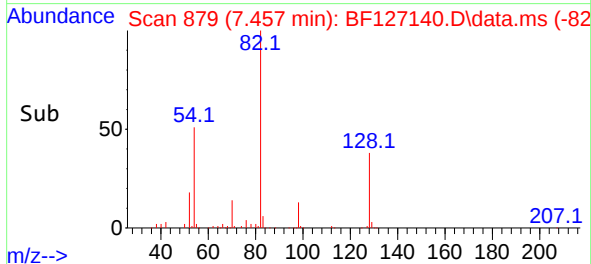
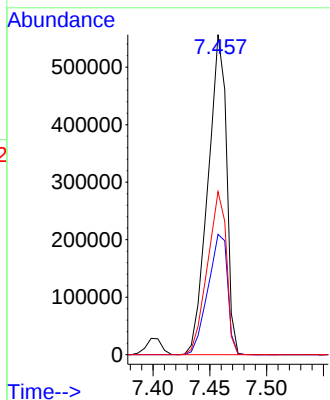
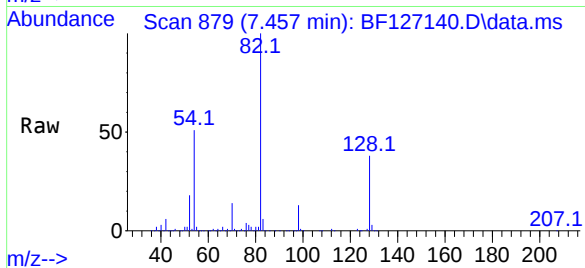
ClientSampleId :

PB143010BS

Tgt Ion: 82 Resp: 63473
Ion Ratio Lower Upper
82 100
128 37.6 32.7 49.1
54 51.0 41.7 62.5

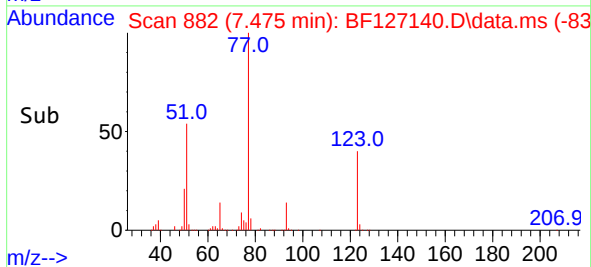
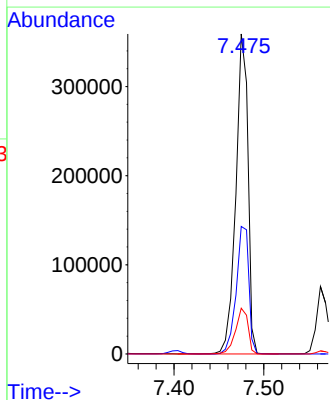
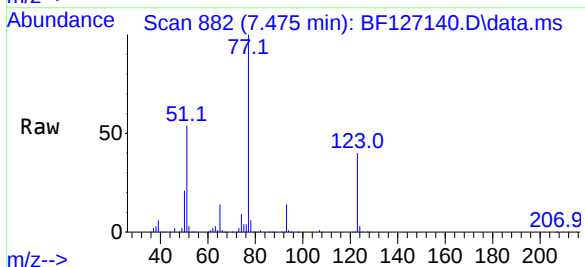
Manual Integrations
APPROVED

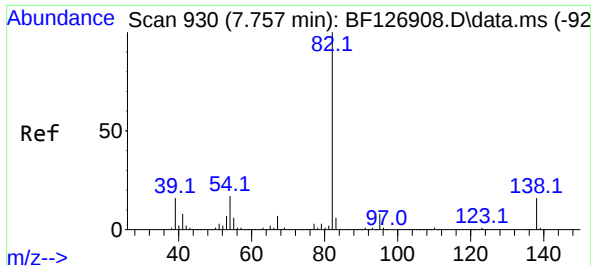
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#24
Nitrobenzene
Concen: 40.188 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion: 77 Resp: 337775
Ion Ratio Lower Upper
77 100
123 39.8 34.6 52.0
65 14.3 10.6 15.8





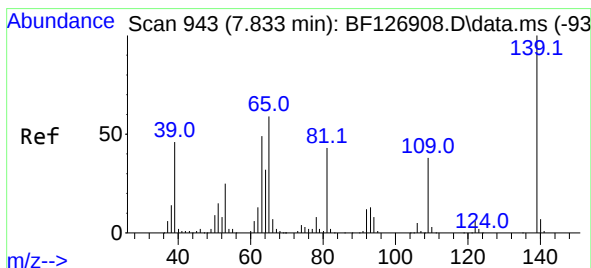
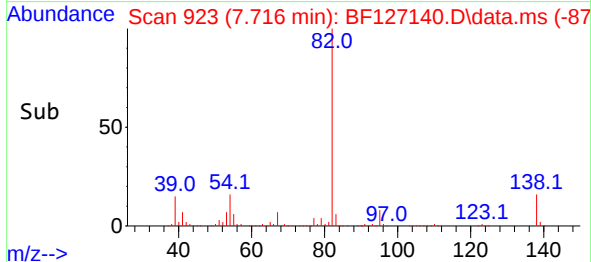
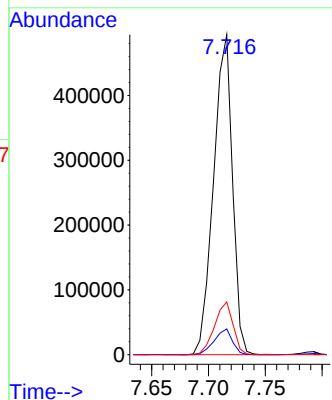
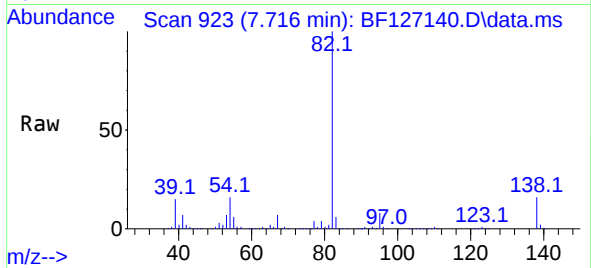
#25
Isophorone
Concen: 38.819 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB143010BS

Tgt Ion: 82 Resp: 57151
Ion Ratio Lower Upper
82 100
95 8.0 5.0 7.4
138 16.5 12.3 18.5

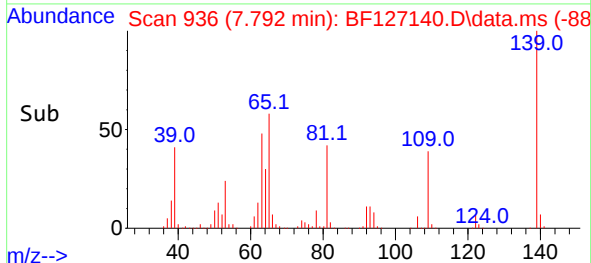
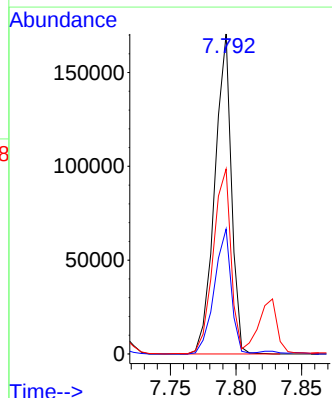
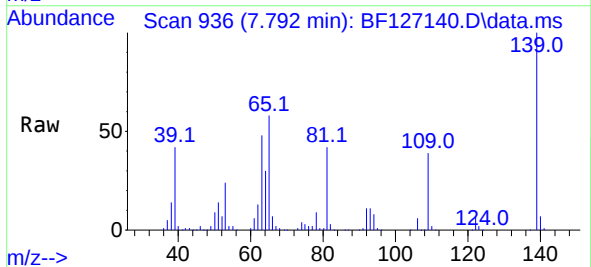
Manual Integrations
APPROVED

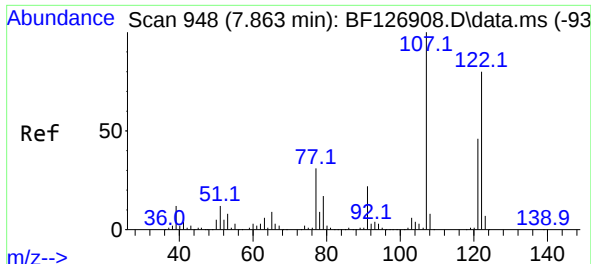
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#26
2-Nitrophenol
Concen: 42.068 ng
RT: 7.792 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion:139 Resp: 150540
Ion Ratio Lower Upper
139 100
109 39.0 20.0 30.0
65 57.8 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 44.453 ng
RT: 7.828 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

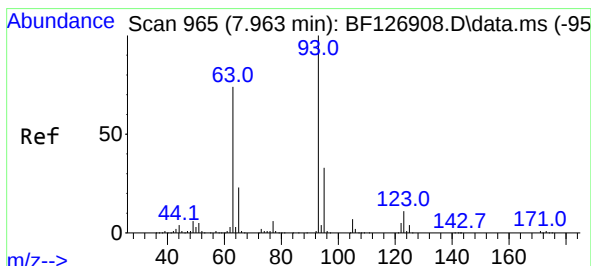
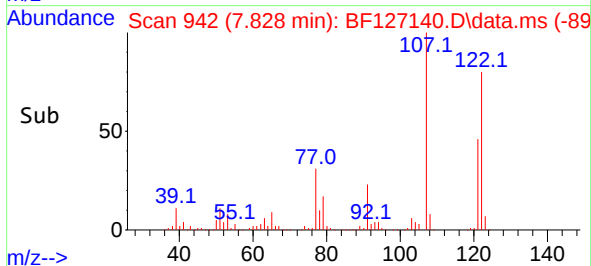
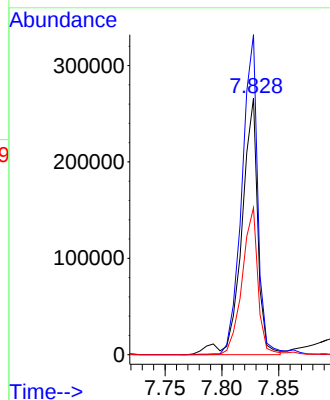
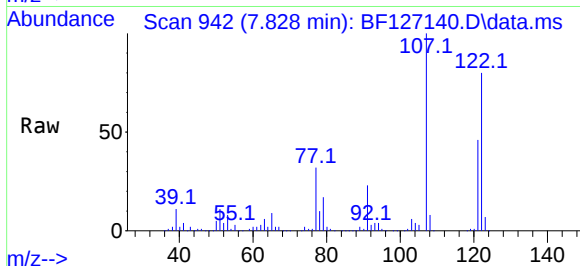
PB143010BS

Tgt Ion:122 Resp: 261329
Ion Ratio Lower Upper
122 100
107 124.8 91.2 136.8
121 57.3 44.4 66.6

Manual Integrations

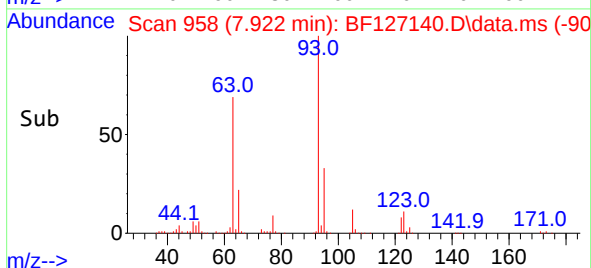
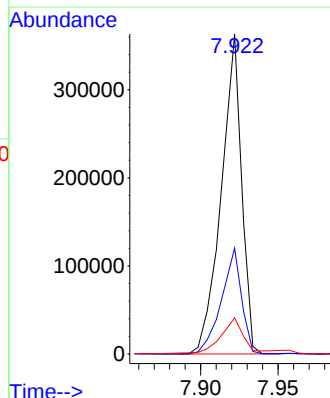
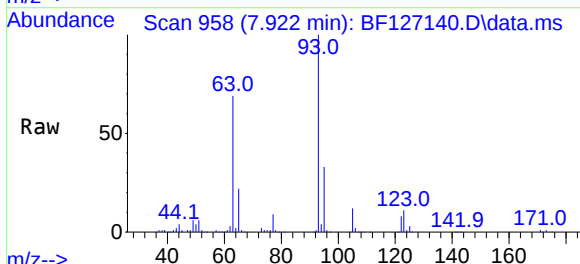
APPROVED

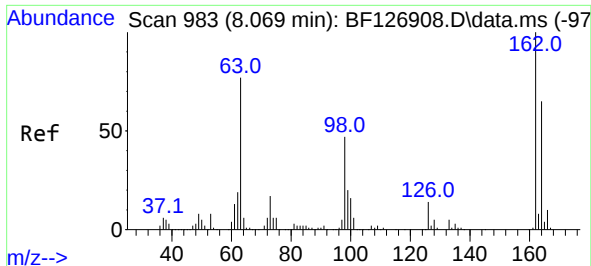
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#28
bis(2-Chloroethoxy)methane
Concen: 37.141 ng
RT: 7.922 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion: 93 Resp: 331499
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 11.3 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 41.180 ng
RT: 8.034 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

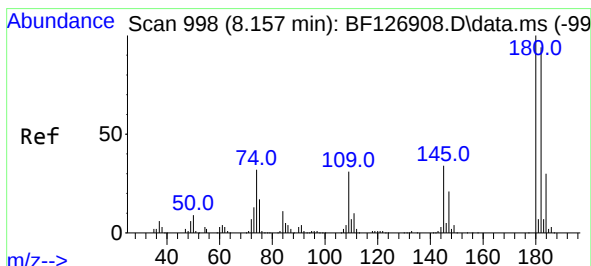
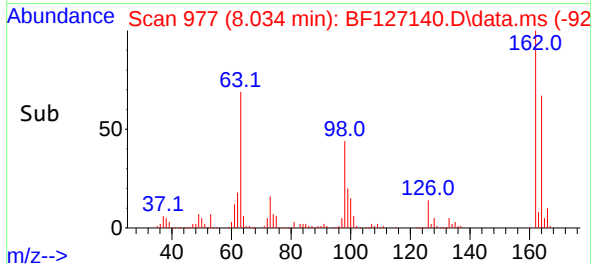
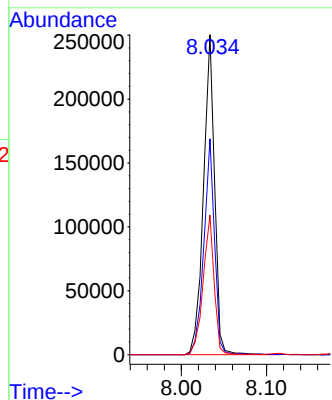
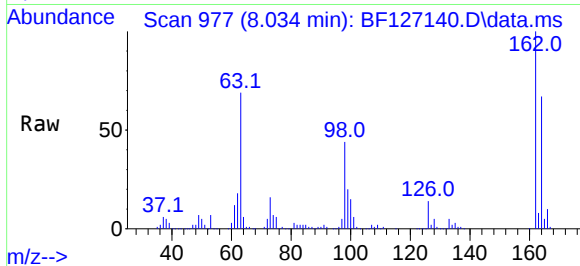
PB143010BS

Tgt Ion:162 Resp: 22760
Ion Ratio Lower Upper
162 100
164 67.5 43.8 83.8
98 43.6 23.6 63.6

Manual Integrations

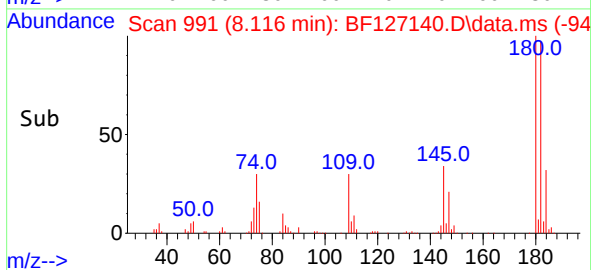
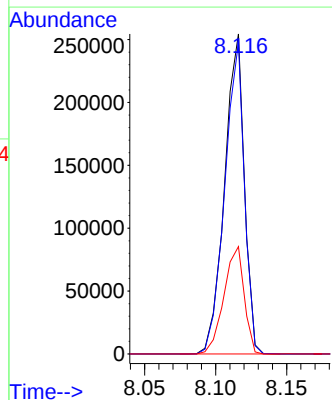
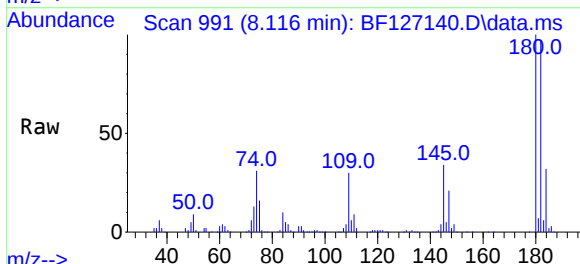
APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#30
1,2,4-Trichlorobenzene
Concen: 39.754 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

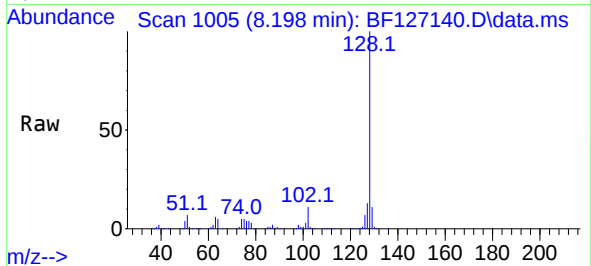
Tgt Ion:180 Resp: 245649
Ion Ratio Lower Upper
180 100
182 97.4 75.5 113.3
145 33.6 26.2 39.2





#31
Naphthalene
Concen: 39.834 ng
RT: 8.198 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

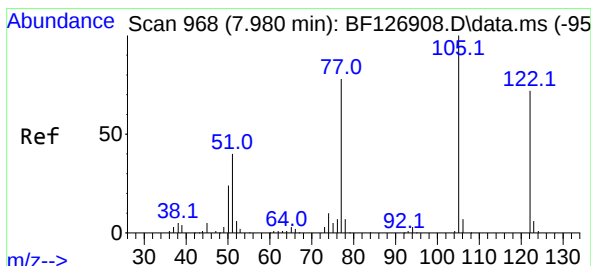
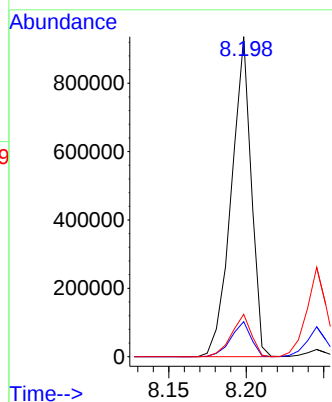
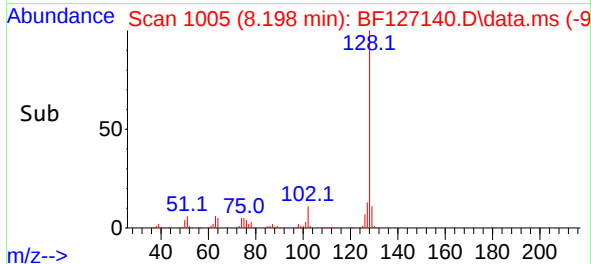
Instrument :
BNA_F
ClientSampleId :
PB143010BS



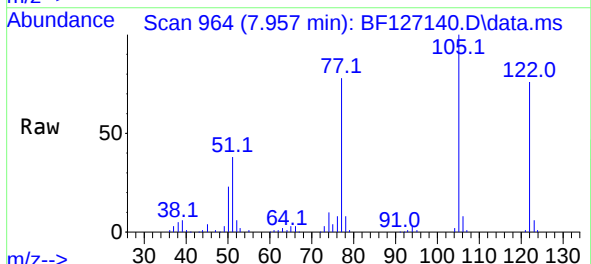
Tgt Ion:128 Resp: 83507
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.3 15.5

Manual Integrations
APPROVED

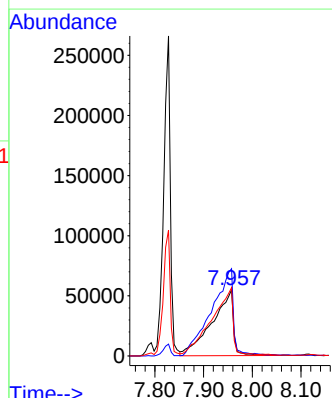
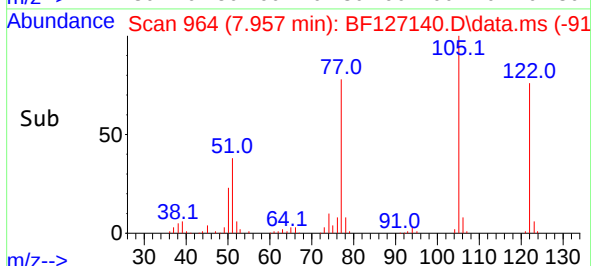
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

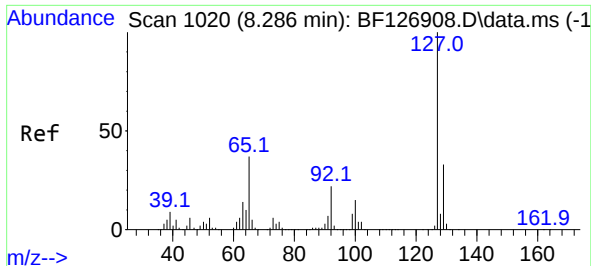


#32
Benzoic acid
Concen: 40.476 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:122 Resp: 168755
Ion Ratio Lower Upper
122 100
105 131.7 101.0 141.0
77 103.2 74.5 114.5





#33
4-Chloroaniline
Concen: 29.594 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

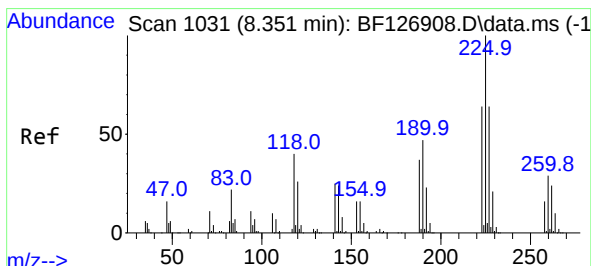
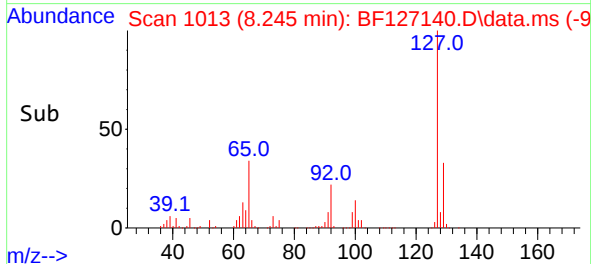
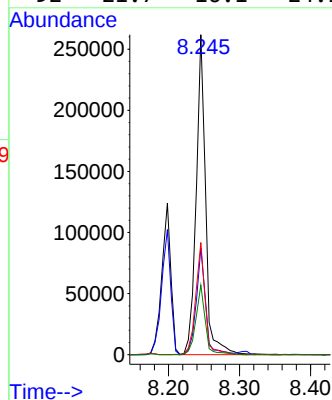
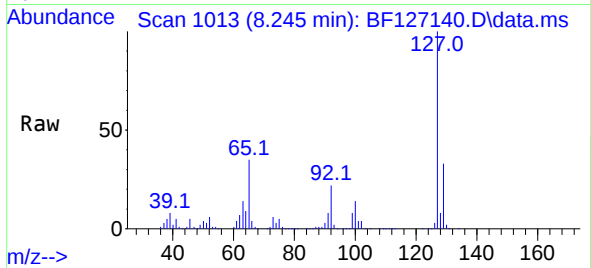
PB143010BS

Tgt Ion:127 Resp: 244199
Ion Ratio Lower Upper
127 100
129 33.4 26.5 39.7
65 35.1 26.6 39.8
92 21.7 16.1 24.1

Manual Integrations

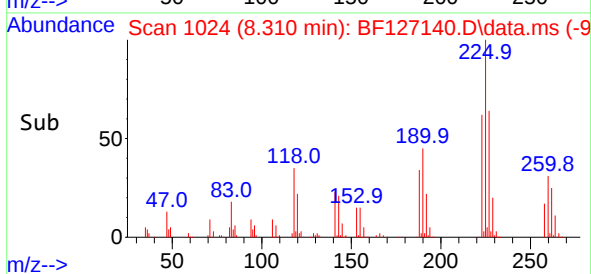
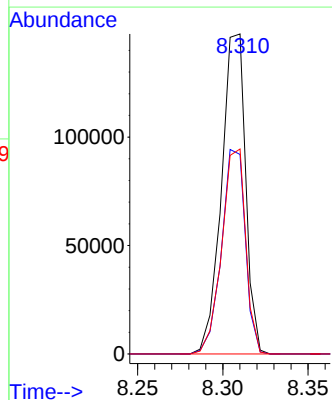
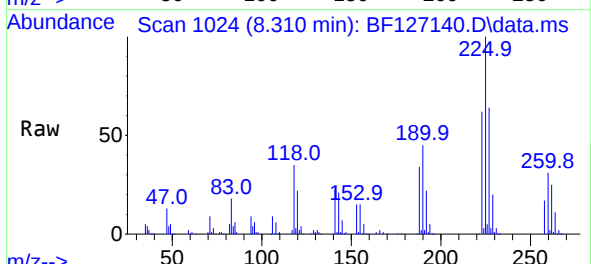
APPROVED

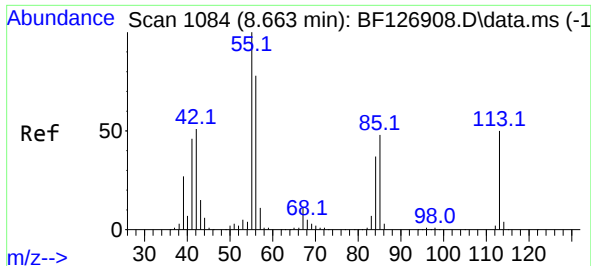
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#34
Hexachlorobutadiene
Concen: 40.401 ng
RT: 8.310 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion:225 Resp: 145747
Ion Ratio Lower Upper
225 100
223 62.4 48.6 73.0
227 64.1 51.4 77.0





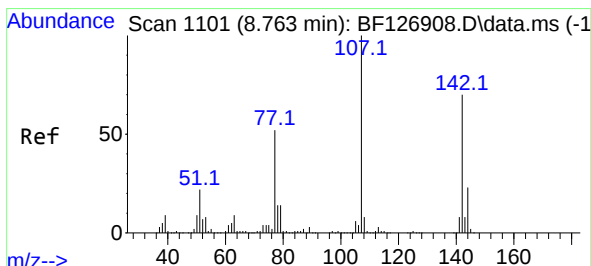
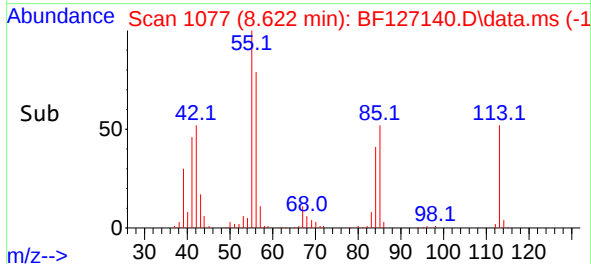
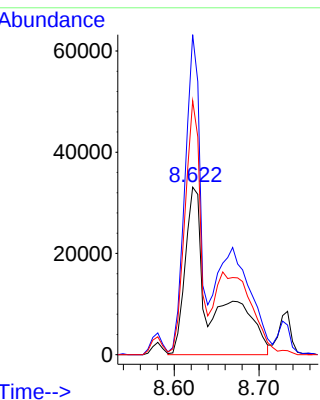
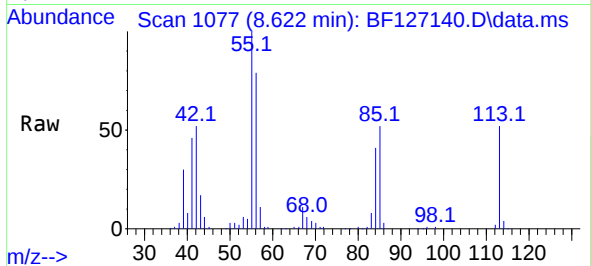
#35
Caprolactam
Concen: 39.246 ng m
RT: 8.622 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB143010BS

Tgt Ion:113 Resp: 75749
Ion Ratio Lower Upper
113 100
55 191.1 183.9 223.9
56 151.6 129.9 169.9

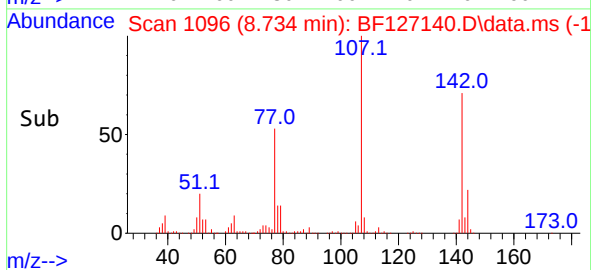
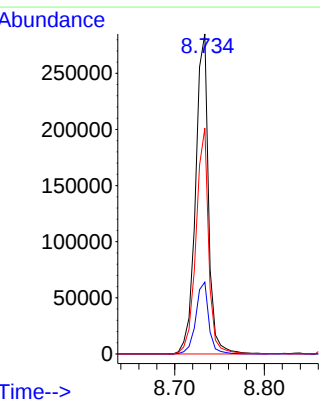
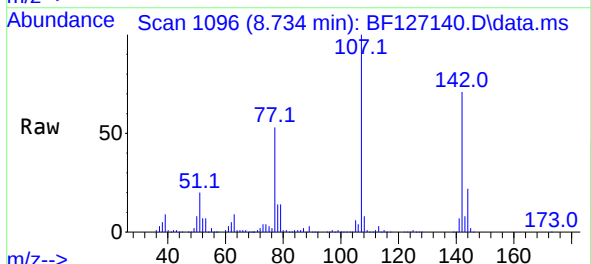
Manual Integrations
APPROVED

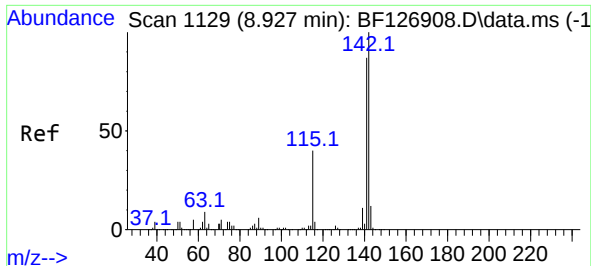
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#36
4-Chloro-3-methylphenol
Concen: 40.508 ng
RT: 8.734 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion:107 Resp: 286139
Ion Ratio Lower Upper
107 100
144 22.5 18.5 27.7
142 70.6 58.1 87.1





#37

2-Methylnaphthalene

Concen: 40.524 ng

RT: 8.887 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

Tgt Ion:142 Resp: 551250

Ion Ratio Lower Upper

142 100

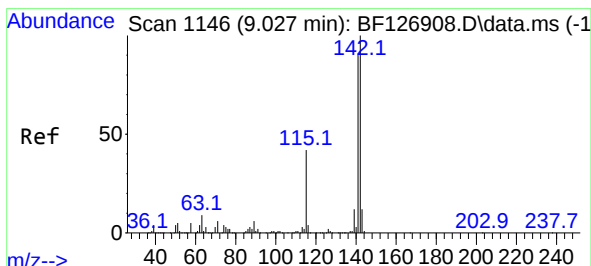
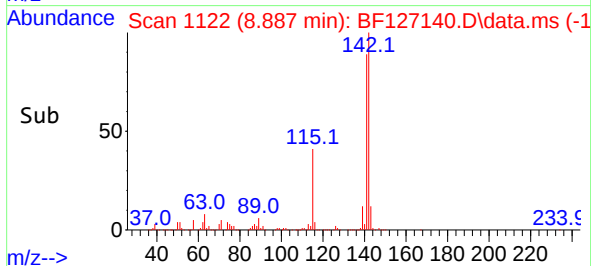
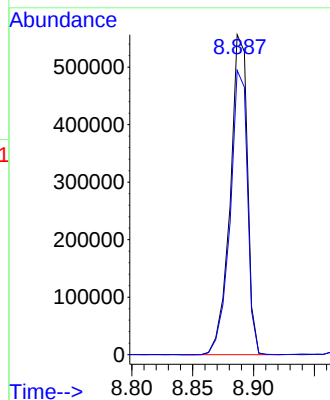
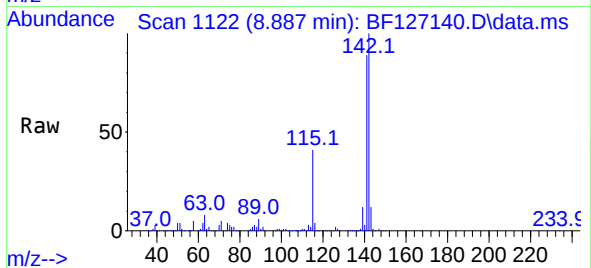
141 88.9 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022

Supervised By :Jagrut Upadhyay 03/03/2022



#38

1-Methylnaphthalene

Concen: 39.498 ng

RT: 8.987 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF127140.D

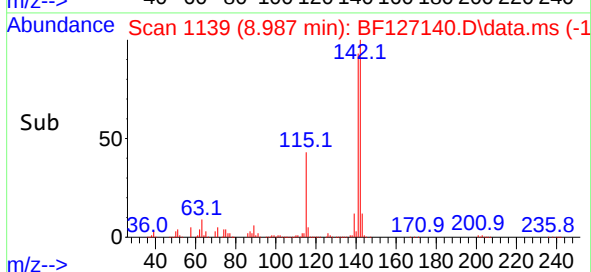
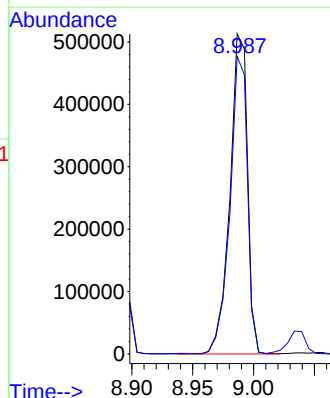
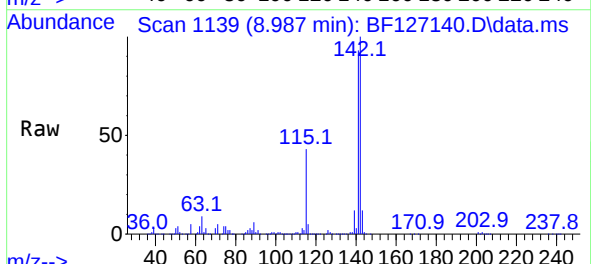
Acq: 02 Mar 2022 11:44

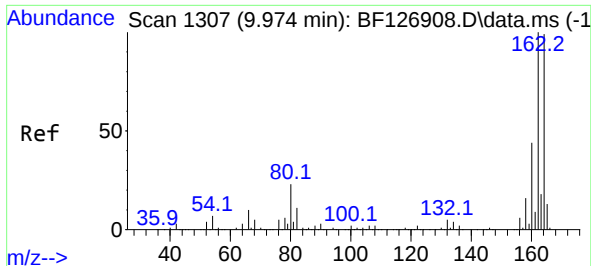
Tgt Ion:142 Resp: 514511

Ion Ratio Lower Upper

142 100

141 93.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127140.D

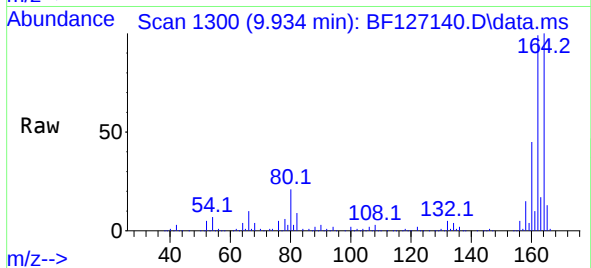
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS



Tgt Ion:164 Resp: 203010

Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.0

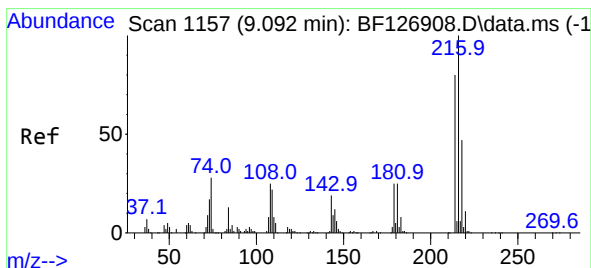
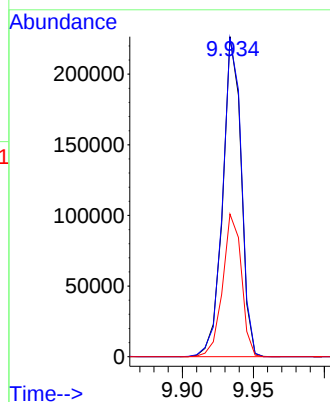
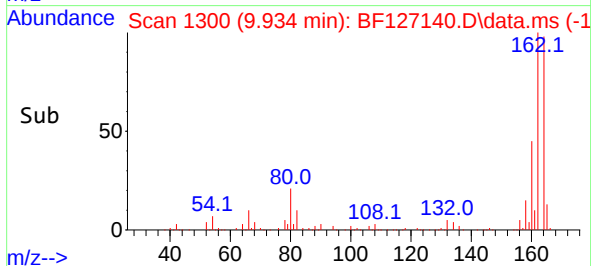
160 44.6 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022

Supervised By :Jagrut Upadhyay 03/03/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.727 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Tgt Ion:216 Resp: 222987

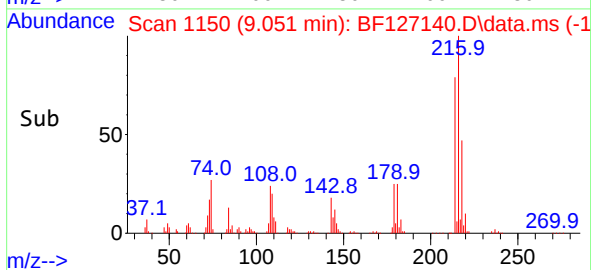
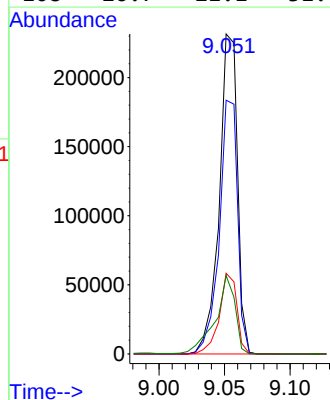
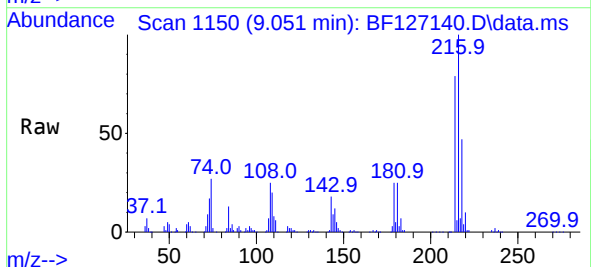
Ion Ratio Lower Upper

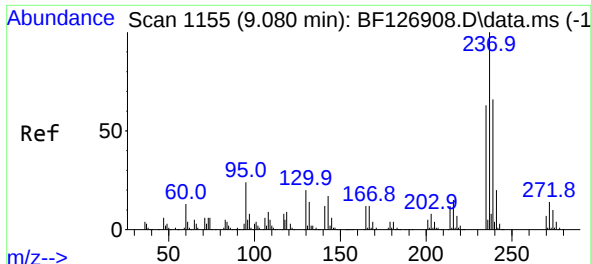
216 100

214 79.4 64.6 96.8

179 24.3 19.5 29.3

108 26.7 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 86.283 ng
RT: 9.039 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

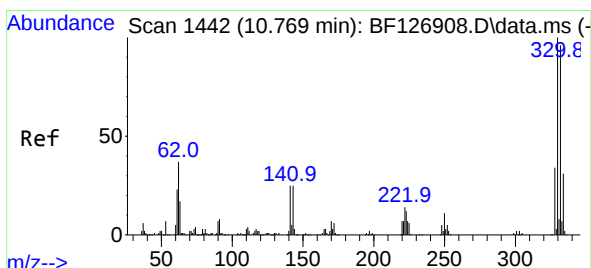
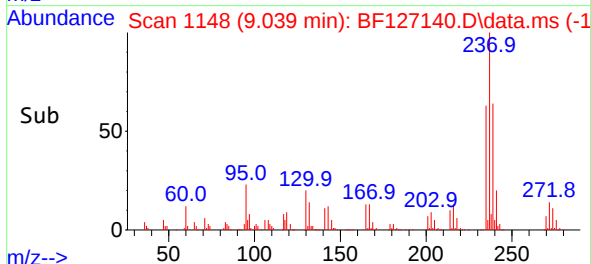
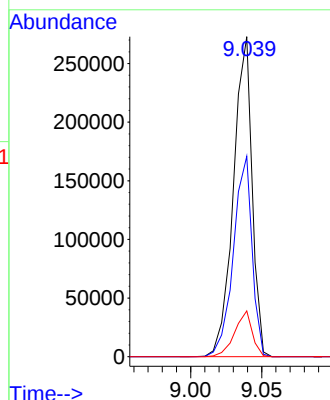
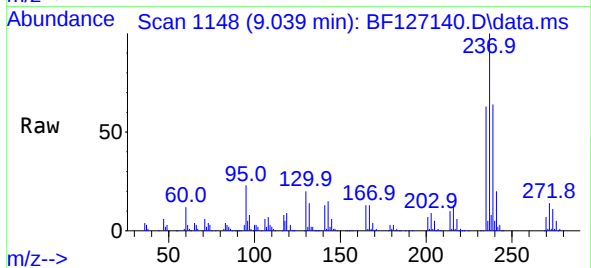
PB143010BS

Tgt Ion:237 Resp: 250078
Ion Ratio Lower Upper
237 100
235 62.6 38.9 78.9
272 14.3 0.0 33.5

Manual Integrations

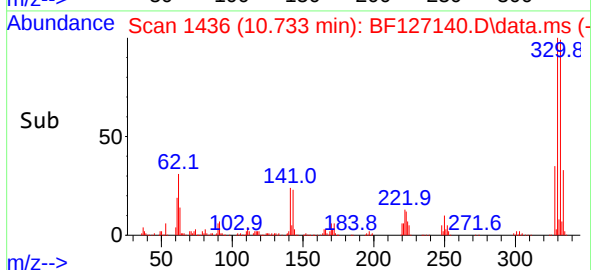
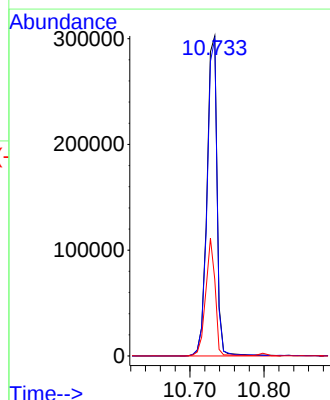
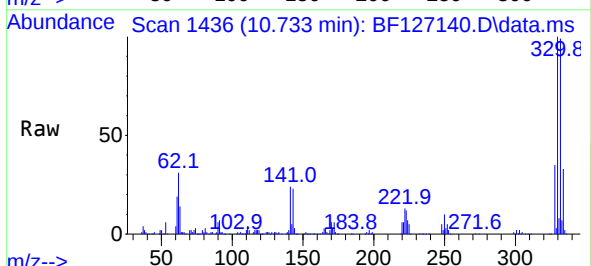
APPROVED

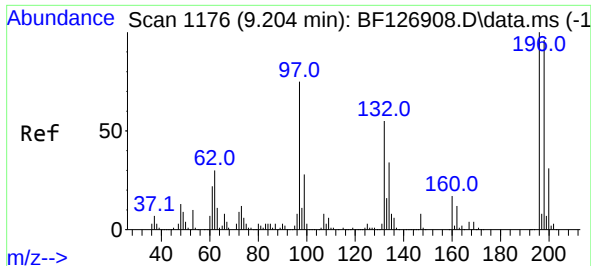
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#42
2,4,6-Tribromophenol
Concen: 122.396 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion:330 Resp: 286086
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 34.7 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 40.742 ng

RT: 9.169 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

Tgt Ion:196 Resp: 15968

Ion Ratio Lower Upper

196 100

198 98.8 78.5 117.7

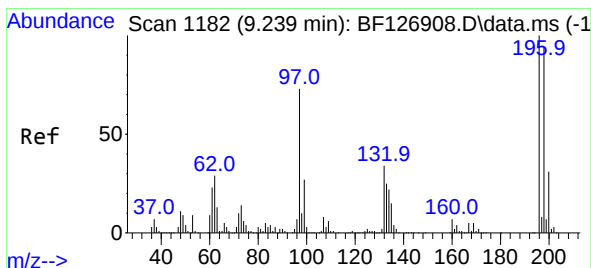
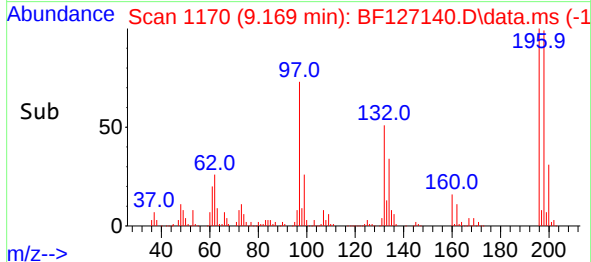
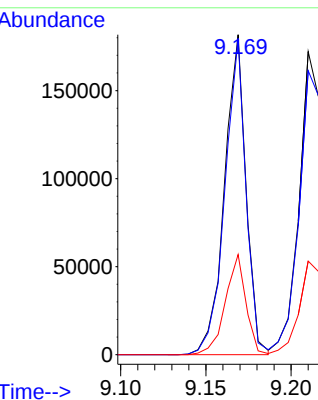
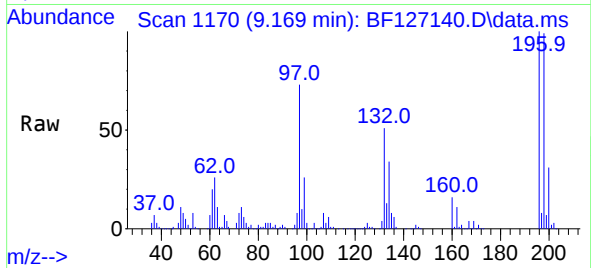
200 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022

Supervised By :Jagrut Upadhyay 03/03/2022



#44

2,4,5-Trichlorophenol

Concen: 40.695 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Tgt Ion:196 Resp: 167846

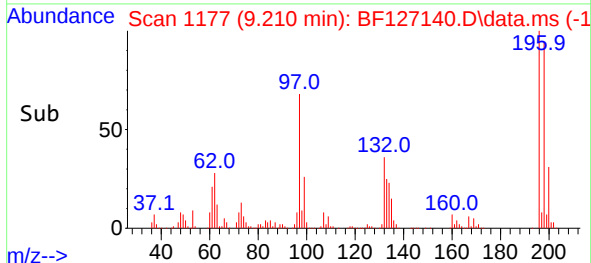
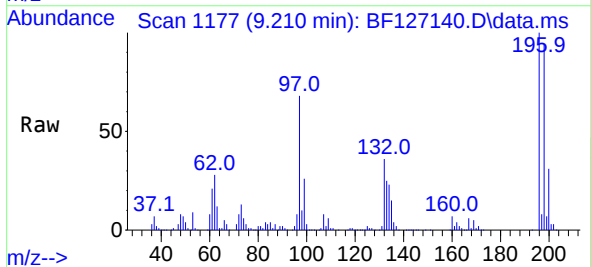
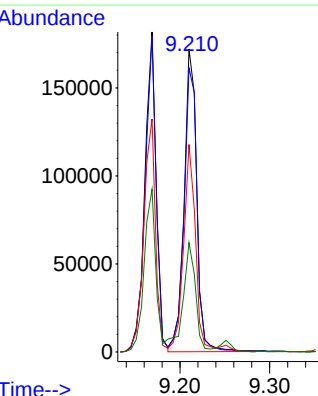
Ion Ratio Lower Upper

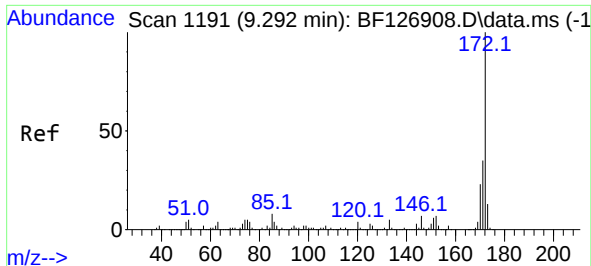
196 100

198 93.8 82.0 123.0

97 68.5 53.5 80.3

132 36.1 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 74.885 ng
RT: 9.251 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

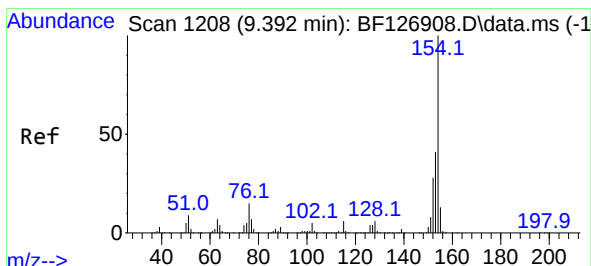
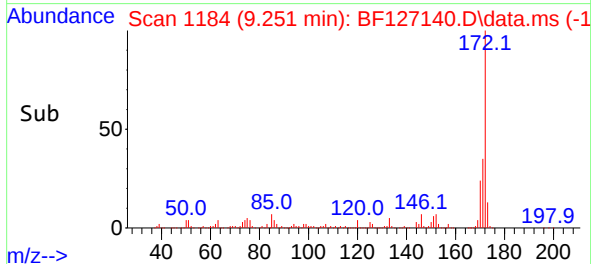
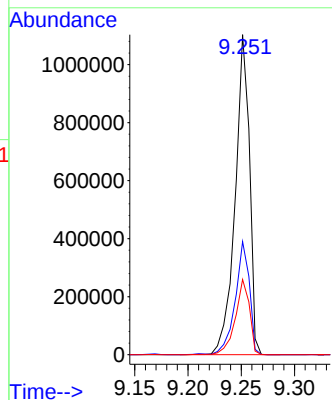
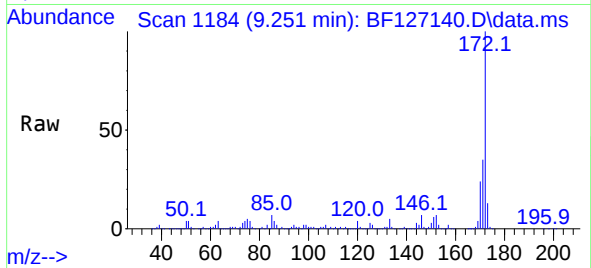
PB143010BS

Tgt Ion:172 Resp: 103265
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.6

Manual Integrations

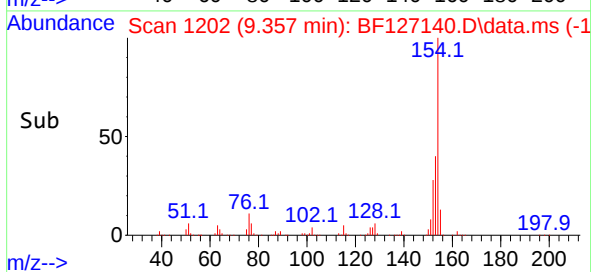
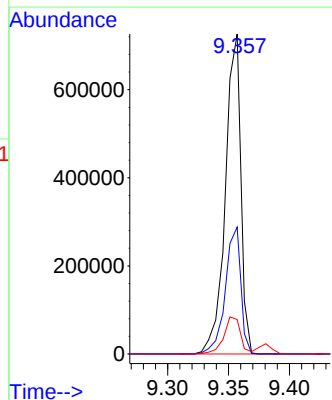
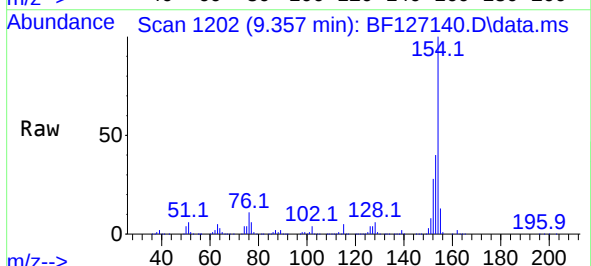
APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#46
1,1'-Biphenyl
Concen: 39.951 ng
RT: 9.357 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion:154 Resp: 642571
Ion Ratio Lower Upper
154 100
153 39.7 19.0 59.0
76 10.8 0.0 34.5





#47
2-Chloronaphthalene
Concen: 40.161 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

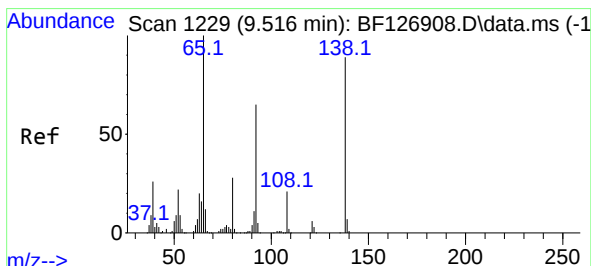
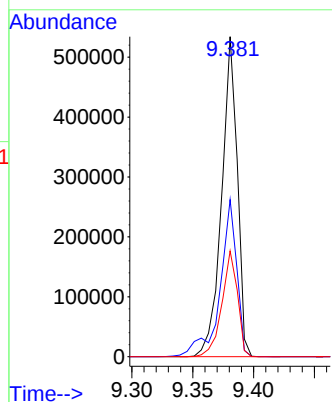
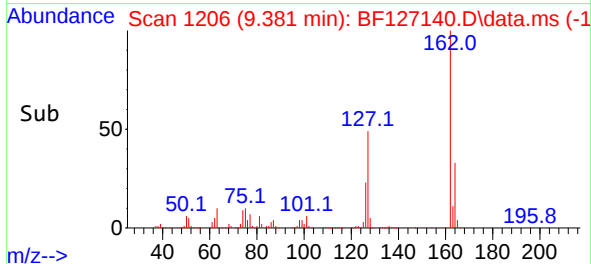
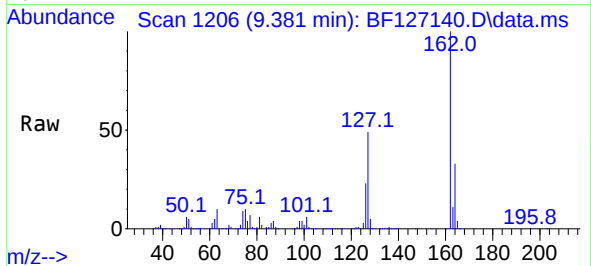
ClientSampleId :

PB143010BS

Tgt Ion:162 Resp: 47901
Ion Ratio Lower Upper
162 100
127 49.1 33.5 50.3
164 33.0 26.2 39.4

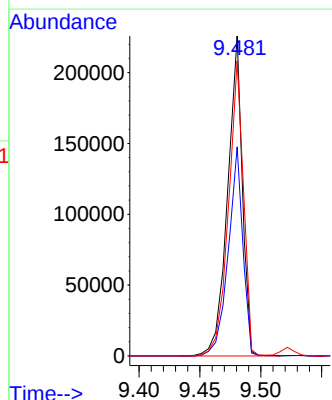
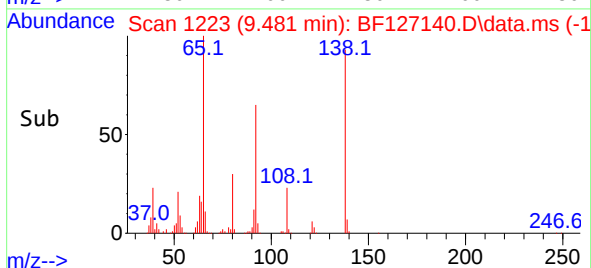
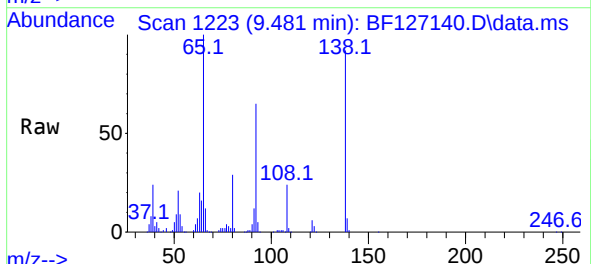
Manual Integrations
APPROVED

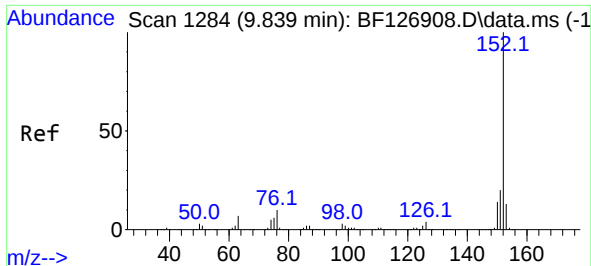
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#48
2-Nitroaniline
Concen: 40.630 ng
RT: 9.481 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

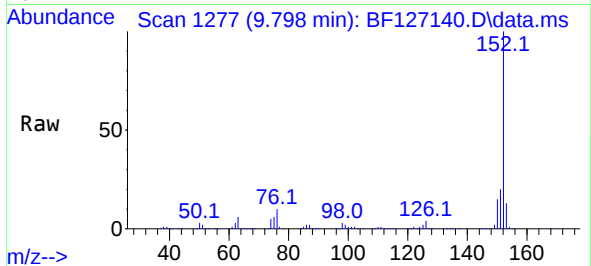
Tgt Ion: 65 Resp: 191232
Ion Ratio Lower Upper
65 100
92 65.4 54.4 81.6
138 92.3 72.5 108.7





#49
Acenaphthylene
Concen: 40.956 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

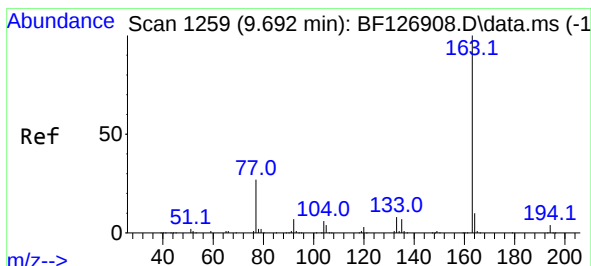
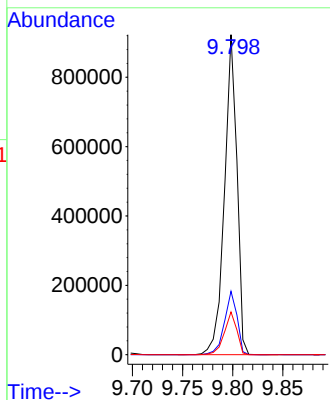
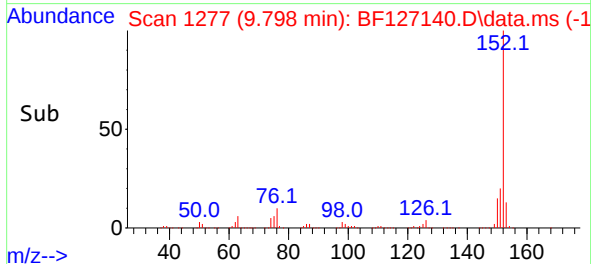
Instrument :
BNA_F
ClientSampleId :
PB143010BS



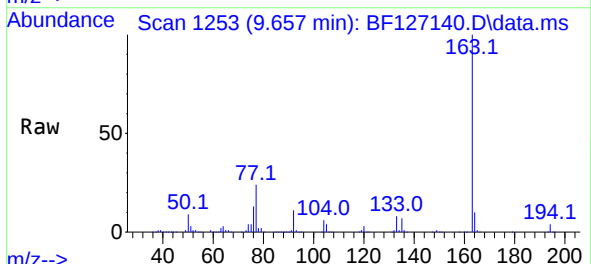
Tgt Ion:152 Resp: 79349
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.3 11.4 17.0

Manual Integrations
APPROVED

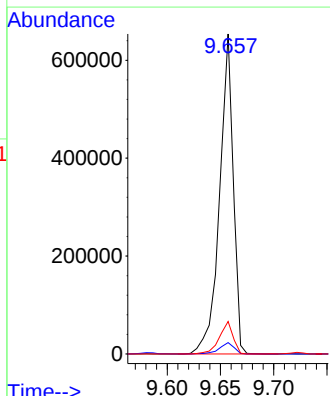
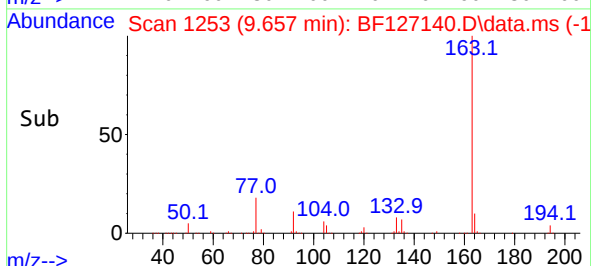
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

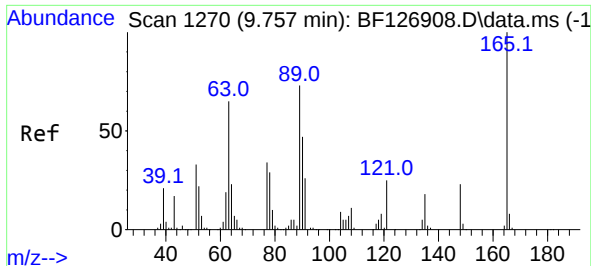


#50
Dimethylphthalate
Concen: 40.118 ng
RT: 9.657 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:163 Resp: 582151
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.1 7.8 11.8





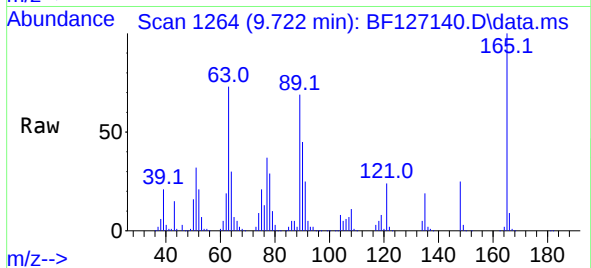
#51
2,6-Dinitrotoluene
Concen: 43.553 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

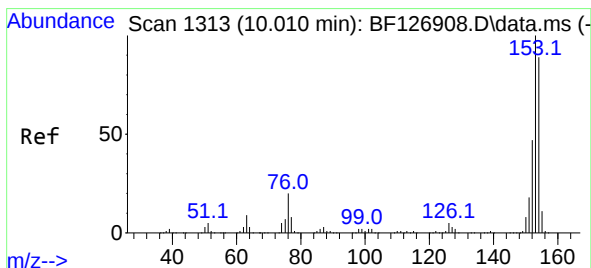
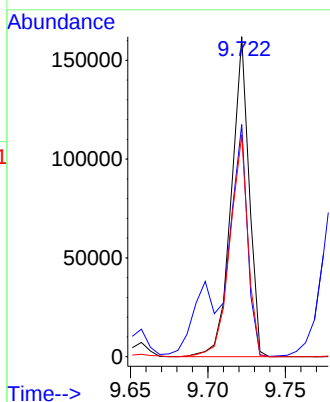
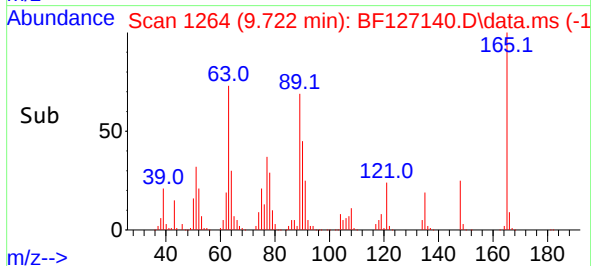


Tgt Ion:165 Resp: 12858
Ion Ratio Lower Upper
165 100
63 72.6 48.4 72.6
89 69.3 50.5 75.7

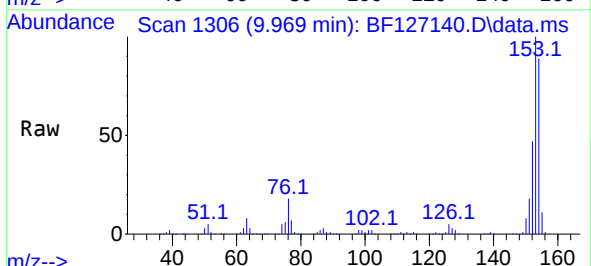
Manual Integrations

APPROVED

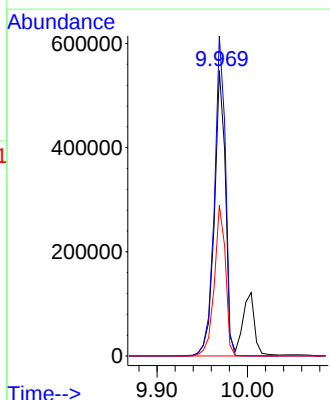
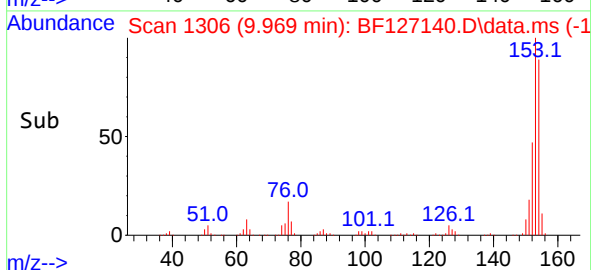
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

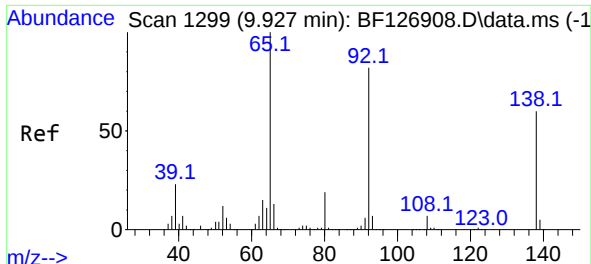


#52
Acenaphthene
Concen: 46.006 ng m
RT: 9.969 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:154 Resp: 579685
Ion Ratio Lower Upper
154 100
153 112.2 87.8 131.6
152 52.9 39.4 59.2





#53
3-Nitroaniline
Concen: 30.740 ng
RT: 9.892 min Scan# 11093
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

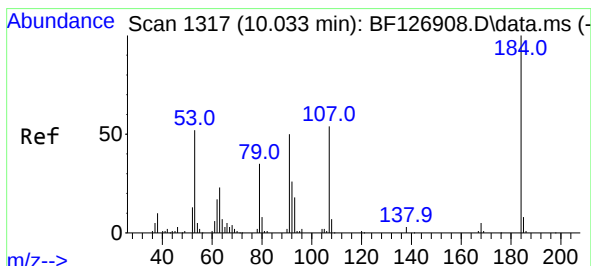
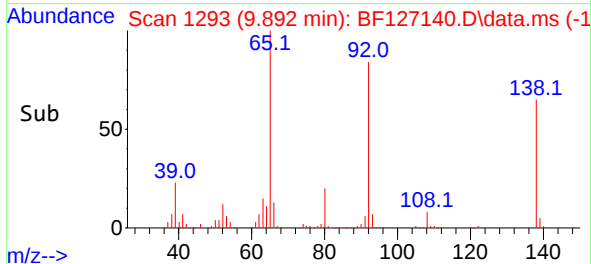
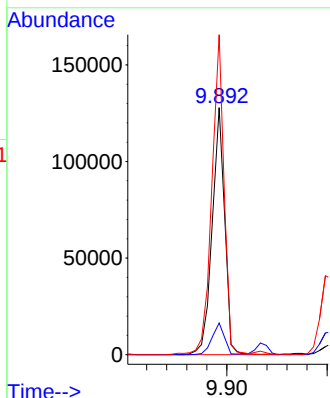
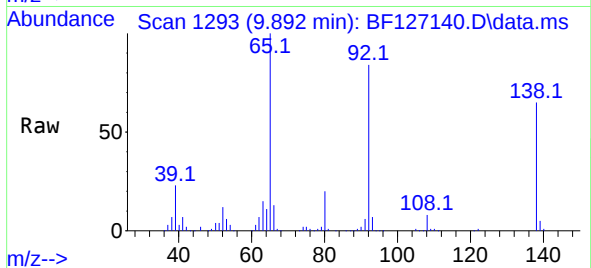
ClientSampleId :

PB143010BS

Tgt Ion:138 Resp: 11093
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 129.5 105.0 157.6

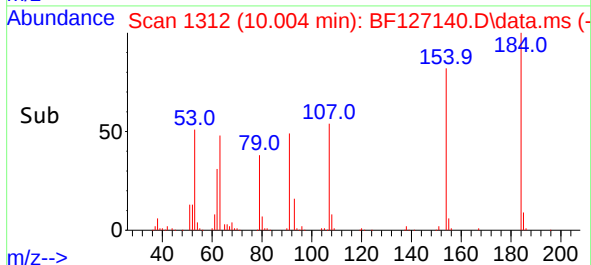
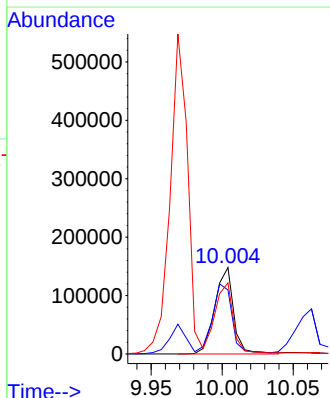
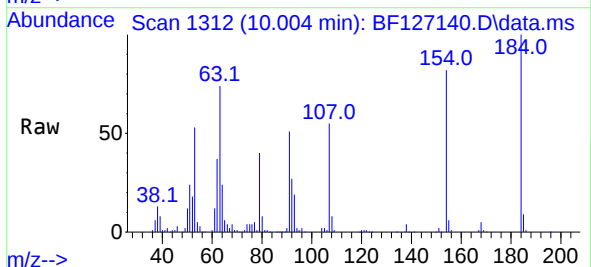
Manual Integrations
APPROVED

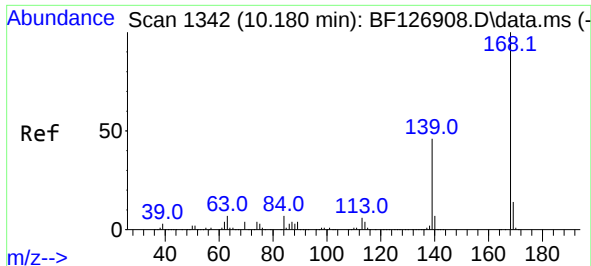
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#54
2,4-Dinitrophenol
Concen: 87.141 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

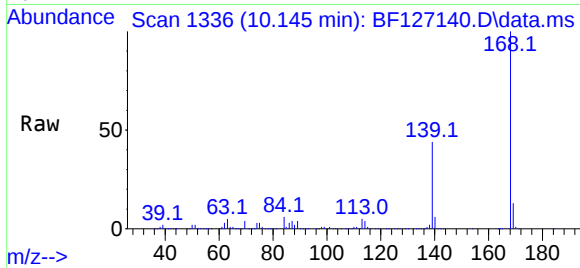
Tgt Ion:184 Resp: 136169
Ion Ratio Lower Upper
184 100
63 74.0 70.4 105.6
154 82.2 49.7 74.5#





#55
Dibenzenofuran
Concen: 40.300 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

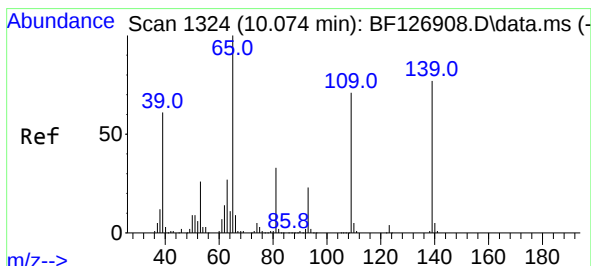
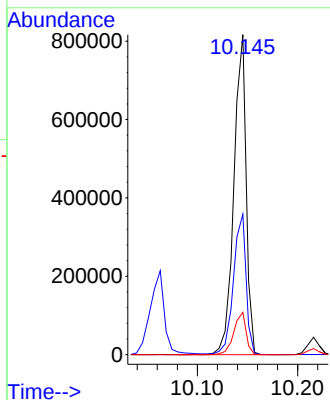
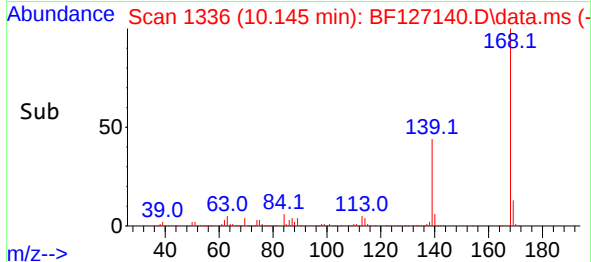
Instrument :
BNA_F
ClientSampleId :
PB143010BS



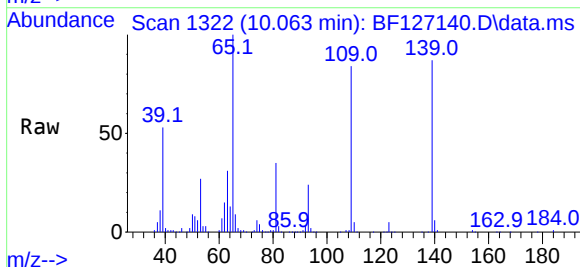
Tgt Ion:168 Resp: 698238
Ion Ratio Lower Upper
168 100
139 43.9 30.6 46.0
169 13.3 10.0 15.0

Manual Integrations
APPROVED

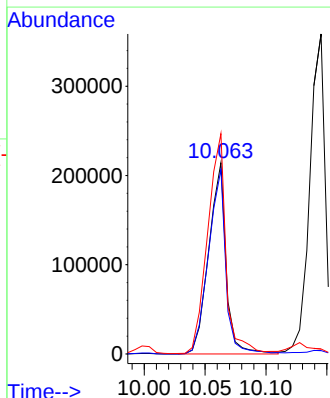
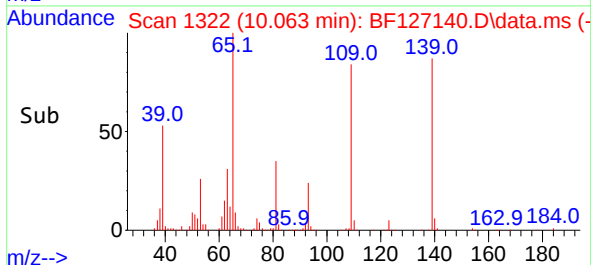
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

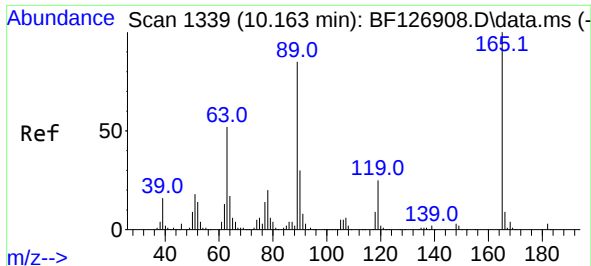


#56
4-Nitrophenol
Concen: 80.067 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:139 Resp: 213412
Ion Ratio Lower Upper
139 100
109 96.5 44.1 84.1#
65 115.3 85.5 125.5





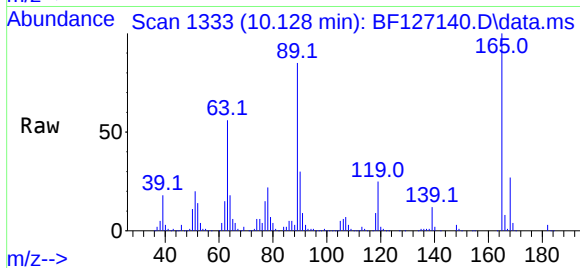
#57
2,4-Dinitrotoluene
Concen: 44.142 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

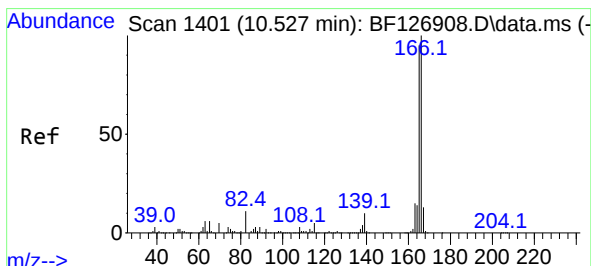
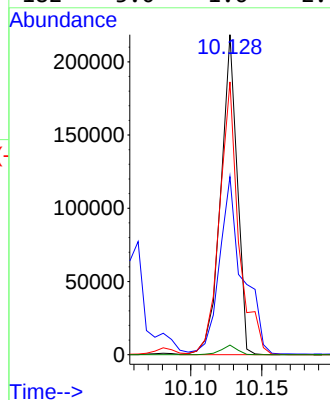
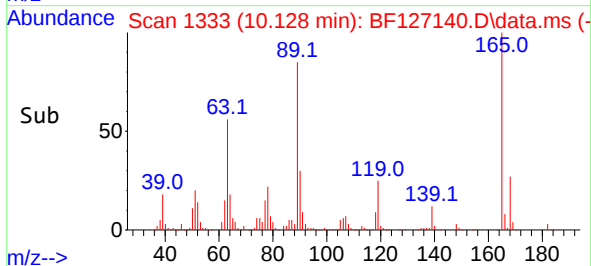


Tgt Ion:165 Resp: 176204
Ion Ratio Lower Upper
165 100
63 55.6 43.0 64.6
89 85.2 71.0 106.4
182 3.0 1.6 2.4#

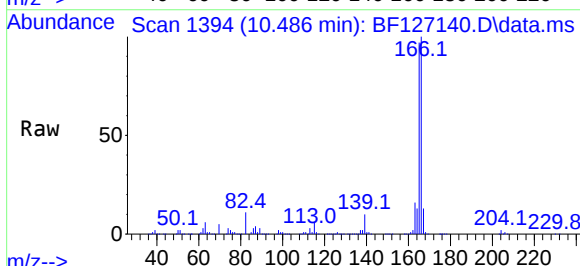
Manual Integrations

APPROVED

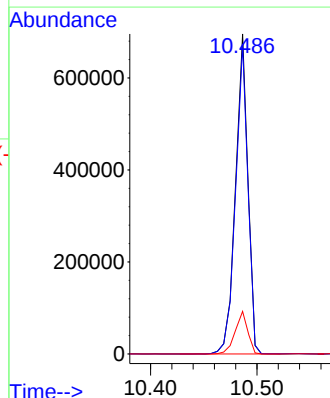
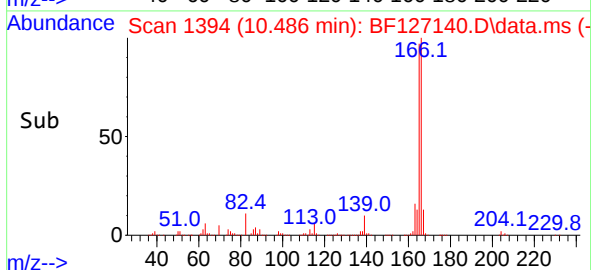
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

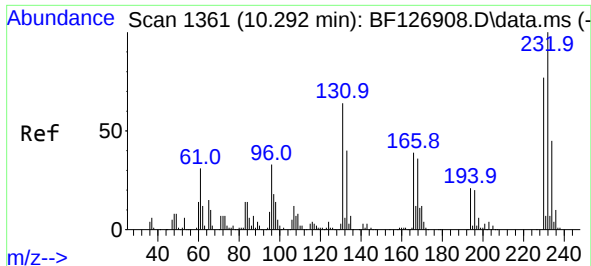


#58
Fluorene
Concen: 41.736 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:166 Resp: 563266
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.498 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

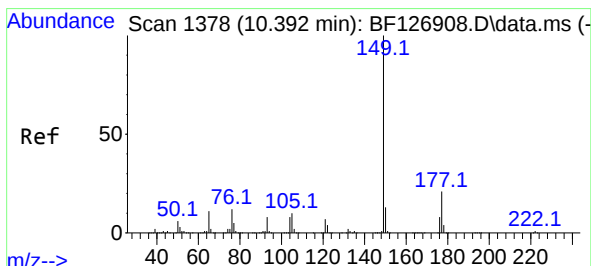
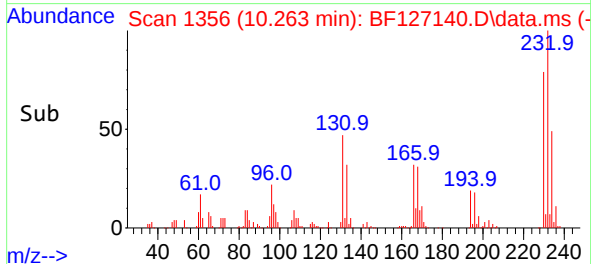
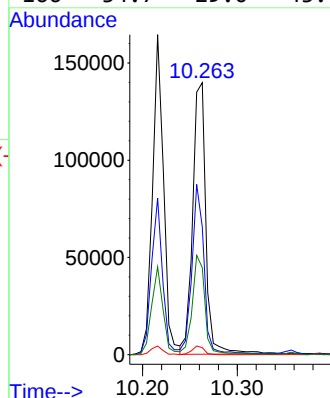
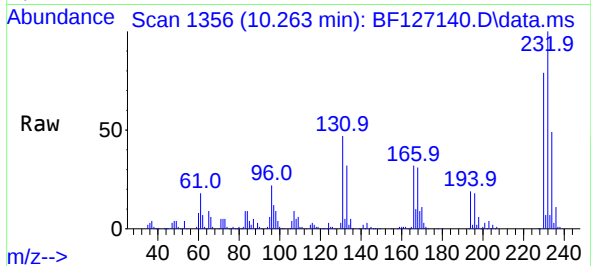
PB143010BS

Tgt Ion:232 Resp: 135690
Ion Ratio Lower Upper
232 100
131 58.6 50.0 75.0
130 2.9 2.2 3.2
166 34.7 29.0 43.4

Manual Integrations

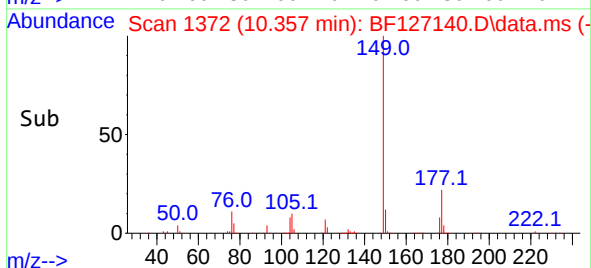
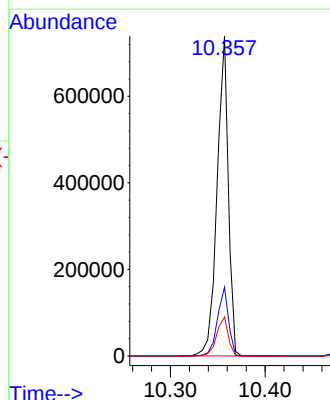
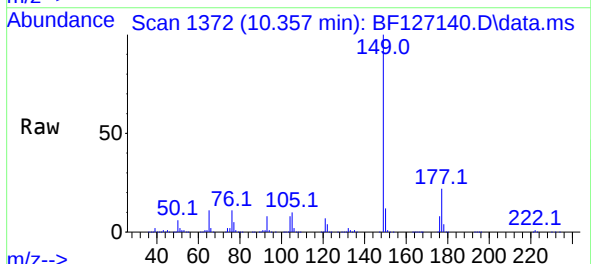
APPROVED

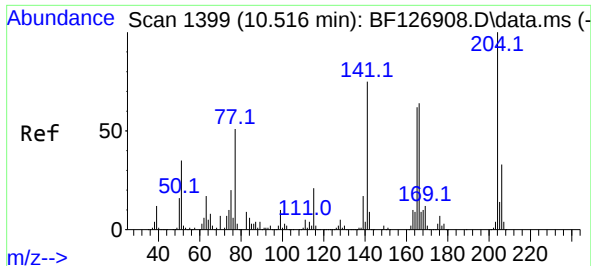
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#60
Diethylphthalate
Concen: 39.992 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion:149 Resp: 606388
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.2 9.8 14.8





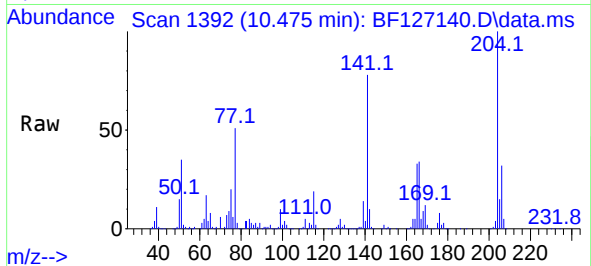
#61
4-Chlorophenyl-phenylether
Concen: 40.847 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

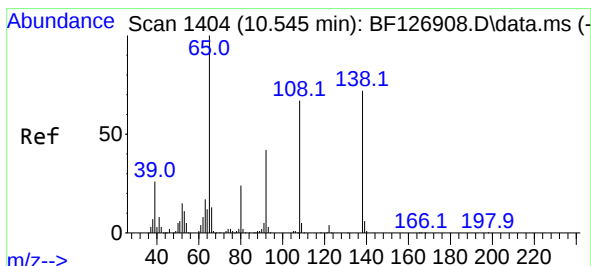
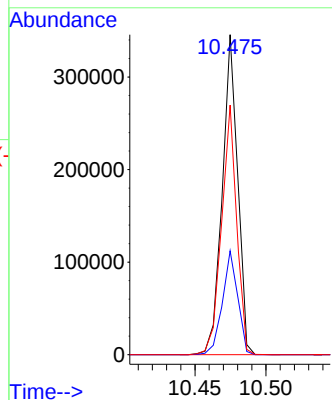
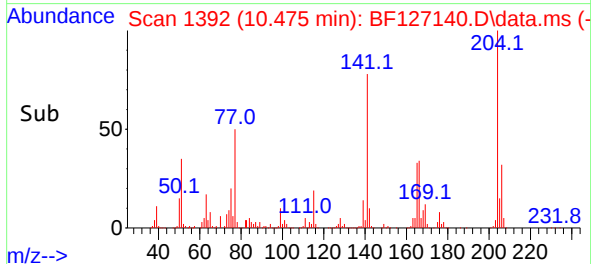


Tgt Ion:204 Resp: 259944
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 78.0 59.0 88.6

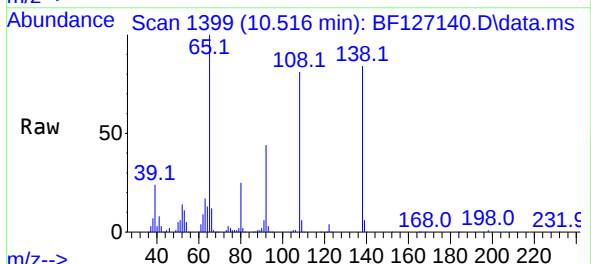
Manual Integrations

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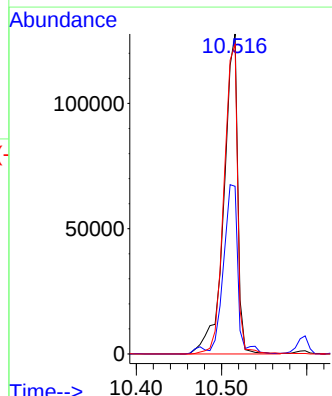
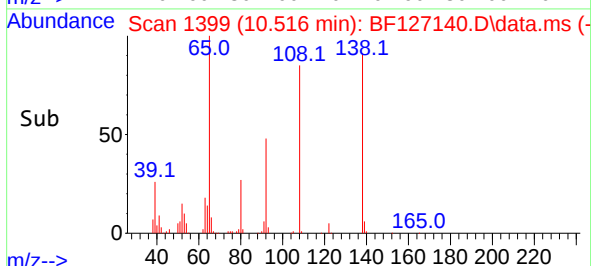
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

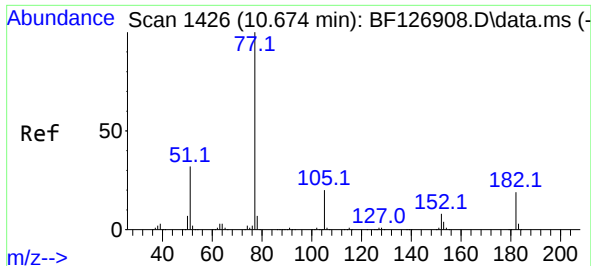


#62
4-Nitroaniline
Concen: 40.433 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



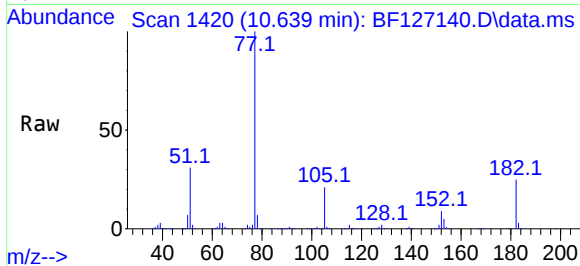
Tgt Ion:138 Resp: 144091
Ion Ratio Lower Upper
138 100
92 52.4 36.2 76.2
108 96.8 46.7 86.7#





#63
Azobenzene
Concen: 37.584 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

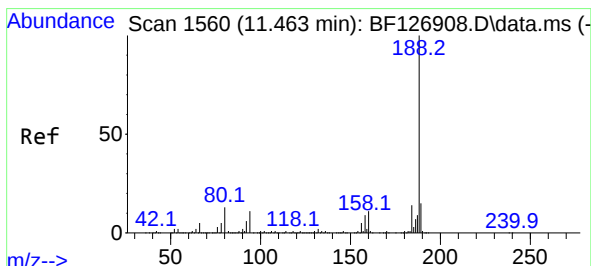
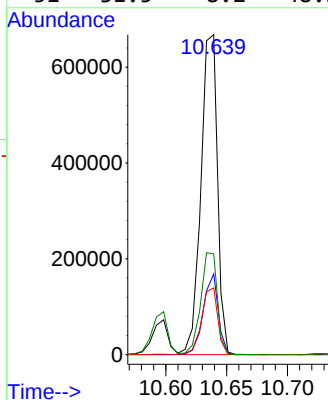
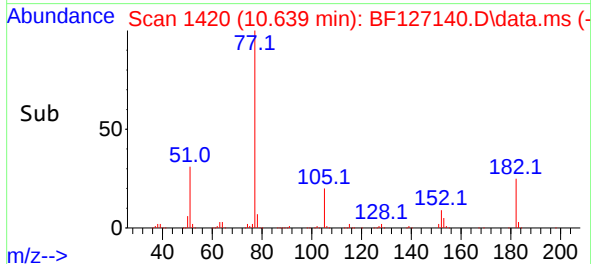
Instrument :
BNA_F
ClientSampleId :
PB143010BS



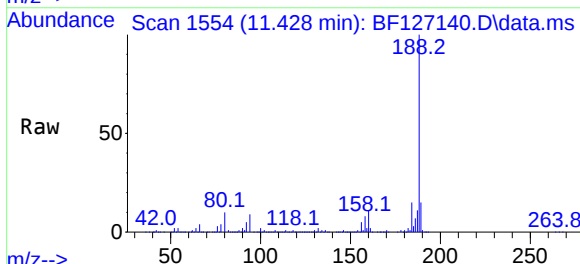
Tgt Ion: 77 Resp: 63456
Ion Ratio Lower Upper
77 100
182 25.2 0.0 39.0
105 20.9 3.2 43.2
51 31.5 8.2 48.2

Manual Integrations
APPROVED

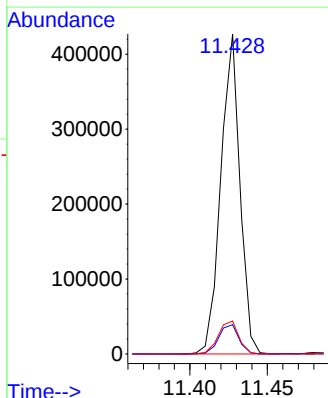
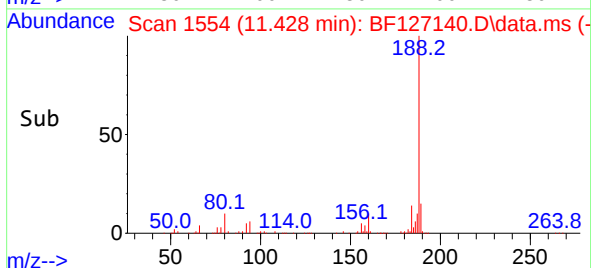
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

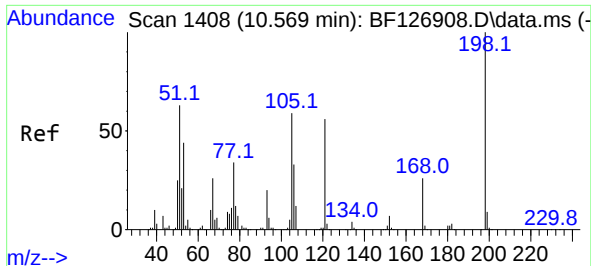


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:188 Resp: 365556
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.3 11.8 17.6#





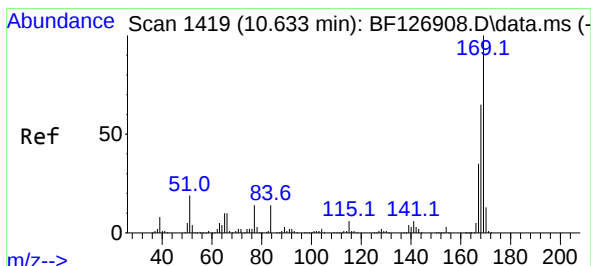
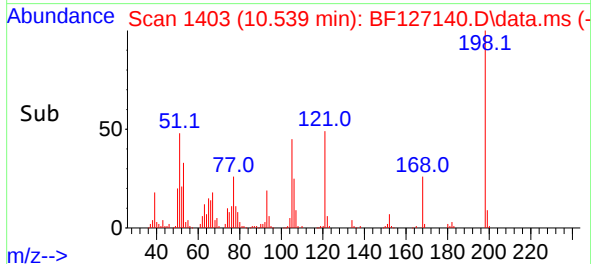
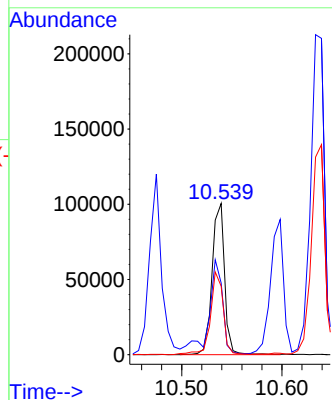
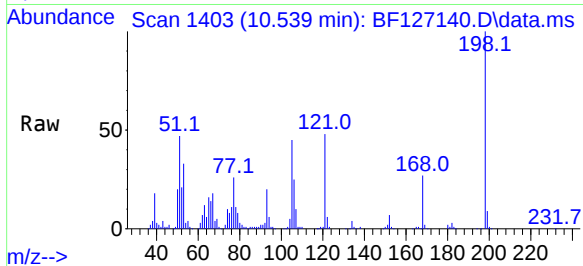
#65
4,6-Dinitro-2-methylphenol
Concen: 40.810 ng
RT: 10.539 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB143010BS

Tgt Ion:198 Resp: 8765
Ion Ratio Lower Upper
198 100
51 47.4 32.0 72.0
105 45.3 32.7 72.7

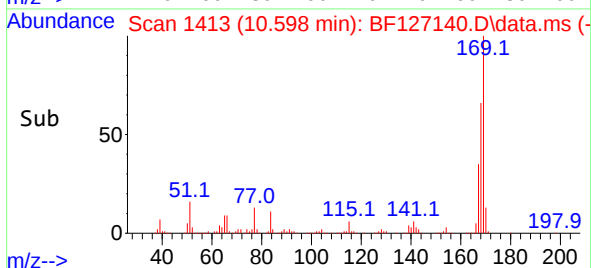
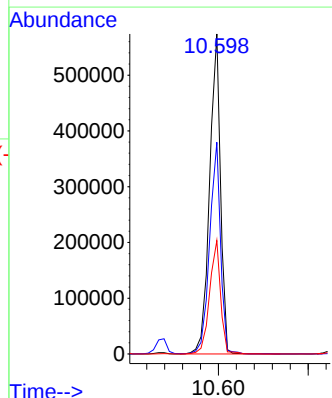
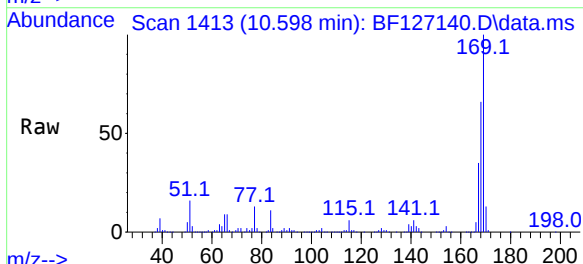
Manual Integrations
APPROVED

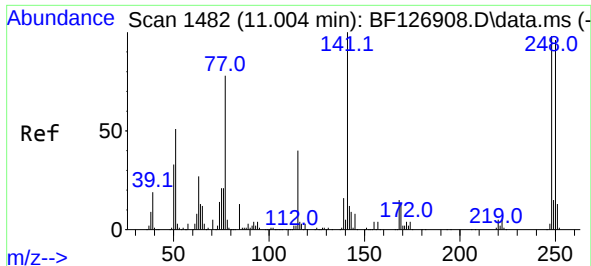
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#66
n-Nitrosodiphenylamine
Concen: 40.327 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Tgt Ion:169 Resp: 483389
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 35.5 29.4 44.0





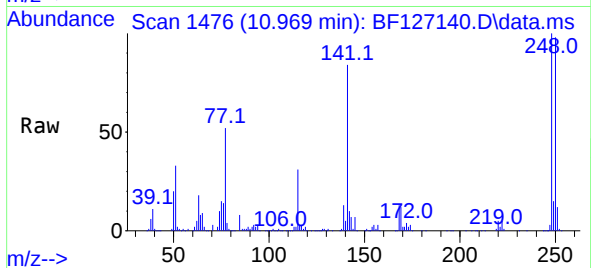
#67
4-Bromophenyl-phenylether
Concen: 41.517 ng
RT: 10.969 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

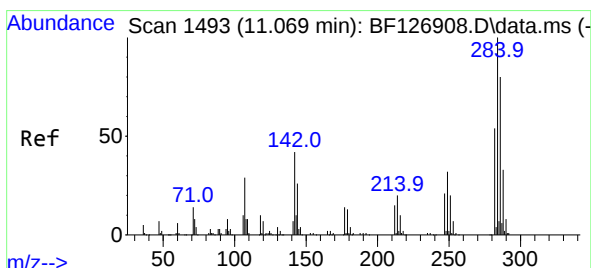
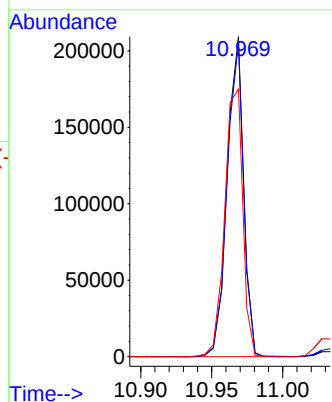
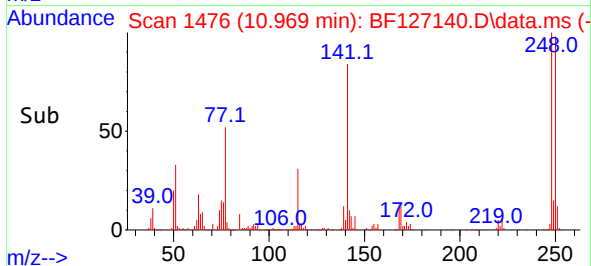


Tgt Ion:248 Resp: 169569
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.4
141 83.6 66.2 99.4

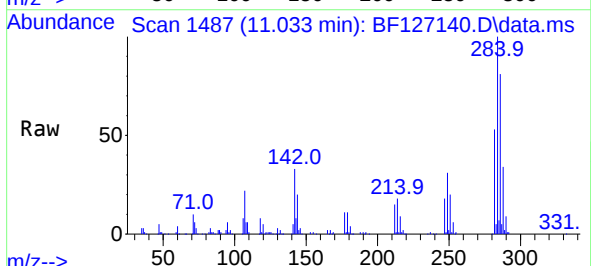
Manual Integrations

APPROVED

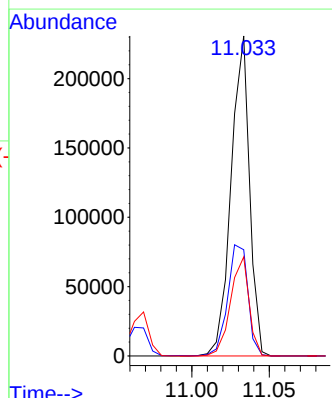
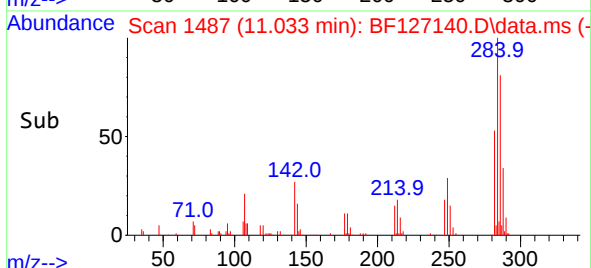
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

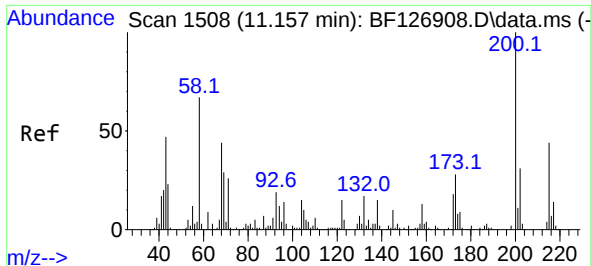


#68
Hexachlorobenzene
Concen: 43.513 ng
RT: 11.033 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



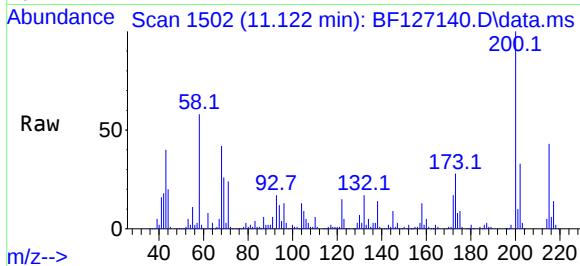
Tgt Ion:284 Resp: 191324
Ion Ratio Lower Upper
284 100
142 33.2 30.7 46.1
249 30.9 21.1 31.7





#69
Atrazine
Concen: 43.737 ng
RT: 11.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

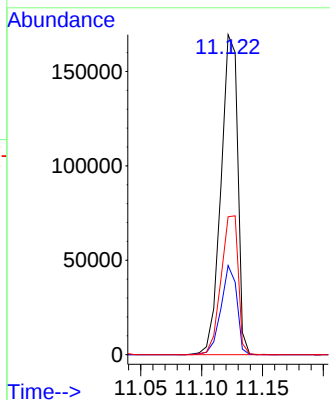
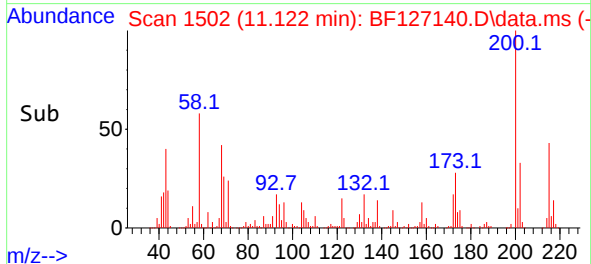
Instrument :
BNA_F
ClientSampleId :
PB143010BS



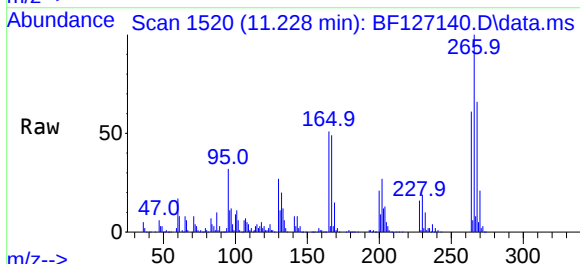
Tgt Ion:200 Resp: 16260
Ion Ratio Lower Upper
200 100
173 27.8 9.2 49.2
215 43.1 23.2 63.2

Manual Integrations
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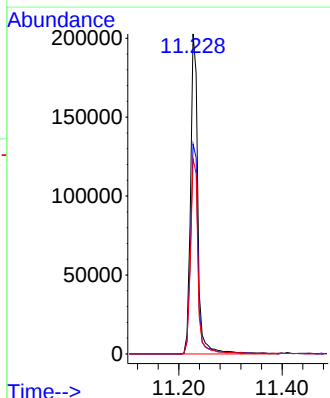
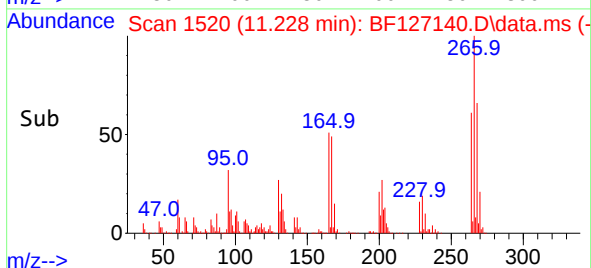
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

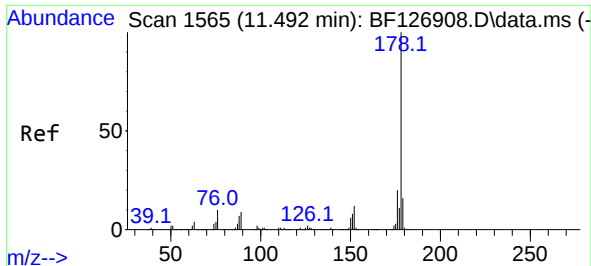


#70
Pentachlorophenol
Concen: 82.824 ng
RT: 11.228 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:266 Resp: 198796
Ion Ratio Lower Upper
266 100
268 65.6 52.3 78.5
264 61.0 50.4 75.6





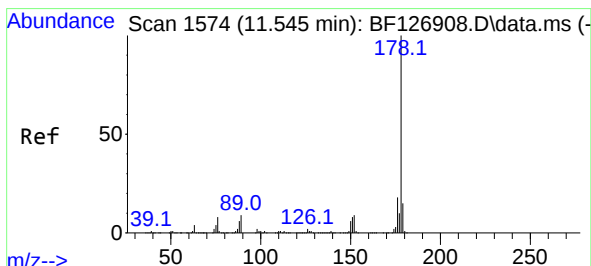
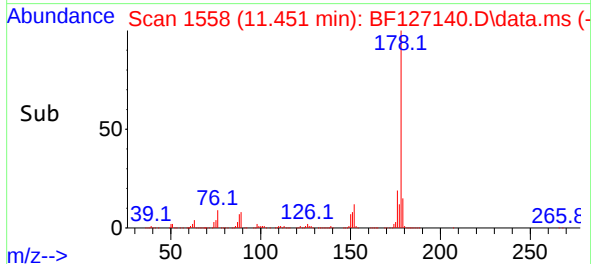
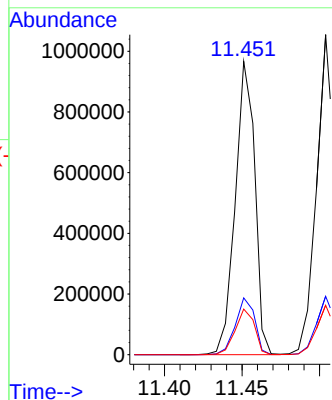
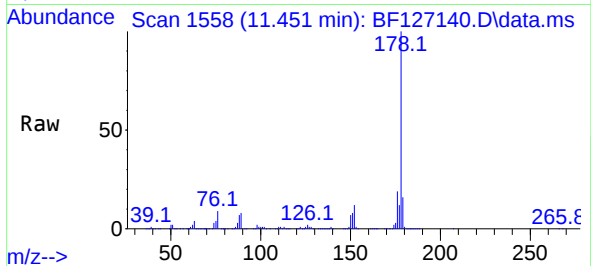
#71
Phenanthrene
Concen: 41.478 ng
RT: 11.451 min Scan# 11451
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB143010BS

Tgt Ion:178 Resp: 848684
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.5 12.3 18.5

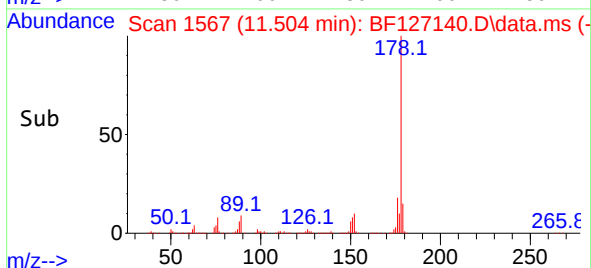
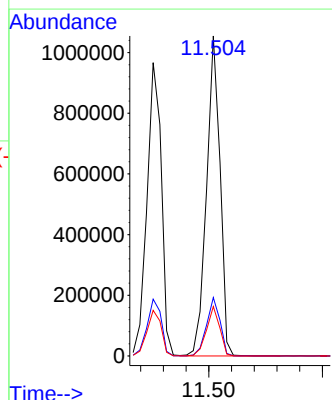
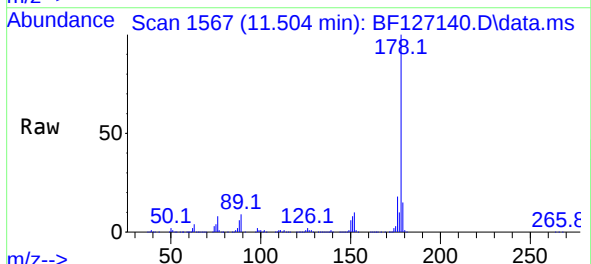
Manual Integrations
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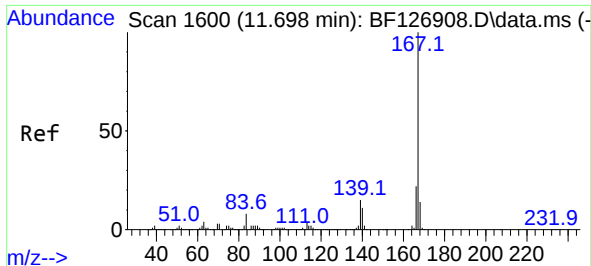
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#72
Anthracene
Concen: 42.622 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

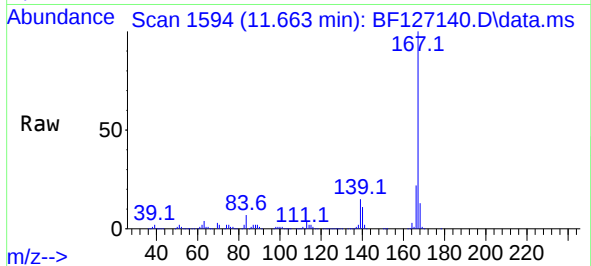
Tgt Ion:178 Resp: 868181
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 39.560 ng
 RT: 11.663 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127140.D
 Acq: 02 Mar 2022 11:44

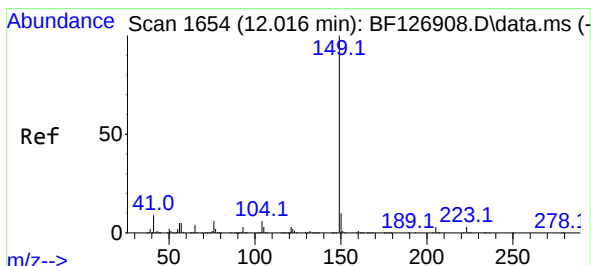
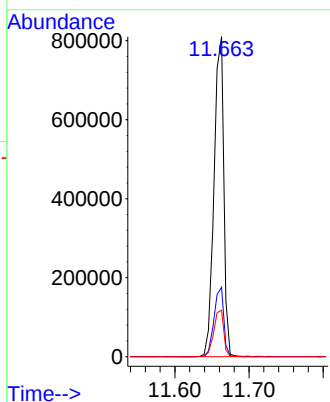
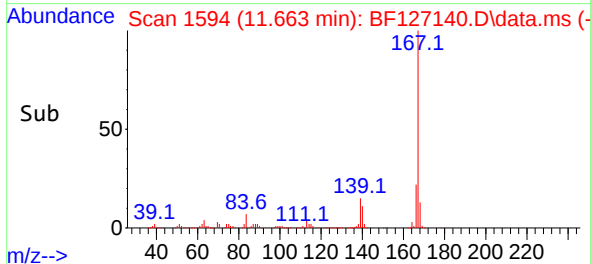
Instrument :
 BNA_F
 ClientSampleId :
 PB143010BS



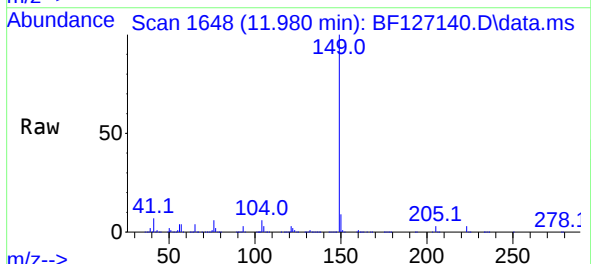
Tgt Ion:167 Resp: 73895
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 14.6 11.3 16.9

Manual Integrations
 APPROVED

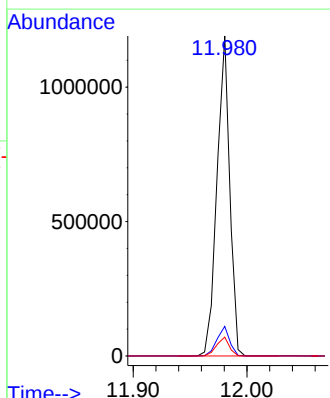
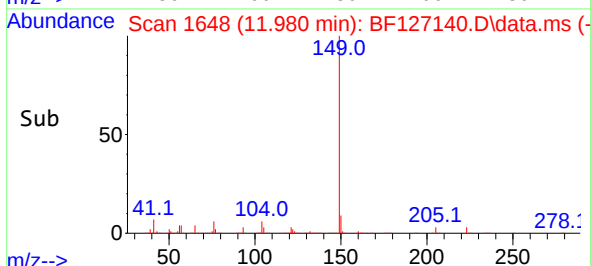
Reviewed By :Christian Giraldo 03/03/2022
 Supervised By :Jagrut Upadhyay 03/03/2022

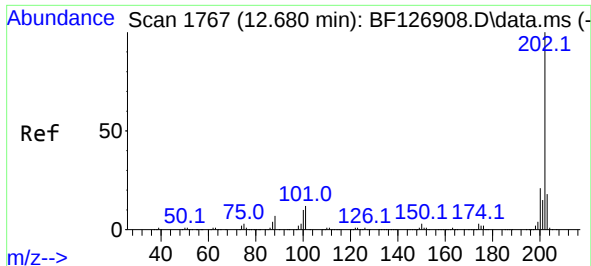


#74
 Di-n-butylphthalate
 Concen: 38.771 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. 0.000 min
 Lab File: BF127140.D
 Acq: 02 Mar 2022 11:44



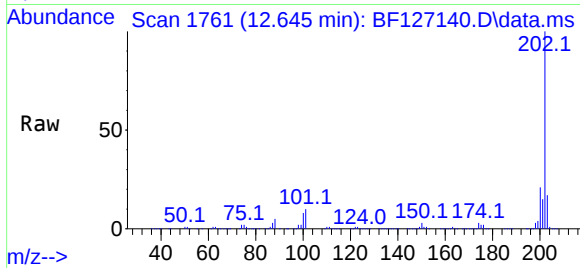
Tgt Ion:149 Resp: 931041
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.9 4.2 6.2





#75
Fluoranthene
Concen: 43.018 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

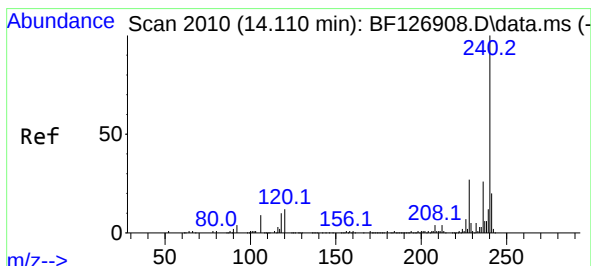
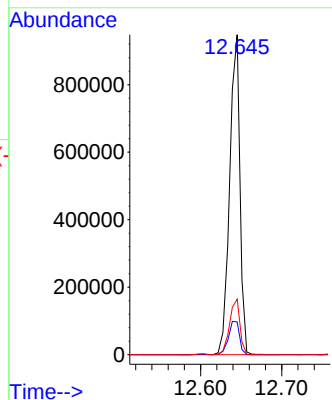
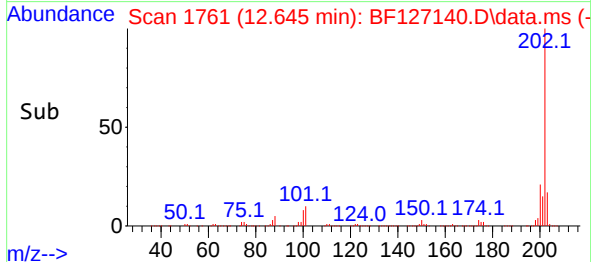
Instrument :
BNA_F
ClientSampleId :
PB143010BS



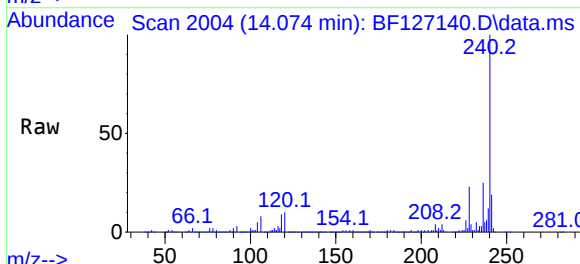
Tgt Ion:202 Resp: 835730
Ion Ratio Lower Upper
202 100
101 10.3 0.0 35.7
203 17.3 0.0 37.1

Manual Integrations
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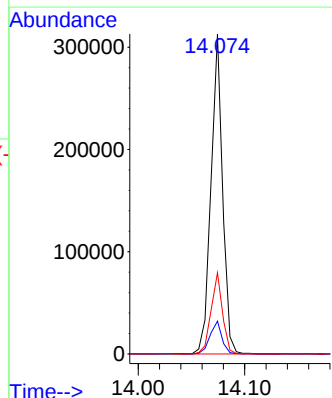
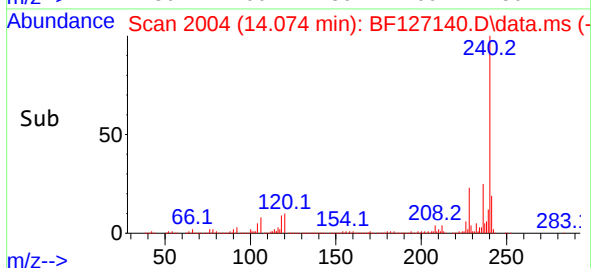
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



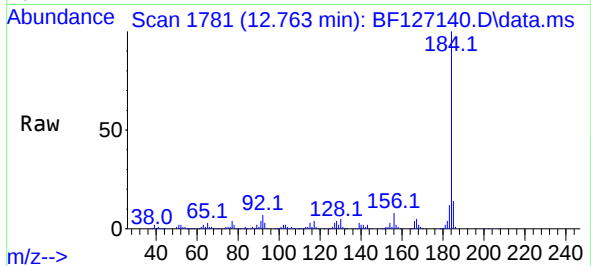
Tgt Ion:240 Resp: 237756
Ion Ratio Lower Upper
240 100
120 10.3 14.4 21.6#
236 25.4 20.5 30.7





#77
Benzidine
Concen: 46.109 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

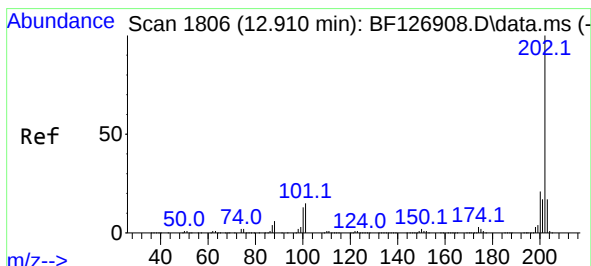
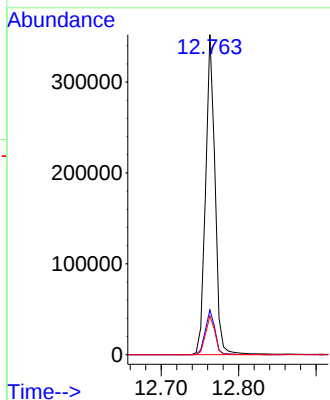
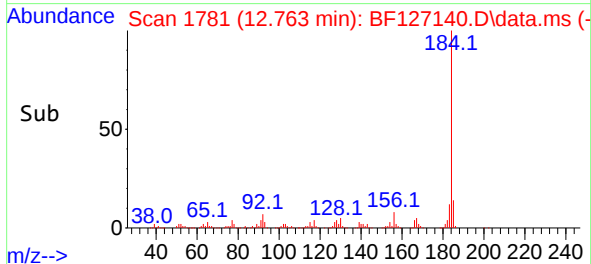
Instrument :
BNA_F
ClientSampleId :
PB143010BS



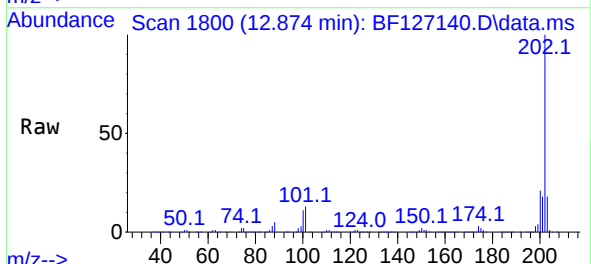
Tgt Ion:184 Resp: 297910
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 12.1 8.2 12.2

Manual Integrations
APPROVED

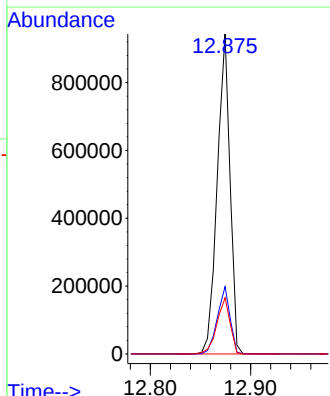
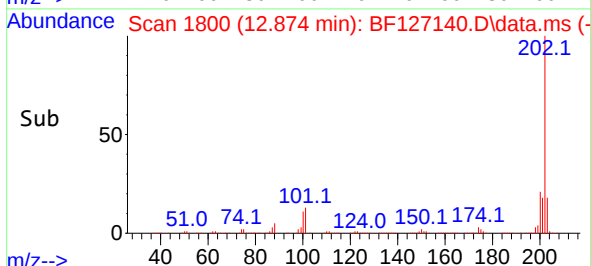
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#78
Pyrene
Concen: 40.304 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:202 Resp: 832507
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.6 13.8 20.8





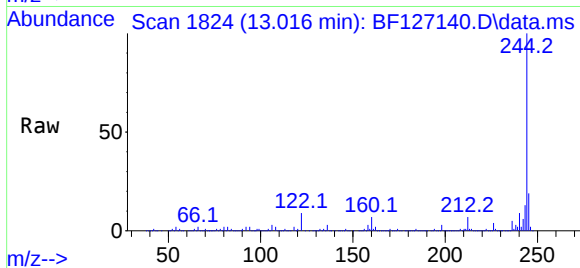
#79
 Terphenyl-d14
 Concen: 74.727 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127140.D
 Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

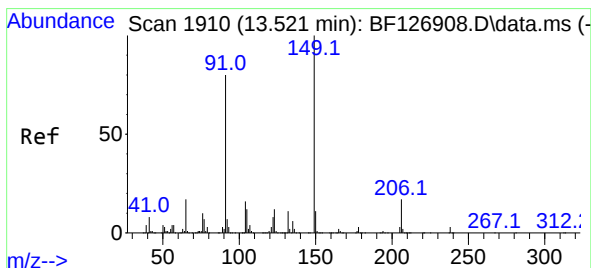
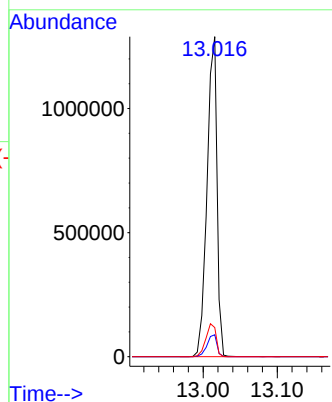
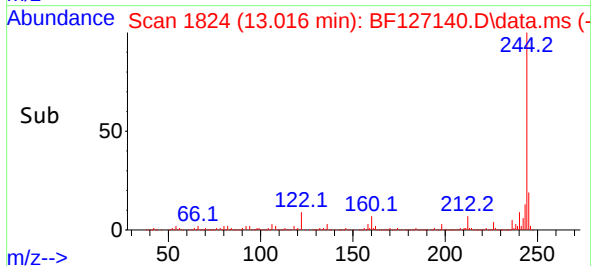


Tgt Ion:244 Resp: 120859
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 9.1 13.3 19.9

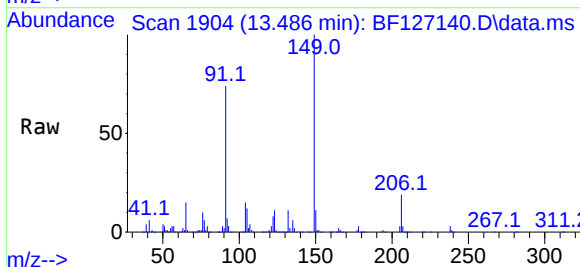
Manual Integrations

APPROVED

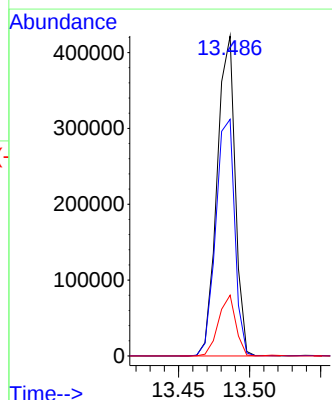
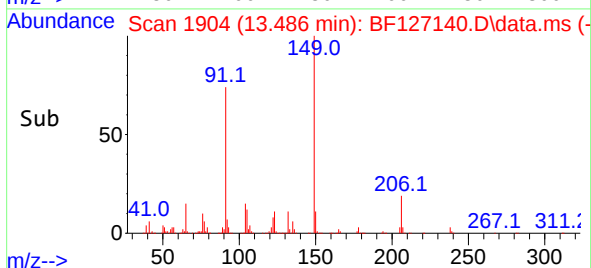
Reviewed By :Christian Giraldo 03/03/2022
 Supervised By :Jagrut Upadhyay 03/03/2022

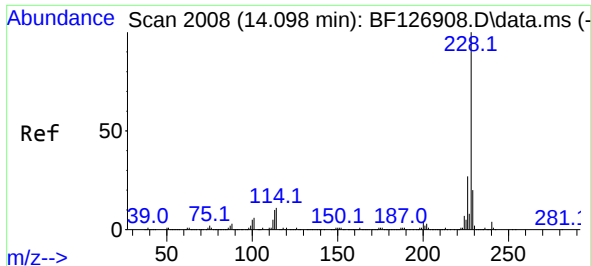


#80
 Butylbenzylphthalate
 Concen: 38.261 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: BF127140.D
 Acq: 02 Mar 2022 11:44



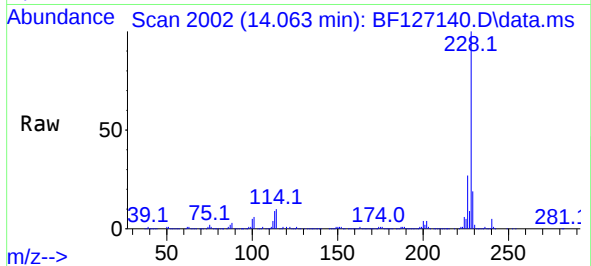
Tgt Ion:149 Resp: 374149
 Ion Ratio Lower Upper
 149 100
 91 73.9 70.5 105.7
 206 19.0 12.6 19.0





#81
Benzo(a)anthracene
Concen: 39.959 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

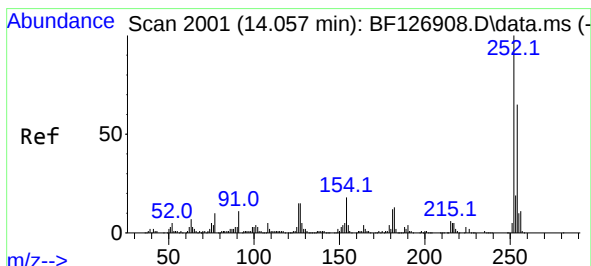
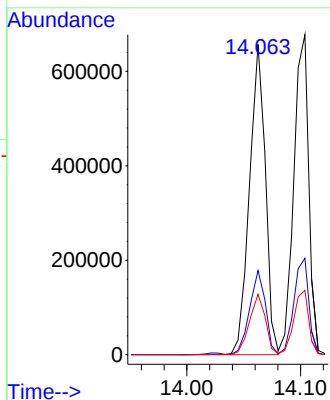
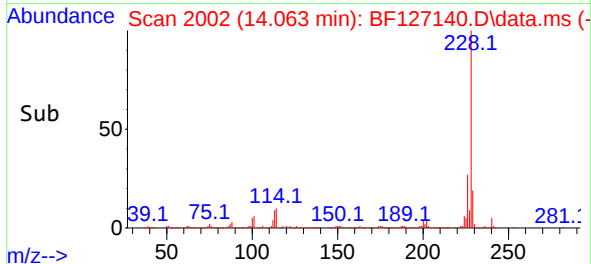
Instrument :
BNA_F
ClientSampleId :
PB143010BS



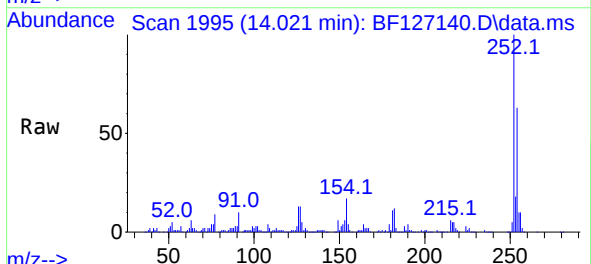
Tgt Ion:228 Resp: 64049
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.5 15.4 23.2

Manual Integrations
APPROVED

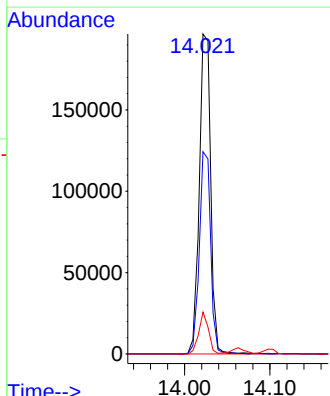
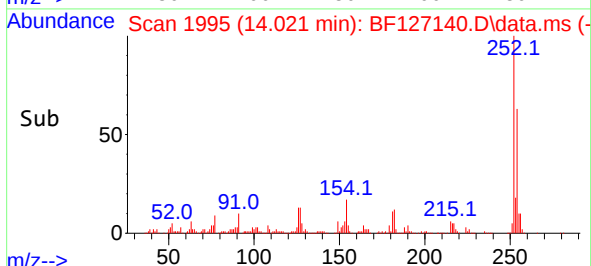
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

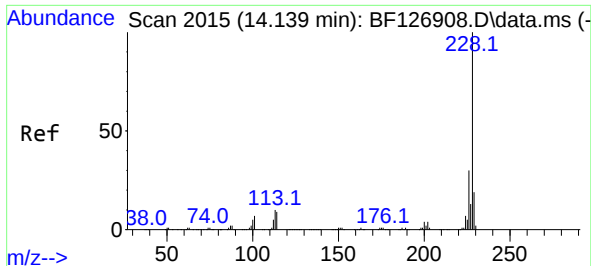


#82
3,3'-Dichlorobenzidine
Concen: 36.297 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:252 Resp: 183349
Ion Ratio Lower Upper
252 100
254 63.2 51.0 76.4
126 13.1 13.4 20.0#





#83
Chrysene
Concen: 40.988 ng
RT: 14.104 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

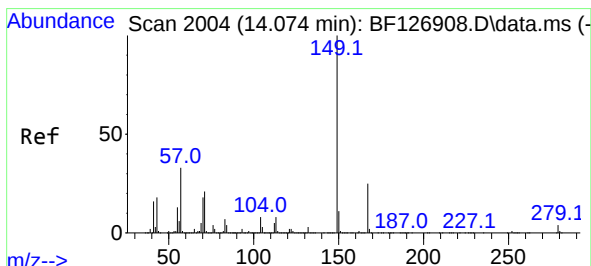
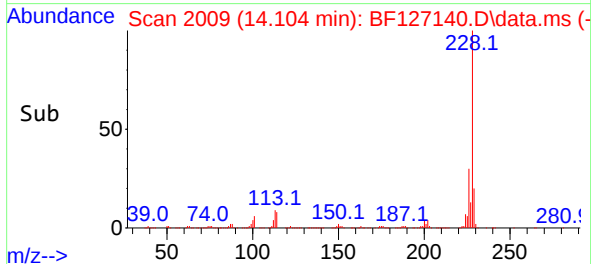
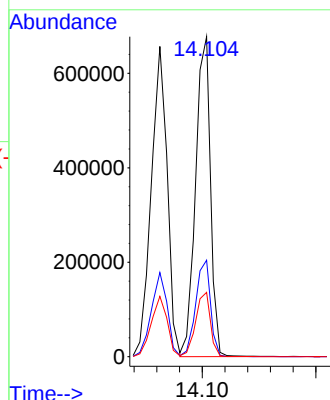
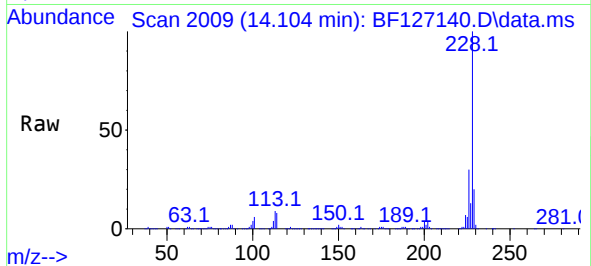
PB143010BS

Tgt Ion:228 Resp: 617809
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.1 15.5 23.3

Manual Integrations

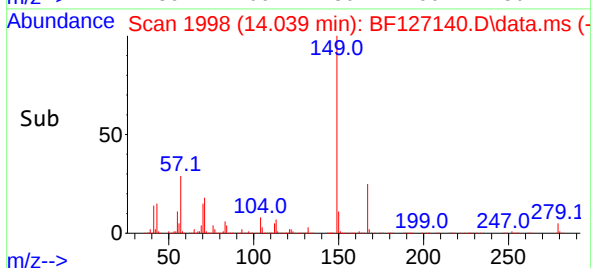
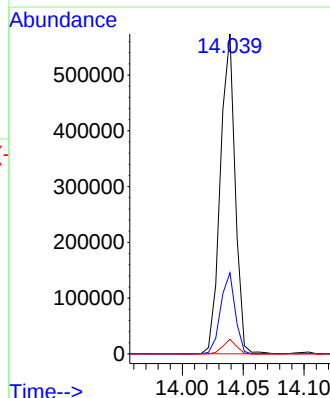
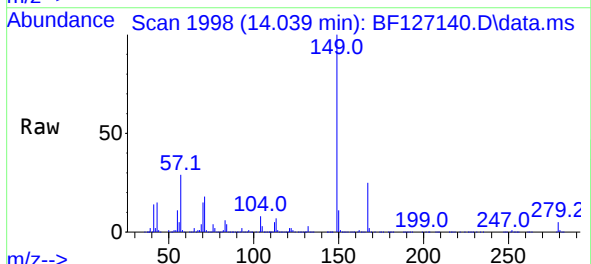
APPROVED

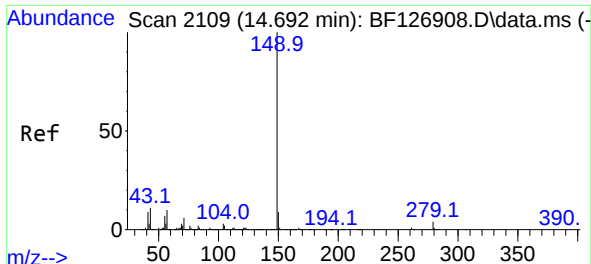
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.853 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

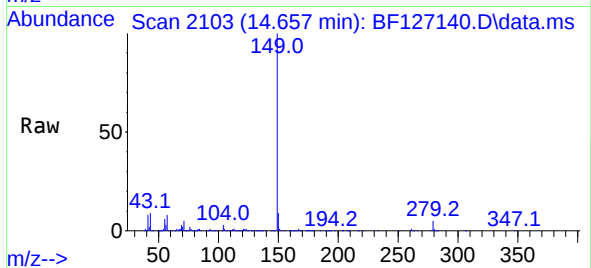
Tgt Ion:149 Resp: 485972
Ion Ratio Lower Upper
149 100
167 25.3 21.4 32.2
279 4.6 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 39.608 ng
RT: 14.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

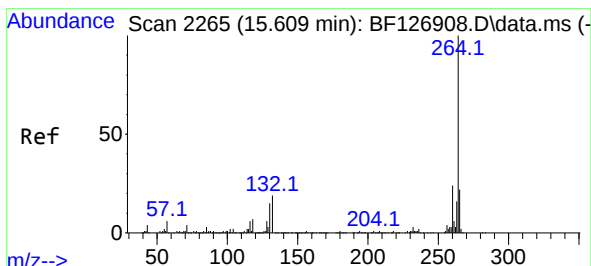
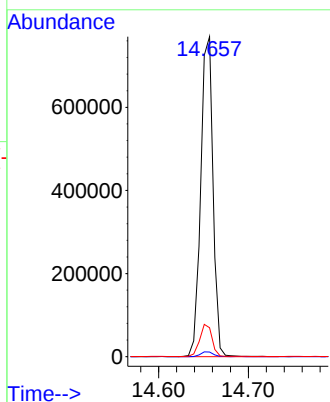
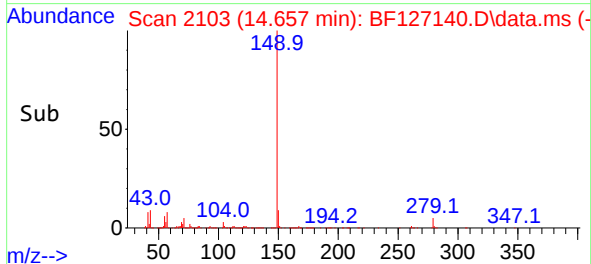
Instrument :
BNA_F
ClientSampleId :
PB143010BS



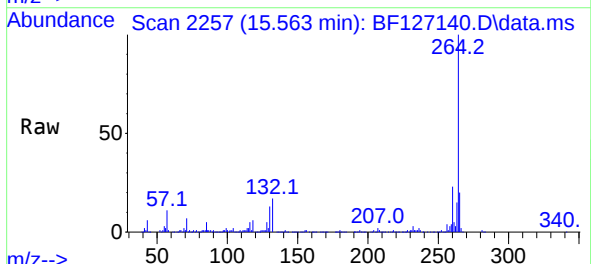
Tgt Ion:149 Resp: 732150
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.0 9.9 14.9

Manual Integrations
APPROVED

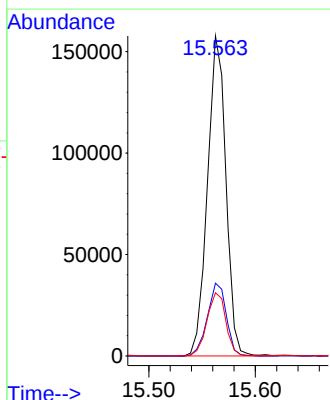
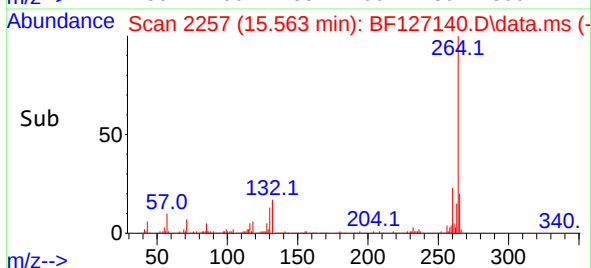
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

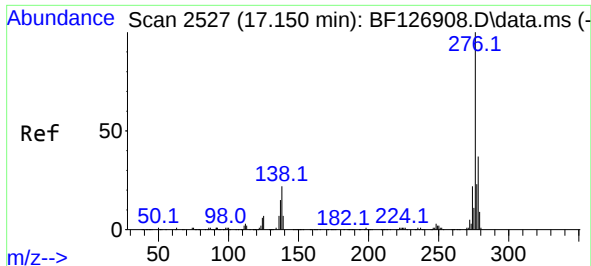


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



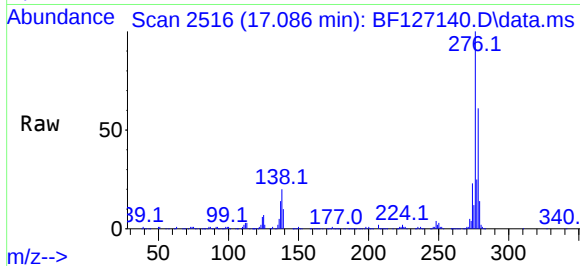
Tgt Ion:264 Resp: 189442
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 19.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.366 ng
RT: 17.086 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44

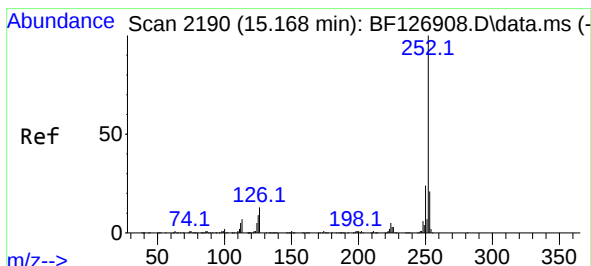
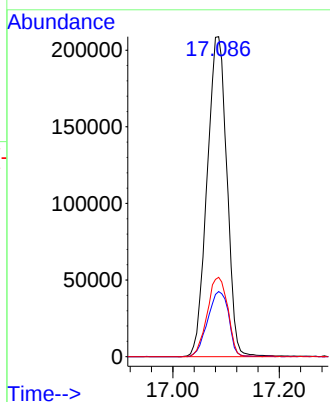
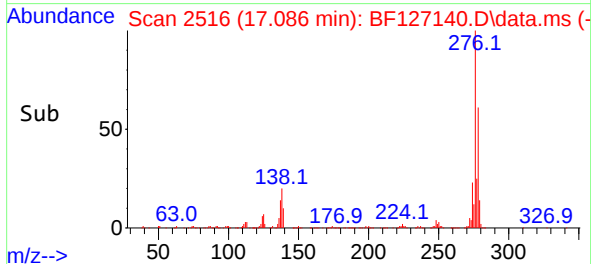
Instrument :
BNA_F
ClientSampleId :
PB143010BS



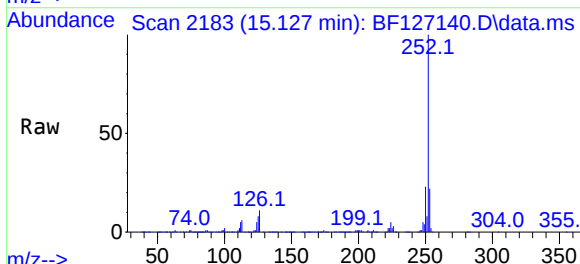
Tgt Ion:276 Resp: 538690
Ion Ratio Lower Upper
276 100
138 21.6 29.2 43.8
277 25.8 19.8 29.8

Manual Integrations
APPROVED

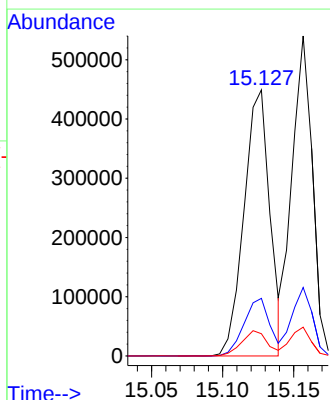
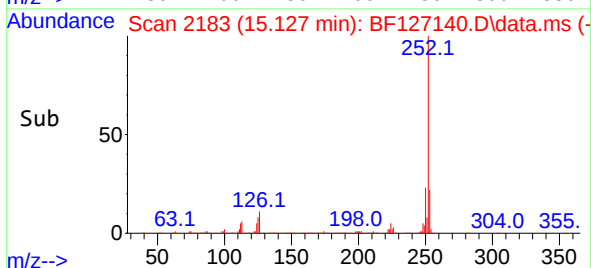
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

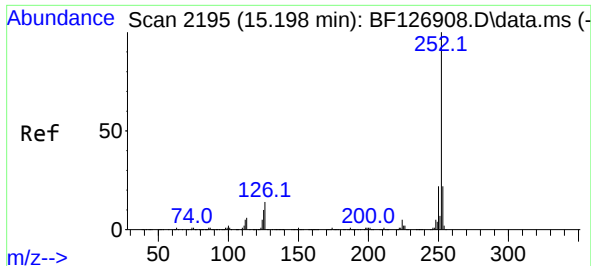


#88
Benzo(b)fluoranthene
Concen: 44.659 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF127140.D
Acq: 02 Mar 2022 11:44



Tgt Ion:252 Resp: 568230
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.3 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 44.229 ng

RT: 15.157 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

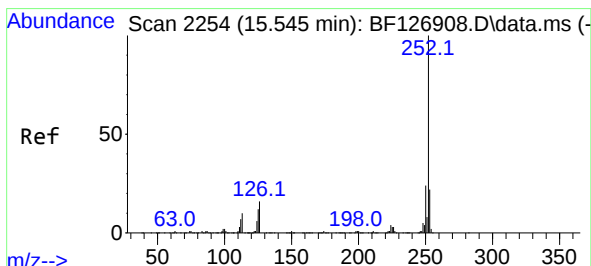
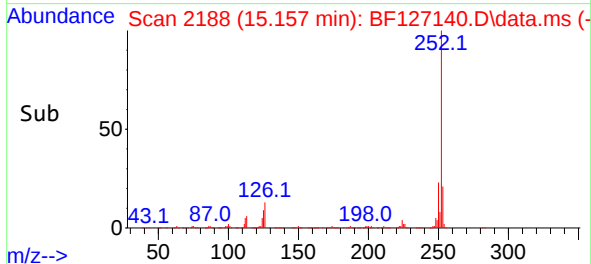
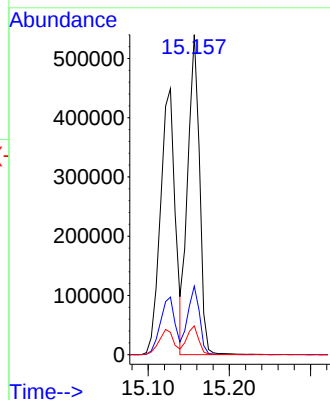
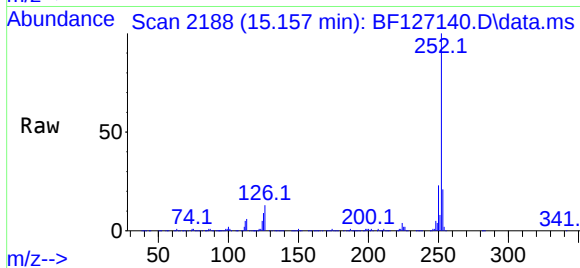
Tgt Ion:252 Resp: 542794

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	9.0	11.8	17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#90

Benzo(a)pyrene

Concen: 51.194 ng

RT: 15.504 min Scan# 2247

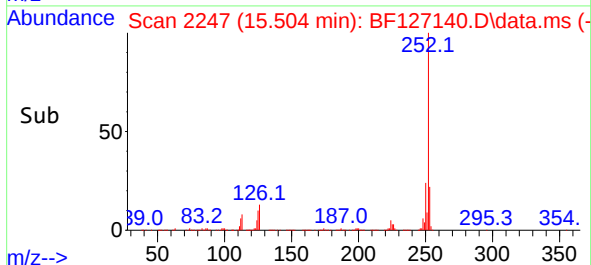
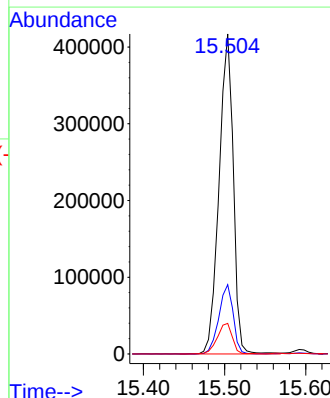
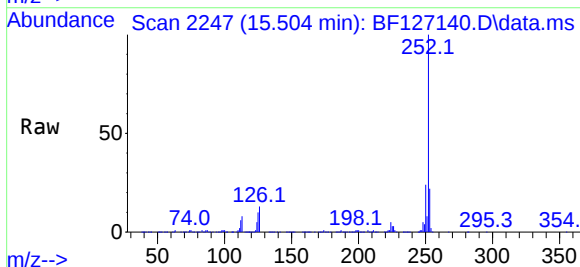
Delta R.T. 0.000 min

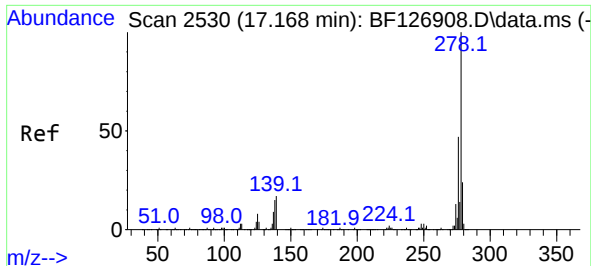
Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Tgt Ion:252 Resp: 508786

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.6	13.0	19.6





#91

Dibenzo(a,h)anthracene

Concen: 44.177 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB143010BS

Tgt Ion:278 Resp: 45385

Ion Ratio Lower Upper

278 100

139 13.7 18.0 27.0

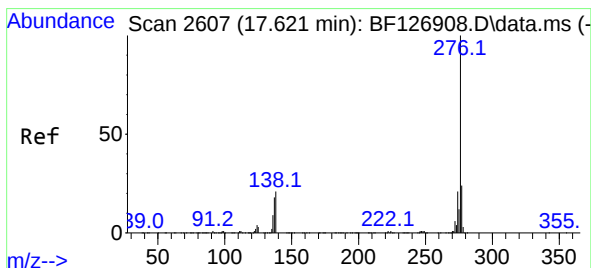
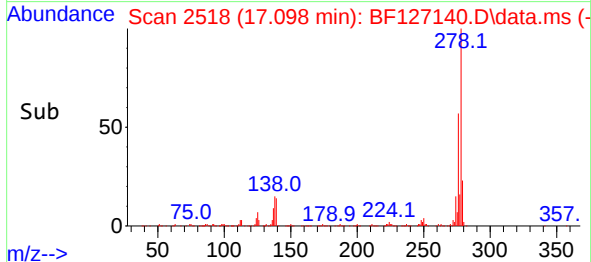
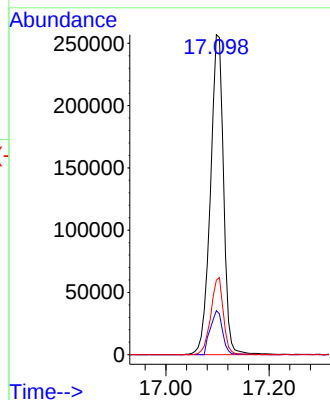
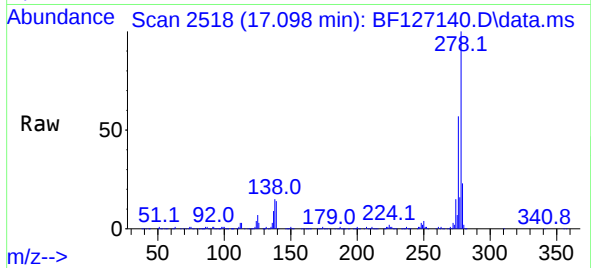
279 23.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022

Supervised By :Jagrut Upadhyay 03/03/2022



#92

Benzo(g,h,i)perylene

Concen: 44.224 ng

RT: 17.551 min Scan# 2595

Delta R.T. 0.000 min

Lab File: BF127140.D

Acq: 02 Mar 2022 11:44

Tgt Ion:276 Resp: 447919

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 18.0 25.9 38.9

