

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041422\
 Data File : BF127794.D
 Acq On : 14 Apr 2022 15:09
 Operator : CG\JU
 Sample : PB144112BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB144112BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/22/2022
 Supervised By : Jagrut Upadhyay 04/22/2022

Quant Time: Apr 15 05:06:04 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 13 16:40:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	141976	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	524366	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	299394	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	555281	20.000	ng	0.00
76) Chrysene-d12	14.145	240	367570	20.000	ng	0.00
86) Perylene-d12	15.663	264	290660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1057571	121.038	ng	0.01
7) Phenol-d6	6.587	99	1367004	119.593	ng	0.00
23) Nitrobenzene-d5	7.528	82	978279	83.173	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	410060	128.707	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1661972	78.530	ng	0.00
79) Terphenyl-d14	13.080	244	1950678	87.597	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.910	88	152702	36.846	ng	# 83
3) Pyridine	3.657	79	394900	36.178	ng	83
4) n-Nitrosodimethylamine	3.628	42	230164	39.208	ng	# 89
6) Aniline	6.622	93	554667	40.686	ng	95
8) 2-Chlorophenol	6.746	128	426927	48.168	ng	93
9) Benzaldehyde	6.510	77	307868	56.747	ng	98
10) Phenol	6.598	94	530993	46.458	ng	96
11) bis(2-Chloroethyl)ether	6.693	93	426214	45.155	ng	92
12) 1,3-Dichlorobenzene	6.898	146	457013	45.126	ng	98
13) 1,4-Dichlorobenzene	6.975	146	461043	45.034	ng	98
14) 1,2-Dichlorobenzene	7.128	146	437346	44.692	ng	100
15) Benzyl Alcohol	7.098	79	390995m	39.127	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	610211	40.956	ng	95
17) 2-Methylphenol	7.204	107	349217	45.295	ng	99
18) Hexachloroethane	7.469	117	175883	45.023	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	315552	42.682	ng	95
20) 3+4-Methylphenols	7.357	107	425359	43.294	ng	# 73
22) Acetophenone	7.369	105	591228	41.959	ng	# 83
24) Nitrobenzene	7.545	77	505841	44.365	ng	96
25) Isophorone	7.781	82	924203	45.031	ng	98
26) 2-Nitrophenol	7.857	139	218492	53.323	ng	92
27) 2,4-Dimethylphenol	7.887	122	397805	49.587	ng	92
28) bis(2-Chloroethoxy)met...	7.987	93	529445	41.836	ng	98
29) 2,4-Dichlorophenol	8.098	162	376234	43.535	ng	94
30) 1,2,4-Trichlorobenzene	8.181	180	424750	42.705	ng	96
31) Naphthalene	8.263	128	1185884	43.159	ng	98
32) Benzoic acid	8.010	122	247463	42.517	ng	93
33) 4-Chloroaniline	8.310	127	270547	25.001	ng	95
34) Hexachlorobutadiene	8.375	225	282795	41.334	ng	99
35) Caprolactam	8.687	113	117484m	45.996	ng	
36) 4-Chloro-3-methylphenol	8.792	107	398111	43.939	ng	99
37) 2-Methylnaphthalene	8.957	142	795385	43.281	ng	100
38) 1-Methylnaphthalene	9.057	142	766057	43.187	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	424626	43.241	ng	# 98
41) Hexachlorocyclopentadiene	9.104	237	582613	98.493	ng	96
43) 2,4,6-Trichlorophenol	9.234	196	283389	42.507	ng	99

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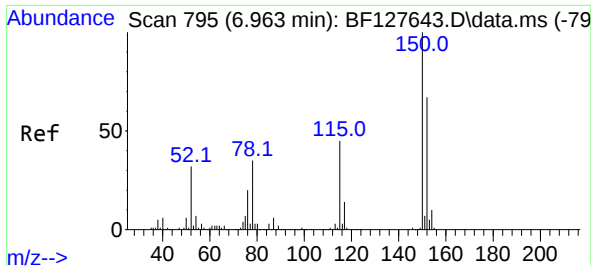
Manual Integrations
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Quant Time: Apr 15 05:06:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
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 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

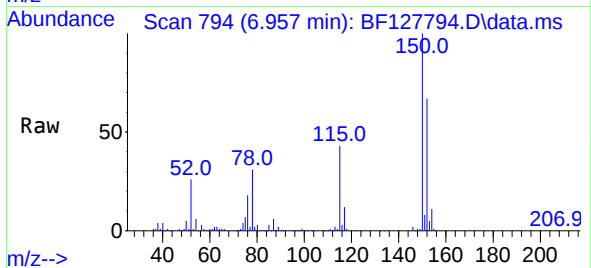
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	311160	46.254	ng	93
46) 1,1'-Biphenyl	9.422	154	997567	43.567	ng	99
47) 2-Chloronaphthalene	9.451	162	786440	43.221	ng	99
48) 2-Nitroaniline	9.545	65	275203	48.697	ng	91
49) Acenaphthylene	9.869	152	1270767	45.914	ng	100
50) Dimethylphthalate	9.722	163	932671	42.977	ng	99
51) 2,6-Dinitrotoluene	9.787	165	207530	50.733	ng	# 88
52) Acenaphthene	10.039	154	857918	49.201	ng	98
53) 3-Nitroaniline	9.957	138	145383	33.642	ng	96
54) 2,4-Dinitrophenol	10.063	184	224916	108.881	ng	96
55) Dibenzofuran	10.210	168	1076851	42.320	ng	97
56) 4-Nitrophenol	10.116	139	320602	94.451	ng	89
57) 2,4-Dinitrotoluene	10.192	165	277112	54.640	ng	# 80
58) Fluorene	10.557	166	828584	44.072	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	266358	45.438	ng	99
60) Diethylphthalate	10.422	149	877540	42.257	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	431532	41.774	ng	98
62) 4-Nitroaniline	10.575	138	206165	50.654	ng	94
63) Azobenzene	10.704	77	931796	40.154	ng	96
65) 4,6-Dinitro-2-methylph...	10.598	198	146849	54.753	ng	83
66) n-Nitrosodiphenylamine	10.663	169	737701	42.182	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	287182	42.614	ng	92
68) Hexachlorobenzene	11.098	284	326632	44.338	ng	97
69) Atrazine	11.192	200	288582	49.666	ng	99
70) Pentachlorophenol	11.292	266	374330	85.077	ng	97
71) Phenanthrene	11.522	178	1258454	42.775	ng	99
72) Anthracene	11.575	178	1284309	44.131	ng	99
73) Carbazole	11.728	167	1157100	42.432	ng	98
74) Di-n-butylphthalate	12.051	149	1329377	40.780	ng	99
75) Fluoranthene	12.710	202	1436772	44.753	ng	98
77) Benzidine	12.833	184	696593	72.608	ng	99
78) Pyrene	12.945	202	1449812	46.710	ng	99
80) Butylbenzylphthalate	13.557	149	517174	44.751	ng	87
81) Benzo(a)anthracene	14.133	228	1144864	46.635	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	237925	31.087	ng	98
83) Chrysene	14.169	228	1024415	43.471	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	647173	39.729	ng	99
85) Di-n-octyl phthalate	14.727	149	853317	35.826	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.221	276	959712	52.847	ng	99
88) Benzo(b)fluoranthene	15.210	252	874533	46.771	ng	99
89) Benzo(k)fluoranthene	15.239	252	866160	46.706	ng	99
90) Benzo(a)pyrene	15.598	252	837331	55.096	ng	99
91) Dibenzo(a,h)anthracene	17.245	278	820637	55.773	ng	98
92) Benzo(g,h,i)perylene	17.704	276	852789	56.534	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

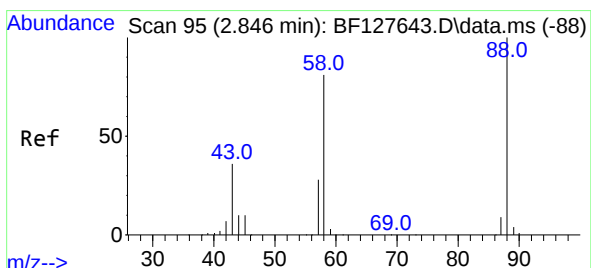
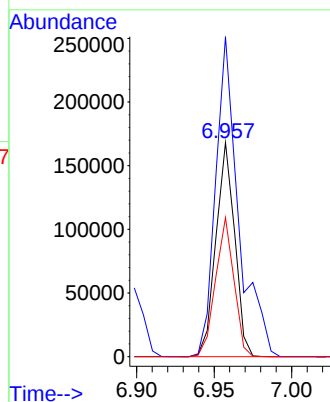
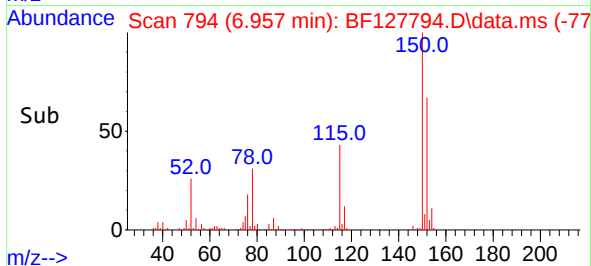
Instrument :
BNA_F
ClientSampleId :
PB144112BS



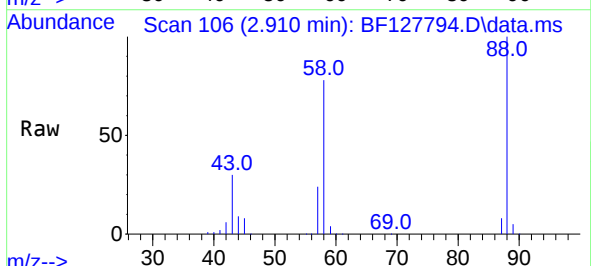
Tgt Ion:152 Resp: 141970
Ion Ratio Lower Upper
152 100
150 149.4 117.2 175.8
115 64.9 49.8 74.6

Manual Integrations
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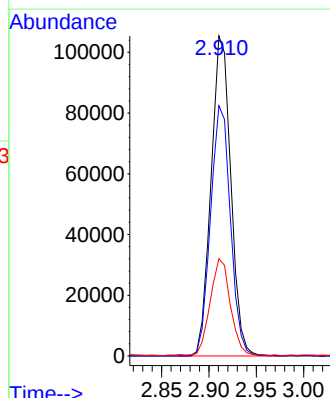
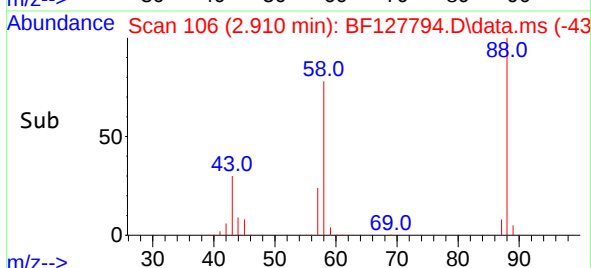
Reviewed By :Christian Giraldo 04/22/2022
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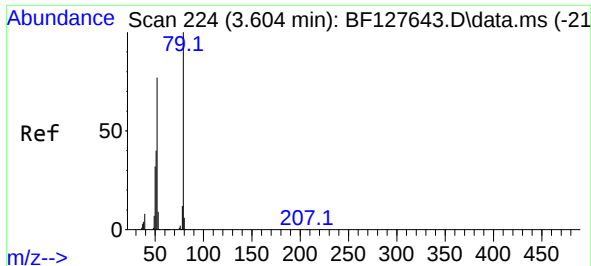


#2
1,4-Dioxane
Concen: 36.846 ng
RT: 2.910 min Scan# 106
Delta R.T. 0.071 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion: 88 Resp: 152702
Ion Ratio Lower Upper
88 100
58 78.6 77.0 115.4
43 31.0 31.3 46.9#





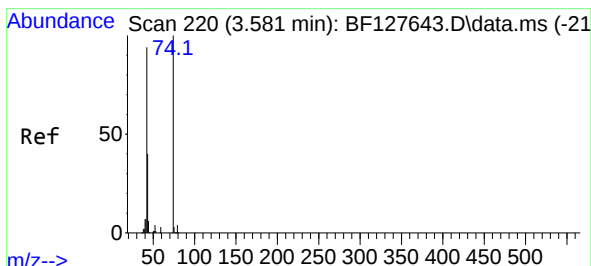
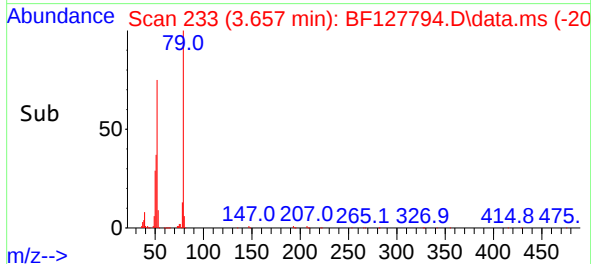
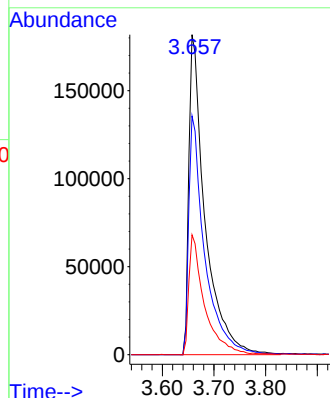
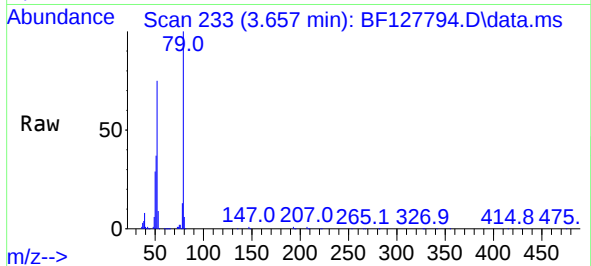
#3
Pyridine
Concen: 36.178 ng
RT: 3.657 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :
BNA_F
ClientSampleId :
PB144112BS

Tgt Ion: 79 Resp: 394900
Ion Ratio Lower Upper
79 100
52 74.6 74.2 111.4
51 37.4 36.7 55.1

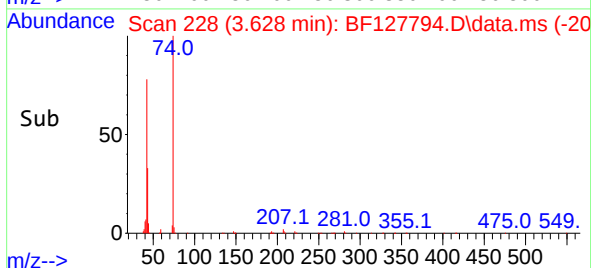
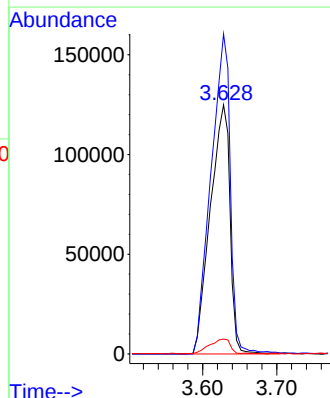
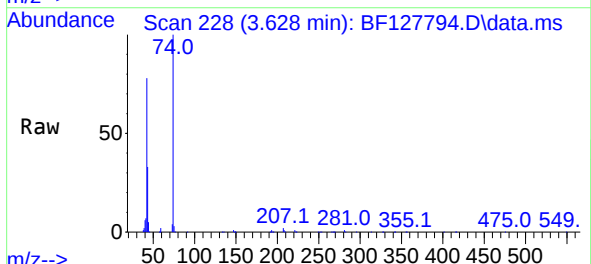
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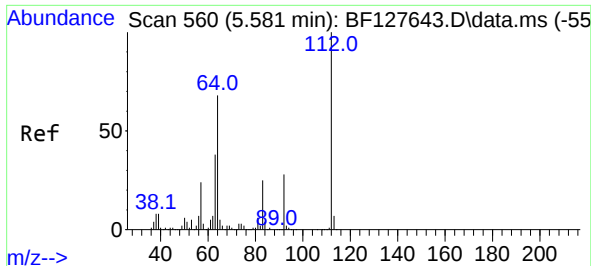
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#4
n-Nitrosodimethylamine
Concen: 39.208 ng
RT: 3.628 min Scan# 228
Delta R.T. 0.047 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

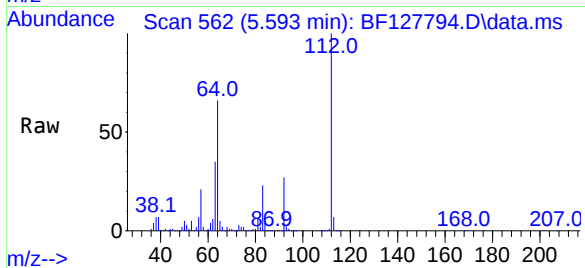
Tgt Ion: 42 Resp: 230164
Ion Ratio Lower Upper
42 100
74 128.4 92.4 138.6
44 6.0 6.0 9.0





#5
2-Fluorophenol
Concen: 121.038 ng
RT: 5.593 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

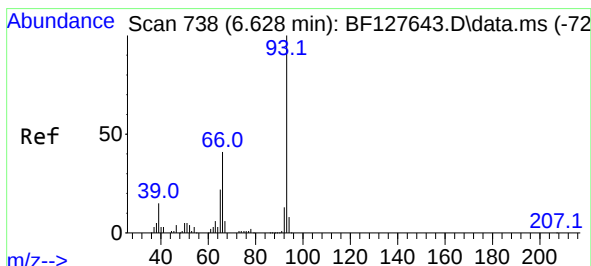
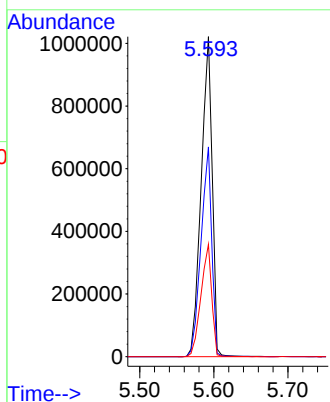
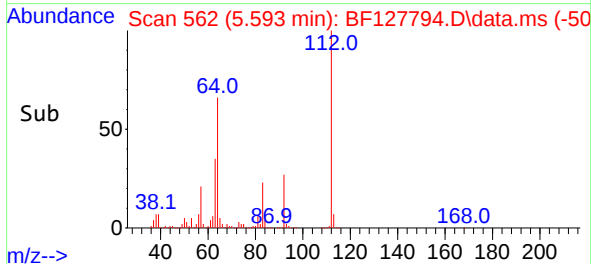
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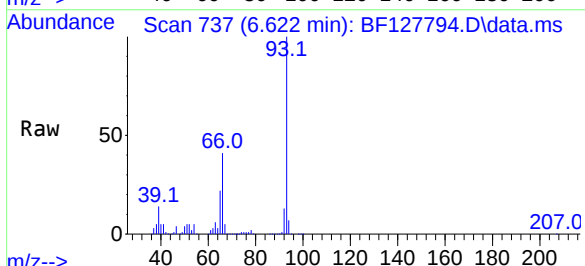
Tgt Ion:112 Resp: 105757
Ion Ratio Lower Upper
112 100
64 65.6 58.4 87.6
63 35.1 30.1 45.1

Manual Integrations
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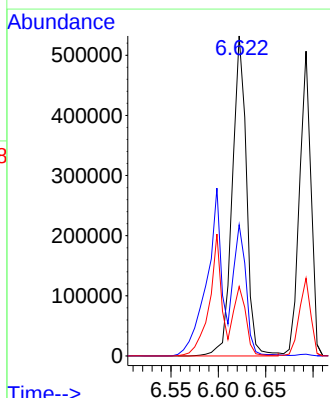
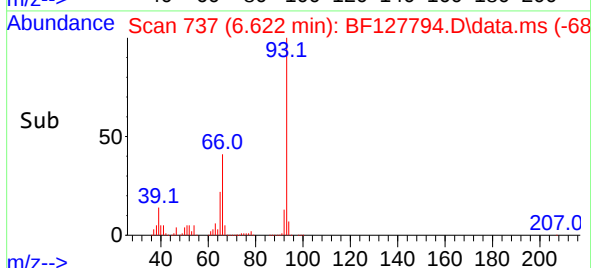
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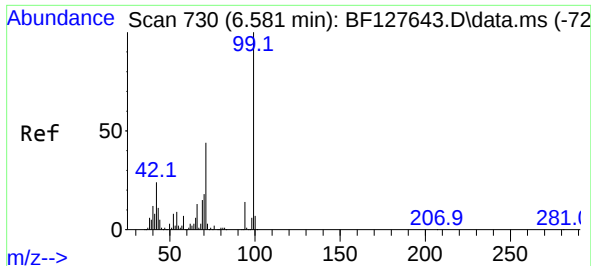


#6
Aniline
Concen: 40.686 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



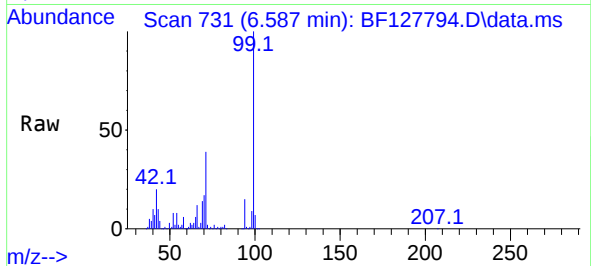
Tgt Ion: 93 Resp: 554667
Ion Ratio Lower Upper
93 100
66 41.0 36.2 54.4
65 21.7 18.4 27.6





#7
Phenol-d6
Concen: 119.593 ng
RT: 6.587 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

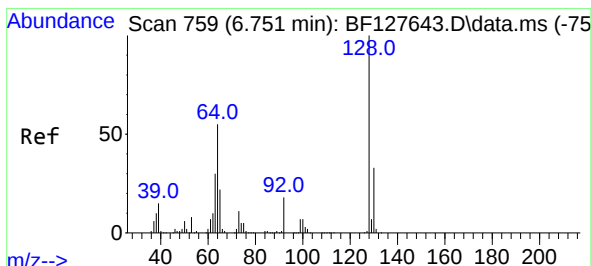
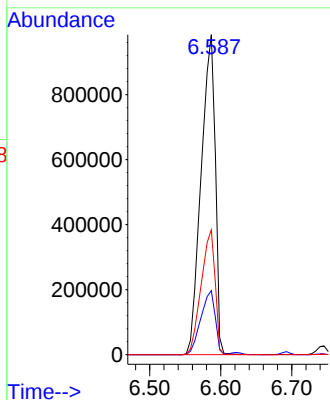
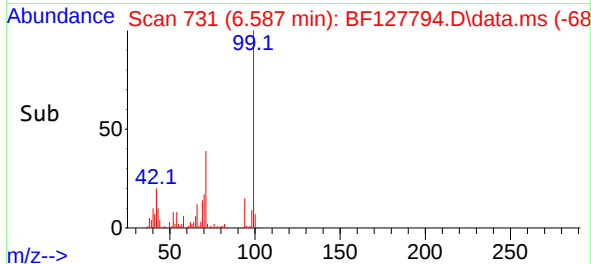
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ClientSampleId :
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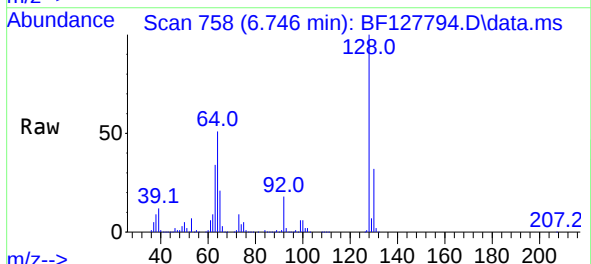
Tgt Ion: 99 Resp: 1367004
Ion Ratio Lower Upper
99 100
42 20.0 17.8 26.6
71 39.0 29.6 44.4

Manual Integrations
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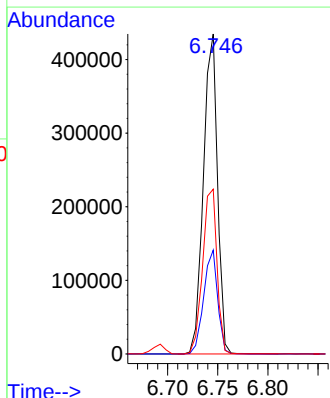
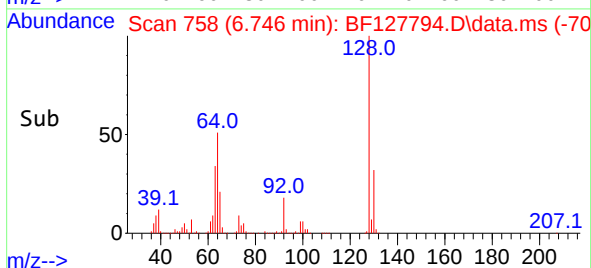
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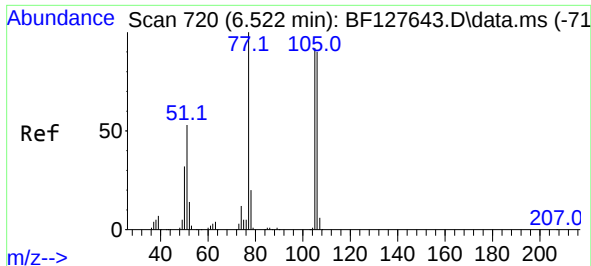


#8
2-Chlorophenol
Concen: 48.168 ng
RT: 6.746 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



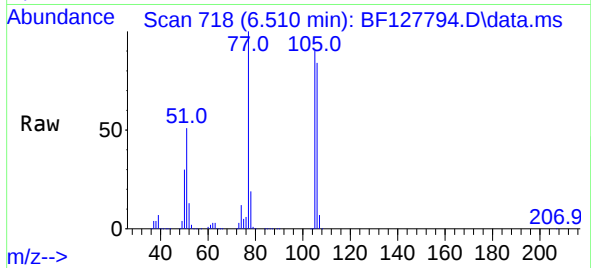
Tgt Ion:128 Resp: 426927
Ion Ratio Lower Upper
128 100
130 32.5 11.3 51.3
64 51.5 38.4 78.4





#9
Benzaldehyde
Concen: 56.747 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

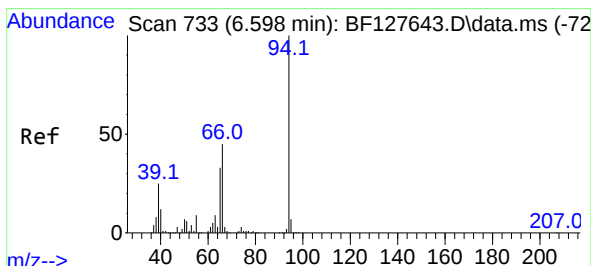
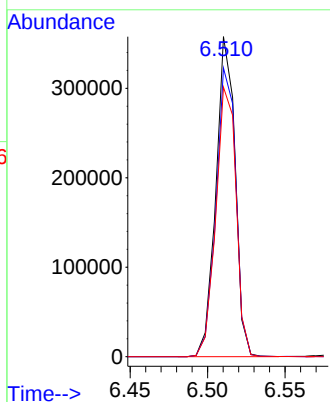
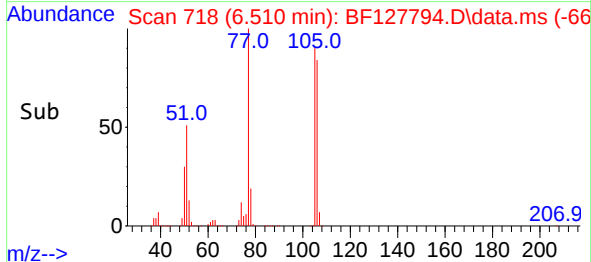
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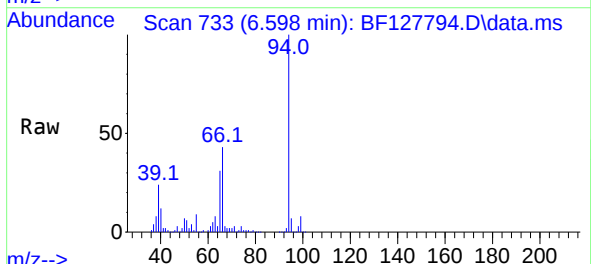
Tgt Ion: 77 Resp: 307868
Ion Ratio Lower Upper
77 100
105 90.2 66.8 106.8
106 84.2 64.3 104.3

Manual Integrations
APPROVED

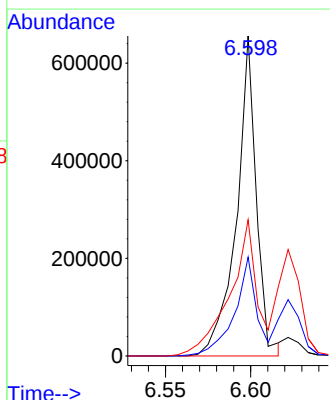
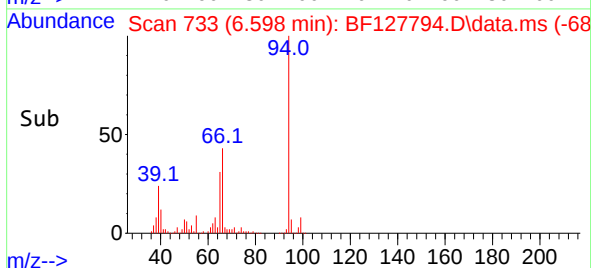
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

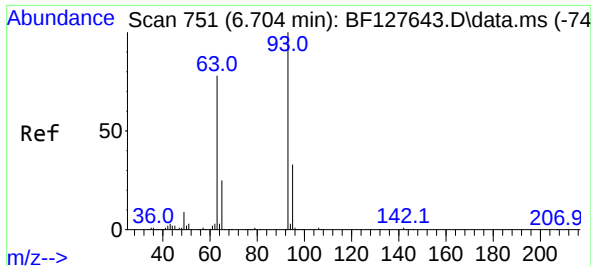


#10
Phenol
Concen: 46.458 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



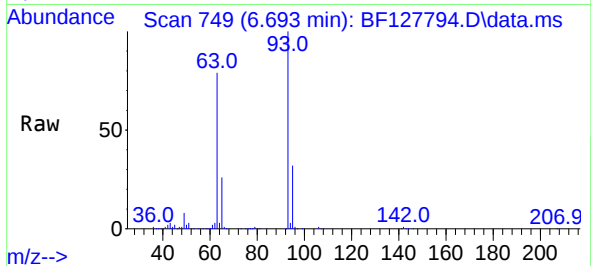
Tgt Ion: 94 Resp: 530993
Ion Ratio Lower Upper
94 100
65 30.9 13.1 53.1
66 42.6 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 45.155 ng
RT: 6.693 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

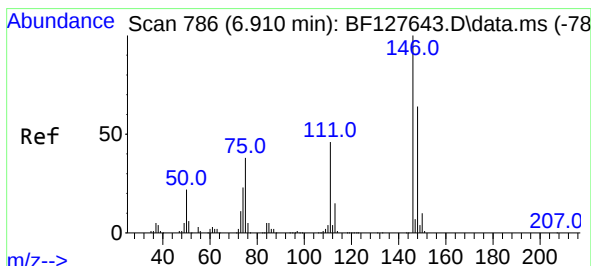
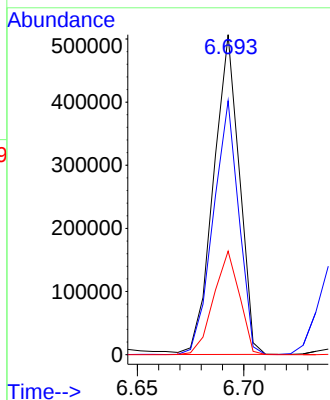
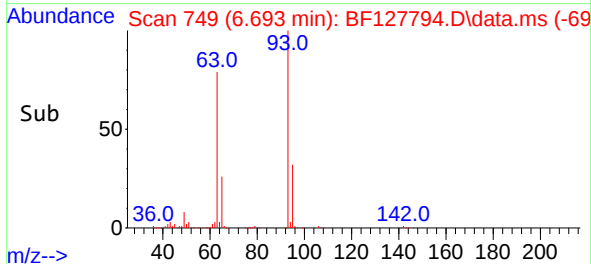
Instrument :
BNA_F
ClientSampleId :
PB144112BS



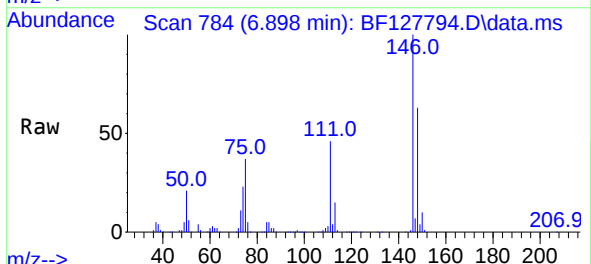
Tgt Ion: 93 Resp: 426214
Ion Ratio Lower Upper
93 100
63 79.4 69.6 109.6
95 32.3 11.6 51.6

Manual Integrations
APPROVED

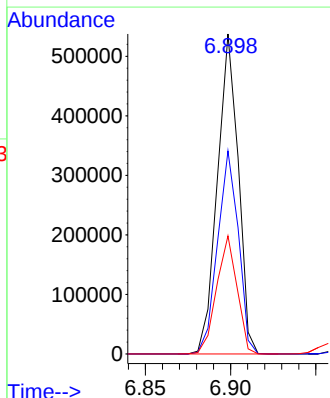
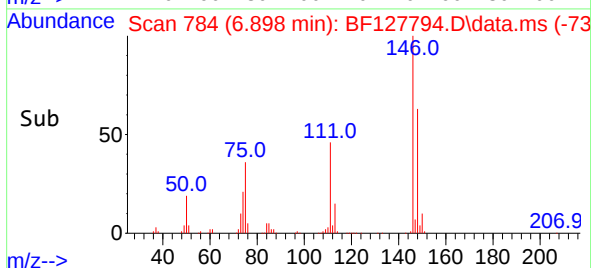
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

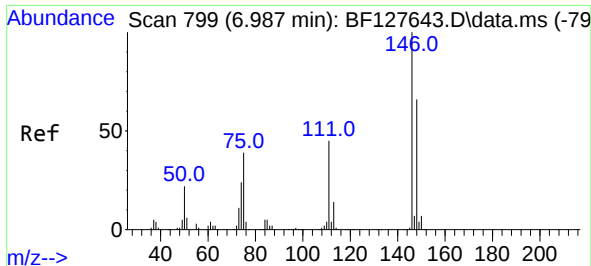


#12
1,3-Dichlorobenzene
Concen: 45.126 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:146 Resp: 457013
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
75 36.9 32.4 48.6





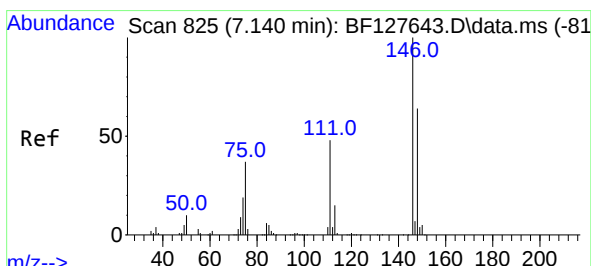
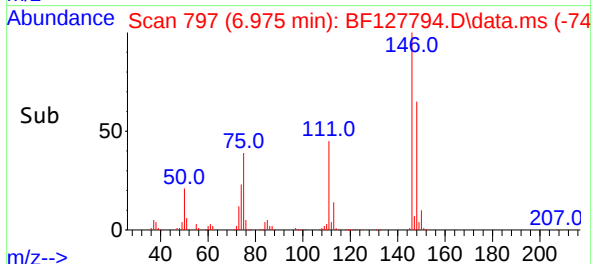
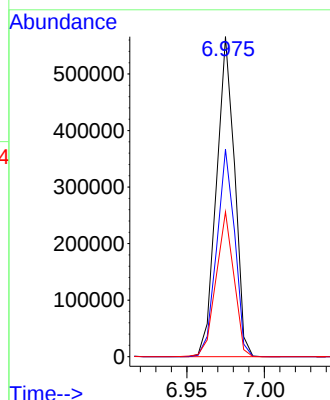
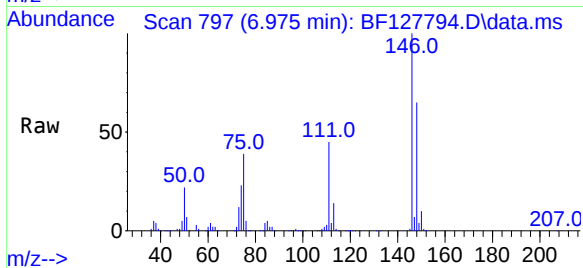
#13
1,4-Dichlorobenzene
Concen: 45.034 ng
RT: 6.975 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :
BNA_F
ClientSampleId :
PB144112BS

Tgt Ion:146 Resp: 46104
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
111 45.3 34.2 51.4

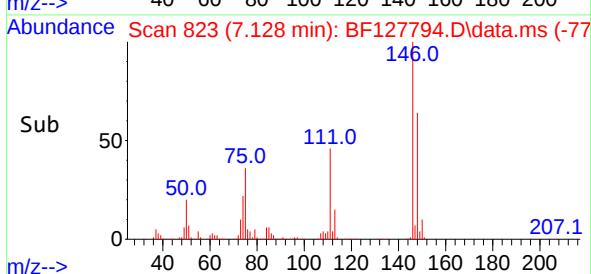
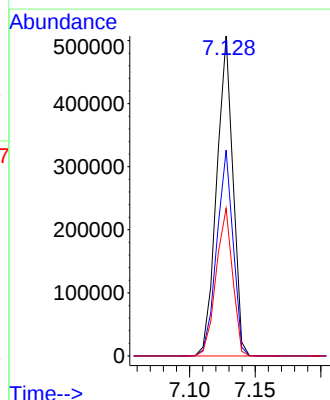
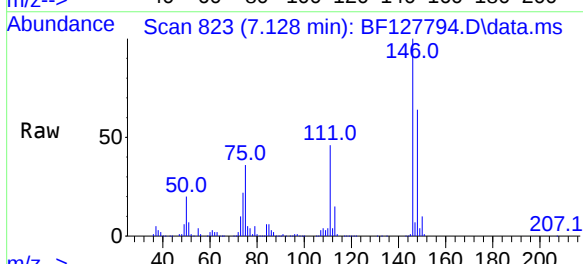
Manual Integrations
APPROVED

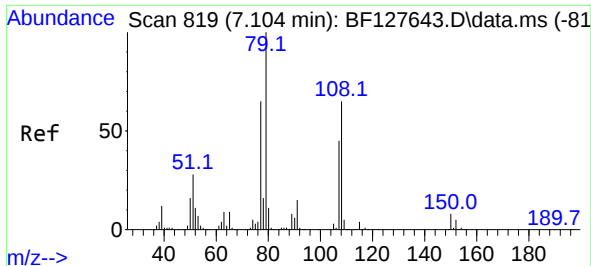
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#14
1,2-Dichlorobenzene
Concen: 44.692 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

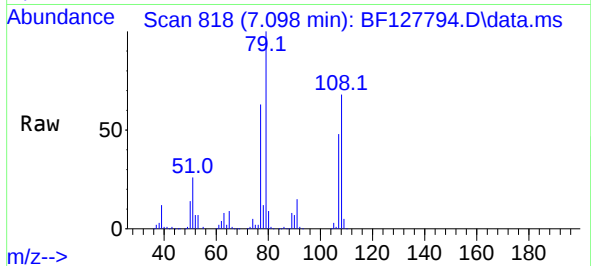
Tgt Ion:146 Resp: 437346
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 46.1 36.4 54.6





#15
Benzyl Alcohol
Concen: 39.127 ng m
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

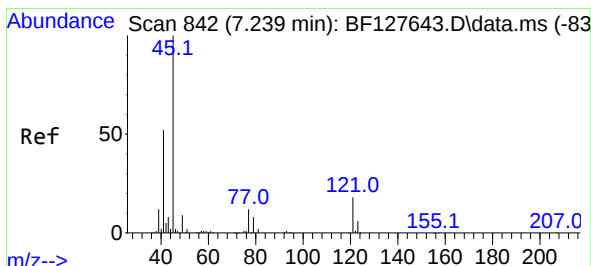
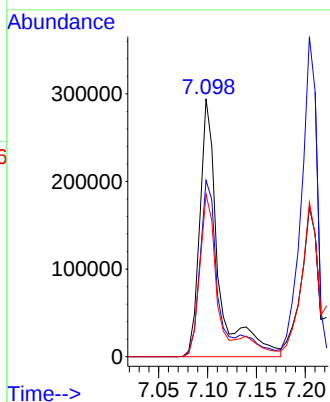
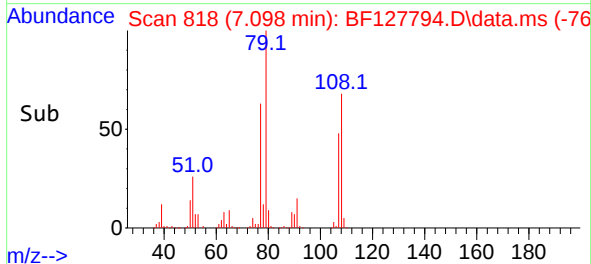
Instrument :
BNA_F
ClientSampleId :
PB144112BS



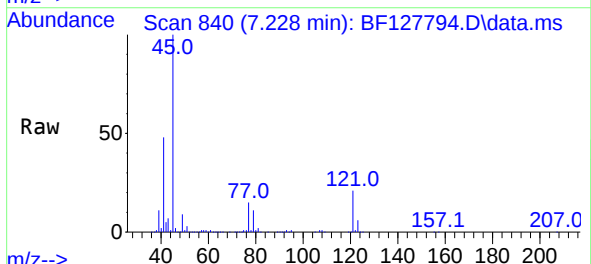
Tgt Ion: 79 Resp: 39099
Ion Ratio Lower Upper
79 100
108 68.3 52.2 78.2
77 62.9 48.3 72.5

Manual Integrations
APPROVED

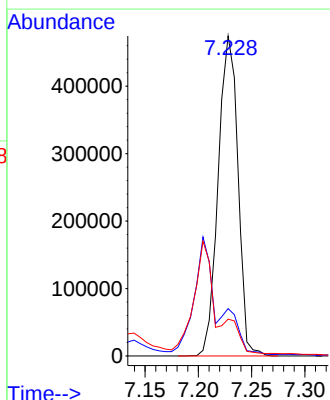
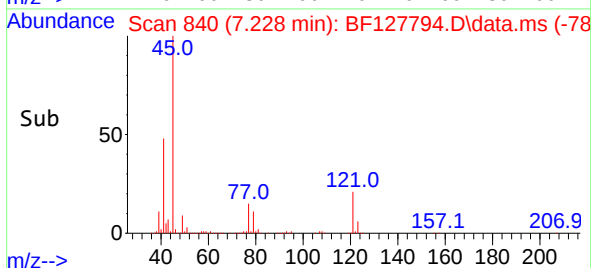
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

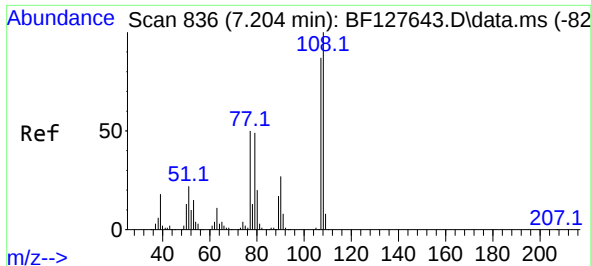


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.956 ng
RT: 7.228 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



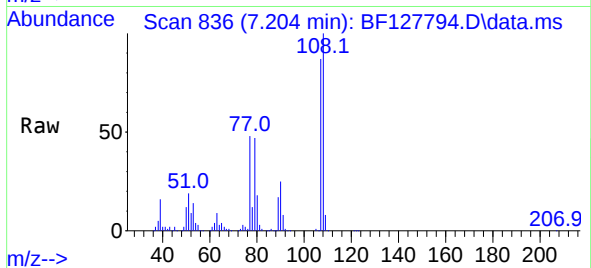
Tgt Ion: 45 Resp: 610211
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.9
79 11.5 0.0 29.9





#17
2-Methylphenol
Concen: 45.295 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

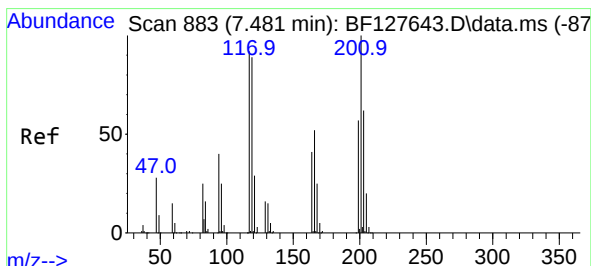
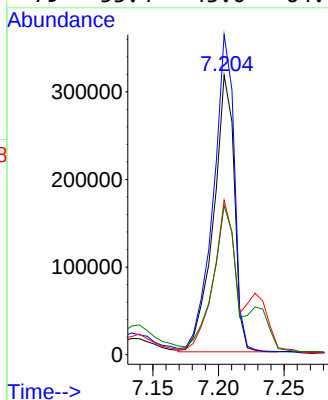
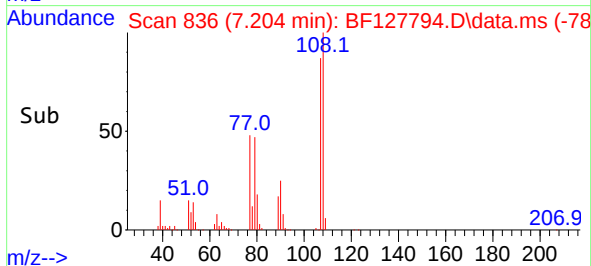
Instrument :
BNA_F
ClientSampleId :
PB144112BS



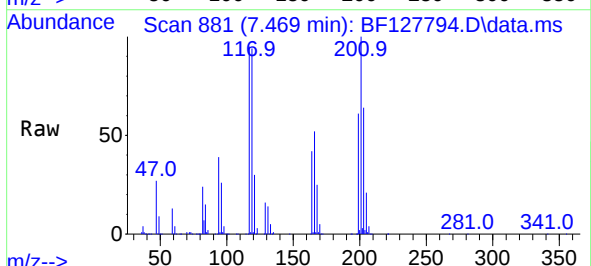
Tgt Ion:107 Resp: 34921
Ion Ratio Lower Upper
107 100
108 114.6 90.7 136.1
77 55.3 42.9 64.3
79 53.4 43.0 64.6

Manual Integrations
APPROVED

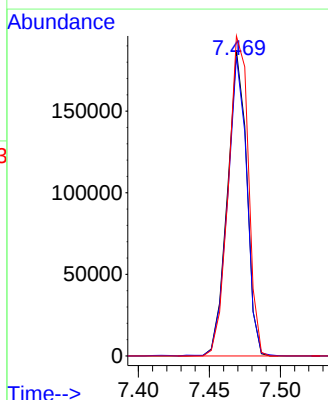
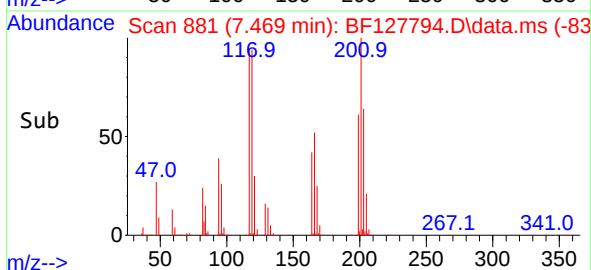
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

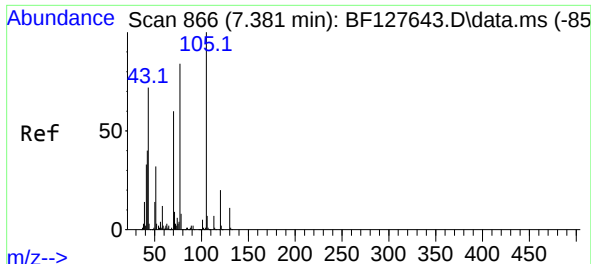


#18
Hexachloroethane
Concen: 45.023 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:117 Resp: 175883
Ion Ratio Lower Upper
117 100
119 98.1 77.6 116.4
201 104.7 88.2 132.2





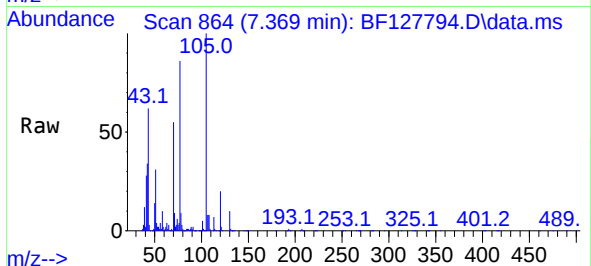
#19
n-Nitroso-di-n-propylamine
Concen: 42.682 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

PB144112BS

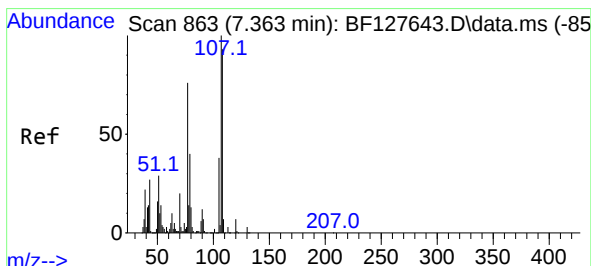
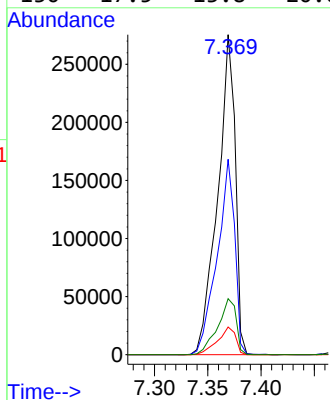
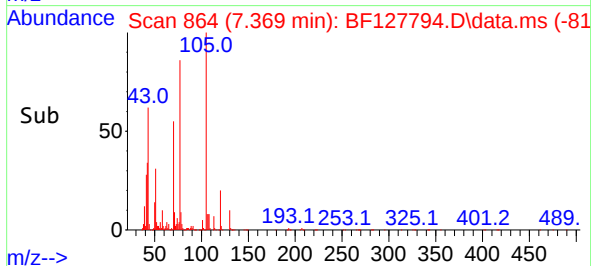


Tgt Ion: 70 Resp: 31555
Ion Ratio Lower Upper
70 100
42 61.0 53.0 79.6
101 8.6 6.8 10.2
130 17.5 13.8 20.6

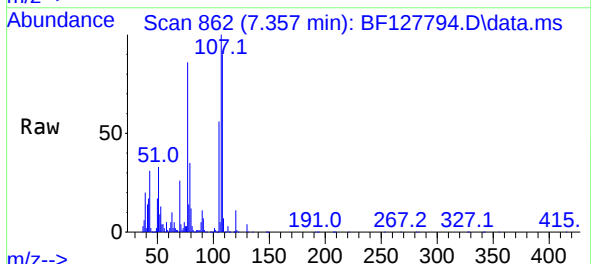
Manual Integrations

APPROVED

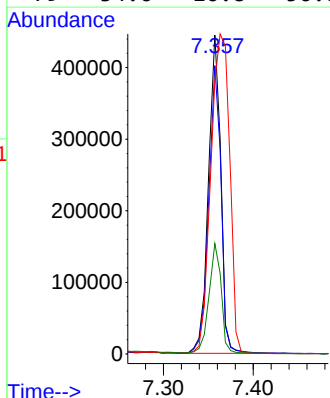
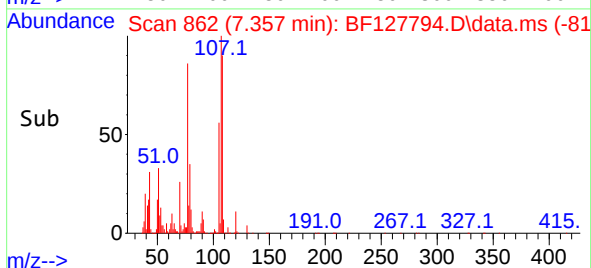
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

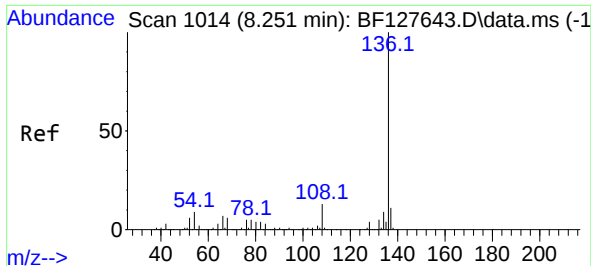


#20
3+4-Methylphenols
Concen: 43.294 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:107 Resp: 425359
Ion Ratio Lower Upper
107 100
108 90.4 70.7 110.7
77 85.6 127.9 167.9#
79 34.6 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

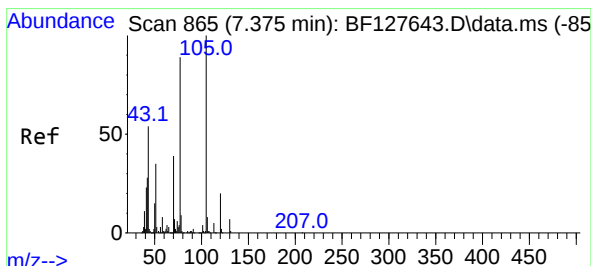
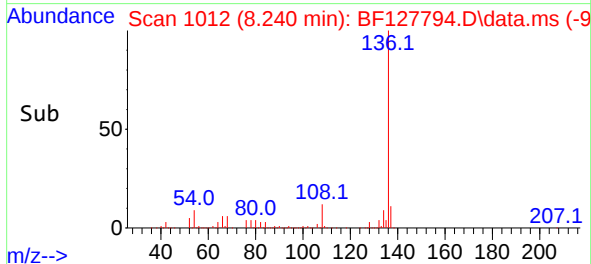
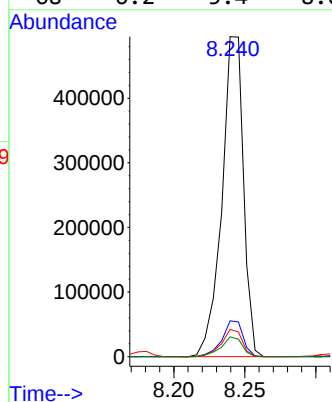
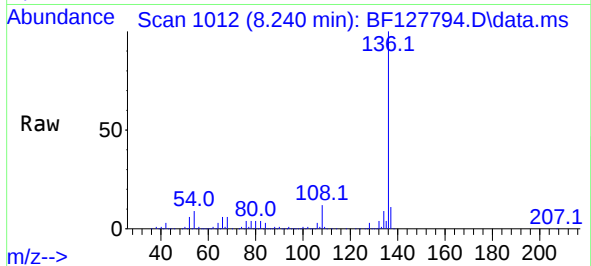
PB144112BS

Tgt Ion:136 Resp: 524360
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.5 9.2 13.8
68 6.2 5.4 8.0

Manual Integrations

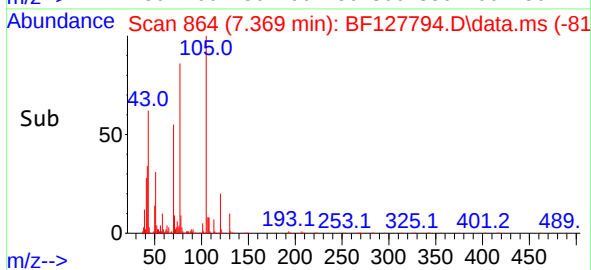
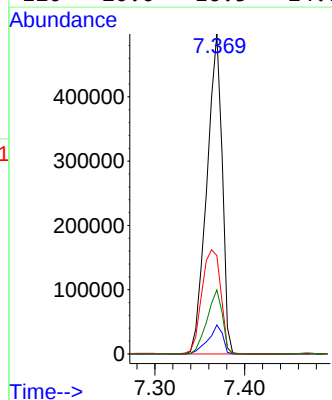
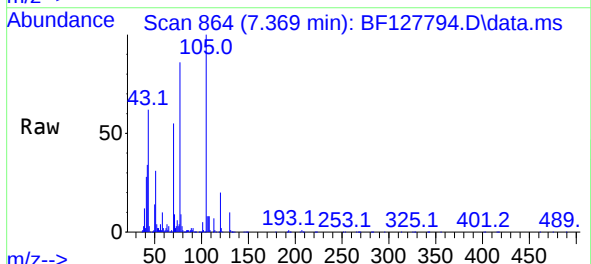
APPROVED

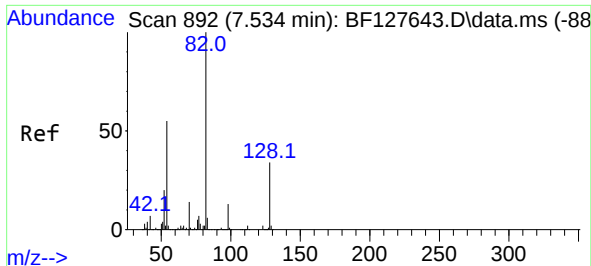
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#22
Acetophenone
Concen: 41.959 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

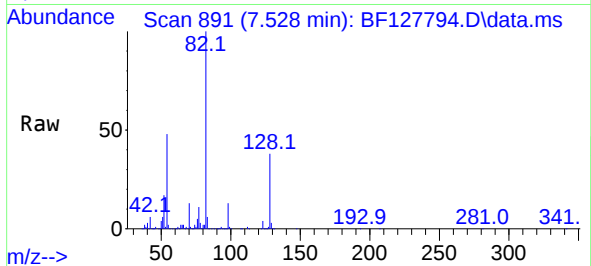
Tgt Ion:105 Resp: 591228
Ion Ratio Lower Upper
105 100
71 9.1 7.3 10.9
51 30.8 38.8 58.2
120 20.0 16.5 24.7





#23
Nitrobenzene-d5
Concen: 83.173 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

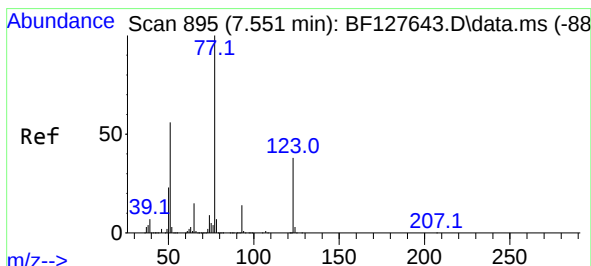
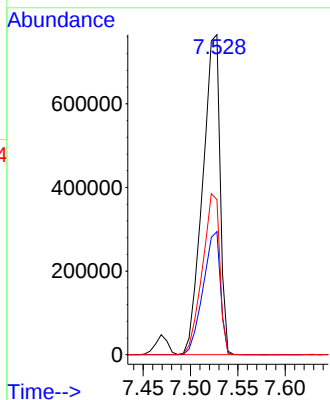
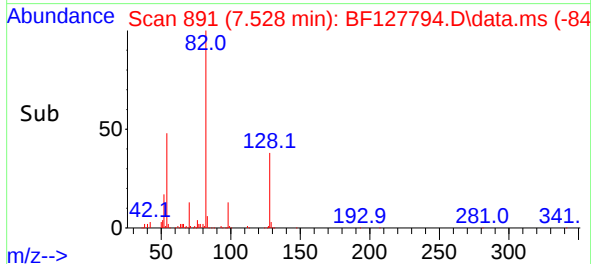
Instrument :
BNA_F
ClientSampleId :
PB144112BS



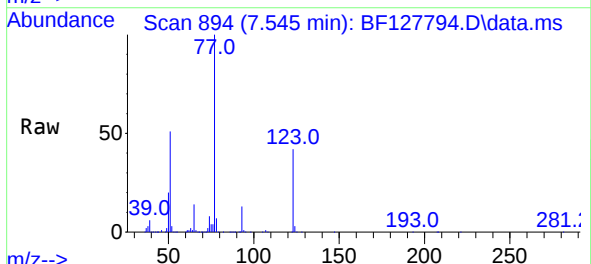
Tgt Ion: 82 Resp: 978279
Ion Ratio Lower Upper
82 100
128 38.4 30.6 45.8
54 48.5 48.2 72.2

Manual Integrations
APPROVED

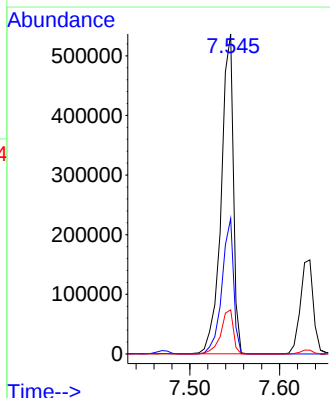
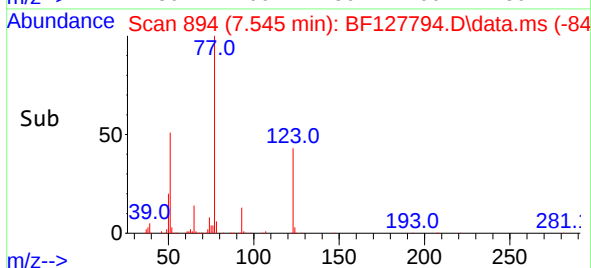
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

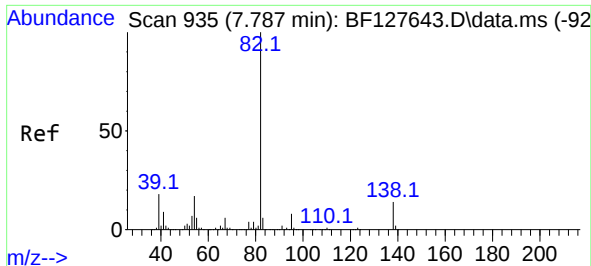


#24
Nitrobenzene
Concen: 44.365 ng
RT: 7.545 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



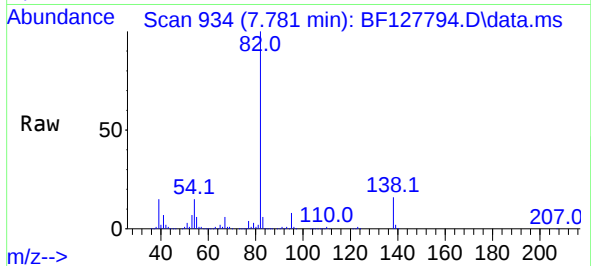
Tgt Ion: 77 Resp: 505841
Ion Ratio Lower Upper
77 100
123 42.3 32.0 48.0
65 13.8 12.2 18.2





#25
Isophorone
Concen: 45.031 ng
RT: 7.781 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

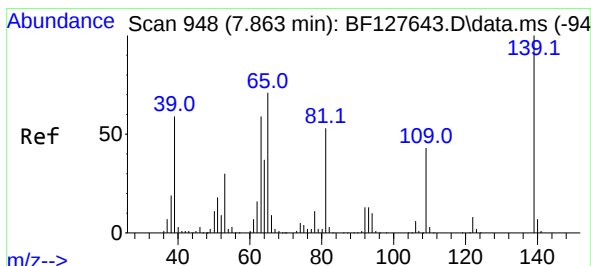
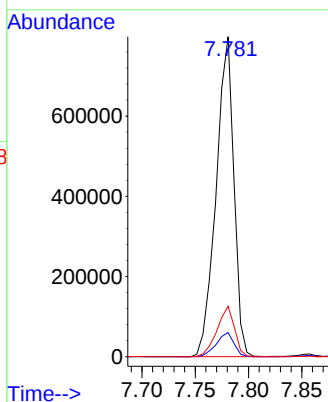
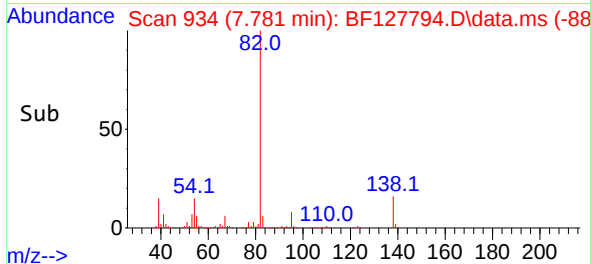
Instrument :
BNA_F
ClientSampleId :
PB144112BS



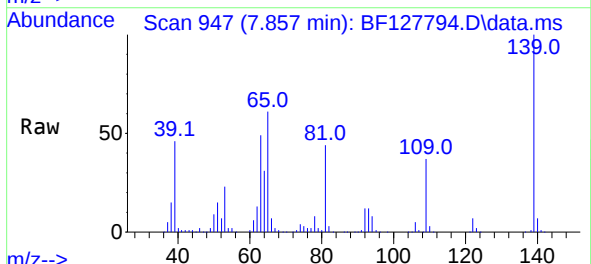
Tgt Ion: 82 Resp: 92420
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 15.7 11.6 17.4

Manual Integrations
APPROVED

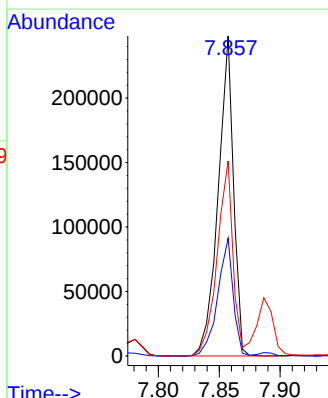
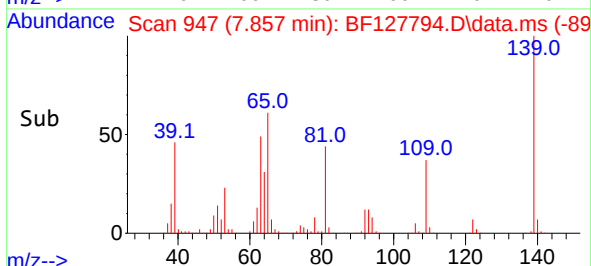
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

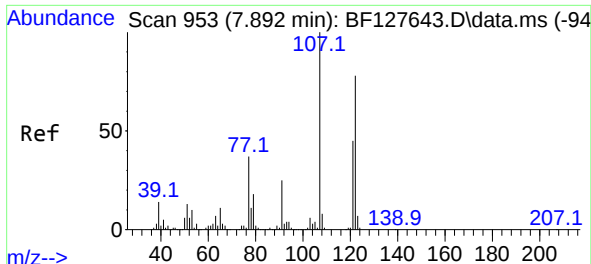


#26
2-Nitrophenol
Concen: 53.323 ng
RT: 7.857 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:139 Resp: 218492
Ion Ratio Lower Upper
139 100
109 36.8 28.2 42.2
65 60.9 55.3 82.9





#27
2,4-Dimethylphenol
Concen: 49.587 ng
RT: 7.887 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

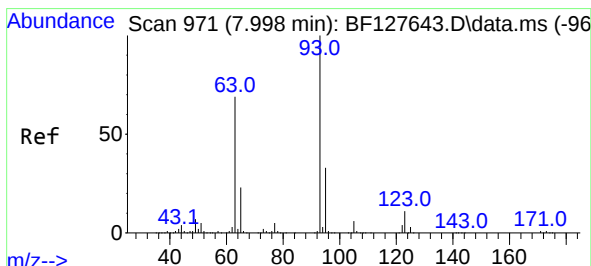
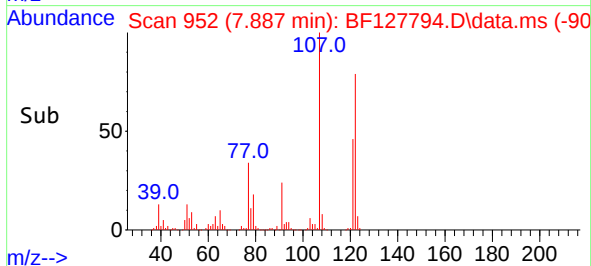
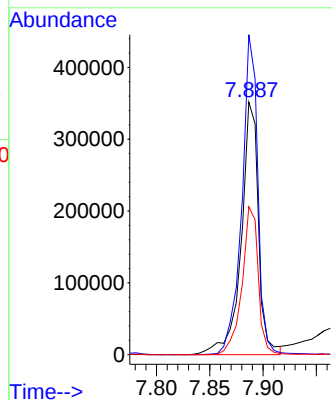
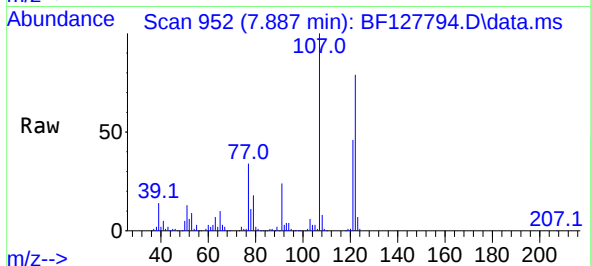
PB144112BS

Tgt Ion:122 Resp: 397805
Ion Ratio Lower Upper
122 100
107 126.7 93.0 139.4
121 58.6 44.9 67.3

Manual Integrations

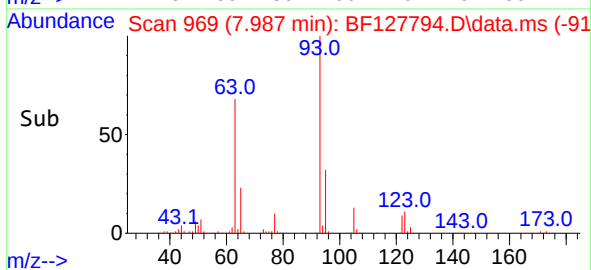
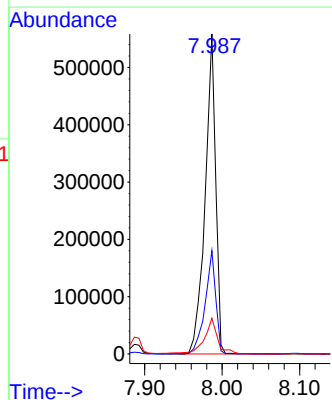
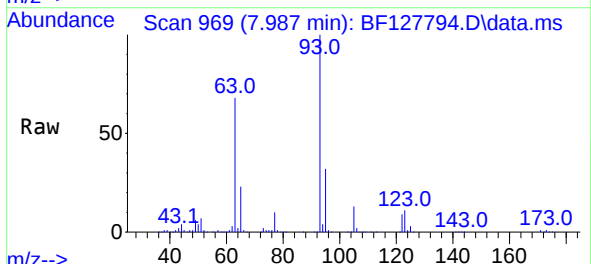
APPROVED

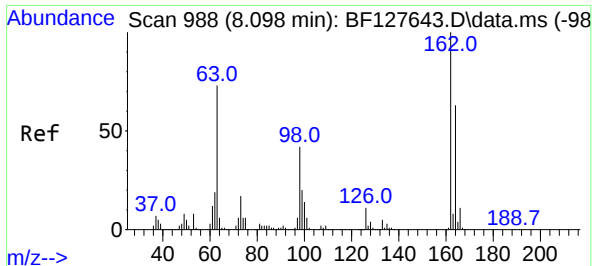
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.836 ng
RT: 7.987 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Tgt Ion: 93 Resp: 529445
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 11.2 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 43.535 ng
RT: 8.098 min Scan# 98
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

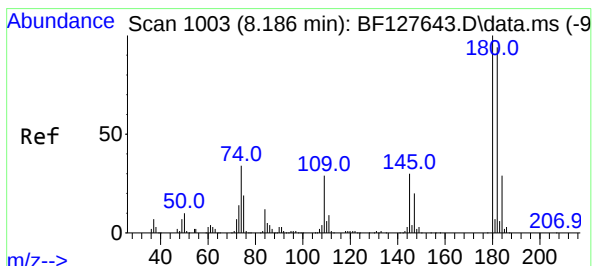
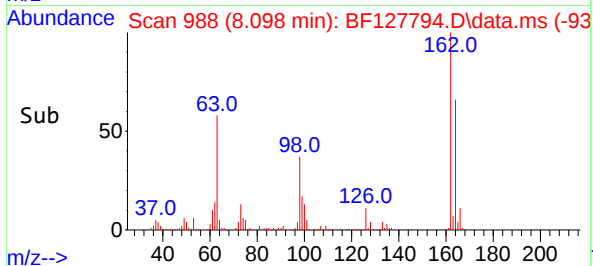
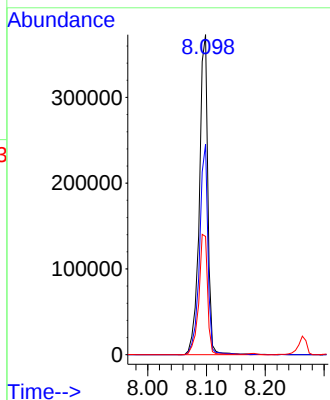
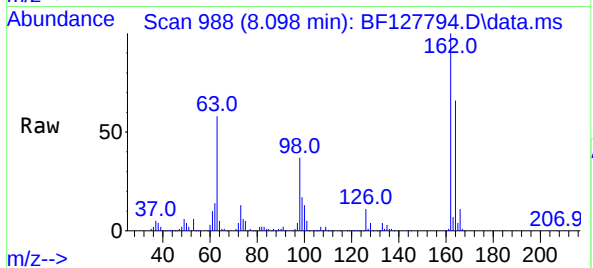
ClientSampleId :

PB144112BS

Tgt Ion:162 Resp: 376234
Ion Ratio Lower Upper
162 100
164 65.8 43.7 83.7
98 37.0 23.5 63.5

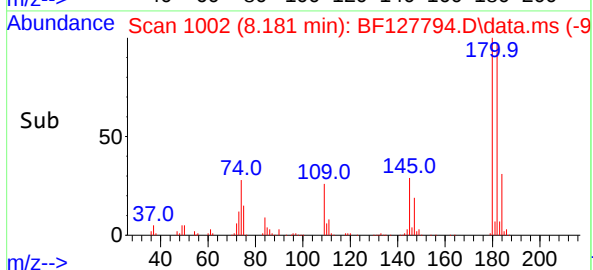
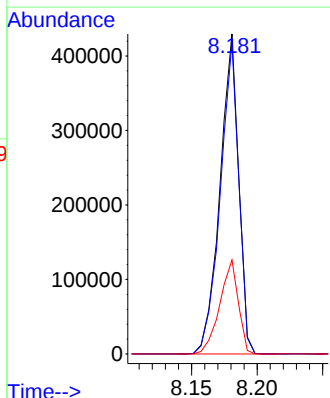
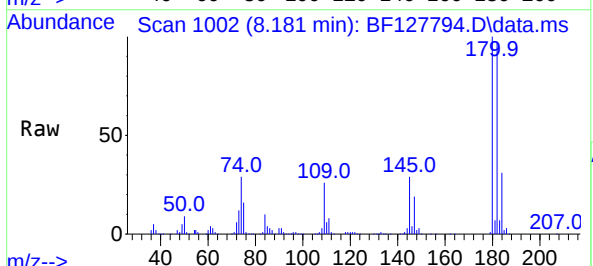
Manual Integrations
APPROVED

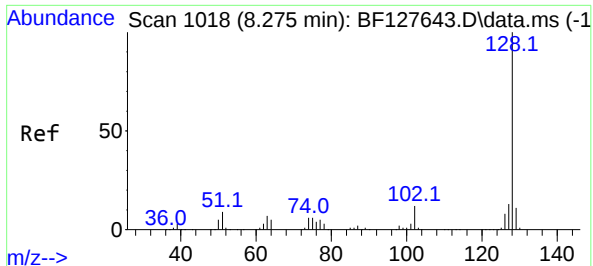
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#30
1,2,4-Trichlorobenzene
Concen: 42.705 ng
RT: 8.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Tgt Ion:180 Resp: 424750
Ion Ratio Lower Upper
180 100
182 97.4 73.8 110.6
145 29.4 23.3 34.9





#31
Naphthalene
Concen: 43.159 ng
RT: 8.263 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

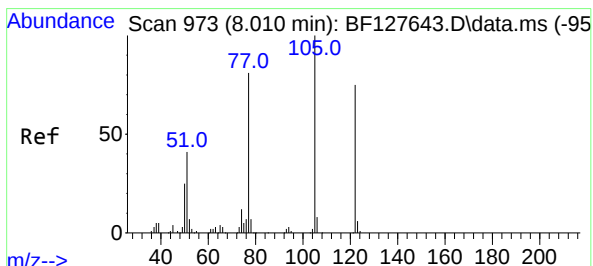
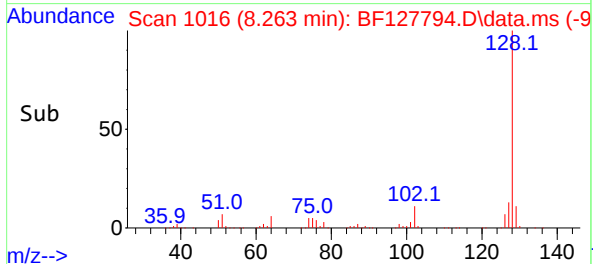
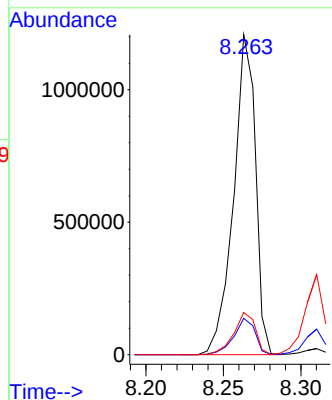
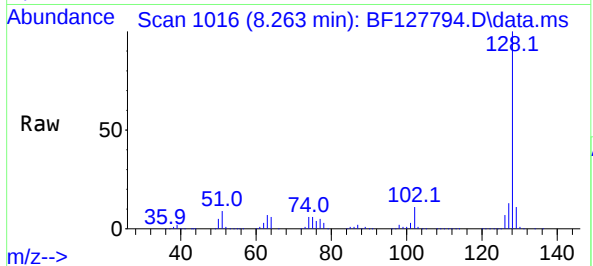
PB144112BS

Tgt Ion:128 Resp: 1185884
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.2 10.2 15.2

Manual Integrations

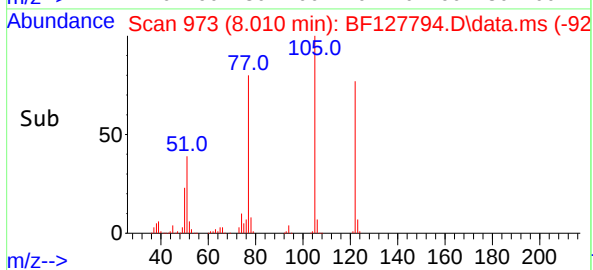
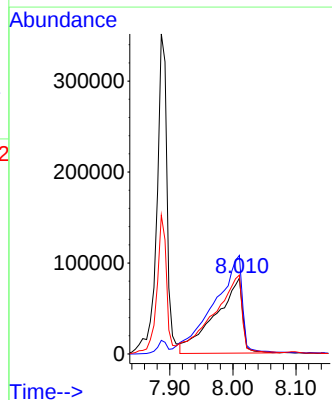
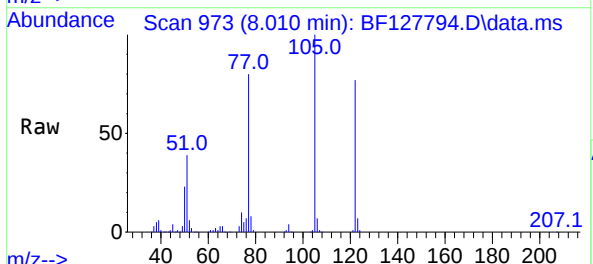
APPROVED

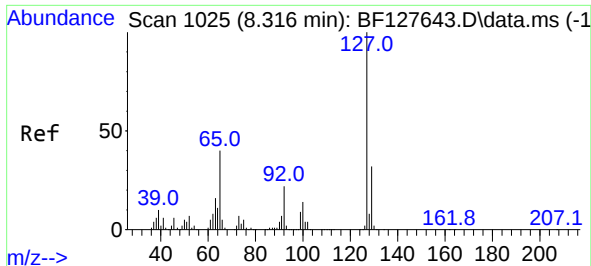
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#32
Benzoic acid
Concen: 42.517 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Tgt Ion:122 Resp: 247463
Ion Ratio Lower Upper
122 100
105 129.9 117.1 157.1
77 104.1 93.0 133.0





#33
4-Chloroaniline
Concen: 25.001 ng
RT: 8.310 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

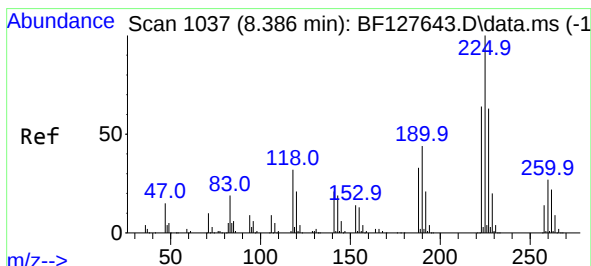
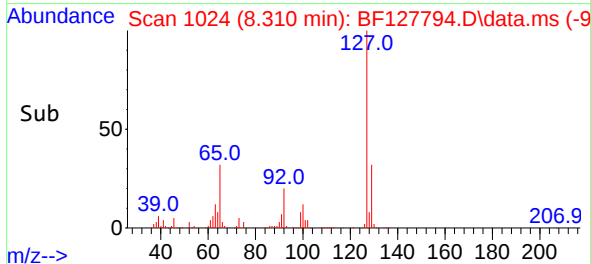
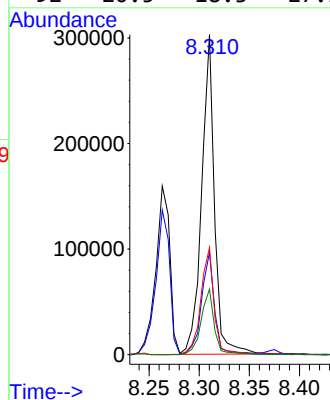
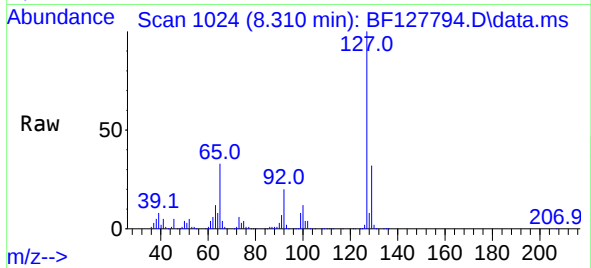
PB144112BS

Tgt Ion:127 Resp: 27054
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9
65 33.5 31.4 47.0
92 20.5 18.3 27.5

Manual Integrations

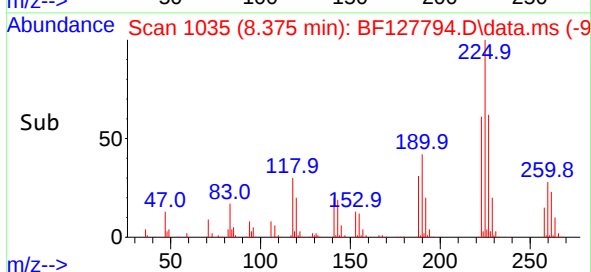
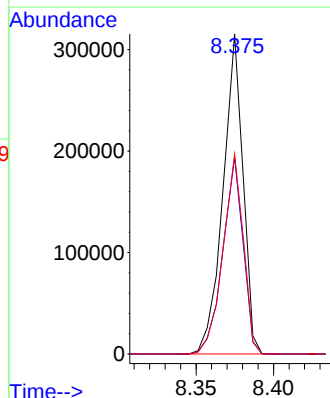
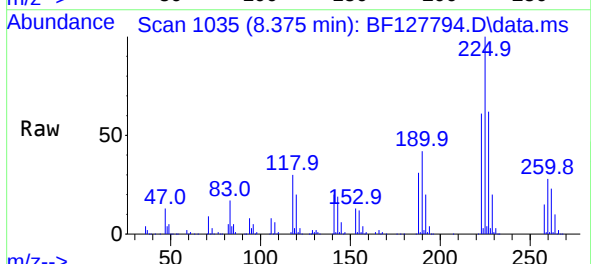
APPROVED

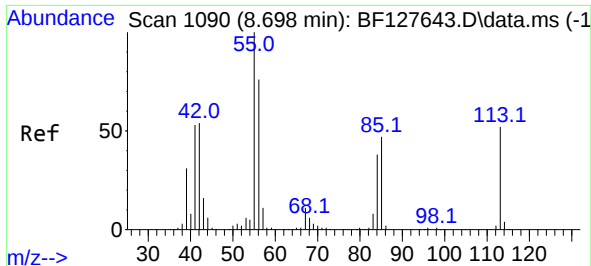
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#34
Hexachlorobutadiene
Concen: 41.334 ng
RT: 8.375 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

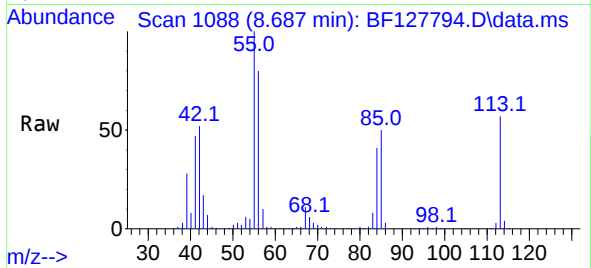
Tgt Ion:225 Resp: 282795
Ion Ratio Lower Upper
225 100
223 61.5 50.6 76.0
227 62.4 49.6 74.4





#35
 Caprolactam
 Concen: 45.996 ng m
 RT: 8.687 min Scan# 1090
 Delta R.T. -0.012 min
 Lab File: BF127794.D
 Acq: 14 Apr 2022 15:09

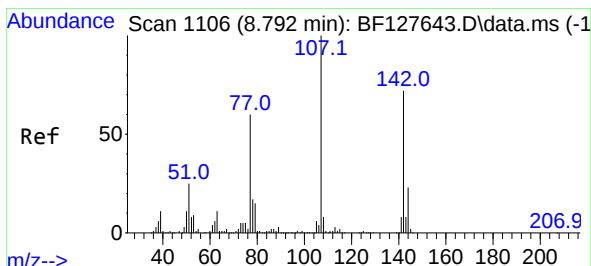
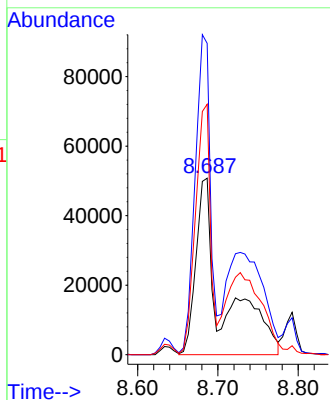
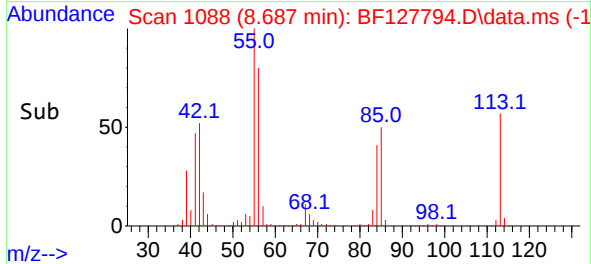
Instrument :
 BNA_F
 ClientSampleId :
 PB144112BS



Tgt Ion:113 Resp: 117484
 Ion Ratio Lower Upper
 113 100
 55 176.4 218.7 258.7
 56 141.8 156.2 196.2

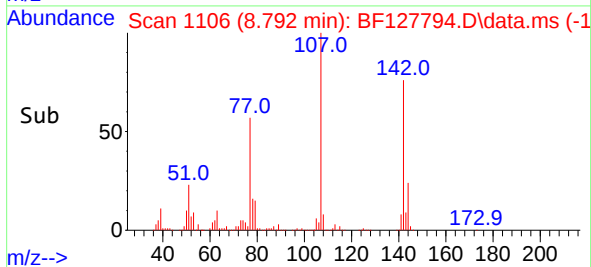
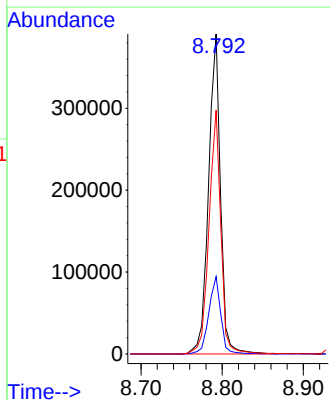
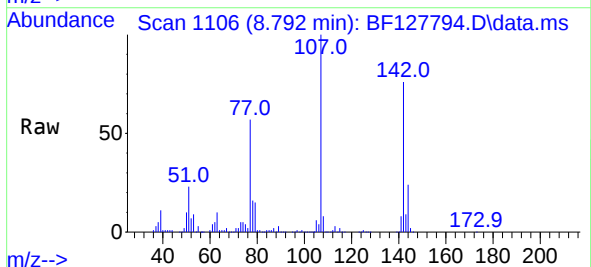
Manual Integrations
 APPROVED

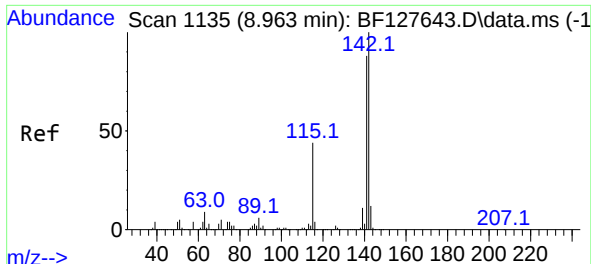
Reviewed By :Christian Giraldo 04/22/2022
 Supervised By :Jagrut Upadhyay 04/22/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.939 ng
 RT: 8.792 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF127794.D
 Acq: 14 Apr 2022 15:09

Tgt Ion:107 Resp: 398111
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 76.2 59.8 89.8





#37
2-Methylnaphthalene
Concen: 43.281 ng
RT: 8.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

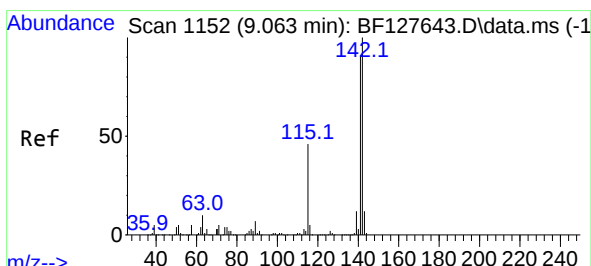
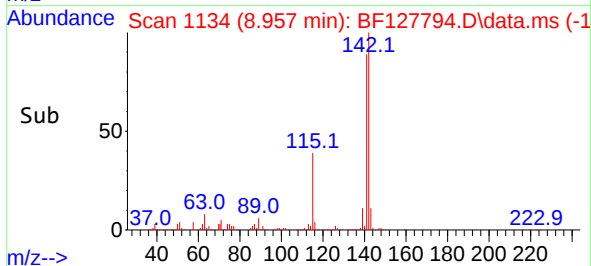
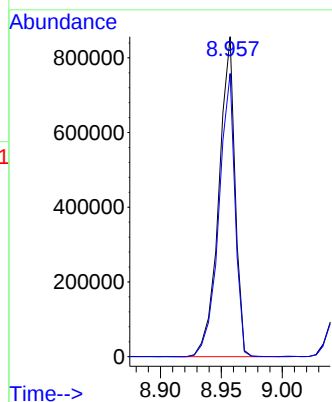
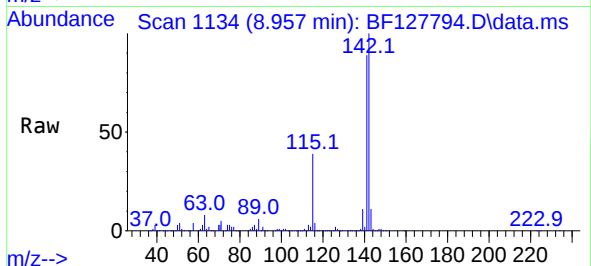
PB144112BS

Tgt Ion:142 Resp: 79538
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0

Manual Integrations

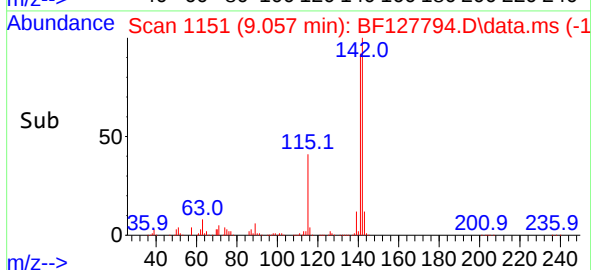
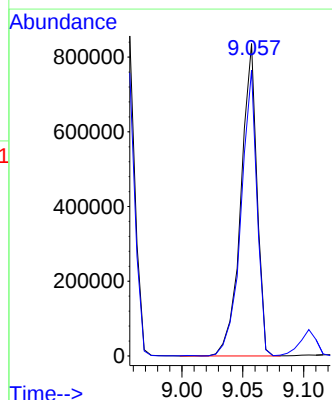
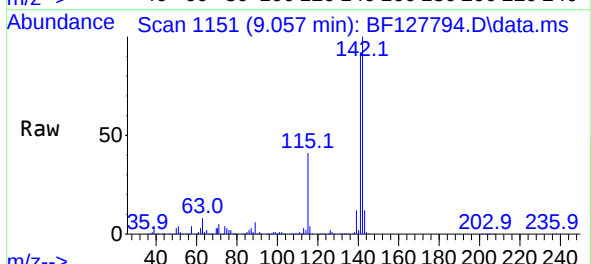
APPROVED

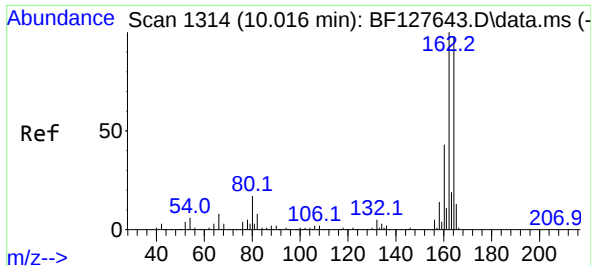
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#38
1-Methylnaphthalene
Concen: 43.187 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

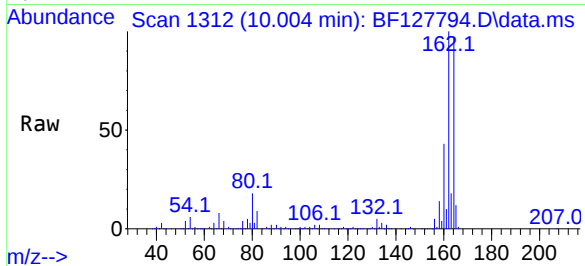
Tgt Ion:142 Resp: 766057
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

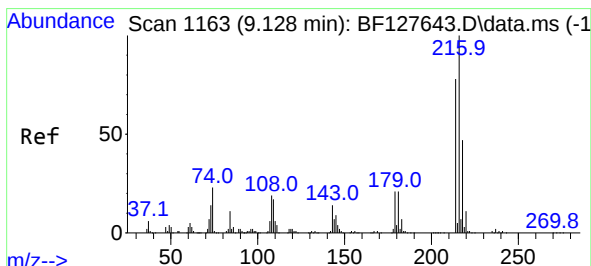
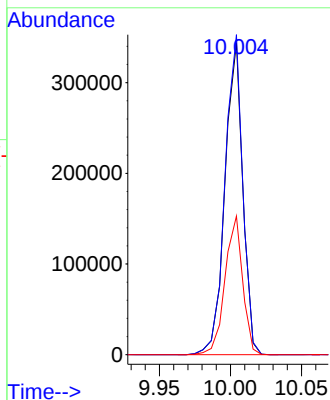
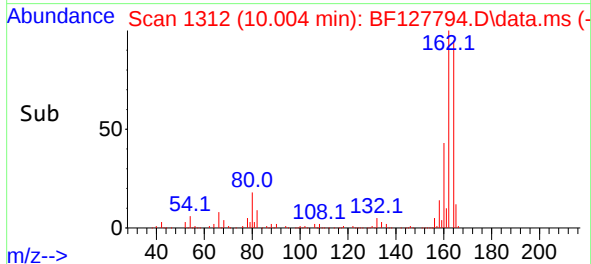
Instrument :
BNA_F
ClientSampleId :
PB144112BS



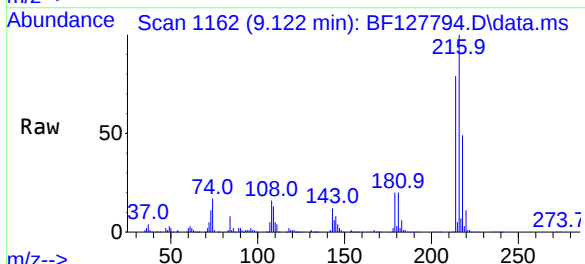
Tgt Ion:164 Resp: 299394
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 44.4 34.6 52.0

Manual Integrations
APPROVED

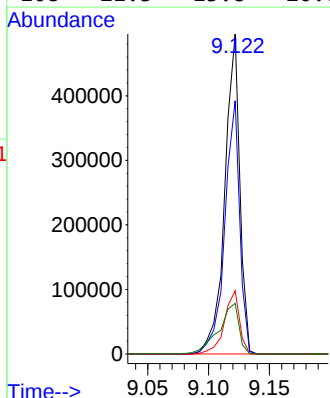
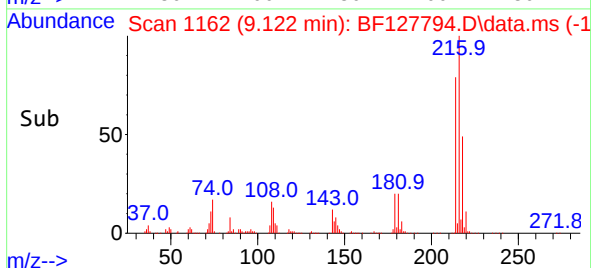
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

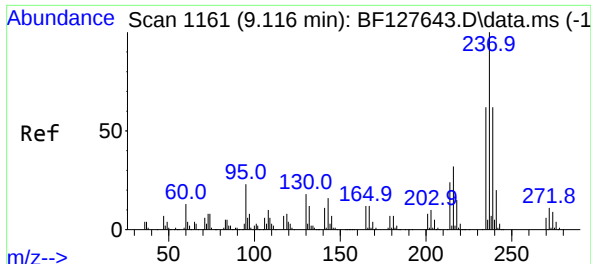


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.241 ng
RT: 9.122 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



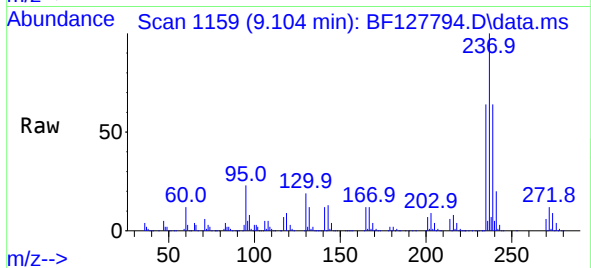
Tgt Ion:216 Resp: 424626
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 19.9 15.5 23.3
108 21.3 13.8 20.6#





#41
Hexachlorocyclopentadiene
Concen: 98.493 ng
RT: 9.104 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

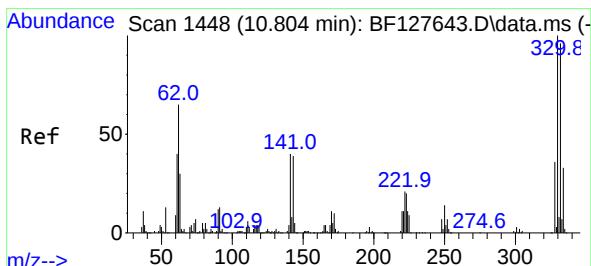
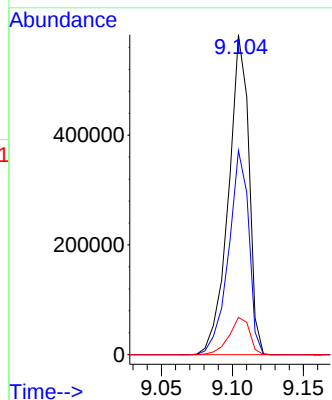
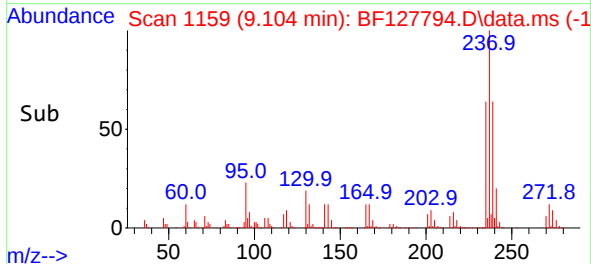
Instrument :
BNA_F
ClientSampleId :
PB144112BS



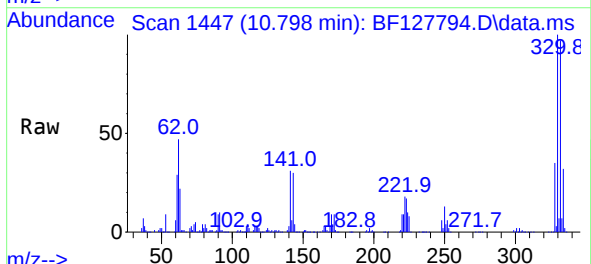
Tgt Ion:237 Resp: 58261
Ion Ratio Lower Upper
237 100
235 63.8 40.4 80.4
272 11.6 0.0 31.8

Manual Integrations
APPROVED

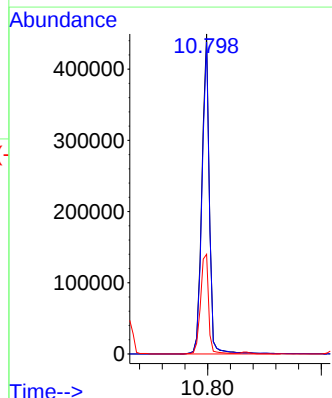
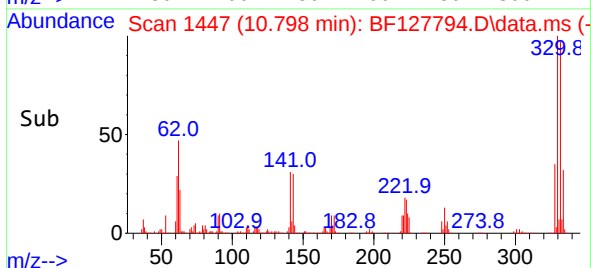
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

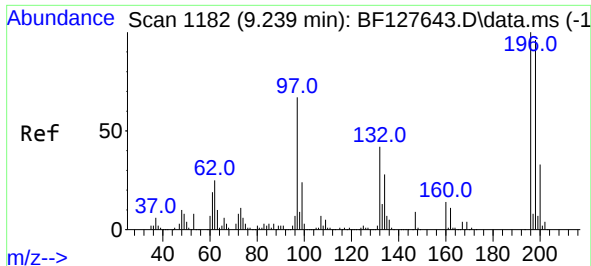


#42
2,4,6-Tribromophenol
Concen: 128.707 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



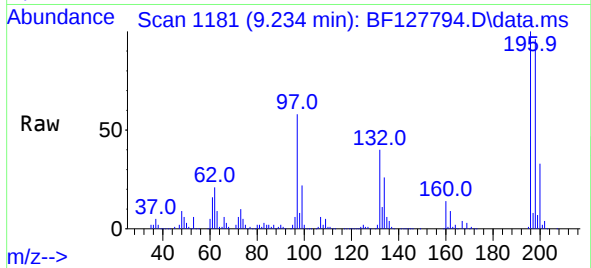
Tgt Ion:330 Resp: 410060
Ion Ratio Lower Upper
330 100
332 96.8 79.1 118.7
141 33.9 26.2 39.4





#43
2,4,6-Trichlorophenol
Concen: 42.507 ng
RT: 9.234 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

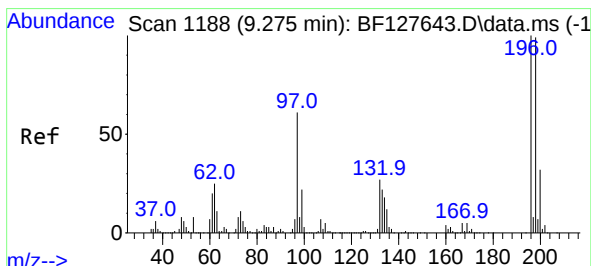
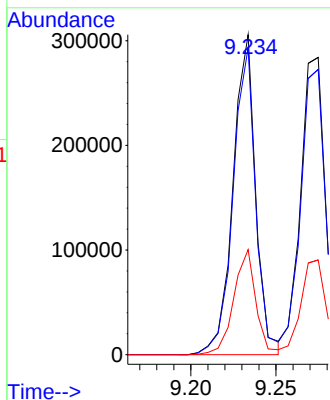
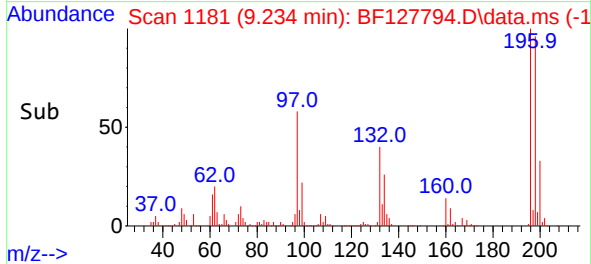
Instrument :
BNA_F
ClientSampleId :
PB144112BS



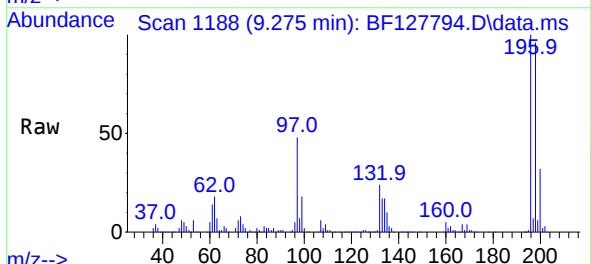
Tgt Ion:196 Resp: 283389
Ion Ratio Lower Upper
196 100
198 95.9 77.8 116.6
200 32.9 25.9 38.9

Manual Integrations
APPROVED

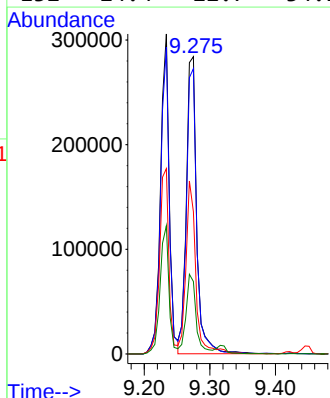
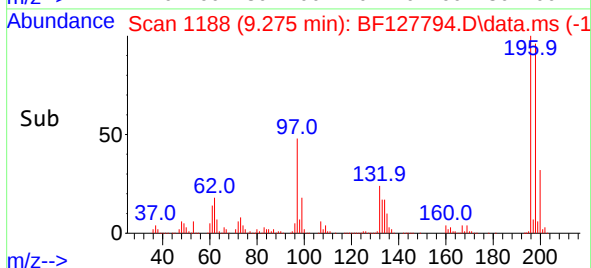
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

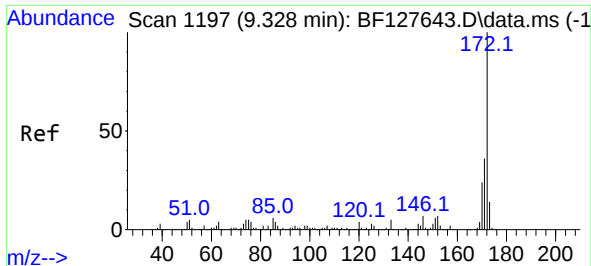


#44
2,4,5-Trichlorophenol
Concen: 46.254 ng
RT: 9.275 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



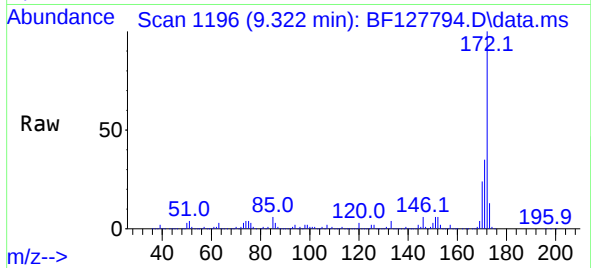
Tgt Ion:196 Resp: 311160
Ion Ratio Lower Upper
196 100
198 95.9 75.3 112.9
97 47.8 46.8 70.2
132 24.4 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 78.530 ng
RT: 9.322 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

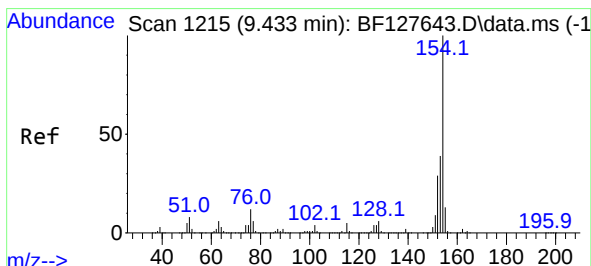
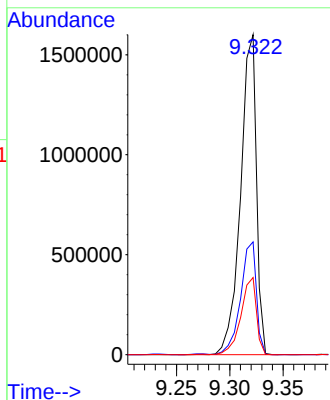
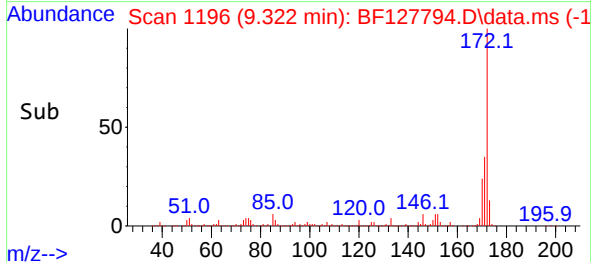
Instrument :
BNA_F
ClientSampleId :
PB144112BS



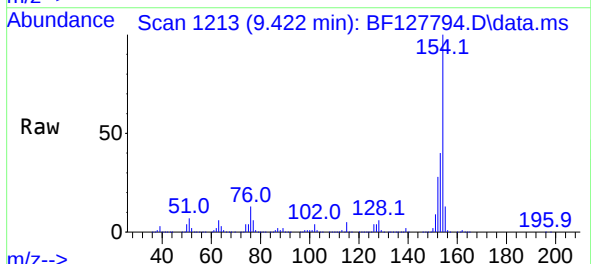
Tgt Ion:172 Resp: 1661972
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.1 18.6 27.8

Manual Integrations
APPROVED

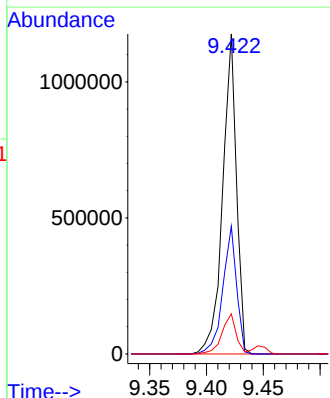
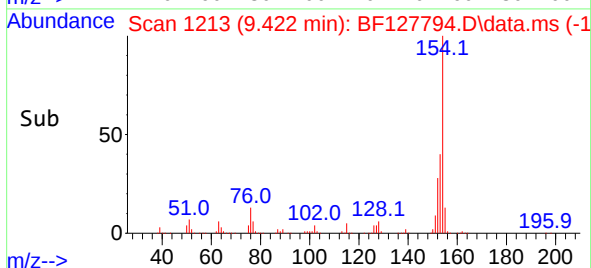
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

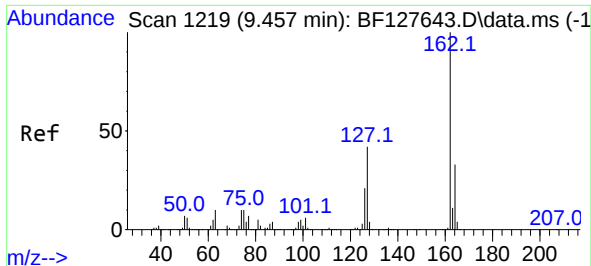


#46
1,1'-Biphenyl
Concen: 43.567 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:154 Resp: 997567
Ion Ratio Lower Upper
154 100
153 39.9 20.3 60.3
76 12.6 0.0 33.9





#47
2-Chloronaphthalene
Concen: 43.221 ng
RT: 9.451 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

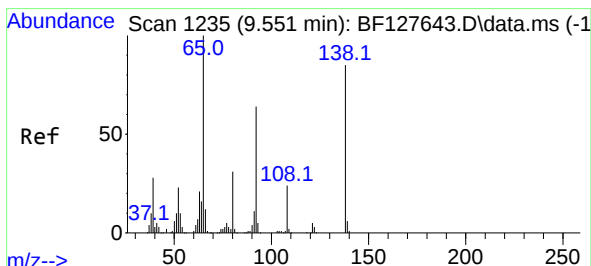
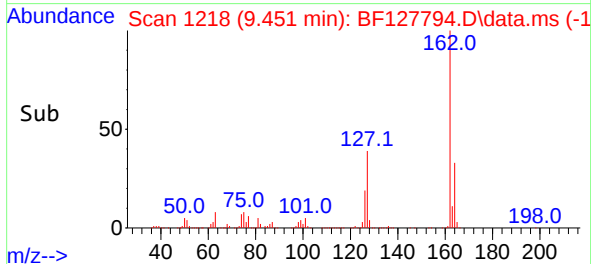
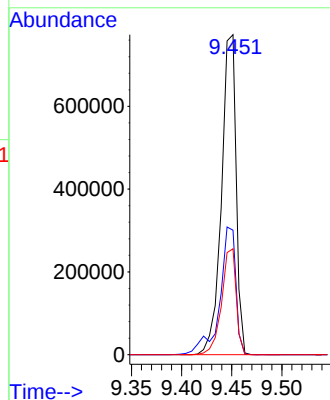
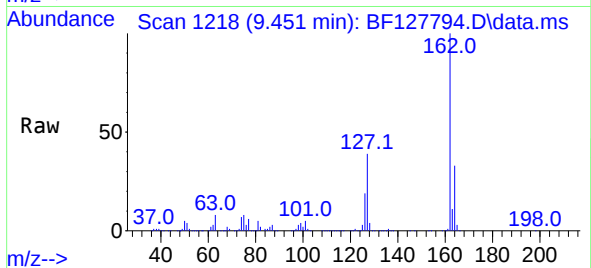
PB144112BS

Tgt Ion:162 Resp: 786440
Ion Ratio Lower Upper
162 100
127 38.9 31.8 47.6
164 33.1 26.4 39.6

Manual Integrations

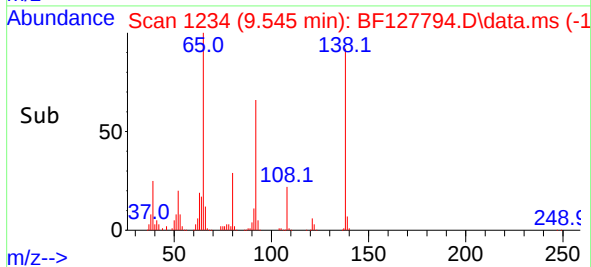
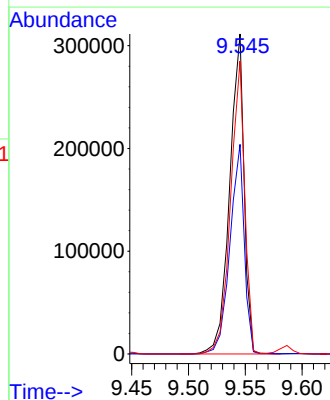
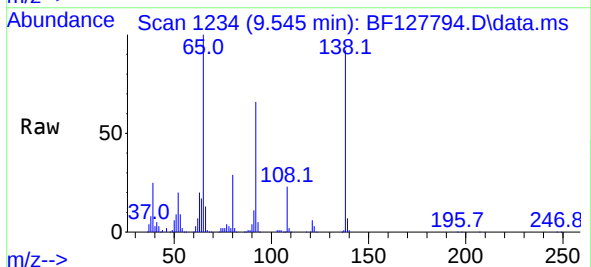
APPROVED

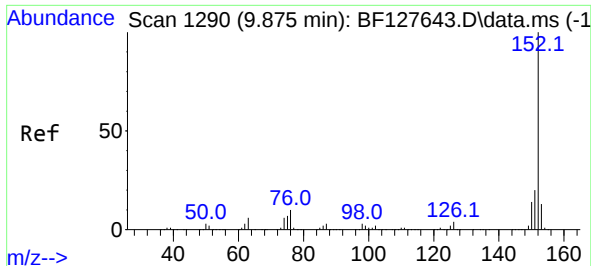
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#48
2-Nitroaniline
Concen: 48.697 ng
RT: 9.545 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Tgt Ion: 65 Resp: 275203
Ion Ratio Lower Upper
65 100
92 65.5 50.0 75.0
138 91.6 64.1 96.1





#49

Acenaphthylene

Concen: 45.914 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF127794.D

Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

PB144112BS

Tgt Ion:152 Resp: 127076

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

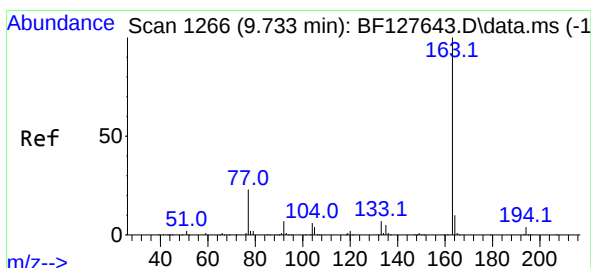
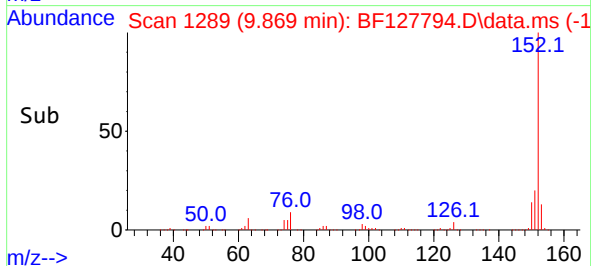
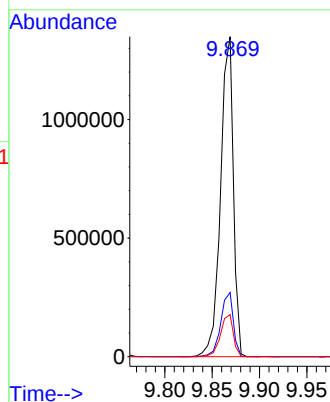
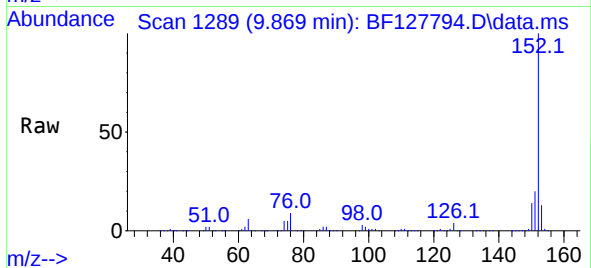
153 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/22/2022

Supervised By :Jagrut Upadhyay 04/22/2022



#50

Dimethylphthalate

Concen: 42.977 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF127794.D

Acq: 14 Apr 2022 15:09

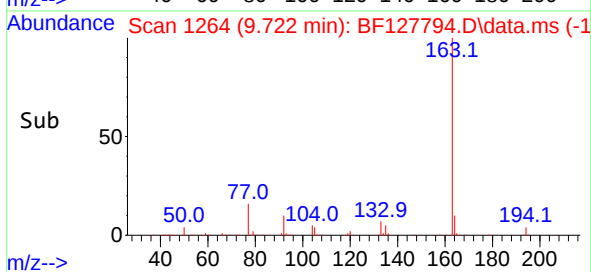
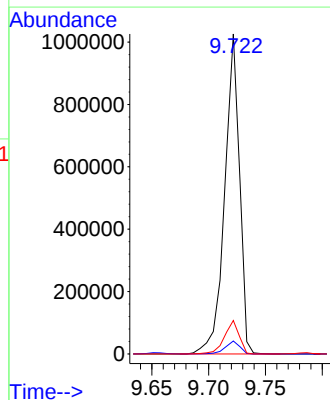
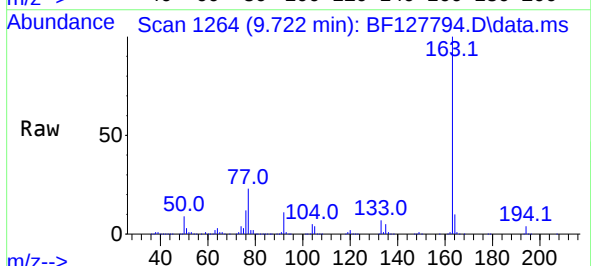
Tgt Ion:163 Resp: 932671

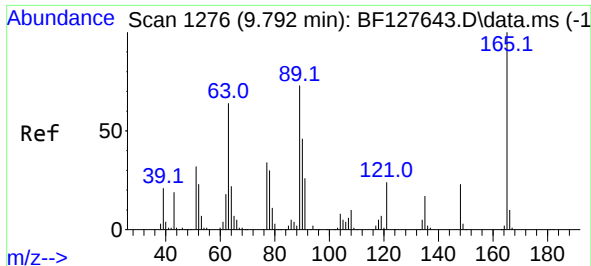
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

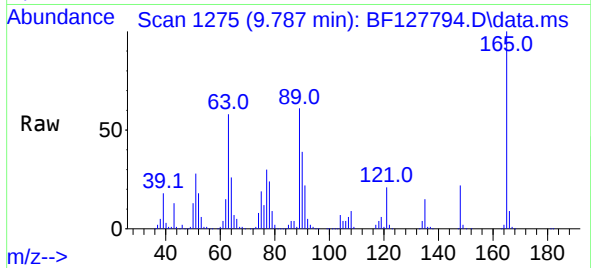
164 10.5 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 50.733 ng
RT: 9.787 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

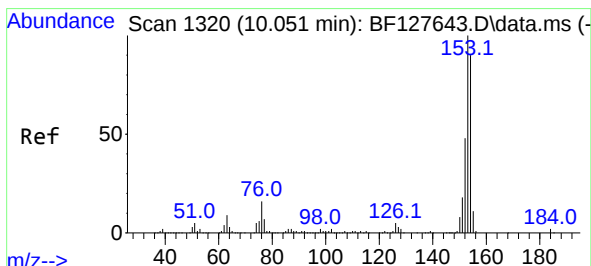
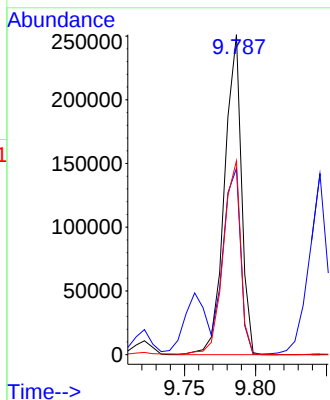
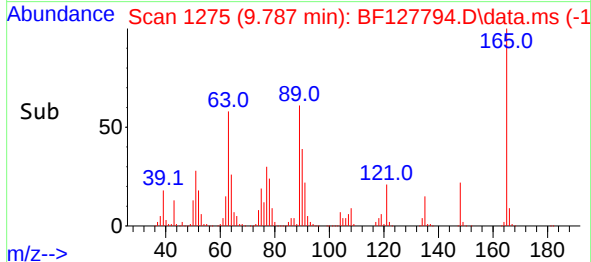
Instrument :
BNA_F
ClientSampleId :
PB144112BS



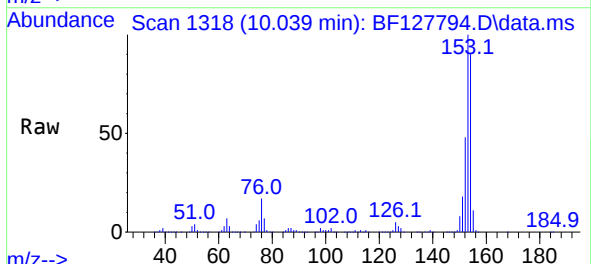
Tgt Ion:165 Resp: 207530
Ion Ratio Lower Upper
165 100
63 58.2 58.3 87.5
89 60.6 51.5 77.3

Manual Integrations
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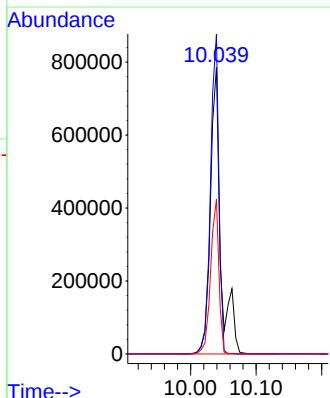
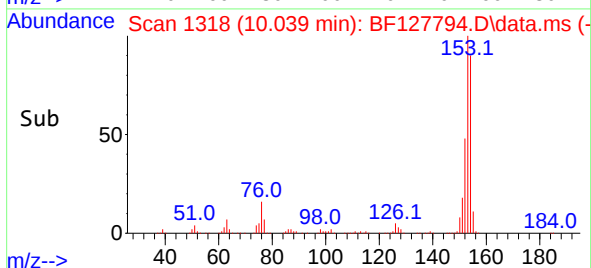
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

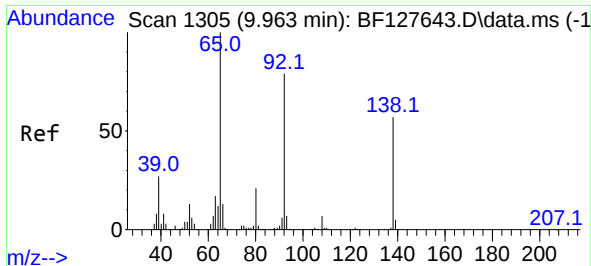


#52
Acenaphthene
Concen: 49.201 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:154 Resp: 857918
Ion Ratio Lower Upper
154 100
153 111.6 87.6 131.4
152 54.0 42.9 64.3





#53
3-Nitroaniline
Concen: 33.642 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

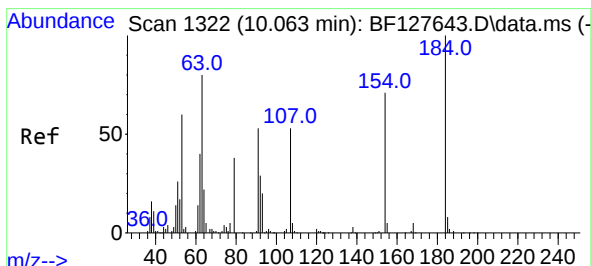
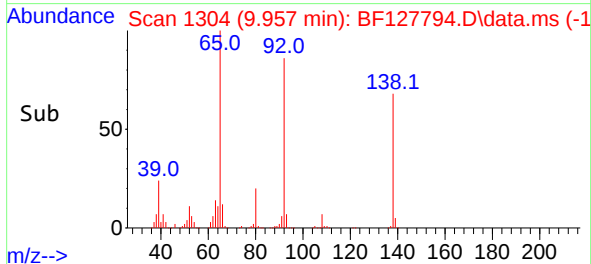
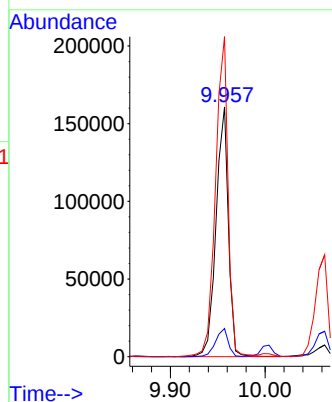
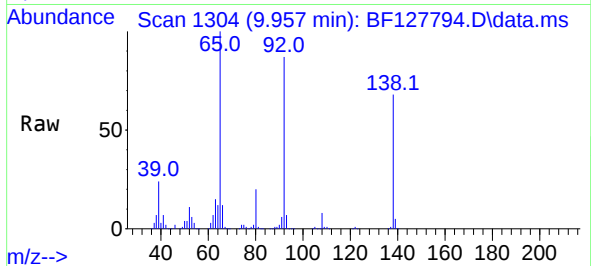
PB144112BS

Tgt Ion:138 Resp: 14538
Ion Ratio Lower Upper
138 100
108 11.3 9.4 14.0
92 128.1 106.1 159.1

Manual Integrations

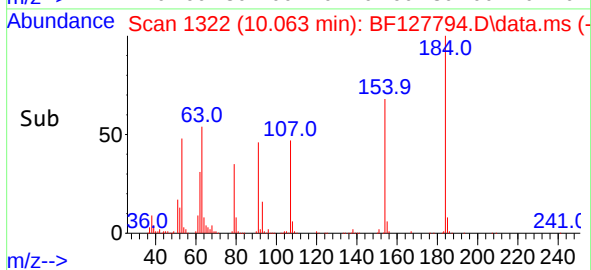
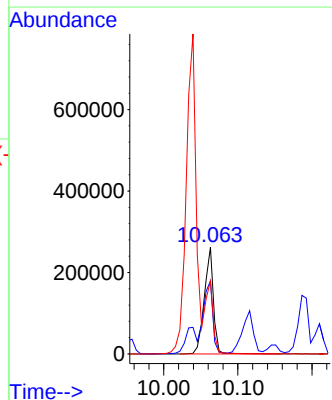
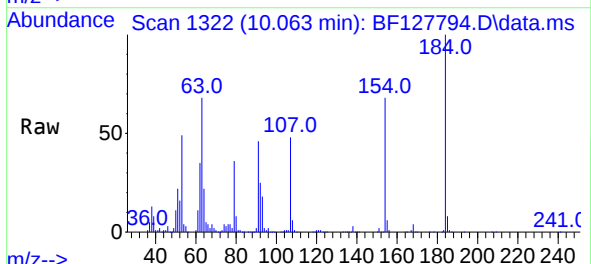
APPROVED

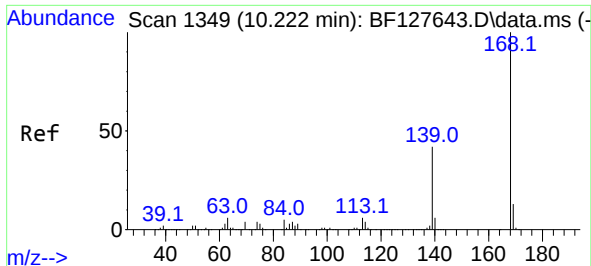
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#54
2,4-Dinitrophenol
Concen: 108.881 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Tgt Ion:184 Resp: 224916
Ion Ratio Lower Upper
184 100
63 68.4 58.1 87.1
154 68.4 53.2 79.8





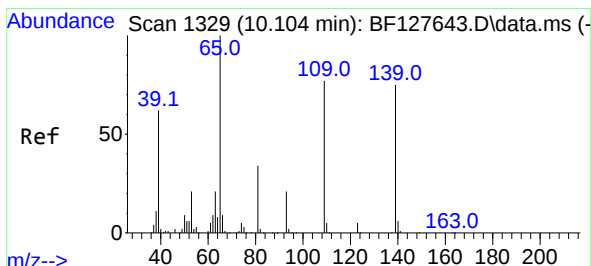
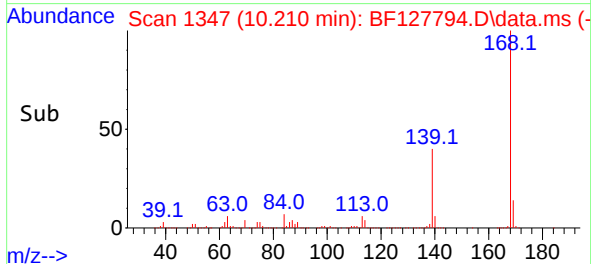
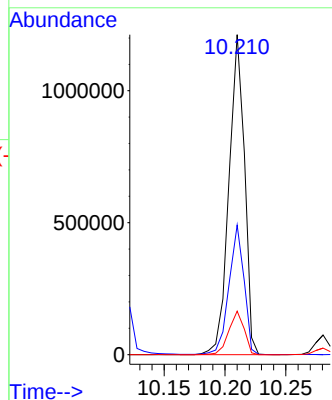
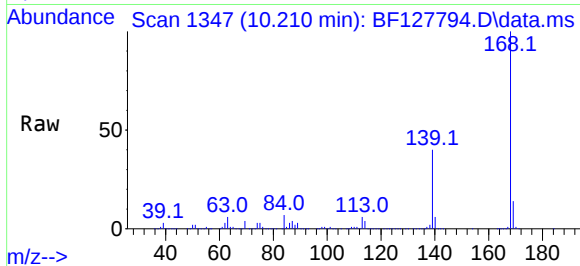
#55
Dibenzenofuran
Concen: 42.320 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :
BNA_F
ClientSampleId :
PB144112BS

Tgt Ion:168 Resp: 107685
Ion Ratio Lower Upper
168 100
139 40.5 30.3 45.5
169 13.6 10.8 16.2

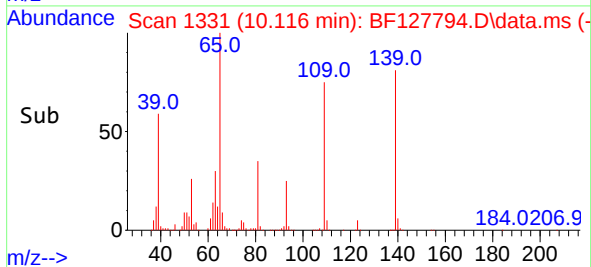
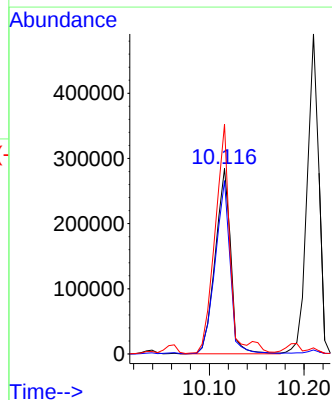
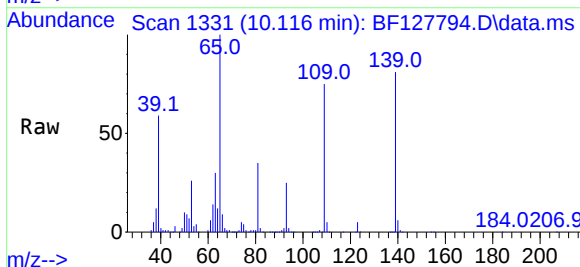
Manual Integrations
APPROVED

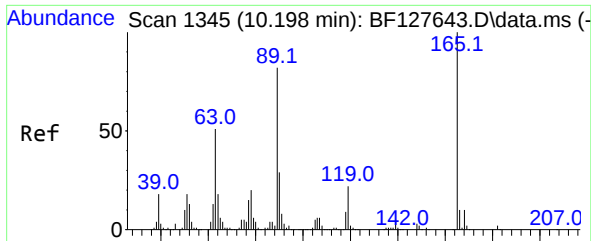
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#56
4-Nitrophenol
Concen: 94.451 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Tgt Ion:139 Resp: 320602
Ion Ratio Lower Upper
139 100
109 93.5 64.3 104.3
65 123.9 117.5 157.5





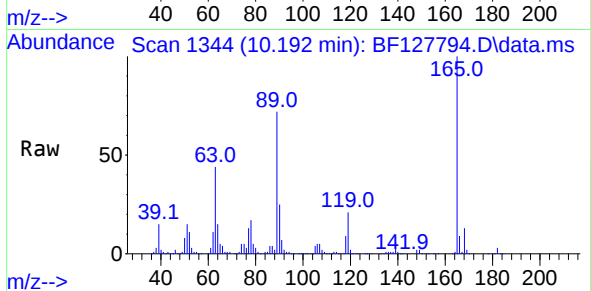
#57
2,4-Dinitrotoluene
Concen: 54.640 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

PB144112BS

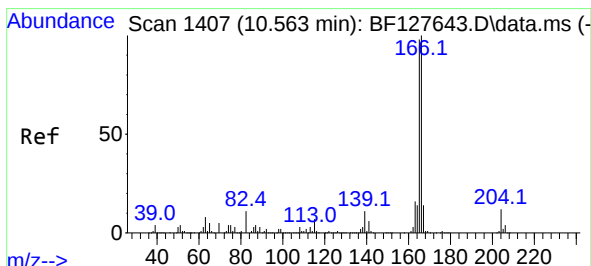
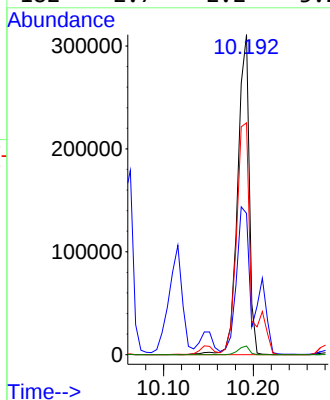
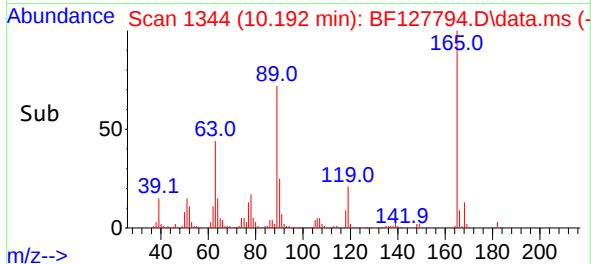


Tgt Ion:165 Resp: 277112
Ion Ratio Lower Upper
165 100
63 44.1 53.1 79.7
89 72.5 69.2 103.8
182 2.7 2.2 3.2

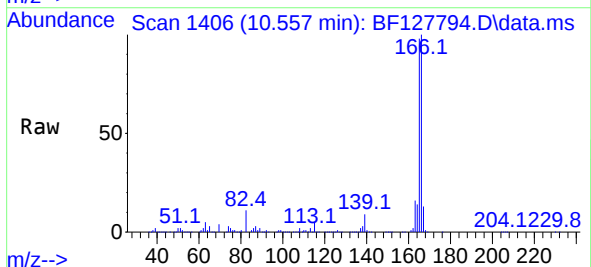
Manual Integrations

APPROVED

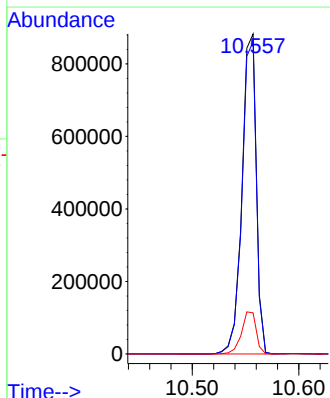
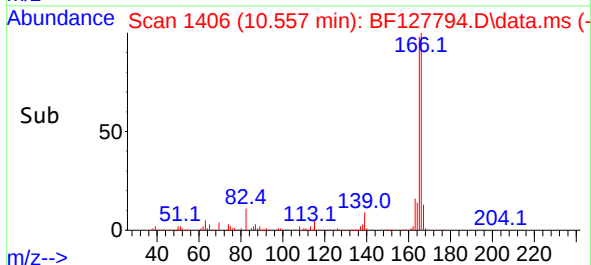
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

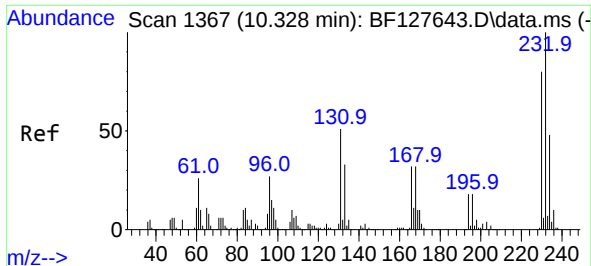


#58
Fluorene
Concen: 44.072 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



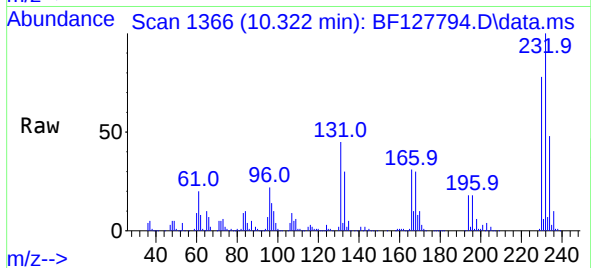
Tgt Ion:166 Resp: 828584
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 12.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.438 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

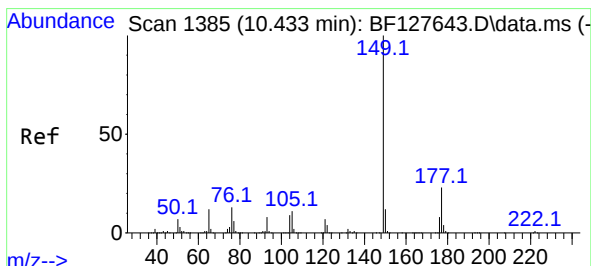
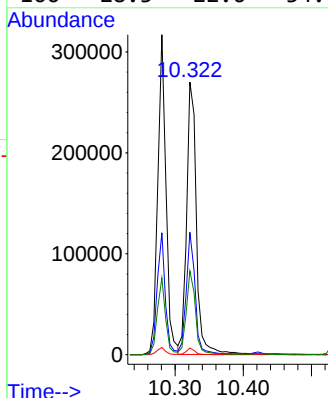
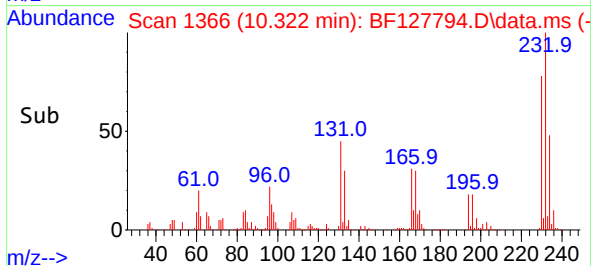
Instrument :
BNA_F
ClientSampleId :
PB144112BS



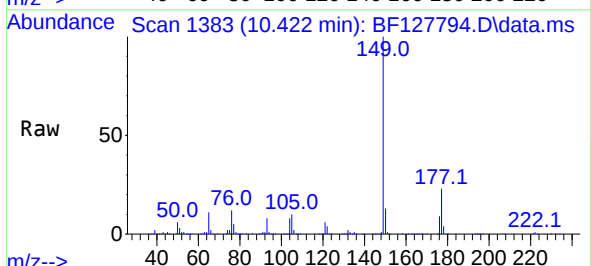
Tgt Ion:232 Resp: 266358
Ion Ratio Lower Upper
232 100
131 41.0 33.4 50.0
130 2.2 1.8 2.6
166 28.3 22.6 34.0

Manual Integrations
APPROVED

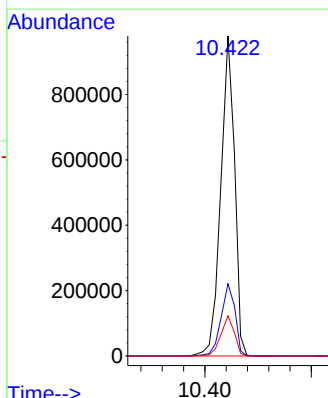
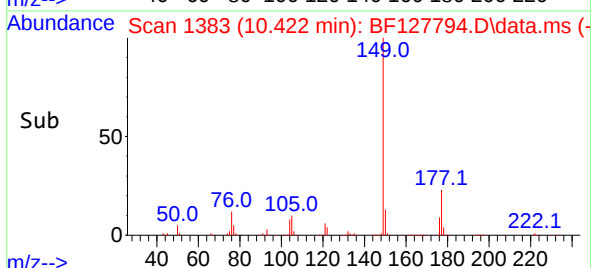
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

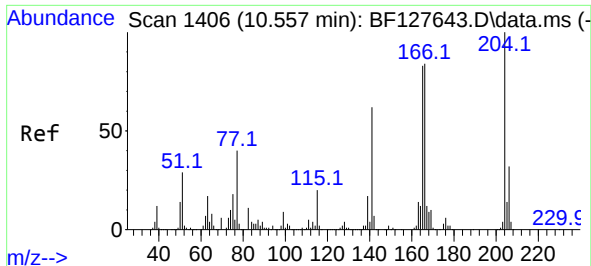


#60
Diethylphthalate
Concen: 42.257 ng
RT: 10.422 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



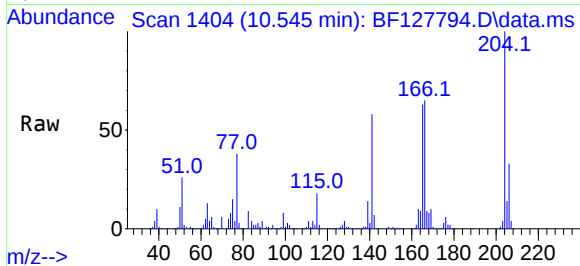
Tgt Ion:149 Resp: 877540
Ion Ratio Lower Upper
149 100
177 22.6 18.9 28.3
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.774 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

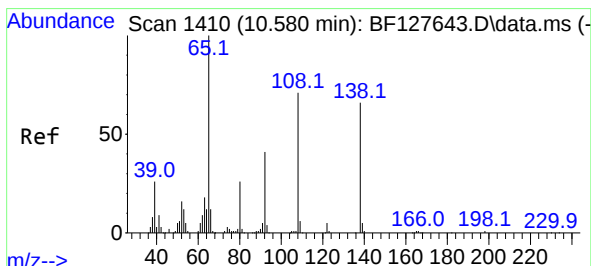
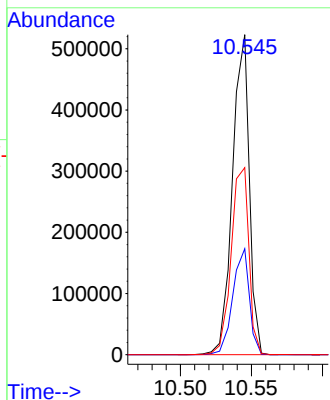
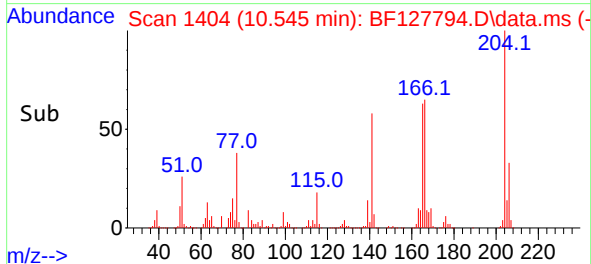
Instrument :
BNA_F
ClientSampleId :
PB144112BS



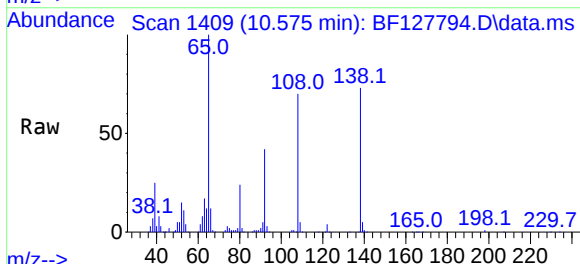
Tgt Ion:204 Resp: 43153
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 58.4 47.8 71.8

Manual Integrations
APPROVED

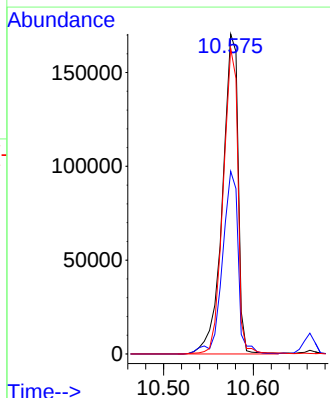
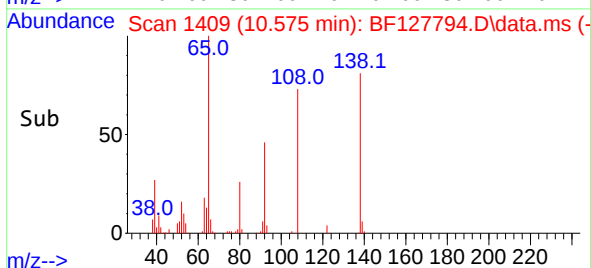
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

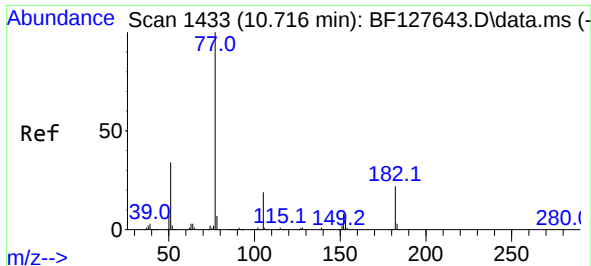


#62
4-Nitroaniline
Concen: 50.654 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



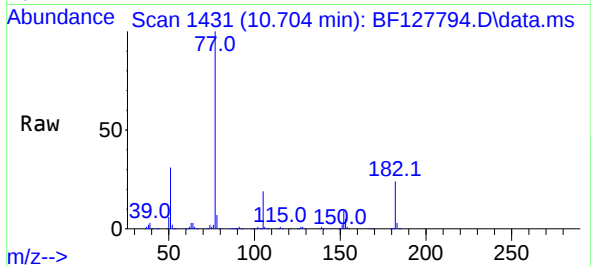
Tgt Ion:138 Resp: 206165
Ion Ratio Lower Upper
138 100
92 57.1 40.5 80.5
108 95.5 69.2 109.2





#63
Azobenzene
Concen: 40.154 ng
RT: 10.704 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

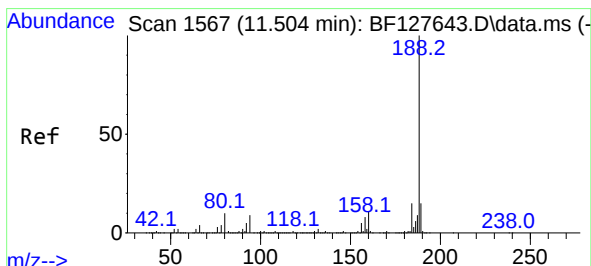
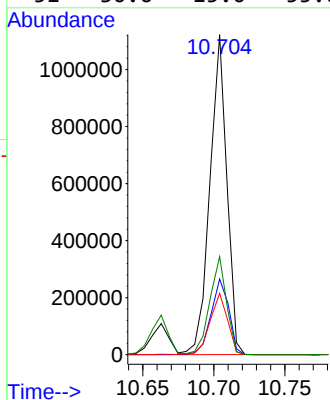
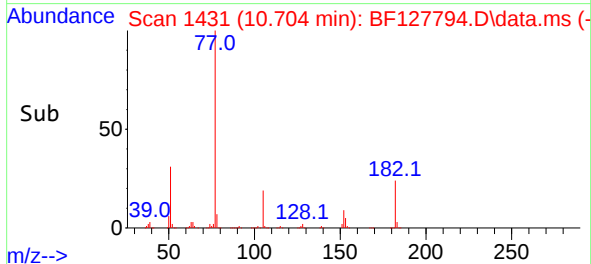
Instrument :
BNA_F
ClientSampleId :
PB144112BS



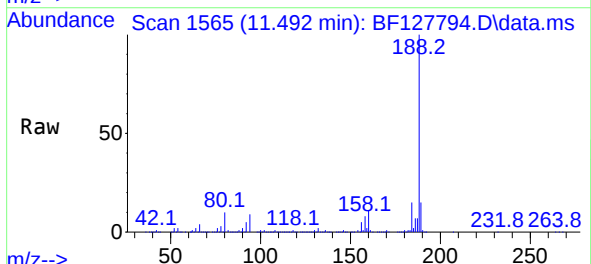
Tgt Ion: 77 Resp: 931790
Ion Ratio Lower Upper
77 100
182 23.7 4.5 44.5
105 19.2 0.3 40.3
51 30.6 15.0 55.0

Manual Integrations
APPROVED

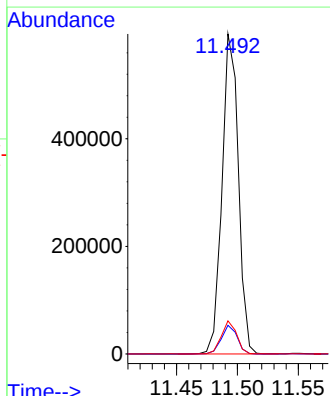
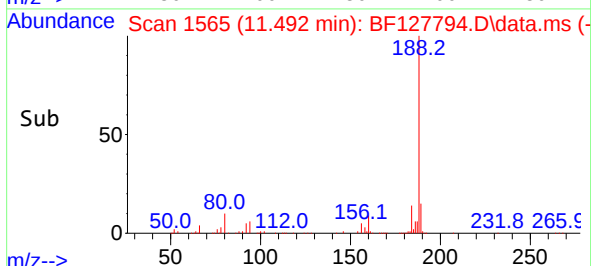
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

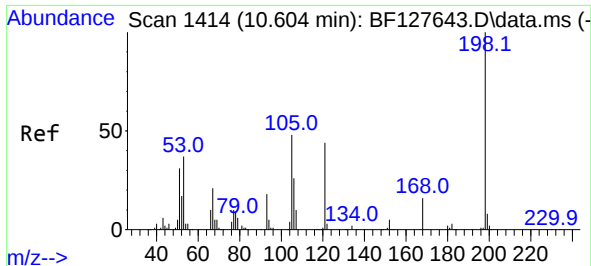


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:188 Resp: 555281
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.4 8.0 12.0





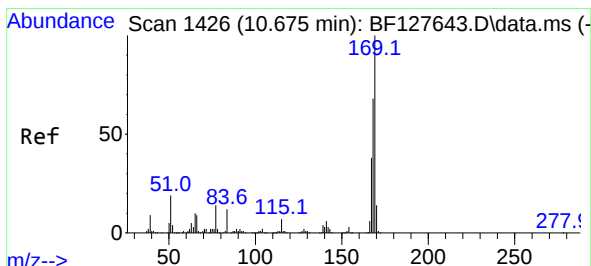
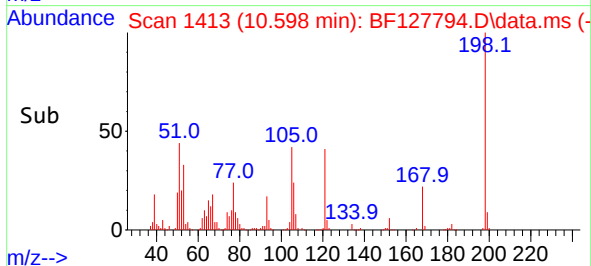
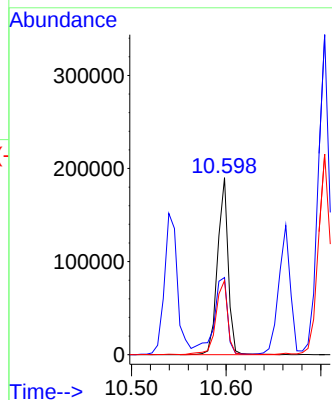
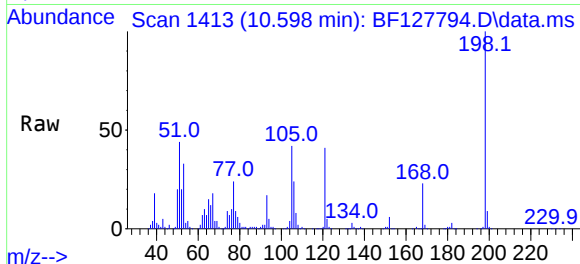
#65
4,6-Dinitro-2-methylphenol
Concen: 54.753 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :
BNA_F
ClientSampleId :
PB144112BS

Tgt Ion:198 Resp: 146849
Ion Ratio Lower Upper
198 100
51 43.6 42.7 82.7
105 41.9 25.4 65.4

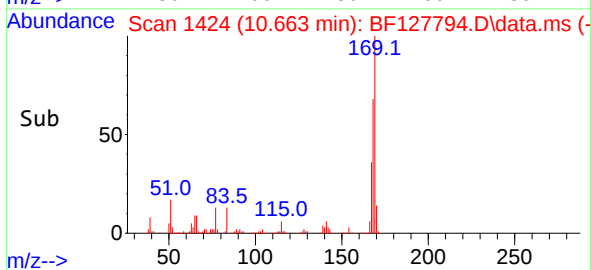
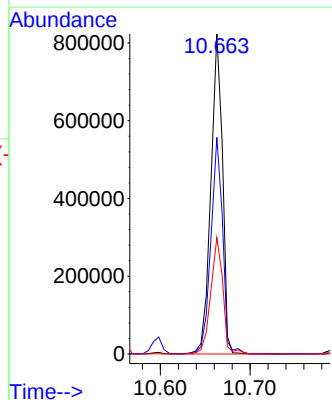
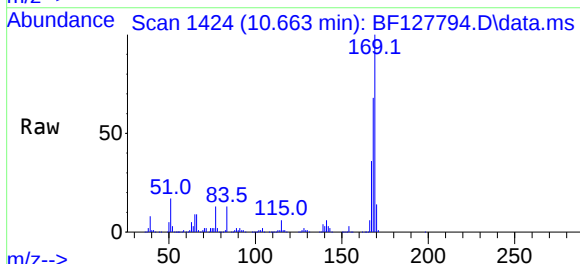
Manual Integrations
APPROVED

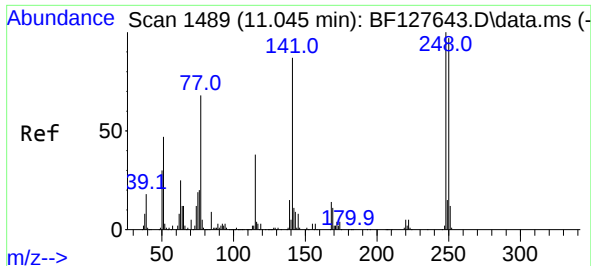
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#66
n-Nitrosodiphenylamine
Concen: 42.182 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

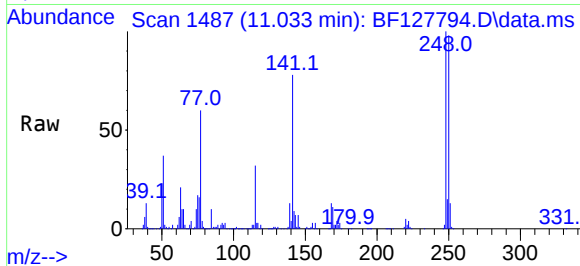
Tgt Ion:169 Resp: 737701
Ion Ratio Lower Upper
169 100
168 67.6 52.7 79.1
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.614 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

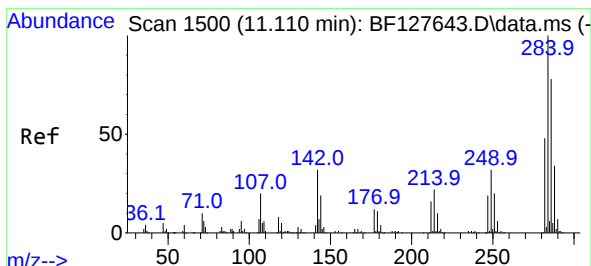
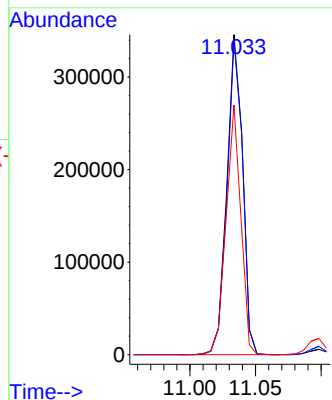
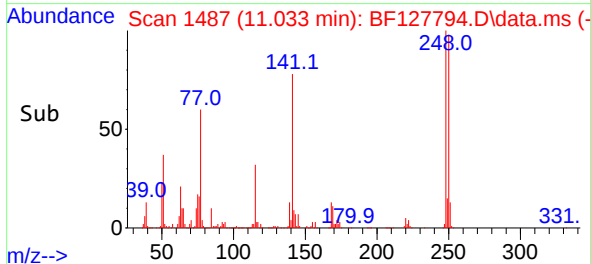
Instrument :
BNA_F
ClientSampleId :
PB144112BS



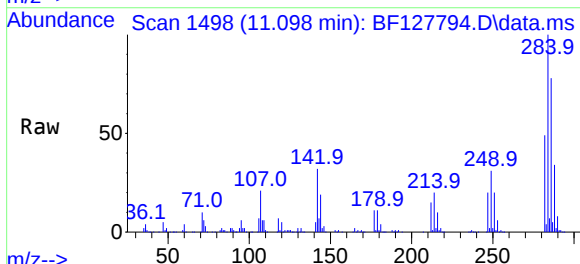
Tgt Ion:248 Resp: 28718
Ion Ratio Lower Upper
248 100
250 98.3 76.6 115.0
141 78.0 52.2 78.2

Manual Integrations
APPROVED

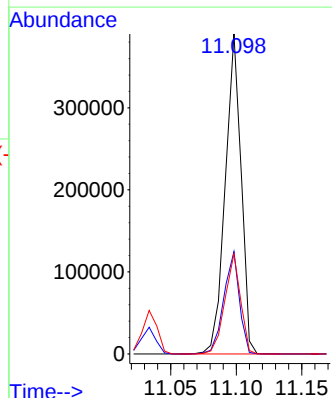
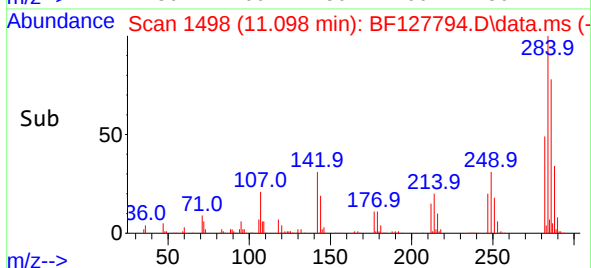
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

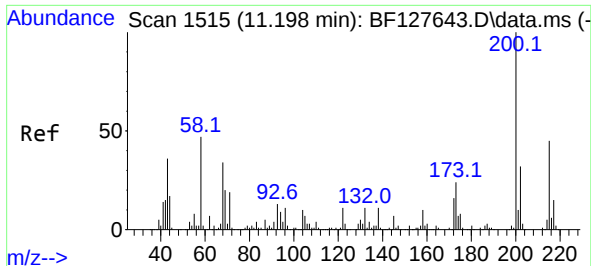


#68
Hexachlorobenzene
Concen: 44.338 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



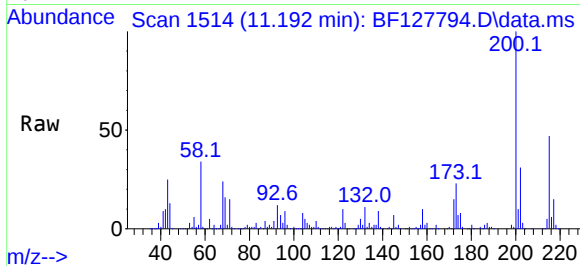
Tgt Ion:284 Resp: 326632
Ion Ratio Lower Upper
284 100
142 32.0 23.8 35.8
249 31.3 23.9 35.9





#69
Atrazine
Concen: 49.666 ng
RT: 11.192 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

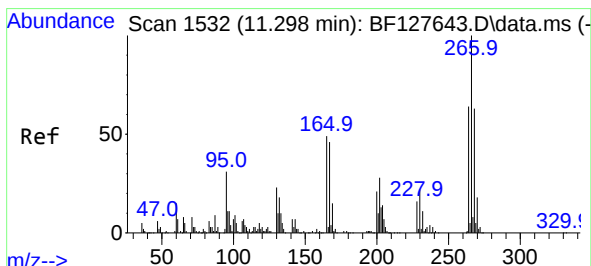
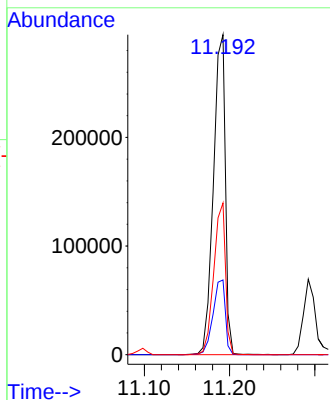
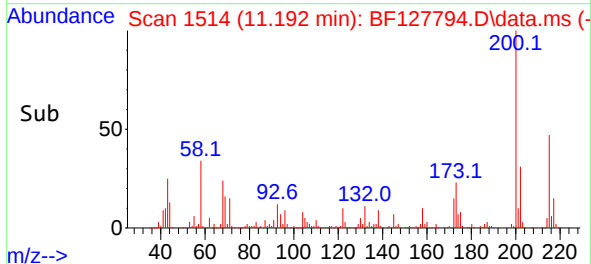
Instrument :
BNA_F
ClientSampleId :
PB144112BS



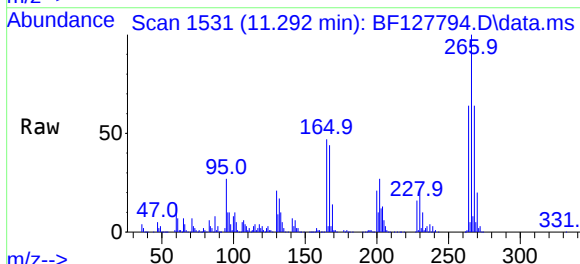
Tgt Ion:200 Resp: 28858
Ion Ratio Lower Upper
200 100
173 23.3 2.9 42.9
215 47.4 28.0 68.0

Manual Integrations
APPROVED

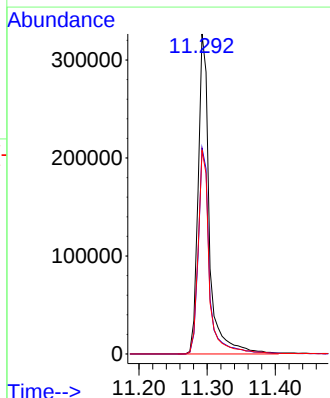
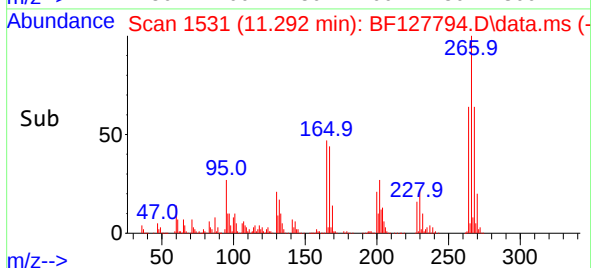
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

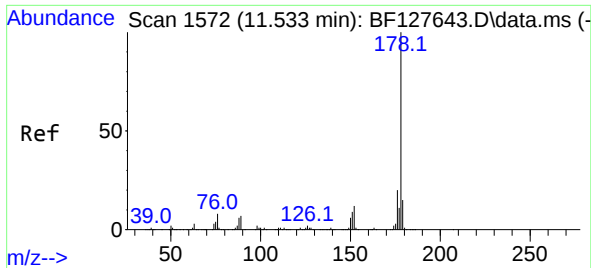


#70
Pentachlorophenol
Concen: 85.077 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:266 Resp: 374330
Ion Ratio Lower Upper
266 100
268 64.3 50.4 75.6
264 63.6 48.5 72.7





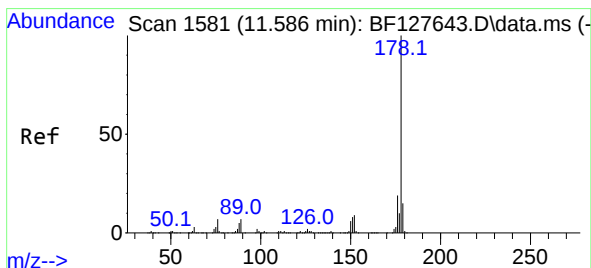
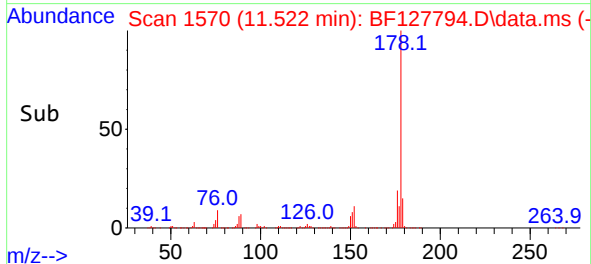
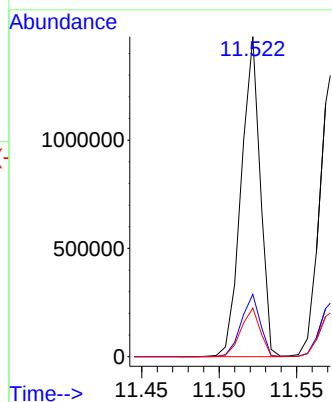
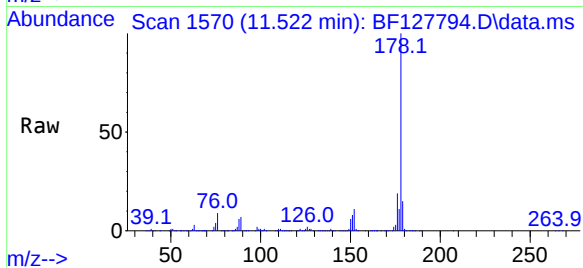
#71
Phenanthrene
Concen: 42.775 ng
RT: 11.522 min Scan# 11572
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :
BNA_F
ClientSampleId :
PB144112BS

Tgt Ion:178 Resp: 1258454
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.2 12.4 18.6

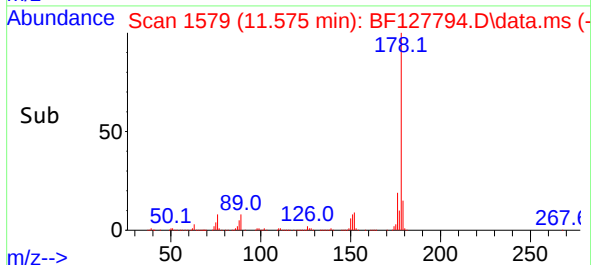
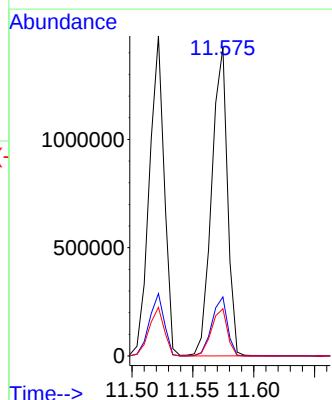
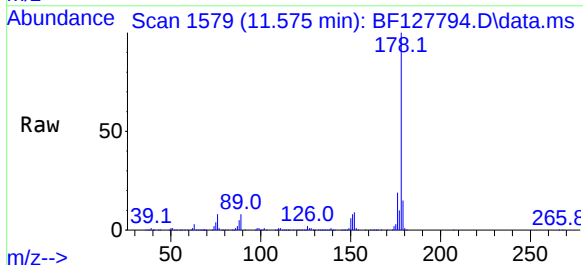
Manual Integrations
APPROVED

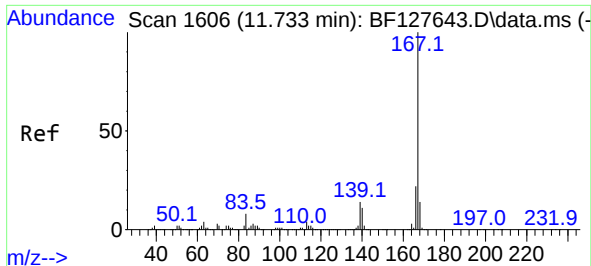
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#72
Anthracene
Concen: 44.131 ng
RT: 11.575 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

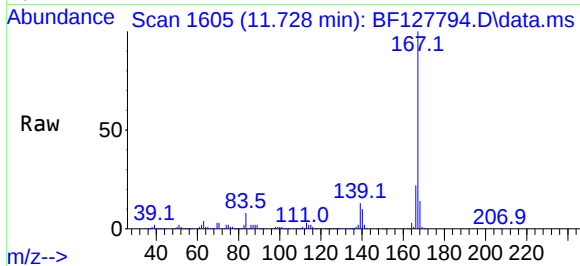
Tgt Ion:178 Resp: 1284309
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 42.432 ng
 RT: 11.728 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF127794.D
 Acq: 14 Apr 2022 15:09

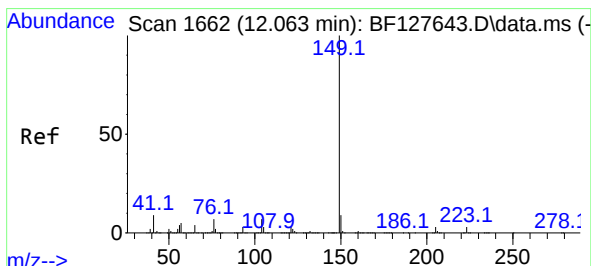
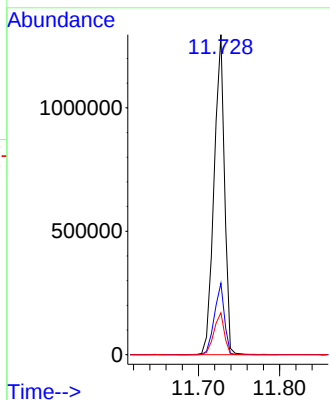
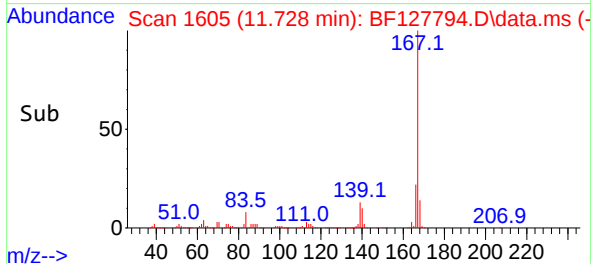
Instrument :
 BNA_F
 ClientSampleId :
 PB144112BS



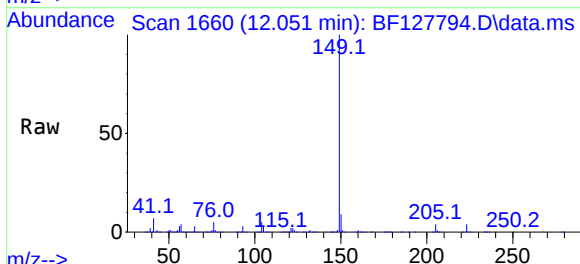
Tgt Ion:167 Resp: 1157100
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.0 25.4
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

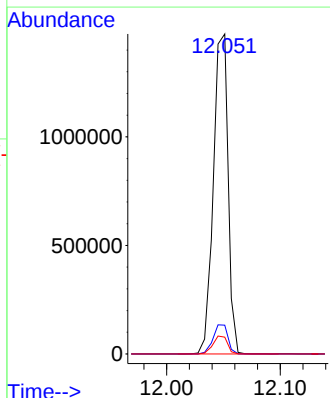
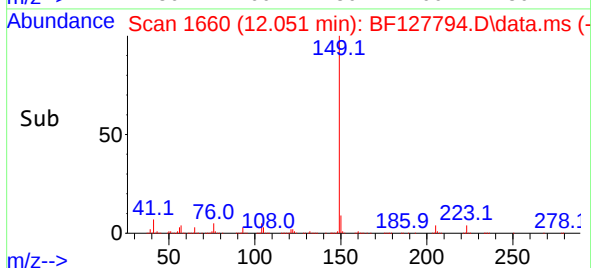
Reviewed By :Christian Giraldo 04/22/2022
 Supervised By :Jagrut Upadhyay 04/22/2022

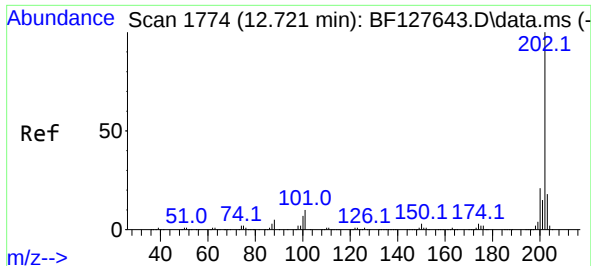


#74
 Di-n-butylphthalate
 Concen: 40.780 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: BF127794.D
 Acq: 14 Apr 2022 15:09



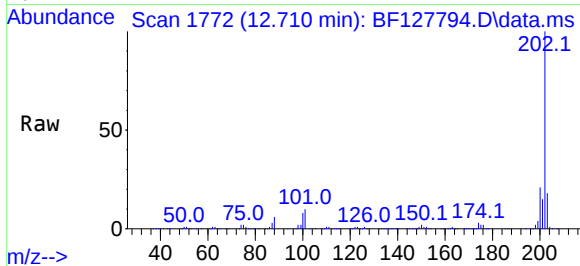
Tgt Ion:149 Resp: 1329377
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 44.753 ng
RT: 12.710 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

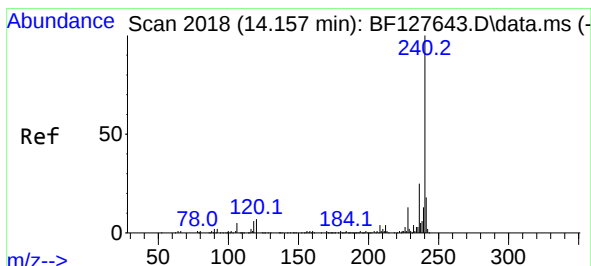
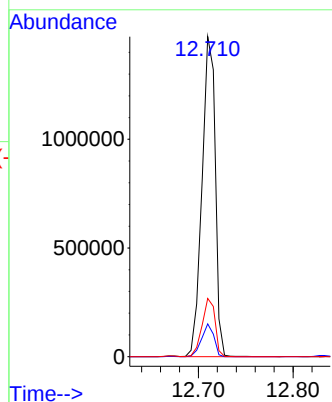
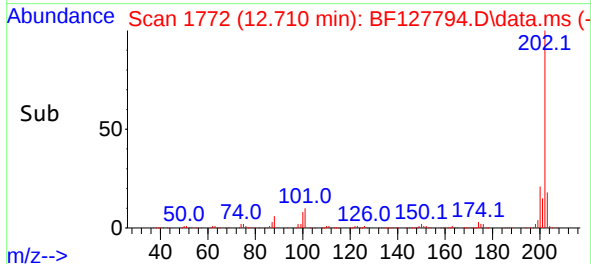
Instrument :
BNA_F
ClientSampleId :
PB144112BS



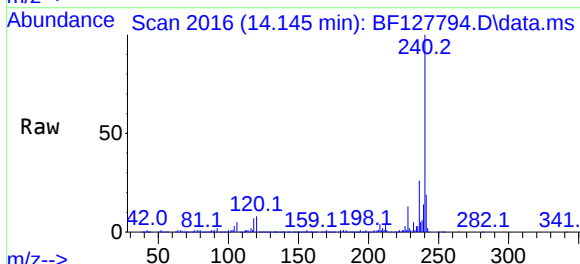
Tgt Ion:202 Resp: 1436772
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.0
203 18.2 0.0 37.7

Manual Integrations
APPROVED

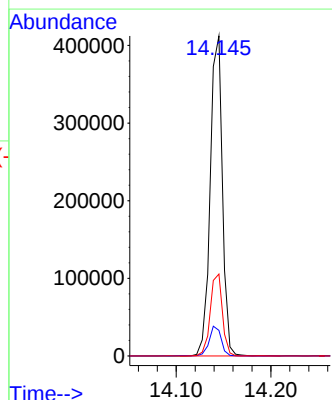
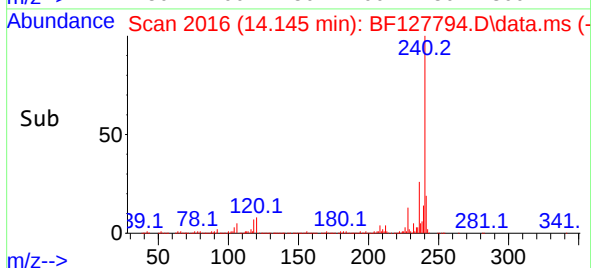
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

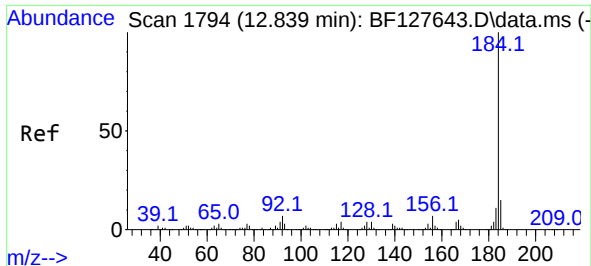


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



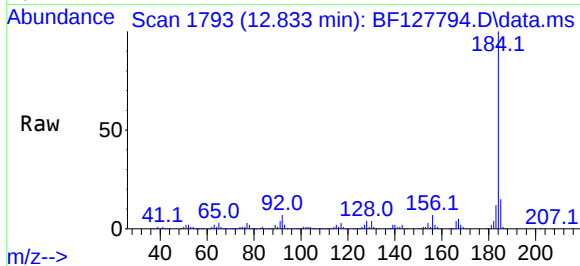
Tgt Ion:240 Resp: 367570
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.6 20.7 31.1





#77
Benzidine
Concen: 72.608 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

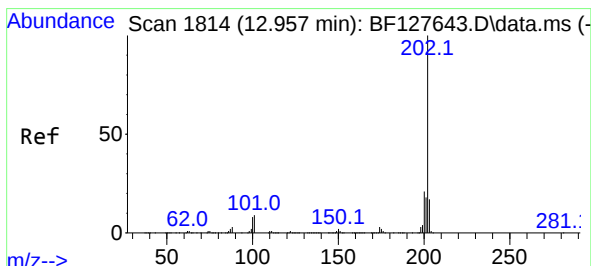
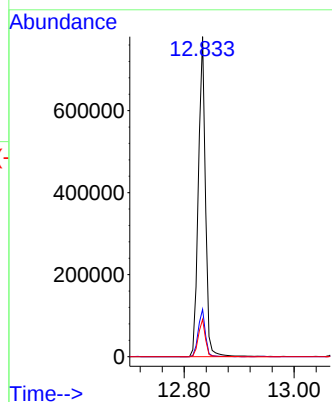
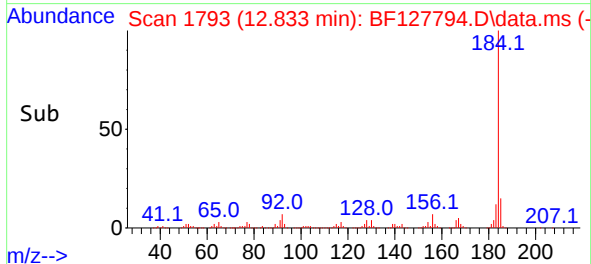
Instrument :
BNA_F
ClientSampleId :
PB144112BS



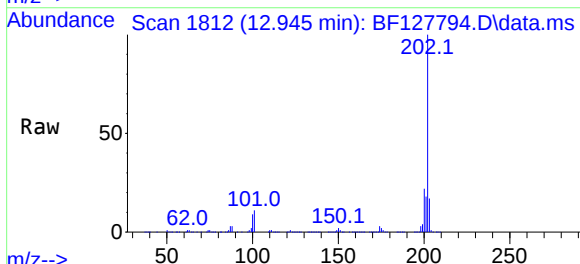
Tgt Ion:184 Resp: 69659
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.7 9.4 14.0

Manual Integrations
APPROVED

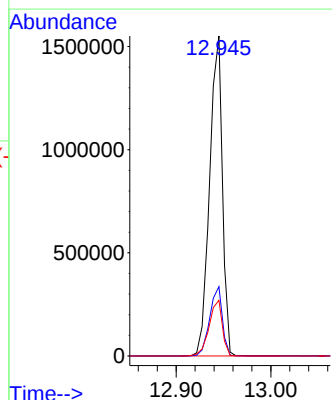
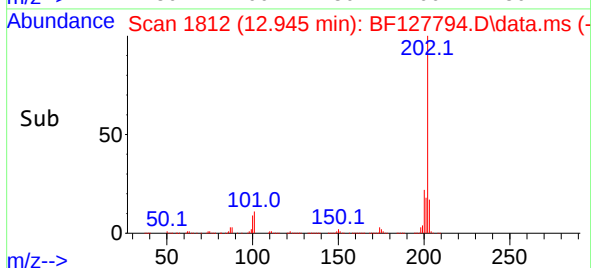
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

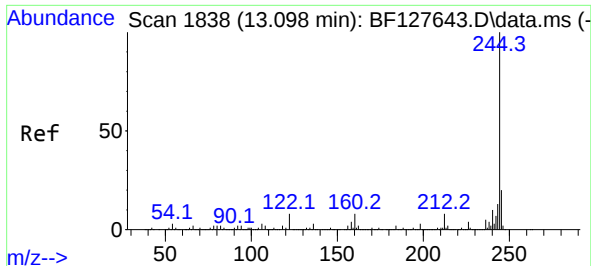


#78
Pyrene
Concen: 46.710 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:202 Resp: 1449812
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.4 14.3 21.5





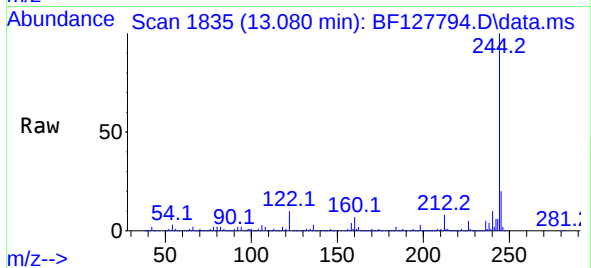
#79
Terphenyl-d14
Concen: 87.597 ng
RT: 13.080 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

PB144112BS

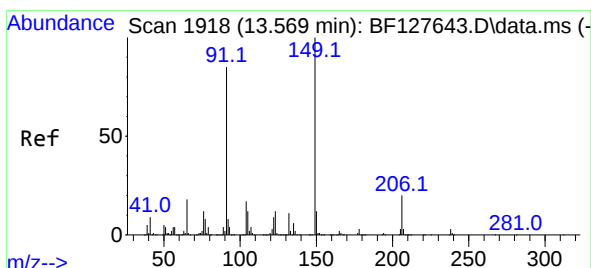
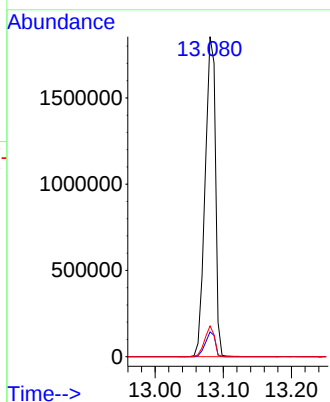
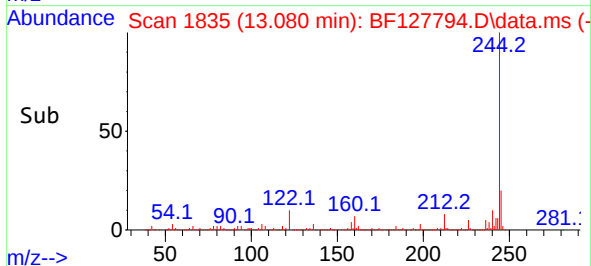


Tgt Ion:244 Resp: 1950678
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.6 6.2 9.2

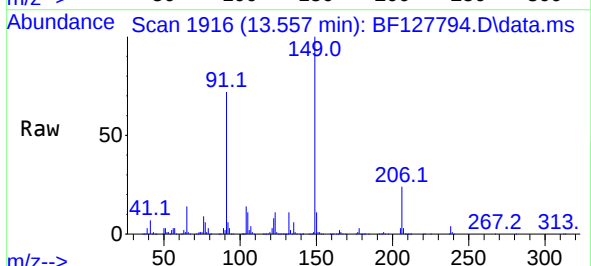
Manual Integrations

APPROVED

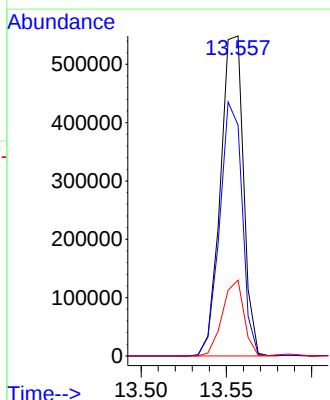
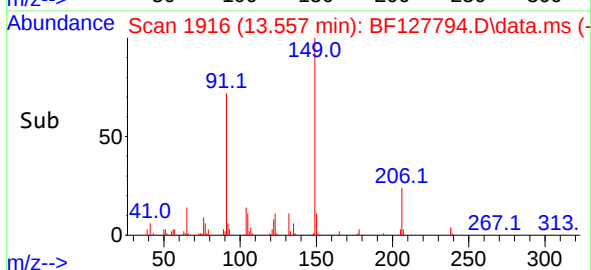
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

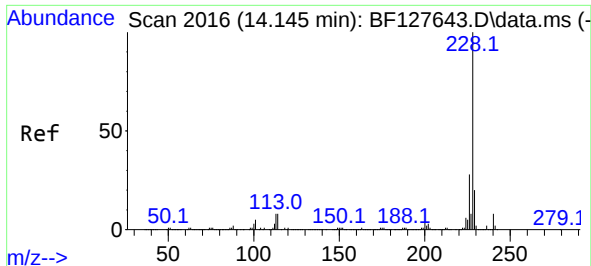


#80
Butylbenzylphthalate
Concen: 44.751 ng
RT: 13.557 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



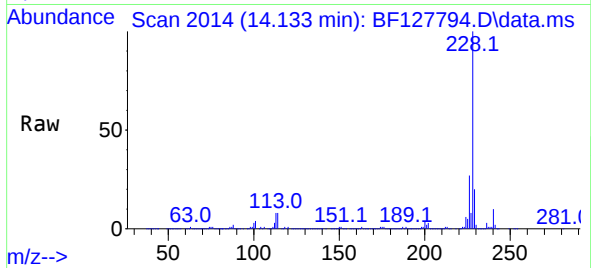
Tgt Ion:149 Resp: 517174
Ion Ratio Lower Upper
149 100
91 72.2 69.1 103.7
206 23.7 17.7 26.5





#81
Benzo(a)anthracene
Concen: 46.635 ng
RT: 14.133 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

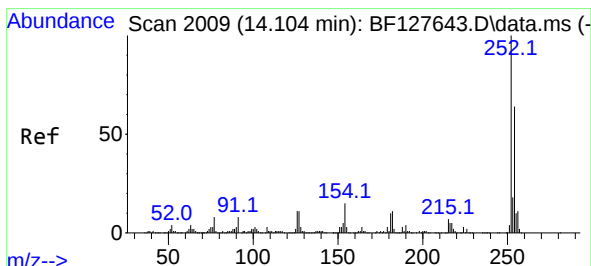
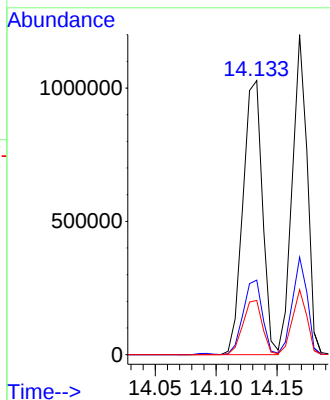
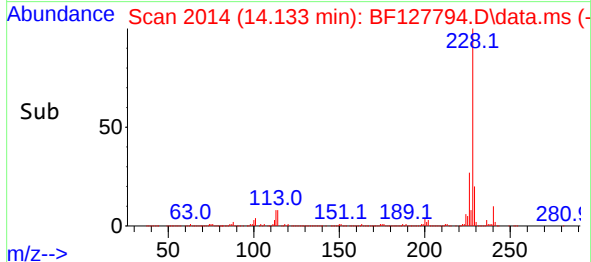
Instrument :
BNA_F
ClientSampleId :
PB144112BS



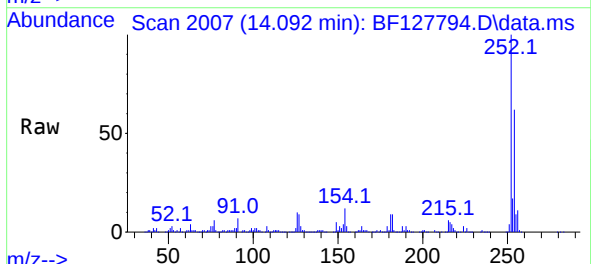
Tgt Ion:228 Resp: 1144864
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.8 15.4 23.2

Manual Integrations
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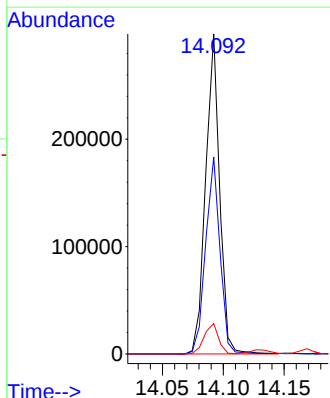
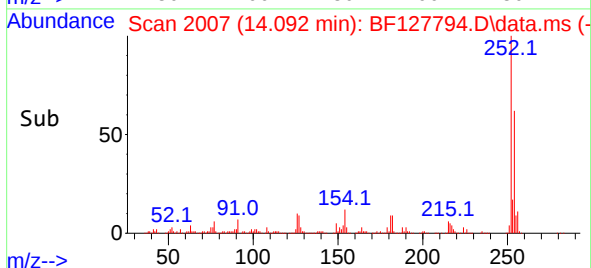
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

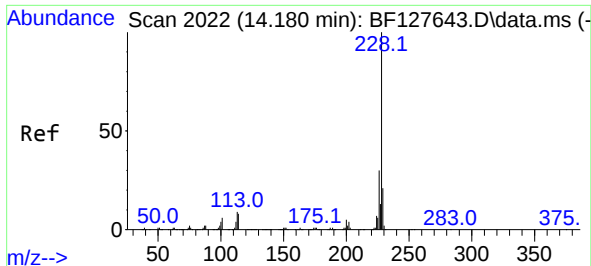


#82
3,3'-Dichlorobenzidine
Concen: 31.087 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:252 Resp: 237925
Ion Ratio Lower Upper
252 100
254 61.6 50.2 75.4
126 9.5 8.7 13.1





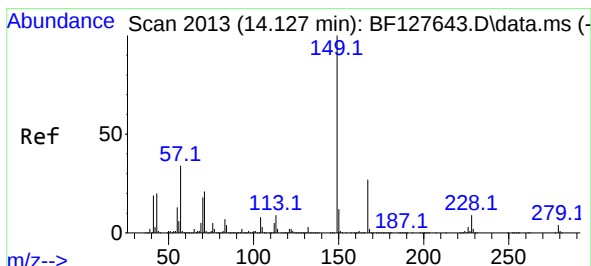
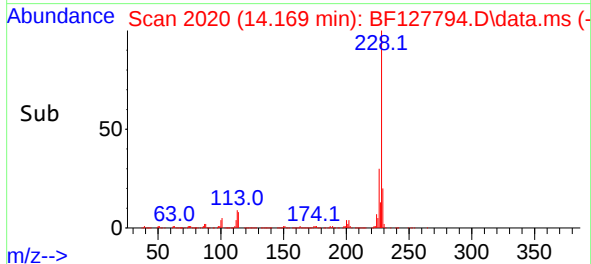
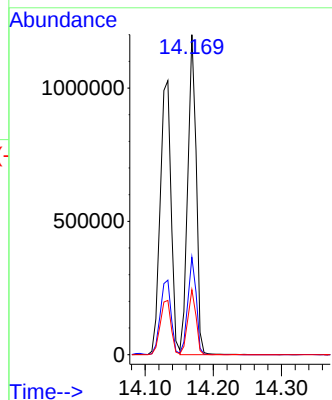
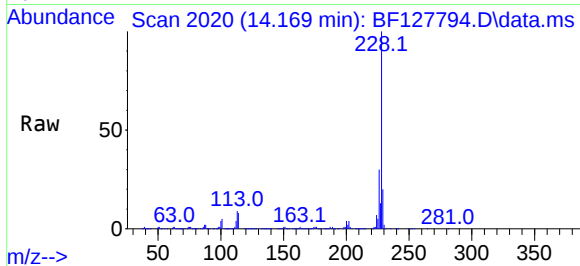
#83
Chrysene
Concen: 43.471 ng
RT: 14.169 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :
BNA_F
ClientSampleId :
PB144112BS

Tgt Ion:228 Resp: 1024415
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 20.3 15.4 23.2

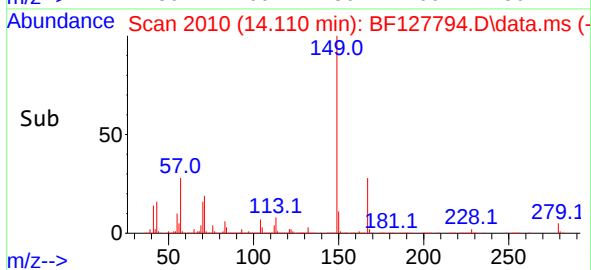
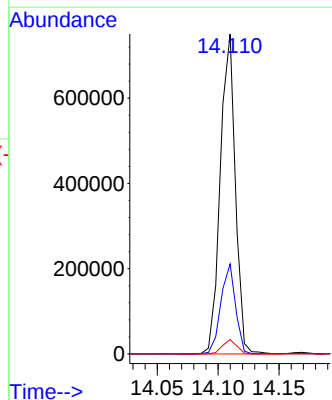
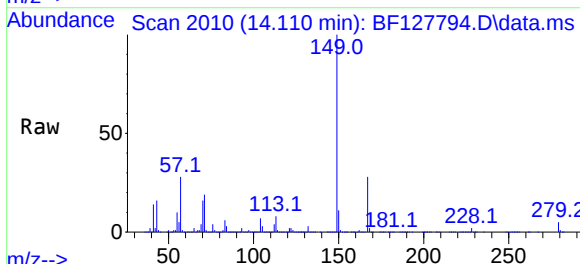
Manual Integrations
APPROVED

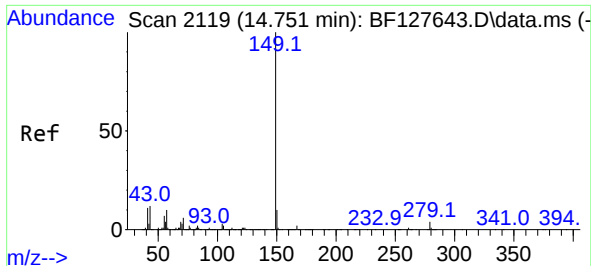
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.729 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

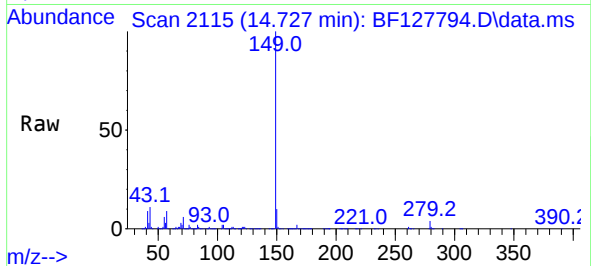
Tgt Ion:149 Resp: 647173
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 35.826 ng
RT: 14.727 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

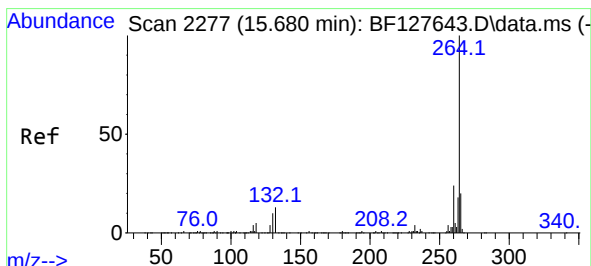
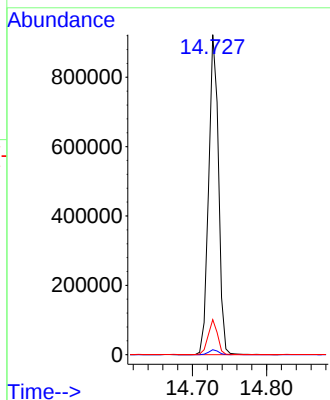
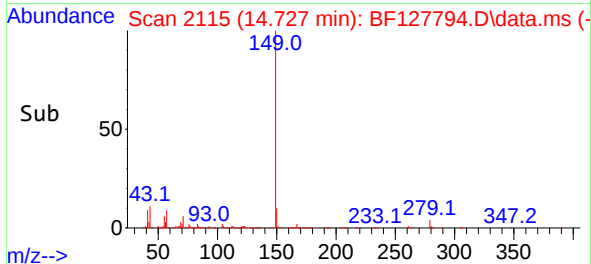
Instrument :
BNA_F
ClientSampleId :
PB144112BS



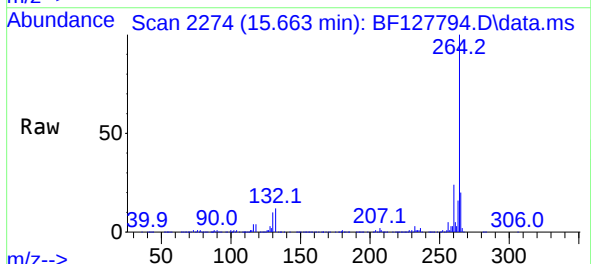
Tgt Ion:149 Resp: 853317
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.5 11.0 16.6

Manual Integrations
APPROVED

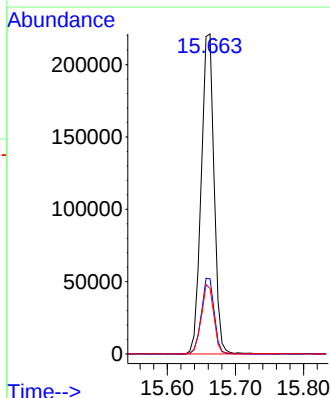
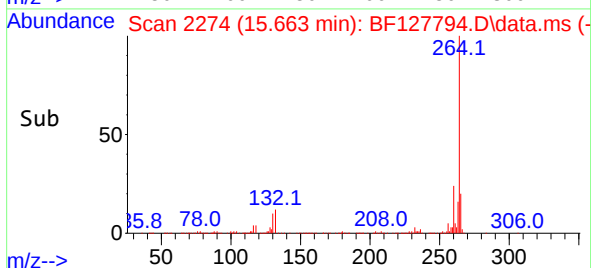
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022

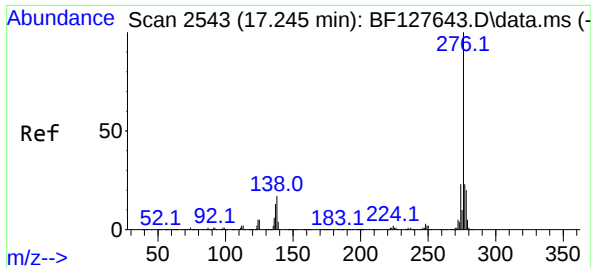


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:264 Resp: 290660
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 20.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.847 ng
RT: 17.221 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

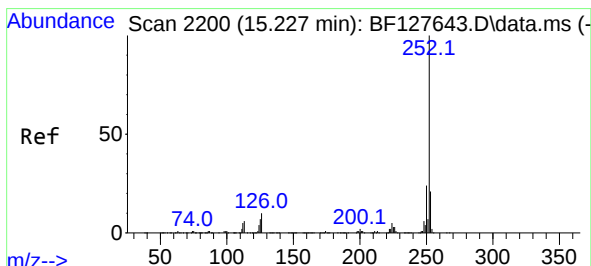
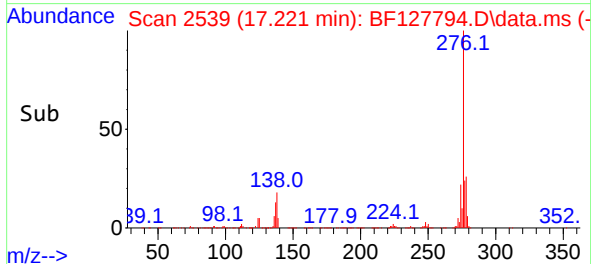
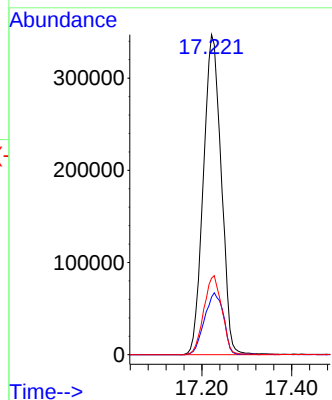
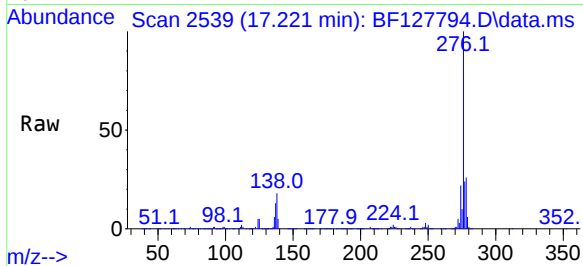
PB144112BS

Tgt Ion:276 Resp: 95971
Ion Ratio Lower Upper
276 100
138 20.5 17.1 25.7
277 25.0 19.9 29.9

Manual Integrations

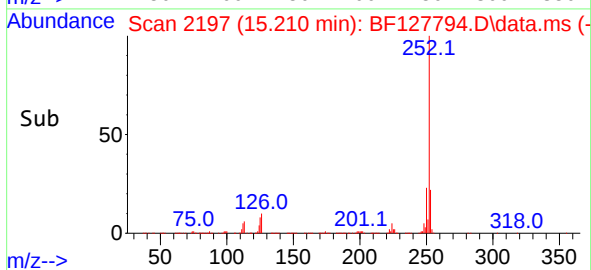
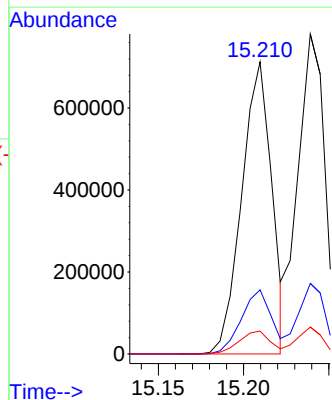
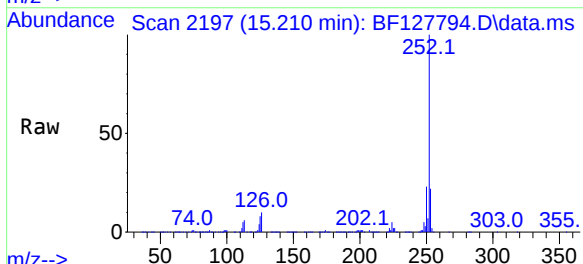
APPROVED

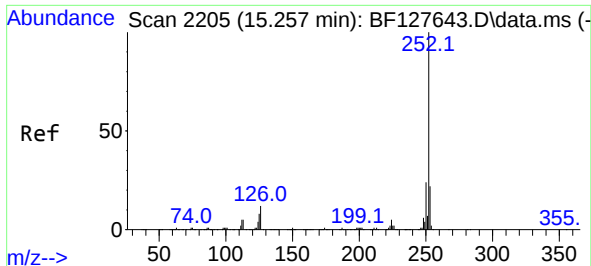
Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#88
Benzo(b)fluoranthene
Concen: 46.771 ng
RT: 15.210 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

Tgt Ion:252 Resp: 874533
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 46.706 ng

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127794.D

Acq: 14 Apr 2022 15:09

Instrument :

BNA_F

ClientSampleId :

PB144112BS

Tgt Ion:252 Resp: 866160

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

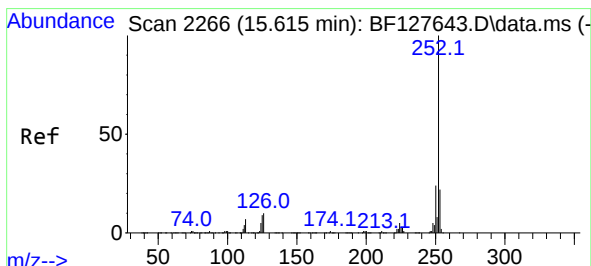
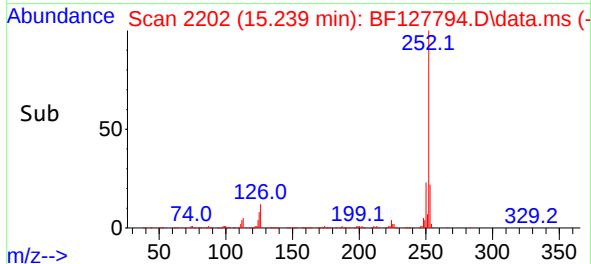
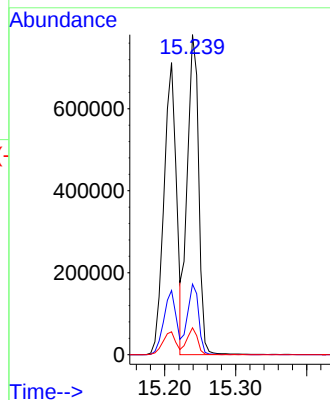
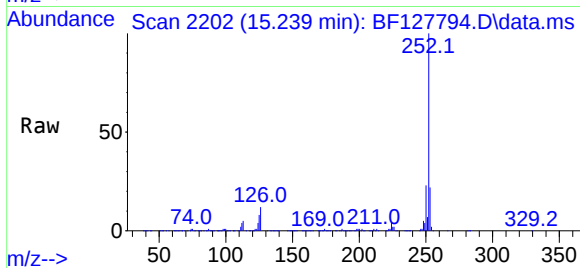
125 8.4 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/22/2022

Supervised By :Jagrut Upadhyay 04/22/2022



#90

Benzo(a)pyrene

Concen: 55.096 ng

RT: 15.598 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF127794.D

Acq: 14 Apr 2022 15:09

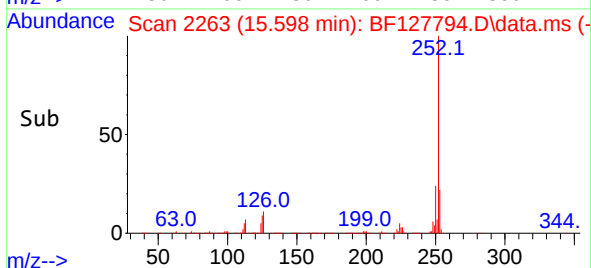
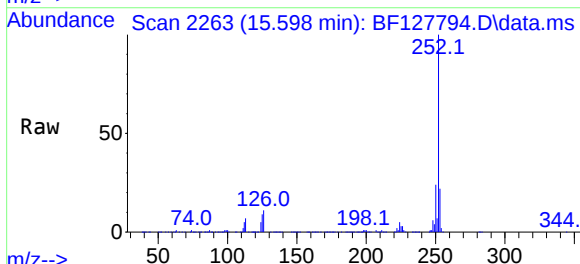
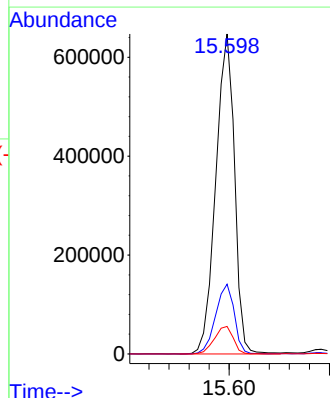
Tgt Ion:252 Resp: 837331

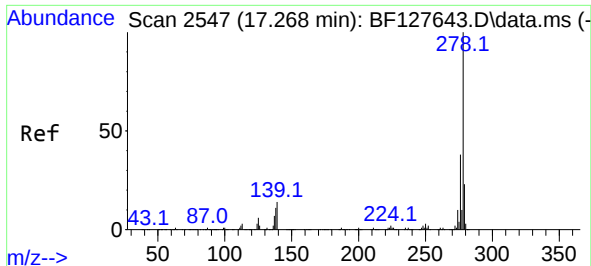
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

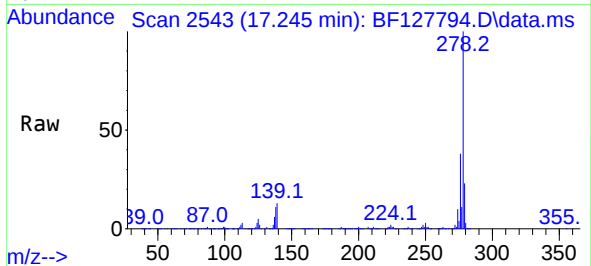
125 8.6 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 55.773 ng
RT: 17.245 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09

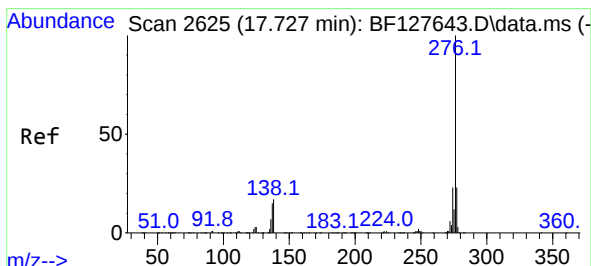
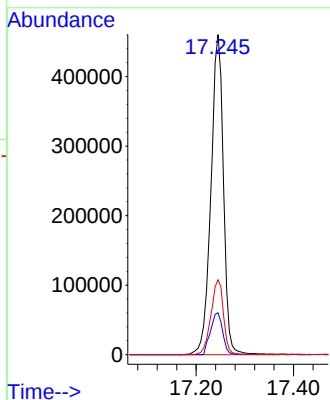
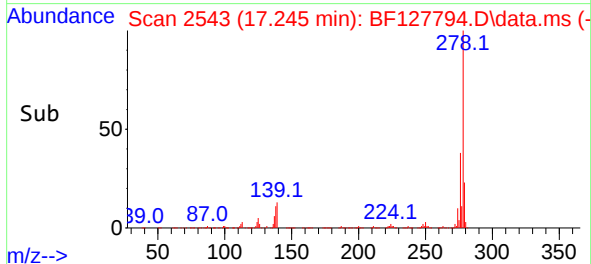
Instrument :
BNA_F
ClientSampleId :
PB144112BS



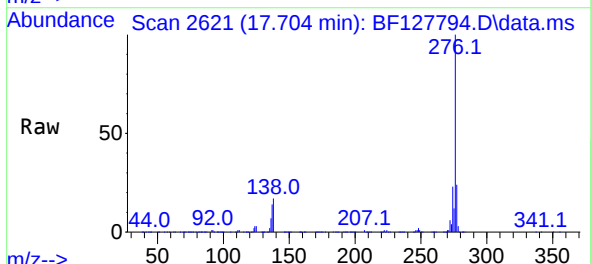
Tgt Ion:278 Resp: 82063
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 23.4 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/22/2022
Supervised By :Jagrut Upadhyay 04/22/2022



#92
Benzo(g,h,i)perylene
Concen: 56.534 ng
RT: 17.704 min Scan# 2621
Delta R.T. 0.000 min
Lab File: BF127794.D
Acq: 14 Apr 2022 15:09



Tgt Ion:276 Resp: 852789
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 17.4 14.6 22.0

