

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132734.D
 Acq On : 10 Mar 2023 11:12
 Operator : CG\JU
 Sample : PB151329BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151329BS

Quant Time: Mar 10 11:43:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	264076	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	978805	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	524478	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	977217	20.000	ng	0.00
76) Chrysene-d12	14.186	240	584805	20.000	ng	0.00
86) Perylene-d12	15.727	264	503227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1526339	93.806	ng	0.01
7) Phenol-d6	6.622	99	1958144	92.212	ng	0.00
23) Nitrobenzene-d5	7.551	82	1301574	63.090	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	527056	93.051	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2079955	60.385	ng	0.00
79) Terphenyl-d14	13.116	244	2360603	68.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	365869	40.650	ng	95
3) Pyridine	3.687	79	904788	37.872	ng	94
4) n-Nitrosodimethylamine	3.663	42	354157	39.245	ng	83
6) Aniline	6.645	93	1005558	35.187	ng	96
8) 2-Chlorophenol	6.775	128	731472	43.315	ng	94
9) Benzaldehyde	6.534	77	428324	37.380	ng	98
10) Phenol	6.634	94	970836	39.877	ng	97
11) bis(2-Chloroethyl)ether	6.716	93	819226	43.589	ng	95
12) 1,3-Dichlorobenzene	6.922	146	813382	44.883	ng	98
13) 1,4-Dichlorobenzene	6.998	146	804605	44.464	ng	99
14) 1,2-Dichlorobenzene	7.151	146	727240	41.876	ng	98
15) Benzyl Alcohol	7.128	79	666203	40.736	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	984878	41.093	ng	93
17) 2-Methylphenol	7.234	107	621932	39.461	ng	98
18) Hexachloroethane	7.492	117	322330	45.594	ng	98
19) n-Nitroso-di-n-propyla...	7.398	70	488130	37.350	ng	92
20) 3+4-Methylphenols	7.387	107	687329	33.756	ng	94
22) Acetophenone	7.392	105	963692	39.046	ng	# 93
24) Nitrobenzene	7.569	77	869917	39.427	ng	100
25) Isophorone	7.804	82	1636675	41.379	ng	99
26) 2-Nitrophenol	7.886	139	428051	43.970	ng	88
27) 2,4-Dimethylphenol	7.916	122	647691	42.154	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	984595	42.553	ng	99
29) 2,4-Dichlorophenol	8.128	162	649655	42.505	ng	98
30) 1,2,4-Trichlorobenzene	8.210	180	717362	43.224	ng	96
31) Naphthalene	8.292	128	2014446	40.202	ng	100
32) Benzoic acid	8.051	122	411867m	35.134	ng	
33) 4-Chloroaniline	8.334	127	470602	21.916	ng	97
34) Hexachlorobutadiene	8.398	225	459110	43.533	ng	98
35) Caprolactam	8.728	113	222984m	44.253	ng	
36) 4-Chloro-3-methylphenol	8.822	107	702666	41.862	ng	97
37) 2-Methylnaphthalene	8.981	142	1339457	39.225	ng	99
38) 1-Methylnaphthalene	9.081	142	1245682	39.033	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	723498	42.163	ng	99
41) Hexachlorocyclopentadiene	9.133	237	847261	91.032	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	475213	40.864	ng	99

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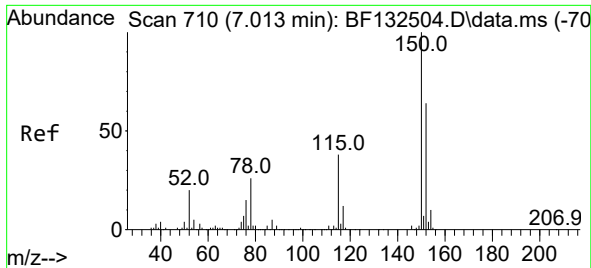
Manual Integrations
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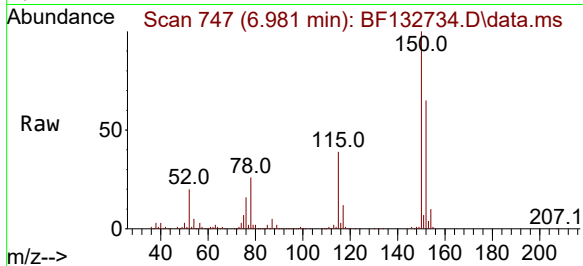
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	518404	38.195	ng	98
46) 1,1'-Biphenyl	9.445	154	1620787	40.829	ng	99
47) 2-Chloronaphthalene	9.475	162	1311136	41.658	ng	100
48) 2-Nitroaniline	9.575	65	429712	37.070	ng	91
49) Acenaphthylene	9.892	152	1981758	39.563	ng	100
50) Dimethylphthalate	9.745	163	1568843	41.081	ng	99
51) 2,6-Dinitrotoluene	9.816	165	355106	40.831	ng	90
52) Acenaphthene	10.069	154	1378855m	43.351	ng	
53) 3-Nitroaniline	9.986	138	276597	28.431	ng	96
54) 2,4-Dinitrophenol	10.098	184	390866	71.519	ng	97
55) Dibenzofuran	10.239	168	1786439	38.526	ng	99
56) 4-Nitrophenol	10.157	139	493220	67.980	ng	96
57) 2,4-Dinitrotoluene	10.222	165	467707	40.423	ng	99
58) Fluorene	10.586	166	1389932	39.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	413955	41.058	ng	98
60) Diethylphthalate	10.445	149	1480861	39.705	ng	100
61) 4-Chlorophenyl-phenyle...	10.569	204	738599	40.142	ng	97
62) 4-Nitroaniline	10.610	138	373264	39.086	ng	95
63) Azobenzene	10.733	77	1521546	38.520	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	278747	42.137	ng	98
66) n-Nitrosodiphenylamine	10.692	169	1248752	40.989	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	473484	42.834	ng	99
68) Hexachlorobenzene	11.133	284	523535	45.011	ng	97
69) Atrazine	11.216	200	437301	45.979	ng	99
70) Pentachlorophenol	11.333	266	476523	68.860	ng	99
71) Phenanthrene	11.551	178	2011525	39.734	ng	100
72) Anthracene	11.604	178	2073204	39.769	ng	99
73) Carbazole	11.763	167	1852651	39.416	ng	99
74) Di-n-butylphthalate	12.074	149	2262134	41.030	ng	99
75) Fluoranthene	12.751	202	2168471	39.182	ng	99
77) Benzidine	12.869	184	1051543	73.866	ng	100
78) Pyrene	12.980	202	2213541	41.632	ng	100
80) Butylbenzylphthalate	13.586	149	933008	44.468	ng	100
81) Benzo(a)anthracene	14.174	228	1790629	40.923	ng	97
82) 3,3'-Dichlorobenzidine	14.133	252	343826	26.653	ng	# 98
83) Chrysene	14.215	228	1664384	40.676	ng	100
84) Bis(2-ethylhexyl)phtha...	14.139	149	1195076	46.366	ng	100
85) Di-n-octyl phthalate	14.763	149	1820471	48.333	ng	97
87) Indeno(1,2,3-cd)pyrene	17.327	276	1489297	45.166	ng	100
88) Benzo(b)fluoranthene	15.268	252	1566932	46.464	ng	98
89) Benzo(k)fluoranthene	15.304	252	1338705	40.560	ng	99
90) Benzo(a)pyrene	15.662	252	1260420	39.934	ng	99
91) Dibenzo(a,h)anthracene	17.339	278	1206689	44.915	ng	98
92) Benzo(g,h,i)perylene	17.809	276	1211128	40.163	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

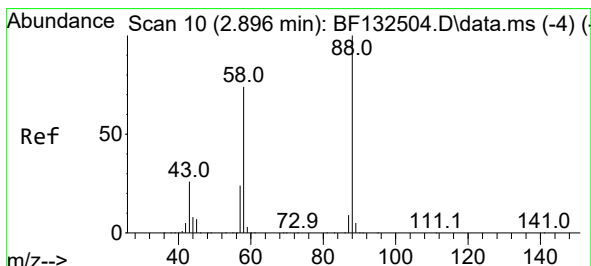
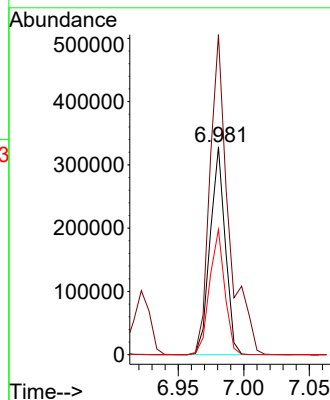
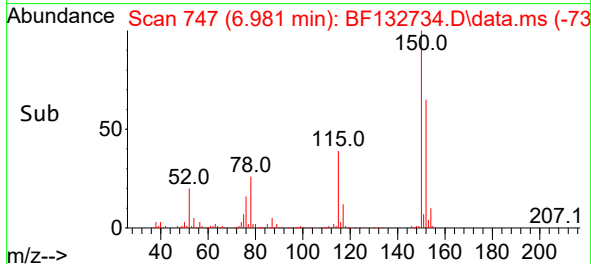
Instrument :
BNA_F
ClientSampleId :
PB151329BS



Tgt Ion:152 Resp: 264070
Ion Ratio Lower Upper
152 100
150 154.0 125.4 188.2
115 60.2 47.8 71.6

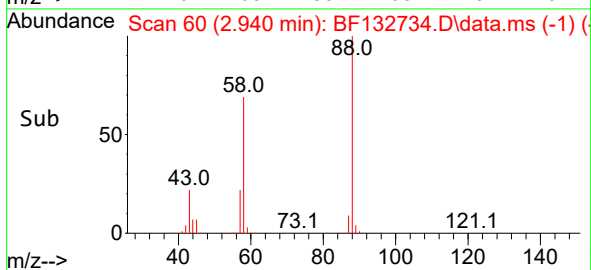
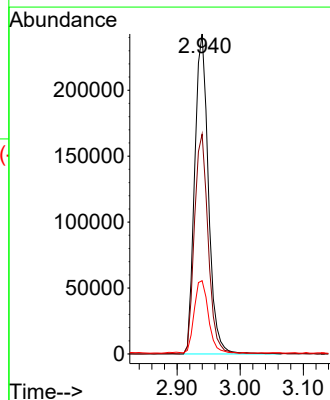
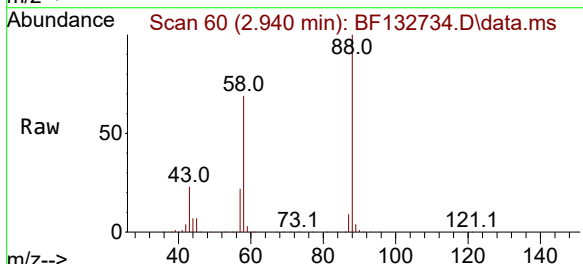
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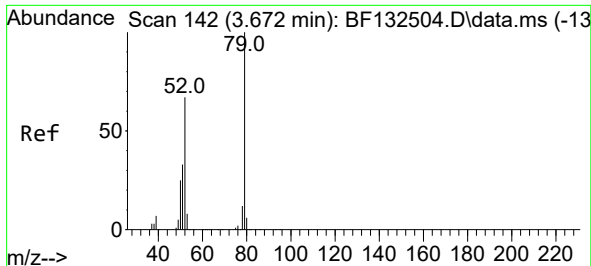
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#2
1,4-Dioxane
Concen: 40.650 ng
RT: 2.940 min Scan# 60
Delta R.T. 0.100 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

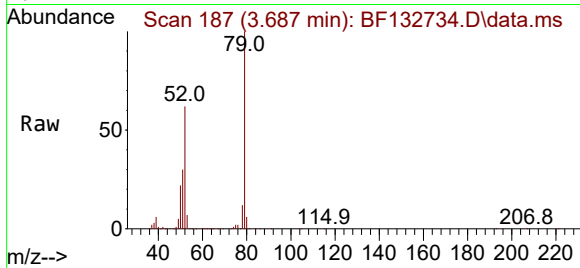
Tgt Ion: 88 Resp: 365869
Ion Ratio Lower Upper
88 100
58 68.9 58.3 87.5
43 23.7 20.7 31.1





#3
Pyridine
Concen: 37.872 ng
RT: 3.687 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

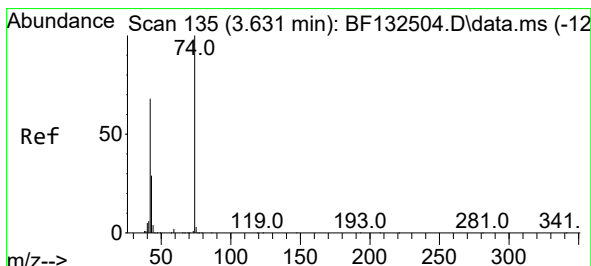
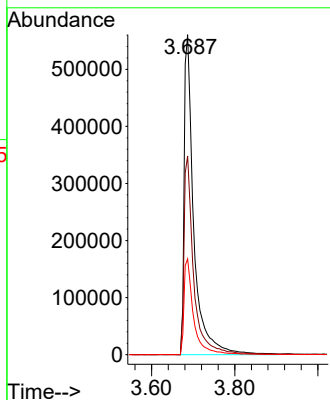
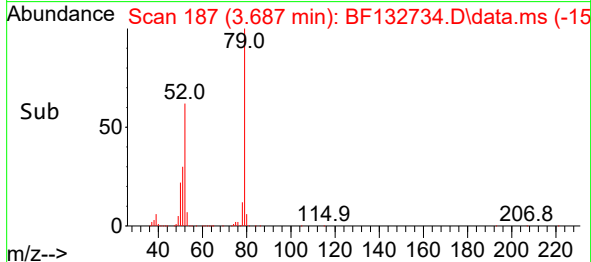
Instrument :
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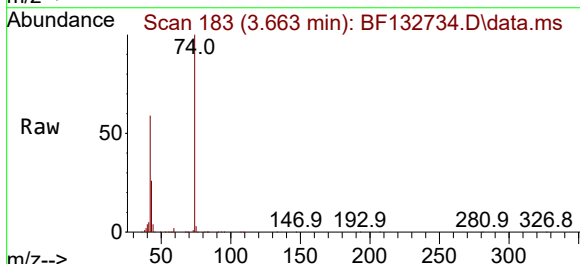
Tgt Ion: 79 Resp: 90478
Ion Ratio Lower Upper
79 100
52 62.1 53.7 80.5
51 30.0 26.6 40.0

Manual Integrations
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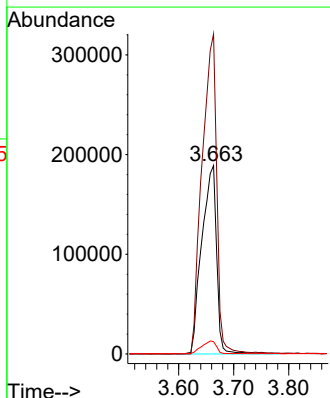
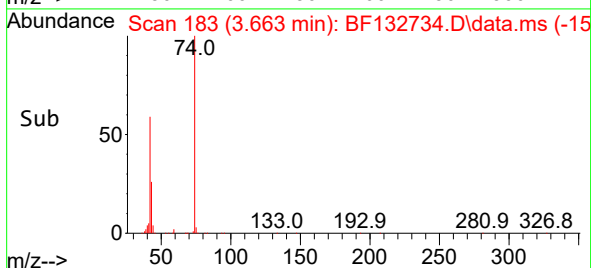
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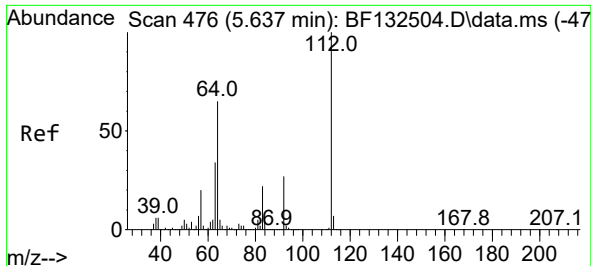


#4
n-Nitrosodimethylamine
Concen: 39.245 ng
RT: 3.663 min Scan# 183
Delta R.T. 0.077 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



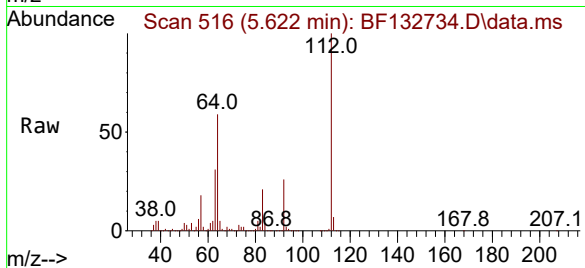
Tgt Ion: 42 Resp: 354157
Ion Ratio Lower Upper
42 100
74 169.8 118.2 177.2
44 6.6 5.3 7.9





#5
2-Fluorophenol
Concen: 93.806 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

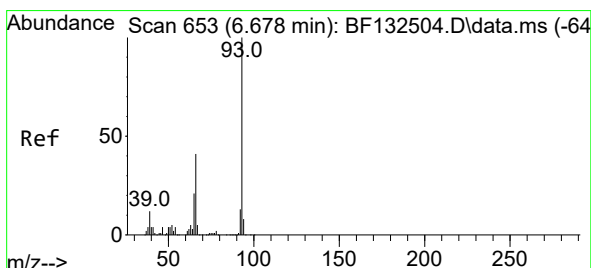
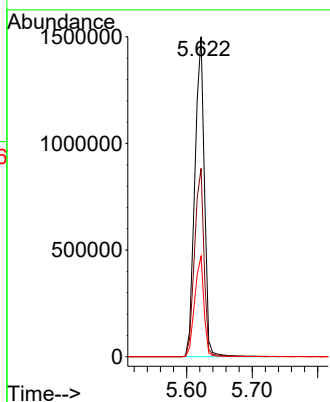
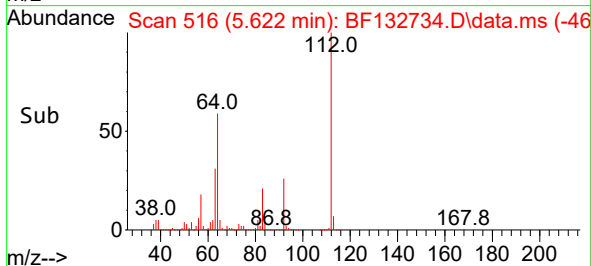
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ClientSampleId :
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Tgt Ion:112 Resp: 1526339
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.4 27.4 41.2

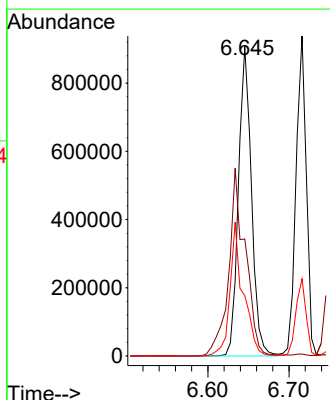
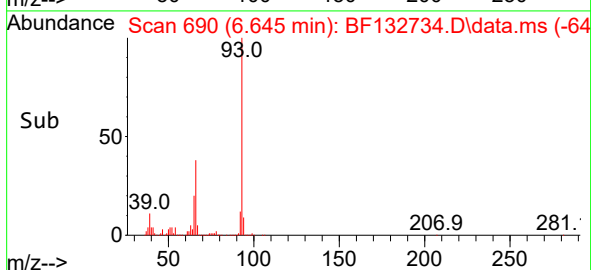
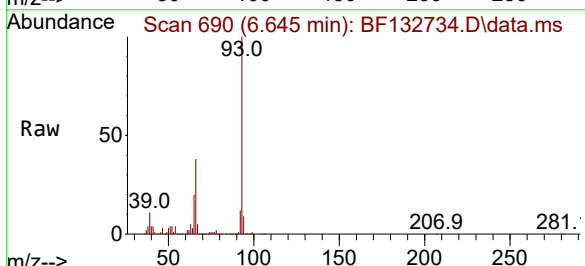
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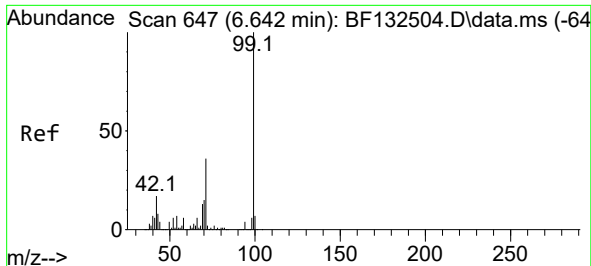
Reviewed By :Christian Giraldo 03/13/2023
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#6
Aniline
Concen: 35.187 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

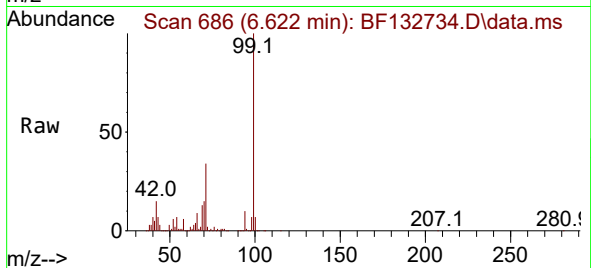
Tgt Ion: 93 Resp: 1005558
Ion Ratio Lower Upper
93 100
66 37.8 32.5 48.7
65 19.6 16.6 24.8





#7
Phenol-d6
Concen: 92.212 ng
RT: 6.622 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

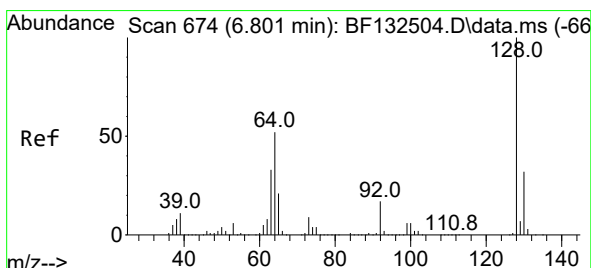
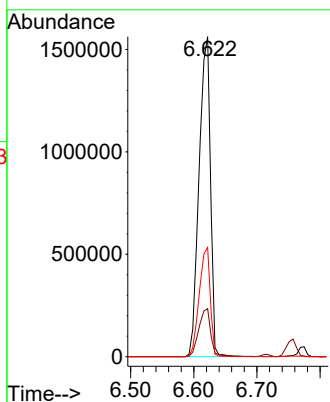
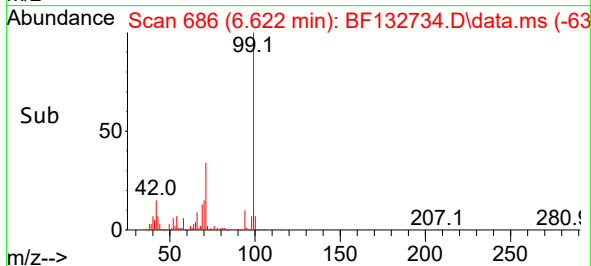
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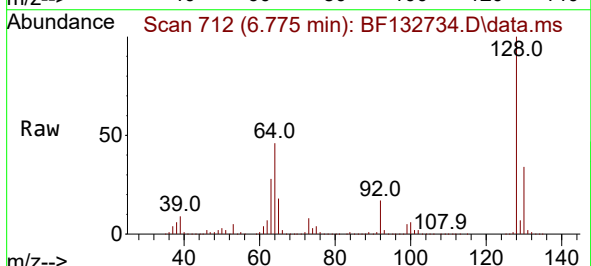
Tgt Ion: 99 Resp: 1958144
Ion Ratio Lower Upper
99 100
42 15.0 13.9 20.9
71 34.1 28.5 42.7

Manual Integrations
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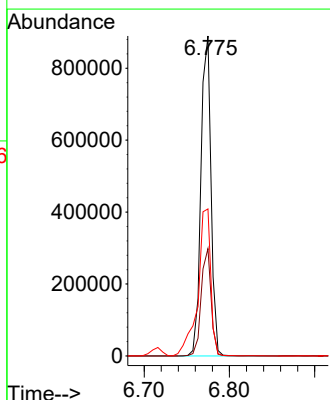
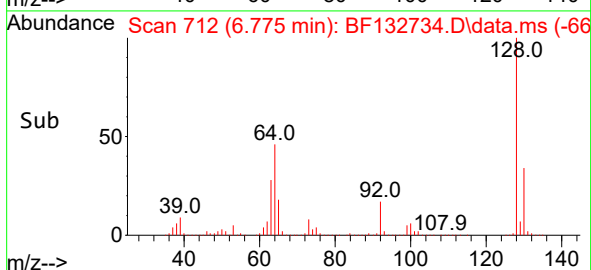
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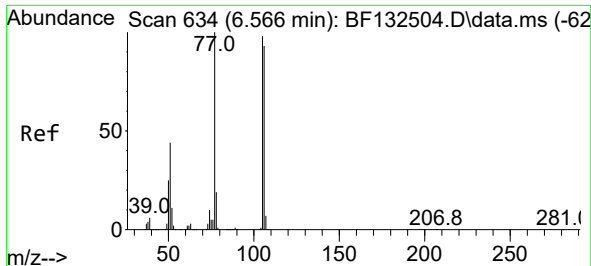


#8
2-Chlorophenol
Concen: 43.315 ng
RT: 6.775 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:128 Resp: 731472
Ion Ratio Lower Upper
128 100
130 33.5 12.1 52.1
64 46.0 32.0 72.0





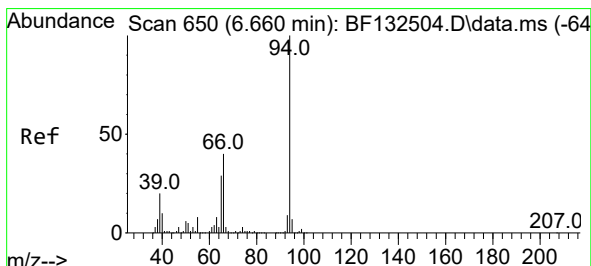
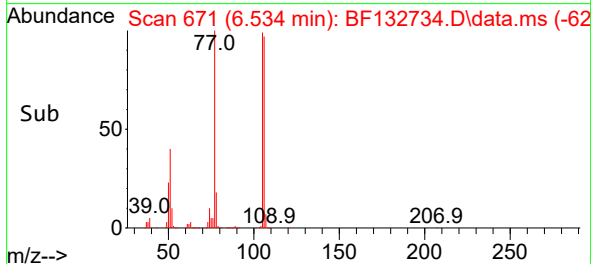
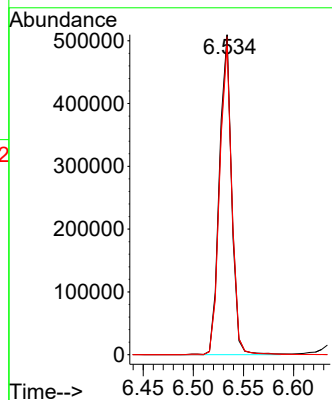
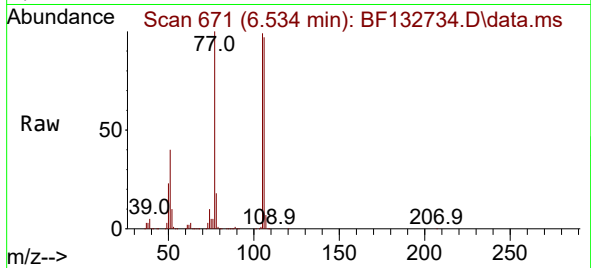
#9
Benzaldehyde
Concen: 37.380 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Tgt Ion: 77 Resp: 428324
Ion Ratio Lower Upper
77 100
105 99.4 77.9 117.9
106 96.6 73.4 113.4

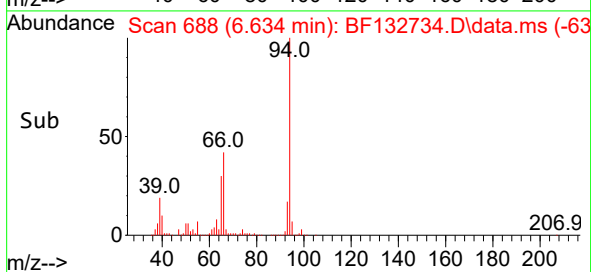
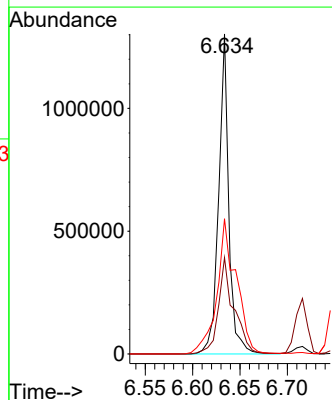
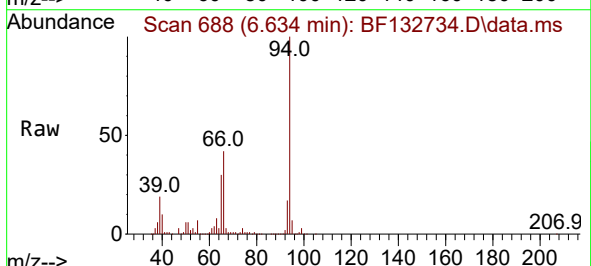
Manual Integrations
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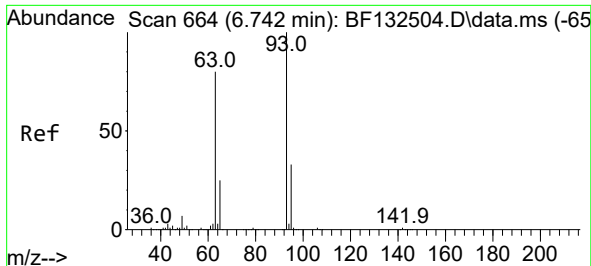
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Phenol
Concen: 39.877 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

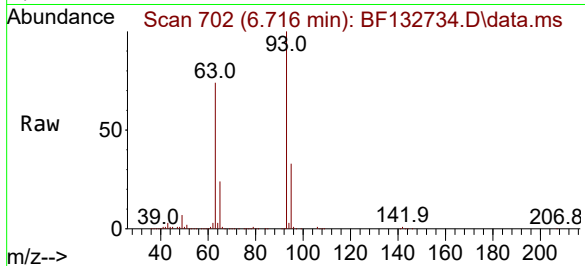
Tgt Ion: 94 Resp: 970836
Ion Ratio Lower Upper
94 100
65 30.1 9.4 49.4
66 42.2 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 43.589 ng
RT: 6.716 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

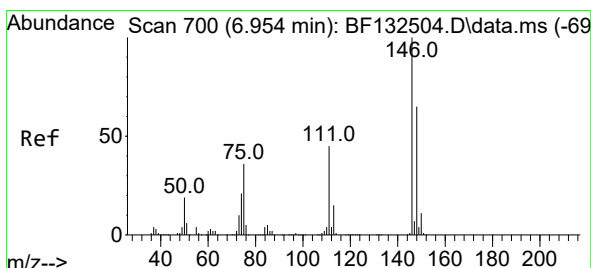
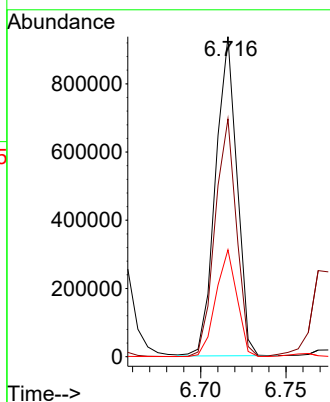
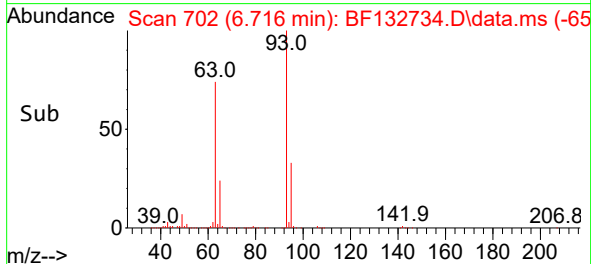
Instrument :
BNA_F
ClientSampleId :
PB151329BS



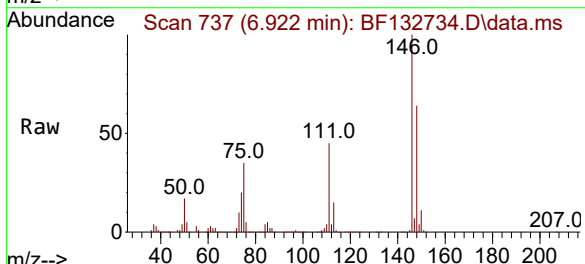
Tgt Ion: 93 Resp: 819220
Ion Ratio Lower Upper
93 100
63 74.3 59.6 99.6
95 33.4 12.8 52.8

Manual Integrations
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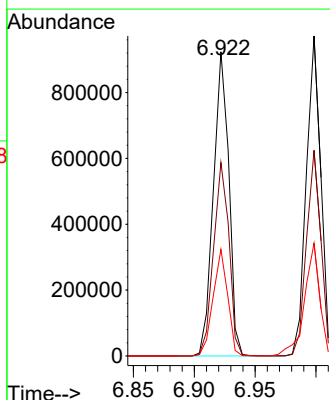
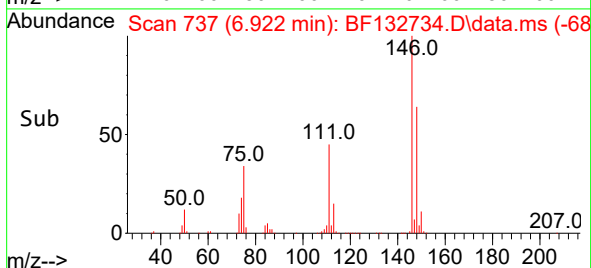
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

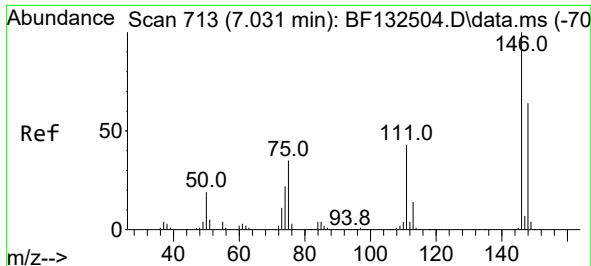


#12
1,3-Dichlorobenzene
Concen: 44.883 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:146 Resp: 813382
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 35.0 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 44.464 ng

RT: 6.998 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion:146 Resp: 80460

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

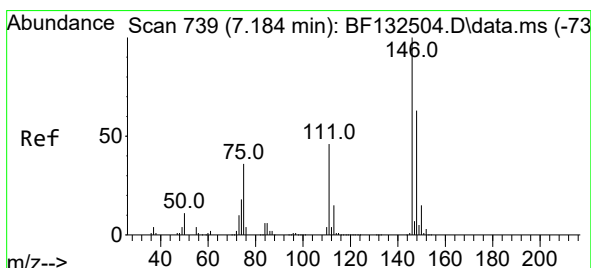
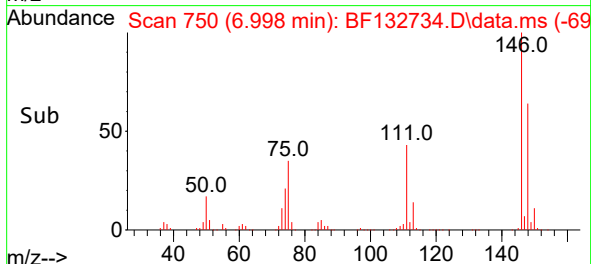
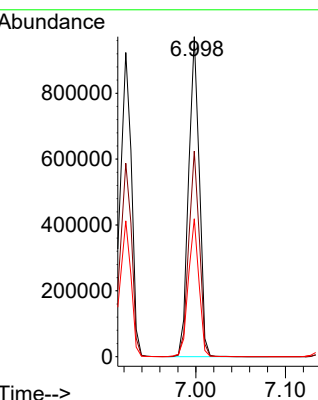
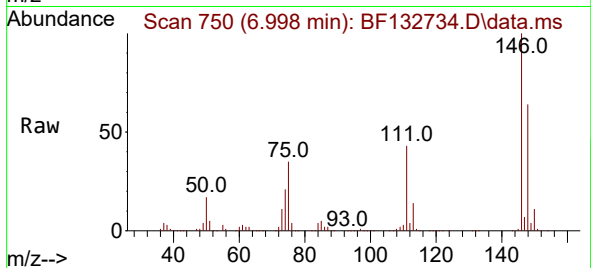
111 43.1 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#14

1,2-Dichlorobenzene

Concen: 41.876 ng

RT: 7.151 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

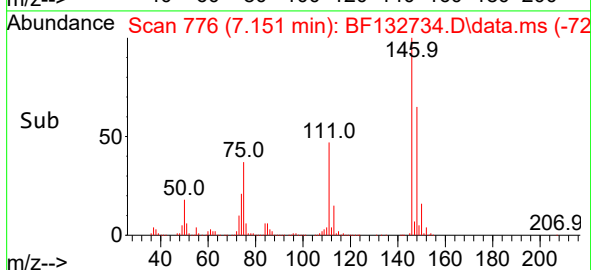
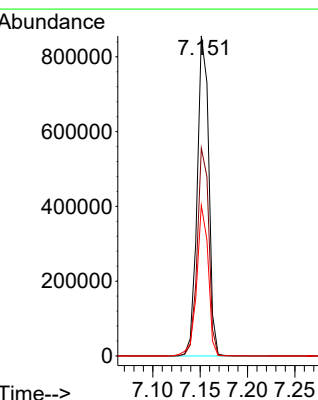
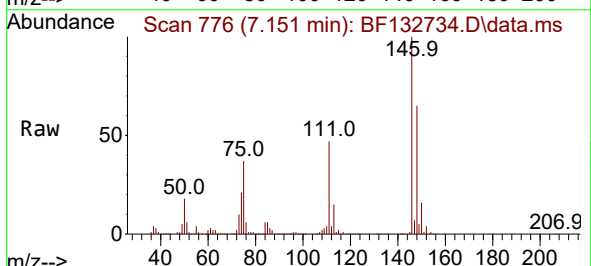
Tgt Ion:146 Resp: 727240

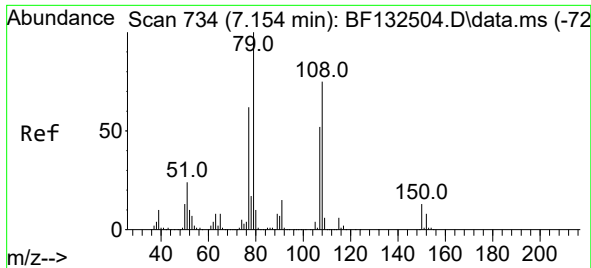
Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

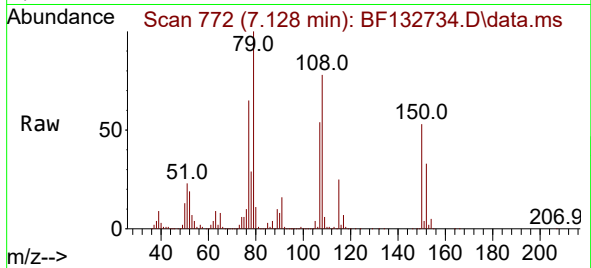
111 47.1 37.2 55.8





#15
Benzyl Alcohol
Concen: 40.736 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

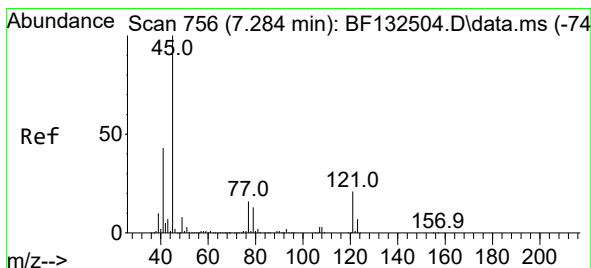
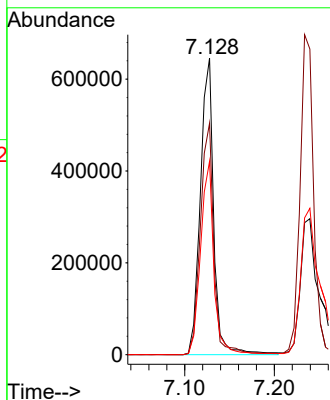
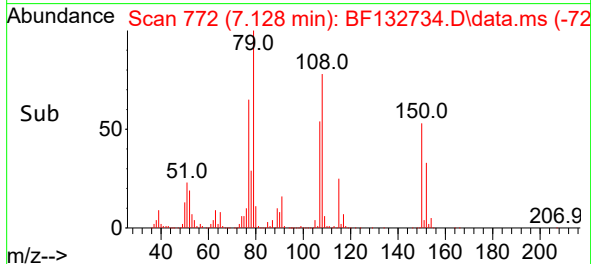
Instrument :
BNA_F
ClientSampleId :
PB151329BS



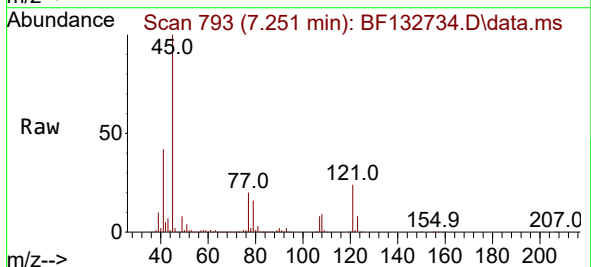
Tgt Ion: 79 Resp: 66620
Ion Ratio Lower Upper
79 100
108 78.0 60.2 90.4
77 65.2 49.9 74.9

Manual Integrations
APPROVED

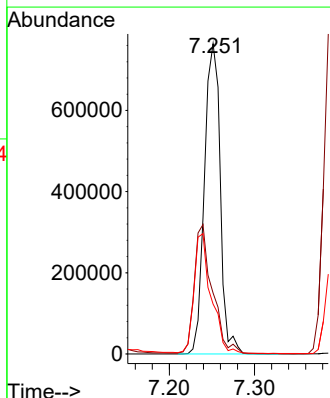
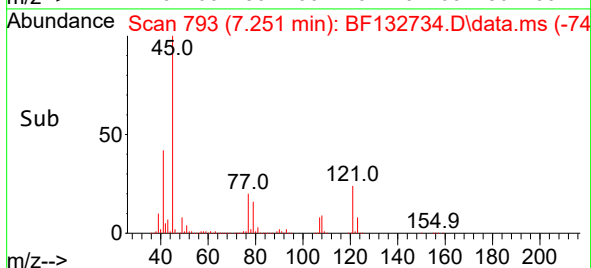
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

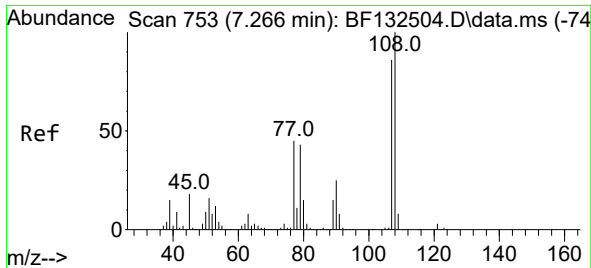


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.093 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



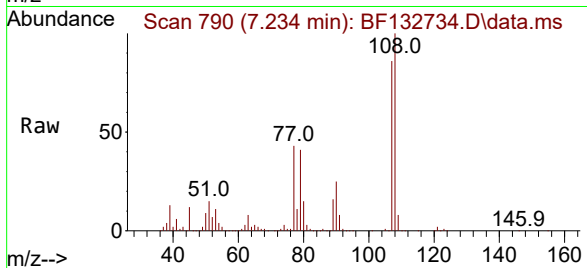
Tgt Ion: 45 Resp: 984878
Ion Ratio Lower Upper
45 100
77 19.6 0.0 36.4
79 16.1 0.0 33.4





#17
2-Methylphenol
Concen: 39.461 ng
RT: 7.234 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

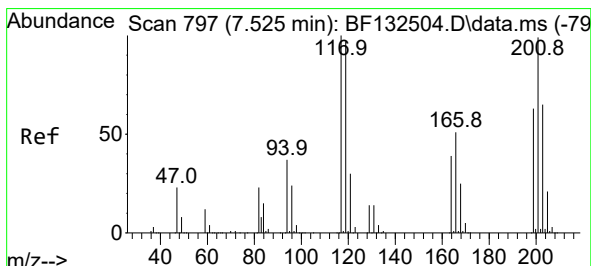
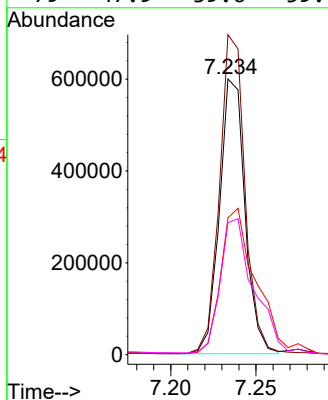
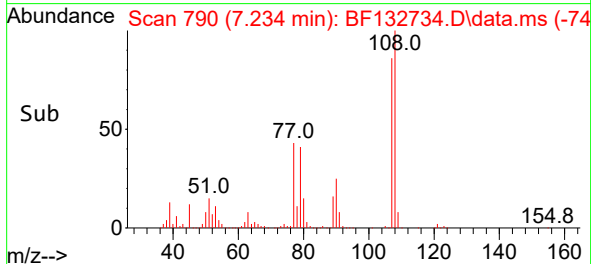
Instrument :
BNA_F
ClientSampleId :
PB151329BS



Tgt Ion:107 Resp: 62193
Ion Ratio Lower Upper
107 100
108 116.1 93.0 139.4
77 49.7 42.1 63.1
79 47.9 39.6 59.4

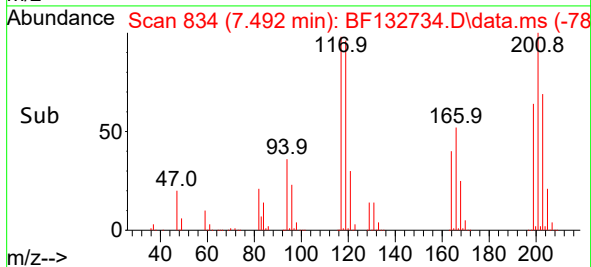
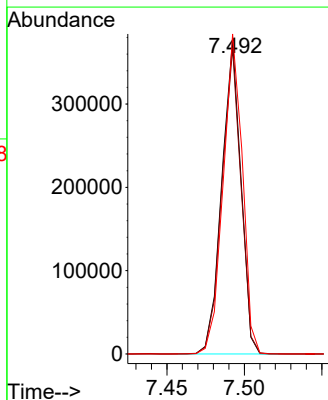
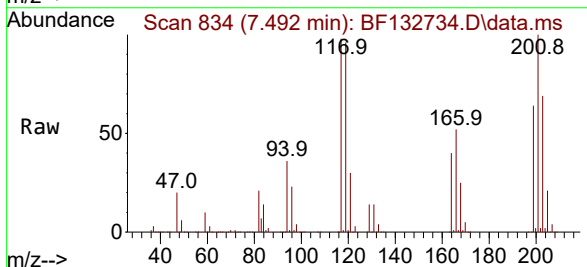
Manual Integrations
APPROVED

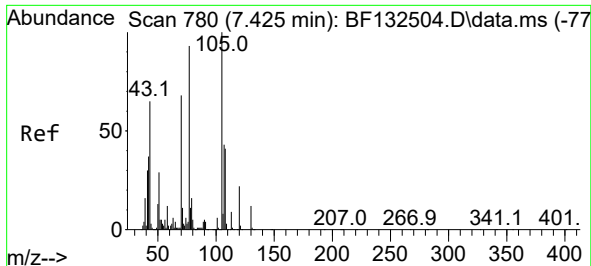
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#18
Hexachloroethane
Concen: 45.594 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

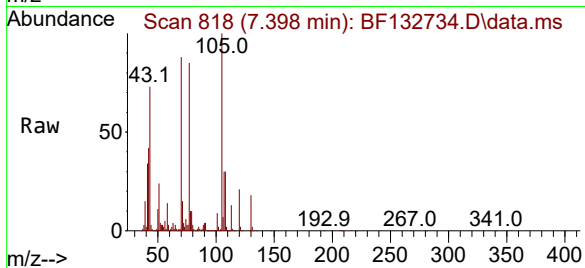
Tgt Ion:117 Resp: 322330
Ion Ratio Lower Upper
117 100
119 97.1 78.0 117.0
201 101.7 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.350 ng
RT: 7.398 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

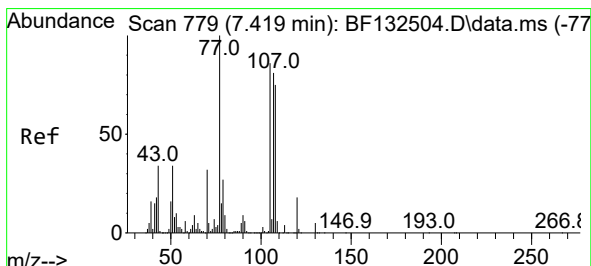
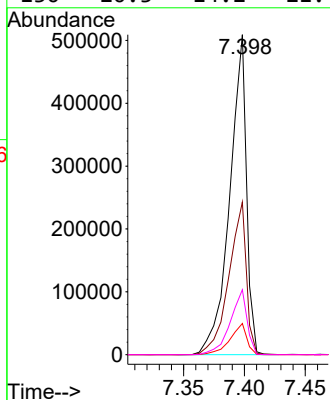
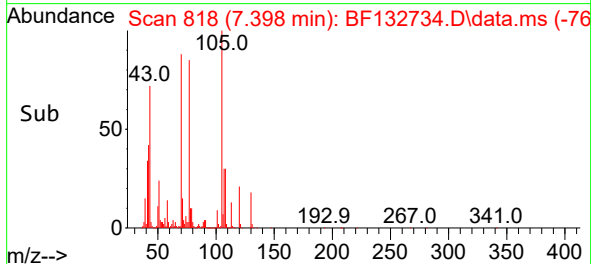
Instrument :
BNA_F
ClientSampleId :
PB151329BS



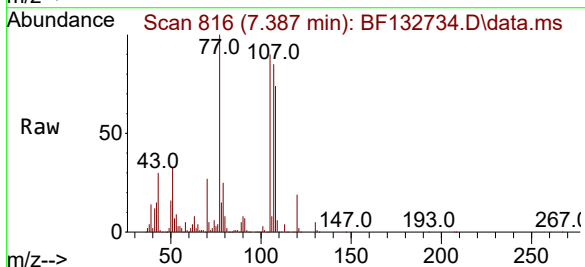
Tgt Ion: 70 Resp: 488130
Ion Ratio Lower Upper
70 100
42 47.7 44.1 66.1
101 9.8 7.4 11.2
130 20.3 14.2 21.4

Manual Integrations
APPROVED

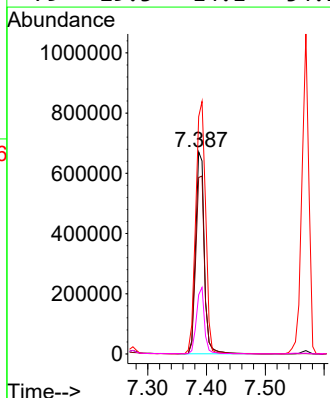
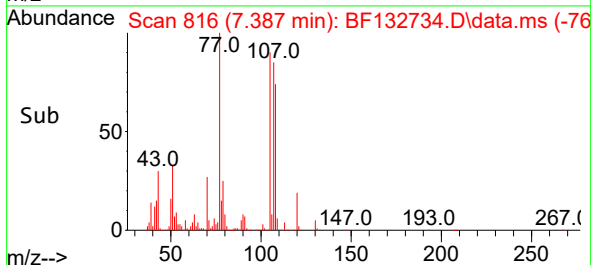
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

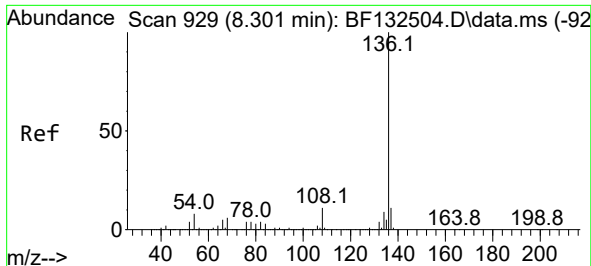


#20
3+4-Methylphenols
Concen: 33.756 ng
RT: 7.387 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:107 Resp: 687329
Ion Ratio Lower Upper
107 100
108 87.3 72.6 112.6
77 117.5 104.0 144.0
79 29.3 14.1 54.1





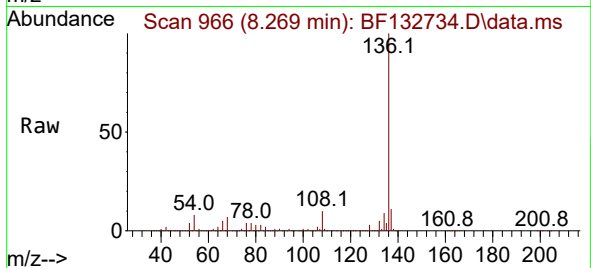
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

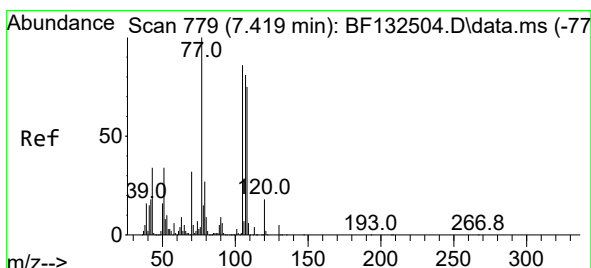
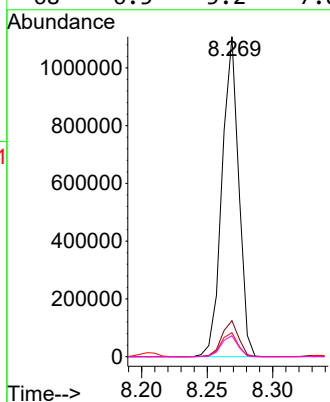
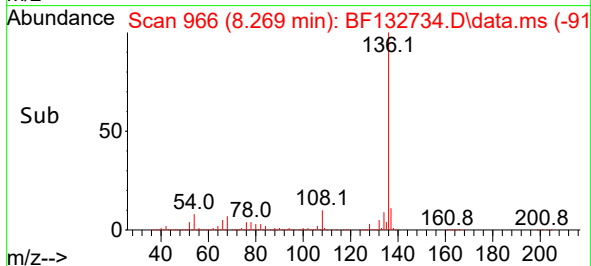
PB151329BS



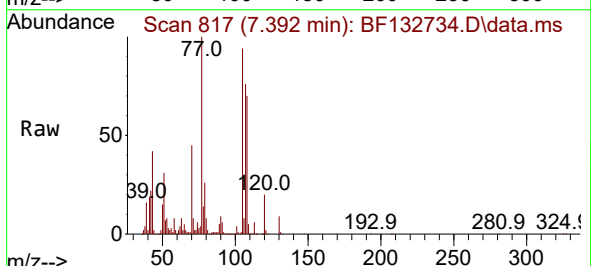
Tgt Ion:136 Resp: 97880
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.2 9.4
68 6.5 5.2 7.8

Manual Integrations
APPROVED

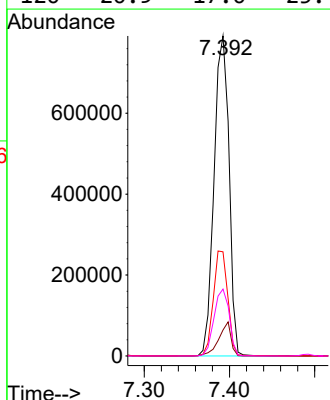
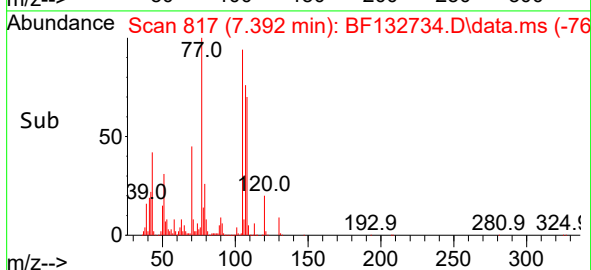
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

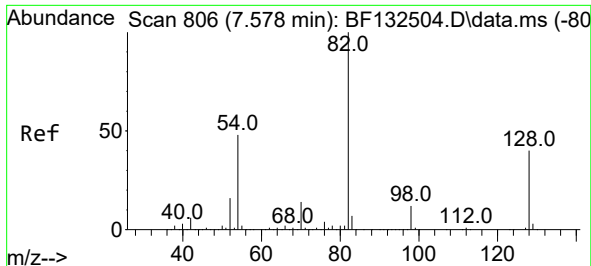


#22
Acetophenone
Concen: 39.046 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:105 Resp: 963692
Ion Ratio Lower Upper
105 100
71 8.1 5.0 7.4#
51 32.6 31.5 47.3
120 20.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 63.090 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion: 82 Resp: 1301574

Ion Ratio Lower Upper

82 100

128 43.0 32.2 48.2

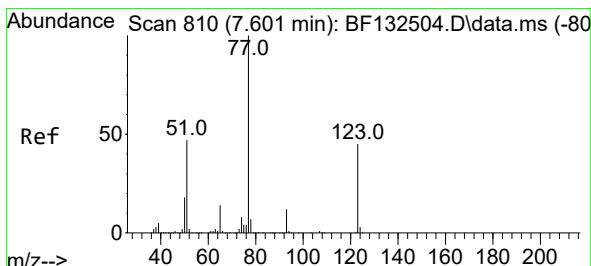
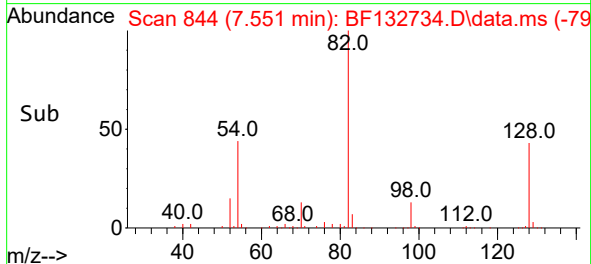
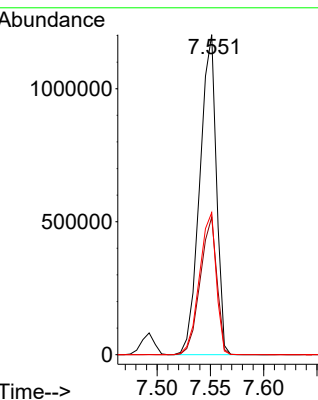
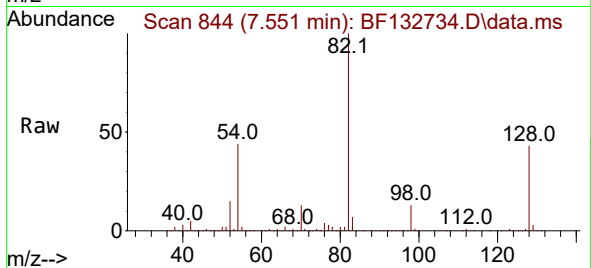
54 44.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#24

Nitrobenzene

Concen: 39.427 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

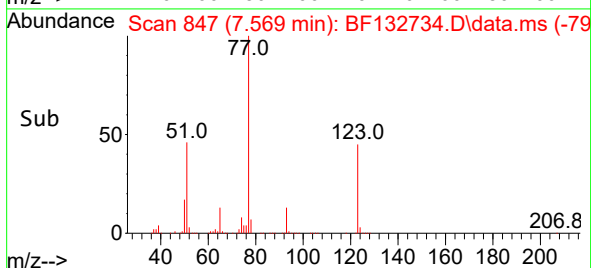
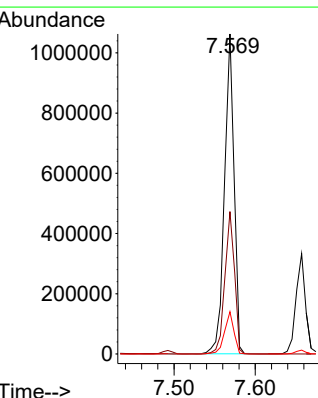
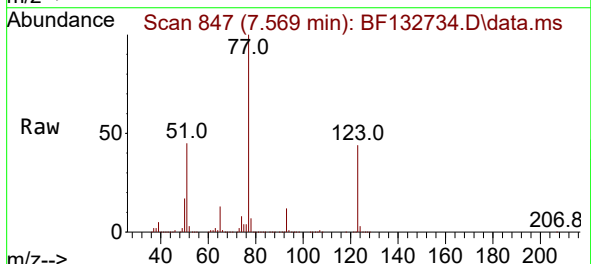
Tgt Ion: 77 Resp: 869917

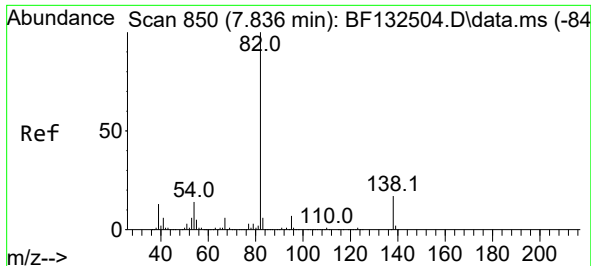
Ion Ratio Lower Upper

77 100

123 44.5 35.8 53.6

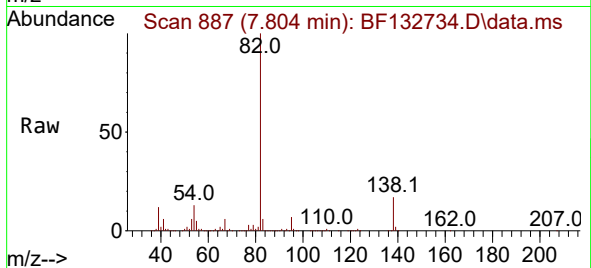
65 13.2 10.9 16.3





#25
Isophorone
Concen: 41.379 ng
RT: 7.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

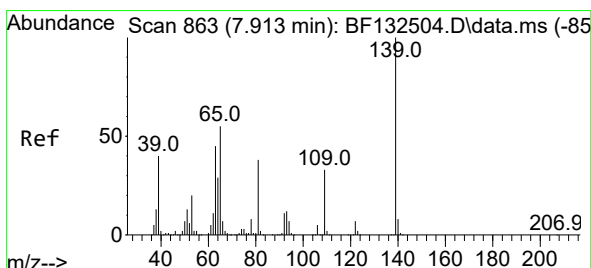
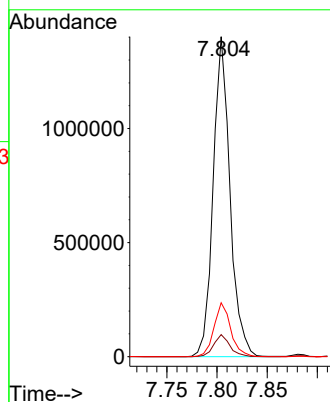
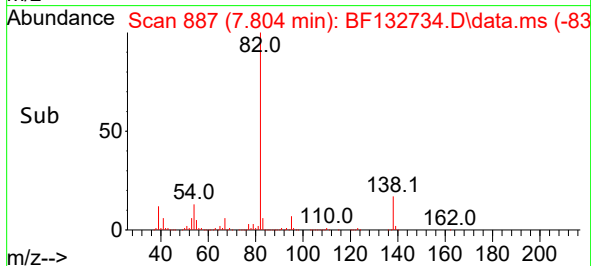
Instrument :
BNA_F
ClientSampleId :
PB151329BS



Tgt Ion: 82 Resp: 163667
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.9 13.3 19.9

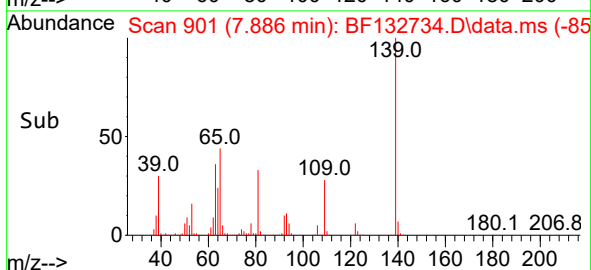
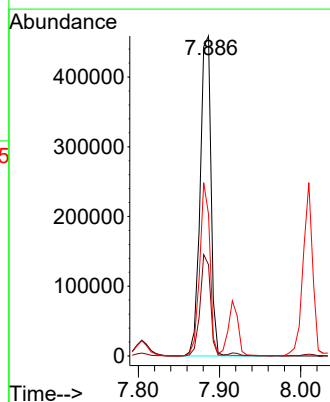
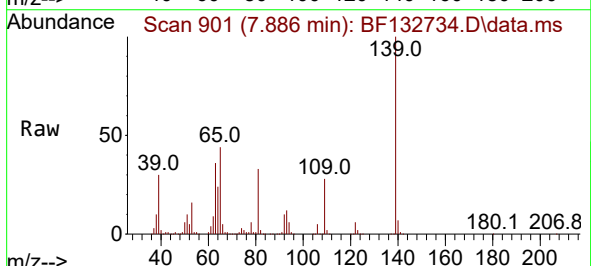
Manual Integrations
APPROVED

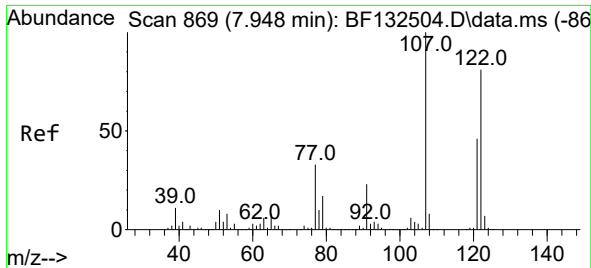
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#26
2-Nitrophenol
Concen: 43.970 ng
RT: 7.886 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:139 Resp: 428051
Ion Ratio Lower Upper
139 100
109 28.5 26.2 39.2
65 44.3 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 42.154 ng
RT: 7.916 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

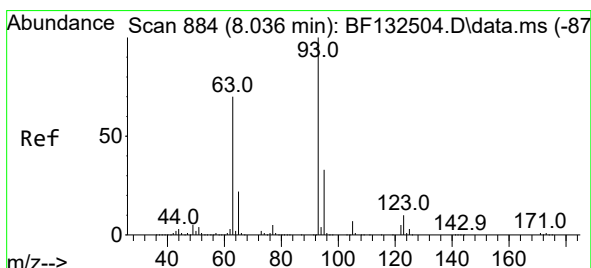
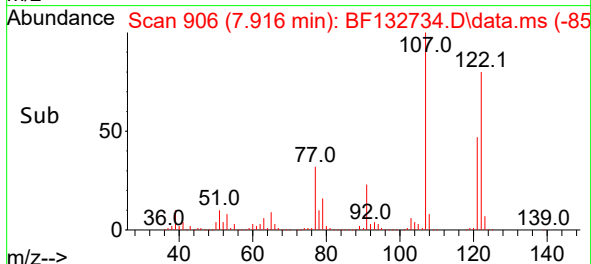
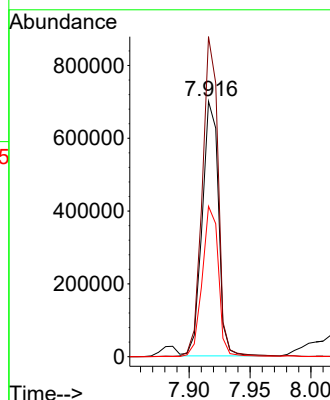
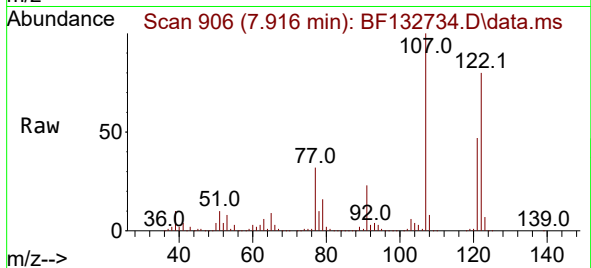
PB151329BS

Tgt Ion:122 Resp: 64769
Ion Ratio Lower Upper
122 100
107 125.3 98.7 148.1
121 58.9 45.8 68.6

Manual Integrations

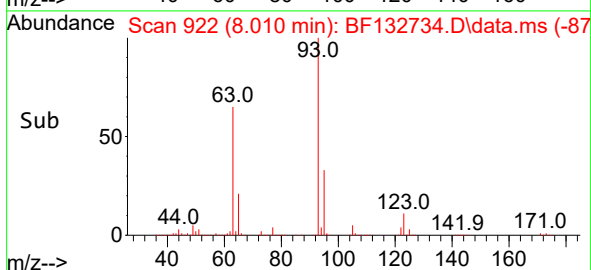
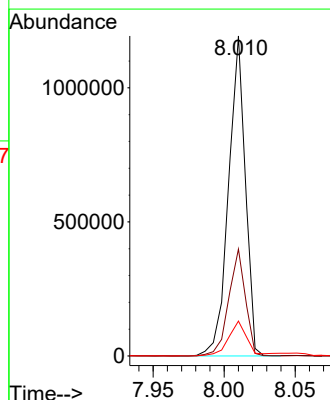
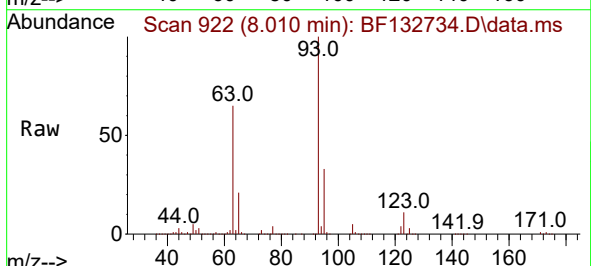
APPROVED

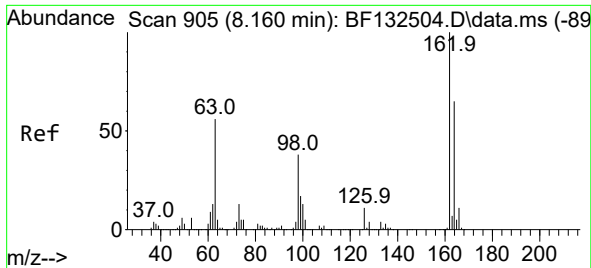
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.553 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion: 93 Resp: 984595
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 10.9 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.505 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

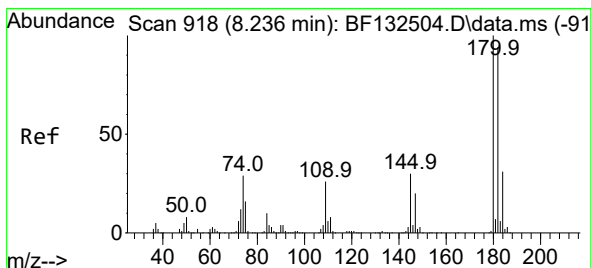
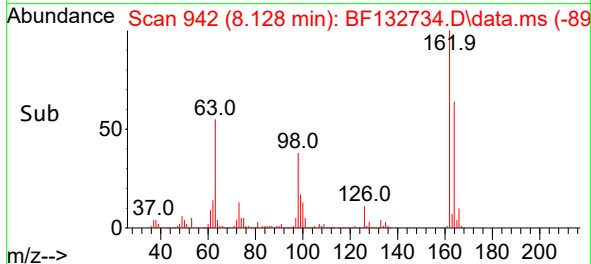
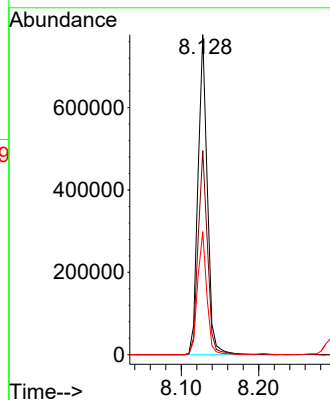
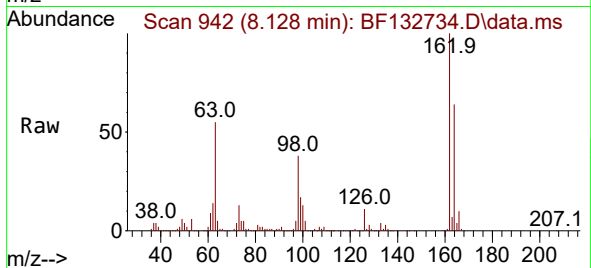
PB151329BS

Tgt Ion:162 Resp: 64965
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.3 85.3
 98 38.5 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.224 ng

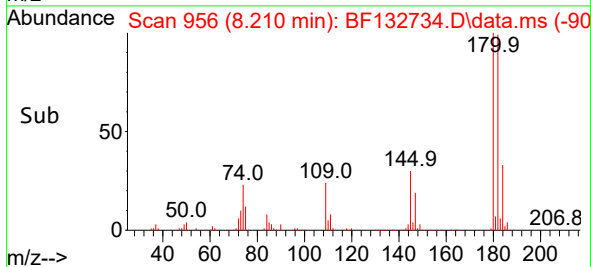
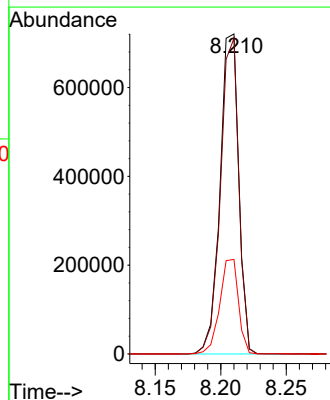
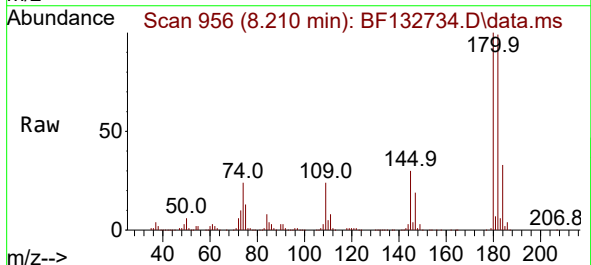
RT: 8.210 min Scan# 956

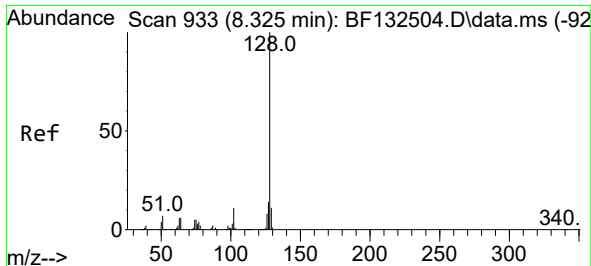
Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

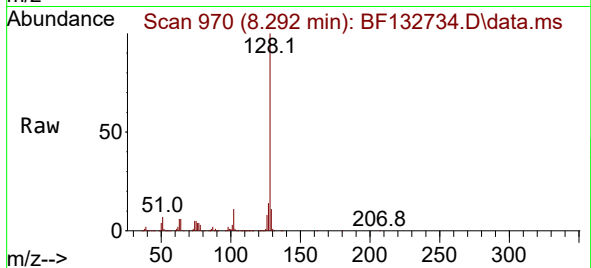
Tgt Ion:180 Resp: 717362
 Ion Ratio Lower Upper
 180 100
 182 98.6 75.1 112.7
 145 29.5 23.8 35.6





#31
Naphthalene
Concen: 40.202 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

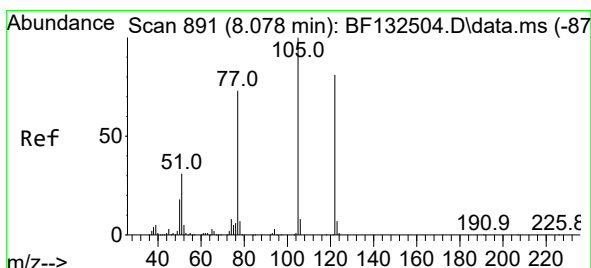
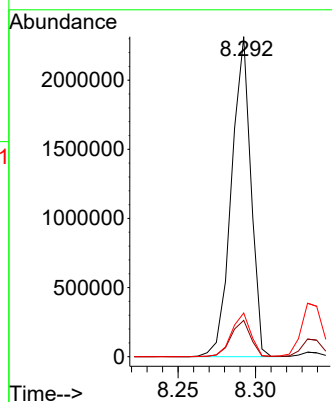
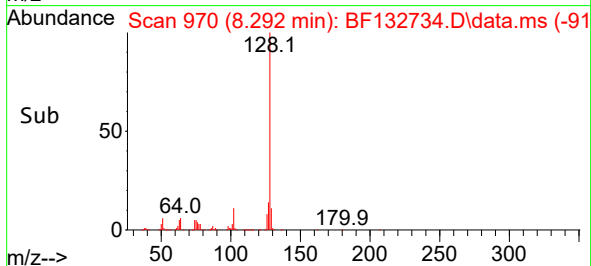
Instrument :
BNA_F
ClientSampleId :
PB151329BS



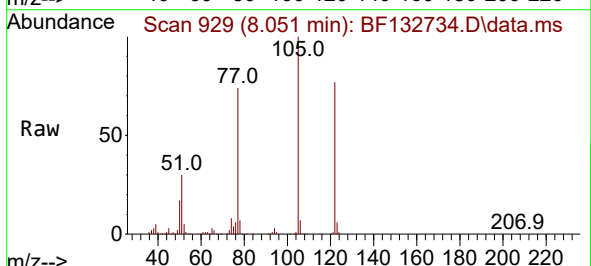
Tgt Ion:128 Resp: 201444
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.7 11.0 16.6

Manual Integrations
APPROVED

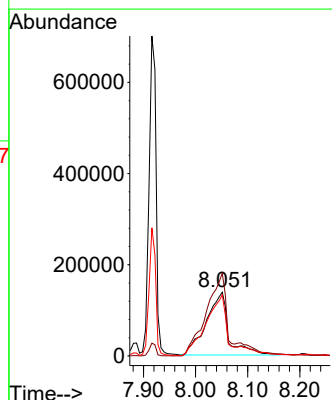
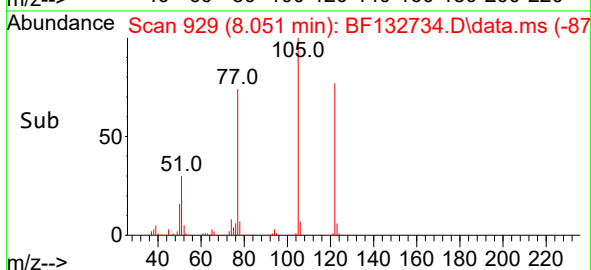
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

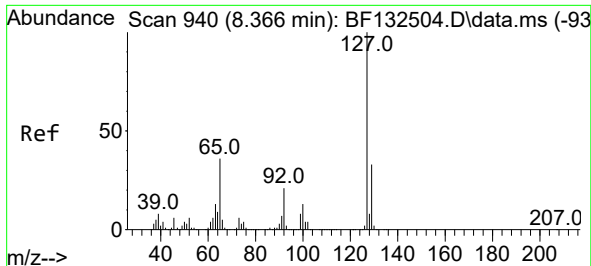


#32
Benzoic acid
Concen: 35.134 ng m
RT: 8.051 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:122 Resp: 411867
Ion Ratio Lower Upper
122 100
105 129.9 102.6 142.6
77 96.1 70.2 110.2





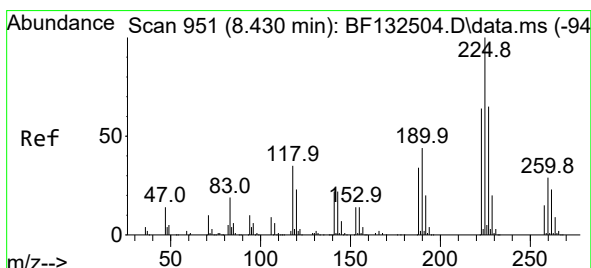
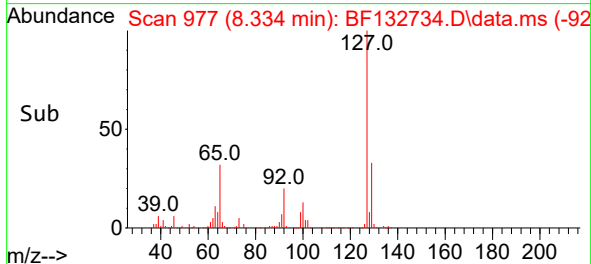
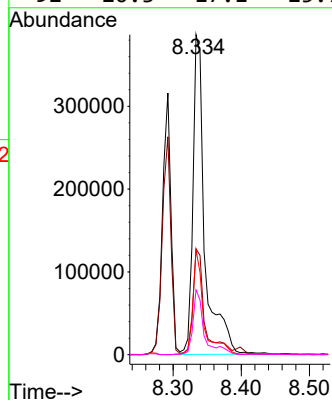
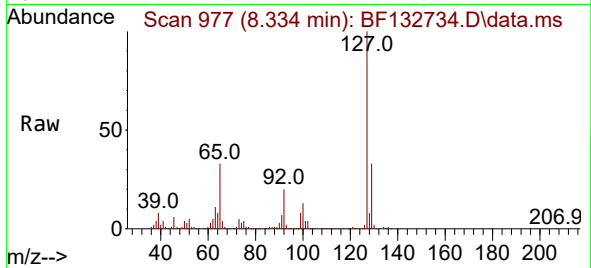
#33
4-Chloroaniline
Concen: 21.916 ng
RT: 8.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Tgt Ion:	127	Resp:	47060
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.4	39.6
65	32.8	28.8	43.2
92	20.3	17.1	25.7

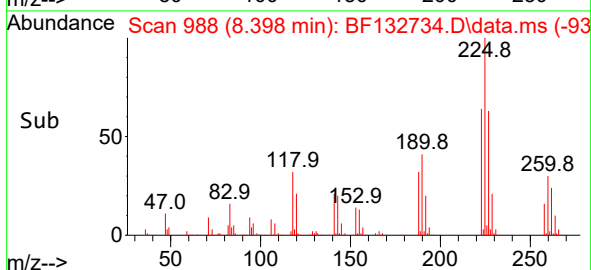
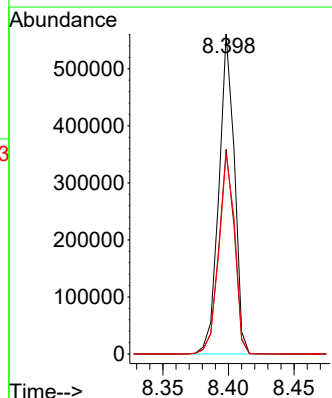
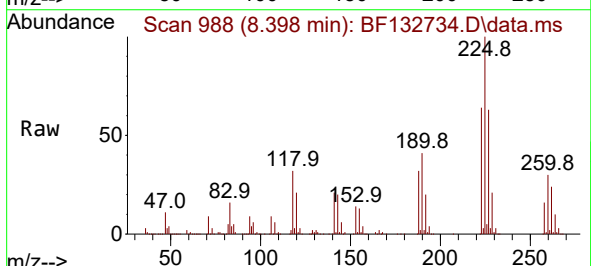
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#34
Hexachlorobutadiene
Concen: 43.533 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

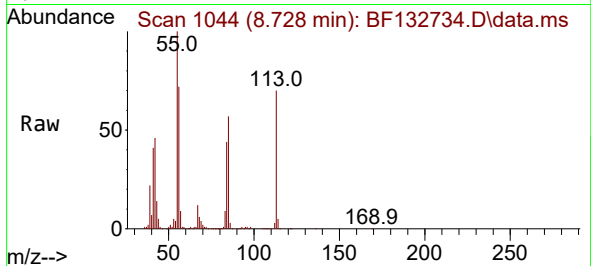
Tgt Ion:	225	Resp:	459110
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.0	76.4
227	62.5	51.7	77.5





#35
Caprolactam
Concen: 44.253 ng m
RT: 8.728 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

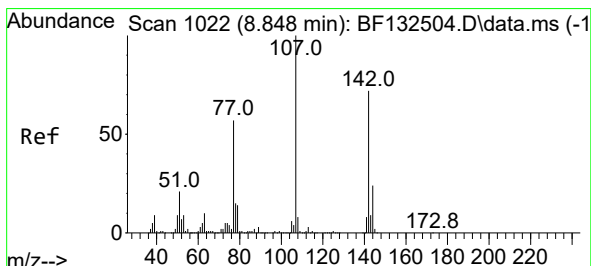
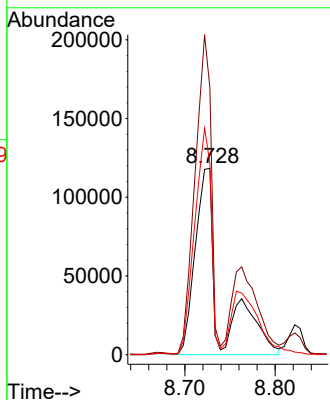
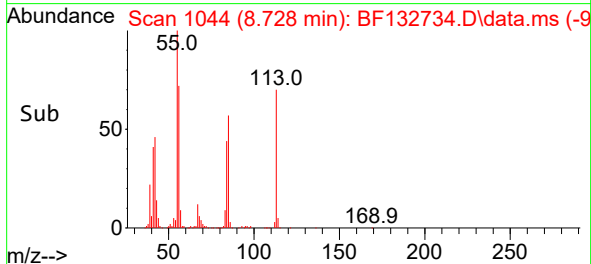
Instrument :
BNA_F
ClientSampleId :
PB151329BS



Tgt Ion:113 Resp: 222984
Ion Ratio Lower Upper
113 100
55 143.1 149.4 189.4
56 102.7 105.0 145.0

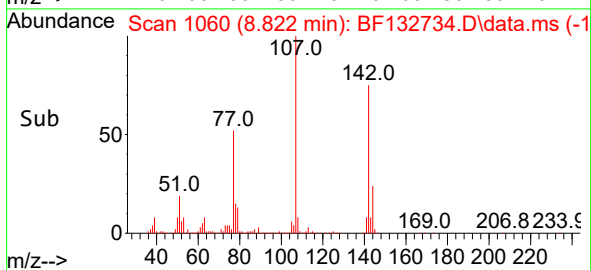
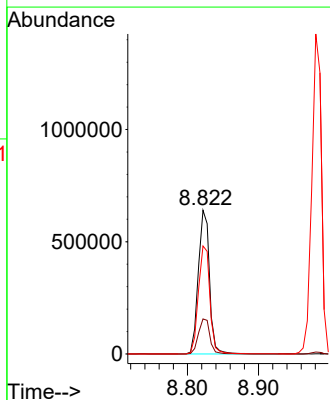
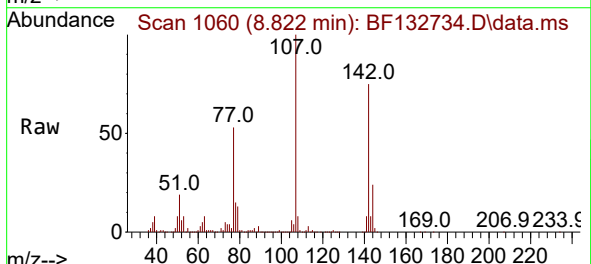
Manual Integrations
APPROVED

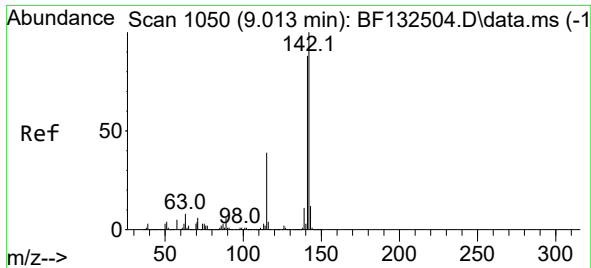
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#36
4-Chloro-3-methylphenol
Concen: 41.862 ng
RT: 8.822 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:107 Resp: 702666
Ion Ratio Lower Upper
107 100
144 24.4 18.9 28.3
142 75.2 57.9 86.9





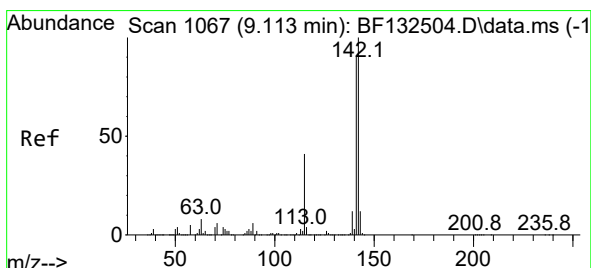
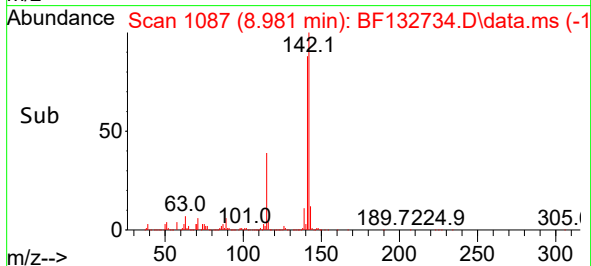
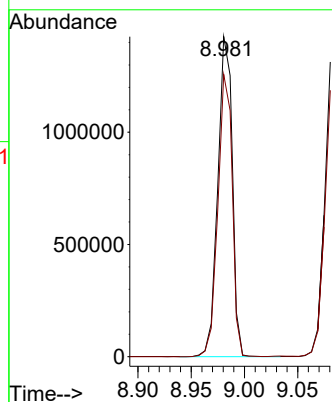
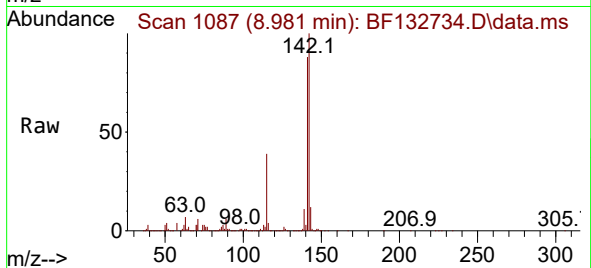
#37
2-Methylnaphthalene
Concen: 39.225 ng
RT: 8.981 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Tgt Ion:142 Resp: 133945
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.2

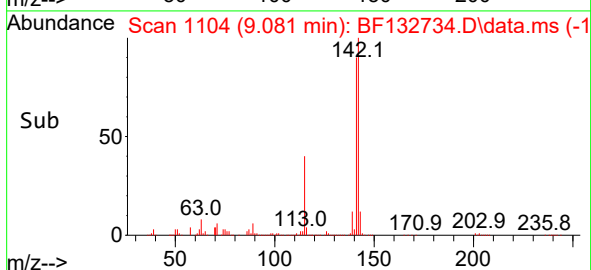
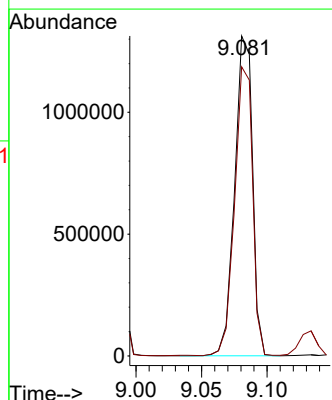
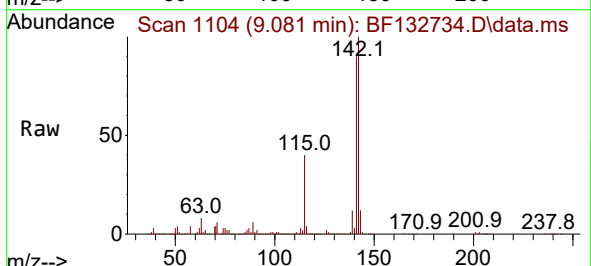
Manual Integrations
APPROVED

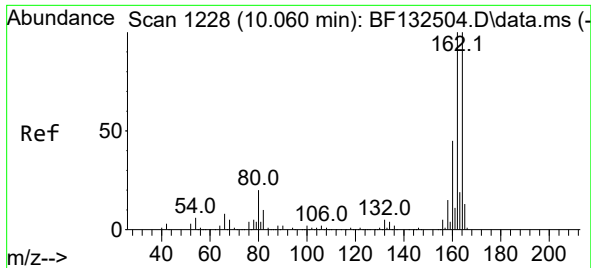
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#38
1-Methylnaphthalene
Concen: 39.033 ng
RT: 9.081 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:142 Resp: 1245682
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.6





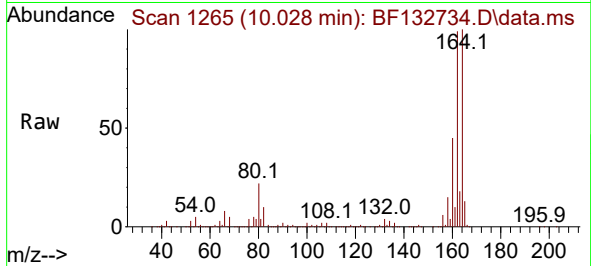
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

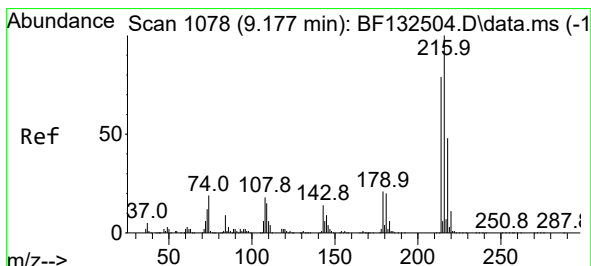
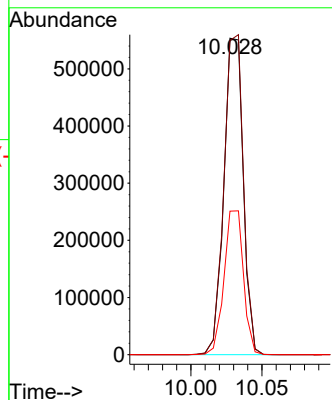
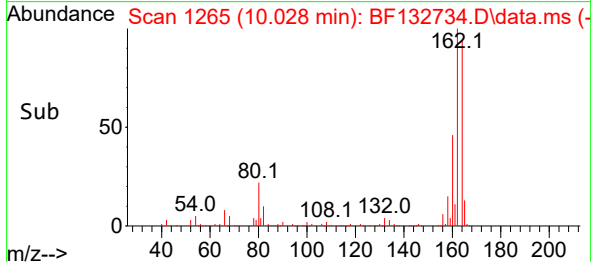


Tgt Ion:164 Resp: 524478
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 45.3 35.8 53.6

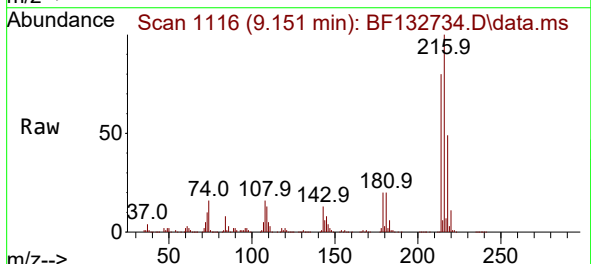
Manual Integrations

APPROVED

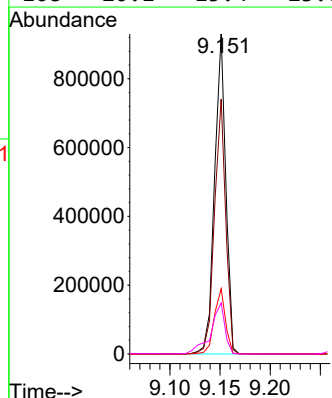
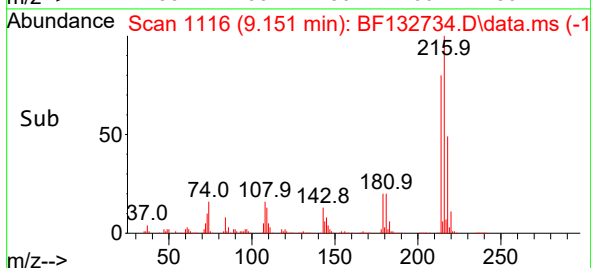
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

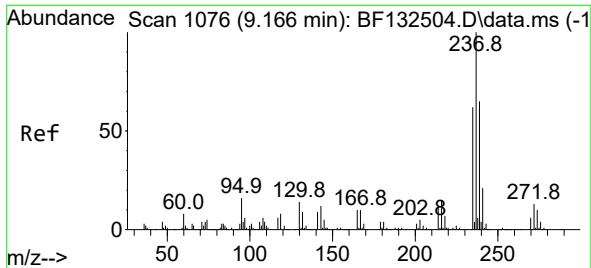


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.163 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



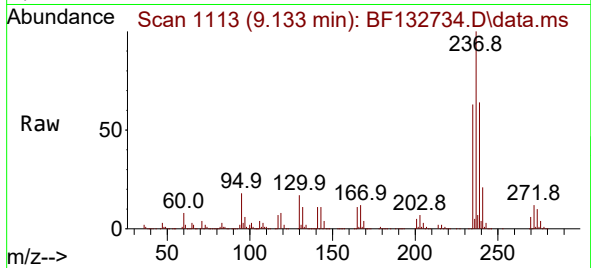
Tgt Ion:216 Resp: 723498
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 20.3 16.6 24.8
108 20.1 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 91.032 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

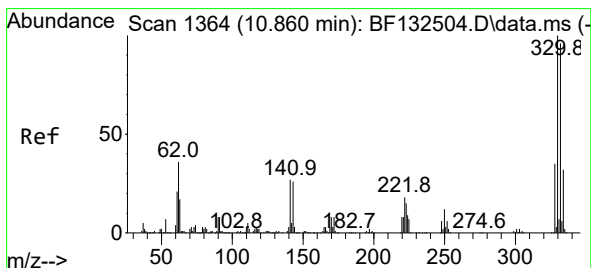
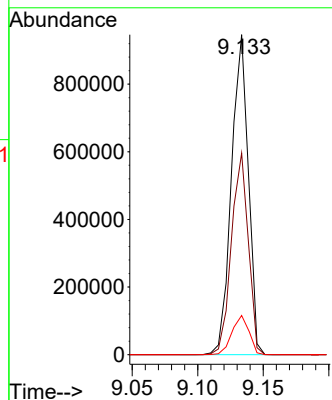
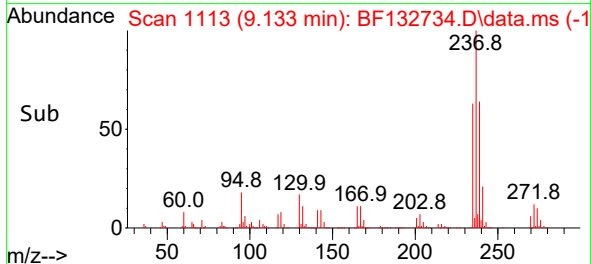
Instrument :
BNA_F
ClientSampleId :
PB151329BS



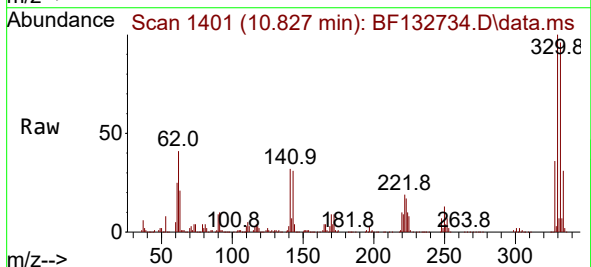
Tgt Ion: 237 Resp: 84726
Ion Ratio Lower Upper
237 100
235 63.0 42.4 82.4
272 12.2 0.0 32.7

Manual Integrations
APPROVED

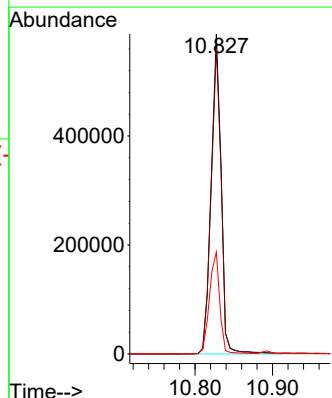
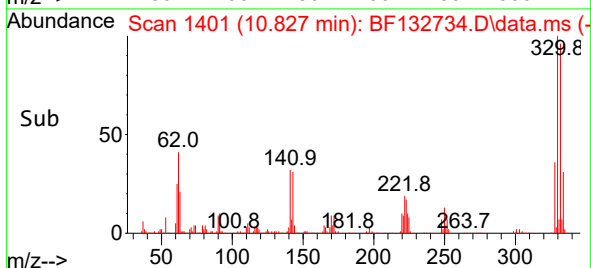
Reviewed By : Christian Giraldo 03/13/2023
Supervised By : Jagrut Upadhyay 03/13/2023

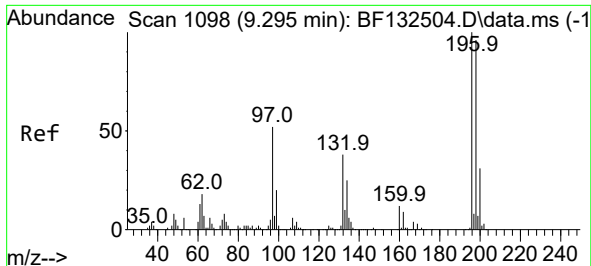


#42
2,4,6-Tribromophenol
Concen: 93.051 ng
RT: 10.827 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



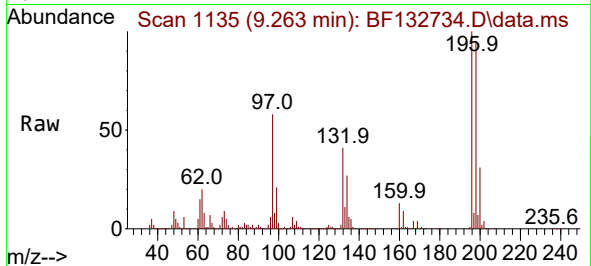
Tgt Ion: 330 Resp: 527056
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 32.9 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 40.864 ng
RT: 9.263 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

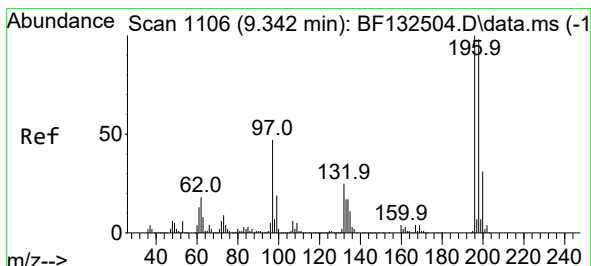
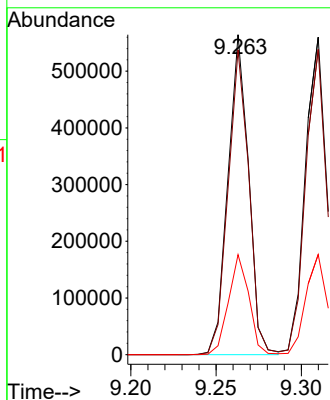
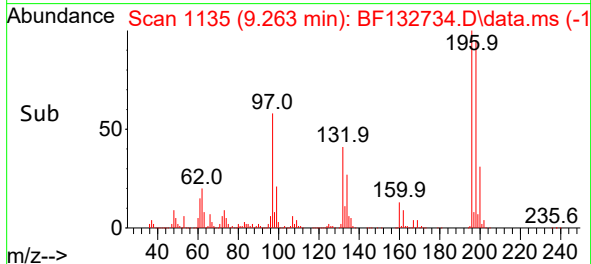
Instrument :
BNA_F
ClientSampleId :
PB151329BS



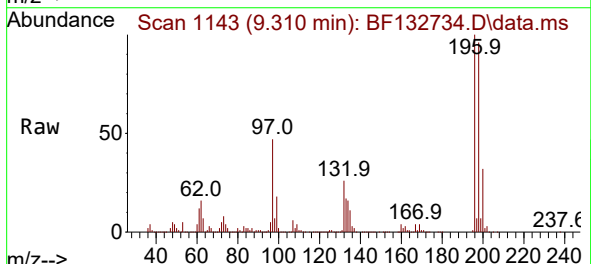
Tgt Ion:196 Resp: 47521
Ion Ratio Lower Upper
196 100
198 95.3 77.1 115.7
200 31.3 25.0 37.4

Manual Integrations
APPROVED

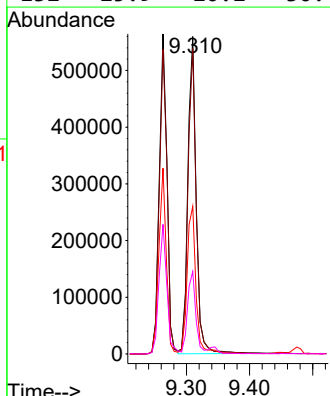
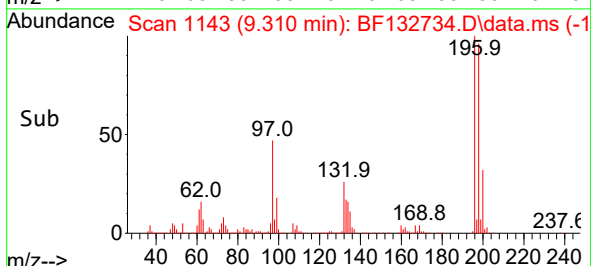
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

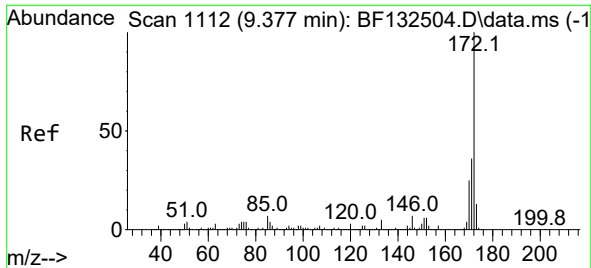


#44
2,4,5-Trichlorophenol
Concen: 38.195 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:196 Resp: 518404
Ion Ratio Lower Upper
196 100
198 96.2 78.3 117.5
97 46.5 38.1 57.1
132 25.9 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 60.385 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

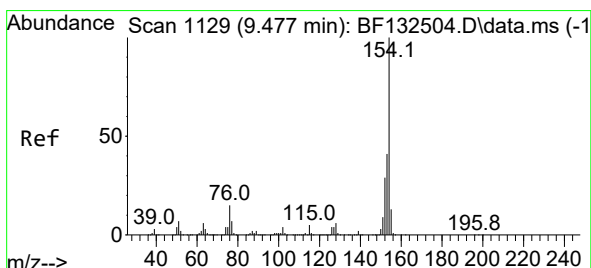
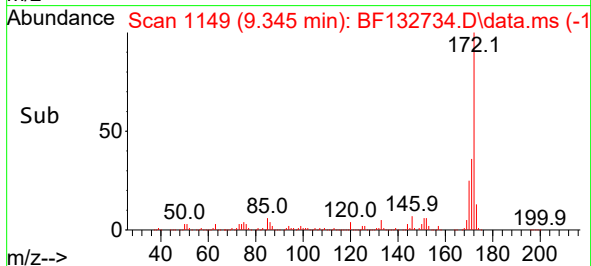
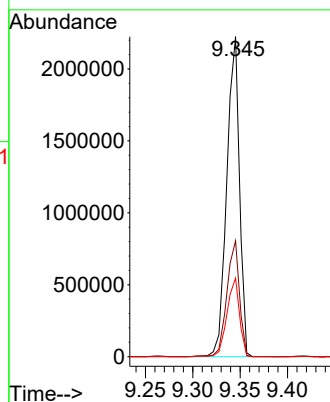
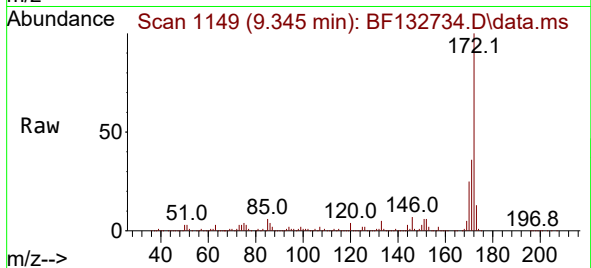
PB151329BS

Tgt Ion:172 Resp: 207995
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.7 29.5

Manual Integrations

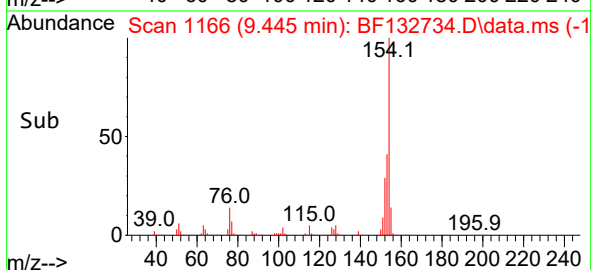
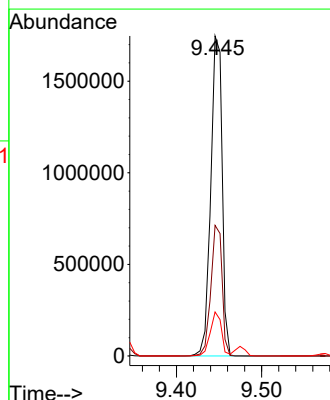
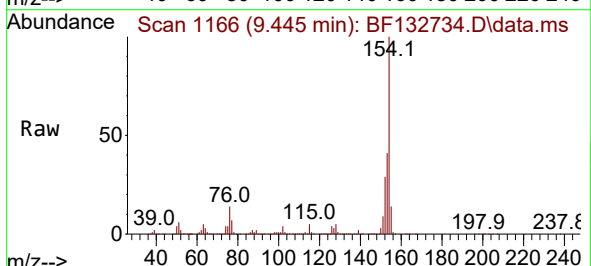
APPROVED

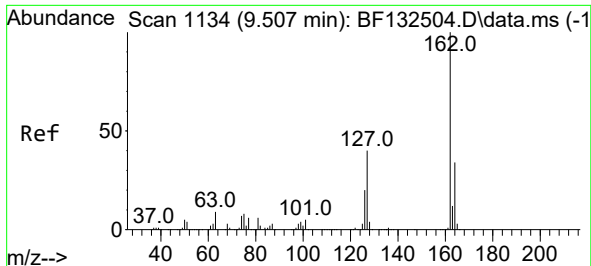
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#46
1,1'-Biphenyl
Concen: 40.829 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:154 Resp: 1620787
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 13.8 0.0 34.7





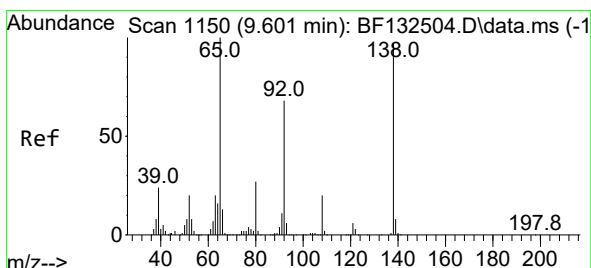
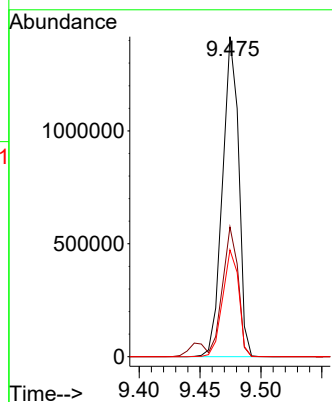
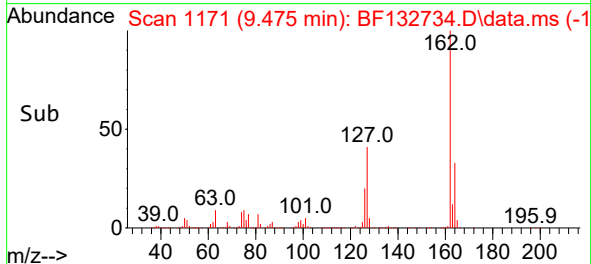
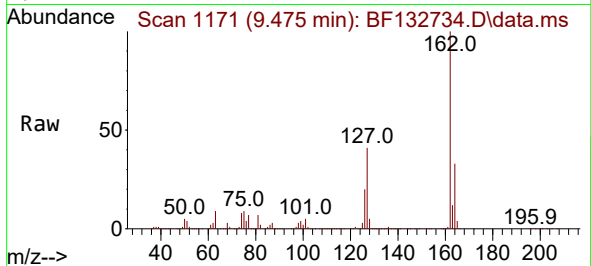
#47
2-Chloronaphthalene
Concen: 41.658 ng
RT: 9.475 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Tgt Ion:162 Resp: 1311130
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 33.3 26.9 40.3

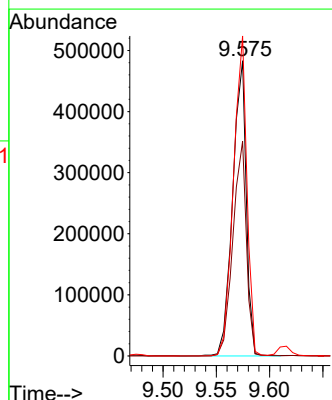
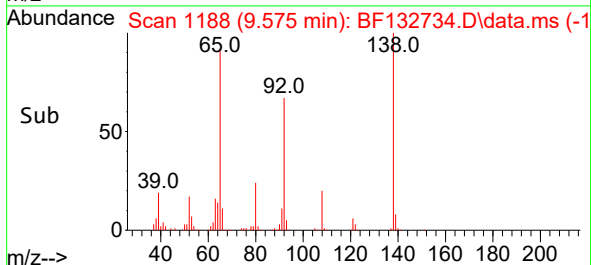
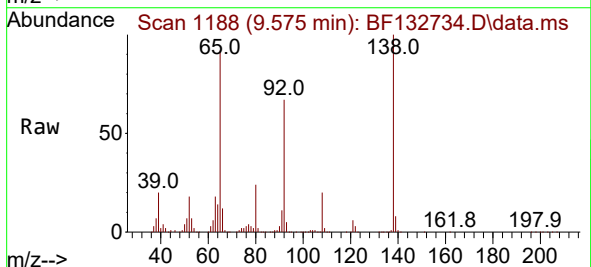
Manual Integrations
APPROVED

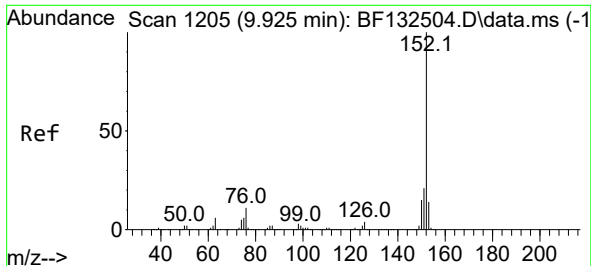
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#48
2-Nitroaniline
Concen: 37.070 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

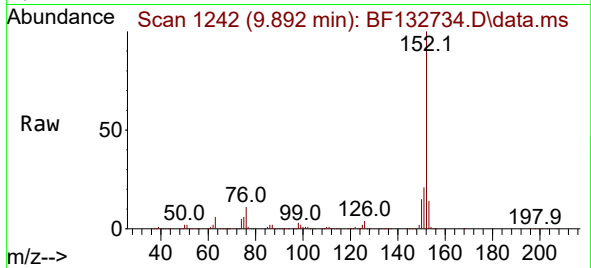
Tgt Ion: 65 Resp: 429712
Ion Ratio Lower Upper
65 100
92 72.8 54.5 81.7
138 108.4 77.2 115.8





#49
Acenaphthylene
Concen: 39.563 ng
RT: 9.892 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

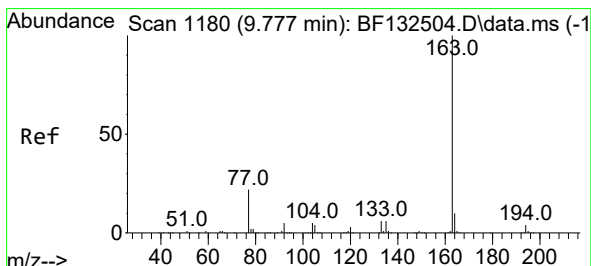
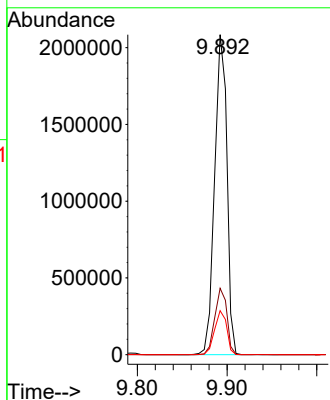
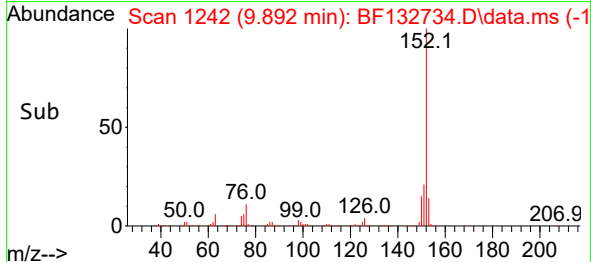
Instrument :
BNA_F
ClientSampleId :
PB151329BS



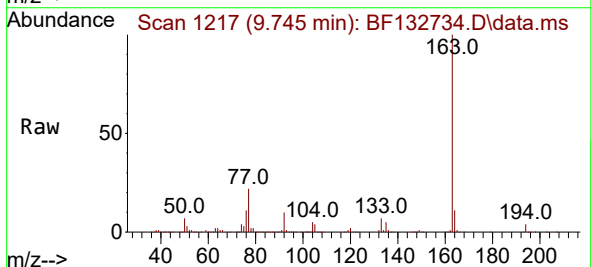
Tgt Ion:152 Resp: 1981758
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.7 11.0 16.6

Manual Integrations
APPROVED

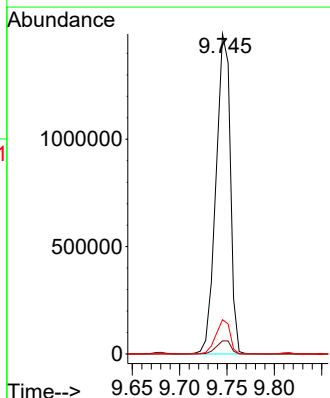
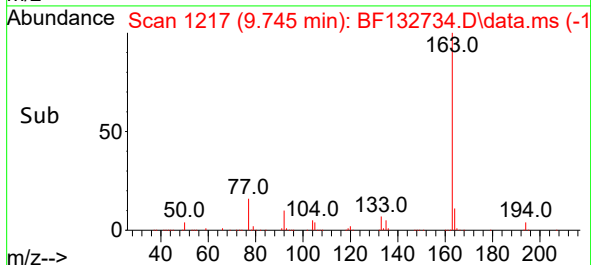
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

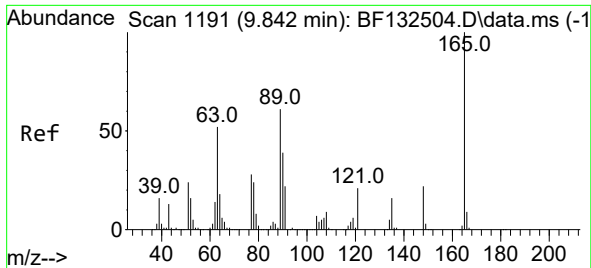


#50
Dimethylphthalate
Concen: 41.081 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



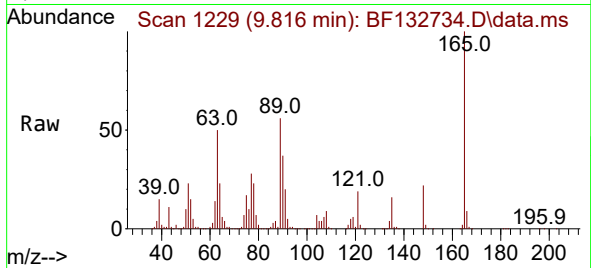
Tgt Ion:163 Resp: 1568843
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 40.831 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

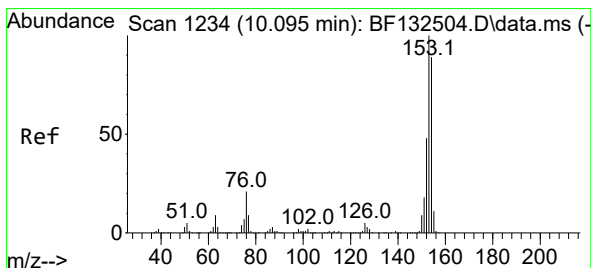
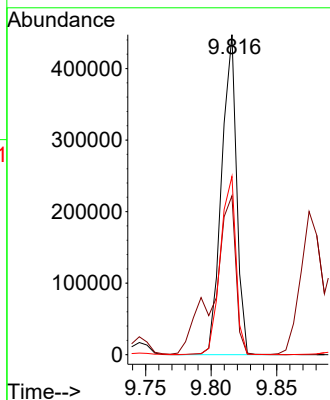
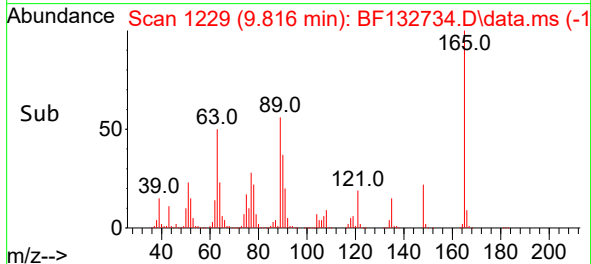
Instrument :
BNA_F
ClientSampleId :
PB151329BS



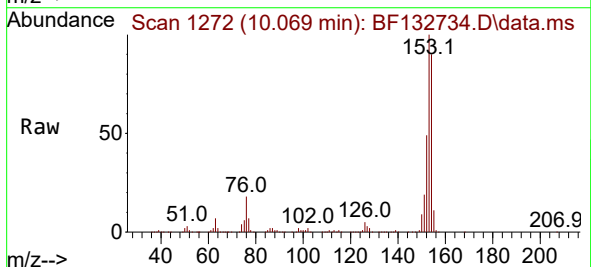
Tgt Ion:165 Resp: 355100
Ion Ratio Lower Upper
165 100
63 49.7 47.3 70.9
89 55.7 48.9 73.3

Manual Integrations
APPROVED

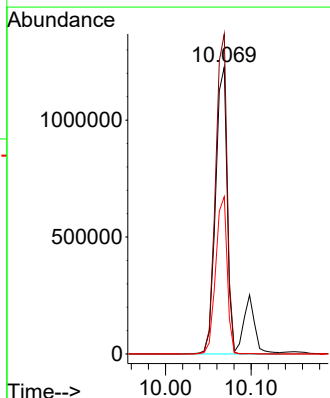
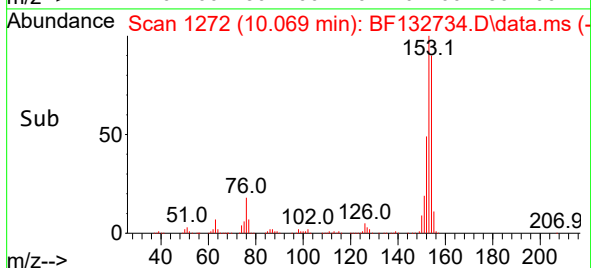
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

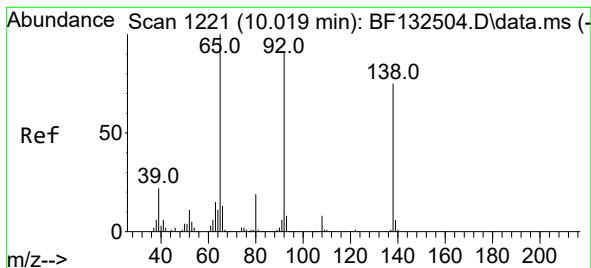


#52
Acenaphthene
Concen: 43.351 ng m
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:154 Resp: 1378855
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 54.8 43.3 64.9





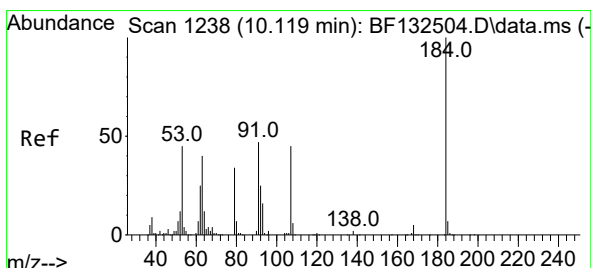
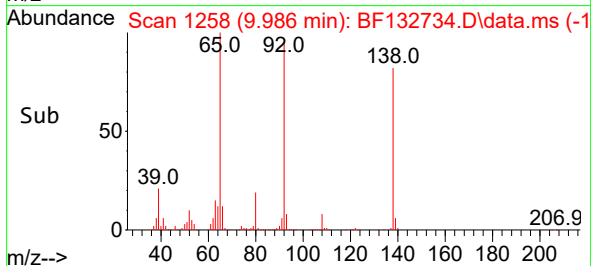
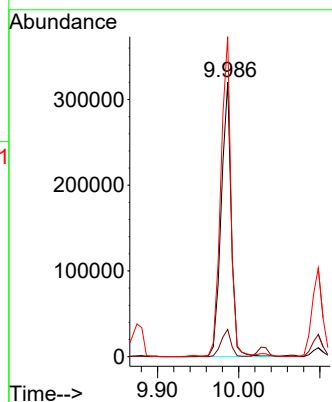
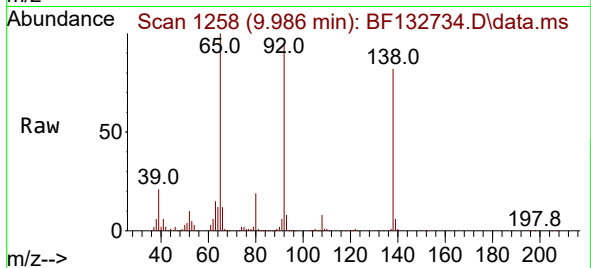
#53
3-Nitroaniline
Concen: 28.431 ng
RT: 9.986 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Tgt Ion:138 Resp: 276597
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 116.6 97.2 145.8

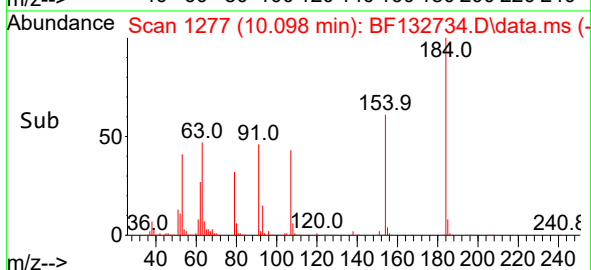
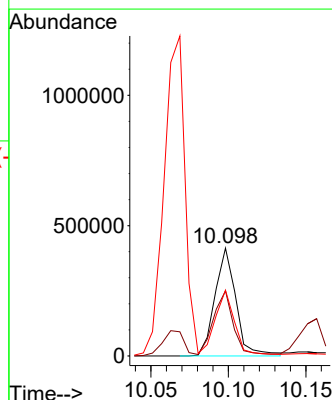
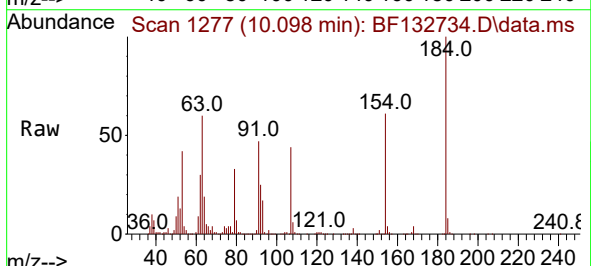
Manual Integrations
APPROVED

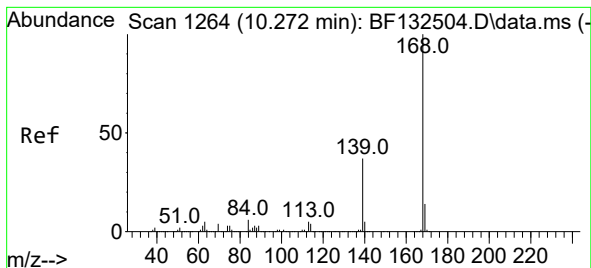
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#54
2,4-Dinitrophenol
Concen: 71.519 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

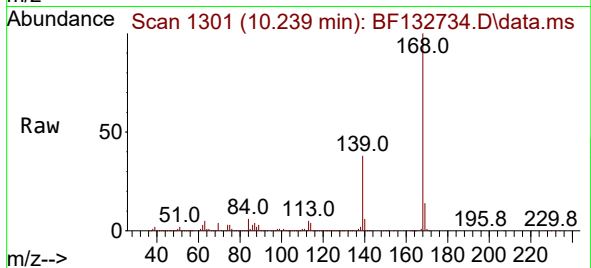
Tgt Ion:184 Resp: 390866
Ion Ratio Lower Upper
184 100
63 60.3 51.4 77.2
154 61.0 48.3 72.5





#55
Dibenzofuran
Concen: 38.526 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

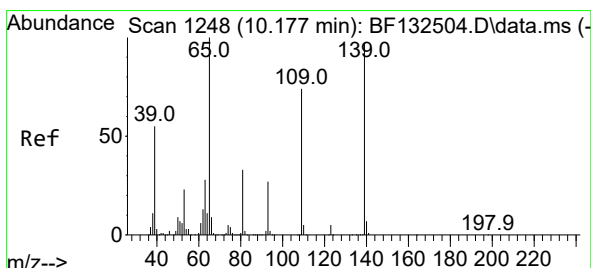
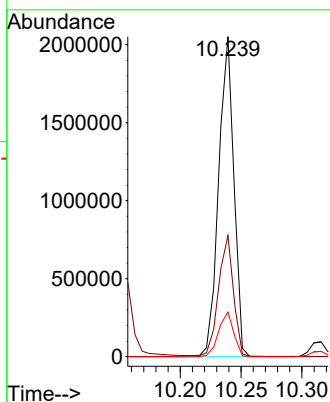
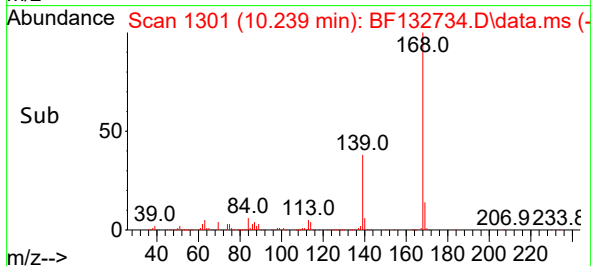
Instrument :
BNA_F
ClientSampleId :
PB151329BS



Tgt Ion:168 Resp: 1786439
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 14.0 10.9 16.3

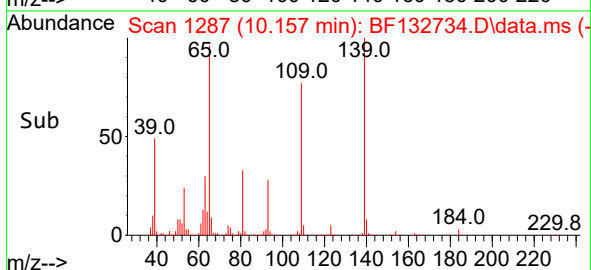
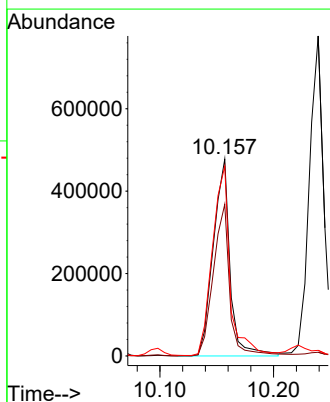
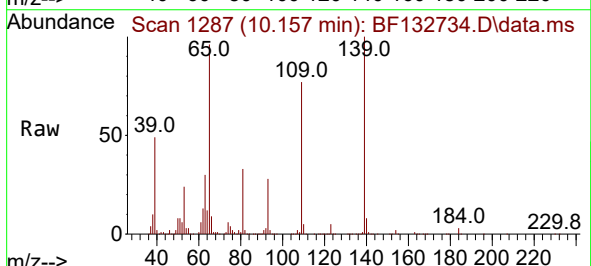
Manual Integrations
APPROVED

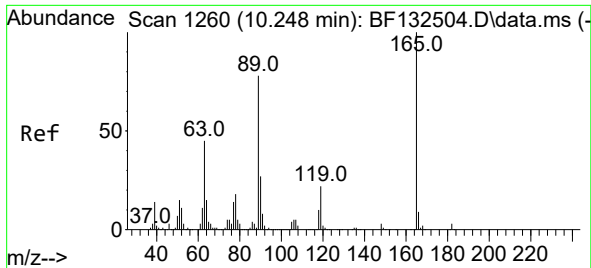
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#56
4-Nitrophenol
Concen: 67.980 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:139 Resp: 493220
Ion Ratio Lower Upper
139 100
109 77.1 56.7 96.7
65 96.4 83.5 123.5





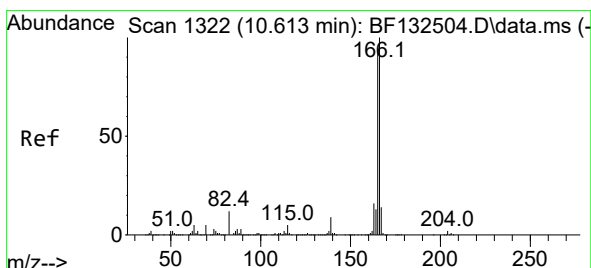
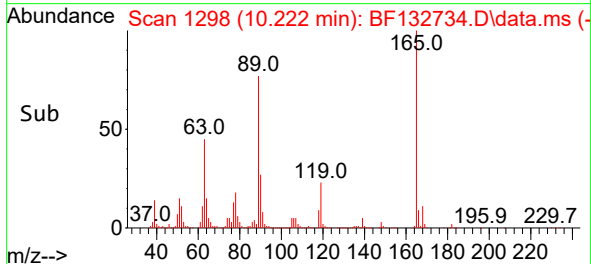
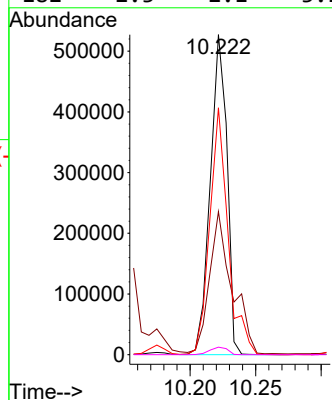
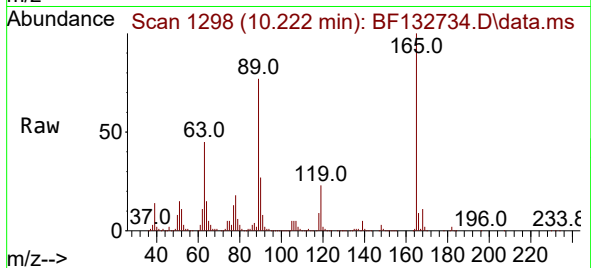
#57
2,4-Dinitrotoluene
Concen: 40.423 ng
RT: 10.222 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Tgt Ion:165 Resp: 46770
Ion Ratio Lower Upper
165 100
63 44.7 36.5 54.7
89 77.1 62.4 93.6
182 2.3 2.1 3.1

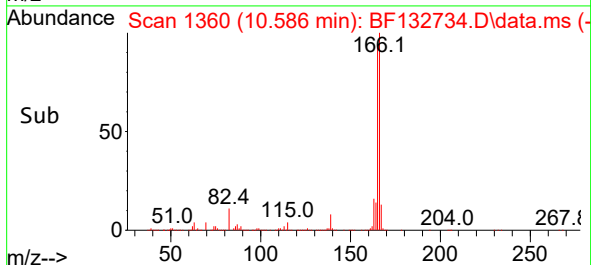
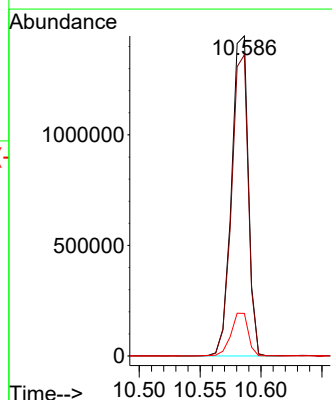
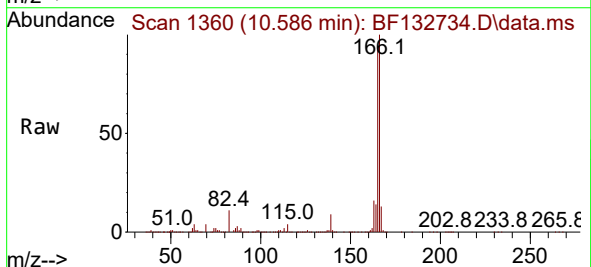
Manual Integrations
APPROVED

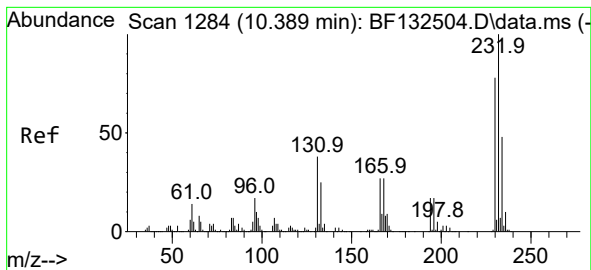
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#58
Fluorene
Concen: 39.188 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

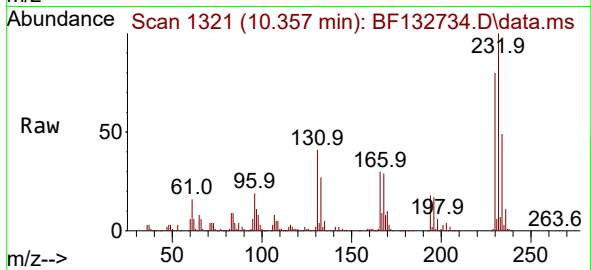
Tgt Ion:166 Resp: 1389932
Ion Ratio Lower Upper
166 100
165 94.1 74.2 111.4
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.058 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

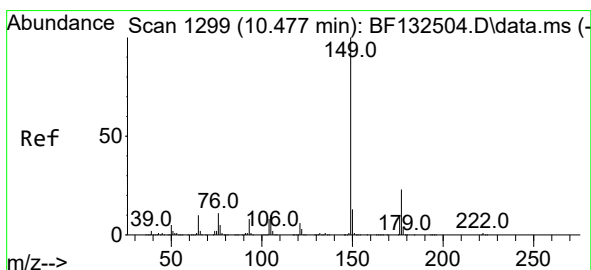
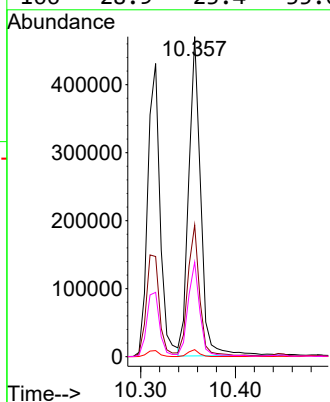
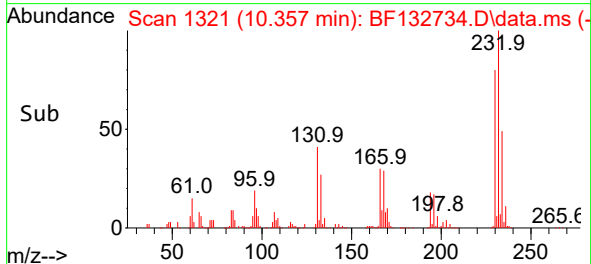
Instrument :
BNA_F
ClientSampleId :
PB151329BS



Tgt Ion:232 Resp: 41395
Ion Ratio Lower Upper
232 100
131 40.4 33.8 50.8
130 2.0 1.7 2.5
166 28.9 23.4 35.0

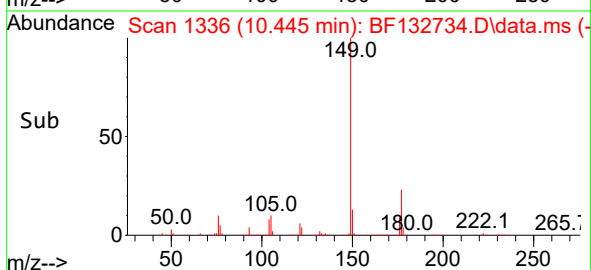
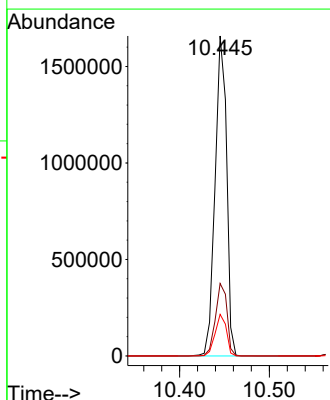
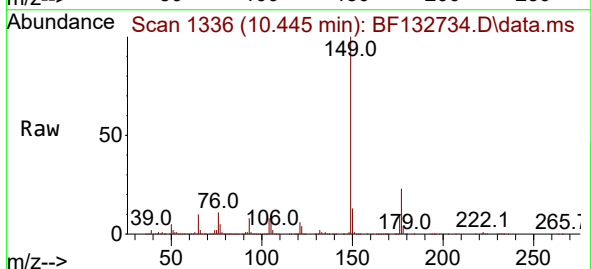
Manual Integrations
APPROVED

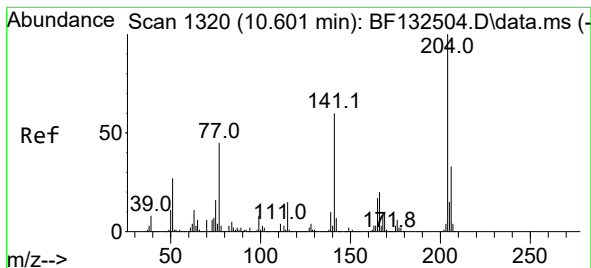
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#60
Diethylphthalate
Concen: 39.705 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

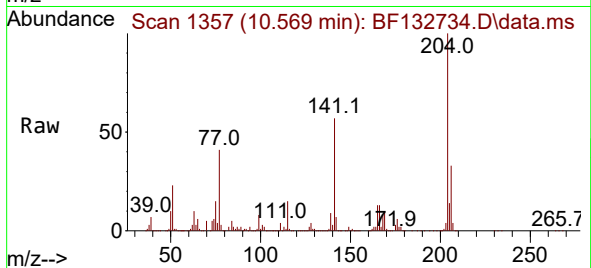
Tgt Ion:149 Resp: 1480861
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.142 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

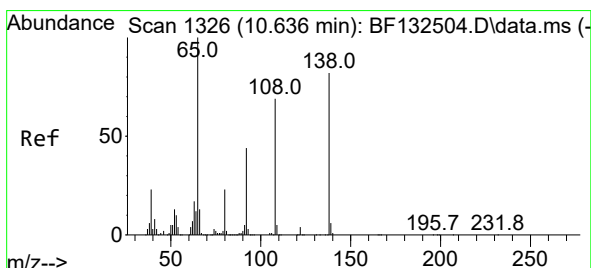
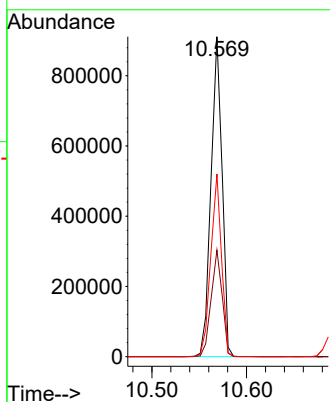
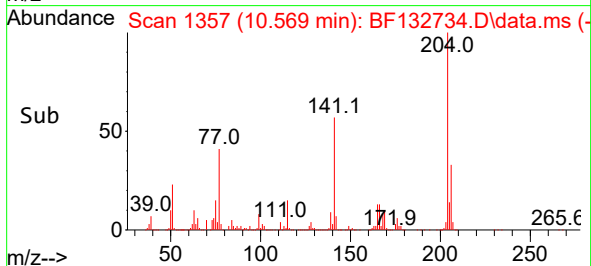
Instrument :
BNA_F
ClientSampleId :
PB151329BS



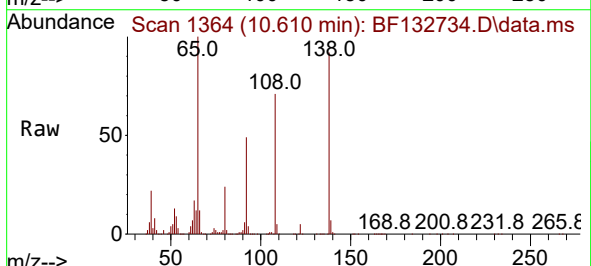
Tgt Ion:204 Resp: 738599
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 57.1 47.8 71.8

Manual Integrations
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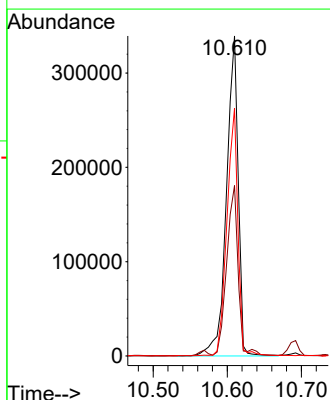
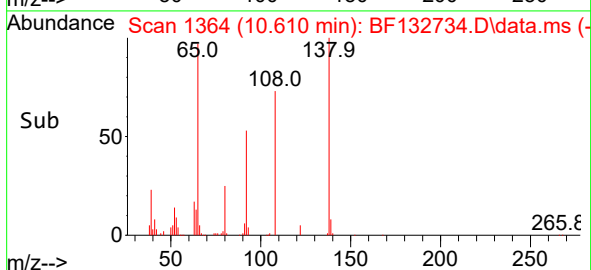
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

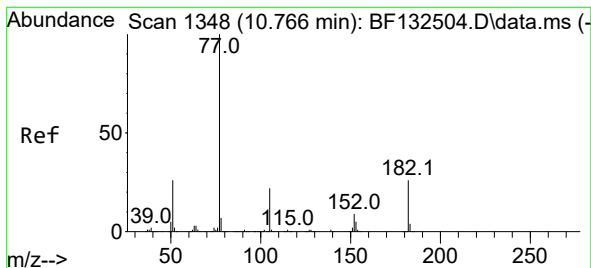


#62
4-Nitroaniline
Concen: 39.086 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



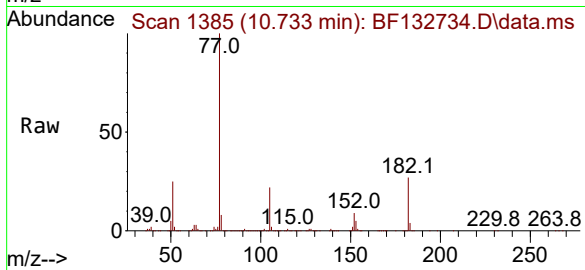
Tgt Ion:138 Resp: 373264
Ion Ratio Lower Upper
138 100
92 53.2 33.8 73.8
108 77.4 63.7 103.7





#63
Azobenzene
Concen: 38.520 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

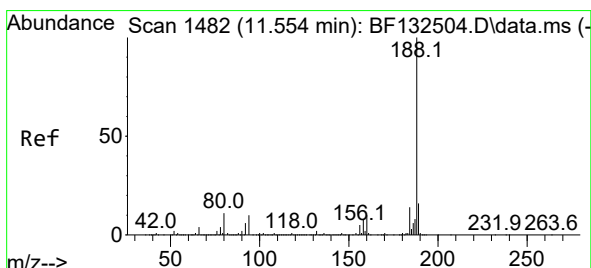
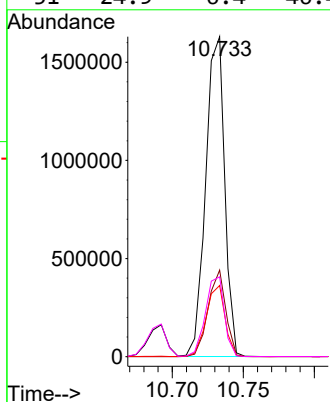
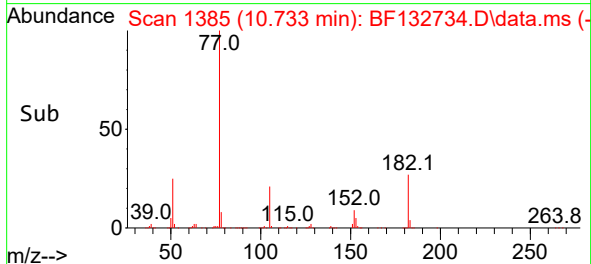
Instrument :
BNA_F
ClientSampleId :
PB151329BS



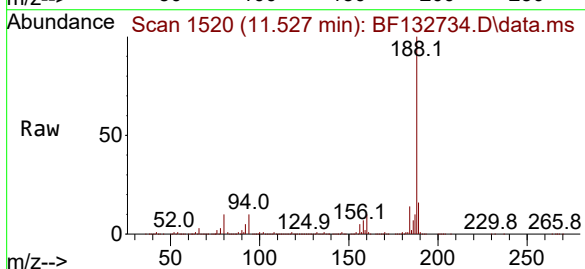
Tgt Ion: 77 Resp: 1521540
Ion Ratio Lower Upper
77 100
182 27.1 5.5 45.5
105 22.2 1.8 41.8
51 24.9 6.4 46.4

Manual Integrations
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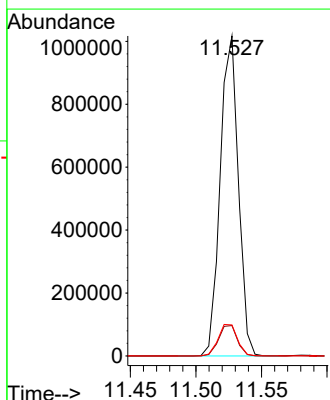
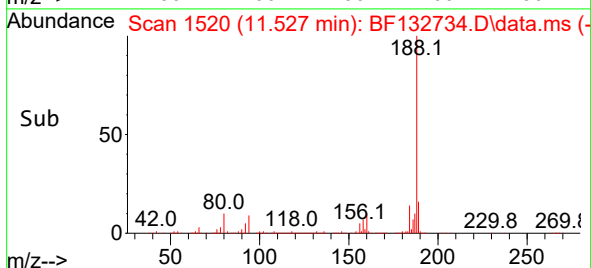
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

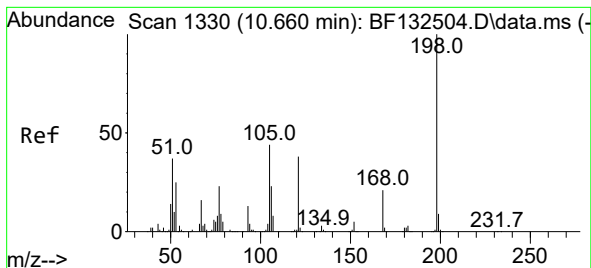


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



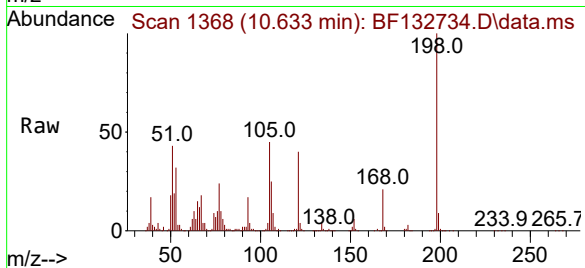
Tgt Ion:188 Resp: 977217
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 9.7 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 42.137 ng
RT: 10.633 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

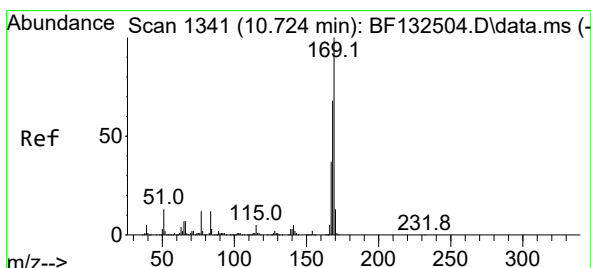
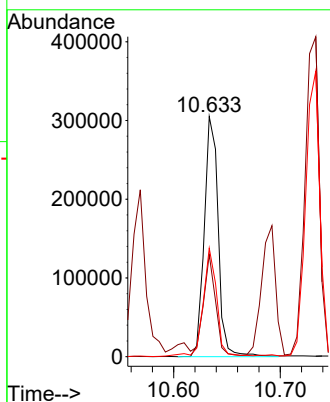
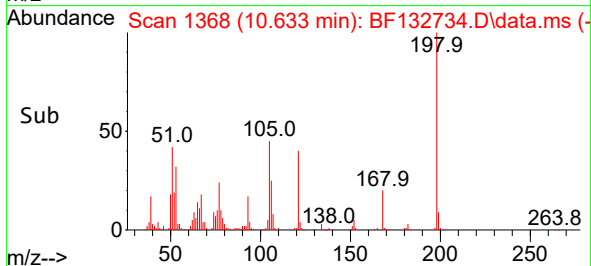
Instrument :
BNA_F
ClientSampleId :
PB151329BS



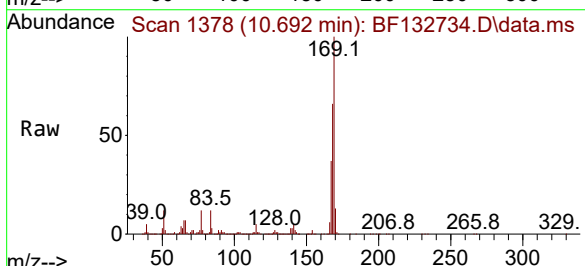
Tgt Ion:198 Resp: 27874
Ion Ratio Lower Upper
198 100
51 42.5 20.6 60.6
105 45.2 24.3 64.3

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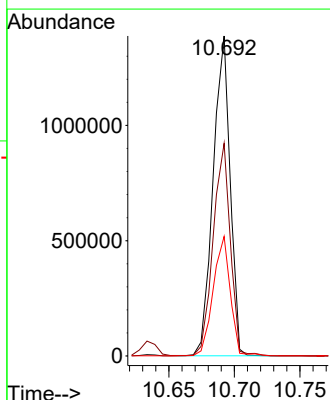
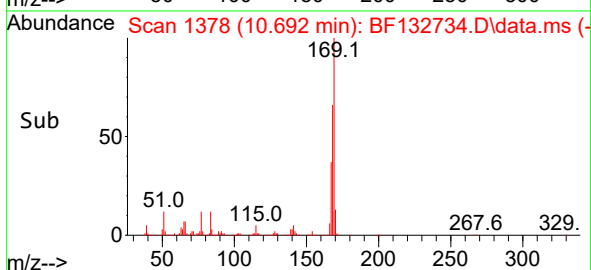
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

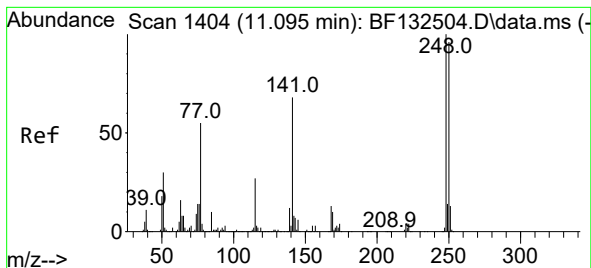


#66
n-Nitrosodiphenylamine
Concen: 40.989 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



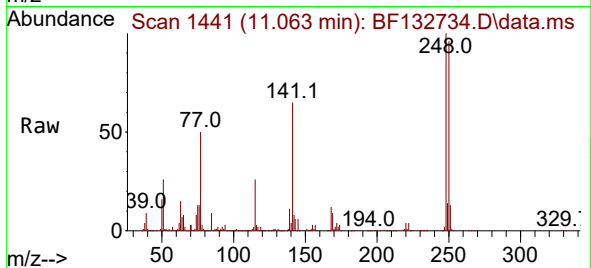
Tgt Ion:169 Resp: 1248752
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 37.4 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.834 ng
RT: 11.063 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

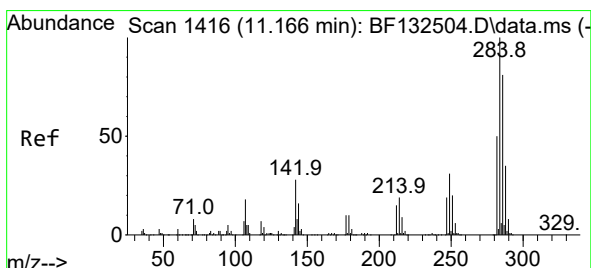
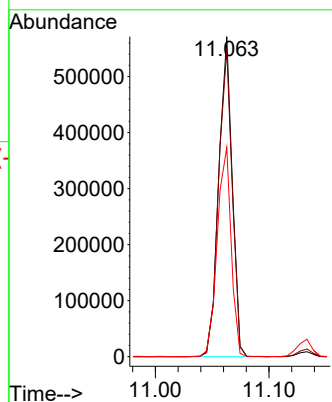
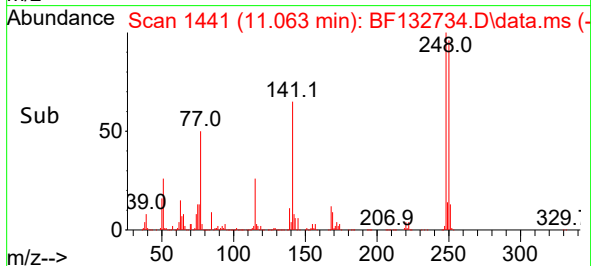
Instrument :
BNA_F
ClientSampleId :
PB151329BS



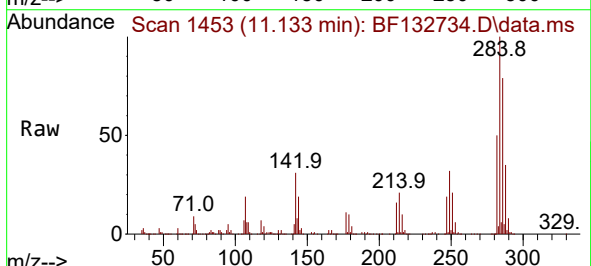
Tgt Ion:248 Resp: 473484
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.4
141 65.4 54.2 81.2

Manual Integrations
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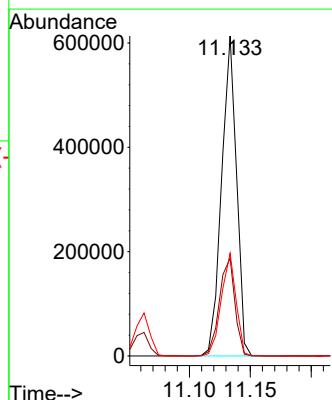
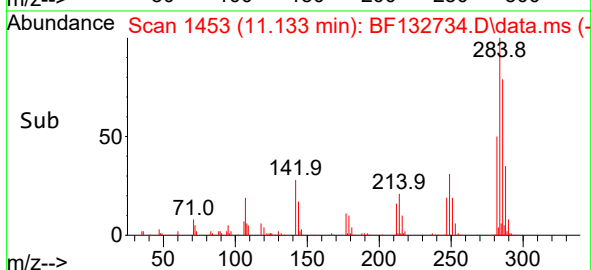
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

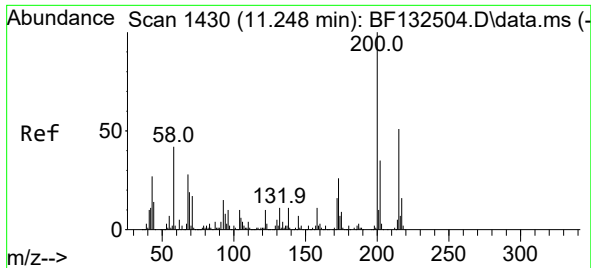


#68
Hexachlorobenzene
Concen: 45.011 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:284 Resp: 523535
Ion Ratio Lower Upper
284 100
142 30.5 22.2 33.4
249 32.1 24.9 37.3





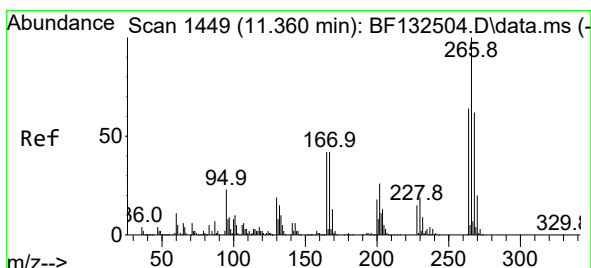
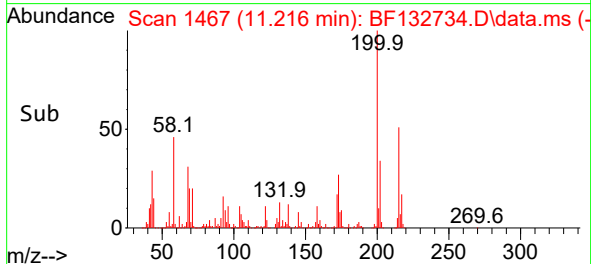
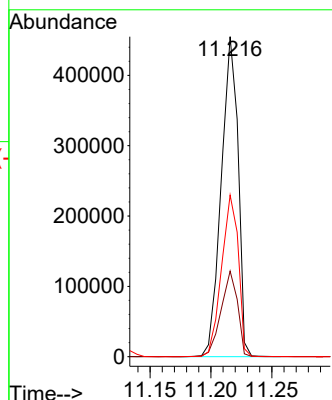
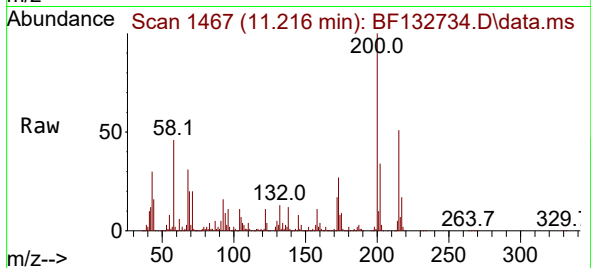
#69
 Atrazine
 Concen: 45.979 ng
 RT: 11.216 min Scan# 1467
 Delta R.T. -0.006 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB151329BS

Tgt Ion:200 Resp: 43730
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.4 46.4
 215 50.5 31.0 71.0

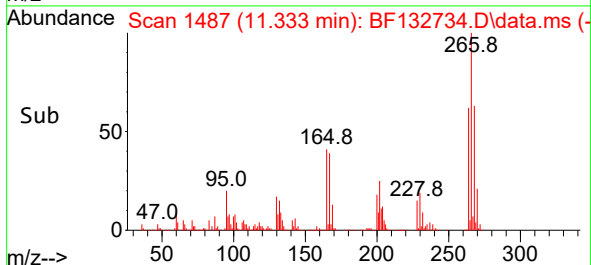
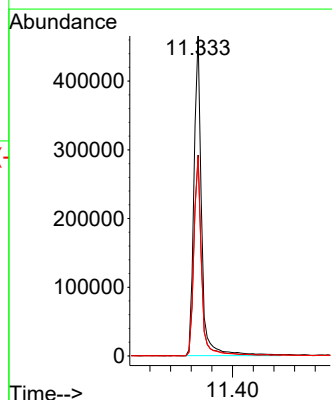
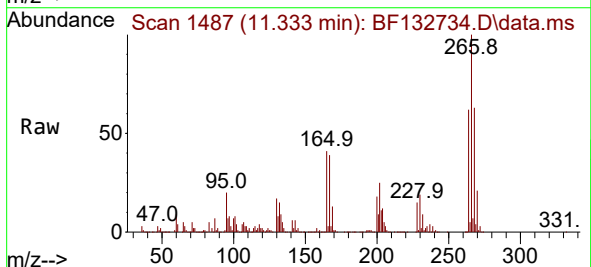
Manual Integrations
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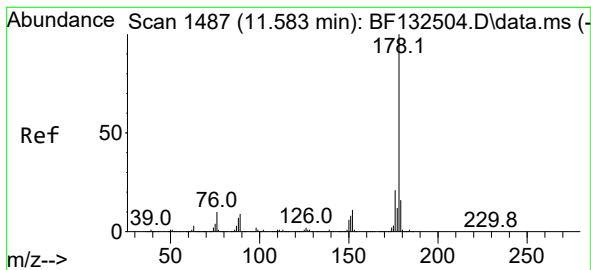
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#70
 Pentachlorophenol
 Concen: 68.860 ng
 RT: 11.333 min Scan# 1487
 Delta R.T. 0.000 min
 Lab File: BF132734.D
 Acq: 10 Mar 2023 11:12

Tgt Ion:266 Resp: 476523
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.8 74.6
 264 62.0 50.9 76.3





#71

Phenanthrene

Concen: 39.734 ng

RT: 11.551 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion:178 Resp: 201152

Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

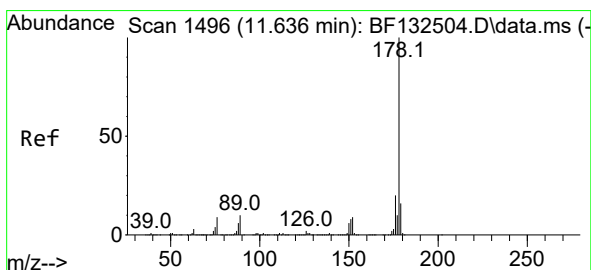
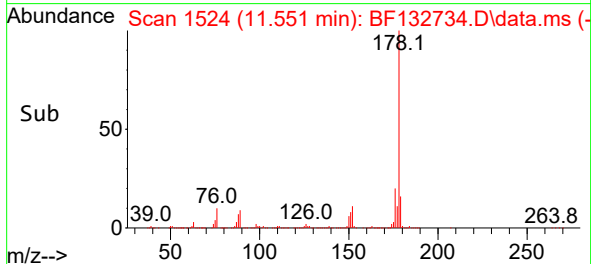
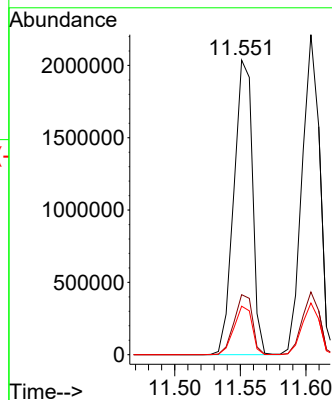
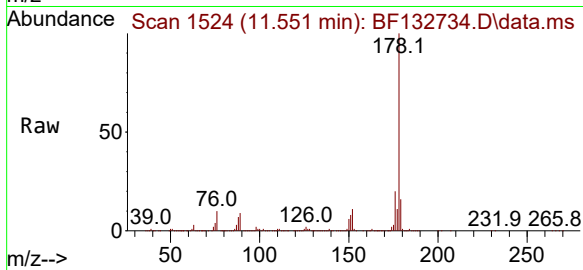
179 16.5 13.0 19.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#72

Anthracene

Concen: 39.769 ng

RT: 11.604 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

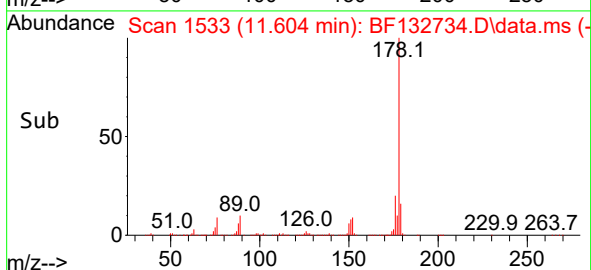
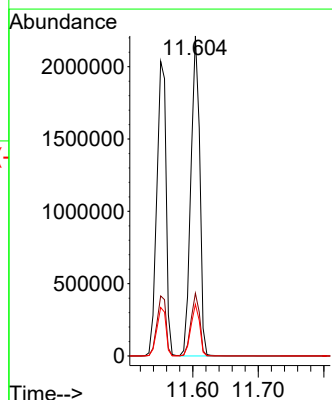
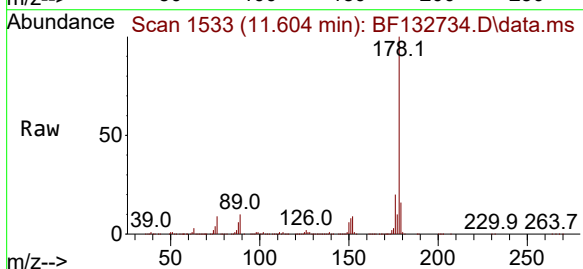
Tgt Ion:178 Resp: 2073204

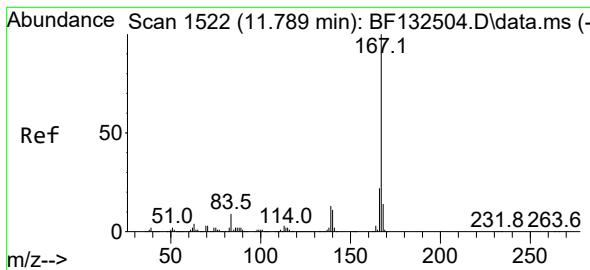
Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 16.2 12.5 18.7





#73

Carbazole

Concen: 39.416 ng

RT: 11.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion:167 Resp: 185265

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

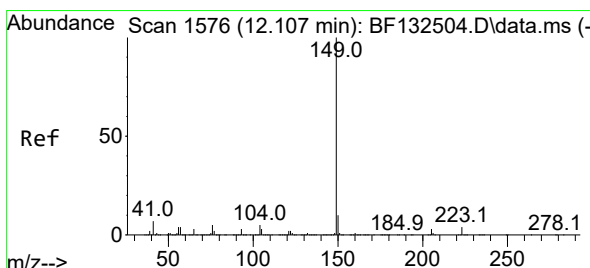
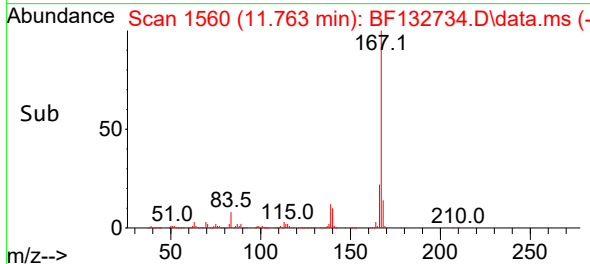
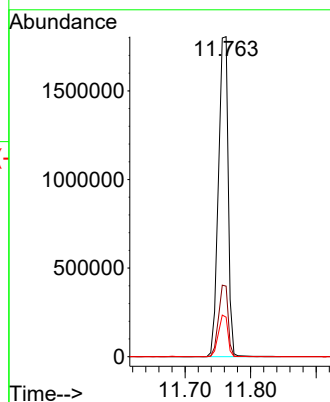
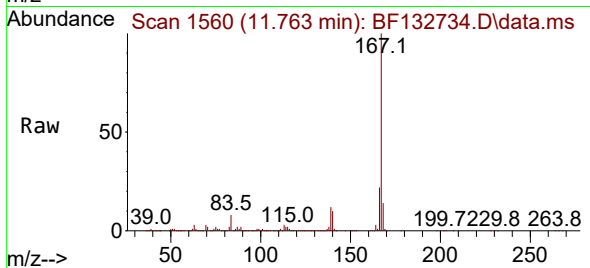
139 12.4 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#74

Di-n-butylphthalate

Concen: 41.030 ng

RT: 12.074 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

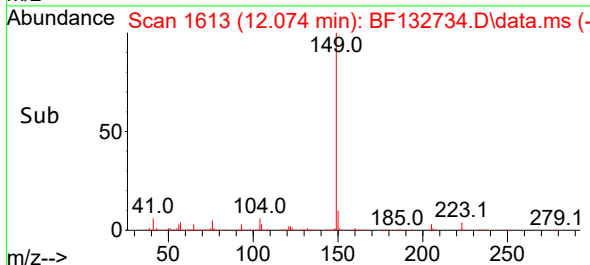
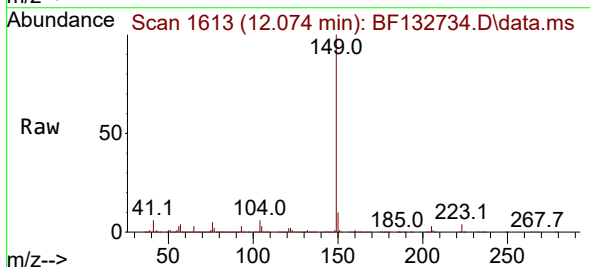
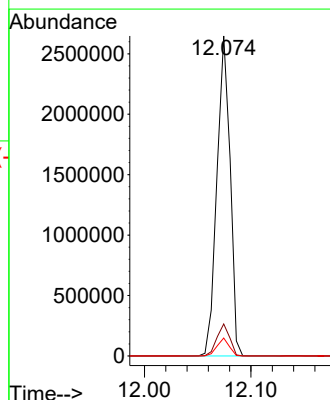
Tgt Ion:149 Resp: 2262134

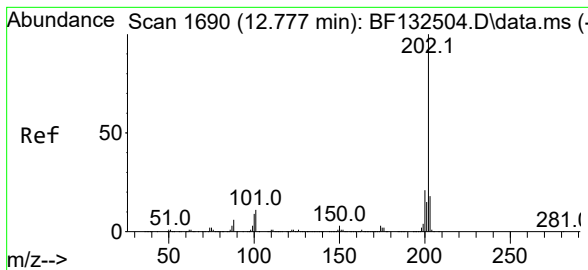
Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

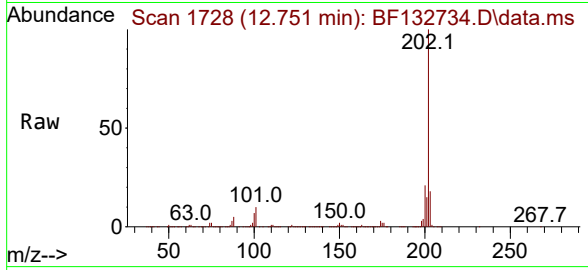
104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 39.182 ng
RT: 12.751 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

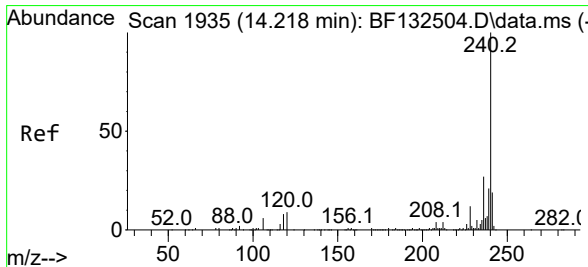
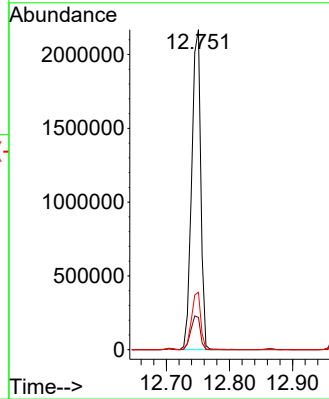
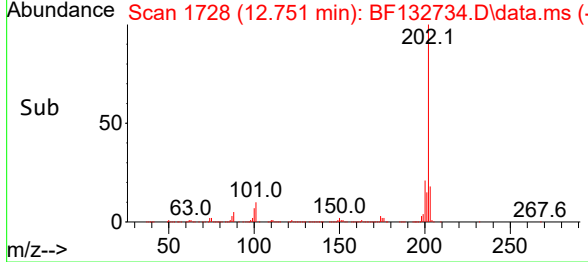
Instrument :
BNA_F
ClientSampleId :
PB151329BS



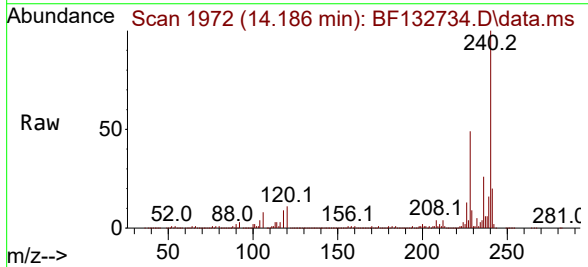
Tgt Ion:202 Resp: 216847
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.0 0.0 38.0

Manual Integrations
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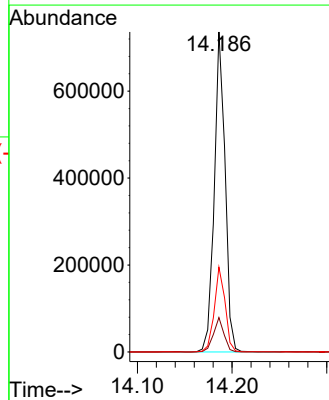
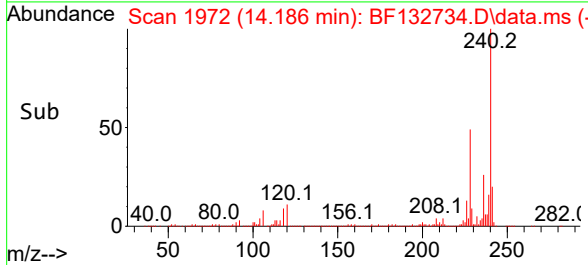
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

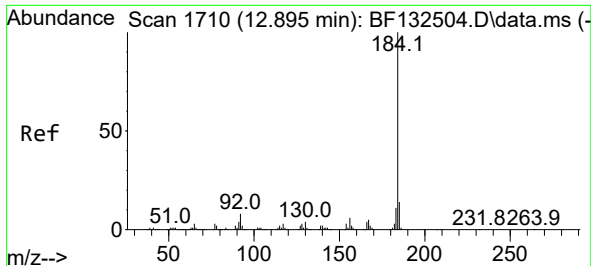


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



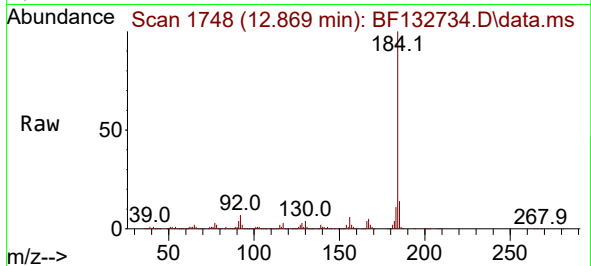
Tgt Ion:240 Resp: 584805
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 26.5 21.8 32.6





#77
Benzidine
Concen: 73.866 ng
RT: 12.869 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

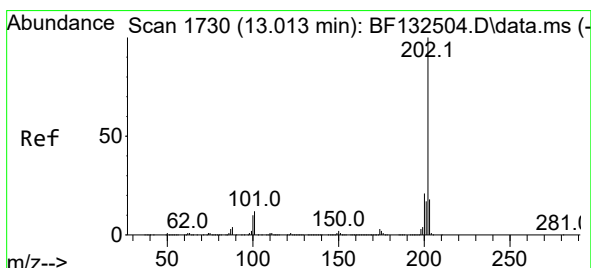
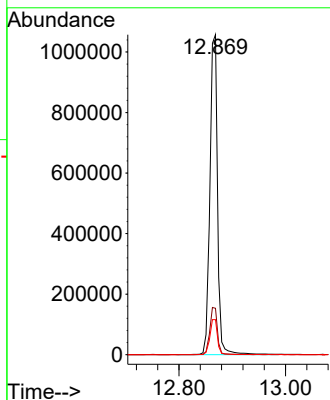
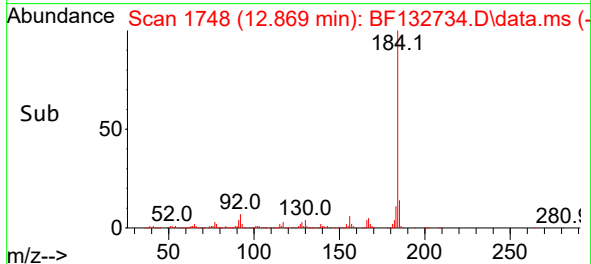
Instrument :
BNA_F
ClientSampleId :
PB151329BS



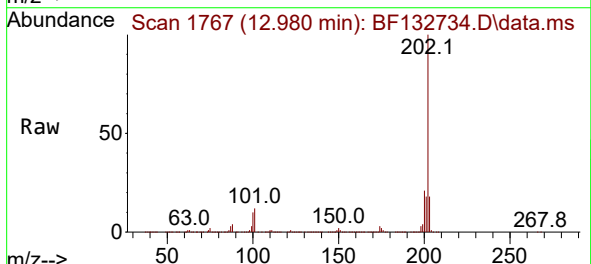
Tgt Ion:184 Resp: 105154
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.0 8.7 13.1

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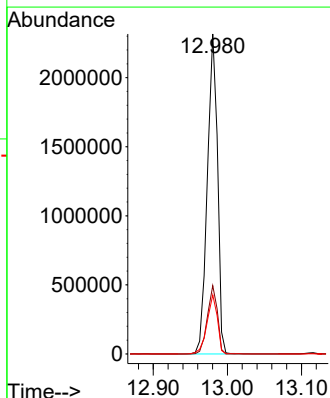
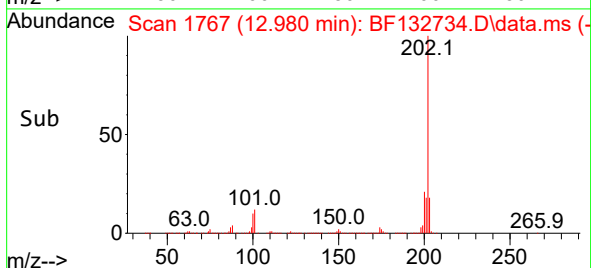
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

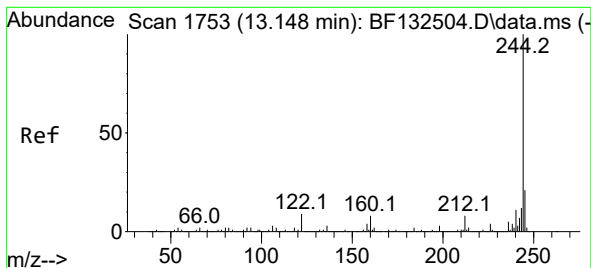


#78
Pyrene
Concen: 41.632 ng
RT: 12.980 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:202 Resp: 2213541
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 68.248 ng

RT: 13.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion:244 Resp: 236060

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

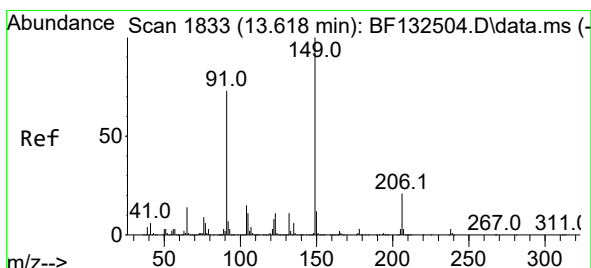
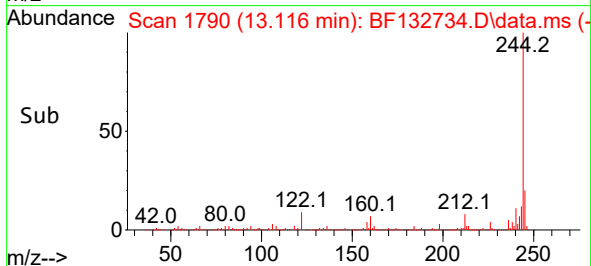
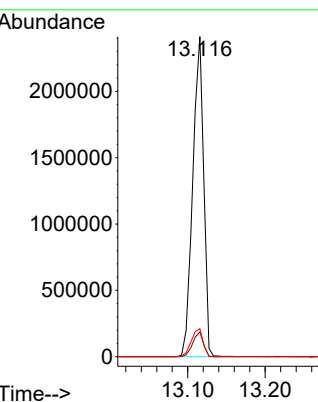
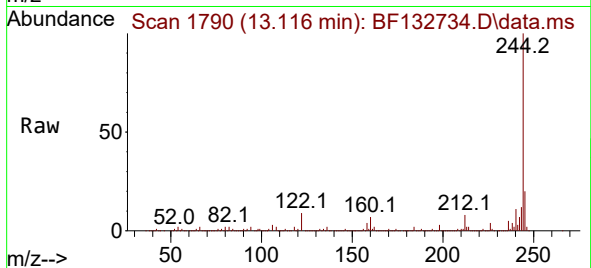
122 8.8 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#80

Butylbenzylphthalate

Concen: 44.468 ng

RT: 13.586 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

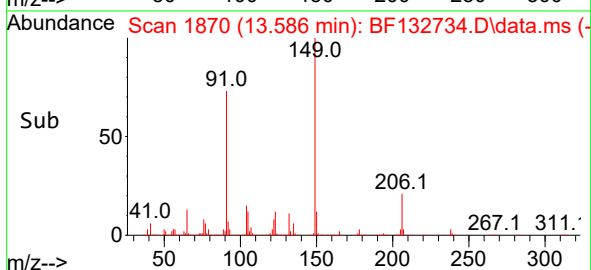
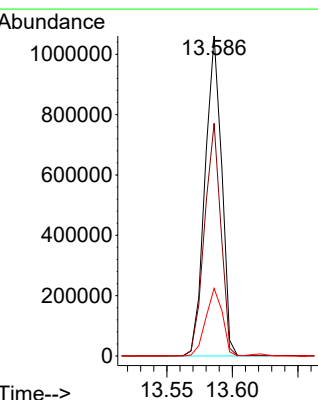
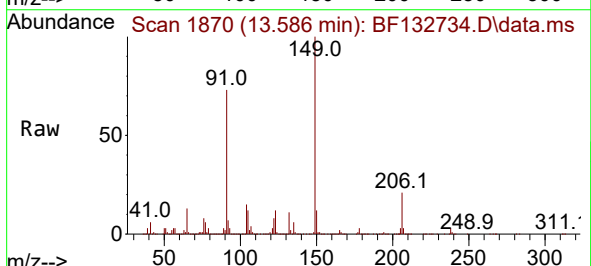
Tgt Ion:149 Resp: 933008

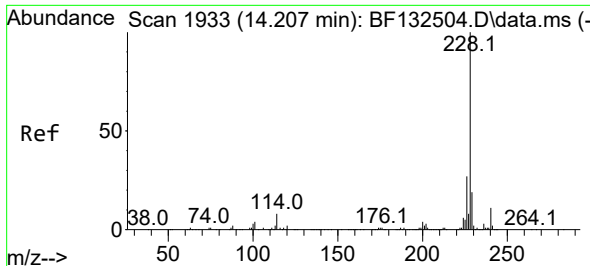
Ion Ratio Lower Upper

149 100

91 72.7 58.4 87.6

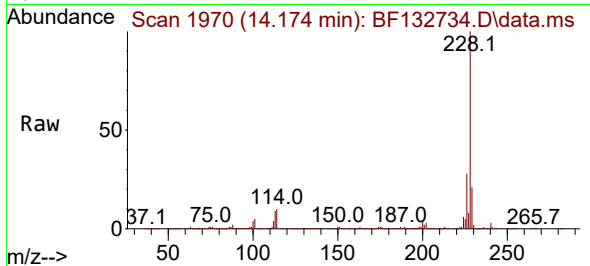
206 21.1 16.8 25.2





#81
Benzo(a)anthracene
Concen: 40.923 ng
RT: 14.174 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

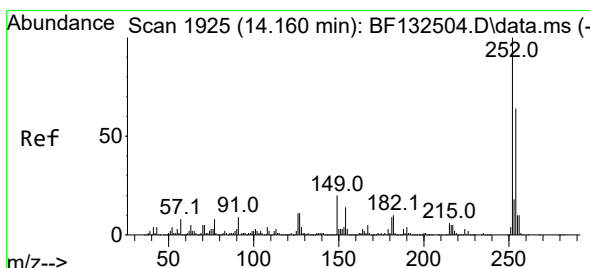
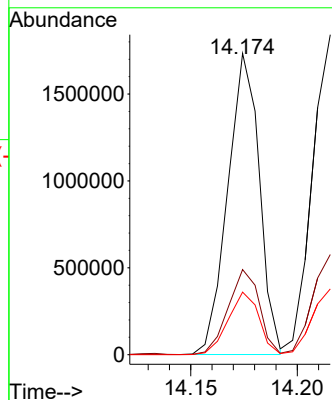
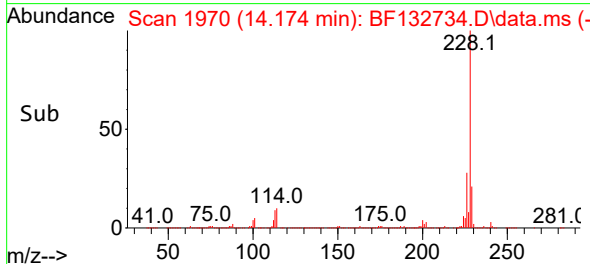
Instrument :
BNA_F
ClientSampleId :
PB151329BS



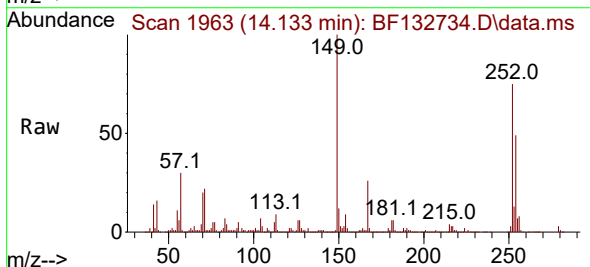
Tgt Ion:228 Resp: 1790629
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.8 15.4 23.2

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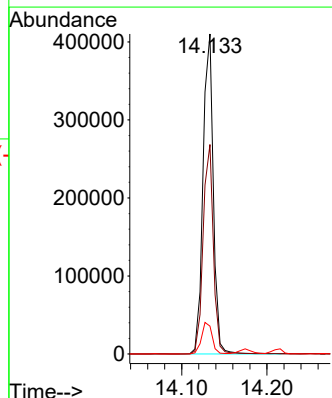
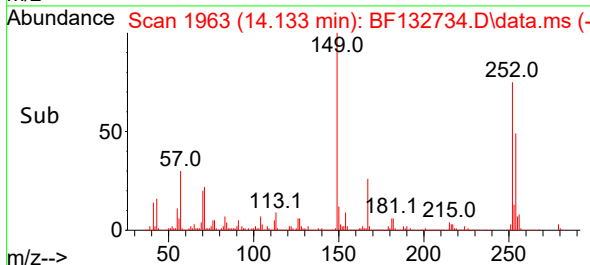
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

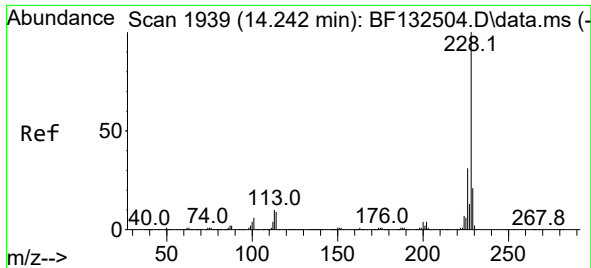


#82
3,3'-Dichlorobenzidine
Concen: 26.653 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



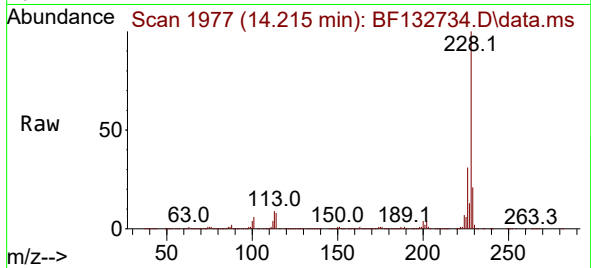
Tgt Ion:252 Resp: 343826
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 8.7 8.9 13.3





#83
Chrysene
Concen: 40.676 ng
RT: 14.215 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

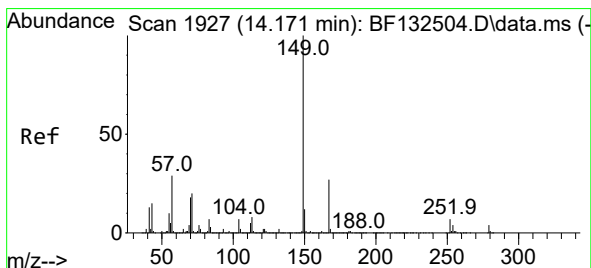
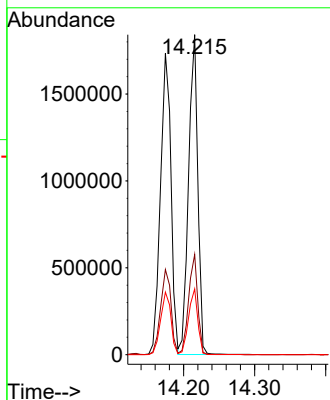
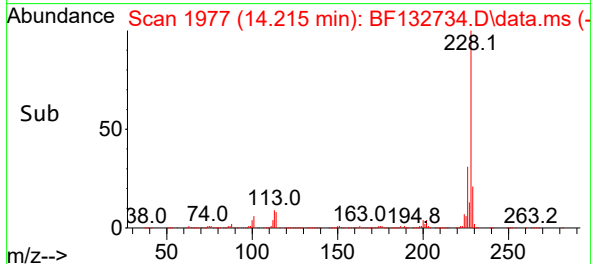
Instrument :
BNA_F
ClientSampleId :
PB151329BS



Tgt Ion:228 Resp: 1664384
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 20.5 16.4 24.6

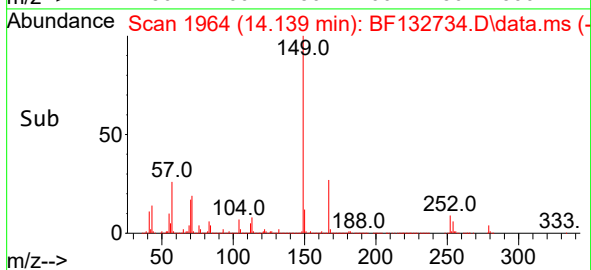
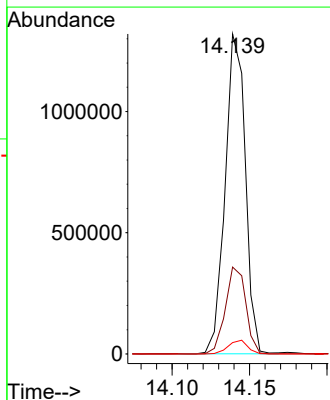
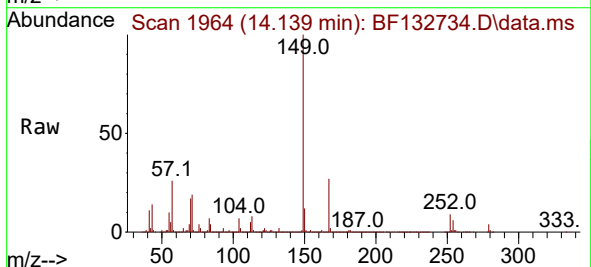
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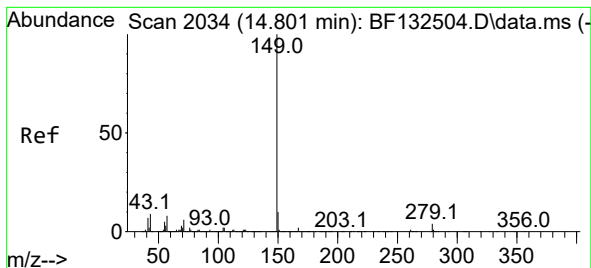
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.366 ng
RT: 14.139 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

Tgt Ion:149 Resp: 1195076
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.6
279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 48.333 ng

RT: 14.763 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion:149 Resp: 182047

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

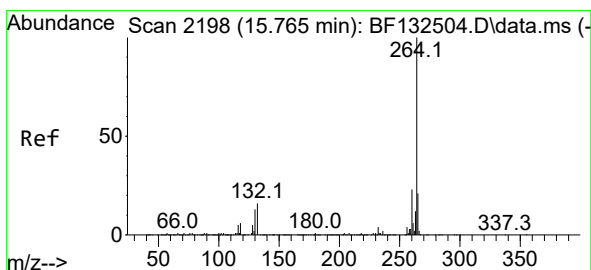
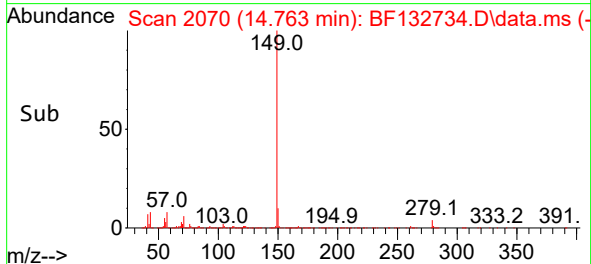
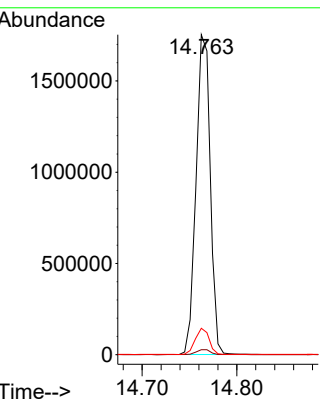
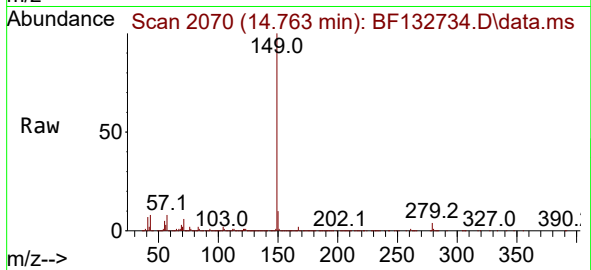
43 7.9 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

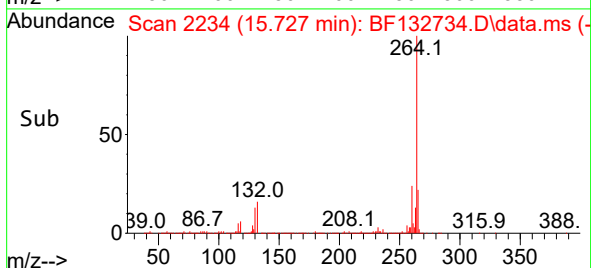
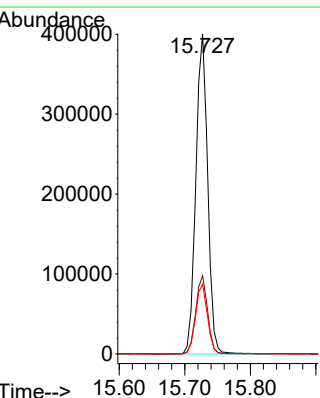
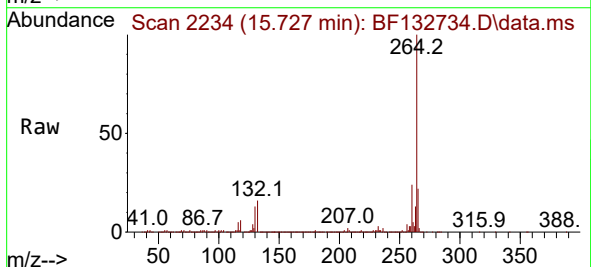
Tgt Ion:264 Resp: 503227

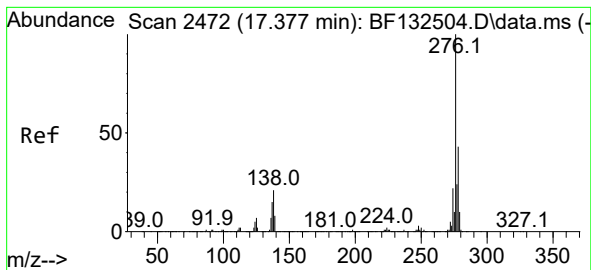
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.166 ng

RT: 17.327 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion:276 Resp: 148929

Ion Ratio Lower Upper

276 100

138 23.4 19.0 28.4

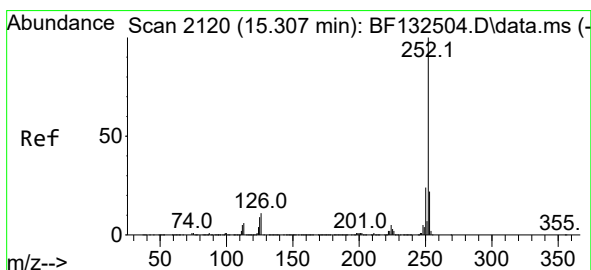
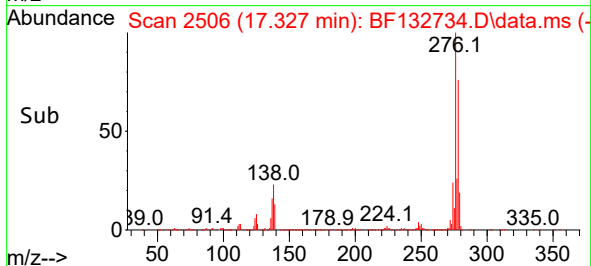
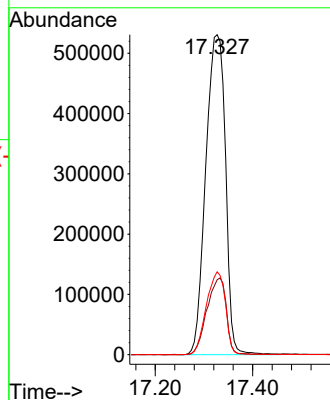
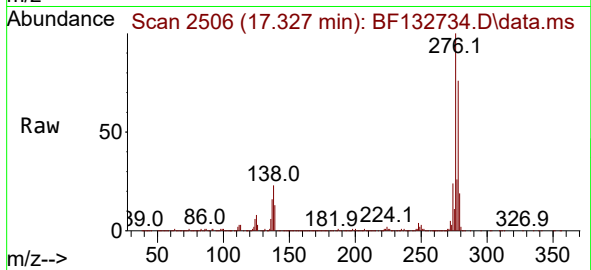
277 25.0 20.0 30.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#88

Benzo(b)fluoranthene

Concen: 46.464 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

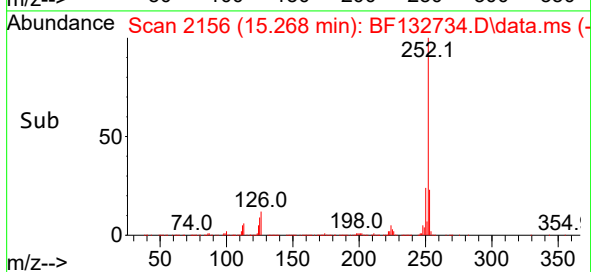
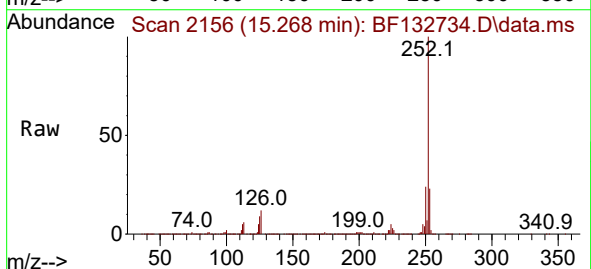
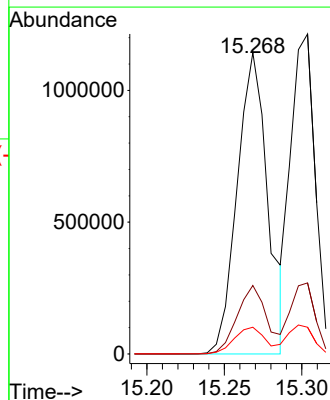
Tgt Ion:252 Resp: 1566932

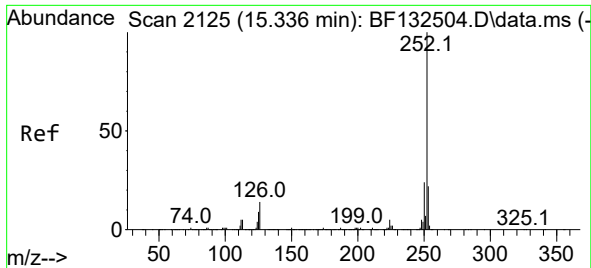
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

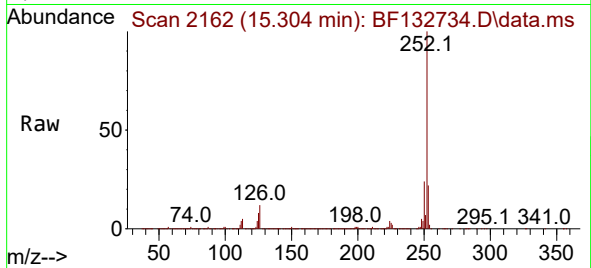
125 8.9 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 40.560 ng
RT: 15.304 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12

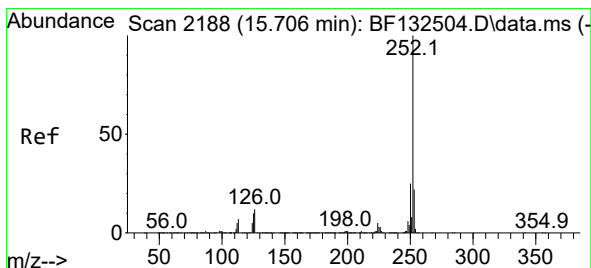
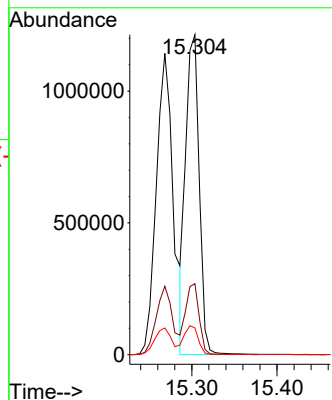
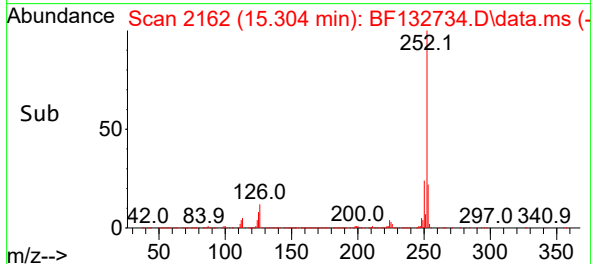
Instrument :
BNA_F
ClientSampleId :
PB151329BS



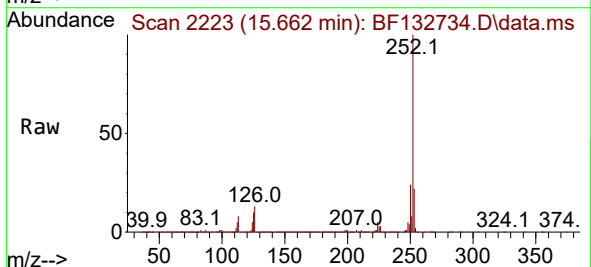
Tgt Ion:252 Resp: 133870
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.3 7.2 10.8

Manual Integrations
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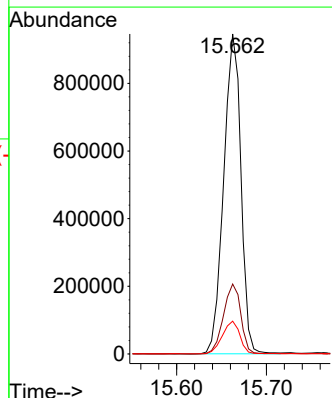
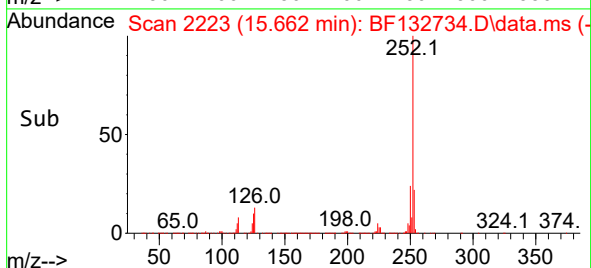
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

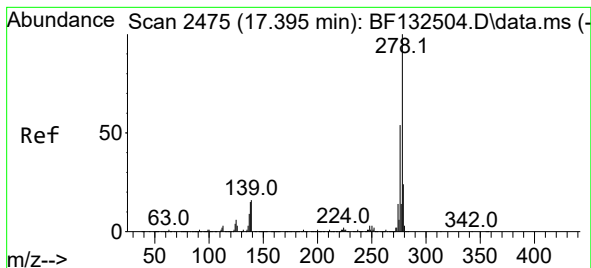


#90
Benzo(a)pyrene
Concen: 39.934 ng
RT: 15.662 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF132734.D
Acq: 10 Mar 2023 11:12



Tgt Ion:252 Resp: 1260420
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 44.915 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Instrument :

BNA_F

ClientSampleId :

PB151329BS

Tgt Ion:278 Resp: 1206689

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

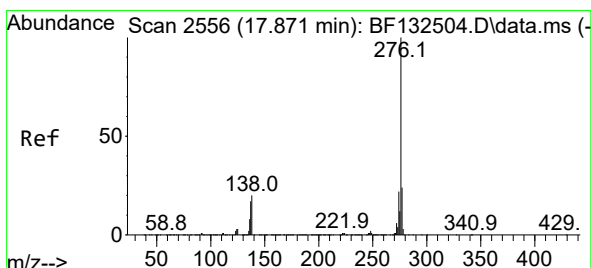
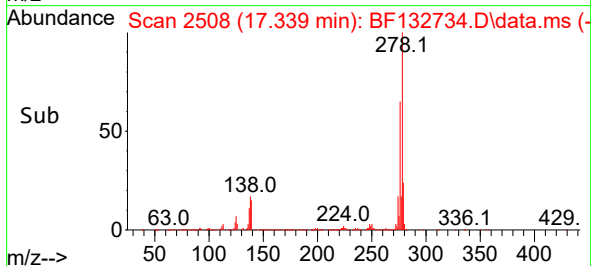
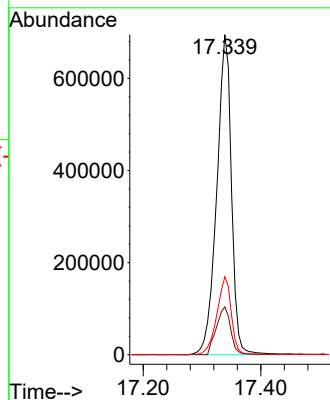
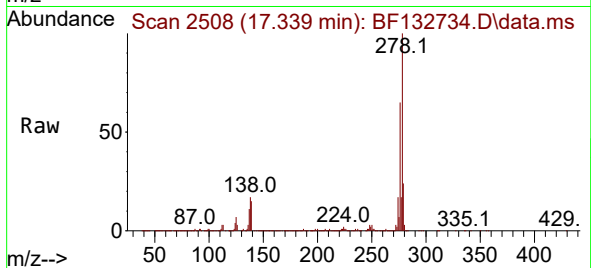
279 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#92

Benzo(g,h,i)perylene

Concen: 40.163 ng

RT: 17.809 min Scan# 2588

Delta R.T. -0.006 min

Lab File: BF132734.D

Acq: 10 Mar 2023 11:12

Tgt Ion:276 Resp: 1211128

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 20.9 16.2 24.4

