

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132737.D
 Acq On : 10 Mar 2023 12:48
 Operator : CG\JU
 Sample : PB151334BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151334BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 13:15:39 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	234561	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	920364	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	482349	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	900493	20.000	ng	0.00
76) Chrysene-d12	14.186	240	504337	20.000	ng	0.00
86) Perylene-d12	15.727	264	440078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1818710	125.840	ng	0.01
7) Phenol-d6	6.622	99	2278658	120.807	ng	0.00
23) Nitrobenzene-d5	7.551	82	1578422	81.367	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	651107	124.993	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2440428	77.039	ng	0.00
79) Terphenyl-d14	13.116	244	2895043	97.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	295333	36.942	ng	97
3) Pyridine	3.681	79	807294	38.043	ng	95
4) n-Nitrosodimethylamine	3.657	42	340635	42.496	ng	85
6) Aniline	6.645	93	917232	36.135	ng	97
8) 2-Chlorophenol	6.769	128	782845	52.190	ng	97
9) Benzaldehyde	6.534	77	340439	33.449	ng	97
10) Phenol	6.634	94	910853	42.121	ng	95
11) bis(2-Chloroethyl)ether	6.716	93	797630	47.780	ng	95
12) 1,3-Dichlorobenzene	6.922	146	780343	48.478	ng	98
13) 1,4-Dichlorobenzene	6.998	146	775322	48.237	ng	100
14) 1,2-Dichlorobenzene	7.151	146	778148	50.446	ng	99
15) Benzyl Alcohol	7.128	79	686886	47.285	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.251	45	987958	46.409	ng	91
17) 2-Methylphenol	7.239	107	650791	46.488	ng	98
18) Hexachloroethane	7.492	117	322132	51.300	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	493693	42.529	ng	93
20) 3+4-Methylphenols	7.387	107	679865	37.591	ng	93
22) Acetophenone	7.392	105	971877	41.878	ng	93
24) Nitrobenzene	7.569	77	867455	41.812	ng	98
25) Isophorone	7.804	82	1595949	42.911	ng	99
26) 2-Nitrophenol	7.886	139	425370	46.469	ng	90
27) 2,4-Dimethylphenol	7.916	122	644389	44.603	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	963789	44.298	ng	99
29) 2,4-Dichlorophenol	8.128	162	627771	43.682	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	714821	45.806	ng	100
31) Naphthalene	8.292	128	1996286	42.369	ng	99
32) Benzoic acid	8.057	122	430494	38.627	ng	99
33) 4-Chloroaniline	8.334	127	338201	16.750	ng	95
34) Hexachlorobutadiene	8.398	225	464428	46.834	ng	99
35) Caprolactam	8.722	113	218780m	46.176	ng	
36) 4-Chloro-3-methylphenol	8.828	107	689796	43.705	ng	93
37) 2-Methylnaphthalene	8.981	142	1324015	41.234	ng	99
38) 1-Methylnaphthalene	9.081	142	1226731	40.880	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	716793	45.420	ng	100
41) Hexachlorocyclopentadiene	9.133	237	813001	94.981	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	470553	43.998	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	509992	40.857	ng	98
46) 1,1'-Biphenyl	9.445	154	1583403	43.371	ng	99
47) 2-Chloronaphthalene	9.475	162	1277713	44.142	ng	99
48) 2-Nitroaniline	9.575	65	420075	39.404	ng	89
49) Acenaphthylene	9.892	152	1930197	41.900	ng	99
50) Dimethylphthalate	9.745	163	1537512	43.777	ng	99
51) 2,6-Dinitrotoluene	9.816	165	350057	43.766	ng	91
52) Acenaphthene	10.063	154	1366418m	46.712	ng	
53) 3-Nitroaniline	9.986	138	247085	27.616	ng	95
54) 2,4-Dinitrophenol	10.098	184	400095	79.393	ng	96
55) Dibenzofuran	10.239	168	1731535	40.604	ng	99
56) 4-Nitrophenol	10.157	139	491535	73.665	ng	96
57) 2,4-Dinitrotoluene	10.222	165	465744	43.769	ng	99
58) Fluorene	10.580	166	1353591	41.497	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	408196	44.022	ng	97
60) Diethylphthalate	10.445	149	1464296	42.690	ng	100
61) 4-Chlorophenyl-phenyle...	10.569	204	722190	42.678	ng	97
62) 4-Nitroaniline	10.610	138	369306	42.049	ng	96
63) Azobenzene	10.733	77	1486440	40.918	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	276139	45.299	ng	97
66) n-Nitrosodiphenylamine	10.692	169	1229969	43.812	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	470616	46.202	ng	98
68) Hexachlorobenzene	11.133	284	520457	48.559	ng	96
69) Atrazine	11.216	200	438807	50.068	ng	100
70) Pentachlorophenol	11.333	266	473124	74.194	ng	98
71) Phenanthrene	11.551	178	1988057	42.617	ng	99
72) Anthracene	11.604	178	2028066	42.217	ng	99
73) Carbazole	11.763	167	1838548	42.449	ng	99
74) Di-n-butylphthalate	12.074	149	2269273	44.666	ng	100
75) Fluoranthene	12.751	202	2126156	41.691	ng	98
77) Benzidine	12.863	184	774563	63.091	ng	100
78) Pyrene	12.980	202	2168107	47.284	ng	100
80) Butylbenzylphthalate	13.586	149	896131	49.525	ng	99
81) Benzo(a)anthracene	14.174	228	1710122	45.318	ng	98
82) 3,3'-Dichlorobenzidine	14.133	252	340433	30.600	ng	# 98
83) Chrysene	14.215	228	1576686	44.681	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	1124211	50.576	ng	99
85) Di-n-octyl phthalate	14.763	149	1701465	52.381	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1544197	53.551	ng	99
88) Benzo(b)fluoranthene	15.268	252	1426155	48.358	ng	98
89) Benzo(k)fluoranthene	15.298	252	1409136	48.821	ng	99
90) Benzo(a)pyrene	15.662	252	1231433	44.614	ng	99
91) Dibenzo(a,h)anthracene	17.339	278	1261876	53.709	ng	98
92) Benzo(g,h,i)perylene	17.809	276	1311267	49.339	ng	98

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

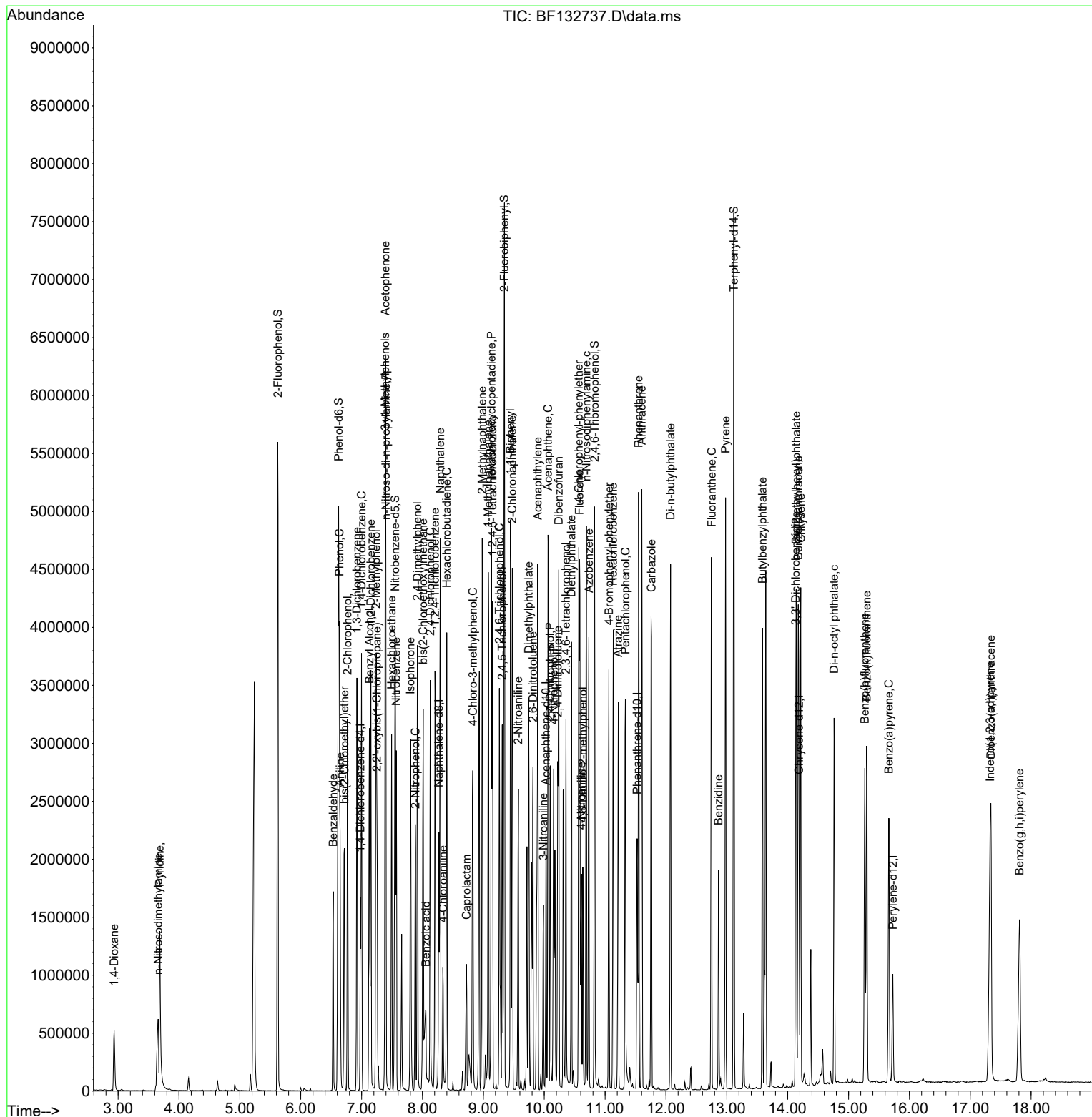
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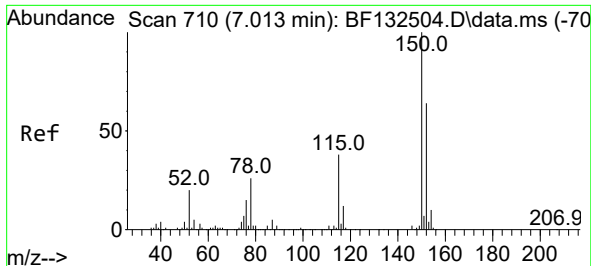
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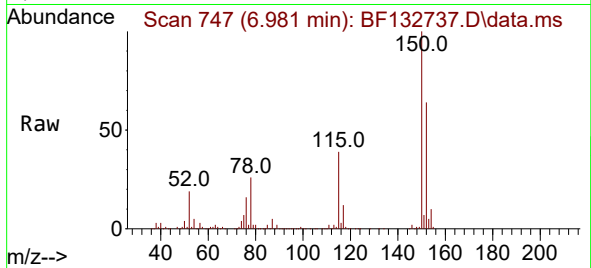
Reviewed By : Christian Giraldo 03/13/2023
Supervised By : Jagrut Upadhyay 03/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

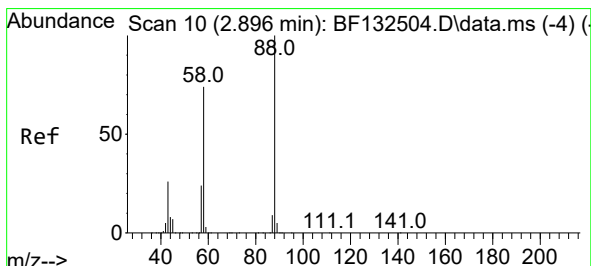
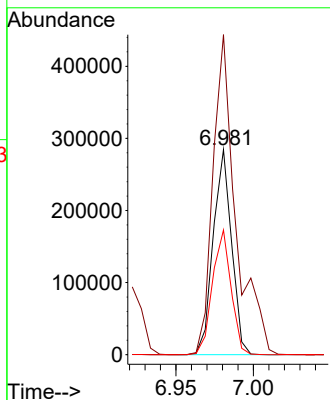
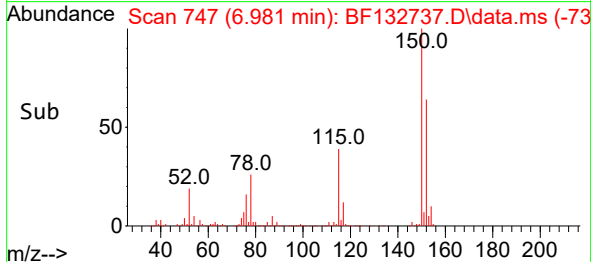
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:152 Resp: 23456
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 60.7 47.8 71.6

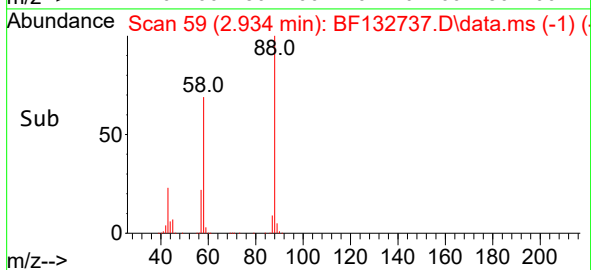
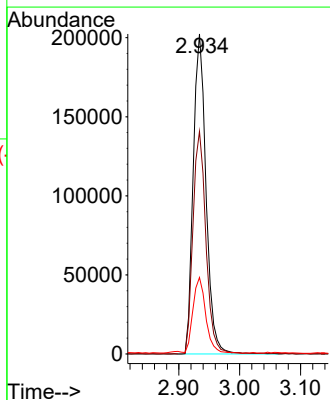
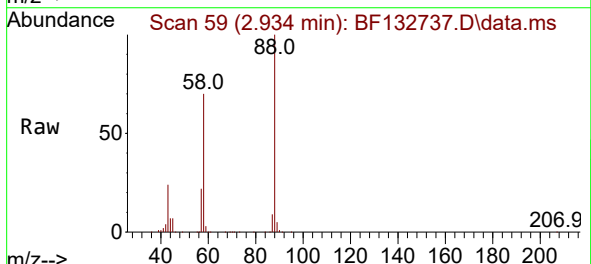
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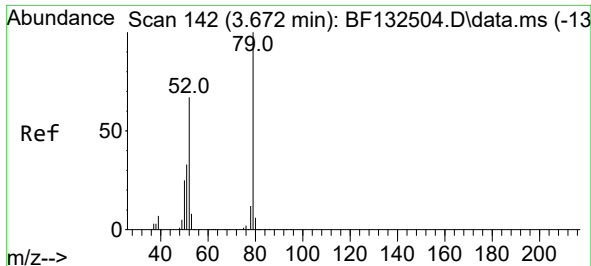
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#2
1,4-Dioxane
Concen: 36.942 ng
RT: 2.934 min Scan# 59
Delta R.T. 0.094 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion: 88 Resp: 295333
Ion Ratio Lower Upper
88 100
58 70.6 58.3 87.5
43 23.6 20.7 31.1





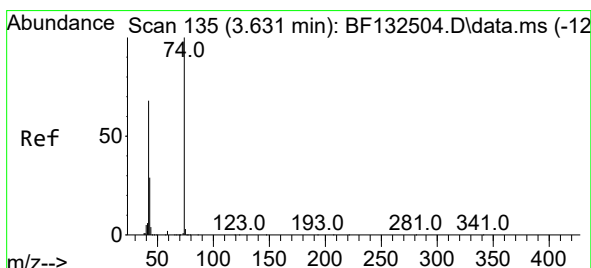
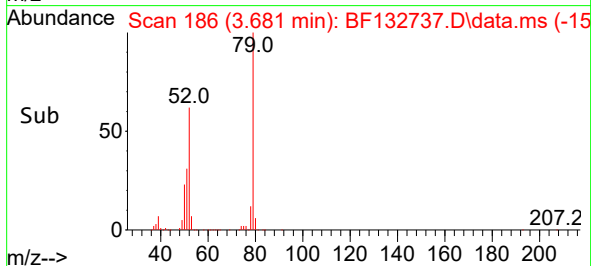
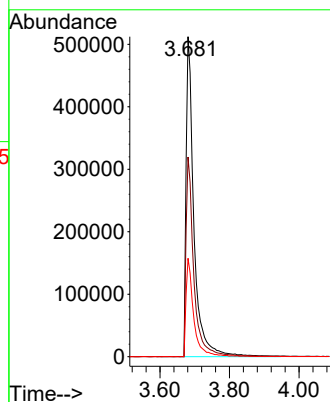
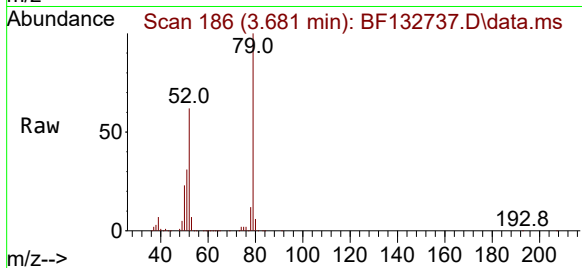
#3
Pyridine
Concen: 38.043 ng
RT: 3.681 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

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PB151334BS

Tgt Ion: 79 Resp: 807294
Ion Ratio Lower Upper
79 100
52 62.4 53.7 80.5
51 30.8 26.6 40.0

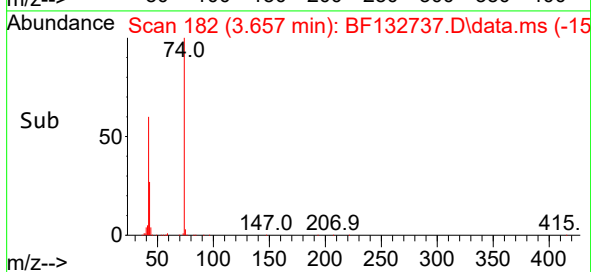
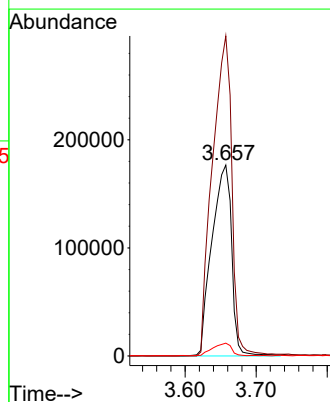
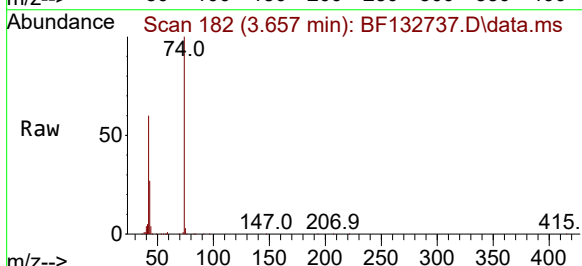
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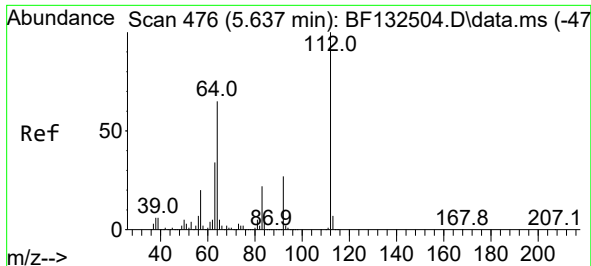
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#4
n-Nitrosodimethylamine
Concen: 42.496 ng
RT: 3.657 min Scan# 182
Delta R.T. 0.071 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion: 42 Resp: 340635
Ion Ratio Lower Upper
42 100
74 167.6 118.2 177.2
44 6.7 5.3 7.9





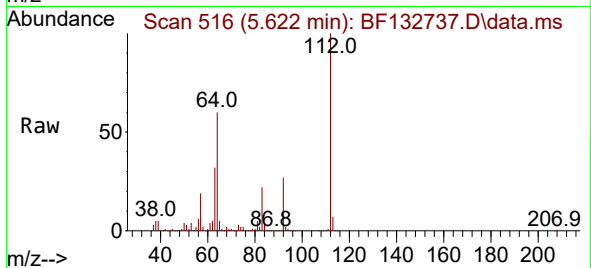
#5
2-Fluorophenol
Concen: 125.840 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

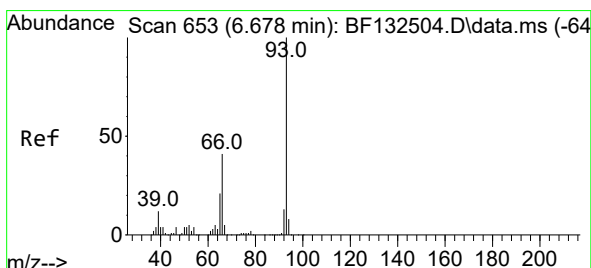
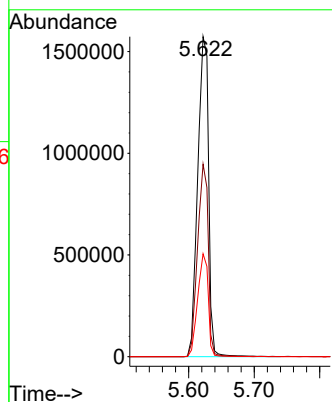
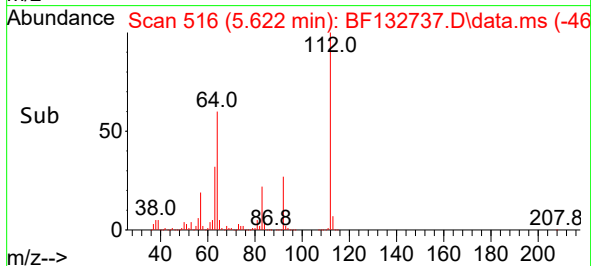


Tgt Ion:112 Resp: 1818710
Ion Ratio Lower Upper
112 100
64 60.2 51.6 77.4
63 32.1 27.4 41.2

Manual Integrations

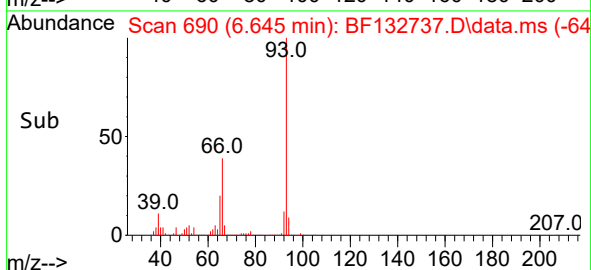
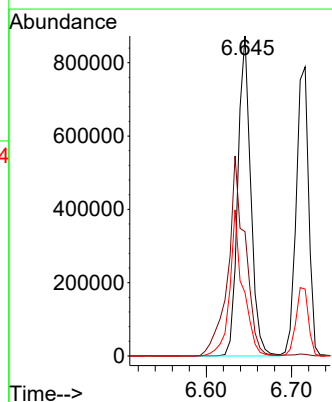
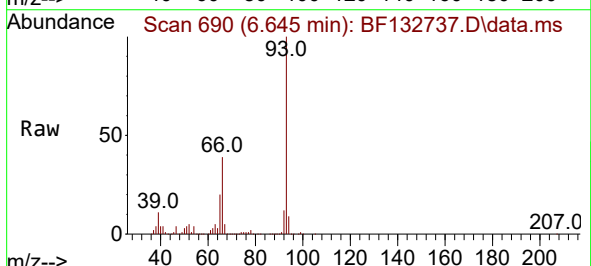
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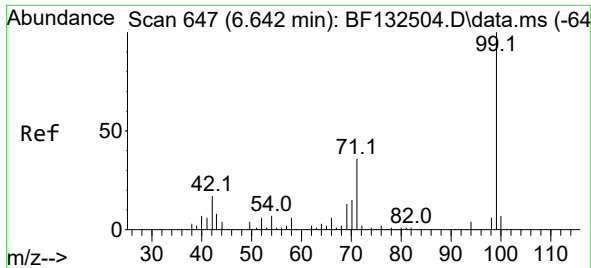
Reviewed By :Christian Giraldo 03/13/2023
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#6
Aniline
Concen: 36.135 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132737.D
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Tgt Ion: 93 Resp: 917232
Ion Ratio Lower Upper
93 100
66 38.9 32.5 48.7
65 19.8 16.6 24.8





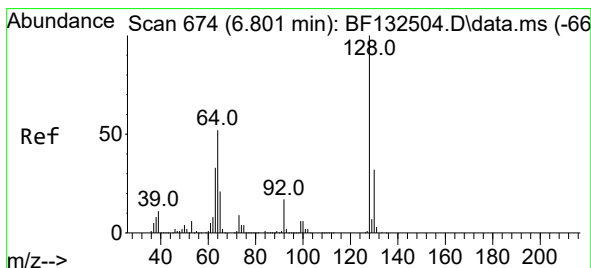
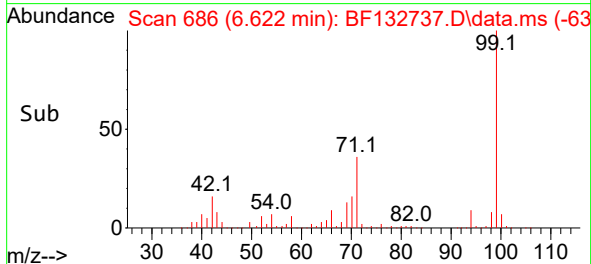
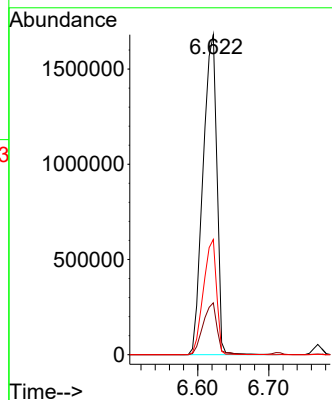
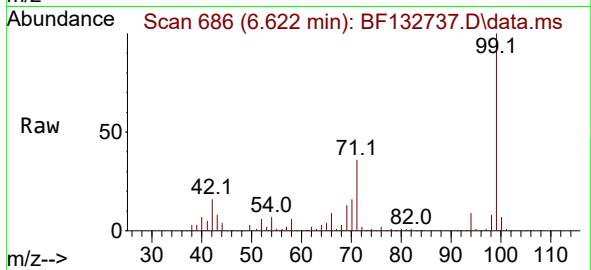
#7
Phenol-d6
Concen: 120.807 ng
RT: 6.622 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 227865
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 36.0 28.5 42.7

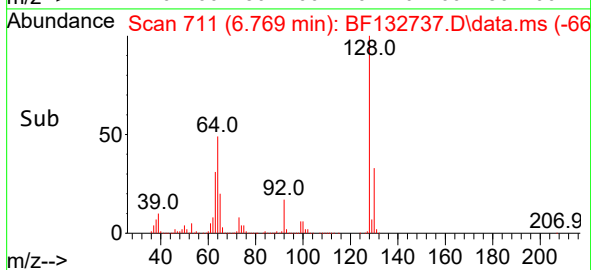
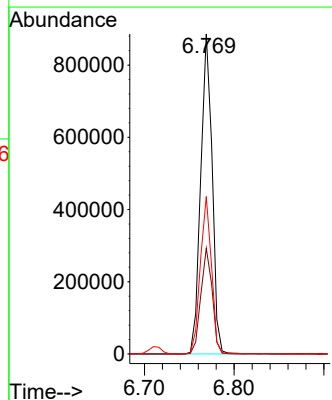
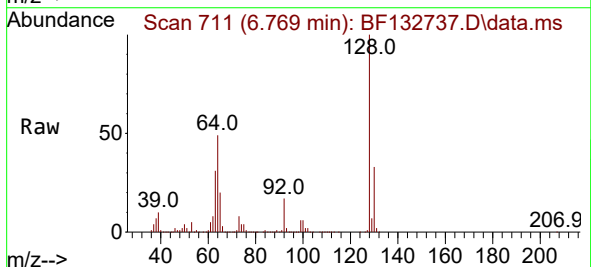
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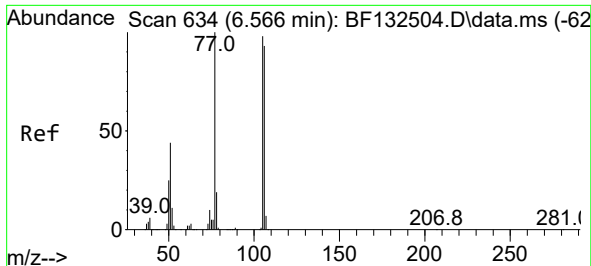
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#8
2-Chlorophenol
Concen: 52.190 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:128 Resp: 782845
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 49.2 32.0 72.0





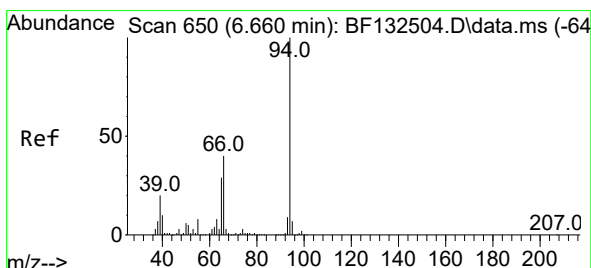
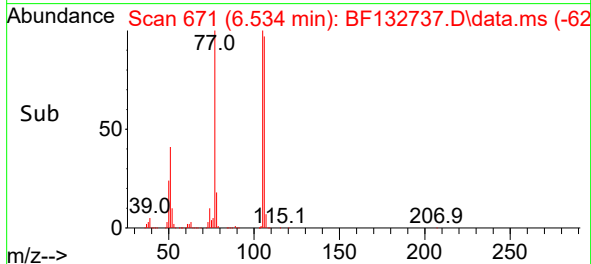
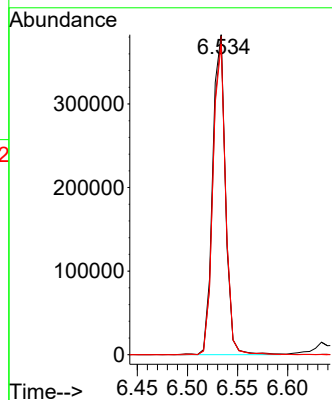
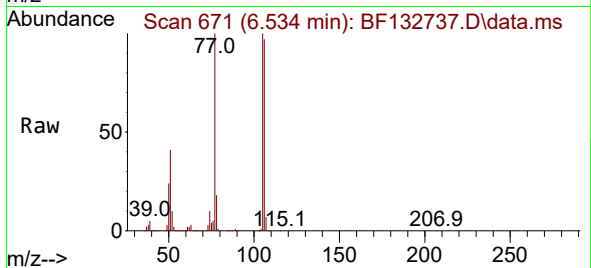
#9
Benzaldehyde
Concen: 33.449 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132737.D
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Instrument :
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Tgt Ion: 77 Resp: 340439
Ion Ratio Lower Upper
77 100
105 99.6 77.9 117.9
106 97.1 73.4 113.4

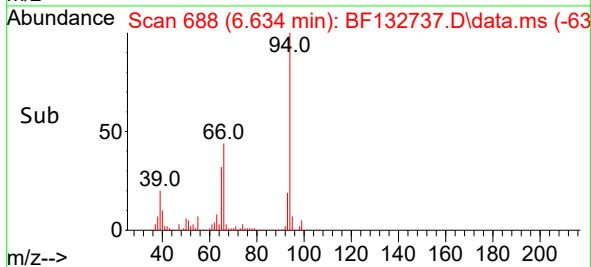
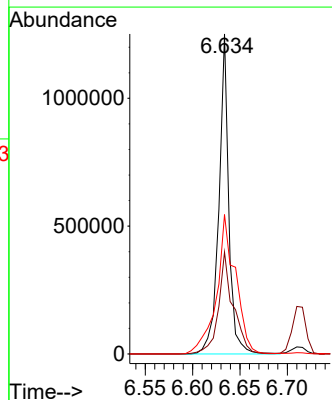
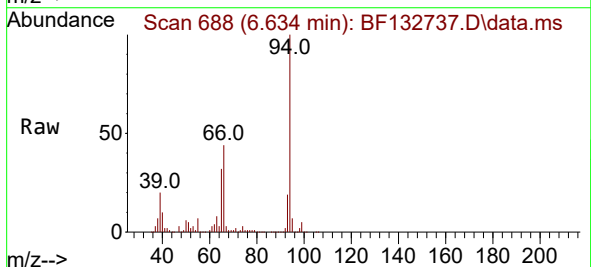
Manual Integrations
APPROVED

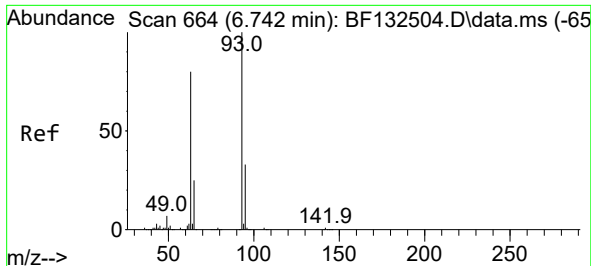
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Phenol
Concen: 42.121 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

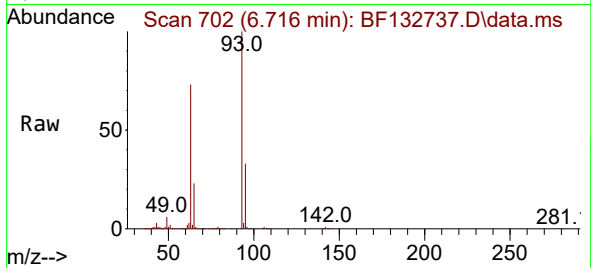
Tgt Ion: 94 Resp: 910853
Ion Ratio Lower Upper
94 100
65 31.8 9.4 49.4
66 43.6 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 47.780 ng
RT: 6.716 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

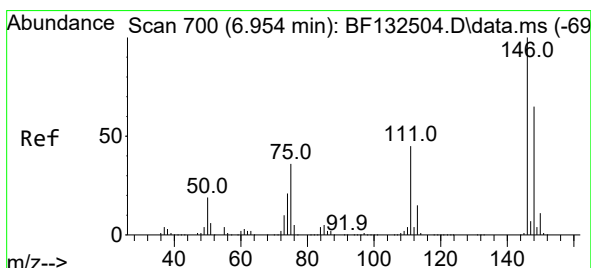
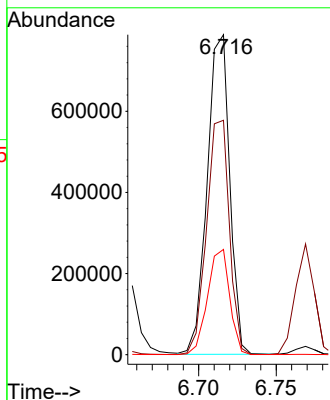
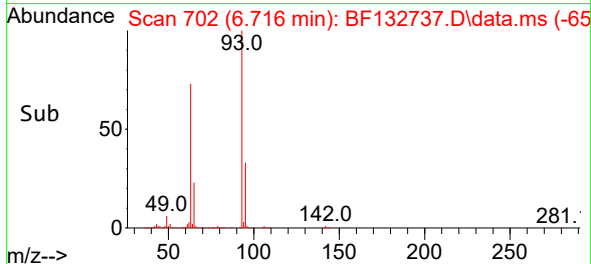
Instrument :
BNA_F
ClientSampleId :
PB151334BS



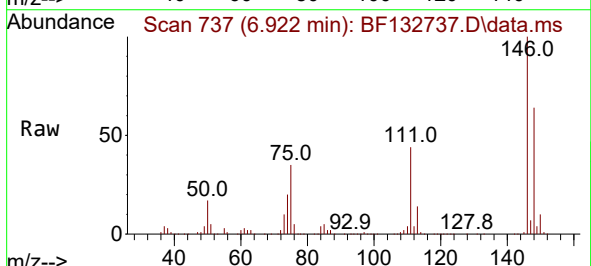
Tgt Ion: 93 Resp: 797630
Ion Ratio Lower Upper
93 100
63 73.3 59.6 99.6
95 32.9 12.8 52.8

Manual Integrations
APPROVED

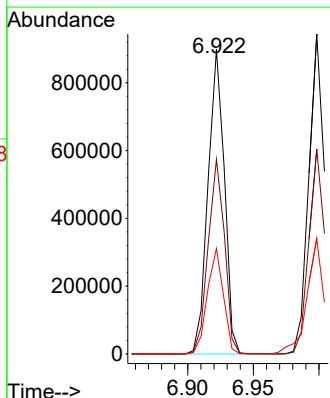
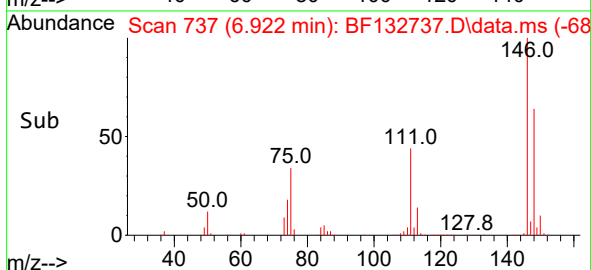
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

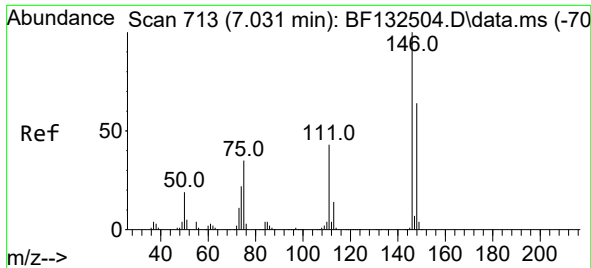


#12
1,3-Dichlorobenzene
Concen: 48.478 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



Tgt Ion:146 Resp: 780343
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 34.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 48.237 ng

RT: 6.998 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

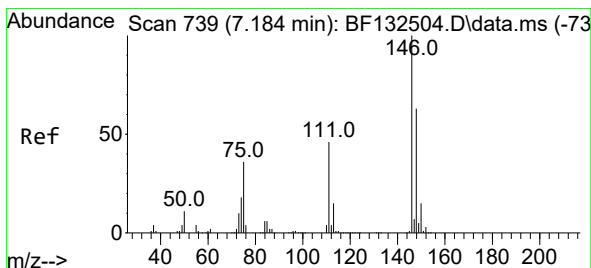
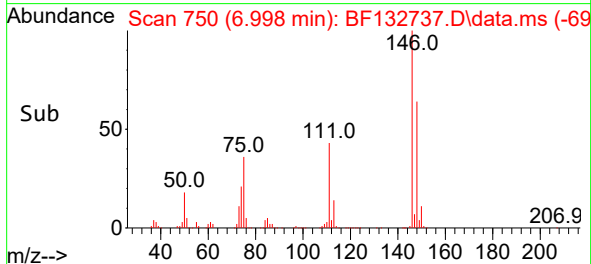
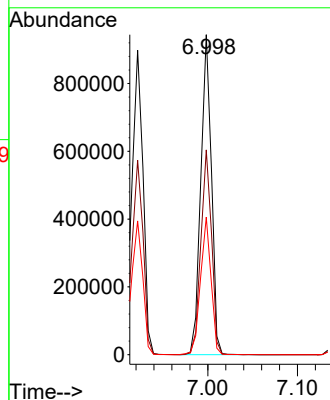
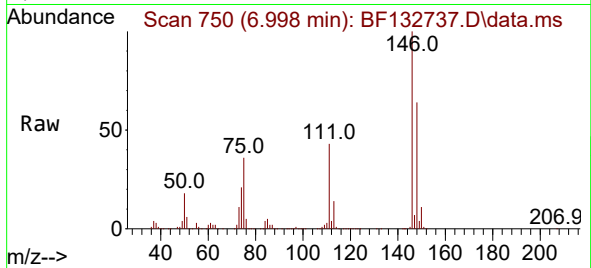
PB151334BS

Tgt Ion:146 Resp: 77532
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 43.0 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: 50.446 ng

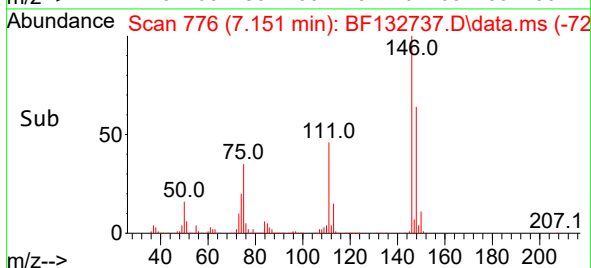
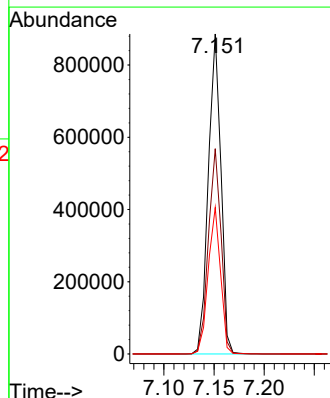
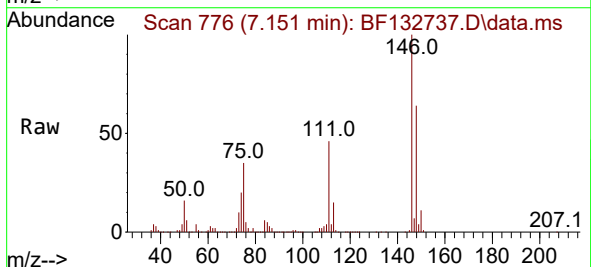
RT: 7.151 min Scan# 776

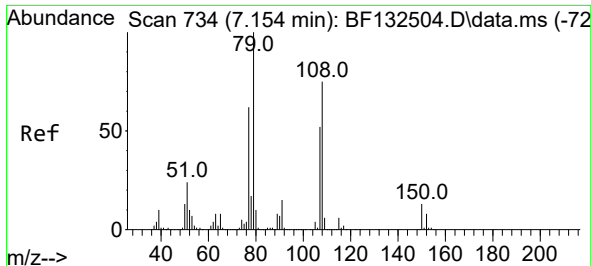
Delta R.T. -0.006 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

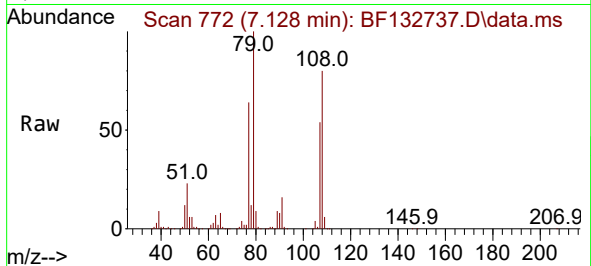
Tgt Ion:146 Resp: 778148
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 45.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 47.285 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

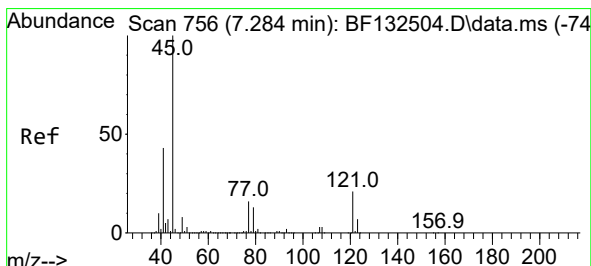
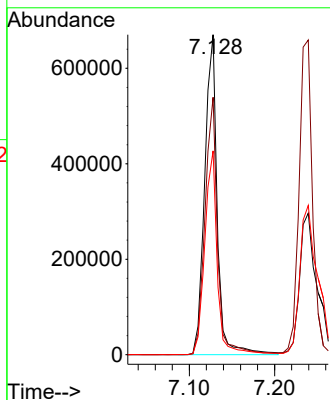
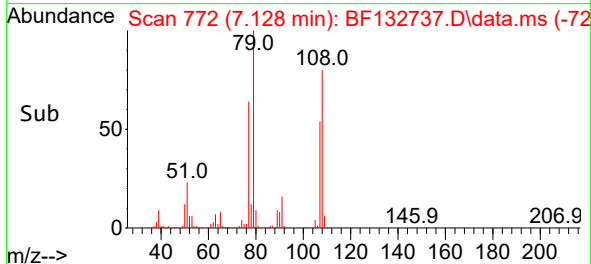
Instrument :
BNA_F
ClientSampleId :
PB151334BS



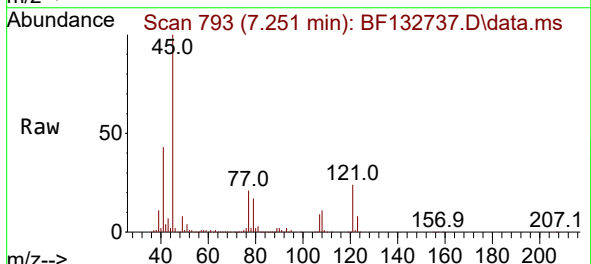
Tgt Ion: 79 Resp: 686880
Ion Ratio Lower Upper
79 100
108 80.5 60.2 90.4
77 63.7 49.9 74.9

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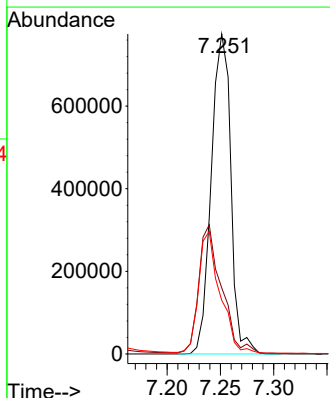
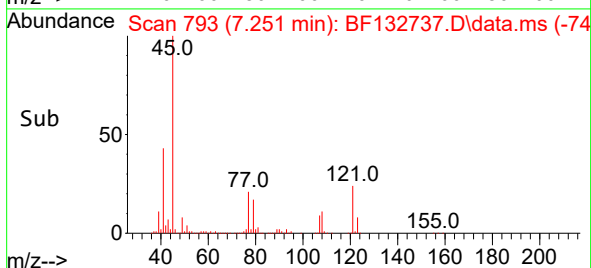
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

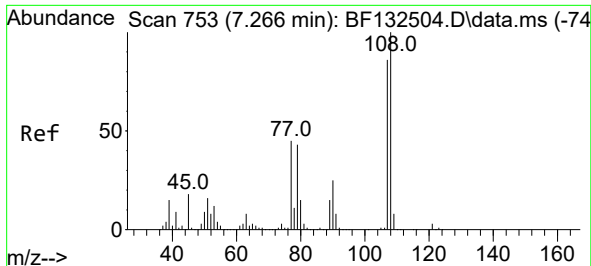


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.409 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



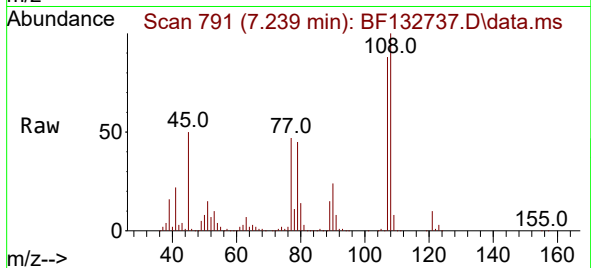
Tgt Ion: 45 Resp: 987958
Ion Ratio Lower Upper
45 100
77 20.7 0.0 36.4
79 16.8 0.0 33.4





#17
2-Methylphenol
Concen: 46.488 ng
RT: 7.239 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

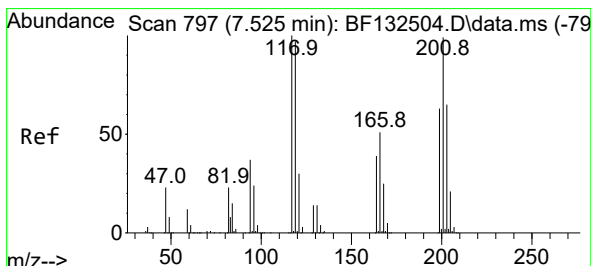
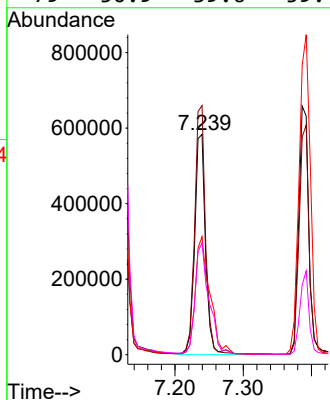
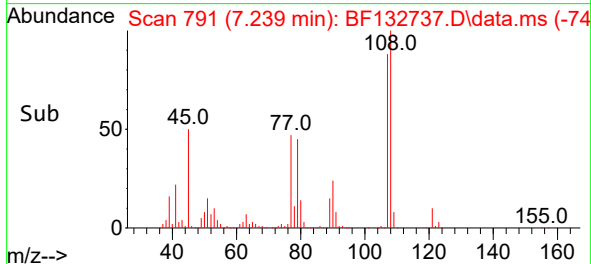
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:107 Resp: 65079
Ion Ratio Lower Upper
107 100
108 113.1 93.0 139.4
77 53.6 42.1 63.1
79 50.9 39.6 59.4

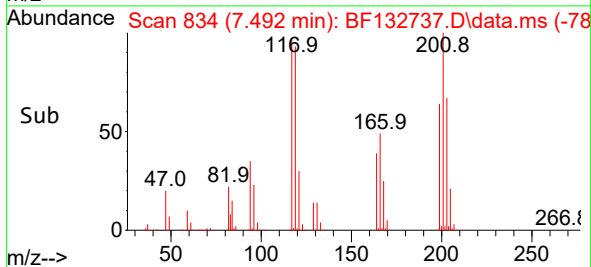
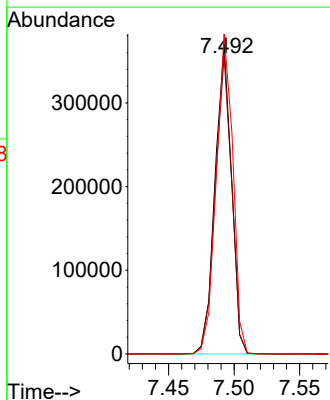
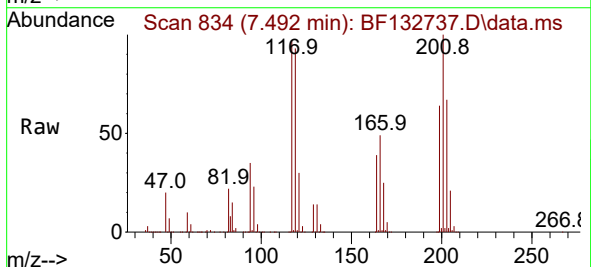
Manual Integrations
APPROVED

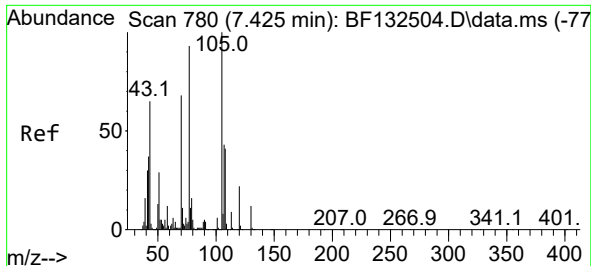
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#18
Hexachloroethane
Concen: 51.300 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

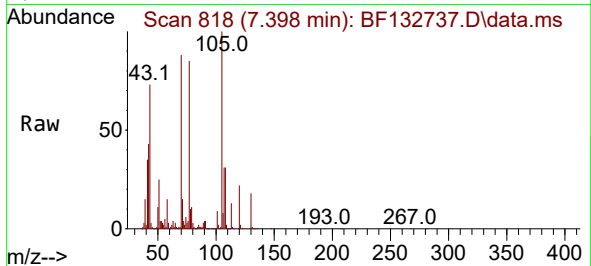
Tgt Ion:117 Resp: 322132
Ion Ratio Lower Upper
117 100
119 96.2 78.0 117.0
201 103.3 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.529 ng
RT: 7.398 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

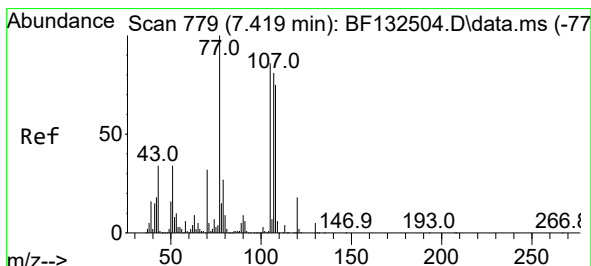
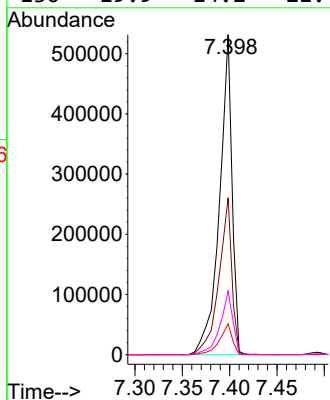
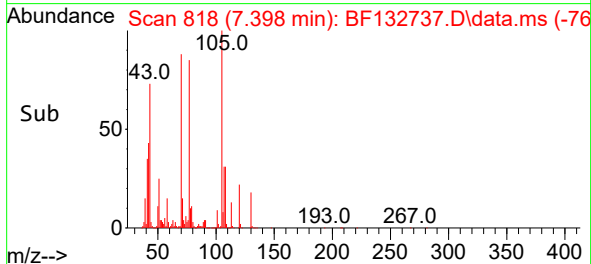
Instrument :
BNA_F
ClientSampleId :
PB151334BS



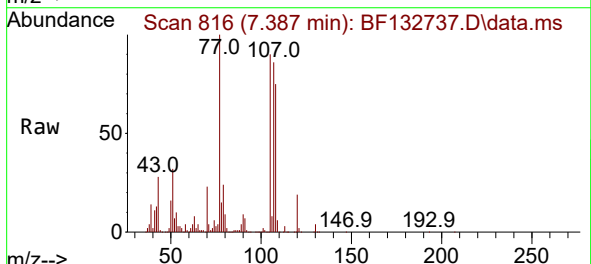
Tgt Ion: 70 Resp: 49369
Ion Ratio Lower Upper
70 100
42 49.1 44.1 66.1
101 9.7 7.4 11.2
130 19.9 14.2 21.4

Manual Integrations
APPROVED

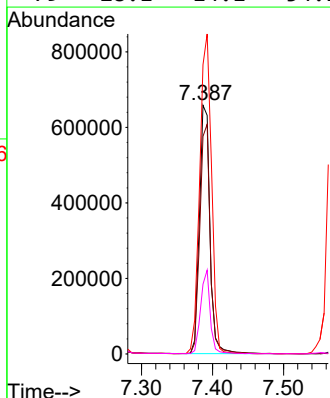
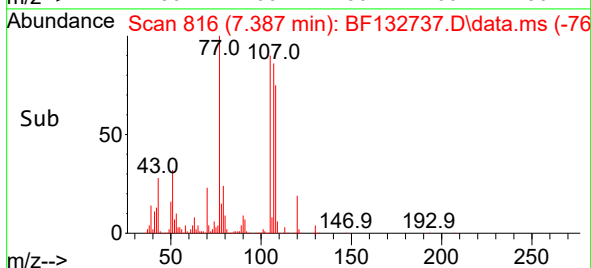
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

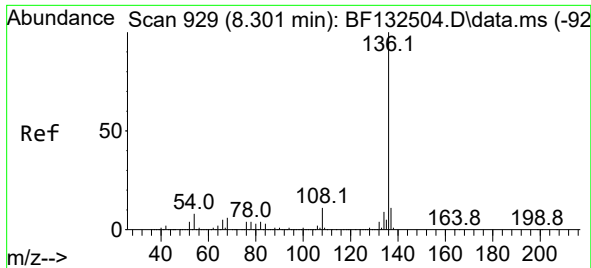


#20
3+4-Methylphenols
Concen: 37.591 ng
RT: 7.387 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



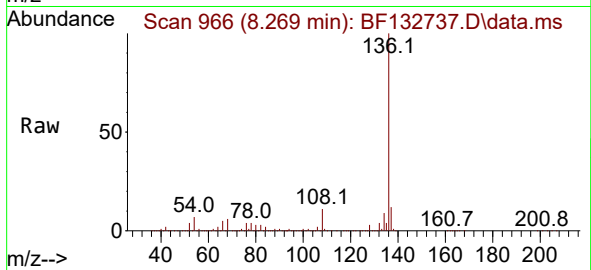
Tgt Ion:107 Resp: 679865
Ion Ratio Lower Upper
107 100
108 87.5 72.6 112.6
77 116.3 104.0 144.0
79 28.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 920364
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

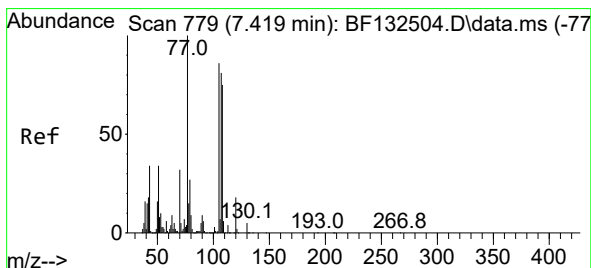
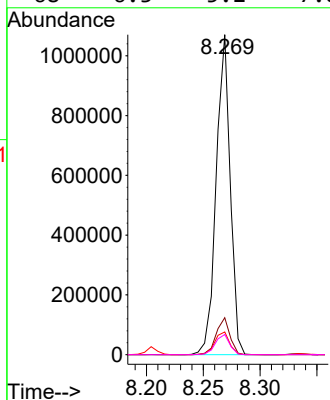
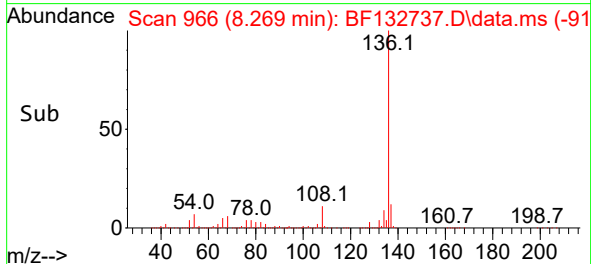
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:136 Resp: 920364
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 7.1 6.2 9.4
68 6.3 5.2 7.8

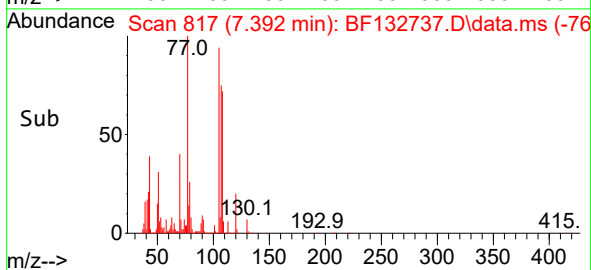
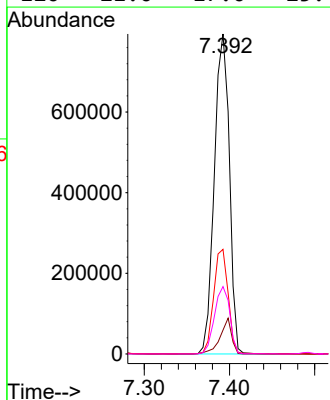
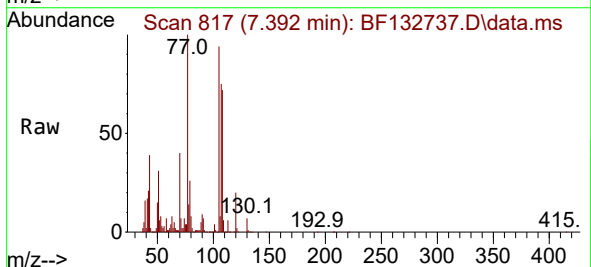
Manual Integrations
APPROVED

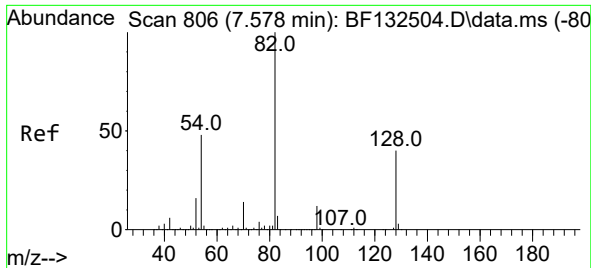
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#22
Acetophenone
Concen: 41.878 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:105 Resp: 971877
Ion Ratio Lower Upper
105 100
71 7.4 5.0 7.4
51 32.7 31.5 47.3
120 21.0 17.0 25.4





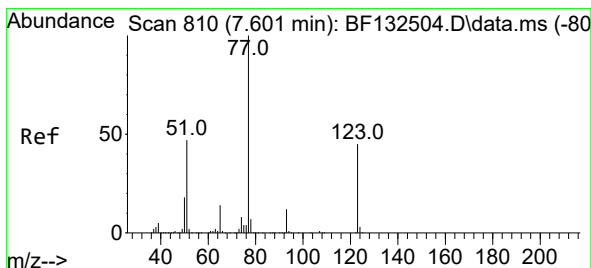
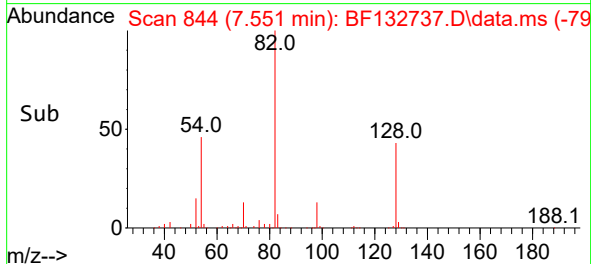
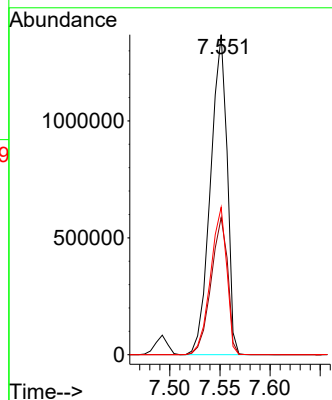
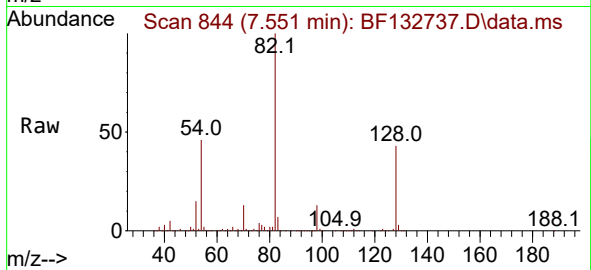
#23
Nitrobenzene-d5
Concen: 81.367 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB151334BS

Tgt Ion: 82 Resp: 157842
Ion Ratio Lower Upper
82 100
128 42.8 32.2 48.2
54 46.0 38.4 57.6

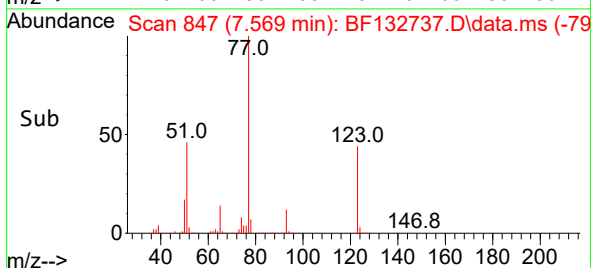
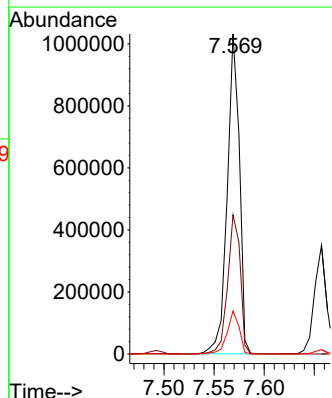
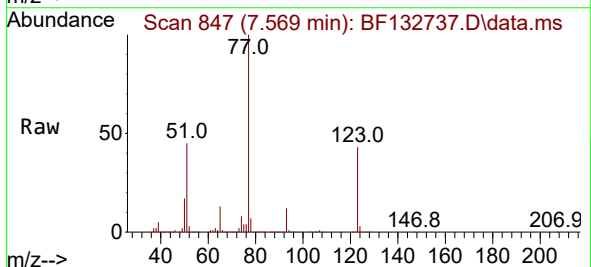
Manual Integrations
APPROVED

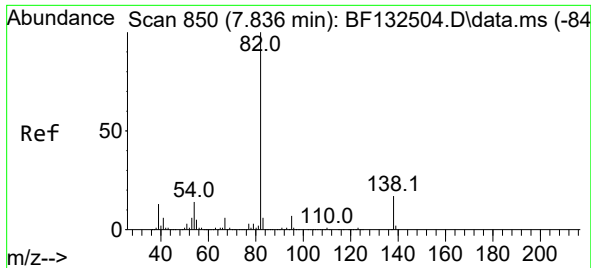
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#24
Nitrobenzene
Concen: 41.812 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion: 77 Resp: 867455
Ion Ratio Lower Upper
77 100
123 43.4 35.8 53.6
65 13.4 10.9 16.3





#25
Isophorone
Concen: 42.911 ng
RT: 7.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

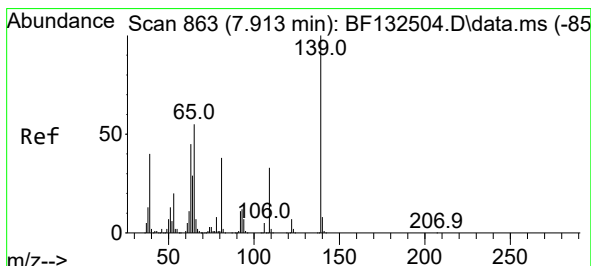
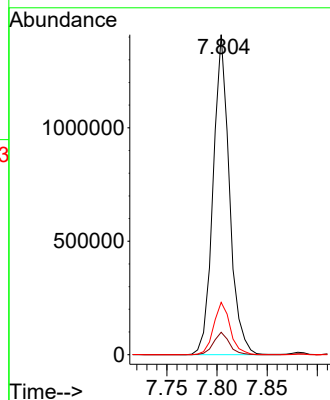
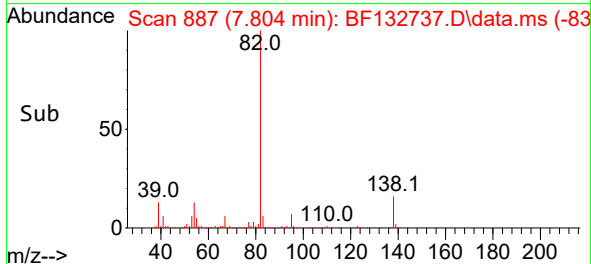
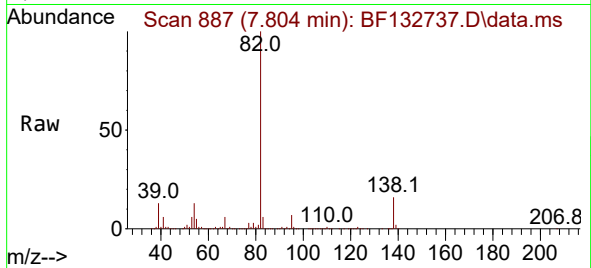
PB151334BS

Tgt Ion: 82 Resp: 1595949
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.3 13.3 19.9

Manual Integrations

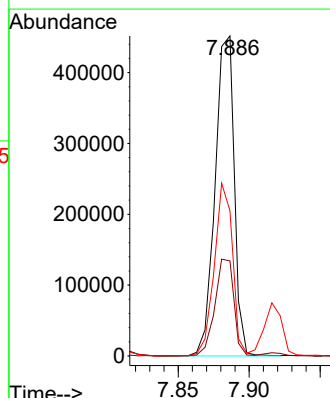
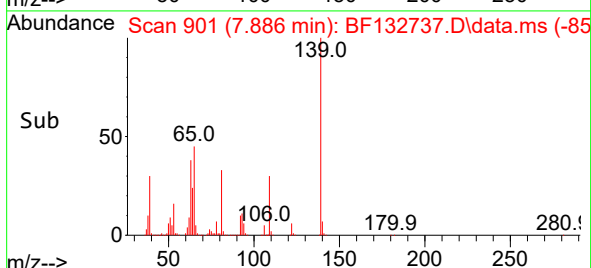
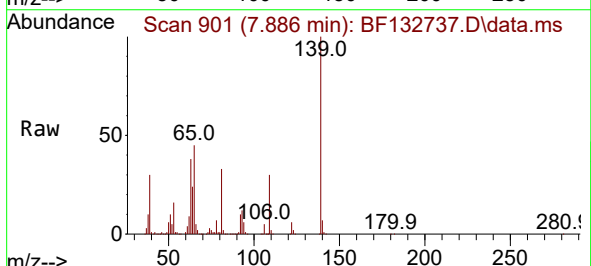
APPROVED

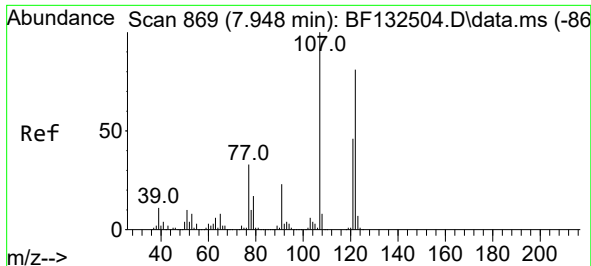
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#26
2-Nitrophenol
Concen: 46.469 ng
RT: 7.886 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:139 Resp: 425370
Ion Ratio Lower Upper
139 100
109 29.7 26.2 39.2
65 45.4 43.8 65.8





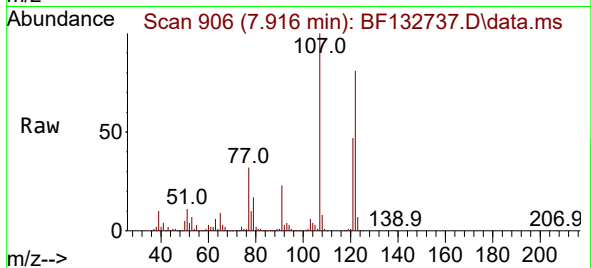
#27
2,4-Dimethylphenol
Concen: 44.603 ng
RT: 7.916 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

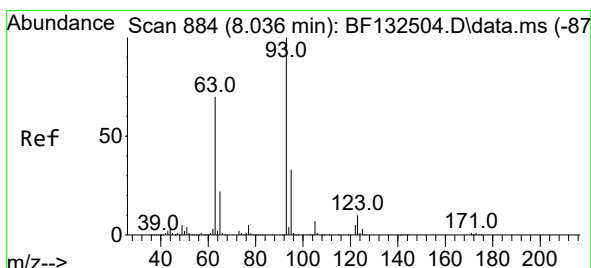
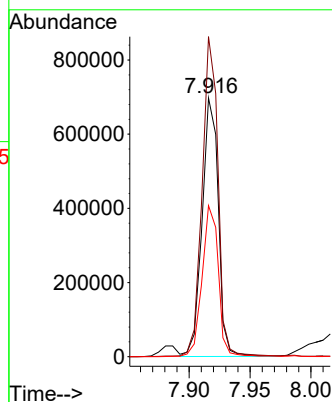
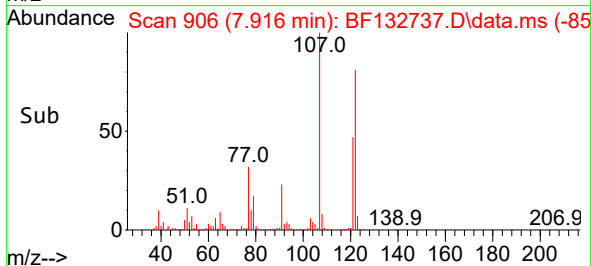


Tgt Ion:122 Resp: 644389
Ion Ratio Lower Upper
122 100
107 123.7 98.7 148.1
121 58.4 45.8 68.6

Manual Integrations

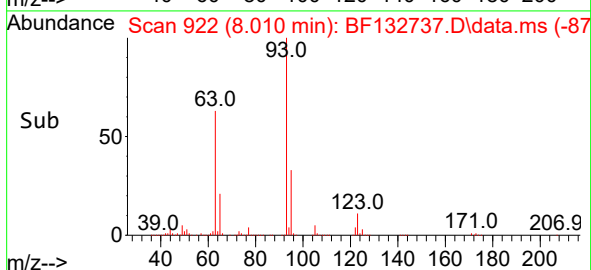
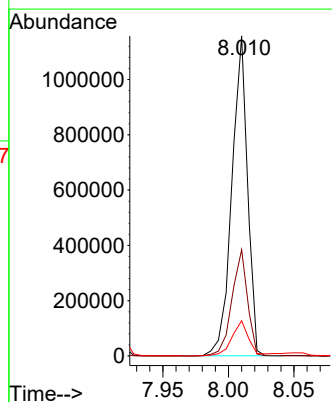
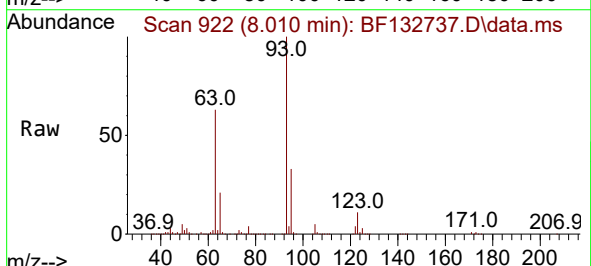
APPROVED

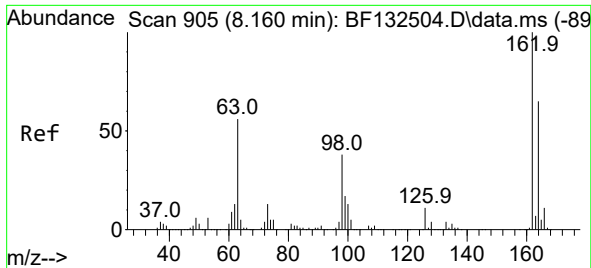
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.298 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion: 93 Resp: 963789
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.0 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 43.682 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

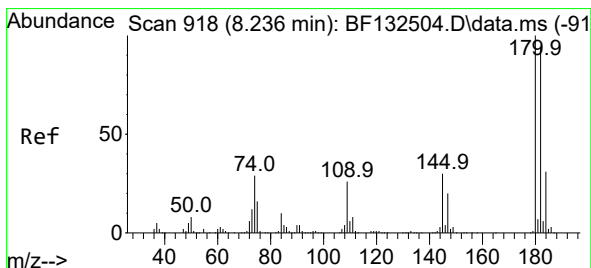
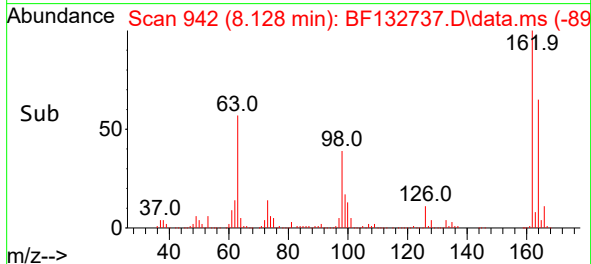
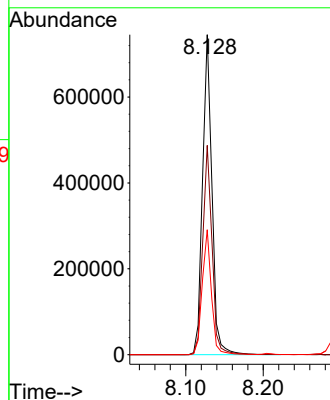
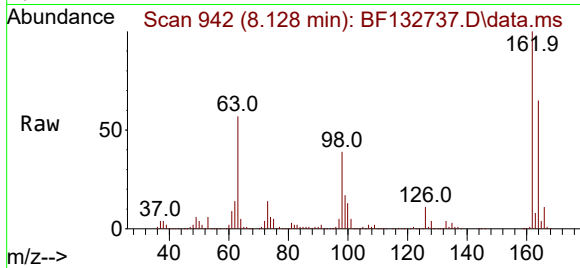
PB151334BS

Tgt Ion:162 Resp: 62777
 Ion Ratio Lower Upper
 162 100
 164 65.4 45.3 85.3
 98 39.1 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: 45.806 ng

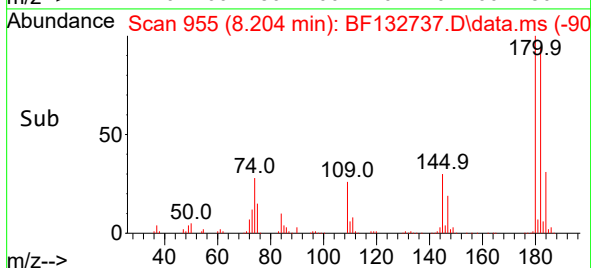
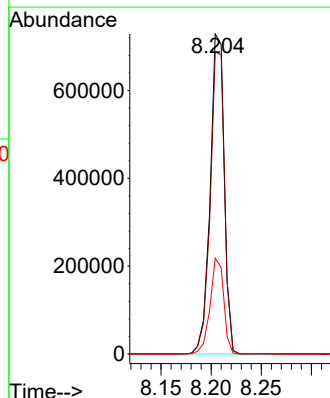
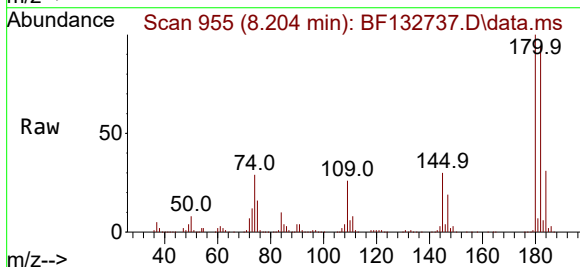
RT: 8.204 min Scan# 955

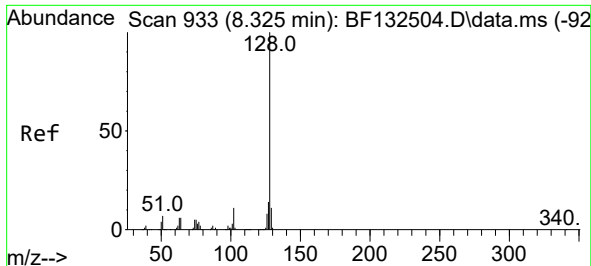
Delta R.T. -0.006 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

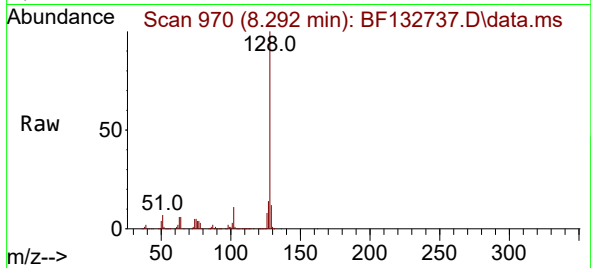
Tgt Ion:180 Resp: 714821
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.1 112.7
 145 30.0 23.8 35.6





#31
Naphthalene
Concen: 42.369 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

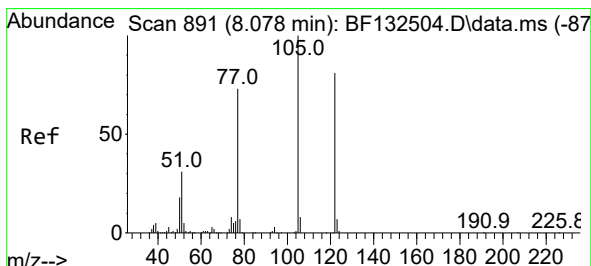
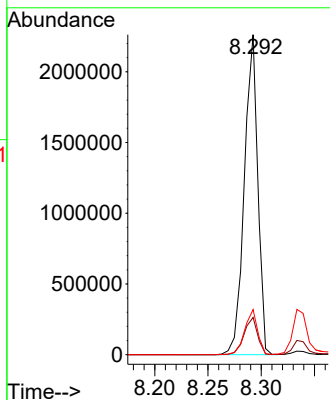
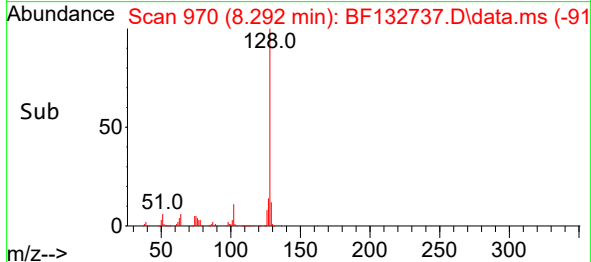
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:128 Resp: 1996280
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 14.1 11.0 16.6

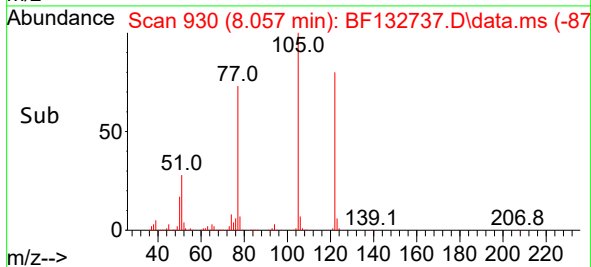
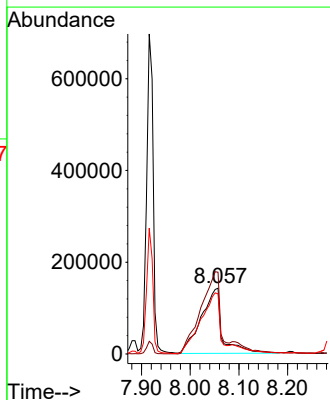
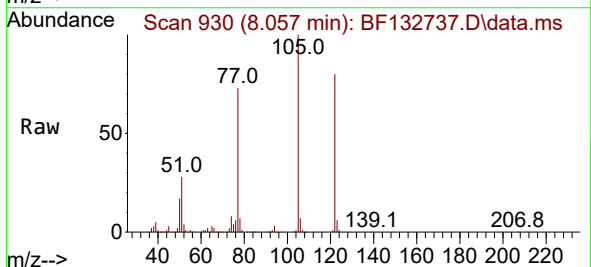
Manual Integrations
APPROVED

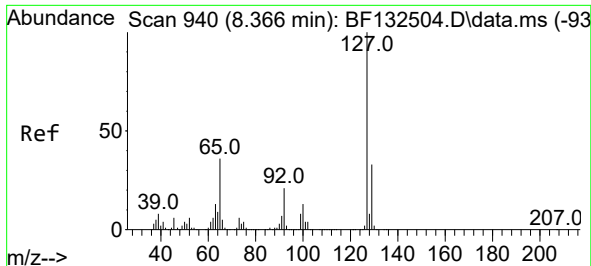
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#32
Benzoic acid
Concen: 38.627 ng
RT: 8.057 min Scan# 930
Delta R.T. 0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:122 Resp: 430494
Ion Ratio Lower Upper
122 100
105 124.4 102.6 142.6
77 91.4 70.2 110.2





#33
4-Chloroaniline
Concen: 16.750 ng
RT: 8.334 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

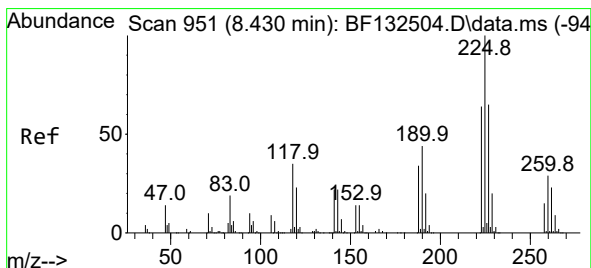
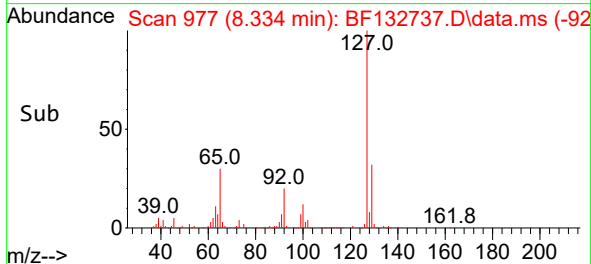
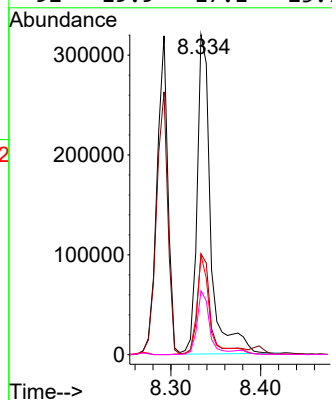
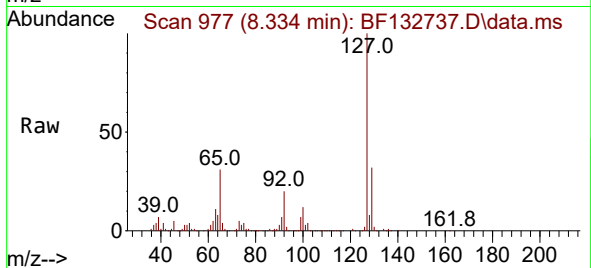
PB151334BS

Tgt Ion:127 Resp: 33820
Ion Ratio Lower Upper
127 100
129 31.5 26.4 39.6
65 31.1 28.8 43.2
92 19.9 17.1 25.7

Manual Integrations

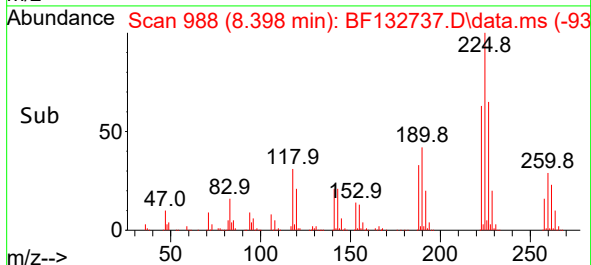
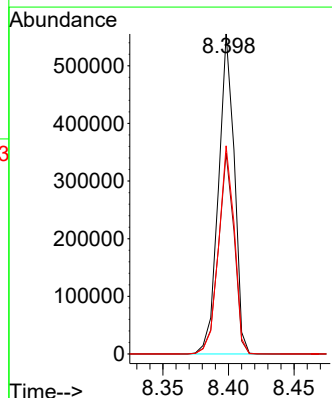
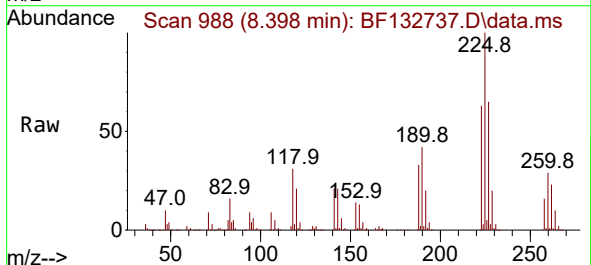
APPROVED

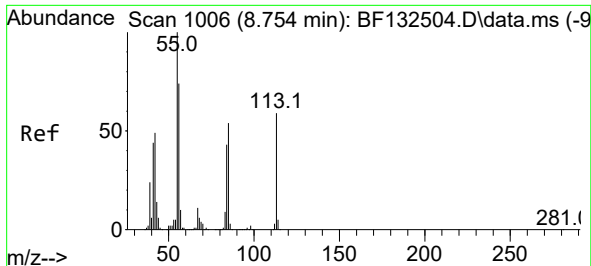
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#34
Hexachlorobutadiene
Concen: 46.834 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

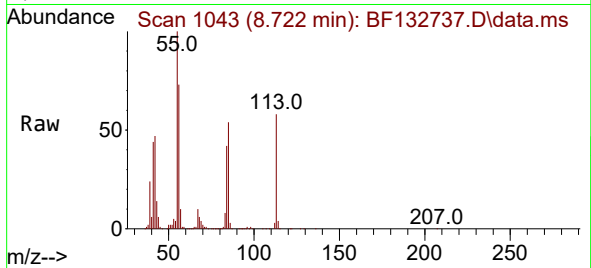
Tgt Ion:225 Resp: 464428
Ion Ratio Lower Upper
225 100
223 62.8 51.0 76.4
227 65.0 51.7 77.5





#35
Caprolactam
Concen: 46.176 ng m
RT: 8.722 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

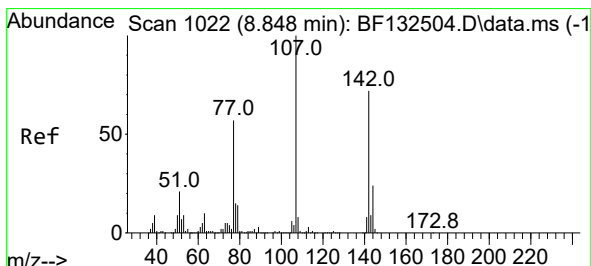
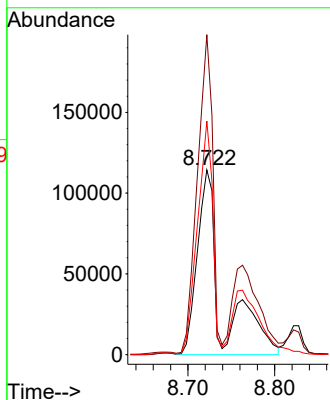
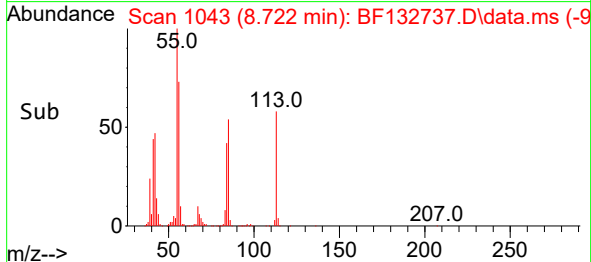
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:113 Resp: 218780
Ion Ratio Lower Upper
113 100
55 173.1 149.4 189.4
56 126.4 105.0 145.0

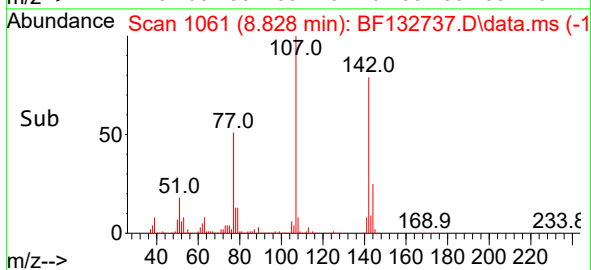
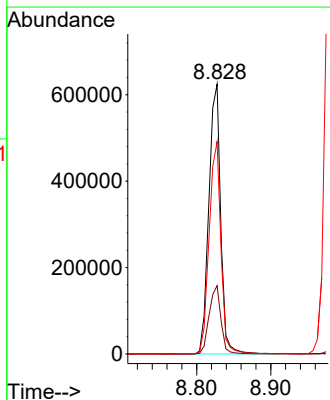
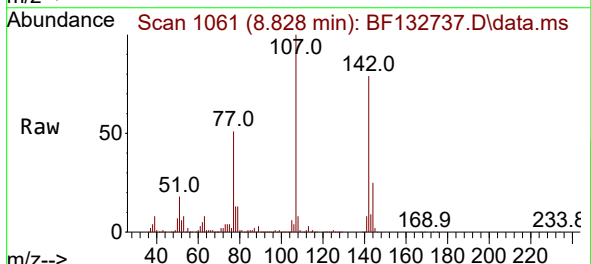
Manual Integrations
APPROVED

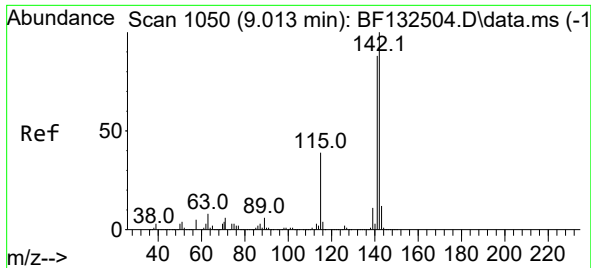
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#36
4-Chloro-3-methylphenol
Concen: 43.705 ng
RT: 8.828 min Scan# 1061
Delta R.T. 0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:107 Resp: 689796
Ion Ratio Lower Upper
107 100
144 25.4 18.9 28.3
142 78.7 57.9 86.9





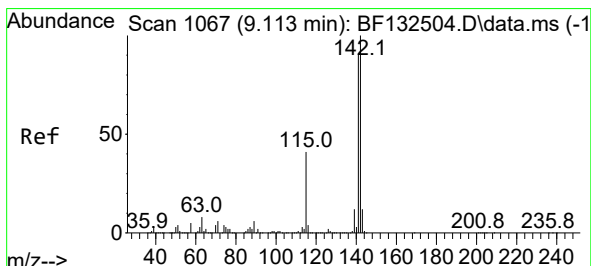
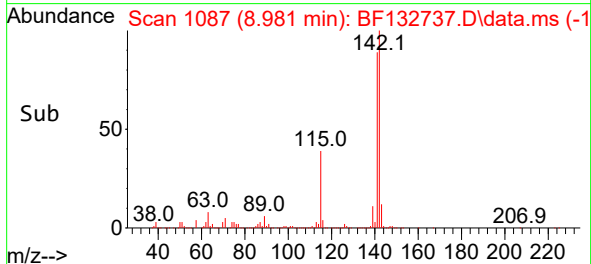
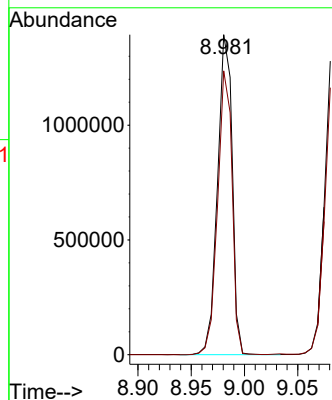
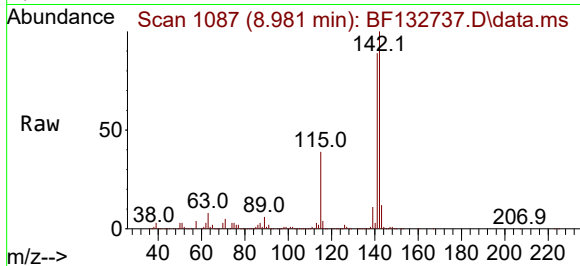
#37
2-Methylnaphthalene
Concen: 41.234 ng
RT: 8.981 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB151334BS

Tgt Ion:142 Resp: 1324015
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.2

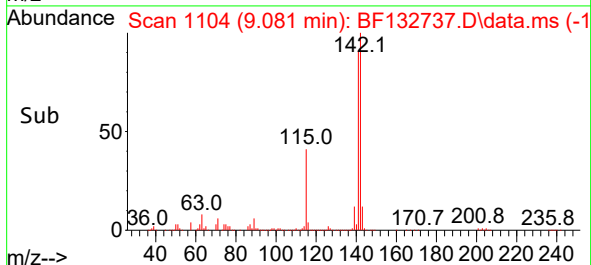
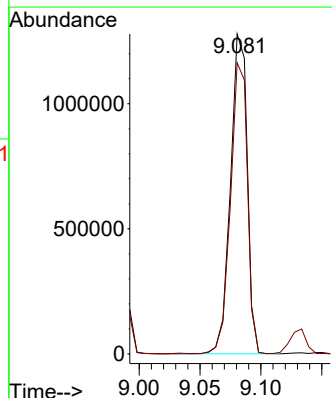
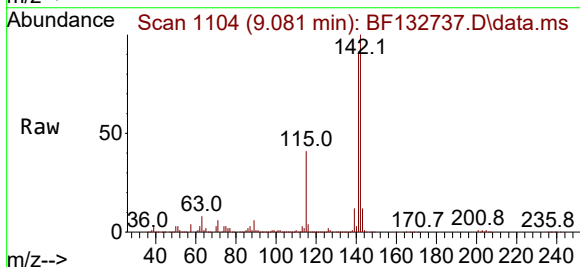
Manual Integrations
APPROVED

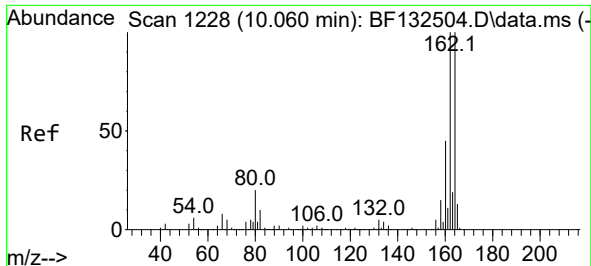
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#38
1-Methylnaphthalene
Concen: 40.880 ng
RT: 9.081 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:142 Resp: 1226731
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6





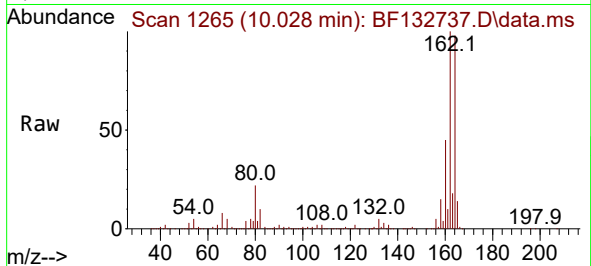
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

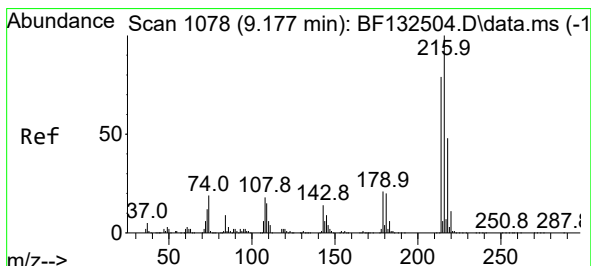
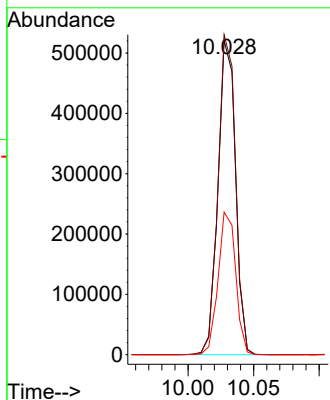
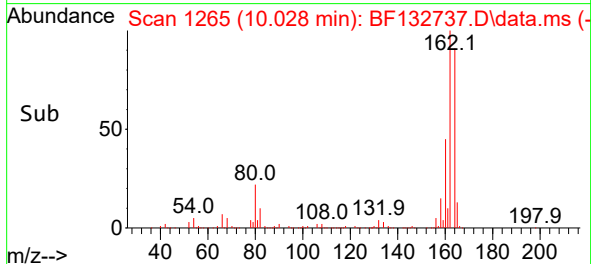


Tgt Ion:164 Resp: 482349
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.8
160 45.4 35.8 53.6

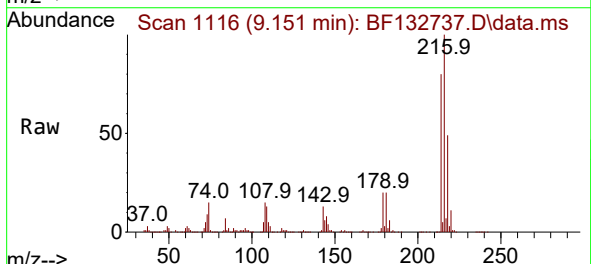
Manual Integrations

APPROVED

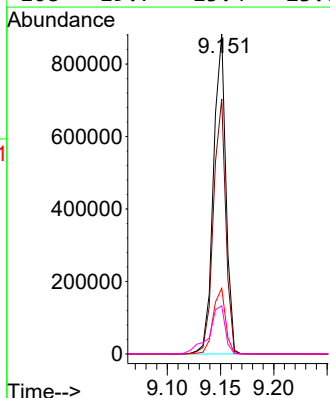
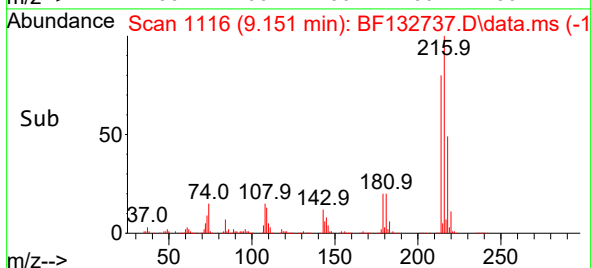
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

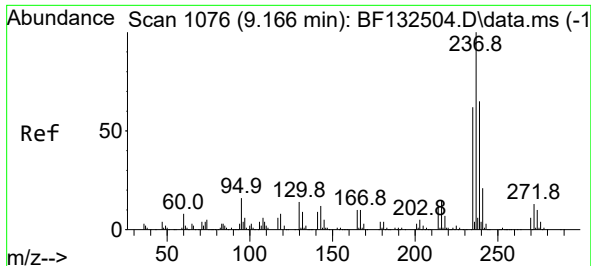


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.420 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



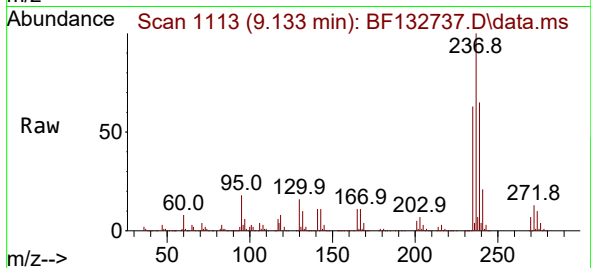
Tgt Ion:216 Resp: 716793
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.6
179 20.5 16.6 24.8
108 19.7 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 94.981 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

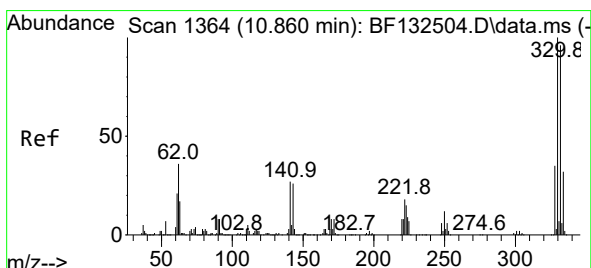
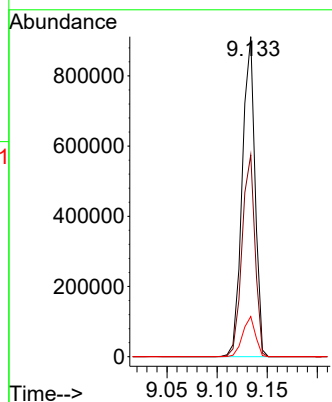
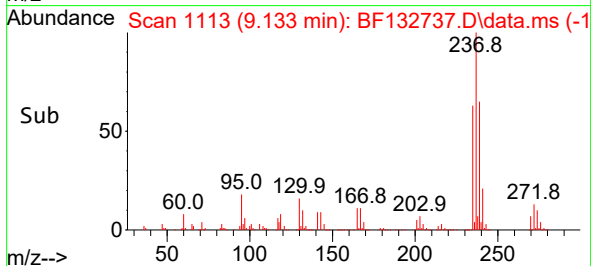
Instrument :
BNA_F
ClientSampleId :
PB151334BS



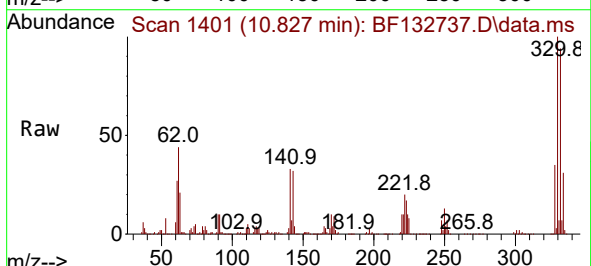
Tgt Ion:237 Resp: 81300
Ion Ratio Lower Upper
237 100
235 63.0 42.4 82.4
272 12.5 0.0 32.7

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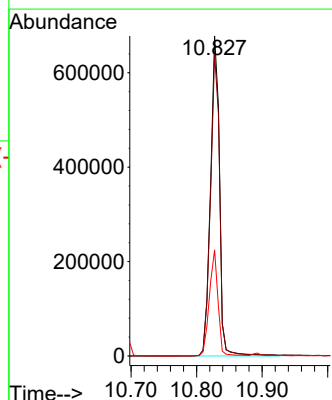
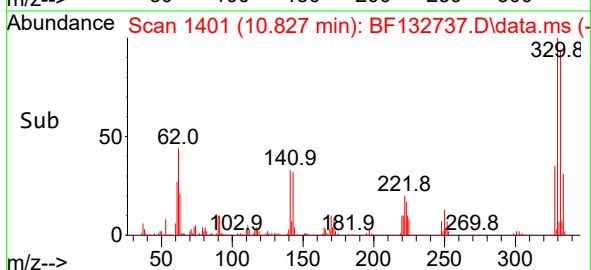
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

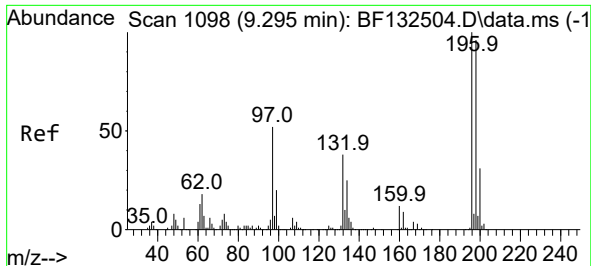


#42
2,4,6-Tribromophenol
Concen: 124.993 ng
RT: 10.827 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



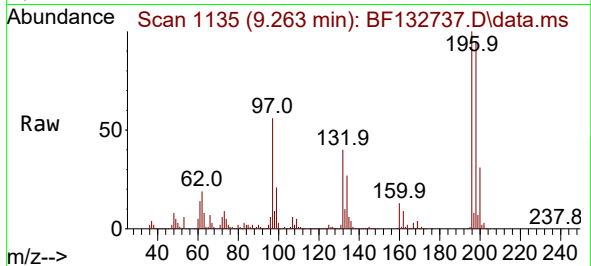
Tgt Ion:330 Resp: 651107
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 31.7 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 43.998 ng
RT: 9.263 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

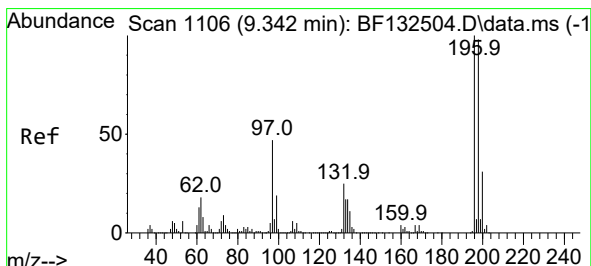
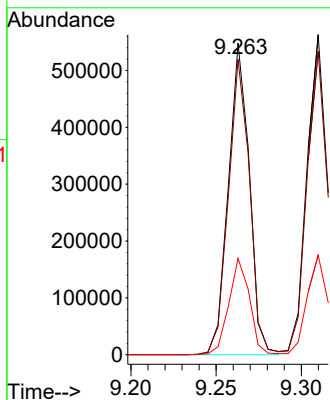
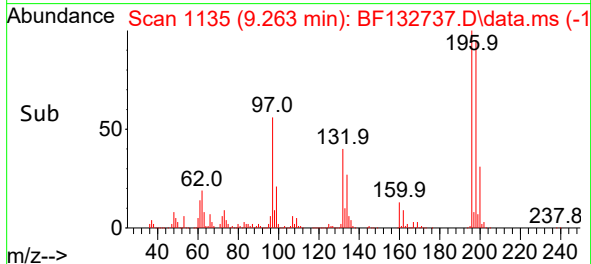
Instrument :
BNA_F
ClientSampleId :
PB151334BS



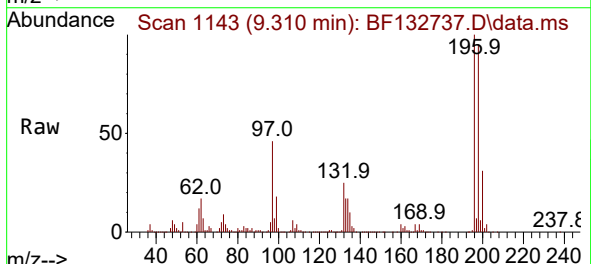
Tgt Ion:196 Resp: 47055
Ion Ratio Lower Upper
196 100
198 94.8 77.1 115.7
200 30.9 25.0 37.4

Manual Integrations
APPROVED

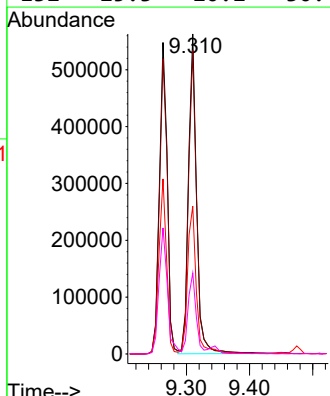
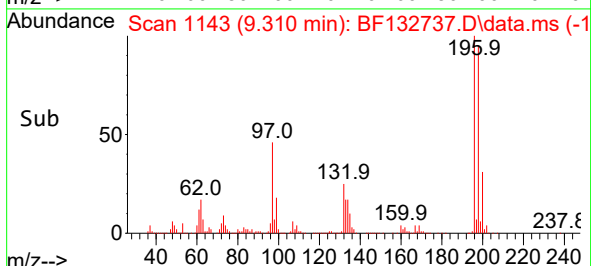
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

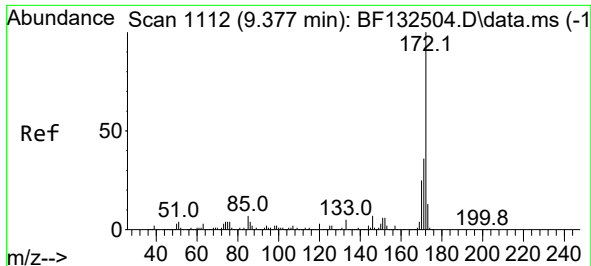


#44
2,4,5-Trichlorophenol
Concen: 40.857 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



Tgt Ion:196 Resp: 509992
Ion Ratio Lower Upper
196 100
198 94.9 78.3 117.5
97 46.2 38.1 57.1
132 25.3 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 77.039 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

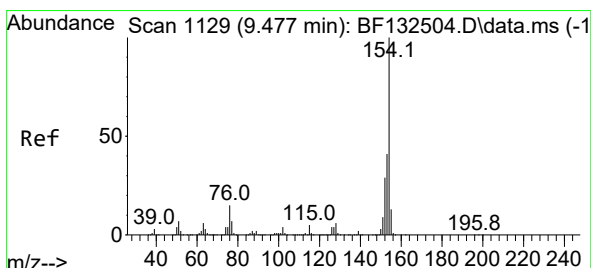
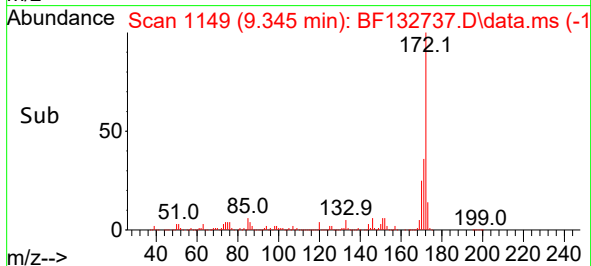
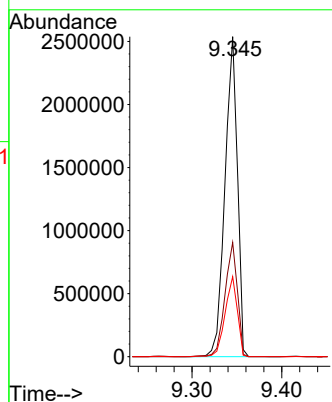
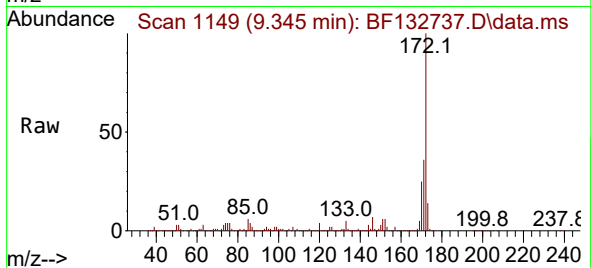
PB151334BS

Tgt Ion:172 Resp: 2440428
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 25.0 19.7 29.5

Manual Integrations

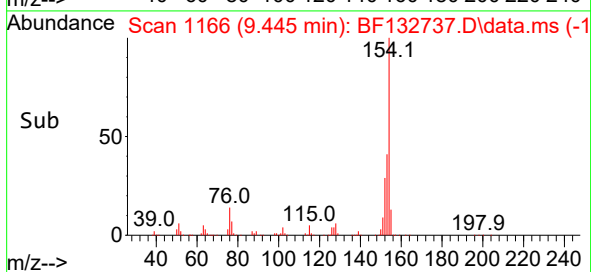
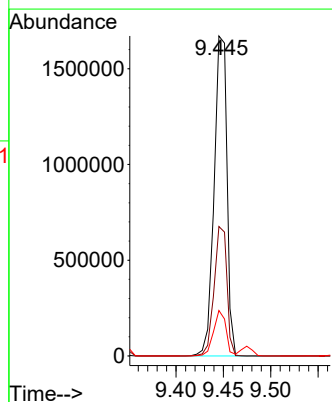
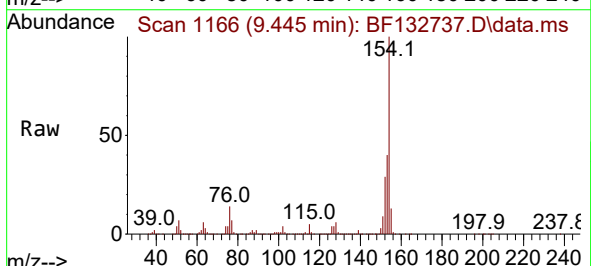
APPROVED

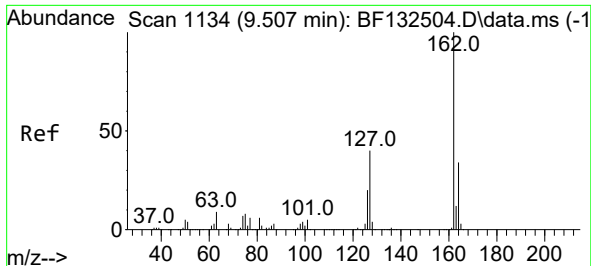
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#46
1,1'-Biphenyl
Concen: 43.371 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:154 Resp: 1583403
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 14.2 0.0 34.7





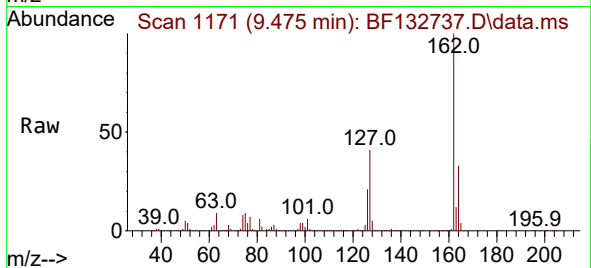
#47
2-Chloronaphthalene
Concen: 44.142 ng
RT: 9.475 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

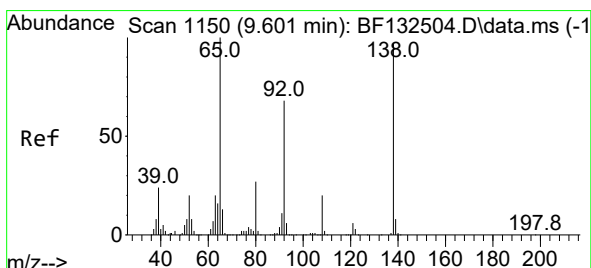
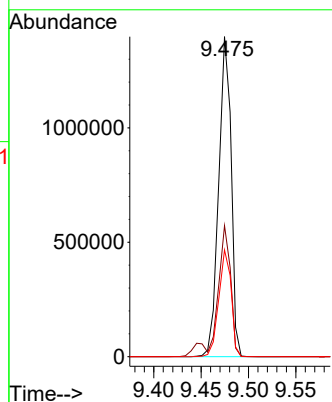
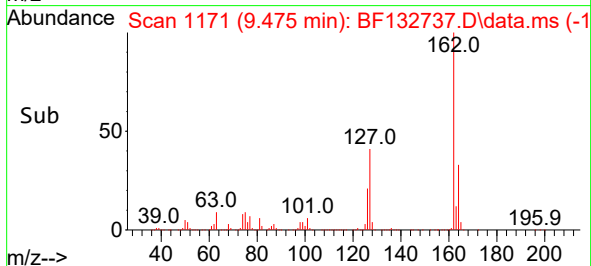


Tgt Ion:162 Resp: 127771
Ion Ratio Lower Upper
162 100
127 40.9 32.3 48.5
164 33.4 26.9 40.3

Manual Integrations

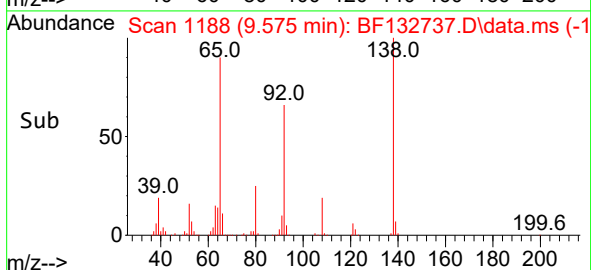
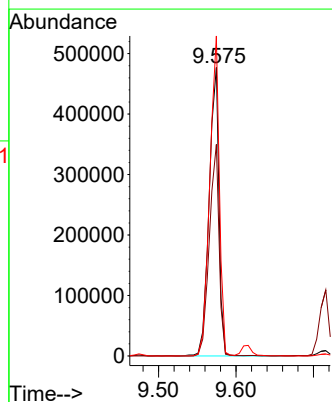
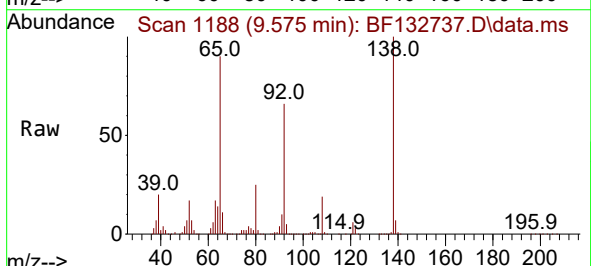
APPROVED

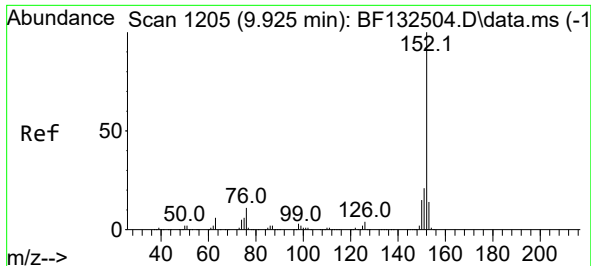
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#48
2-Nitroaniline
Concen: 39.404 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion: 65 Resp: 420075
Ion Ratio Lower Upper
65 100
92 73.3 54.5 81.7
138 110.9 77.2 115.8





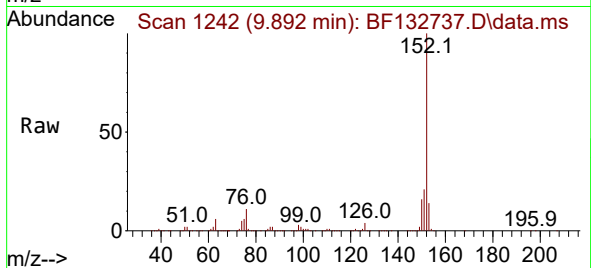
#49
Acenaphthylene
Concen: 41.900 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

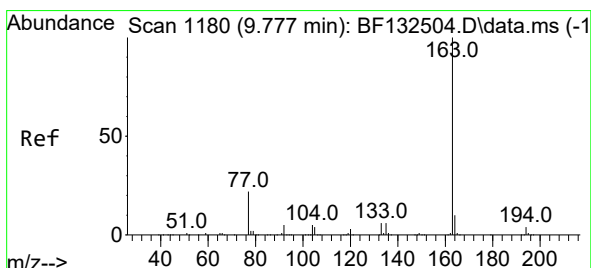
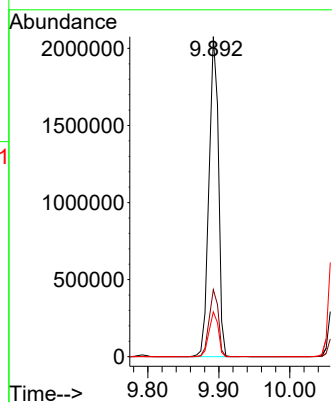
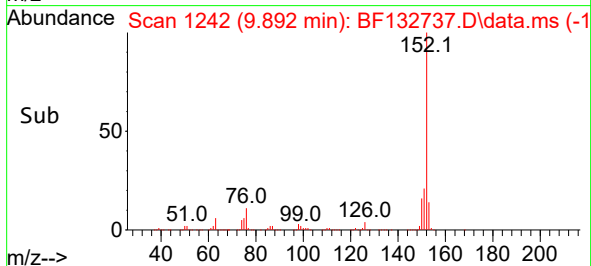


Tgt Ion:152 Resp: 193019
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 14.0 11.0 16.6

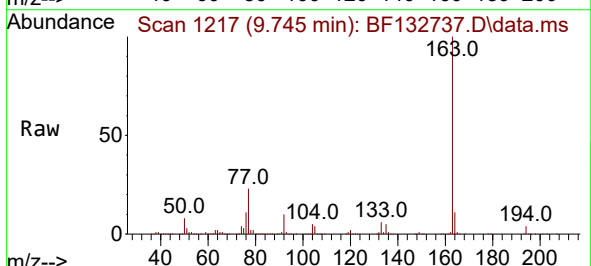
Manual Integrations

APPROVED

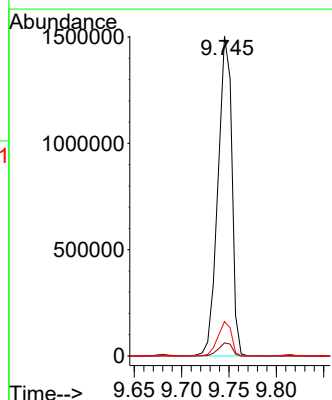
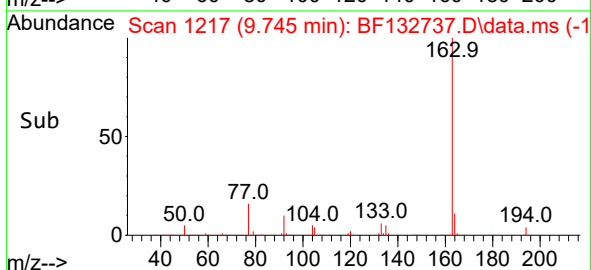
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

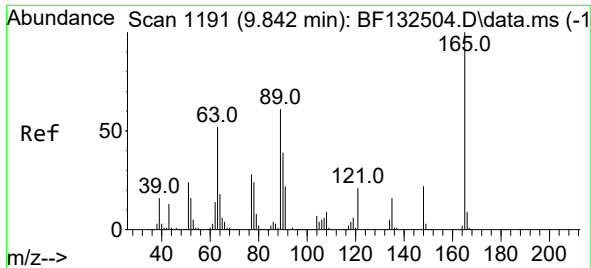


#50
Dimethylphthalate
Concen: 43.777 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



Tgt Ion:163 Resp: 1537512
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.8 8.3 12.5





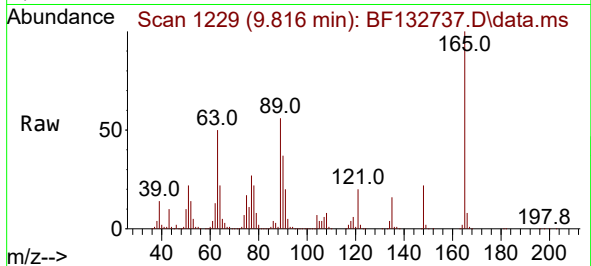
#51
2,6-Dinitrotoluene
Concen: 43.766 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

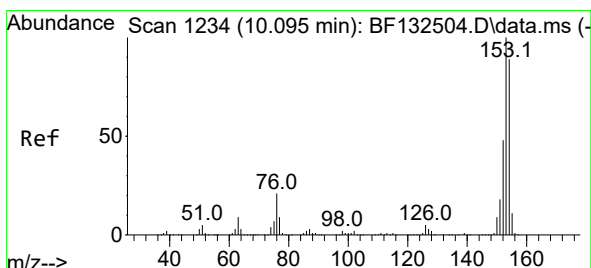
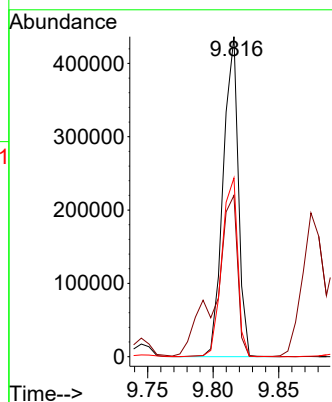
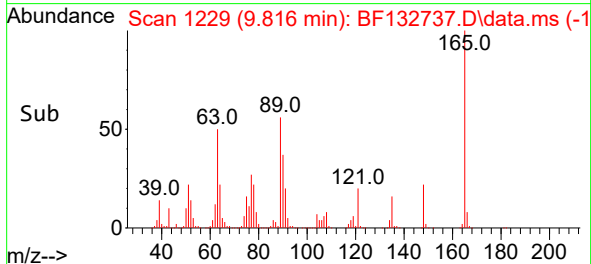


Tgt Ion:165 Resp: 35005
Ion Ratio Lower Upper
165 100
63 50.4 47.3 70.9
89 55.8 48.9 73.3

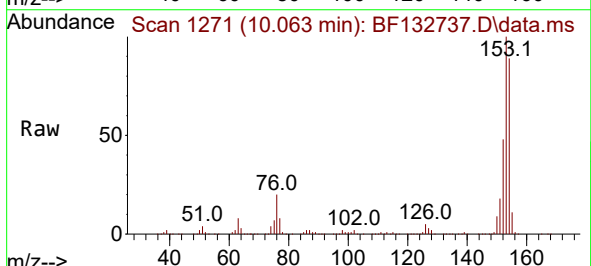
Manual Integrations

APPROVED

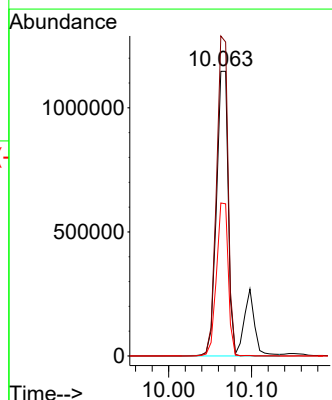
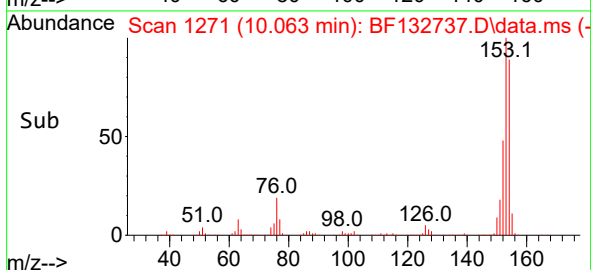
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

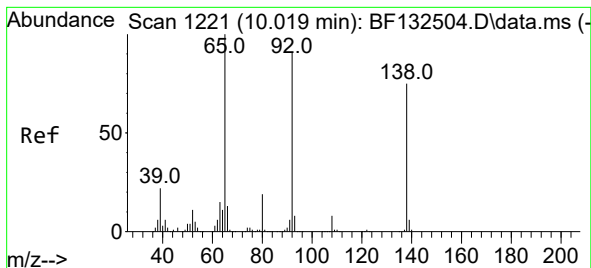


#52
Acenaphthene
Concen: 46.712 ng m
RT: 10.063 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



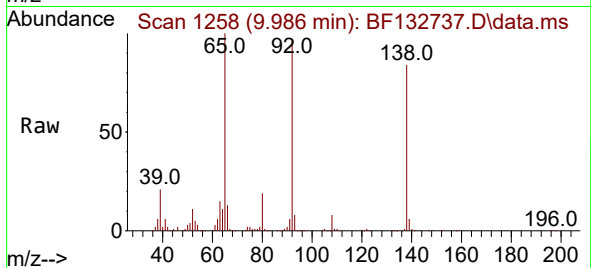
Tgt Ion:154 Resp: 1366418
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 53.7 43.3 64.9





#53
3-Nitroaniline
Concen: 27.616 ng
RT: 9.986 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

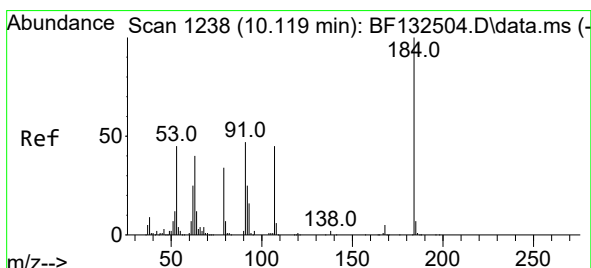
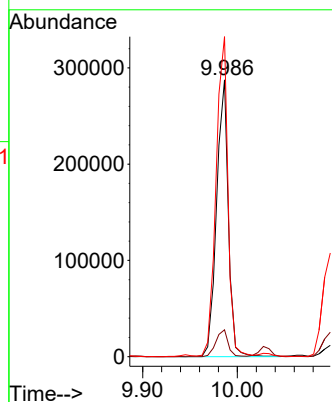
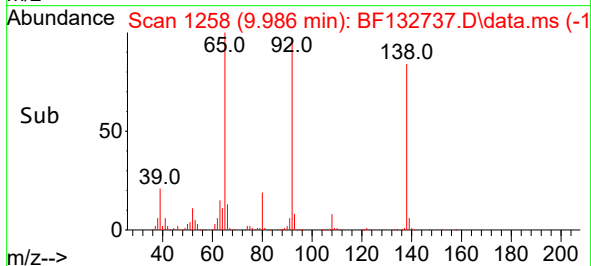
Instrument :
BNA_F
ClientSampleId :
PB151334BS



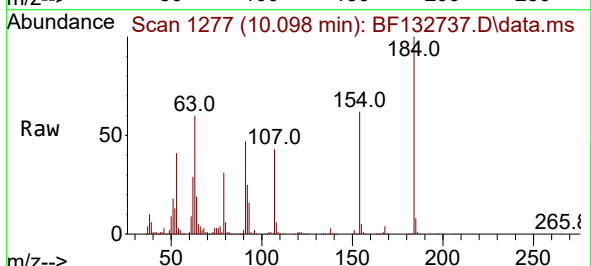
Tgt Ion:138 Resp: 247085
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 115.6 97.2 145.8

Manual Integrations
APPROVED

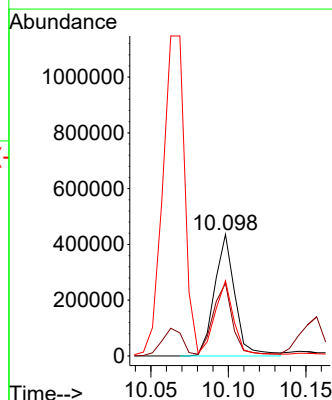
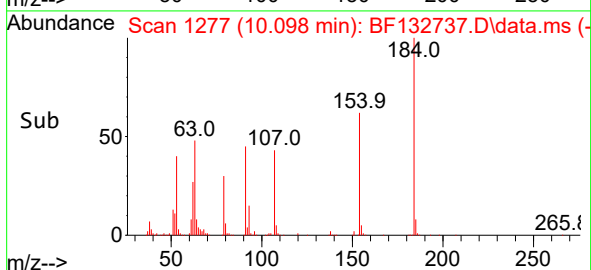
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

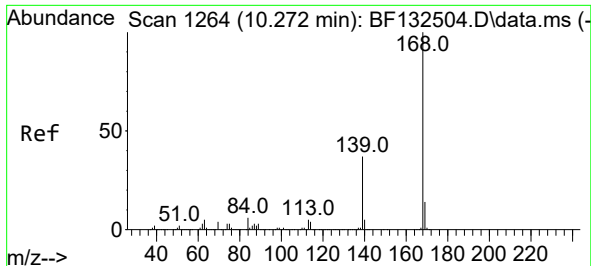


#54
2,4-Dinitrophenol
Concen: 79.393 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



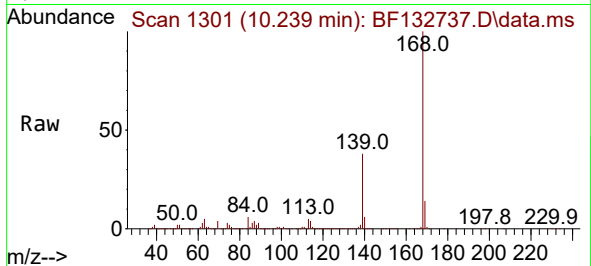
Tgt Ion:184 Resp: 400095
Ion Ratio Lower Upper
184 100
63 59.7 51.4 77.2
154 61.9 48.3 72.5





#55
Dibenzenofuran
Concen: 40.604 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

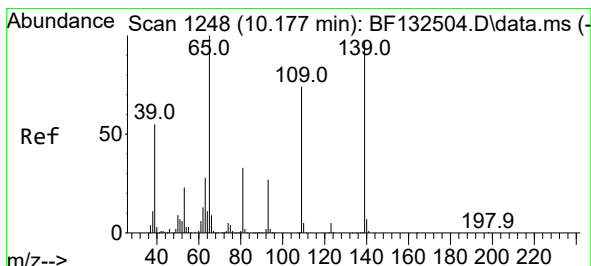
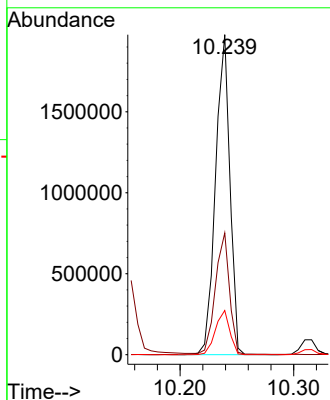
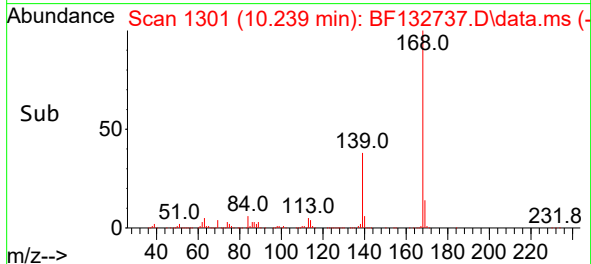
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:168 Resp: 1731535
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 13.8 10.9 16.3

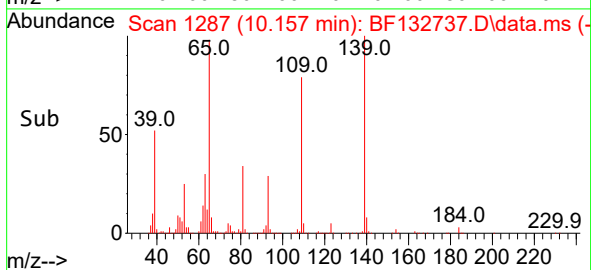
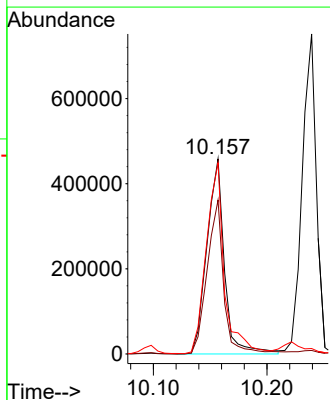
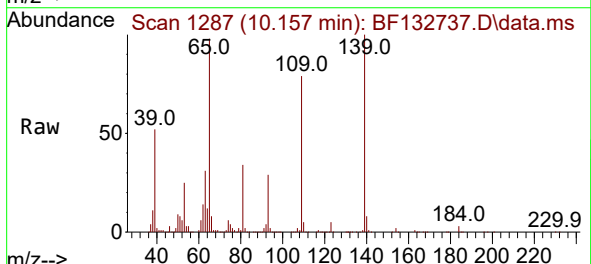
Manual Integrations
APPROVED

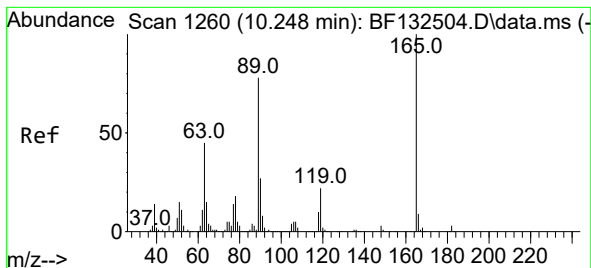
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#56
4-Nitrophenol
Concen: 73.665 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

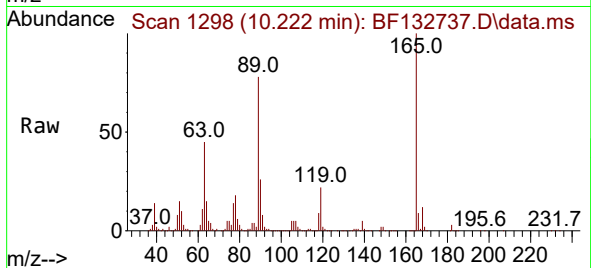
Tgt Ion:139 Resp: 491535
Ion Ratio Lower Upper
139 100
109 78.9 56.7 96.7
65 98.0 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 43.769 ng
RT: 10.222 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

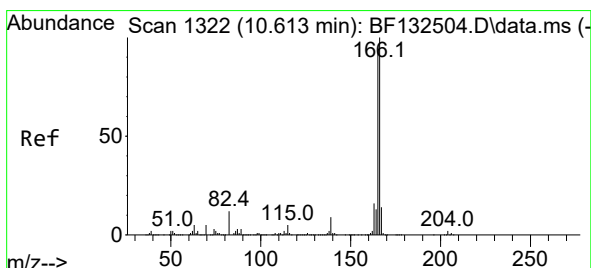
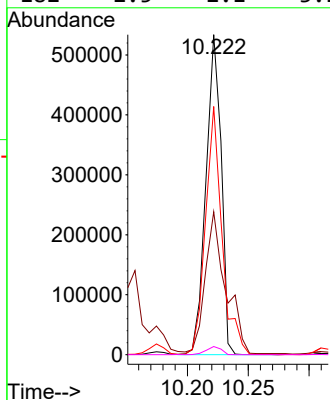
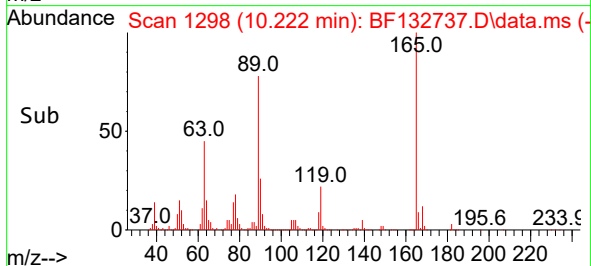
Instrument :
BNA_F
ClientSampleId :
PB151334BS



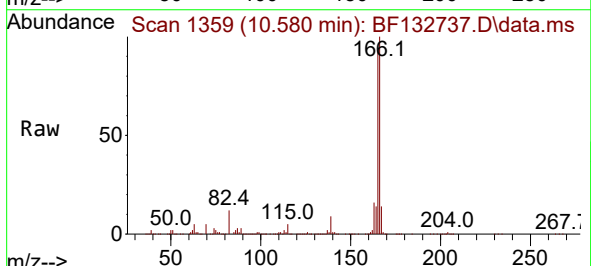
Tgt Ion:165 Resp: 465744
Ion Ratio Lower Upper
165 100
63 44.6 36.5 54.7
89 77.5 62.4 93.6
182 2.5 2.1 3.1

Manual Integrations
APPROVED

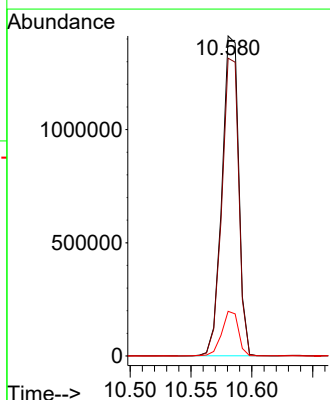
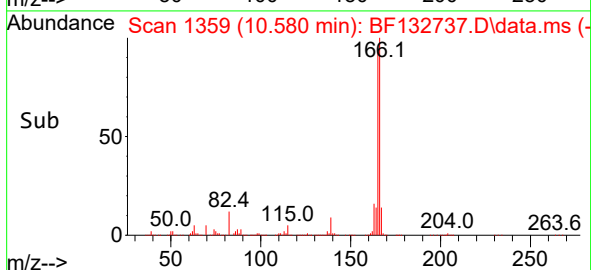
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

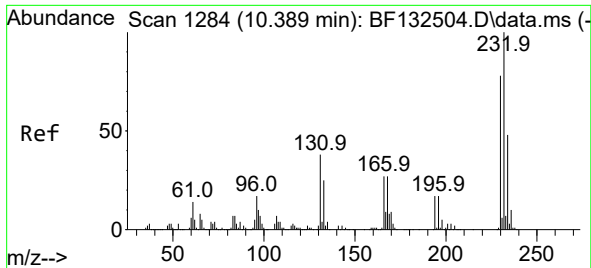


#58
Fluorene
Concen: 41.497 ng
RT: 10.580 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



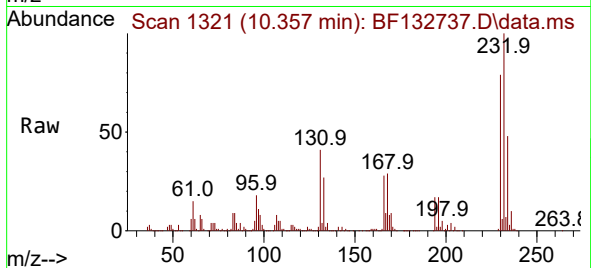
Tgt Ion:166 Resp: 1353591
Ion Ratio Lower Upper
166 100
165 93.0 74.2 111.4
167 14.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.022 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

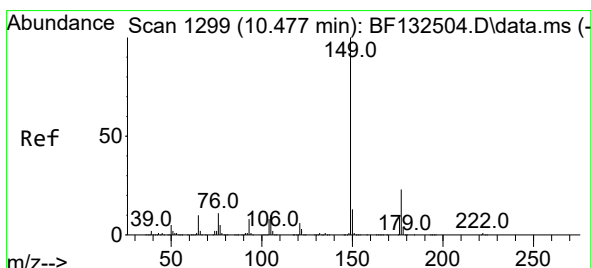
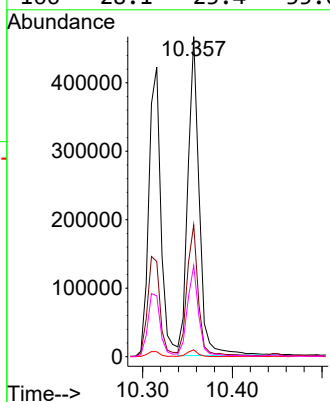
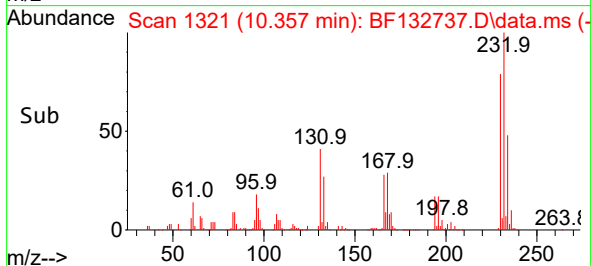
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:232 Resp: 408190
Ion Ratio Lower Upper
232 100
131 40.1 33.8 50.8
130 1.9 1.7 2.5
166 28.1 23.4 35.0

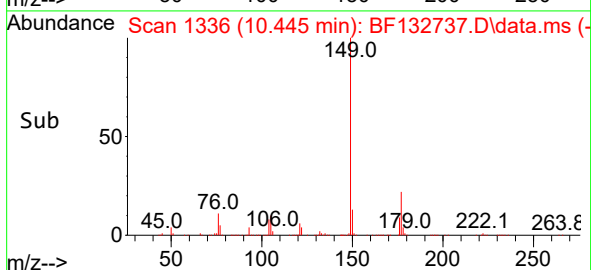
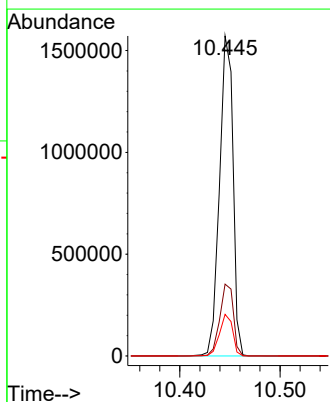
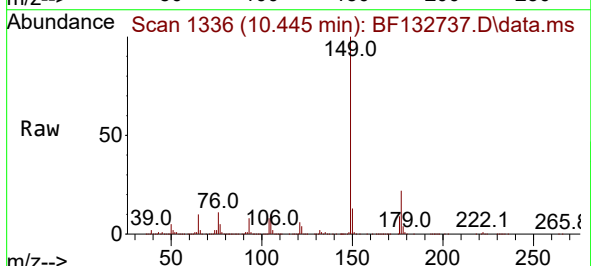
Manual Integrations
APPROVED

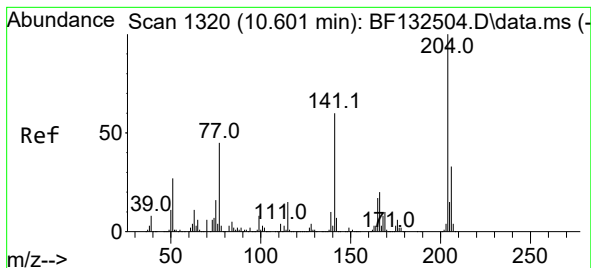
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#60
Diethylphthalate
Concen: 42.690 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

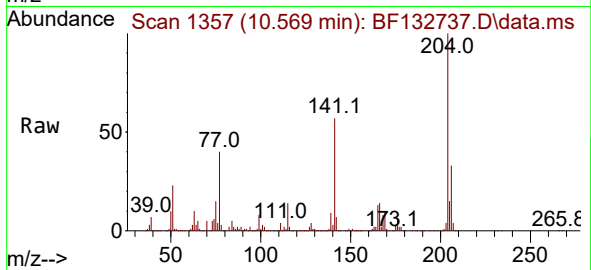
Tgt Ion:149 Resp: 1464296
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.678 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

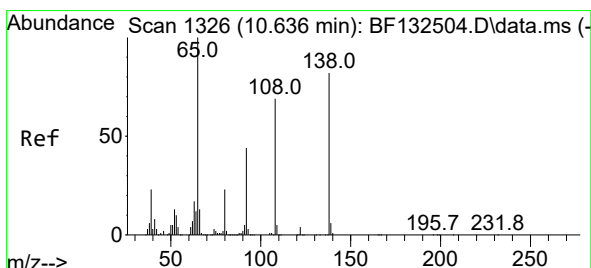
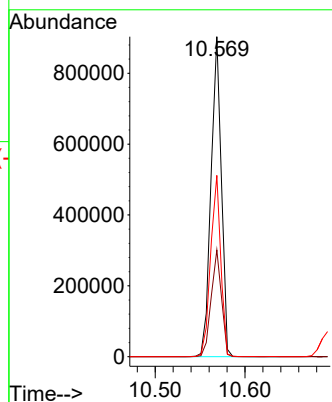
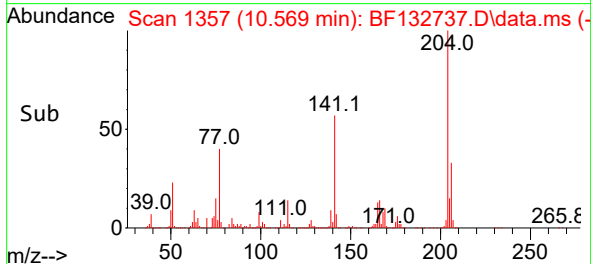
Instrument :
BNA_F
ClientSampleId :
PB151334BS



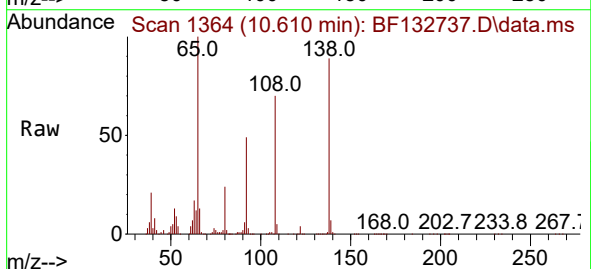
Tgt Ion:204 Resp: 722190
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 56.7 47.8 71.8

Manual Integrations
APPROVED

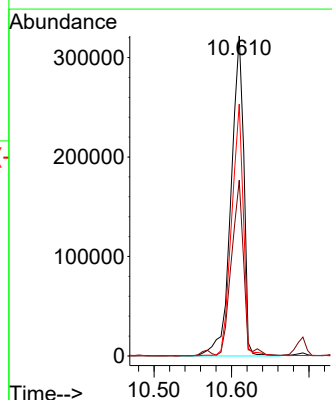
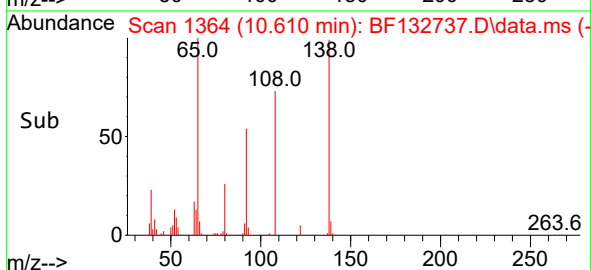
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

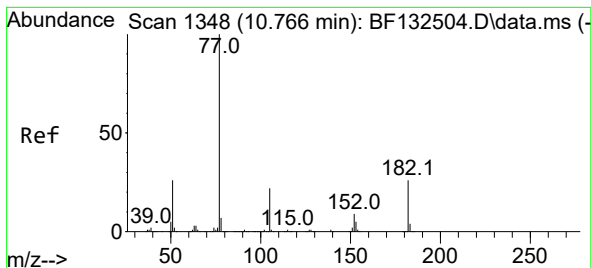


#62
4-Nitroaniline
Concen: 42.049 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



Tgt Ion:138 Resp: 369306
Ion Ratio Lower Upper
138 100
92 54.9 33.8 73.8
108 78.7 63.7 103.7





#63

Azobenzene

Concen: 40.918 ng

RT: 10.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

Tgt Ion: 77 Resp: 1486440

Ion Ratio Lower Upper

77 100

182 26.6 5.5 45.5

105 22.2 1.8 41.8

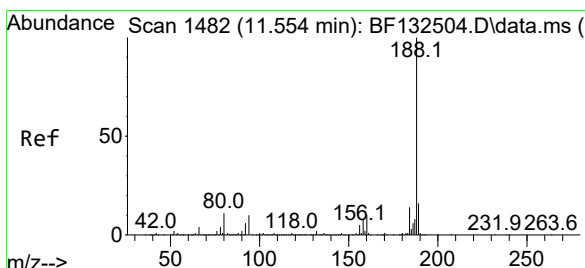
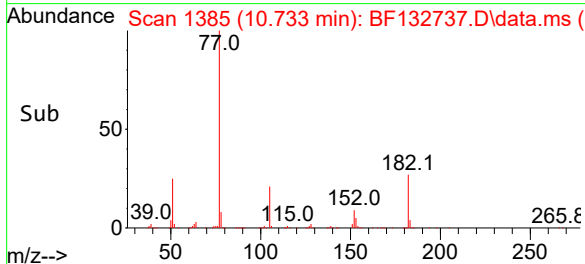
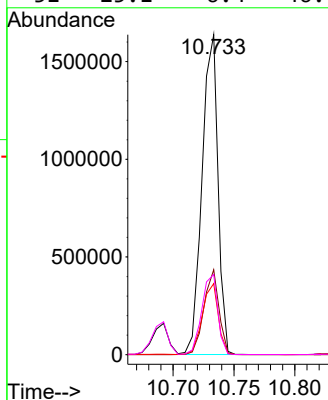
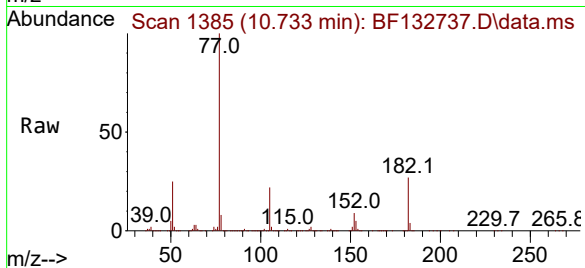
51 25.1 6.4 46.4

Manual Integrations

APPROVED

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: BF132737.D

Acq: 10 Mar 2023 12:48

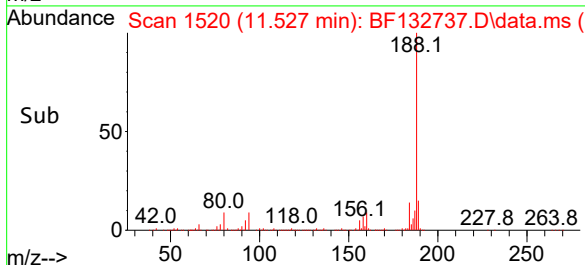
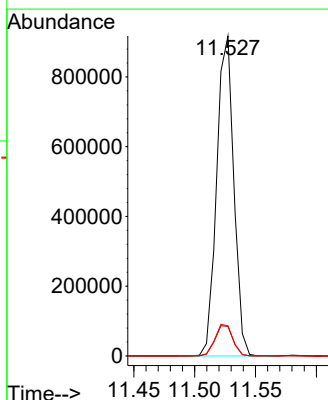
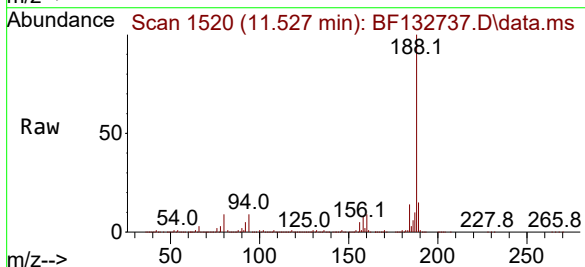
Tgt Ion:188 Resp: 900493

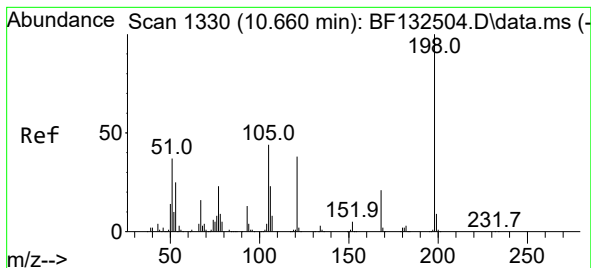
Ion Ratio Lower Upper

188 100

94 9.3 8.3 12.5

80 9.4 8.7 13.1





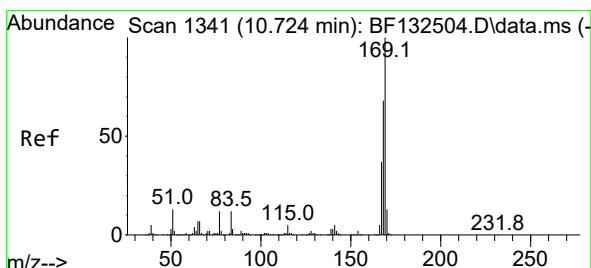
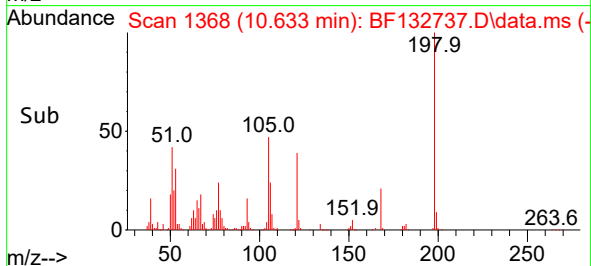
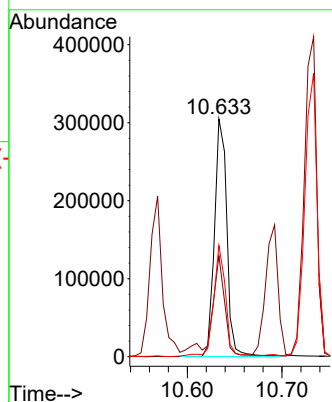
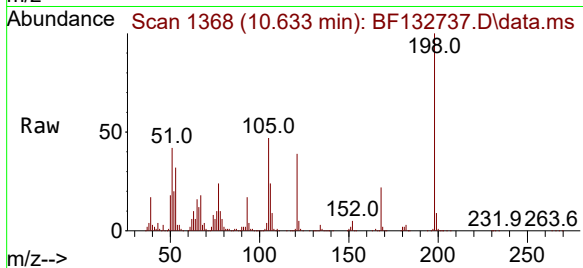
#65
4,6-Dinitro-2-methylphenol
Concen: 45.299 ng
RT: 10.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB151334BS

Tgt Ion:198 Resp: 276139
Ion Ratio Lower Upper
198 100
51 42.5 20.6 60.6
105 46.7 24.3 64.3

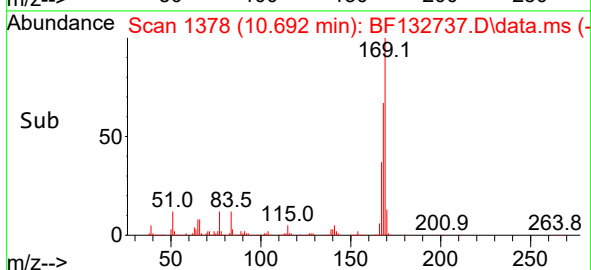
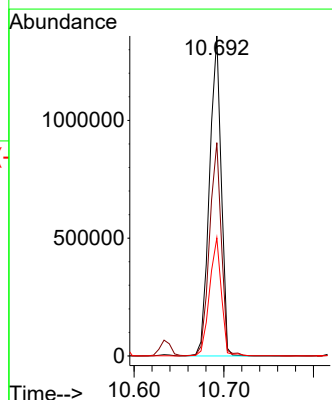
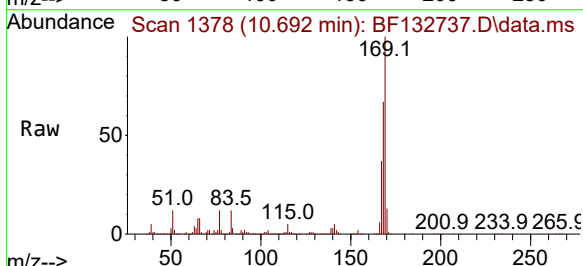
Manual Integrations
APPROVED

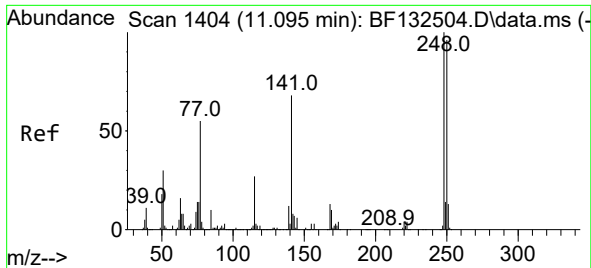
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#66
n-Nitrosodiphenylamine
Concen: 43.812 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:169 Resp: 1229969
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 36.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 46.202 ng
RT: 11.063 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

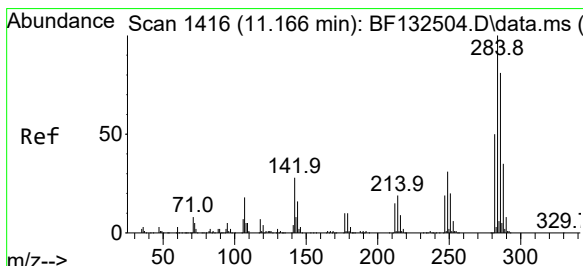
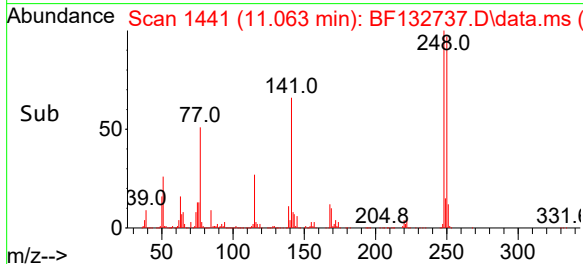
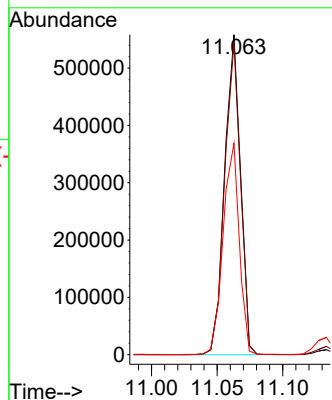
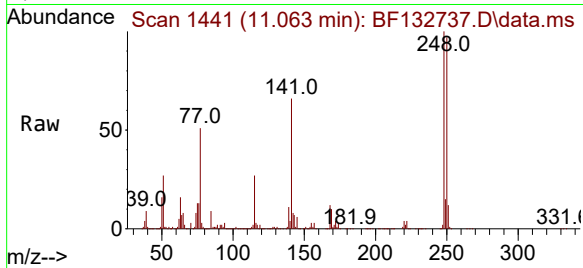
PB151334BS

Tgt Ion:248 Resp: 470610
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 66.1 54.2 81.2

Manual Integrations

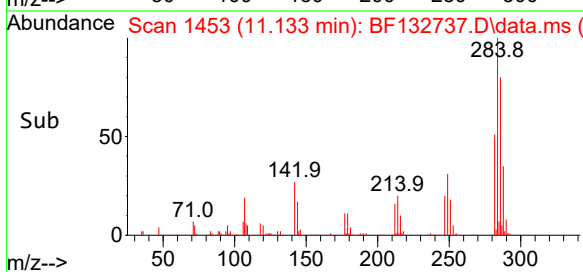
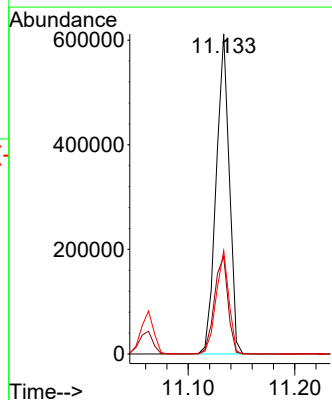
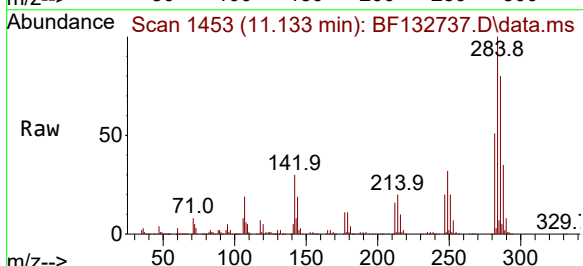
APPROVED

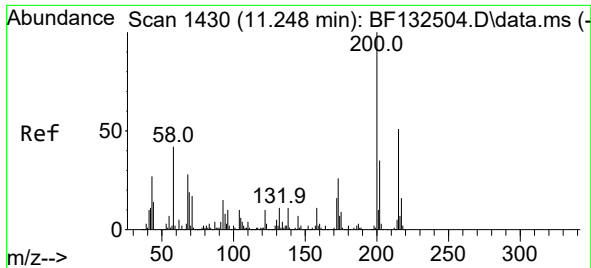
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#68
Hexachlorobenzene
Concen: 48.559 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:284 Resp: 520457
Ion Ratio Lower Upper
284 100
142 30.5 22.2 33.4
249 32.3 24.9 37.3





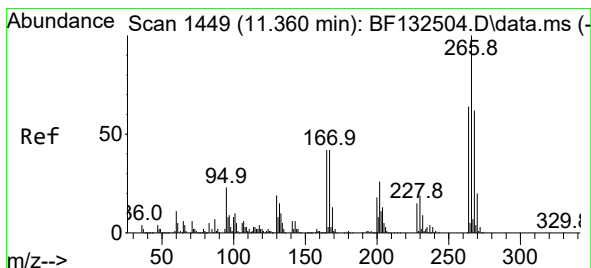
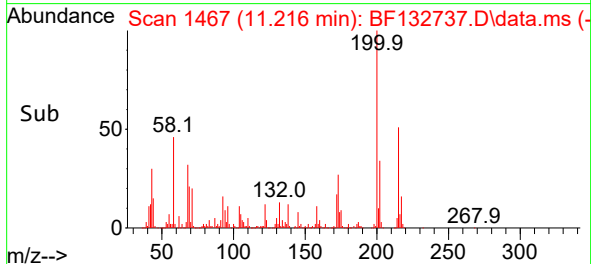
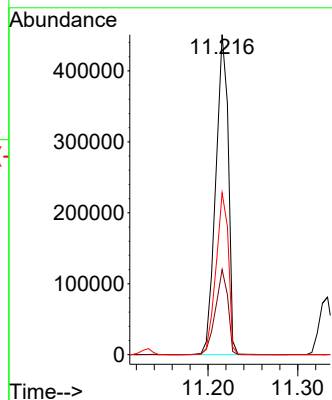
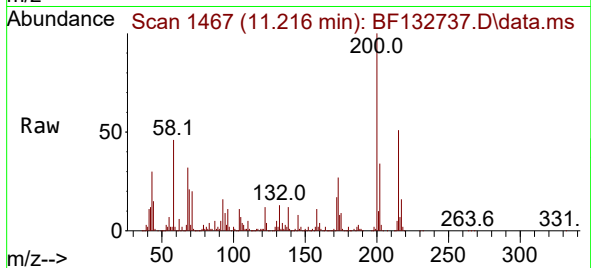
#69
 Atrazine
 Concen: 50.068 ng
 RT: 11.216 min Scan# 1467
 Delta R.T. -0.006 min
 Lab File: BF132737.D
 Acq: 10 Mar 2023 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB151334BS

Tgt Ion:200 Resp: 43880
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.4 46.4
 215 50.6 31.0 71.0

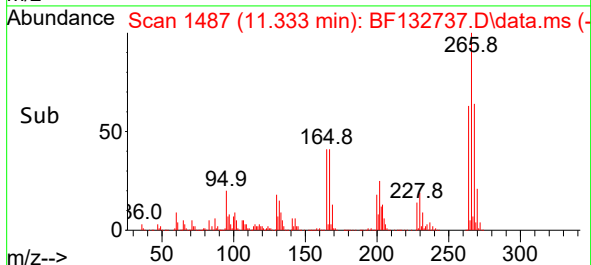
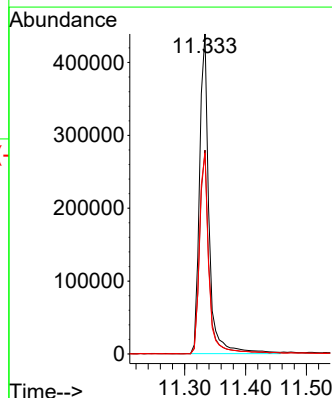
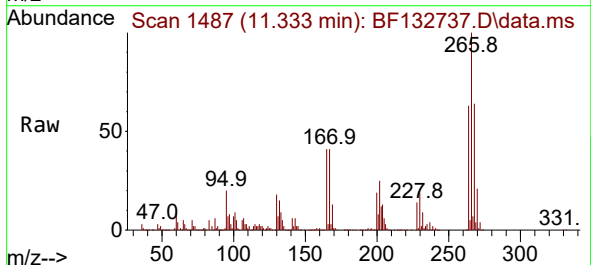
Manual Integrations
 APPROVED

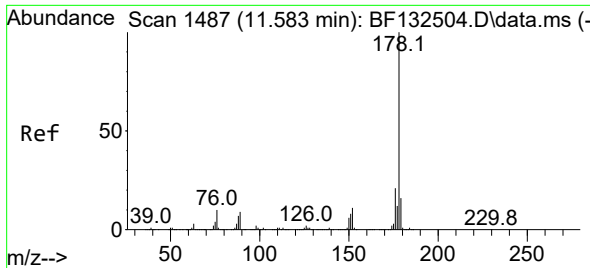
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#70
 Pentachlorophenol
 Concen: 74.194 ng
 RT: 11.333 min Scan# 1487
 Delta R.T. 0.000 min
 Lab File: BF132737.D
 Acq: 10 Mar 2023 12:48

Tgt Ion:266 Resp: 473124
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.8 74.6
 264 62.8 50.9 76.3





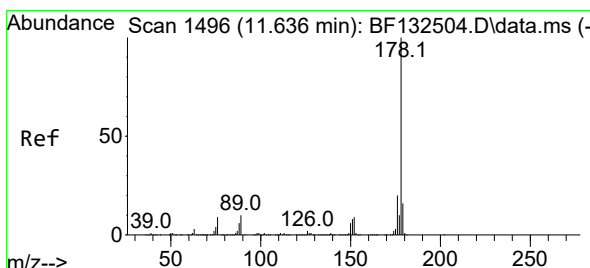
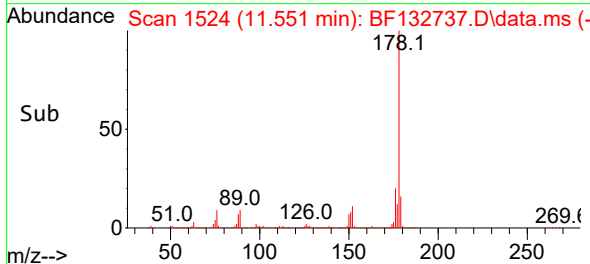
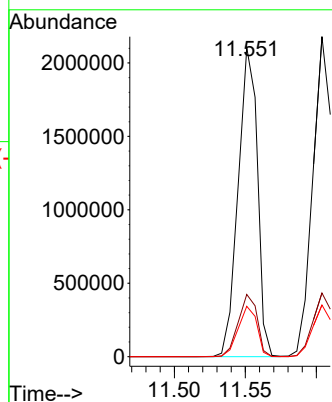
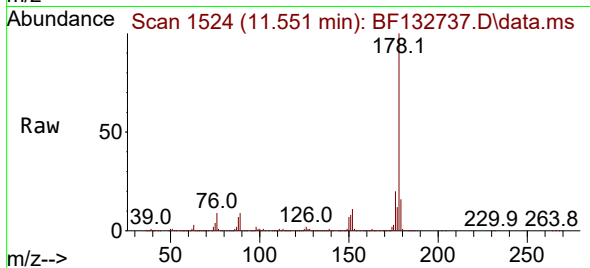
#71
Phenanthrene
Concen: 42.617 ng
RT: 11.551 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB151334BS

Tgt Ion:178 Resp: 198805
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 16.3 13.0 19.6

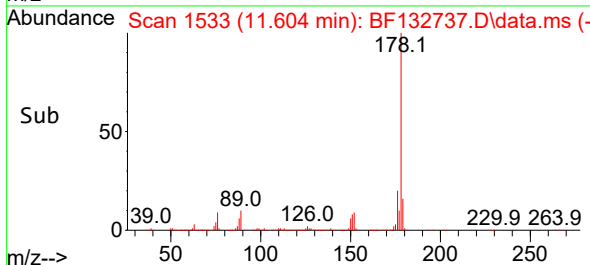
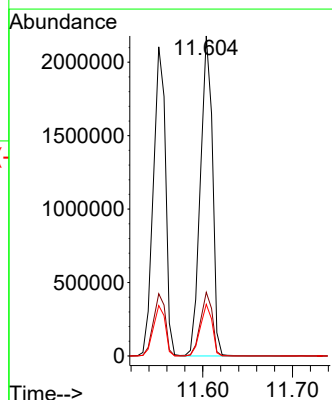
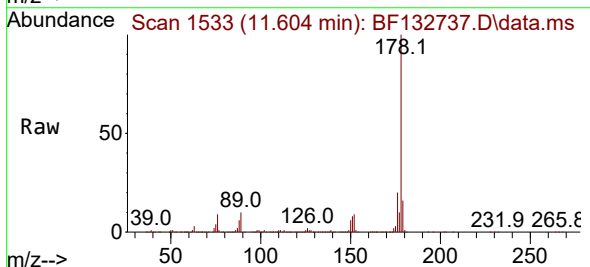
Manual Integrations
APPROVED

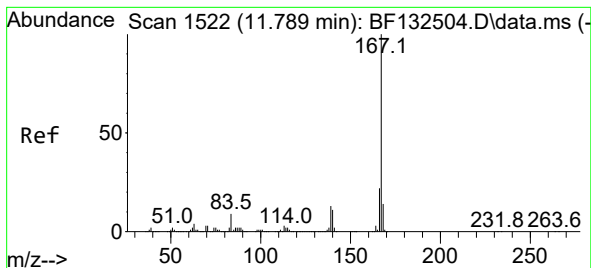
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#72
Anthracene
Concen: 42.217 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:178 Resp: 2028066
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.1 12.5 18.7





#73

Carbazole

Concen: 42.449 ng

RT: 11.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

Tgt Ion:167 Resp: 183854

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

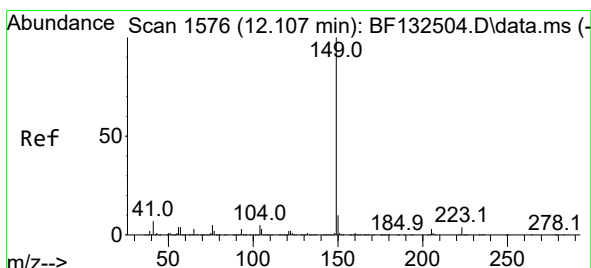
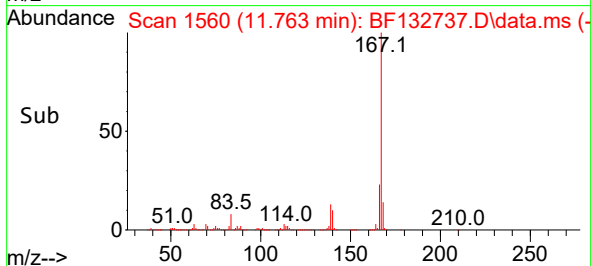
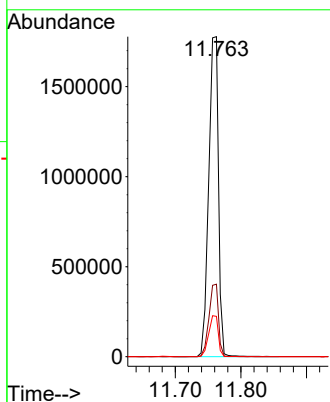
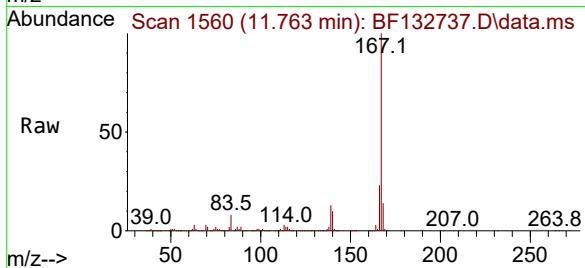
139 12.6 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#74

Di-n-butylphthalate

Concen: 44.666 ng

RT: 12.074 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

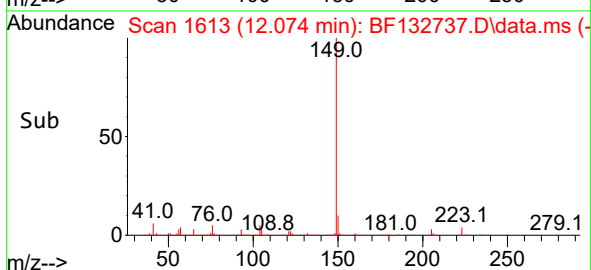
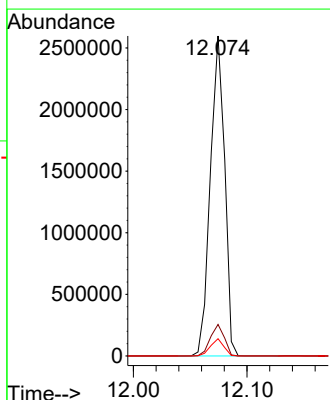
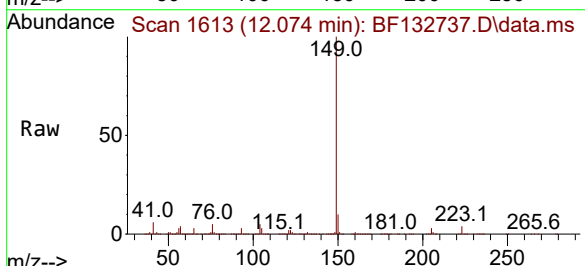
Tgt Ion:149 Resp: 2269273

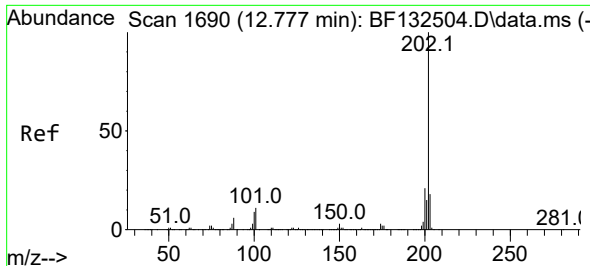
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

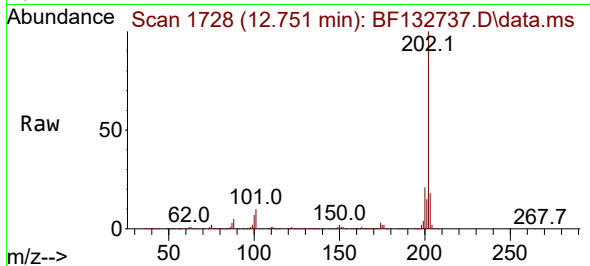
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 41.691 ng
RT: 12.751 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

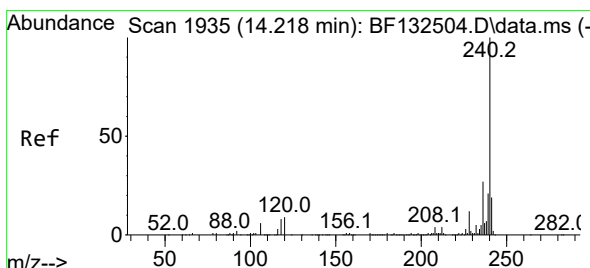
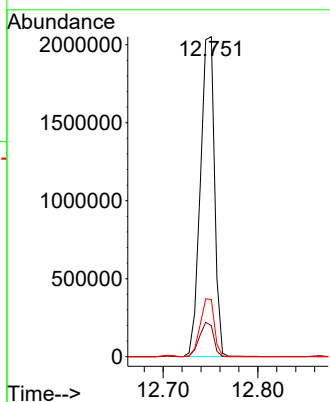
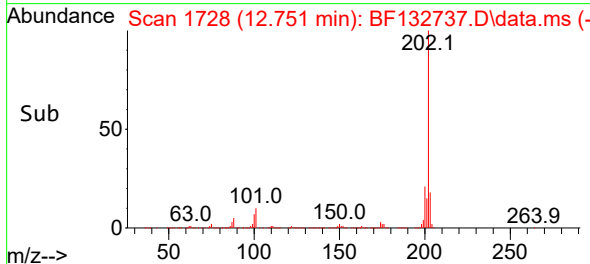
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:202 Resp: 2126150
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 17.9 0.0 38.0

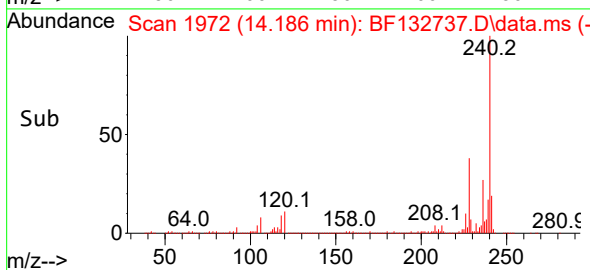
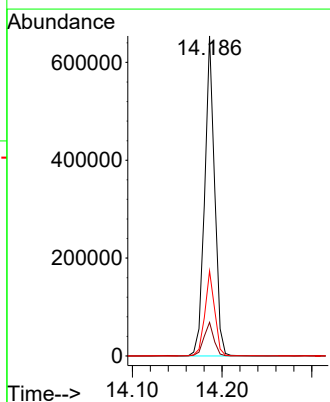
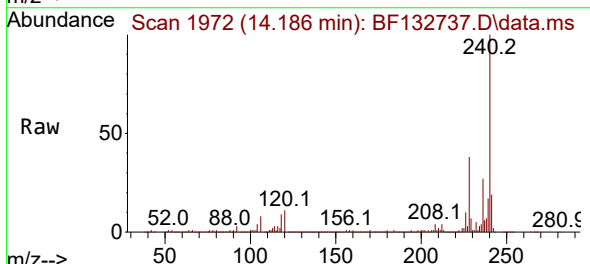
Manual Integrations
APPROVED

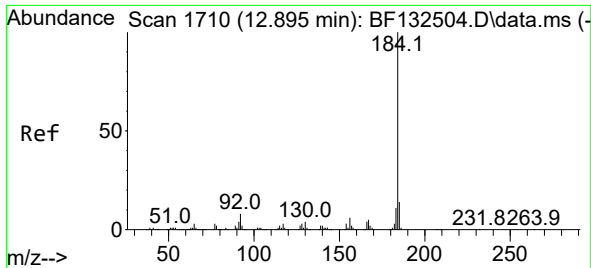
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:240 Resp: 504337
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 26.5 21.8 32.6





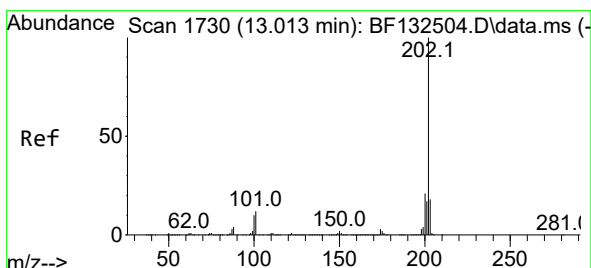
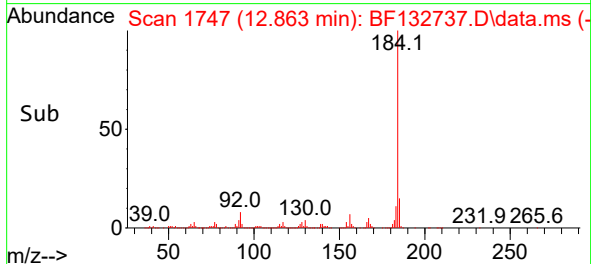
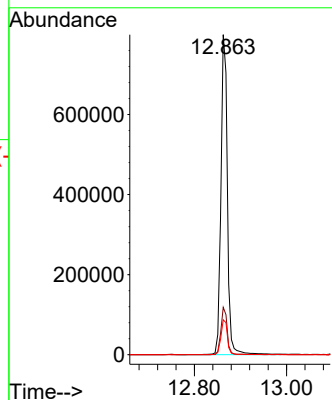
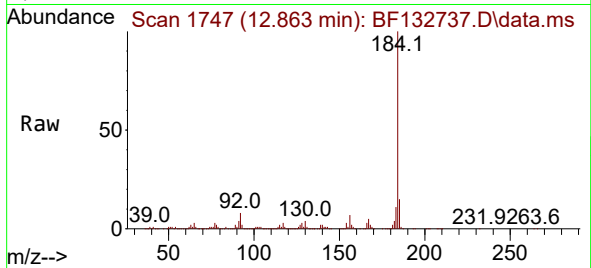
#77
Benzidine
Concen: 63.091 ng
RT: 12.863 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :
BNA_F
ClientSampleId :
PB151334BS

Tgt Ion:184 Resp: 77456
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.9 8.7 13.1

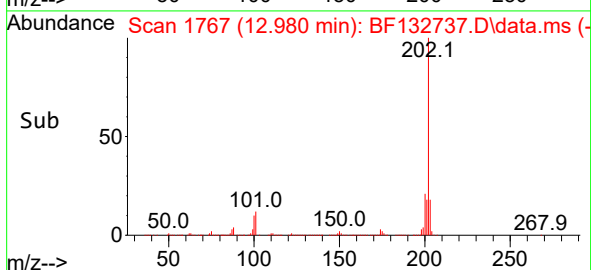
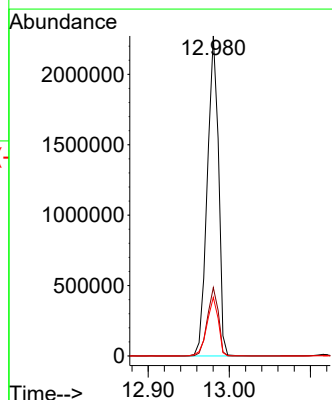
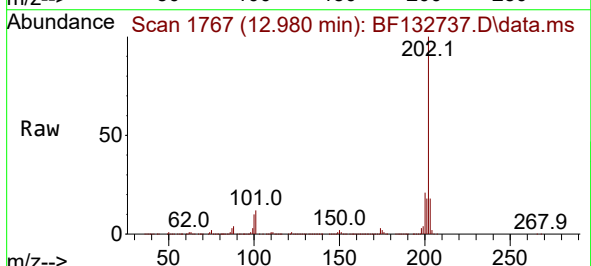
Manual Integrations
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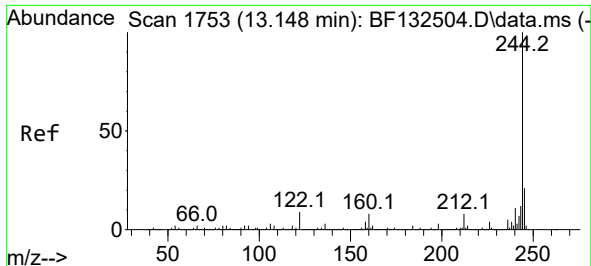
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#78
Pyrene
Concen: 47.284 ng
RT: 12.980 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

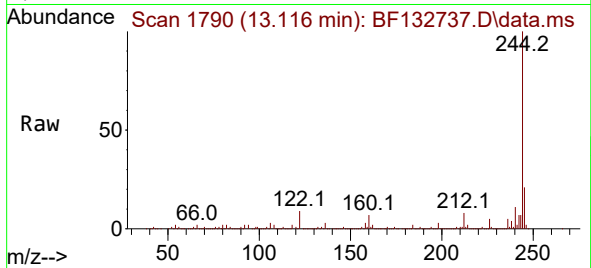
Tgt Ion:202 Resp: 2168107
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.3 14.6 21.8





#79
Terphenyl-d14
Concen: 97.054 ng
RT: 13.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

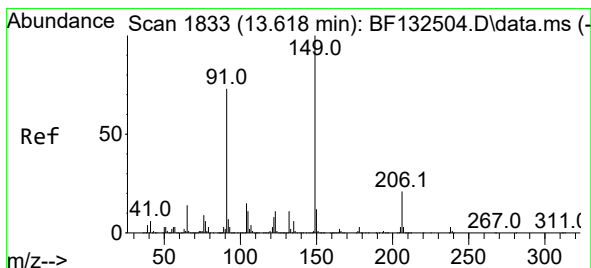
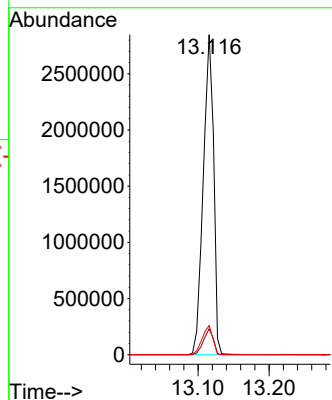
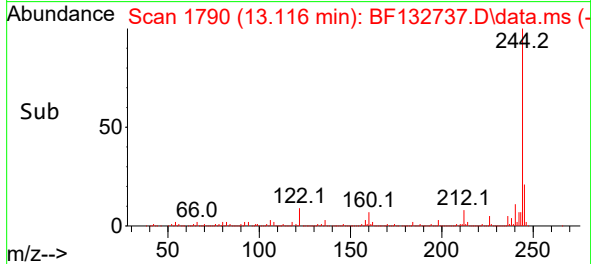
Instrument :
BNA_F
ClientSampleId :
PB151334BS



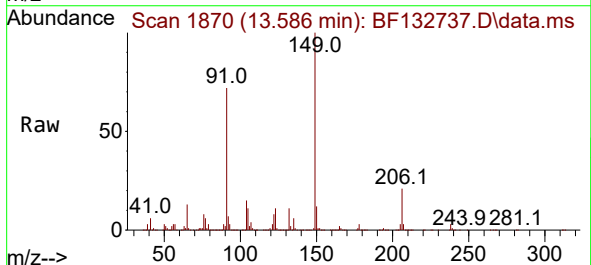
Tgt Ion:244 Resp: 289504
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.1 7.5 11.3

Manual Integrations
APPROVED

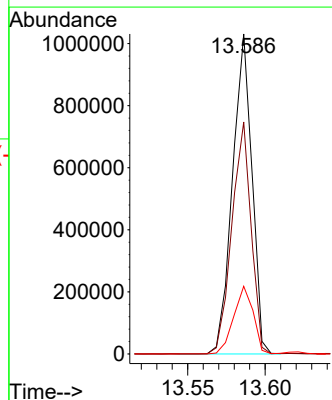
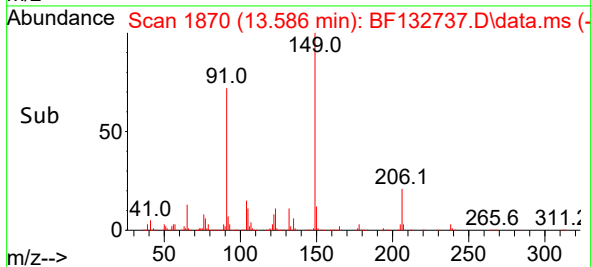
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

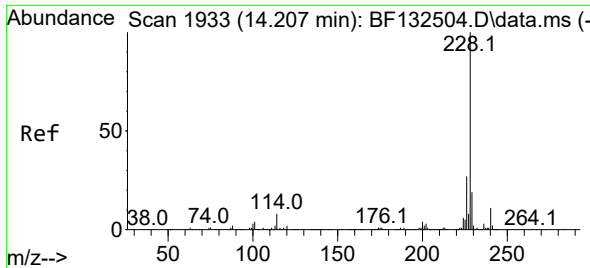


#80
Butylbenzylphthalate
Concen: 49.525 ng
RT: 13.586 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48



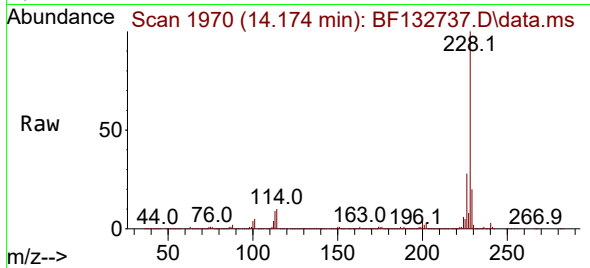
Tgt Ion:149 Resp: 896131
Ion Ratio Lower Upper
149 100
91 72.5 58.4 87.6
206 21.2 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.318 ng
RT: 14.174 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

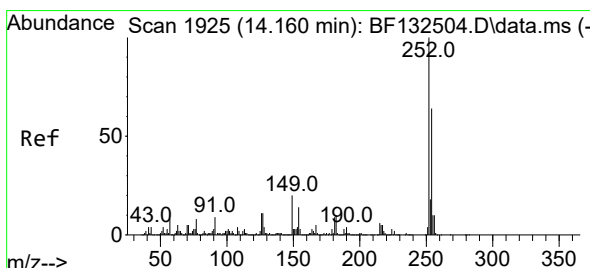
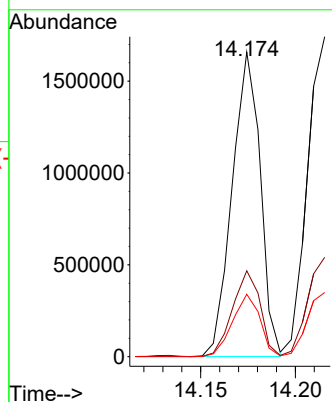
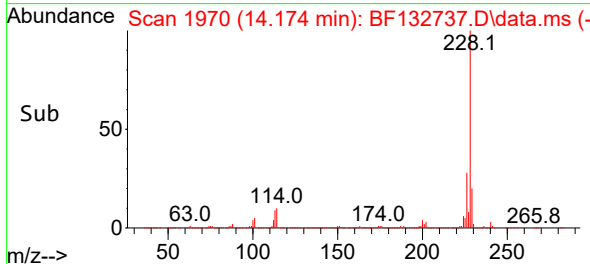
Instrument :
BNA_F
ClientSampleId :
PB151334BS



Tgt Ion:228 Resp: 171012
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 20.5 15.4 23.2

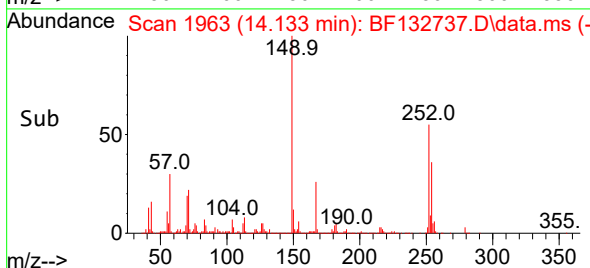
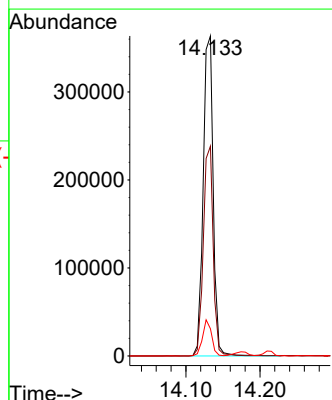
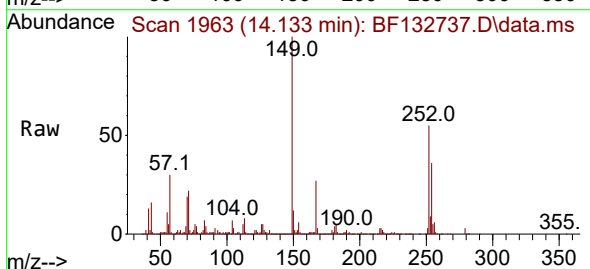
Manual Integrations
APPROVED

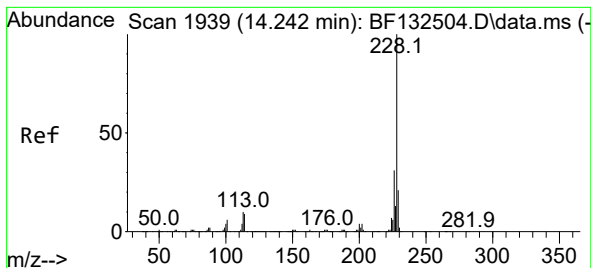
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.600 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:252 Resp: 340433
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.2
126 8.5 8.9 13.3#





#83

Chrysene

Concen: 44.681 ng

RT: 14.215 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

Tgt Ion:228 Resp: 1576680

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

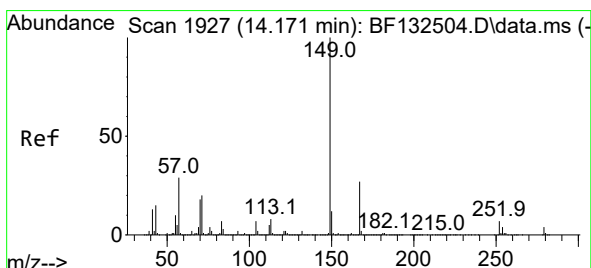
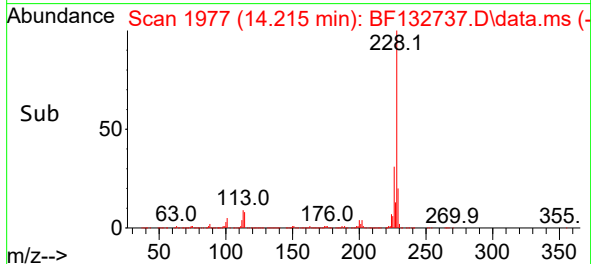
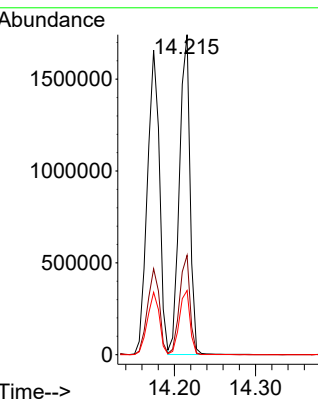
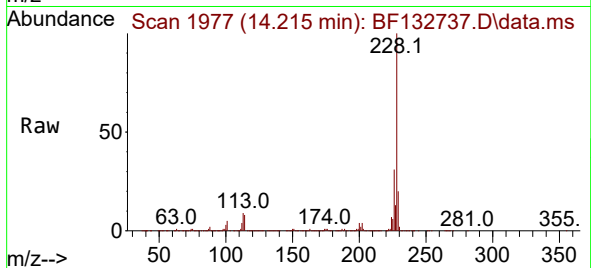
229 20.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.576 ng

RT: 14.139 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

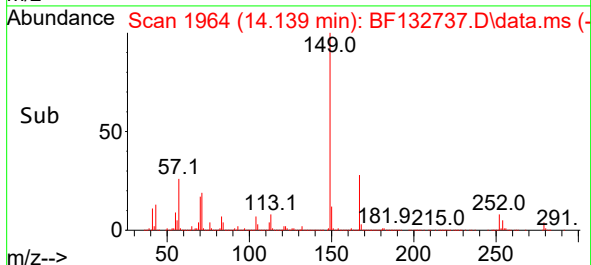
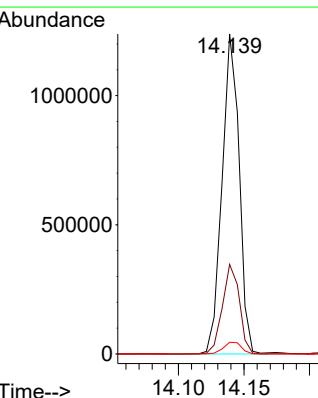
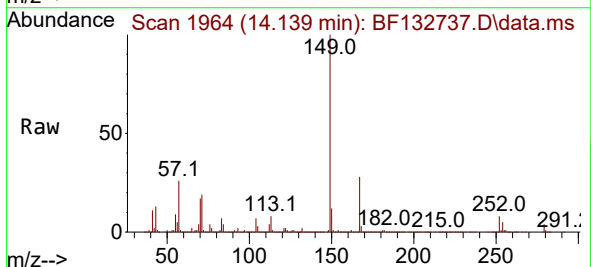
Tgt Ion:149 Resp: 1124211

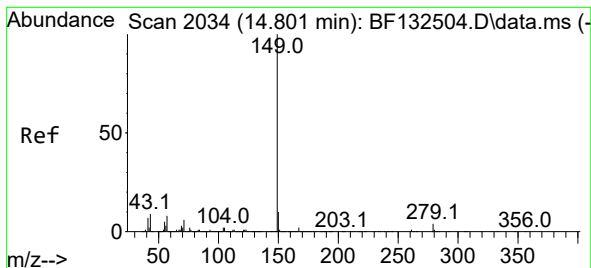
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.6

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.381 ng

RT: 14.763 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132737.D

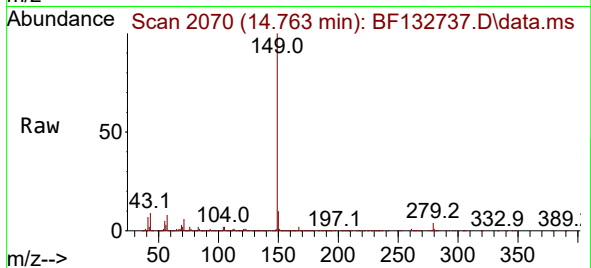
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS



Tgt Ion:149 Resp: 170146

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

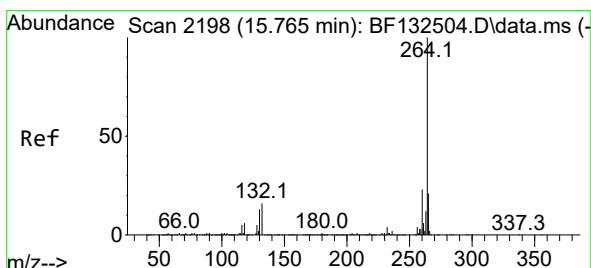
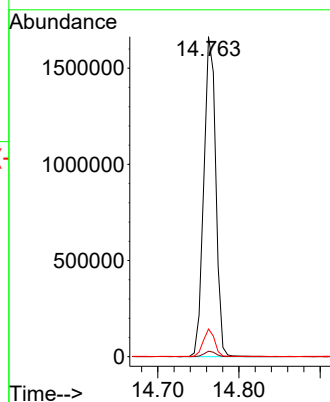
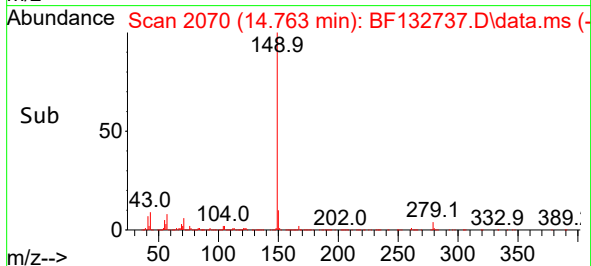
43 8.1 7.2 10.8

Manual Integrations

APPROVED

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: BF132737.D

Acq: 10 Mar 2023 12:48

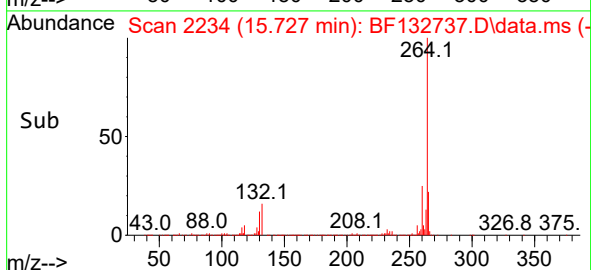
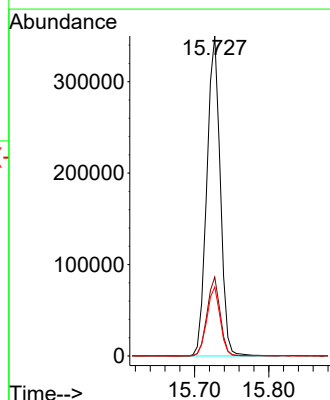
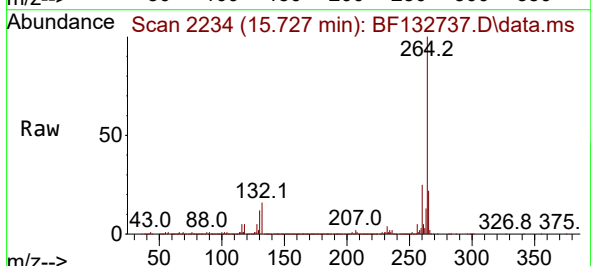
Tgt Ion:264 Resp: 440078

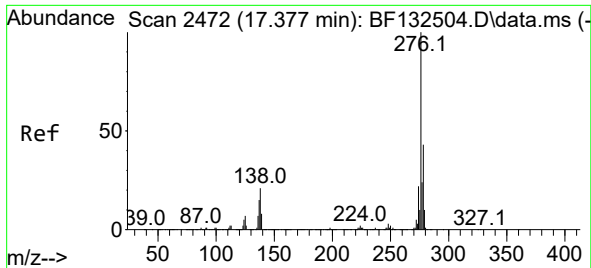
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.6 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.551 ng
RT: 17.327 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

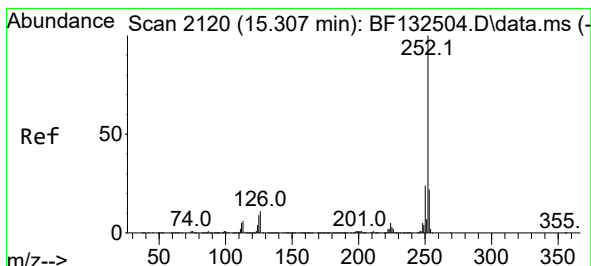
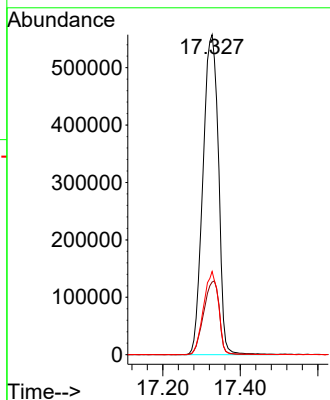
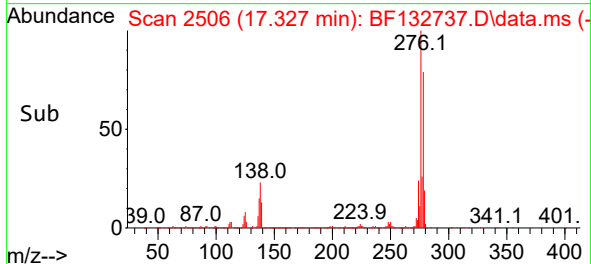
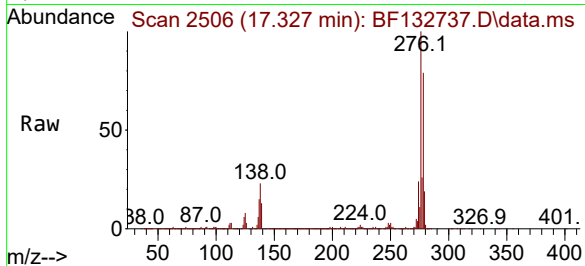
ClientSampleId :

PB151334BS

Tgt Ion:276 Resp: 154419
Ion Ratio Lower Upper
276 100
138 23.1 19.0 28.4
277 25.1 20.0 30.0

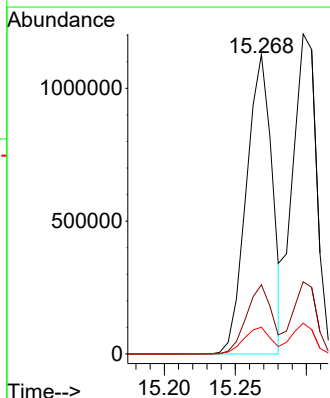
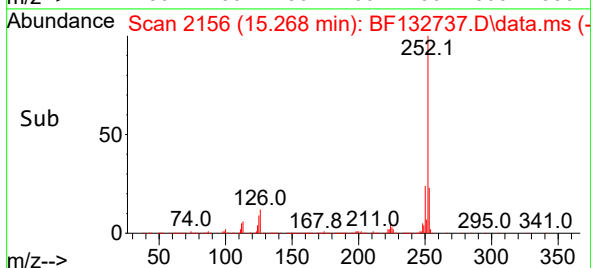
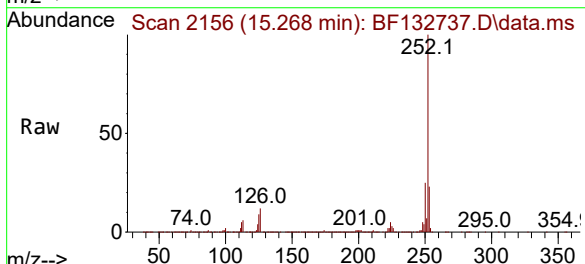
Manual Integrations
APPROVED

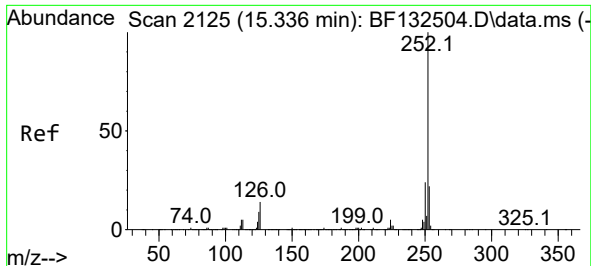
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#88
Benzo(b)fluoranthene
Concen: 48.358 ng
RT: 15.268 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:252 Resp: 1426155
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 8.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.821 ng

RT: 15.298 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

PB151334BS

Tgt Ion:252 Resp: 1409130

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

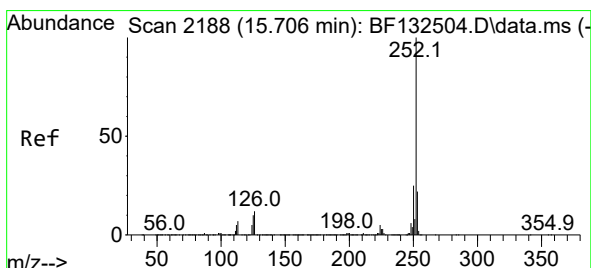
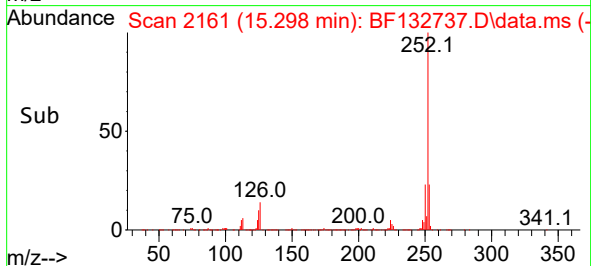
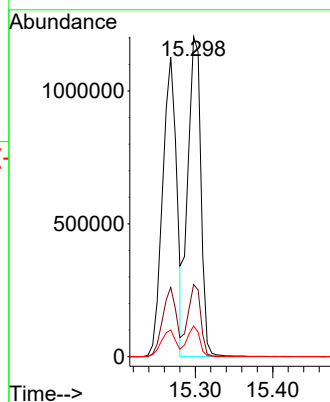
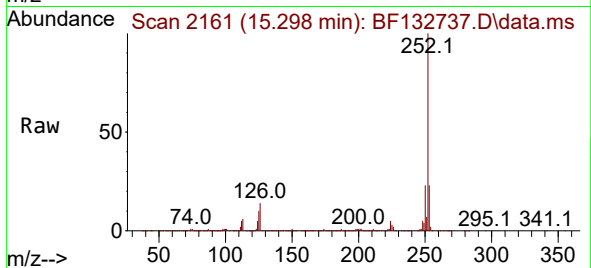
125 9.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#90

Benzo(a)pyrene

Concen: 44.614 ng

RT: 15.662 min Scan# 2223

Delta R.T. 0.000 min

Lab File: BF132737.D

Acq: 10 Mar 2023 12:48

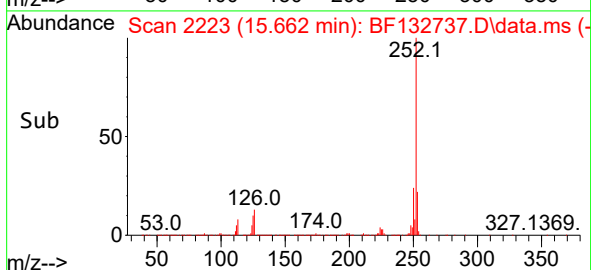
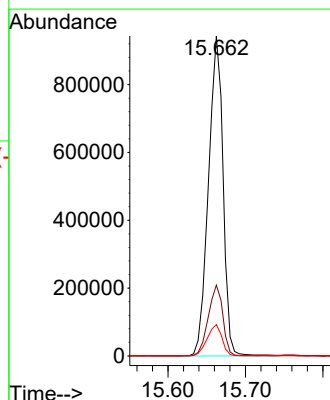
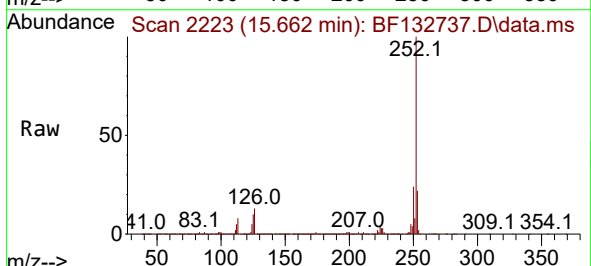
Tgt Ion:252 Resp: 1231433

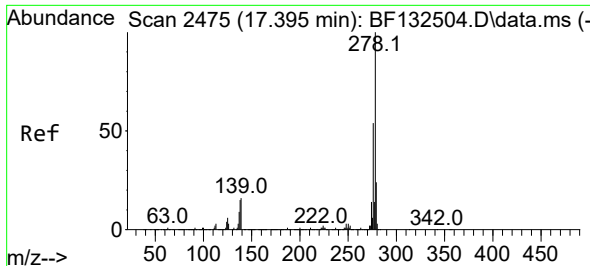
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.8 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 53.709 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Instrument :

BNA_F

ClientSampleId :

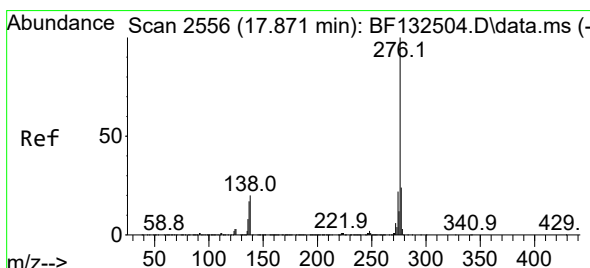
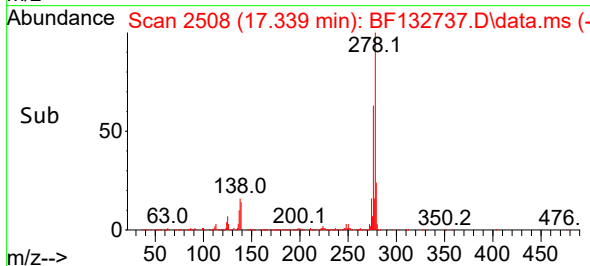
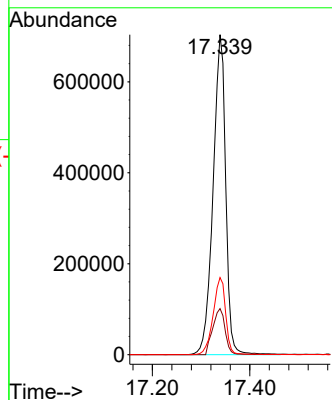
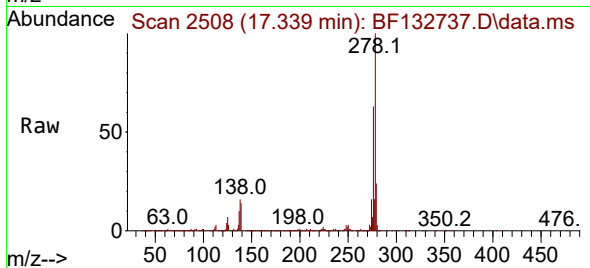
PB151334BS

Tgt Ion:278 Resp: 1261870
Ion Ratio Lower Upper
278 100
139 14.4 13.0 19.4
279 24.1 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: 49.339 ng
RT: 17.809 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF132737.D
Acq: 10 Mar 2023 12:48

Tgt Ion:276 Resp: 1311267
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 21.4 16.2 24.4

