

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132738.D
 Acq On : 10 Mar 2023 13:19
 Operator : CG\JU
 Sample : PB151334BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151334BSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 13:45:42 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	236205	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	870548	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	459387	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	855892	20.000	ng	0.00
76) Chrysene-d12	14.186	240	500096	20.000	ng	0.00
86) Perylene-d12	15.727	264	431990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1786095	122.723	ng	0.01
7) Phenol-d6	6.622	99	2271712	119.601	ng	0.00
23) Nitrobenzene-d5	7.551	82	1514088	82.517	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	659389	132.910	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2403046	79.650	ng	0.00
79) Terphenyl-d14	13.116	244	2894386	97.855	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.928	88	278985	34.654	ng	97
3) Pyridine	3.681	79	747861	34.997	ng	95
4) n-Nitrosodimethylamine	3.657	42	332592	41.204	ng	89
6) Aniline	6.645	93	908383	35.537	ng	97
8) 2-Chlorophenol	6.769	128	739624	48.965	ng	98
9) Benzaldehyde	6.534	77	337370	32.917	ng	97
10) Phenol	6.634	94	893623	41.037	ng	94
11) bis(2-Chloroethyl)ether	6.716	93	784555	46.670	ng	94
12) 1,3-Dichlorobenzene	6.922	146	773006	47.688	ng	99
13) 1,4-Dichlorobenzene	6.998	146	774542	47.853	ng	100
14) 1,2-Dichlorobenzene	7.151	146	745001	47.961	ng	99
15) Benzyl Alcohol	7.128	79	660260	45.136	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	941745	43.930	ng	90
17) 2-Methylphenol	7.240	107	613170	43.496	ng	97
18) Hexachloroethane	7.492	117	310243	49.063	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	487645	41.716	ng	94
20) 3+4-Methylphenols	7.392	107	662089	36.353	ng	95
22) Acetophenone	7.392	105	945443	43.070	ng	93
24) Nitrobenzene	7.569	77	826428	42.114	ng	95
25) Isophorone	7.804	82	1546667	43.966	ng	99
26) 2-Nitrophenol	7.887	139	398624	46.039	ng	94
27) 2,4-Dimethylphenol	7.916	122	608154	44.503	ng	100
28) bis(2-Chloroethoxy)met...	8.010	93	915348	44.479	ng	98
29) 2,4-Dichlorophenol	8.128	162	612202	45.036	ng	99
30) 1,2,4-Trichlorobenzene	8.210	180	689777	46.730	ng	98
31) Naphthalene	8.292	128	1904359	42.731	ng	99
32) Benzoic acid	8.057	122	396865m	37.745	ng	
33) 4-Chloroaniline	8.334	127	313794	16.431	ng	95
34) Hexachlorobutadiene	8.398	225	451026	48.085	ng	99
35) Caprolactam	8.728	113	203970m	45.514	ng	
36) 4-Chloro-3-methylphenol	8.828	107	664734	44.527	ng	96
37) 2-Methylnaphthalene	8.981	142	1279016	42.112	ng	100
38) 1-Methylnaphthalene	9.081	142	1197932	42.205	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	698398	46.467	ng	99
41) Hexachlorocyclopentadiene	9.134	237	812336	99.647	ng	98
43) 2,4,6-Trichlorophenol	9.263	196	456062	44.774	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	488685	41.107	ng	98
46) 1,1'-Biphenyl	9.445	154	1528411	43.957	ng	99
47) 2-Chloronaphthalene	9.475	162	1244119	45.130	ng	100
48) 2-Nitroaniline	9.575	65	405393	39.928	ng	90
49) Acenaphthylene	9.892	152	1851289	42.196	ng	99
50) Dimethylphthalate	9.745	163	1508754	45.106	ng	100
51) 2,6-Dinitrotoluene	9.816	165	339261	44.536	ng	91
52) Acenaphthene	10.069	154	1327826m	47.661	ng	
53) 3-Nitroaniline	9.986	138	228083	26.766	ng	98
54) 2,4-Dinitrophenol	10.098	184	386844	80.573	ng	98
55) Dibenzofuran	10.239	168	1703327	41.939	ng	97
56) 4-Nitrophenol	10.157	139	464661	73.118	ng	95
57) 2,4-Dinitrotoluene	10.222	165	449218	44.326	ng	100
58) Fluorene	10.580	166	1335252	42.981	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	400050	45.300	ng	98
60) Diethylphthalate	10.445	149	1439672	44.070	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	714842	44.355	ng	97
62) 4-Nitroaniline	10.610	138	353631	42.277	ng	97
63) Azobenzene	10.733	77	1452604	41.986	ng	99
65) 4,6-Dinitro-2-methylph...	10.633	198	272384	47.012	ng	97
66) n-Nitrosodiphenylamine	10.692	169	1188207	44.530	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	460384	47.553	ng	98
68) Hexachlorobenzene	11.133	284	512007	50.260	ng	97
69) Atrazine	11.216	200	431804	51.836	ng	98
70) Pentachlorophenol	11.333	266	465863	76.862	ng	98
71) Phenanthrene	11.551	178	1941645	43.791	ng	99
72) Anthracene	11.604	178	1982086	43.410	ng	99
73) Carbazole	11.757	167	1785459	43.371	ng	99
74) Di-n-butylphthalate	12.075	149	2216865	45.908	ng	99
75) Fluoranthene	12.751	202	2075254	42.813	ng	97
77) Benzidine	12.863	184	749843	61.595	ng	99
78) Pyrene	12.980	202	2128762	46.819	ng	100
80) Butylbenzylphthalate	13.586	149	890062	49.607	ng	100
81) Benzo(a)anthracene	14.174	228	1691328	45.200	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	348947	31.631	ng	# 98
83) Chrysene	14.216	228	1554757	44.433	ng	100
84) Bis(2-ethylhexyl)phtha...	14.139	149	1134891	51.489	ng	100
85) Di-n-octyl phthalate	14.768	149	1729520	53.697	ng	98
87) Indeno(1,2,3-cd)pyrene	17.321	276	1456618	51.460	ng	99
88) Benzo(b)fluoranthene	15.268	252	1494602	51.627	ng	98
89) Benzo(k)fluoranthene	15.304	252	1264269	44.622	ng	99
90) Benzo(a)pyrene	15.663	252	1211669	44.720	ng	99
91) Dibenzo(a,h)anthracene	17.339	278	1190756	51.631	ng	98
92) Benzo(g,h,i)perylene	17.809	276	1227360	47.122	ng	99

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

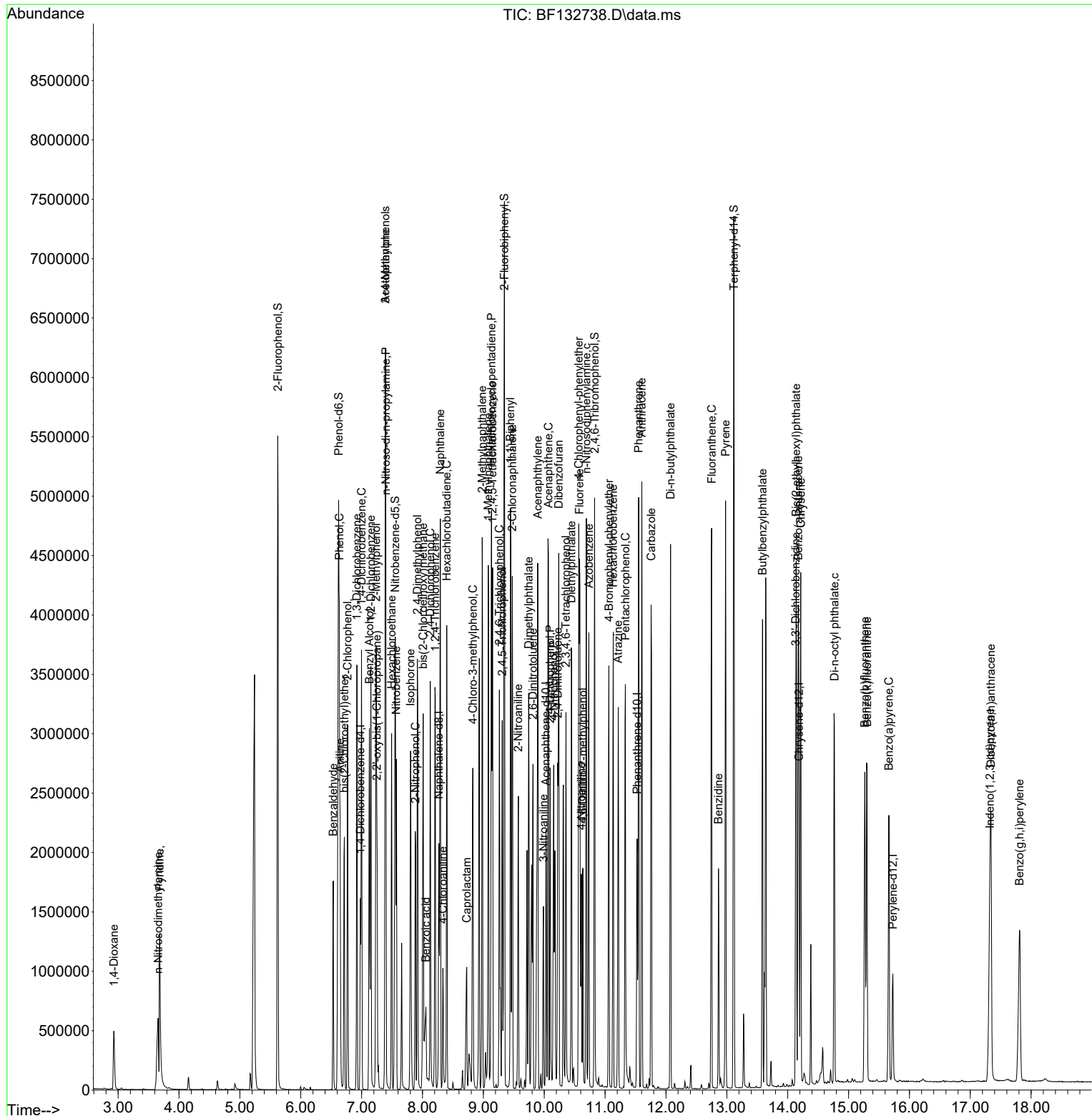
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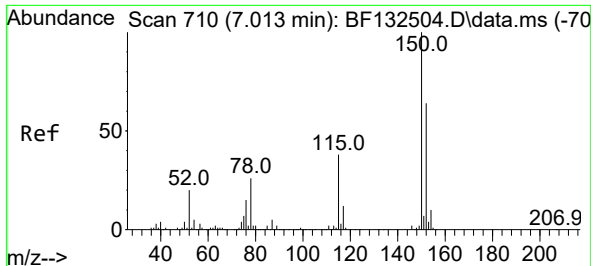
Instrument :
 BNA_F
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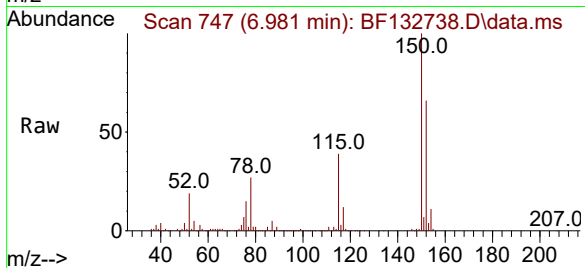
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

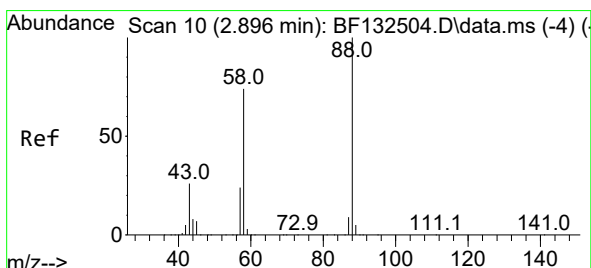
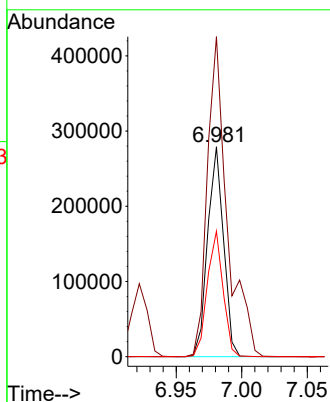
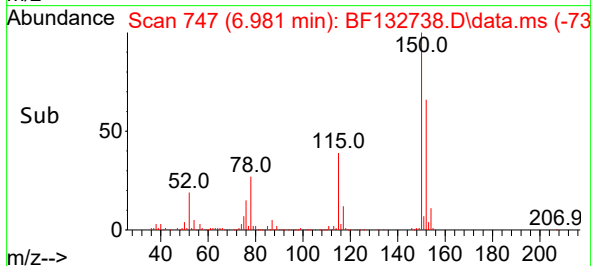
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:152 Resp: 236205
Ion Ratio Lower Upper
152 100
150 152.4 125.4 188.2
115 59.8 47.8 71.6

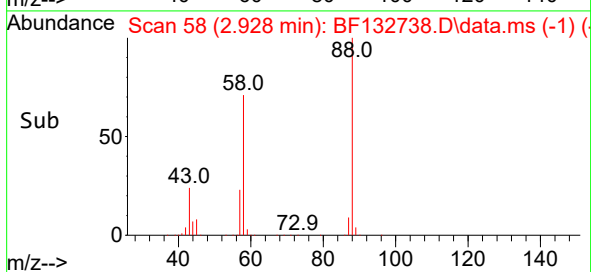
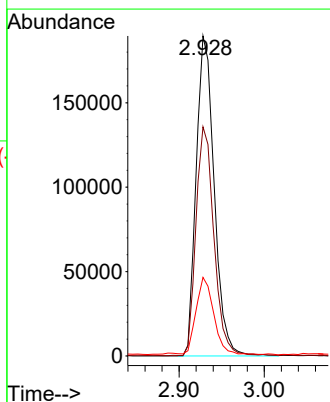
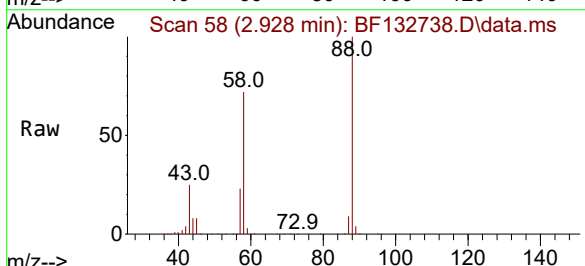
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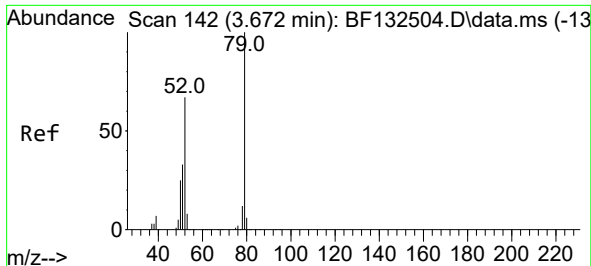
Reviewed By :Christian Giraldo 03/13/2023
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#2
1,4-Dioxane
Concen: 34.654 ng
RT: 2.928 min Scan# 58
Delta R.T. 0.088 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

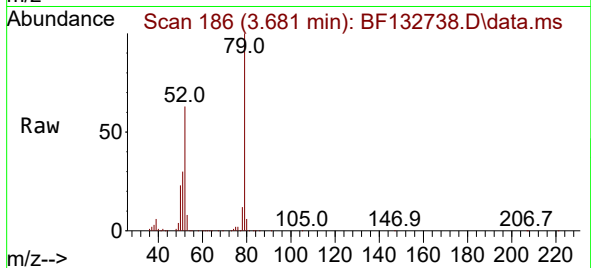
Tgt Ion: 88 Resp: 278985
Ion Ratio Lower Upper
88 100
58 71.2 58.3 87.5
43 23.4 20.7 31.1





#3
Pyridine
Concen: 34.997 ng
RT: 3.681 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

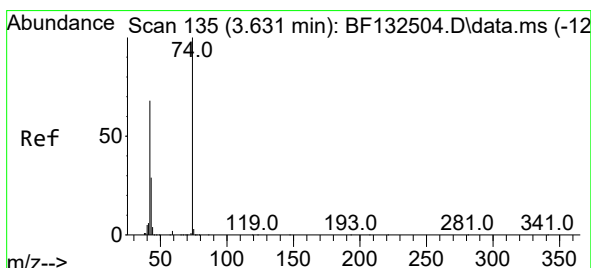
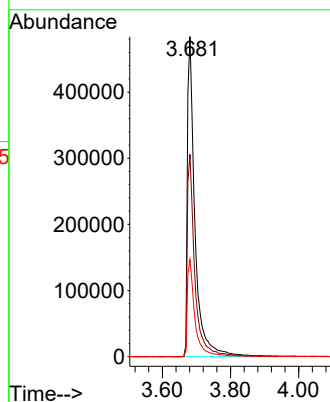
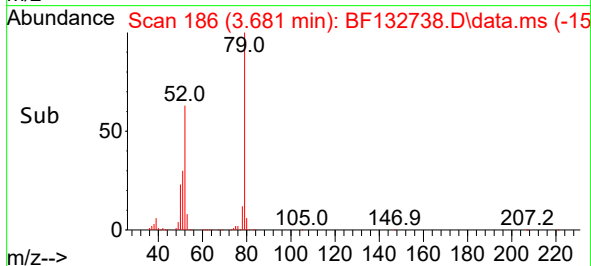
Instrument :
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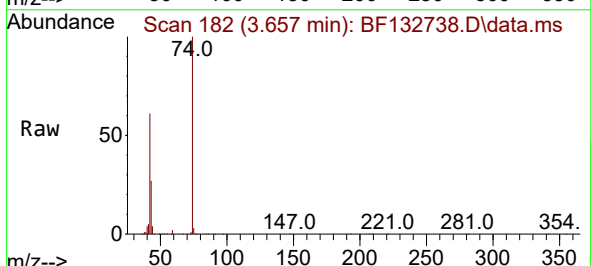
Tgt Ion: 79 Resp: 74786
Ion Ratio Lower Upper
79 100
52 63.2 53.7 80.5
51 30.3 26.6 40.0

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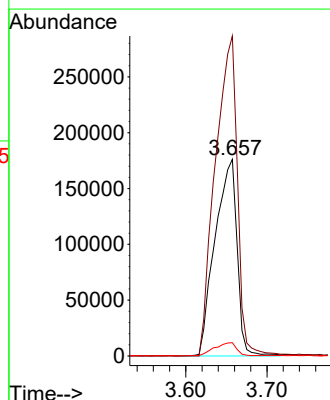
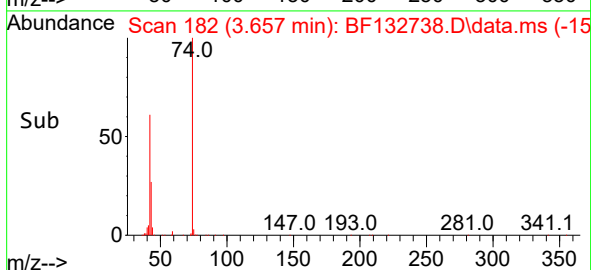
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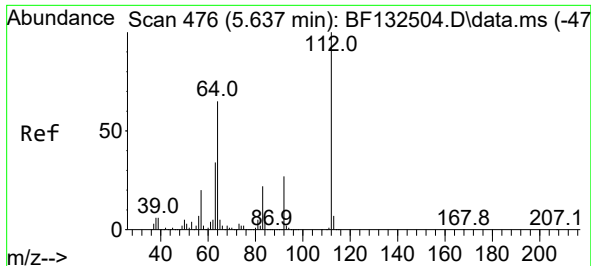


#4
n-Nitrosodimethylamine
Concen: 41.204 ng
RT: 3.657 min Scan# 182
Delta R.T. 0.071 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



Tgt Ion: 42 Resp: 332592
Ion Ratio Lower Upper
42 100
74 162.8 118.2 177.2
44 6.7 5.3 7.9





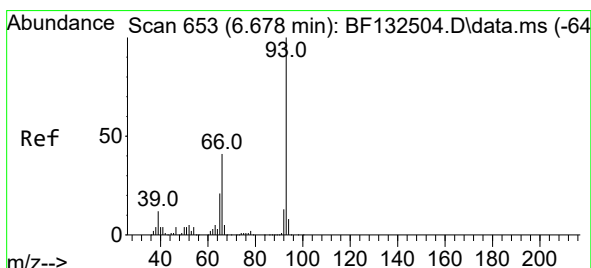
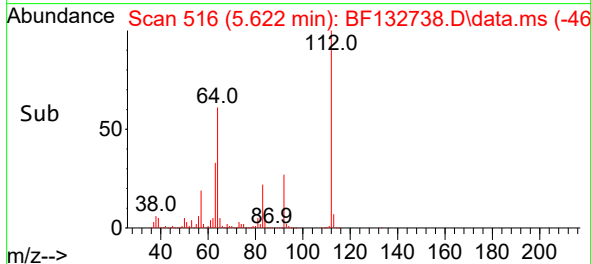
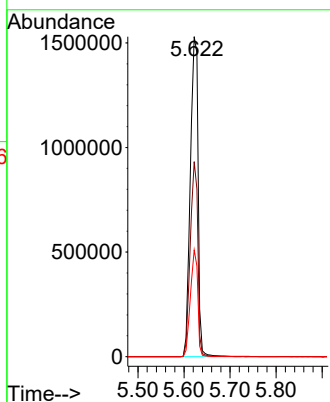
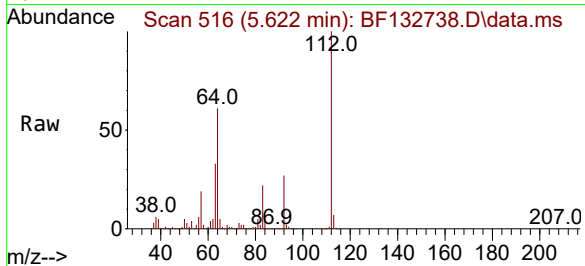
#5
2-Fluorophenol
Concen: 122.723 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :
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Tgt Ion: 112 Resp: 178609
Ion Ratio Lower Upper
112 100
64 60.9 51.6 77.4
63 33.4 27.4 41.2

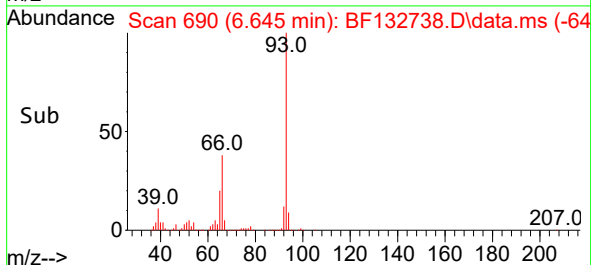
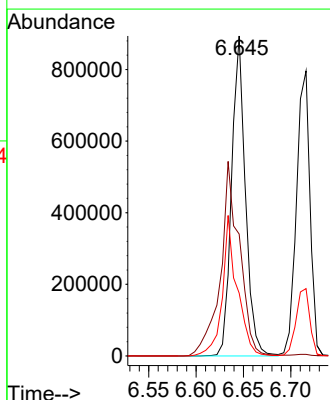
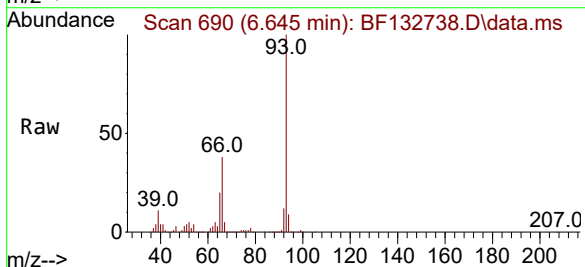
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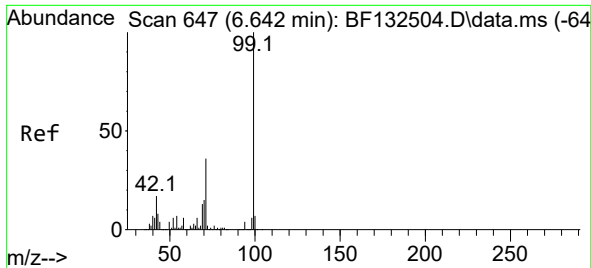
Reviewed By :Christian Giraldo 03/13/2023
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#6
Aniline
Concen: 35.537 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion: 93 Resp: 908383
Ion Ratio Lower Upper
93 100
66 38.1 32.5 48.7
65 19.6 16.6 24.8





#7

Phenol-d6

Concen: 119.601 ng

RT: 6.622 min Scan# 60

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion: 99 Resp: 227171

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

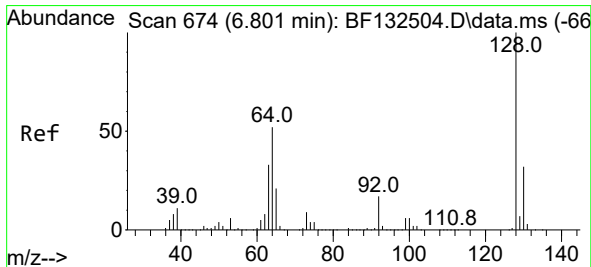
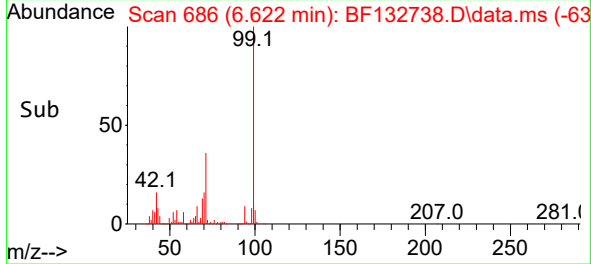
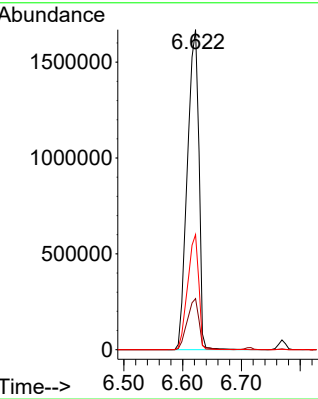
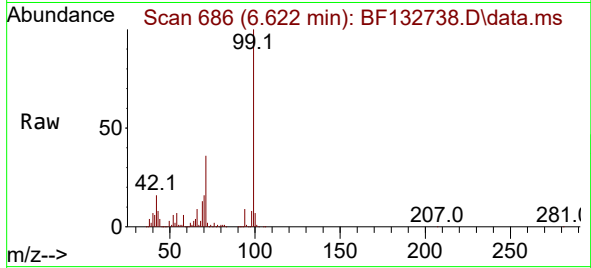
71 36.0 28.5 42.7

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#8

2-Chlorophenol

Concen: 48.965 ng

RT: 6.769 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

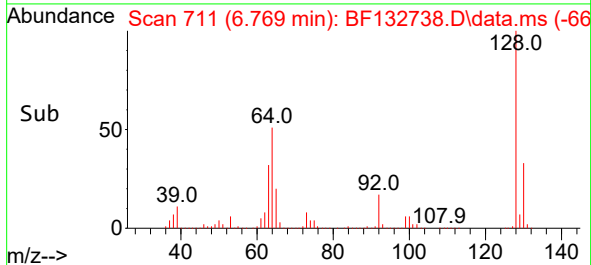
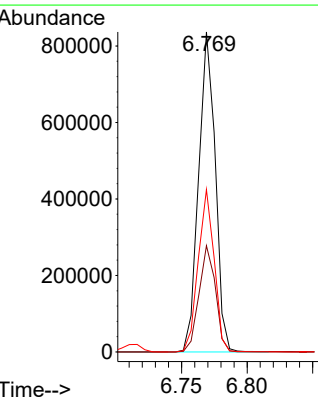
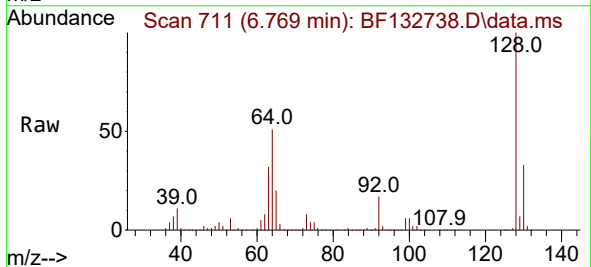
Tgt Ion:128 Resp: 739624

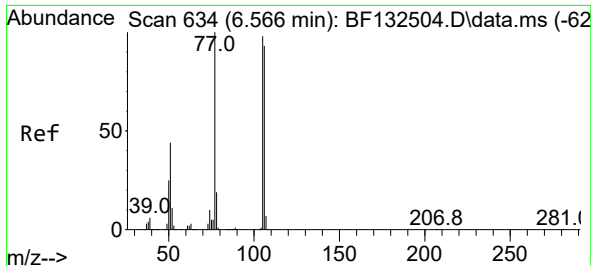
Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

64 50.7 32.0 72.0





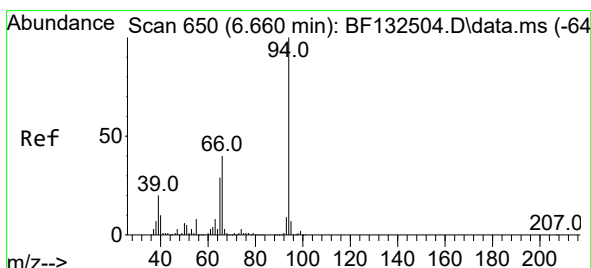
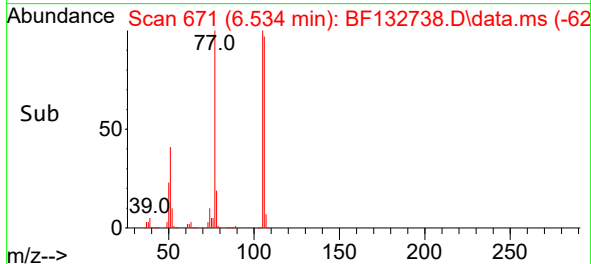
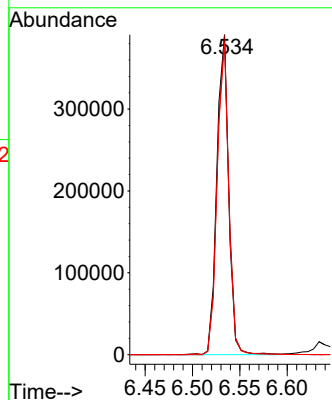
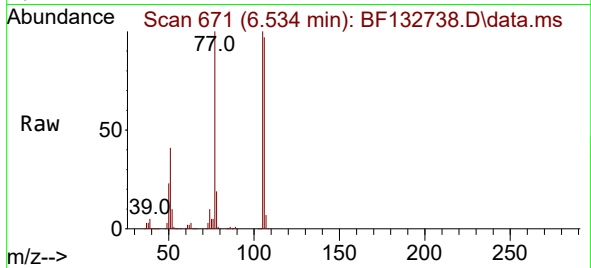
#9
Benzaldehyde
Concen: 32.917 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132738.D
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Tgt Ion: 77 Resp: 337370
Ion Ratio Lower Upper
77 100
105 99.9 77.9 117.9
106 97.5 73.4 113.4

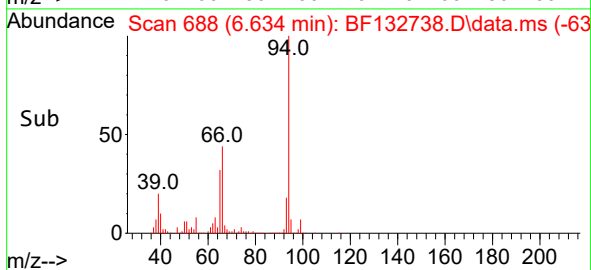
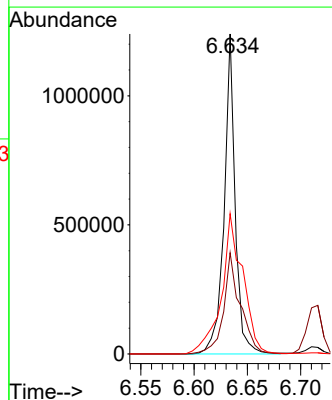
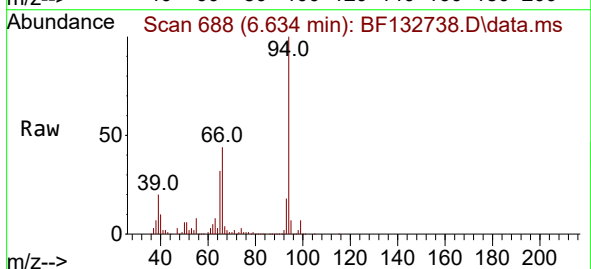
Manual Integrations
APPROVED

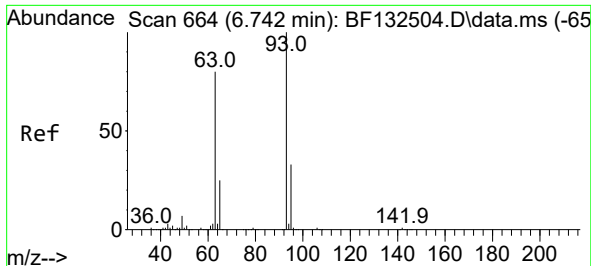
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Phenol
Concen: 41.037 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

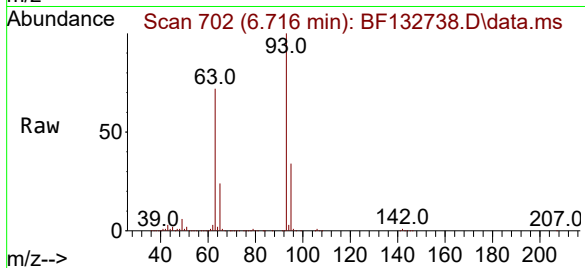
Tgt Ion: 94 Resp: 893623
Ion Ratio Lower Upper
94 100
65 31.7 9.4 49.4
66 43.8 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 46.670 ng
RT: 6.716 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

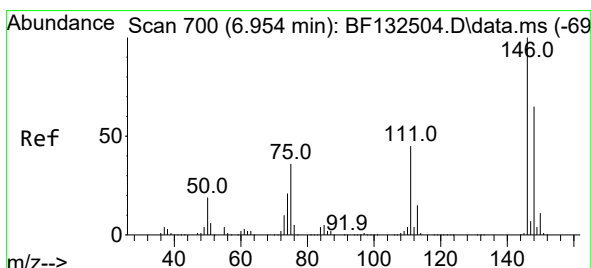
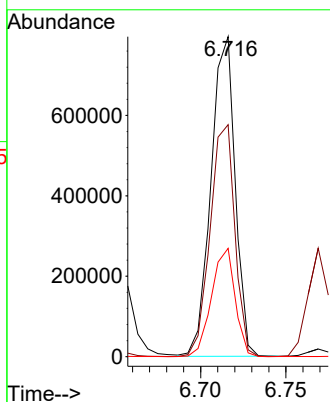
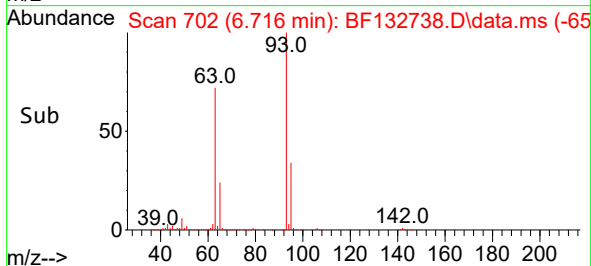
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



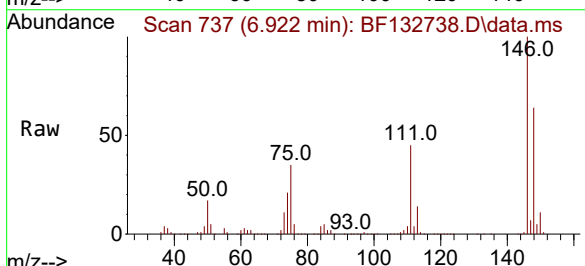
Tgt Ion: 93 Resp: 78455
Ion Ratio Lower Upper
93 100
63 72.5 59.6 99.6
95 33.8 12.8 52.8

Manual Integrations
APPROVED

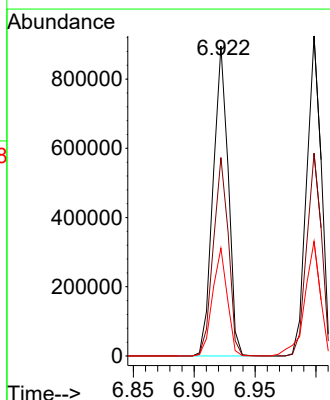
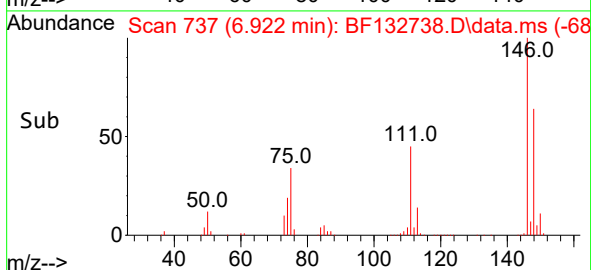
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

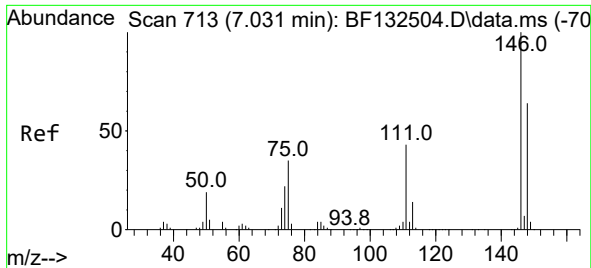


#12
1,3-Dichlorobenzene
Concen: 47.688 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



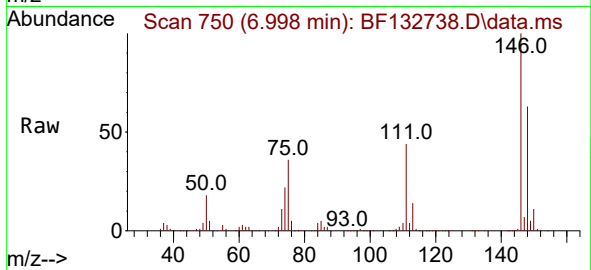
Tgt Ion:146 Resp: 773006
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 34.8 28.9 43.3





#13
1,4-Dichlorobenzene
Concen: 47.853 ng
RT: 6.998 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

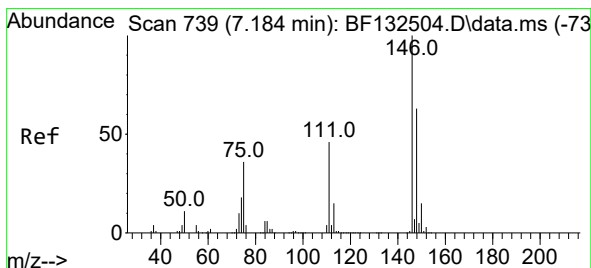
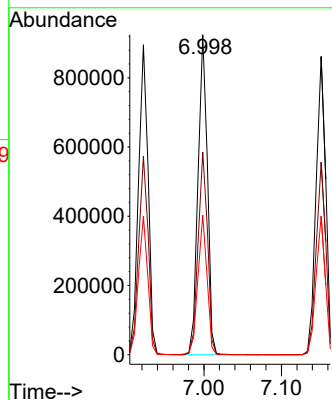
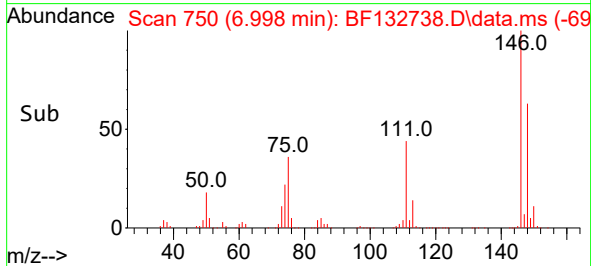
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



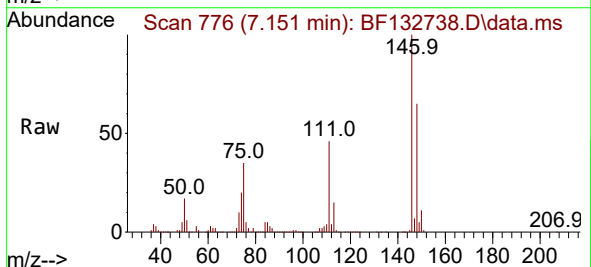
Tgt Ion:146 Resp: 77454
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
111 43.6 34.8 52.2

Manual Integrations
APPROVED

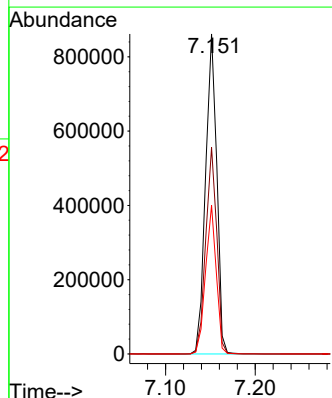
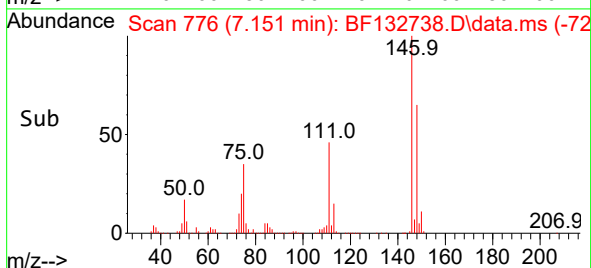
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

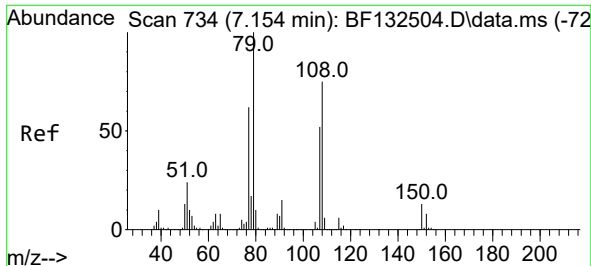


#14
1,2-Dichlorobenzene
Concen: 47.961 ng
RT: 7.151 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



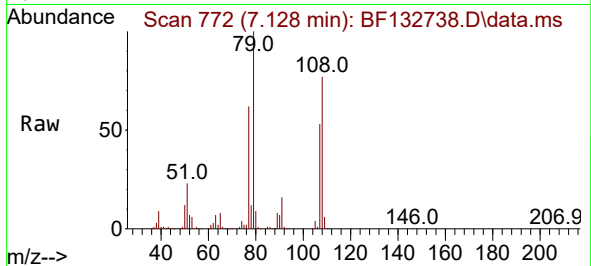
Tgt Ion:146 Resp: 745001
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
111 46.5 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.136 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

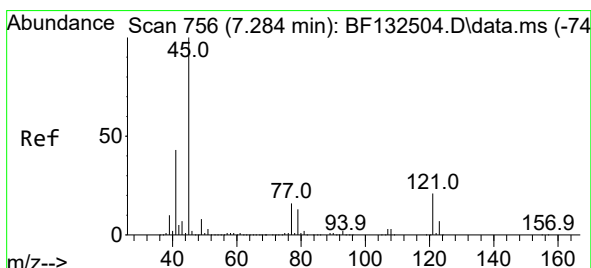
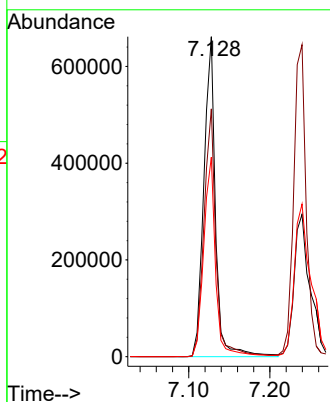
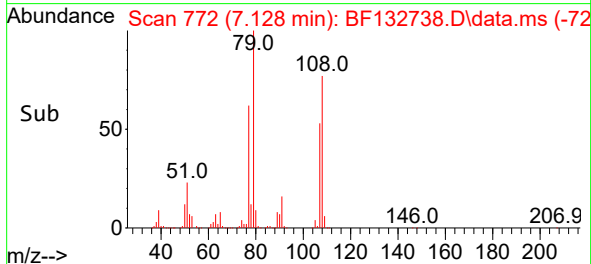
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



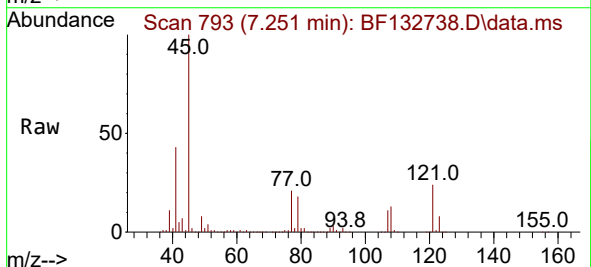
Tgt Ion: 79 Resp: 660260
Ion Ratio Lower Upper
79 100
108 77.5 60.2 90.4
77 62.4 49.9 74.9

Manual Integrations
APPROVED

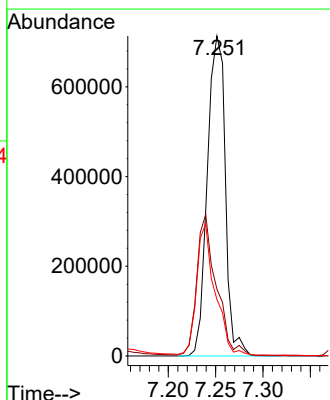
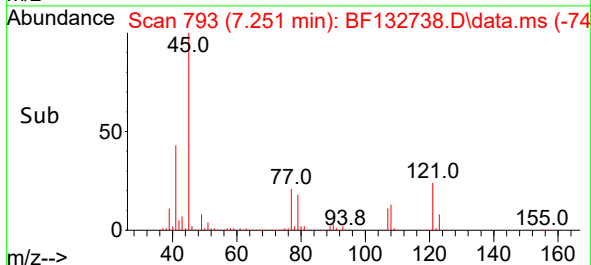
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

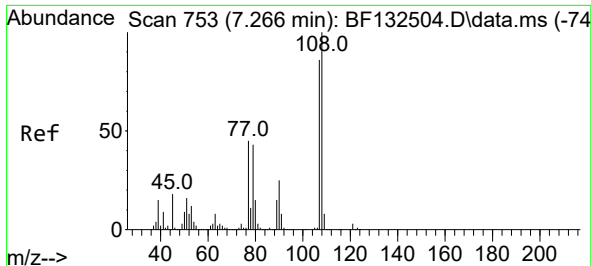


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.930 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



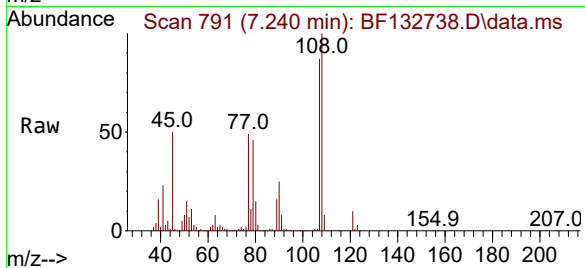
Tgt Ion: 45 Resp: 941745
Ion Ratio Lower Upper
45 100
77 20.8 0.0 36.4
79 17.6 0.0 33.4





#17
2-Methylphenol
Concen: 43.496 ng
RT: 7.240 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

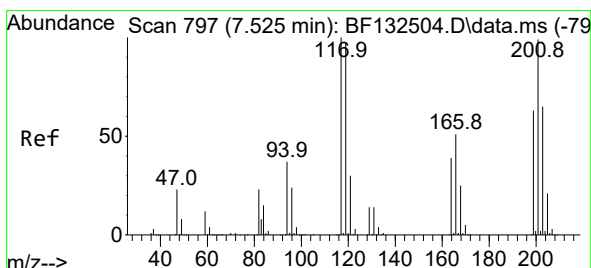
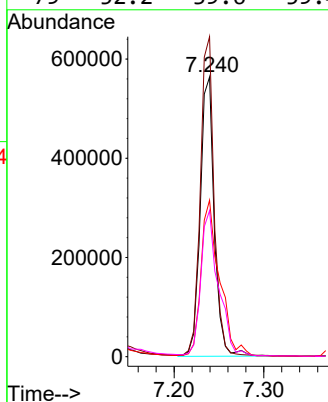
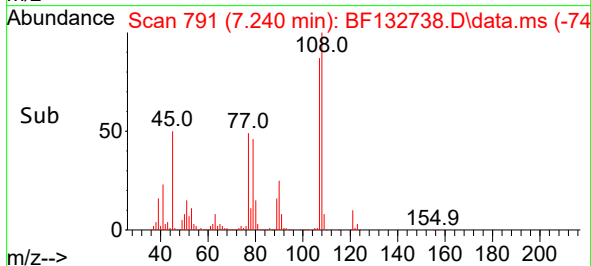
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:107 Resp: 613170
Ion Ratio Lower Upper
107 100
108 114.4 93.0 139.4
77 55.9 42.1 63.1
79 52.2 39.6 59.4

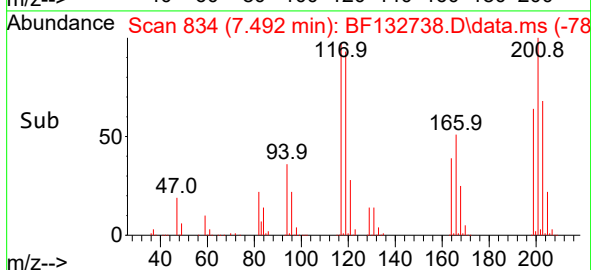
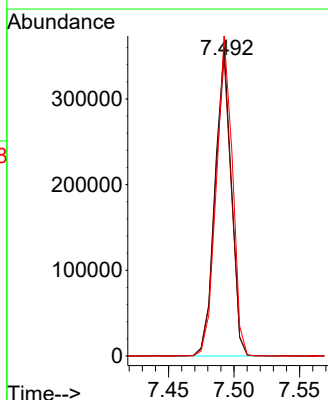
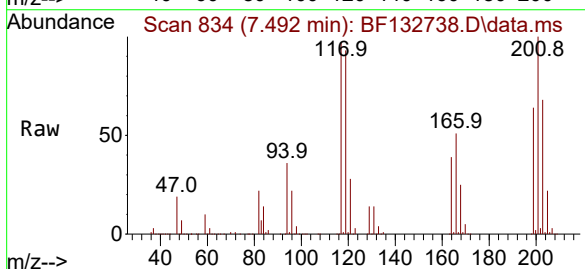
Manual Integrations
APPROVED

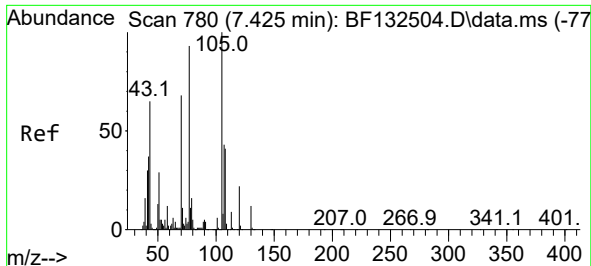
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#18
Hexachloroethane
Concen: 49.063 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

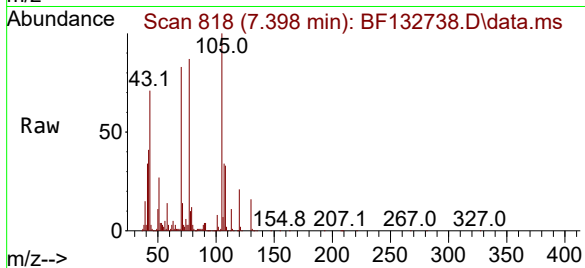
Tgt Ion:117 Resp: 310243
Ion Ratio Lower Upper
117 100
119 96.4 78.0 117.0
201 103.4 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.716 ng
RT: 7.398 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

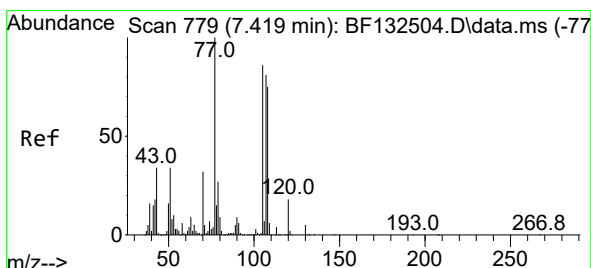
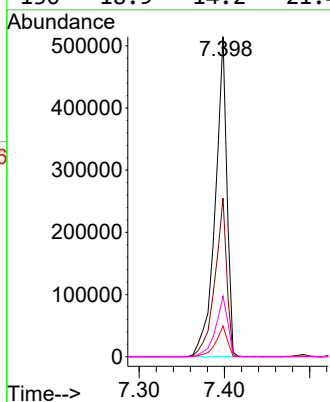
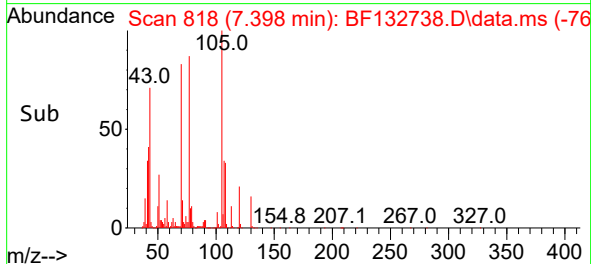
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion: 70 Resp: 487649
Ion Ratio Lower Upper
70 100
42 49.6 44.1 66.1
101 9.6 7.4 11.2
130 18.9 14.2 21.4

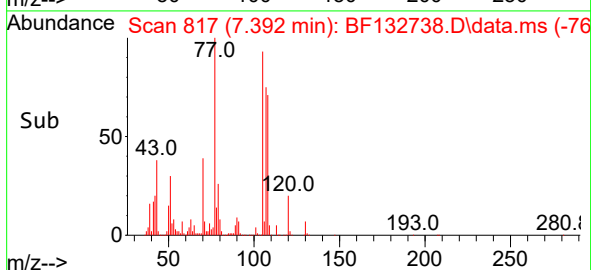
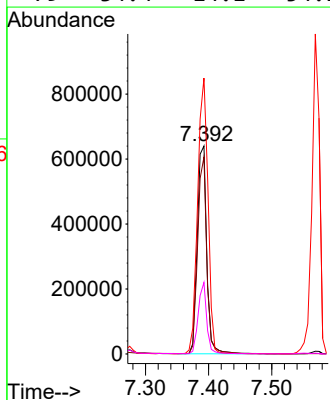
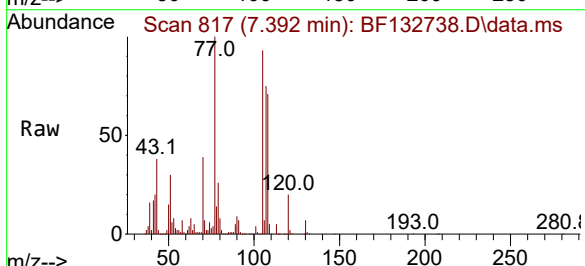
Manual Integrations
APPROVED

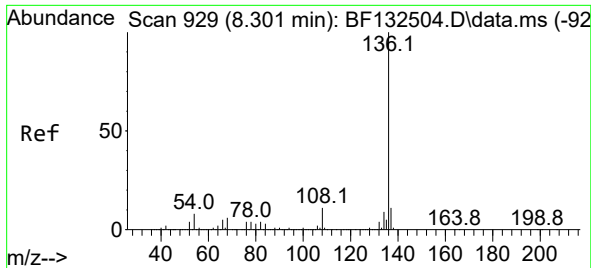
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#20
3+4-Methylphenols
Concen: 36.353 ng
RT: 7.392 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

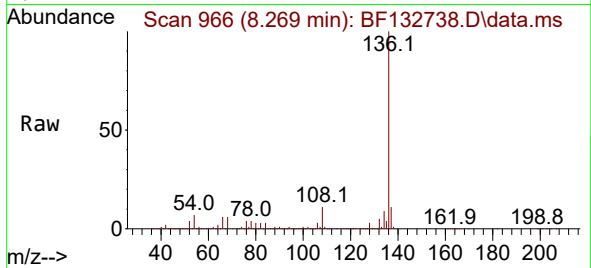
Tgt Ion:107 Resp: 662089
Ion Ratio Lower Upper
107 100
108 94.7 72.6 112.6
77 132.7 104.0 144.0
79 34.4 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

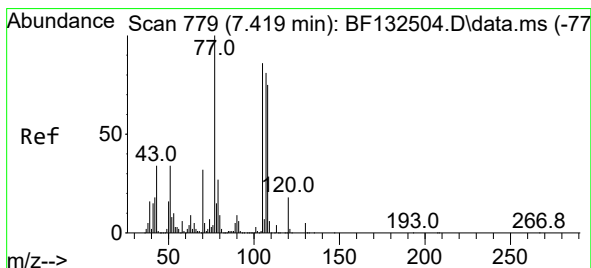
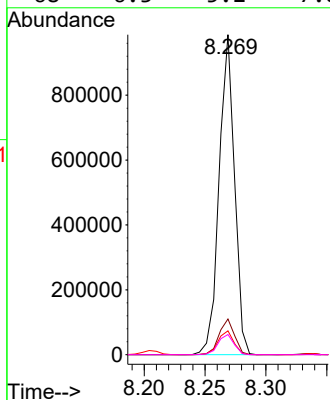
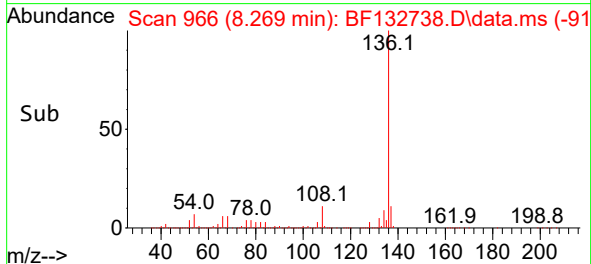
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:136 Resp: 870544
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.2 9.4
68 6.3 5.2 7.8

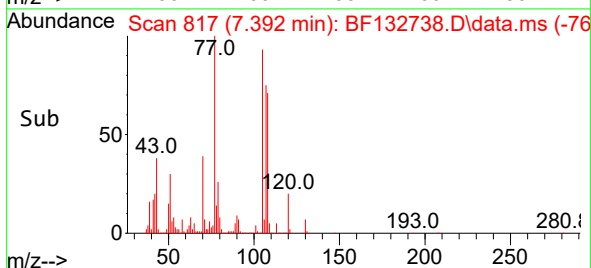
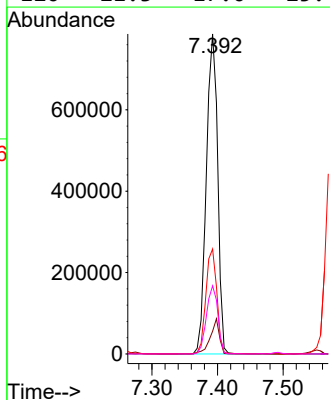
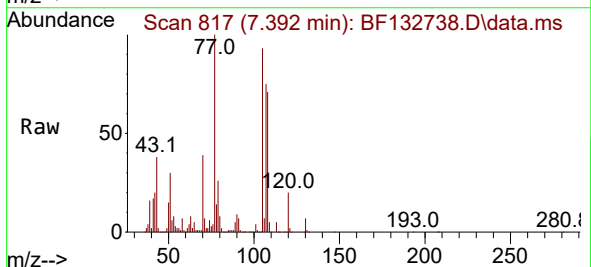
Manual Integrations
APPROVED

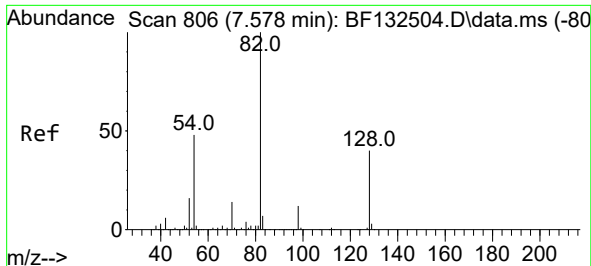
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#22
Acetophenone
Concen: 43.070 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

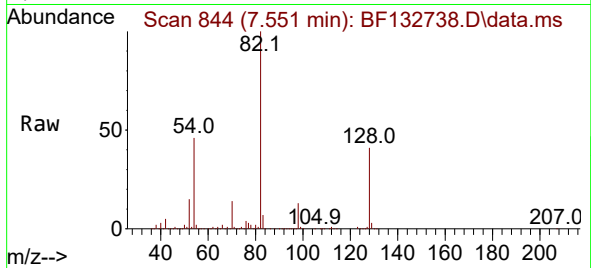
Tgt Ion:105 Resp: 945443
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 32.8 31.5 47.3
120 21.3 17.0 25.4





#23
Nitrobenzene-d5
Concen: 82.517 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

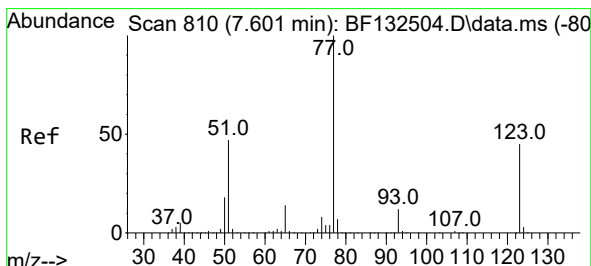
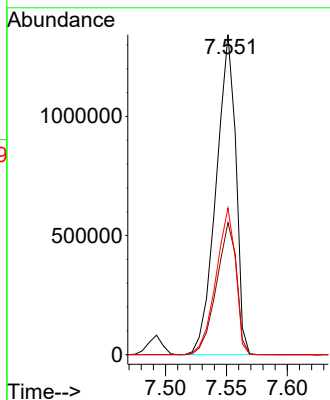
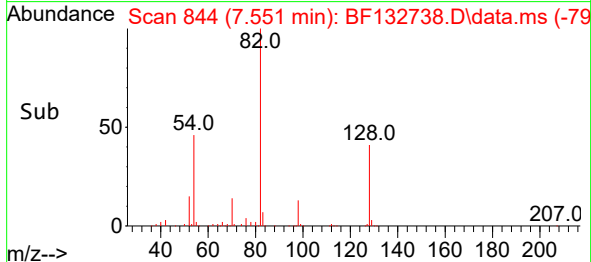
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



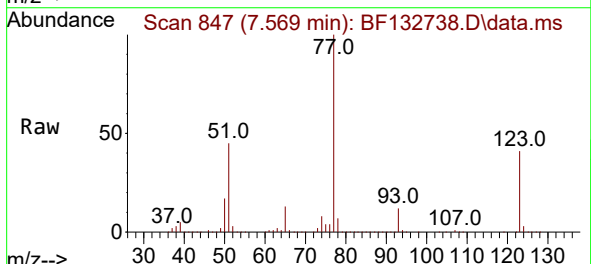
Tgt Ion: 82 Resp: 1514088
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.2
54 45.9 38.4 57.6

Manual Integrations
APPROVED

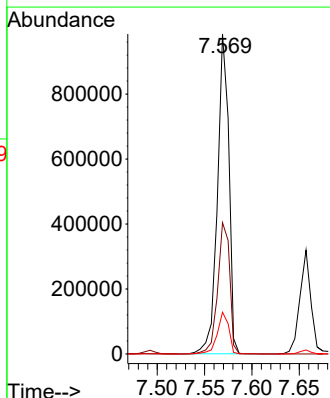
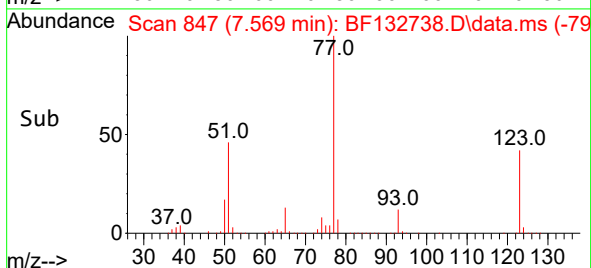
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

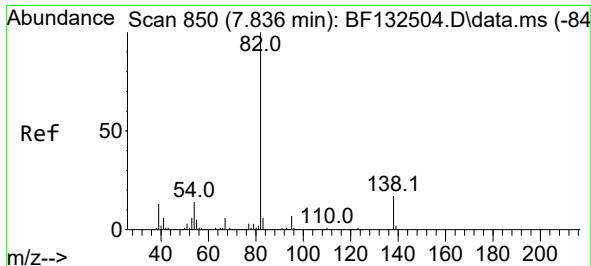


#24
Nitrobenzene
Concen: 42.114 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



Tgt Ion: 77 Resp: 826428
Ion Ratio Lower Upper
77 100
123 41.1 35.8 53.6
65 13.0 10.9 16.3





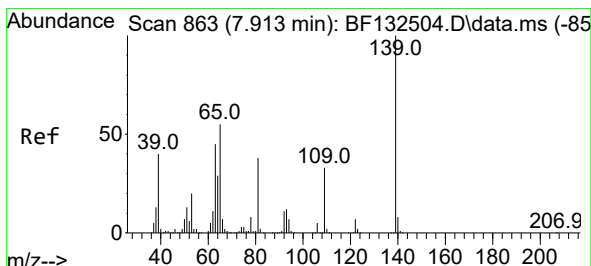
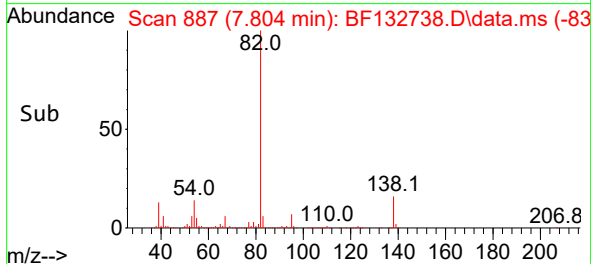
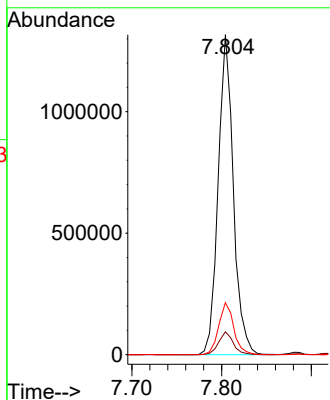
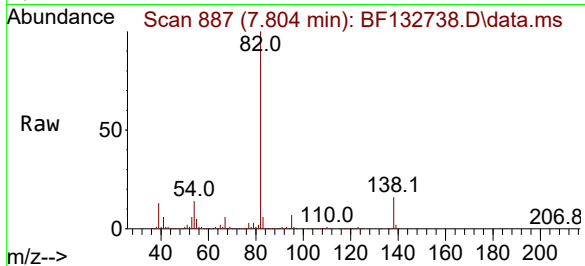
#25
Isophorone
Concen: 43.966 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB151334BSD

Tgt Ion: 82 Resp: 154666
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.3 13.3 19.9

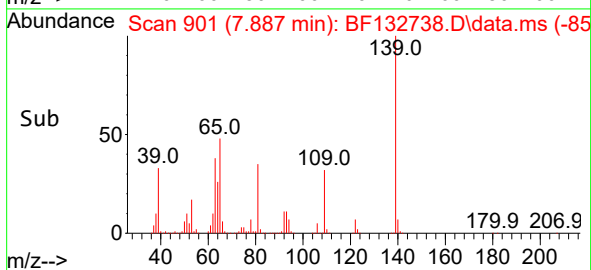
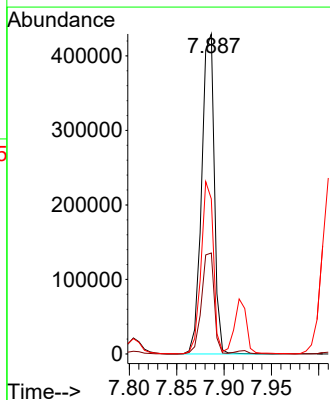
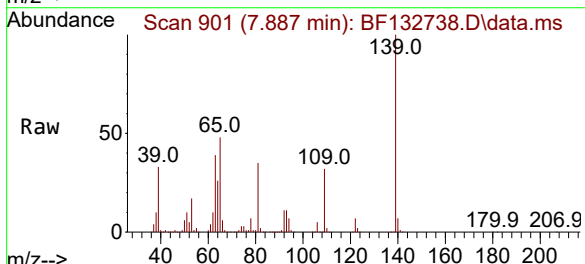
Manual Integrations
APPROVED

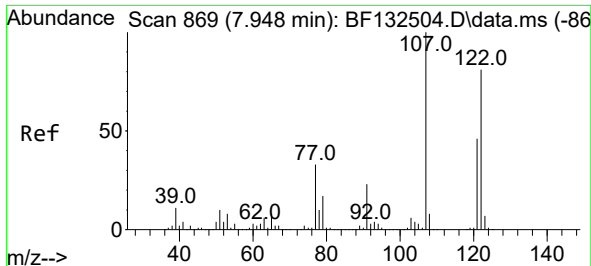
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#26
2-Nitrophenol
Concen: 46.039 ng
RT: 7.887 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:139 Resp: 398624
Ion Ratio Lower Upper
139 100
109 31.5 26.2 39.2
65 48.5 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 44.503 ng
RT: 7.916 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

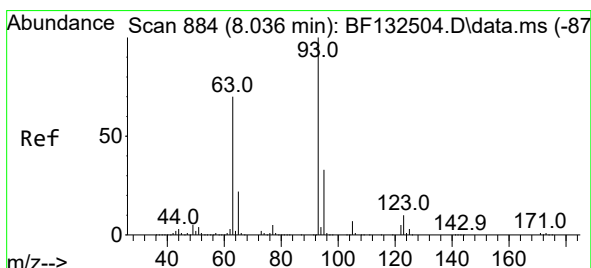
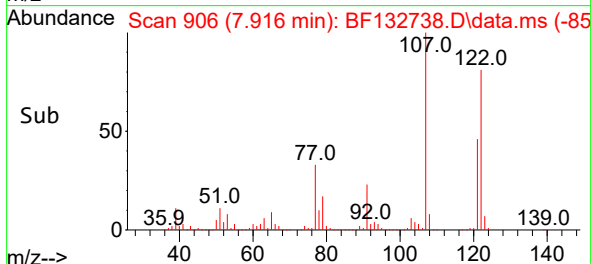
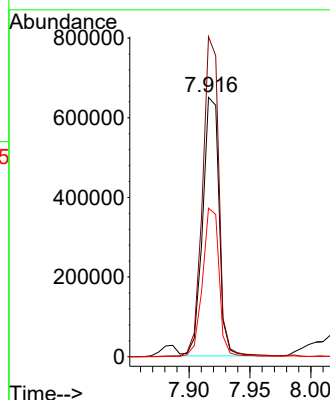
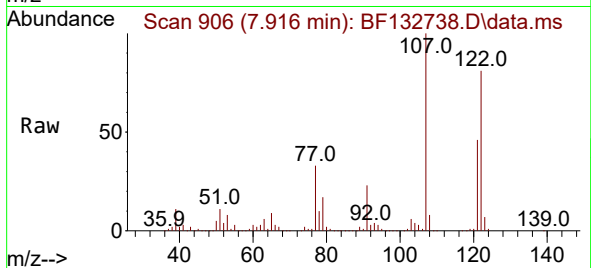
ClientSampleId :

PB151334BSD

Tgt Ion:122 Resp: 608154
Ion Ratio Lower Upper
122 100
107 123.4 98.7 148.1
121 57.3 45.8 68.6

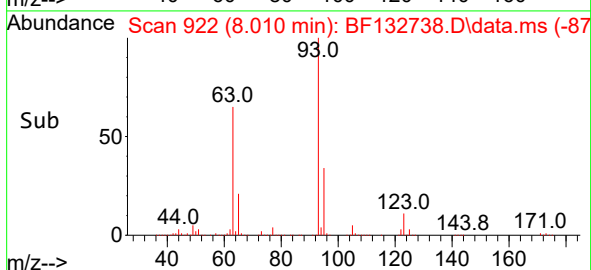
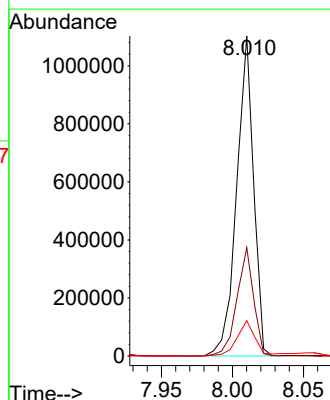
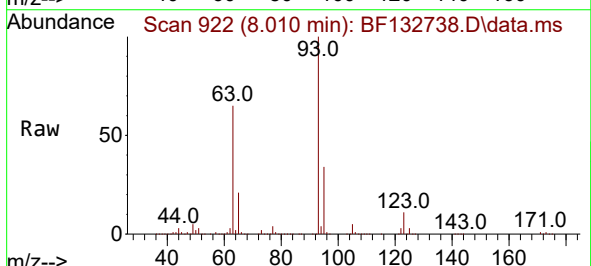
Manual Integrations
APPROVED

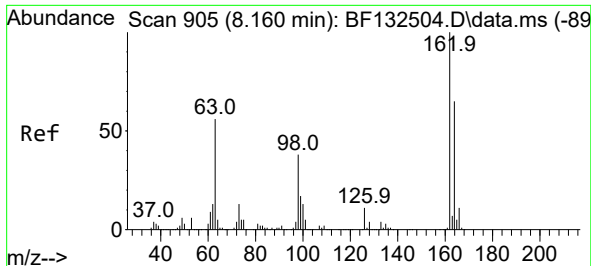
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.479 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion: 93 Resp: 915348
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 11.1 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.036 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

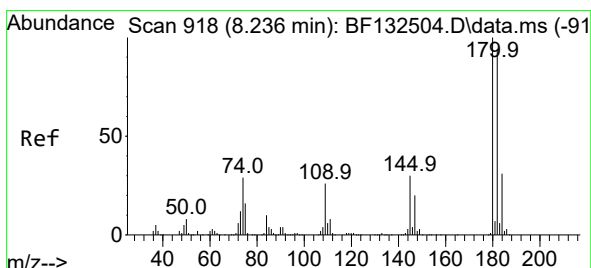
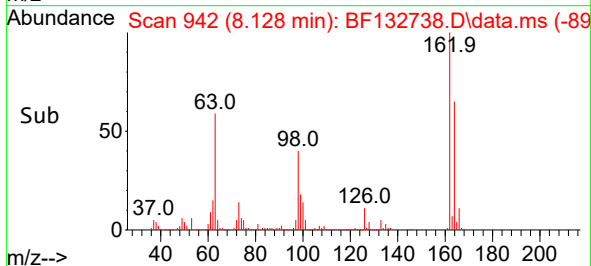
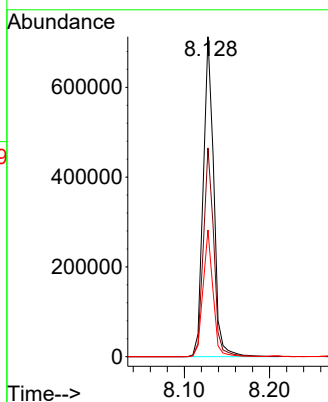
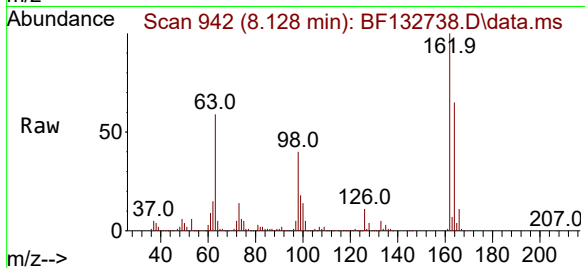
ClientSampleId :

PB151334BSD

Tgt Ion:162 Resp: 61220
 Ion Ratio Lower Upper
 162 100
 164 65.2 45.3 85.3
 98 39.6 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: 46.730 ng

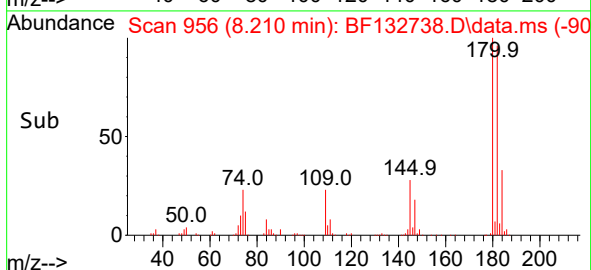
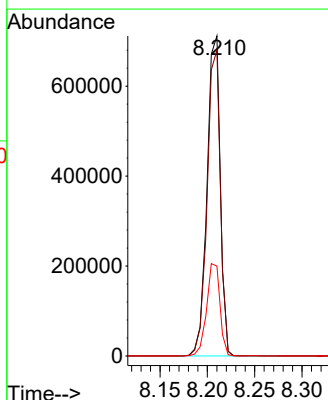
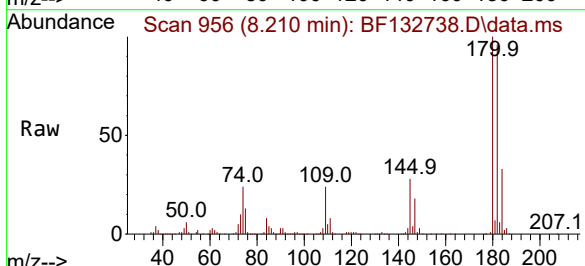
RT: 8.210 min Scan# 956

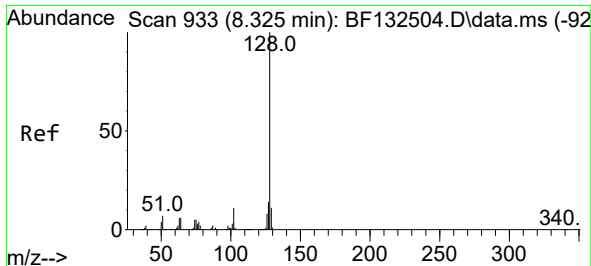
Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

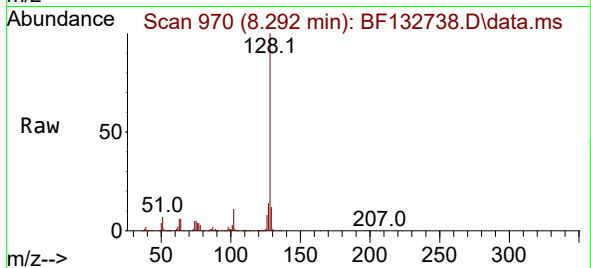
Tgt Ion:180 Resp: 689777
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.1 112.7
 145 28.1 23.8 35.6





#31
Naphthalene
Concen: 42.731 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

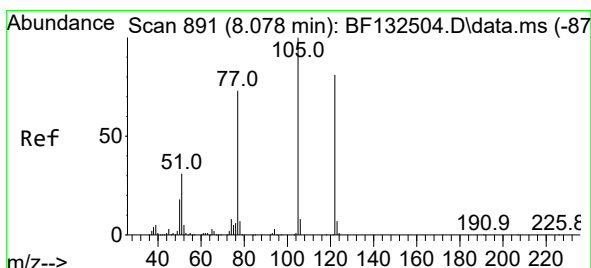
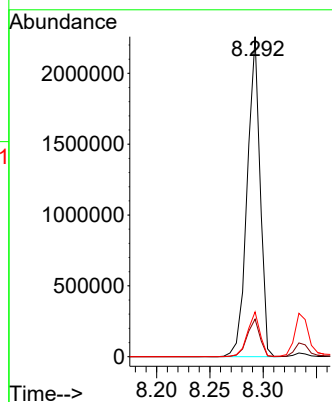
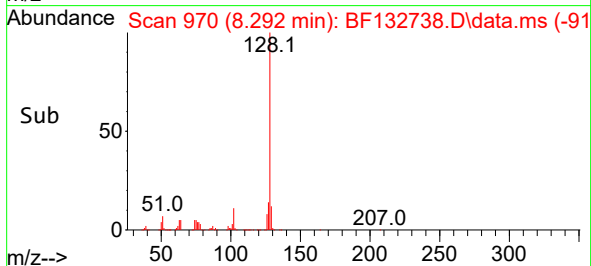
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



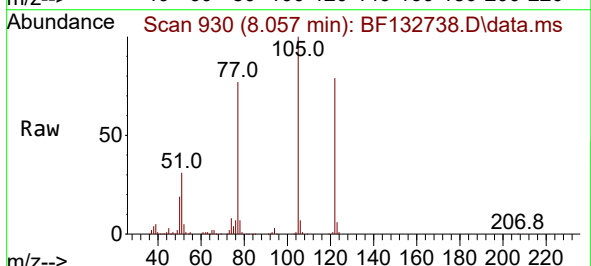
Tgt Ion:128 Resp: 1904359
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.0 11.0 16.6

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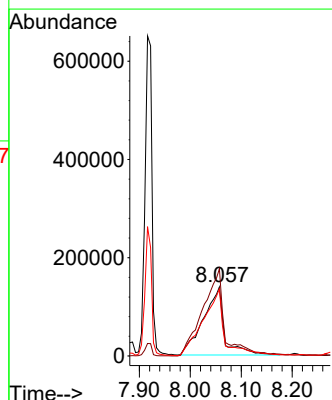
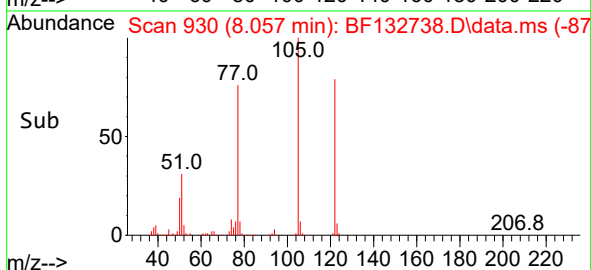
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

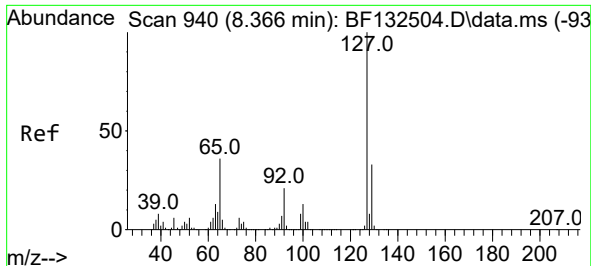


#32
Benzoic acid
Concen: 37.745 ng m
RT: 8.057 min Scan# 930
Delta R.T. 0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



Tgt Ion:122 Resp: 396865
Ion Ratio Lower Upper
122 100
105 126.3 102.6 142.6
77 97.1 70.2 110.2





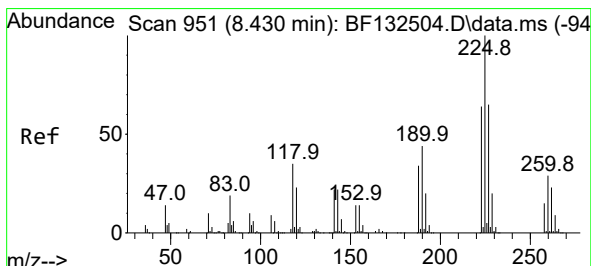
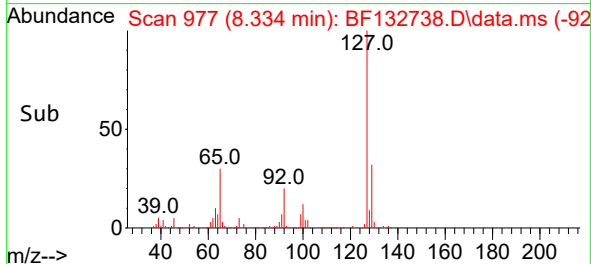
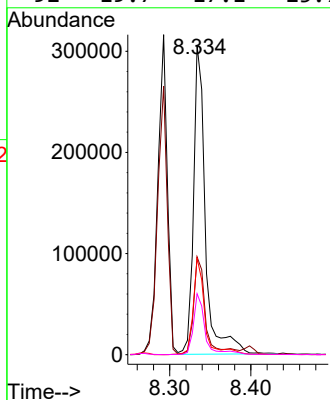
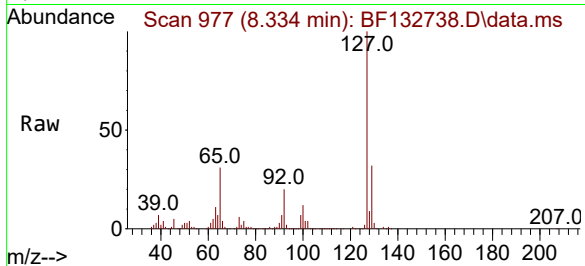
#33
4-Chloroaniline
Concen: 16.431 ng
RT: 8.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB151334BSD

Tgt Ion:	127	Resp:	313794
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.4	39.6
65	31.2	28.8	43.2
92	19.7	17.1	25.7

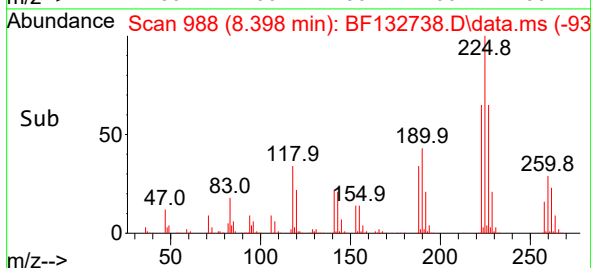
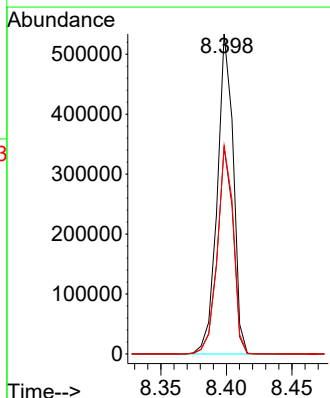
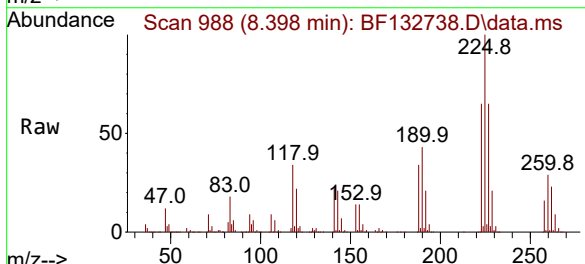
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 48.085 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

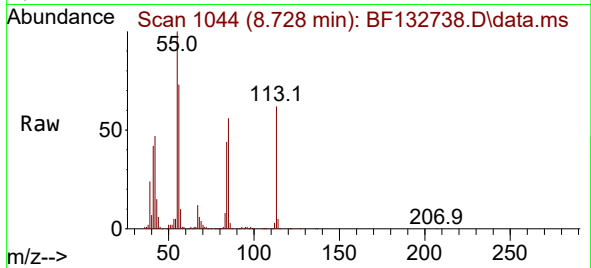
Tgt Ion:	225	Resp:	451026
Ion Ratio	Lower	Upper	
225	100		
223	64.5	51.0	76.4
227	65.2	51.7	77.5





#35
Caprolactam
Concen: 45.514 ng m
RT: 8.728 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

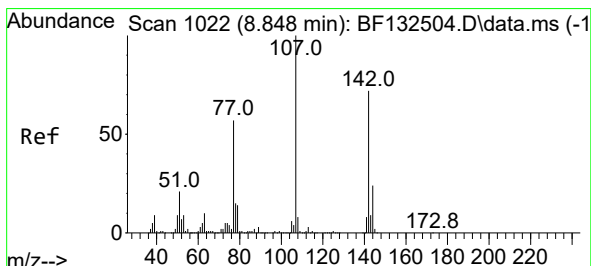
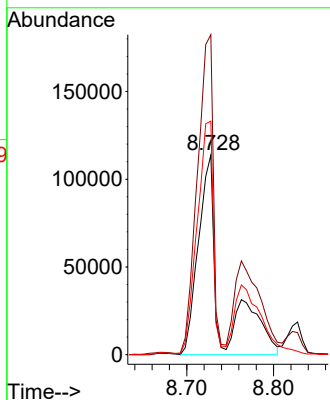
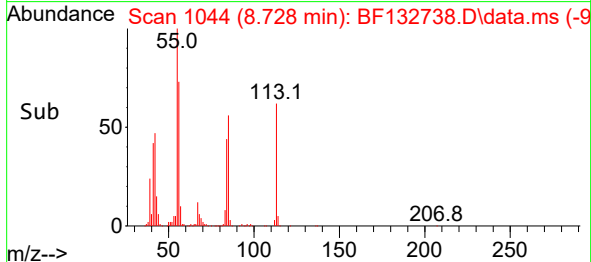
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:113 Resp: 203970
Ion Ratio Lower Upper
113 100
55 160.3 149.4 189.4
56 117.0 105.0 145.0

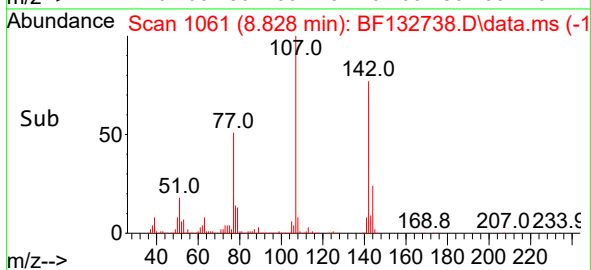
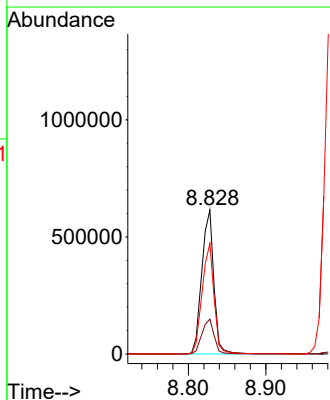
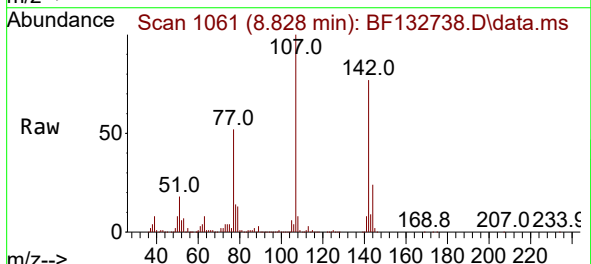
Manual Integrations
APPROVED

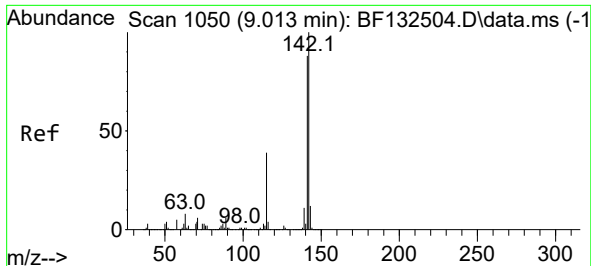
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#36
4-Chloro-3-methylphenol
Concen: 44.527 ng
RT: 8.828 min Scan# 1061
Delta R.T. 0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

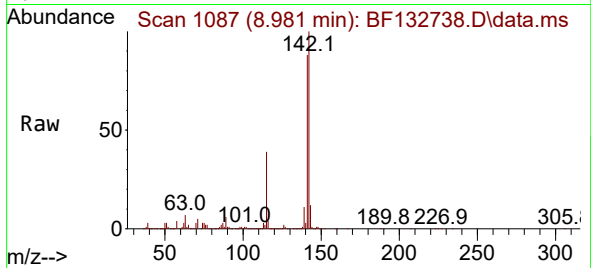
Tgt Ion:107 Resp: 664734
Ion Ratio Lower Upper
107 100
144 24.3 18.9 28.3
142 76.7 57.9 86.9





#37
2-Methylnaphthalene
Concen: 42.112 ng
RT: 8.981 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

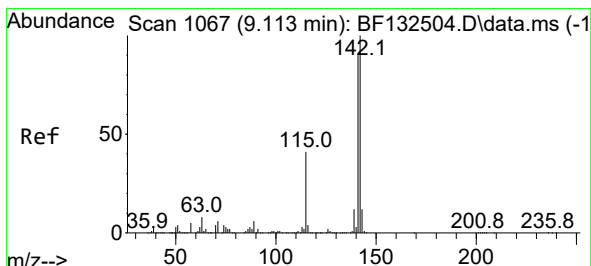
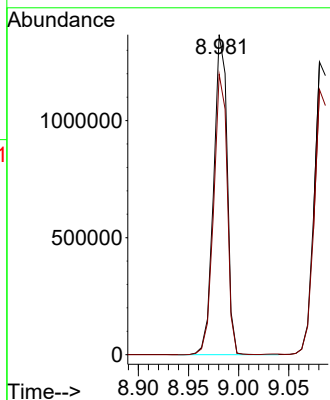
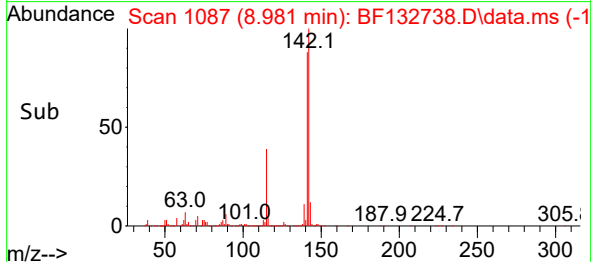
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:142 Resp: 1279010
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.2

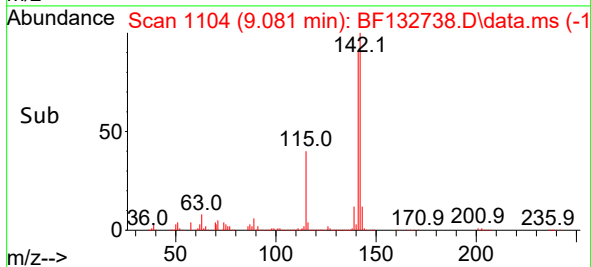
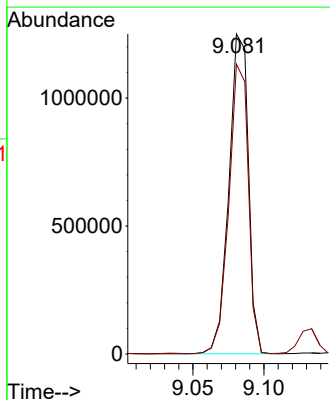
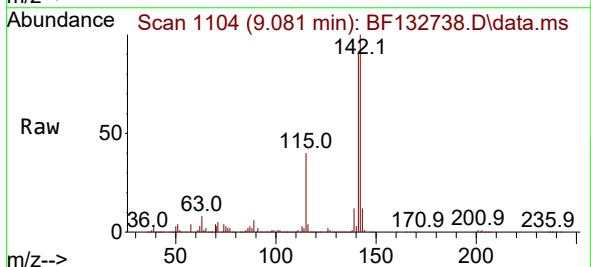
Manual Integrations
APPROVED

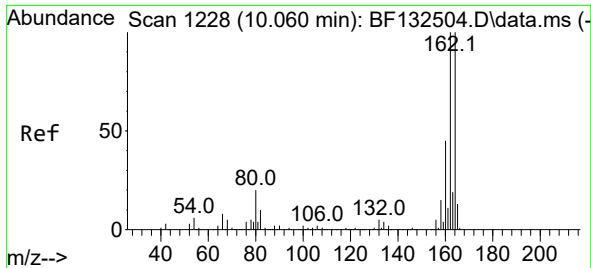
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#38
1-Methylnaphthalene
Concen: 42.205 ng
RT: 9.081 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

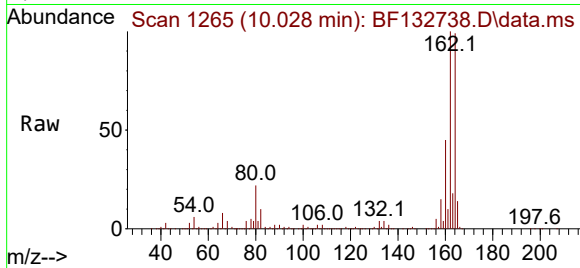
Tgt Ion:142 Resp: 1197932
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

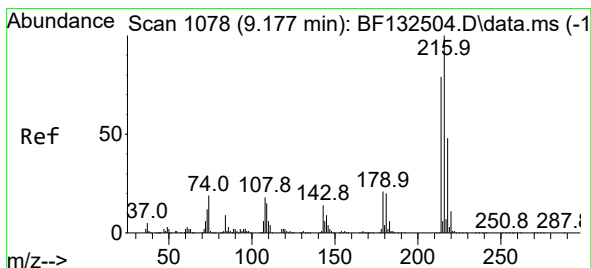
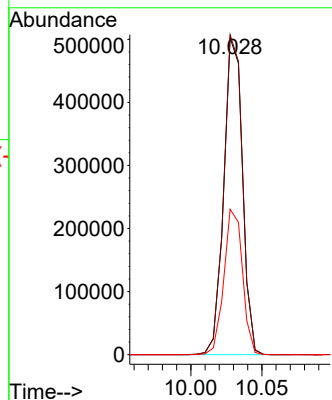
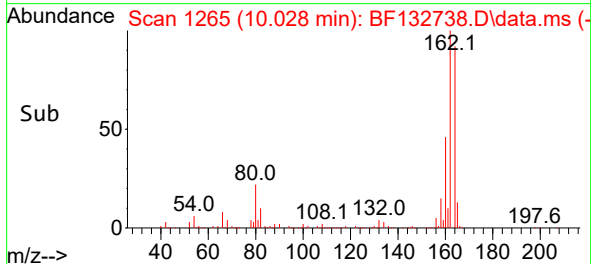
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



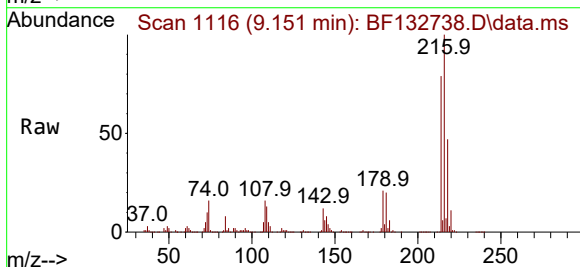
Tgt Ion:164 Resp: 45938
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 45.9 35.8 53.6

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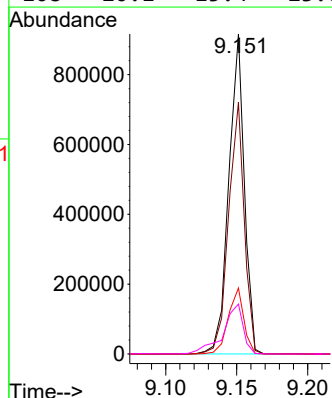
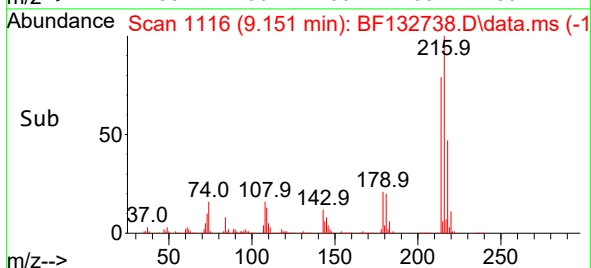
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

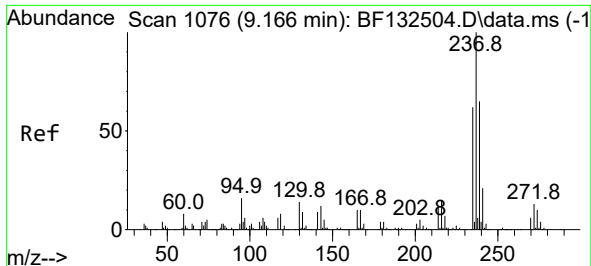


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.467 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



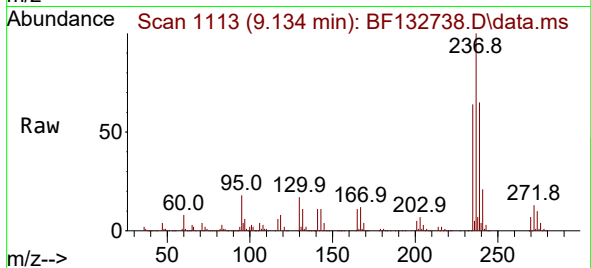
Tgt Ion:216 Resp: 698398
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.6
179 20.6 16.6 24.8
108 20.1 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 99.647 ng
RT: 9.134 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

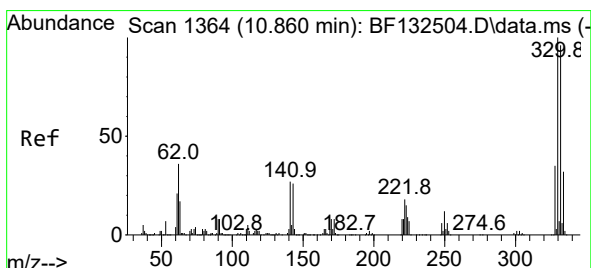
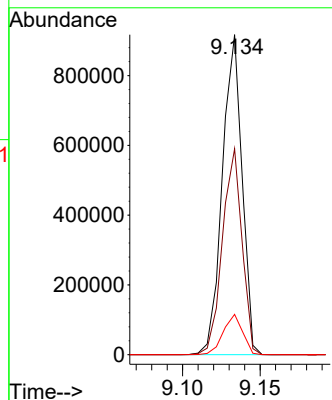
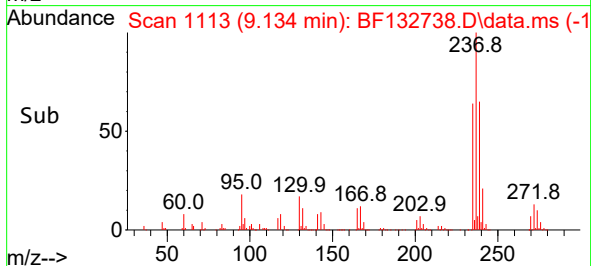
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



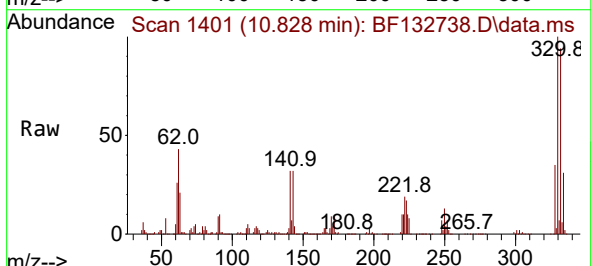
Tgt Ion:237 Resp: 812330
Ion Ratio Lower Upper
237 100
235 64.3 42.4 82.4
272 12.6 0.0 32.7

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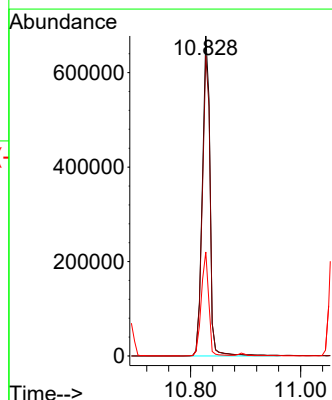
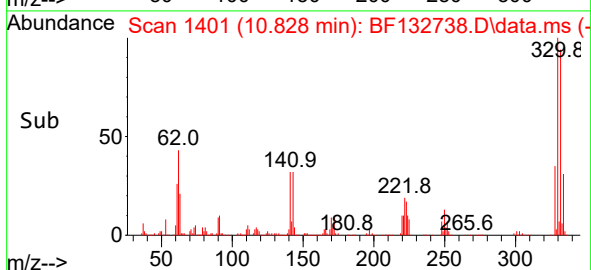
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

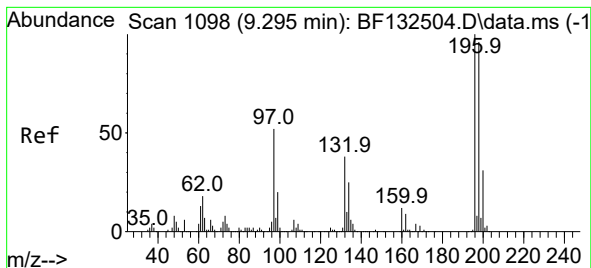


#42
2,4,6-Tribromophenol
Concen: 132.910 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



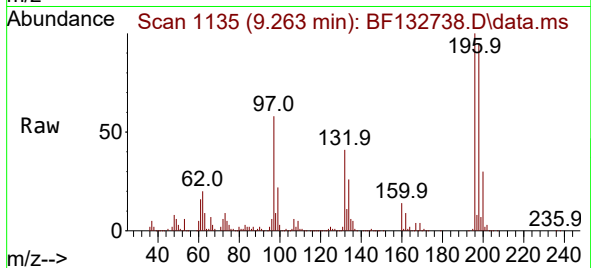
Tgt Ion:330 Resp: 659389
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 31.6 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 44.774 ng
RT: 9.263 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

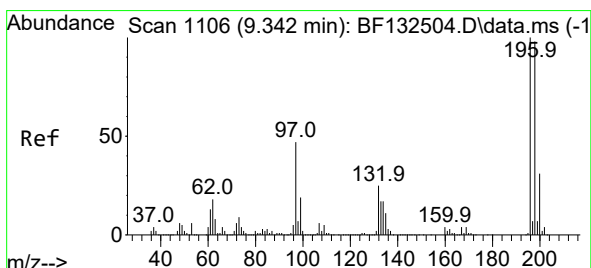
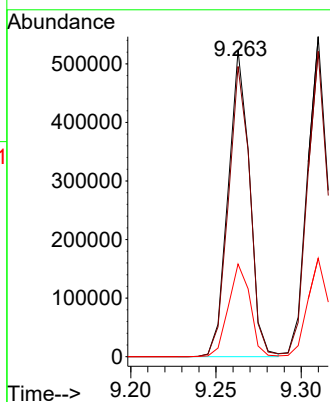
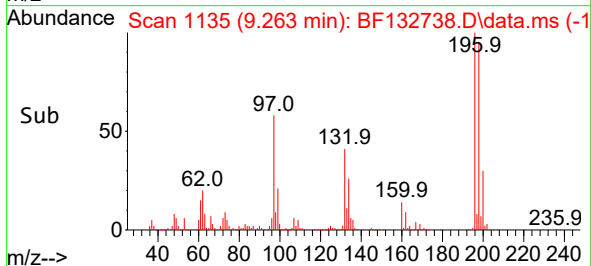
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



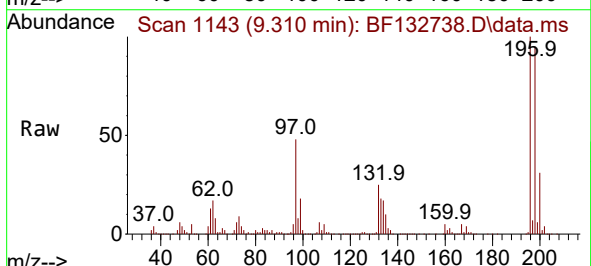
Tgt Ion:196 Resp: 456062
Ion Ratio Lower Upper
196 100
198 94.7 77.1 115.7
200 30.2 25.0 37.4

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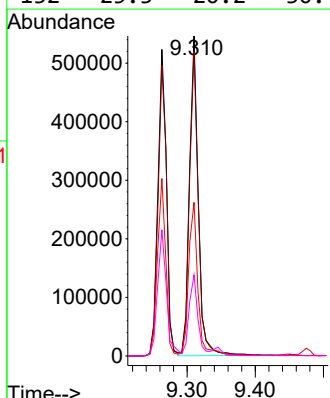
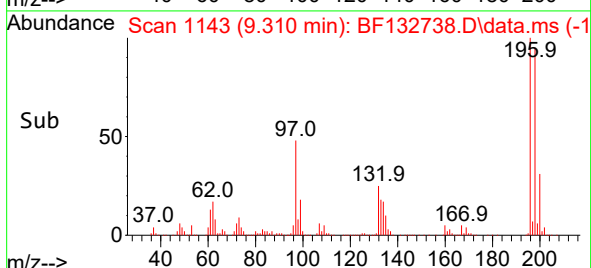
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

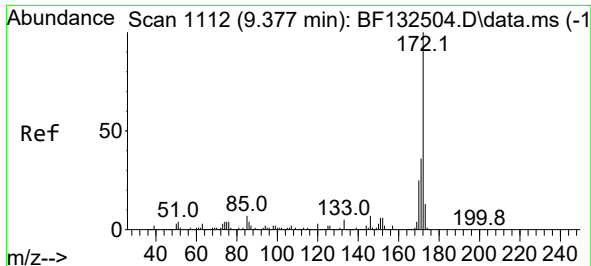


#44
2,4,5-Trichlorophenol
Concen: 41.107 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



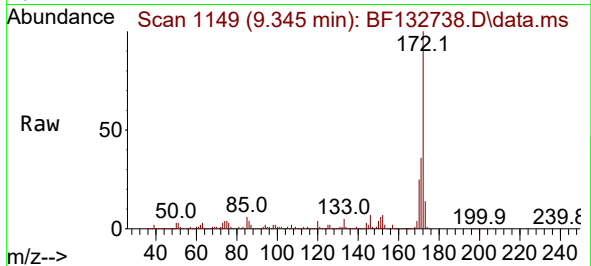
Tgt Ion:196 Resp: 488685
Ion Ratio Lower Upper
196 100
198 95.4 78.3 117.5
97 48.0 38.1 57.1
132 25.3 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 79.650 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

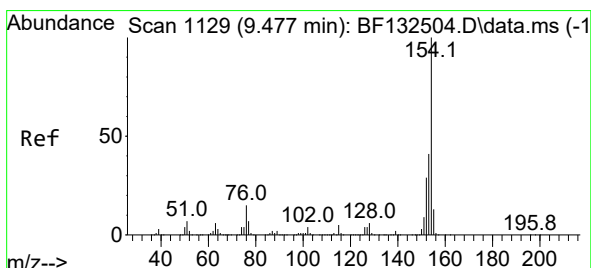
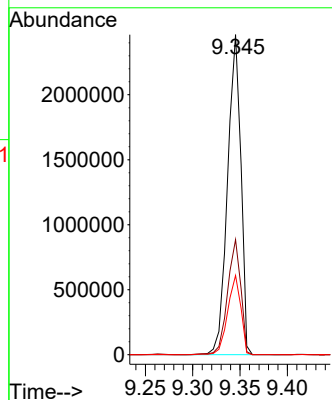
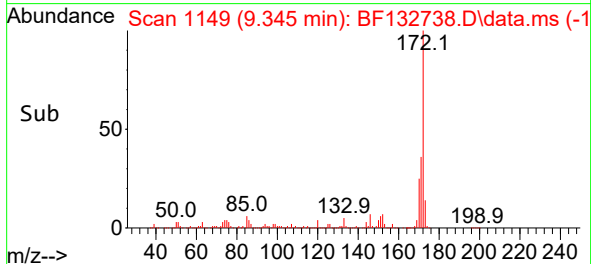
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



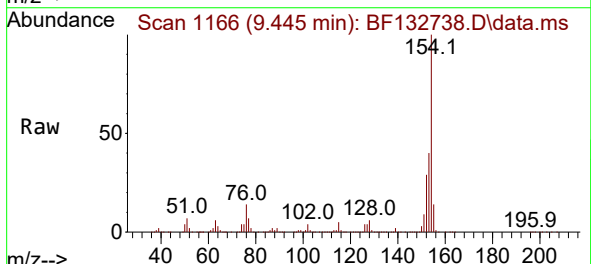
Tgt Ion:172 Resp: 2403040
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.8 19.7 29.5

Manual Integrations
APPROVED

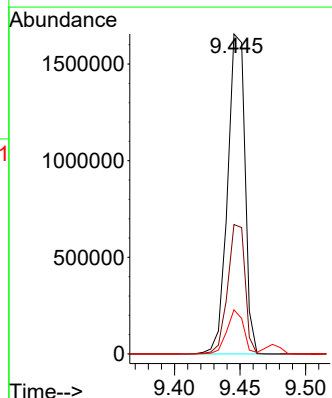
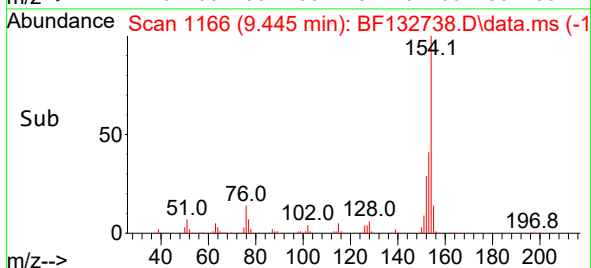
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

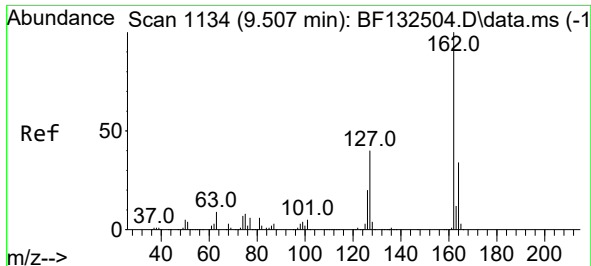


#46
1,1'-Biphenyl
Concen: 43.957 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



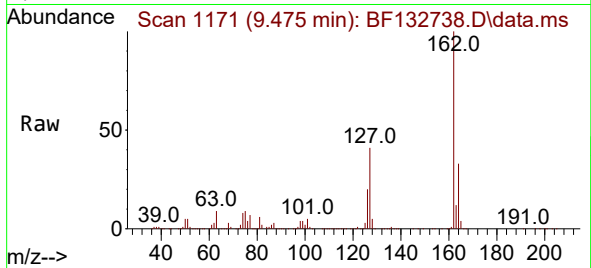
Tgt Ion:154 Resp: 1528411
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 13.8 0.0 34.7





#47
2-Chloronaphthalene
Concen: 45.130 ng
RT: 9.475 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

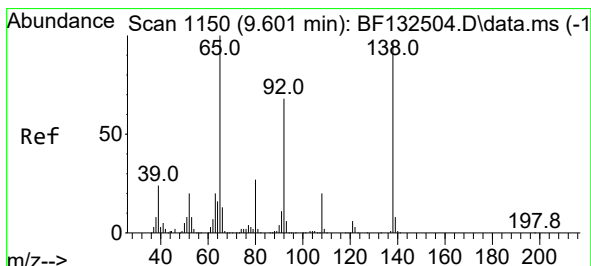
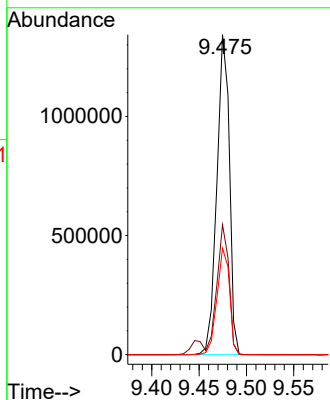
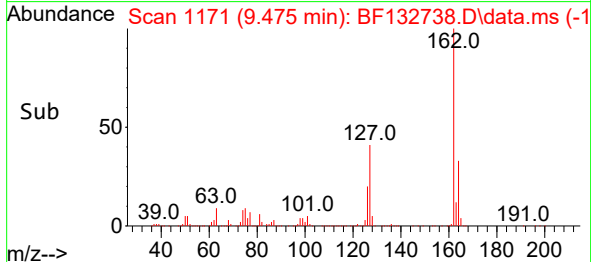
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:162 Resp: 1244119
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 33.2 26.9 40.3

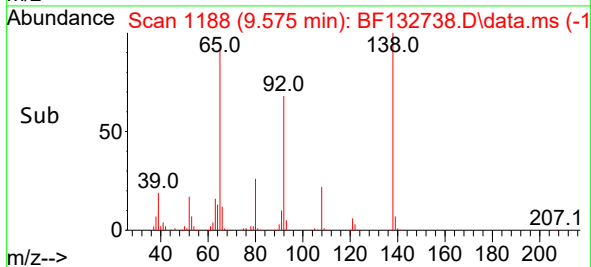
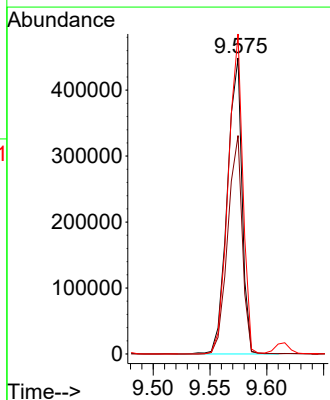
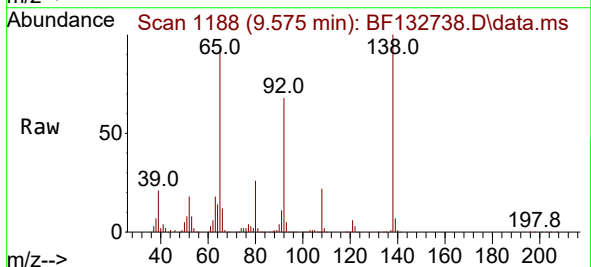
Manual Integrations
APPROVED

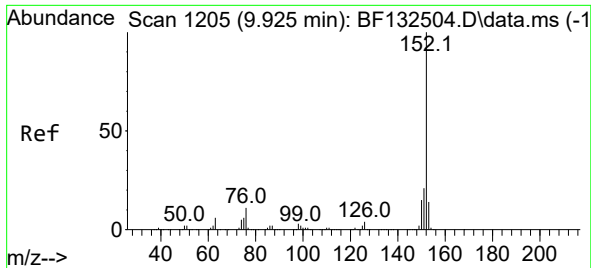
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#48
2-Nitroaniline
Concen: 39.928 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

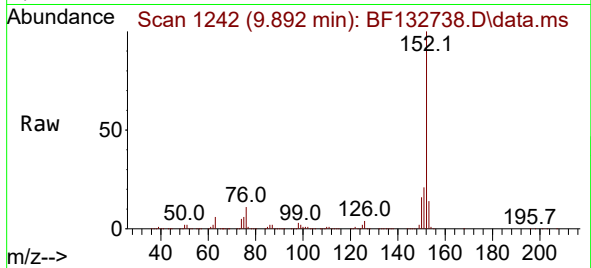
Tgt Ion: 65 Resp: 405393
Ion Ratio Lower Upper
65 100
92 73.8 54.5 81.7
138 108.1 77.2 115.8





#49
Acenaphthylene
Concen: 42.196 ng
RT: 9.892 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

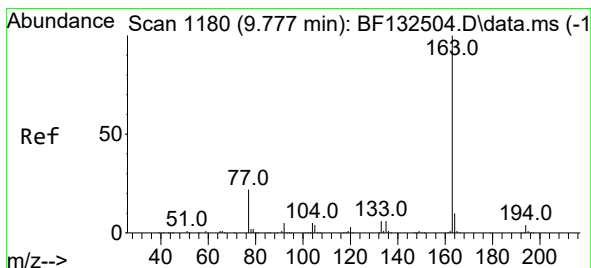
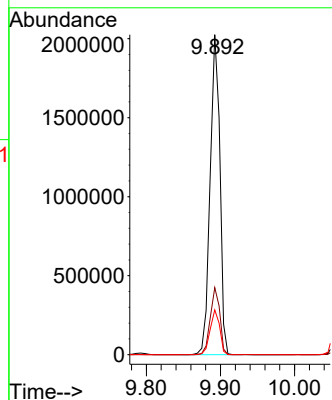
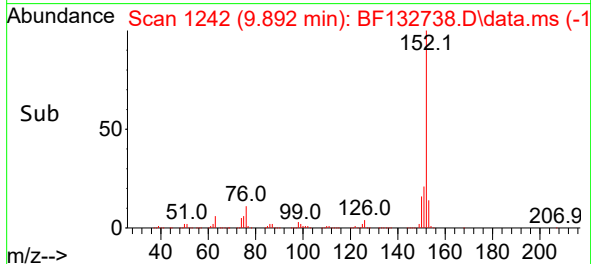
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



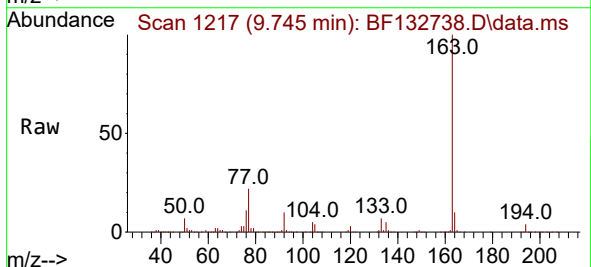
Tgt Ion:152 Resp: 1851289
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.0 11.0 16.6

Manual Integrations
APPROVED

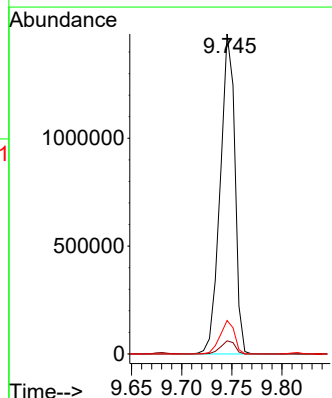
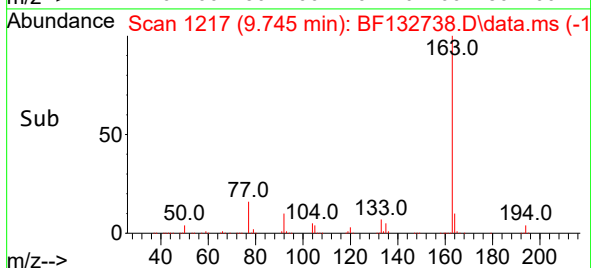
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

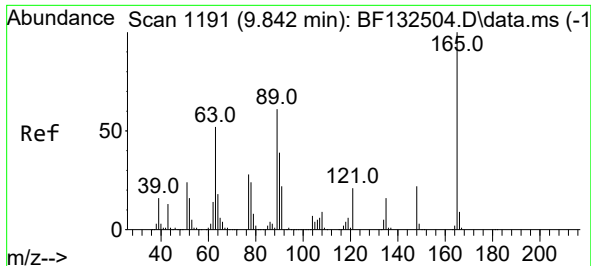


#50
Dimethylphthalate
Concen: 45.106 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



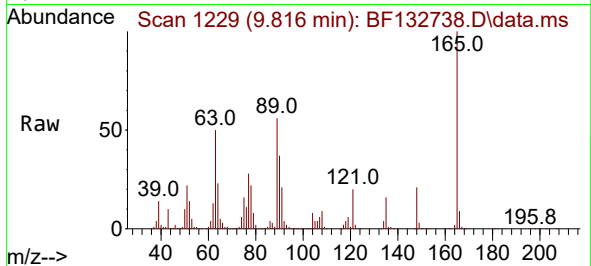
Tgt Ion:163 Resp: 1508754
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.536 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

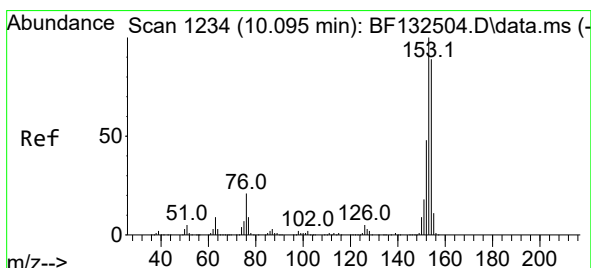
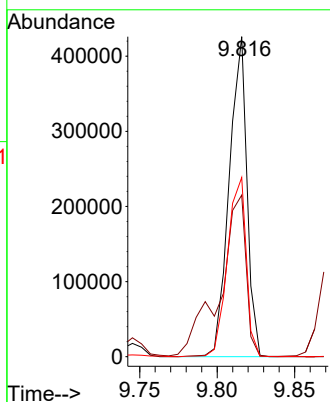
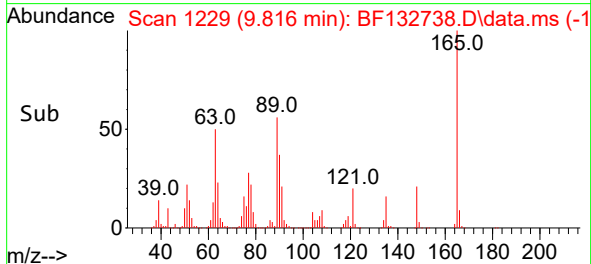
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:165 Resp: 33926
Ion Ratio Lower Upper
165 100
63 50.5 47.3 70.9
89 56.0 48.9 73.3

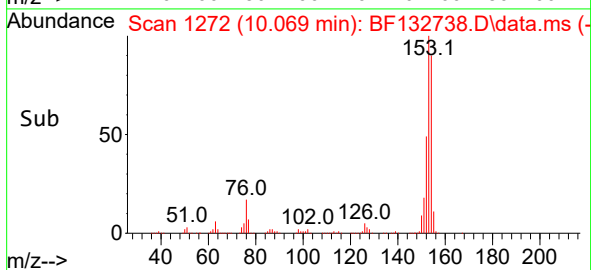
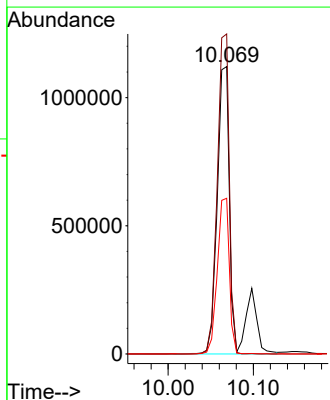
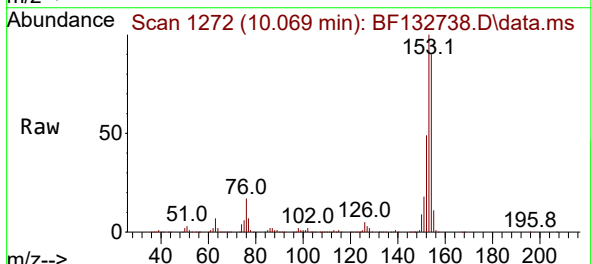
Manual Integrations
APPROVED

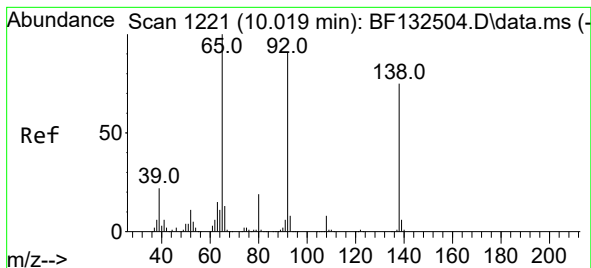
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#52
Acenaphthene
Concen: 47.661 ng m
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:154 Resp: 1327826
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.8
152 54.2 43.3 64.9





#53
3-Nitroaniline
Concen: 26.766 ng
RT: 9.986 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

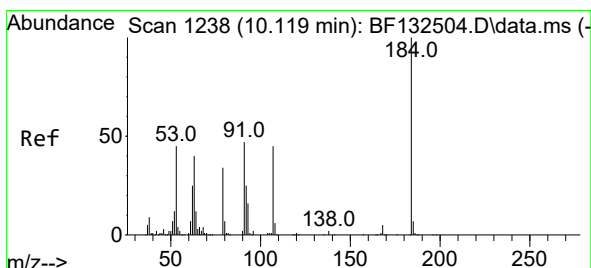
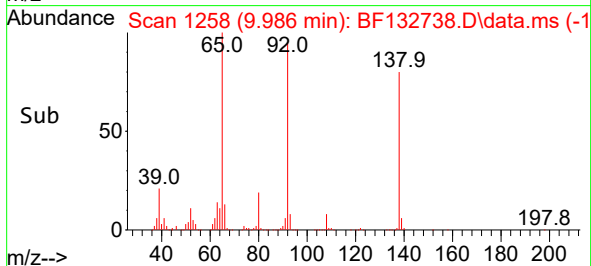
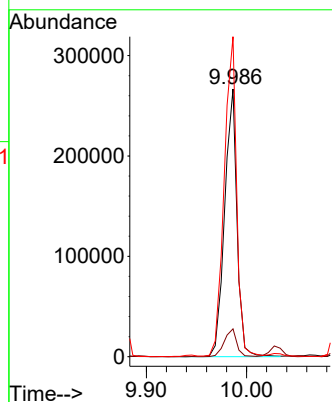
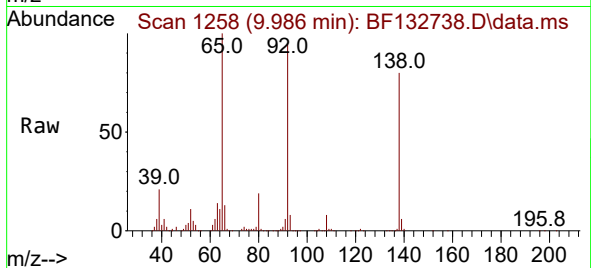
PB151334BSD

Tgt Ion:138 Resp: 22808
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 119.6 97.2 145.8

Manual Integrations

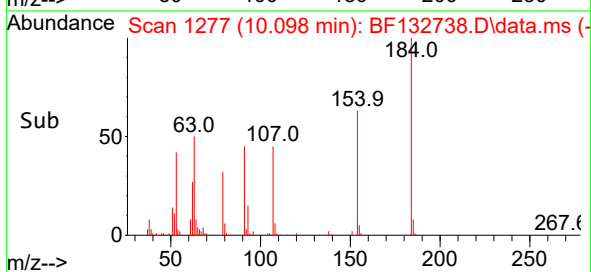
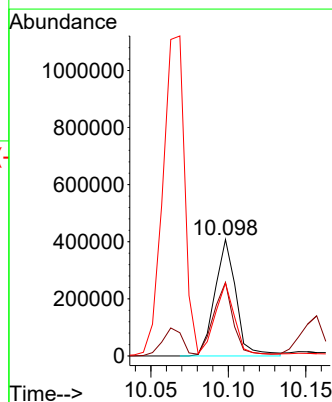
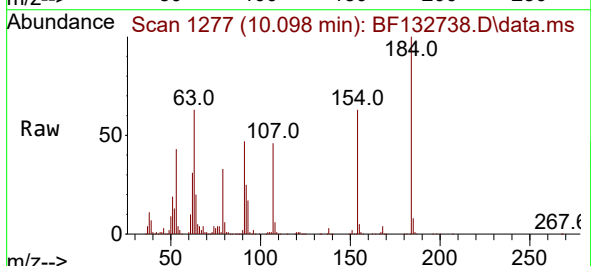
APPROVED

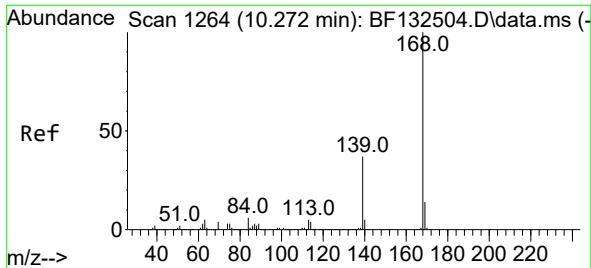
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#54
2,4-Dinitrophenol
Concen: 80.573 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

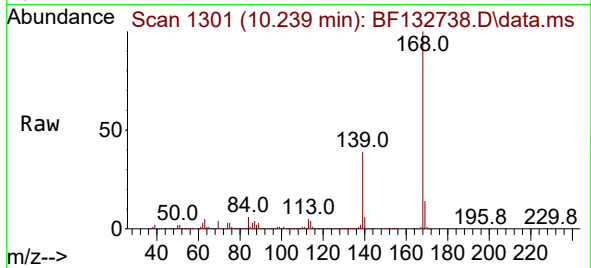
Tgt Ion:184 Resp: 386844
Ion Ratio Lower Upper
184 100
63 63.1 51.4 77.2
154 62.6 48.3 72.5





#55
Dibenzenofuran
Concen: 41.939 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

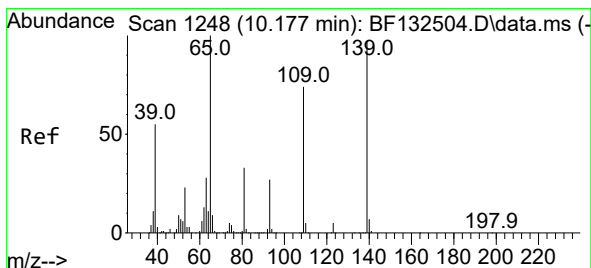
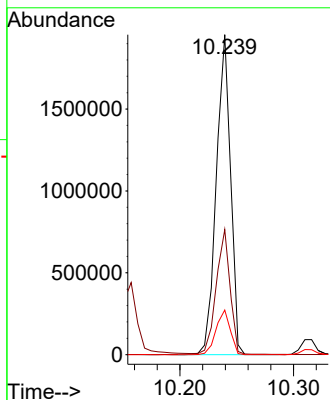
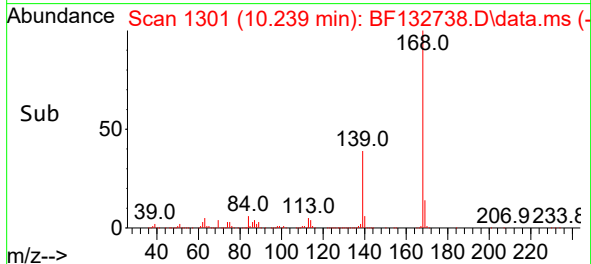
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:168 Resp: 170332
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.6
169 14.0 10.9 16.3

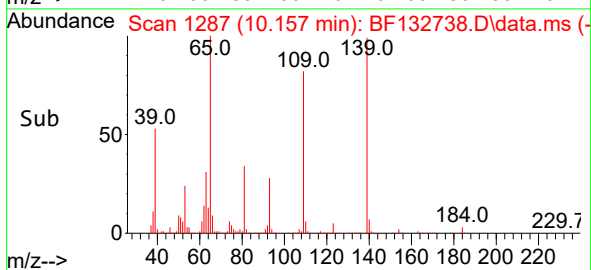
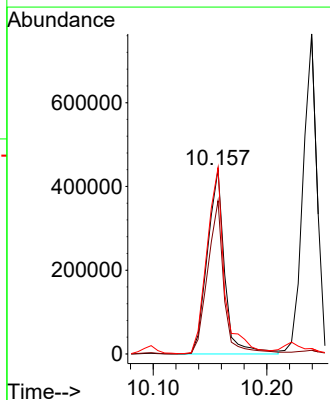
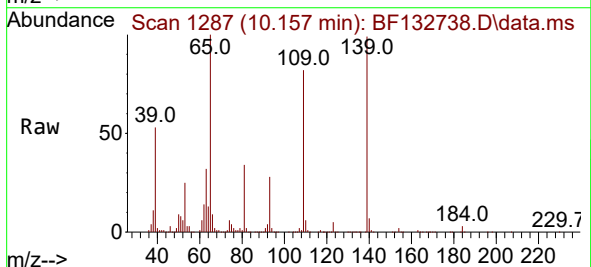
Manual Integrations
APPROVED

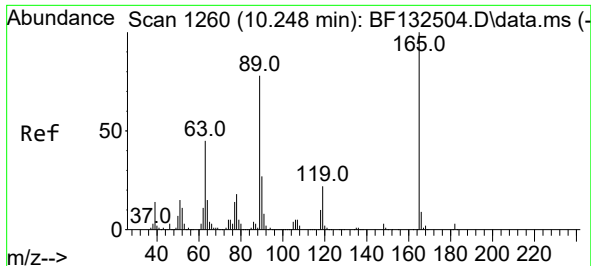
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#56
4-Nitrophenol
Concen: 73.118 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:139 Resp: 464661
Ion Ratio Lower Upper
139 100
109 83.1 56.7 96.7
65 100.9 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 44.326 ng

RT: 10.222 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion:165 Resp: 449218

Ion Ratio Lower Upper

165 100

63 45.5 36.5 54.7

89 78.3 62.4 93.6

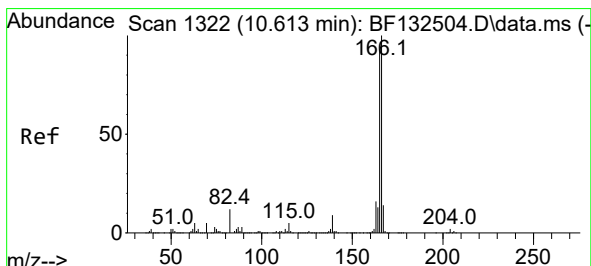
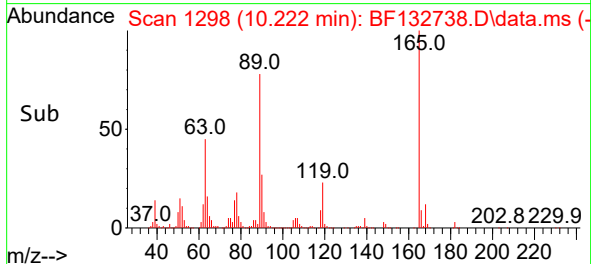
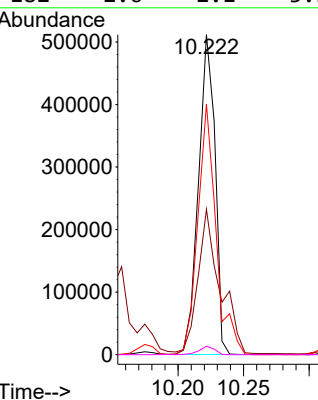
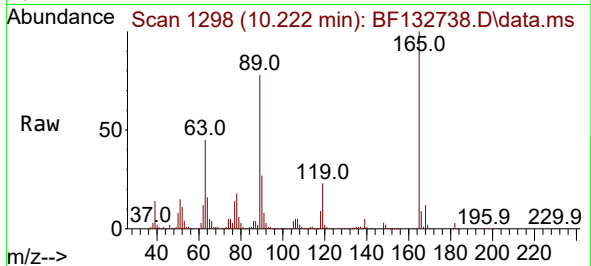
182 2.6 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#58

Fluorene

Concen: 42.981 ng

RT: 10.580 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

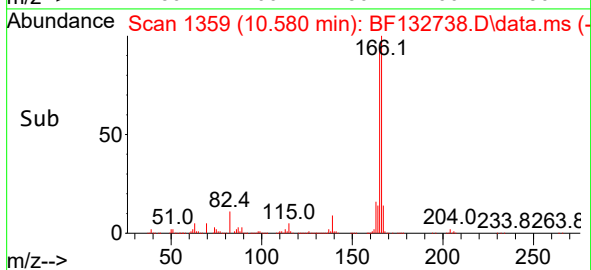
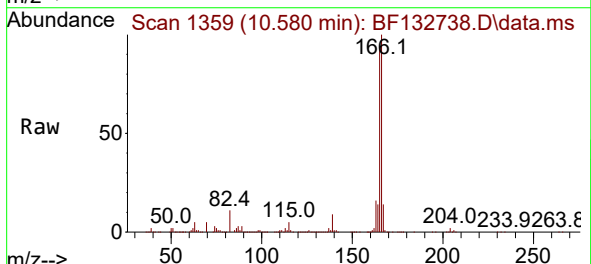
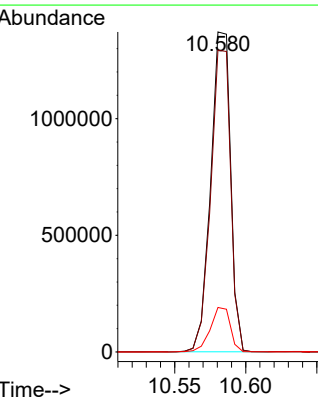
Tgt Ion:166 Resp: 1335252

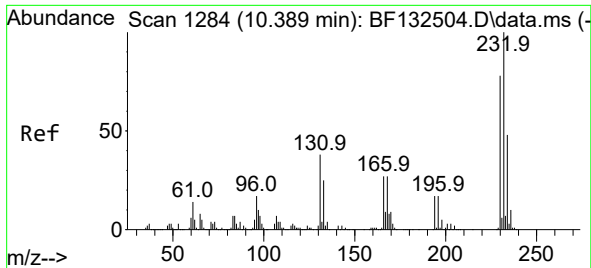
Ion Ratio Lower Upper

166 100

165 94.3 74.2 111.4

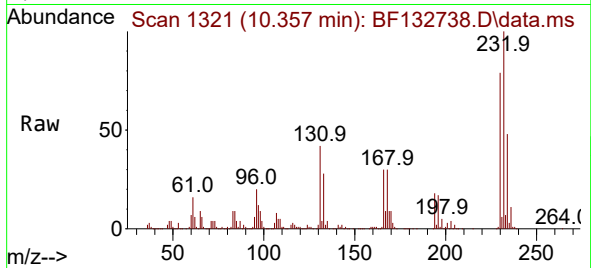
167 13.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.300 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

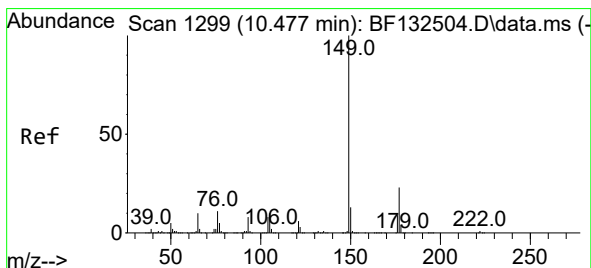
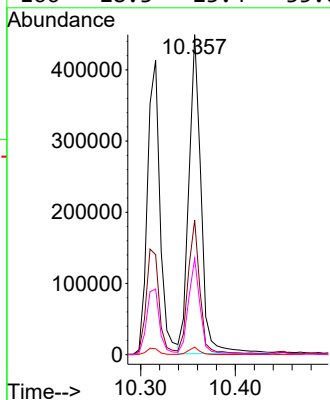
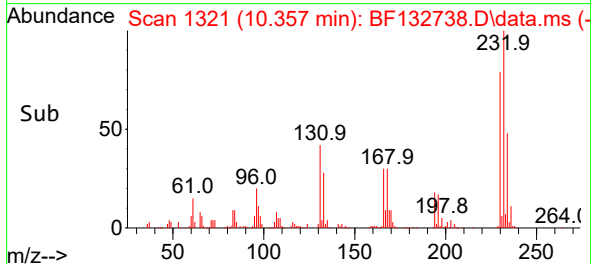
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



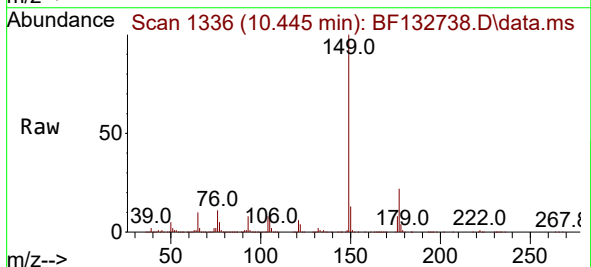
Tgt Ion:232 Resp: 400050
Ion Ratio Lower Upper
232 100
131 40.6 33.8 50.8
130 2.1 1.7 2.5
166 28.3 23.4 35.0

Manual Integrations
APPROVED

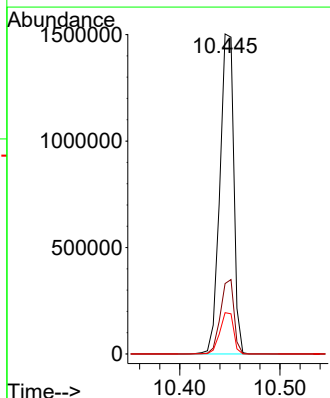
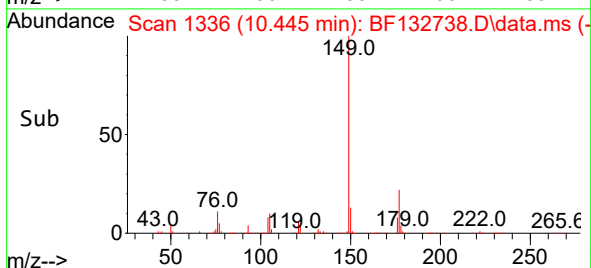
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

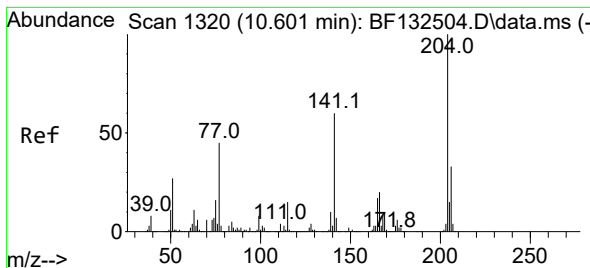


#60
Diethylphthalate
Concen: 44.070 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



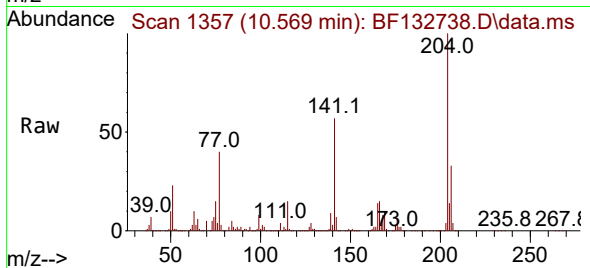
Tgt Ion:149 Resp: 1439672
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.355 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

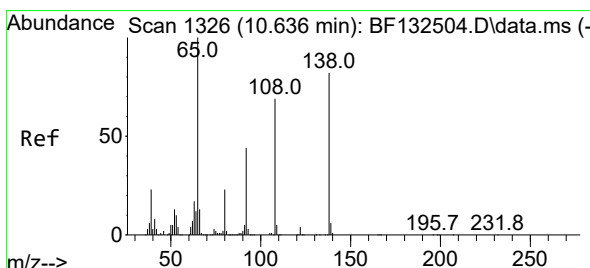
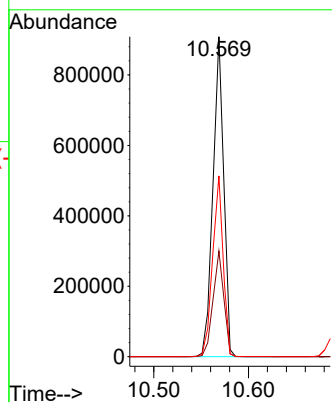
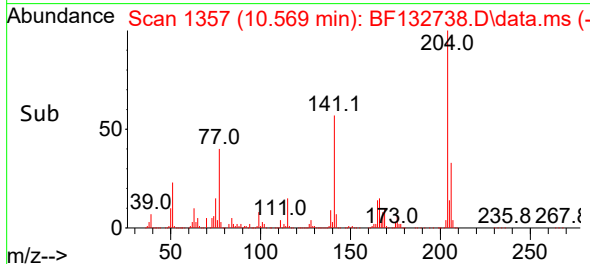
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



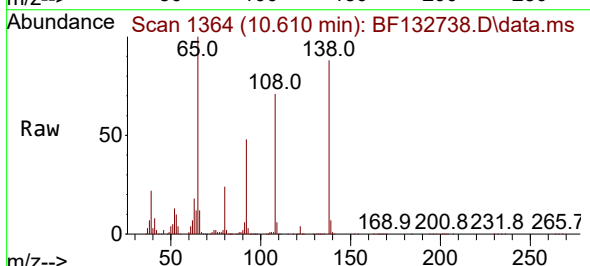
Tgt Ion:204 Resp: 71484
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 56.5 47.8 71.8

Manual Integrations
APPROVED

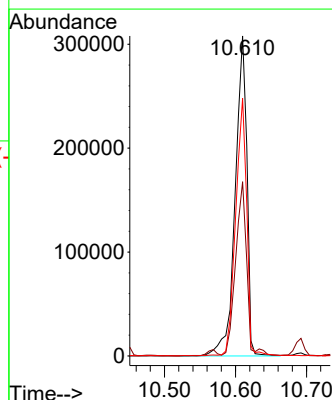
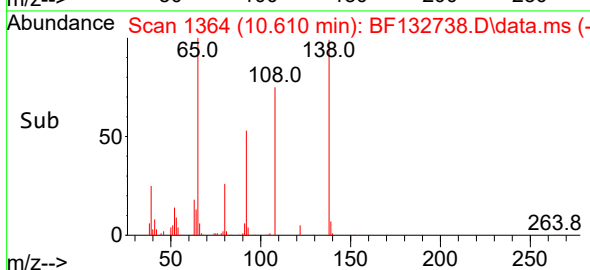
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

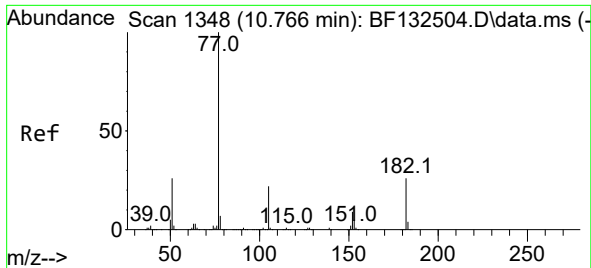


#62
4-Nitroaniline
Concen: 42.277 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



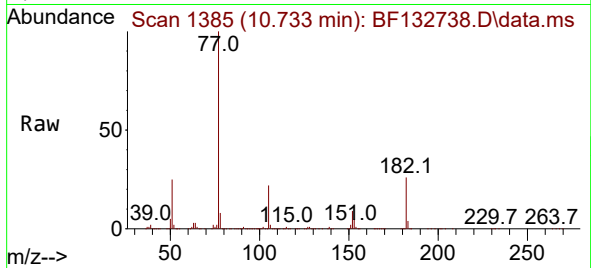
Tgt Ion:138 Resp: 353631
Ion Ratio Lower Upper
138 100
92 54.4 33.8 73.8
108 80.5 63.7 103.7





#63
Azobenzene
Concen: 41.986 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

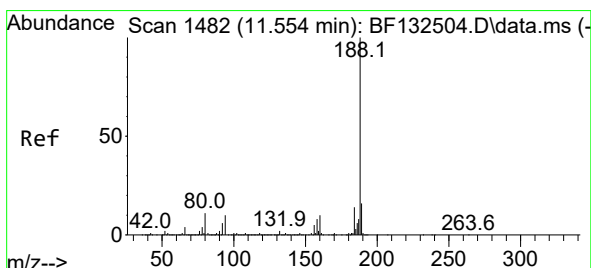
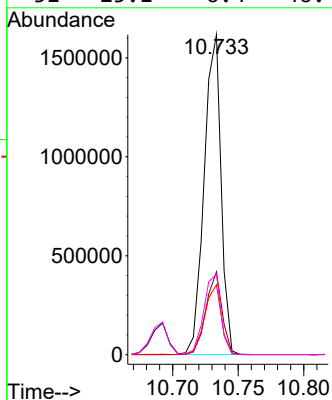
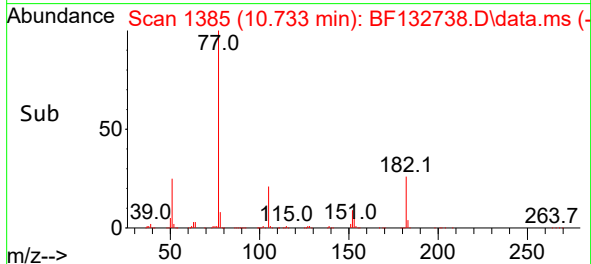
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



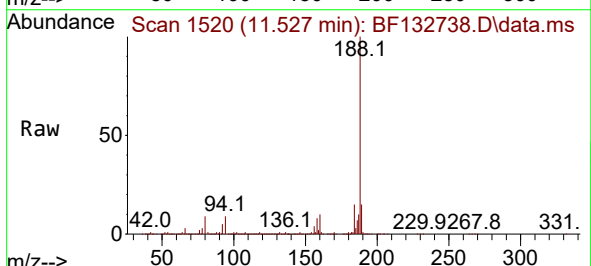
Tgt Ion: 77 Resp: 1452604
Ion Ratio Lower Upper
77 100
182 25.9 5.5 45.5
105 21.9 1.8 41.8
51 25.1 6.4 46.4

Manual Integrations
APPROVED

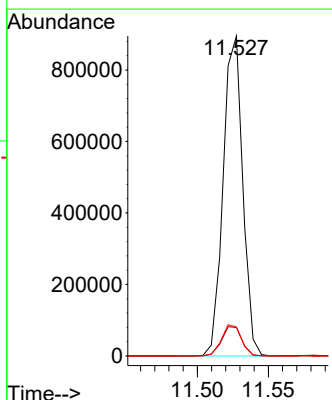
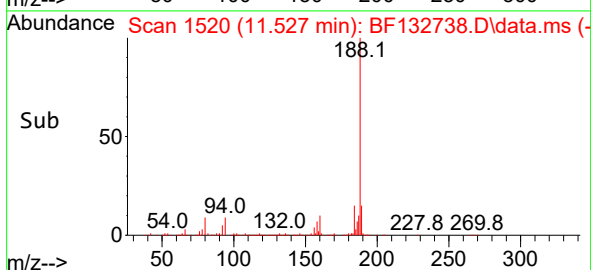
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

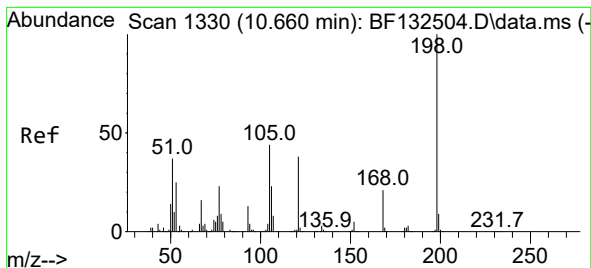


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



Tgt Ion:188 Resp: 855892
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.0 8.7 13.1





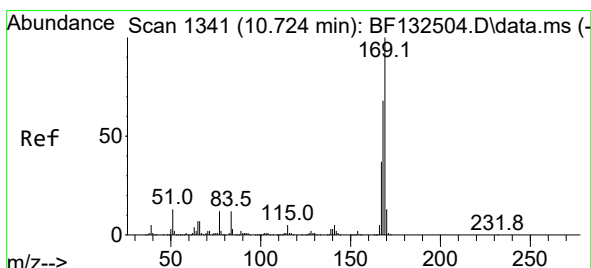
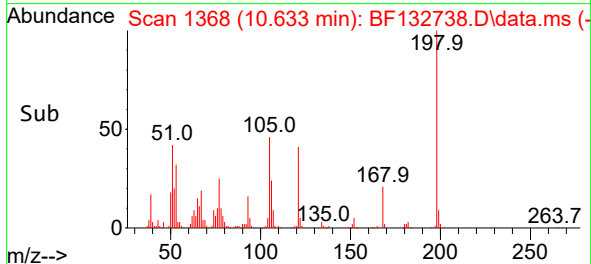
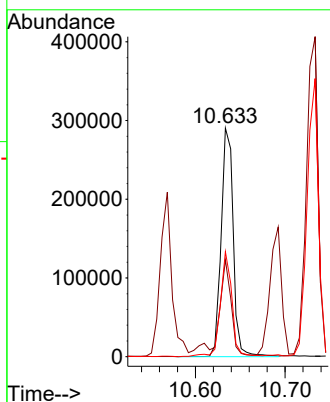
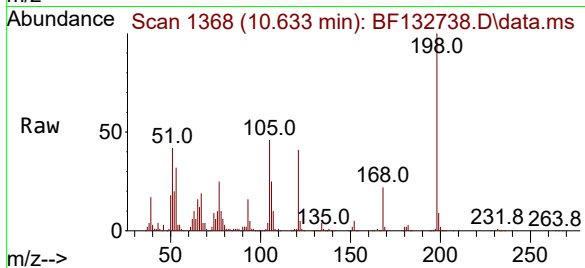
#65
4,6-Dinitro-2-methylphenol
Concen: 47.012 ng
RT: 10.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB151334BSD

Tgt Ion:198 Resp: 272384
Ion Ratio Lower Upper
198 100
51 42.3 20.6 60.6
105 45.9 24.3 64.3

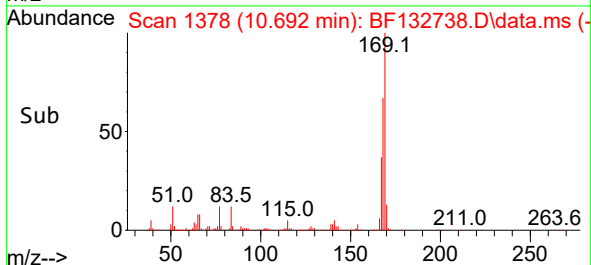
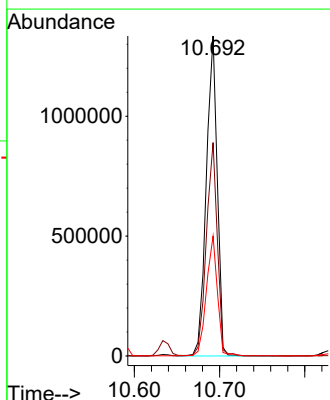
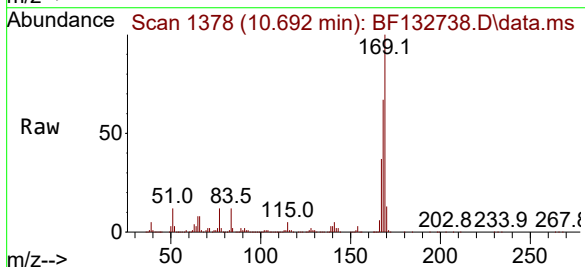
Manual Integrations
APPROVED

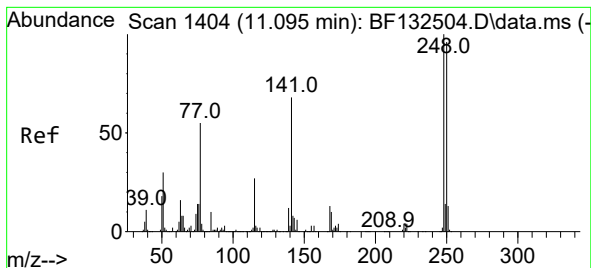
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#66
n-Nitrosodiphenylamine
Concen: 44.530 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

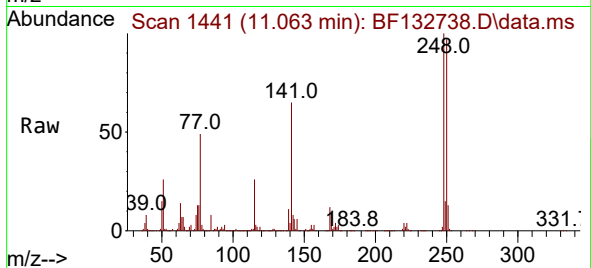
Tgt Ion:169 Resp: 1188207
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 37.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.553 ng
RT: 11.063 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

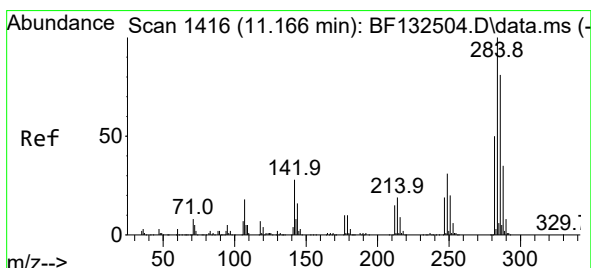
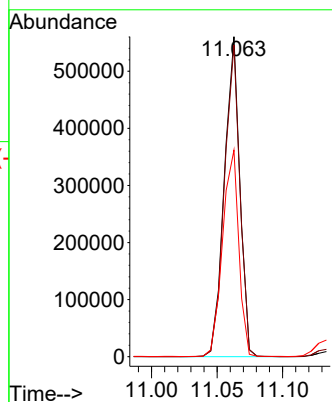
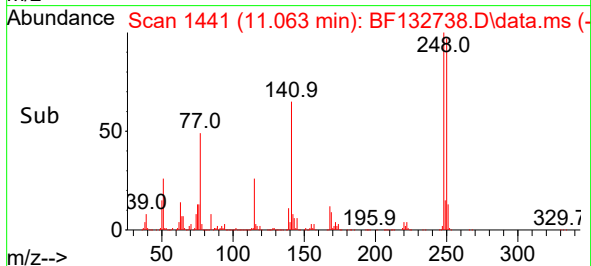
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



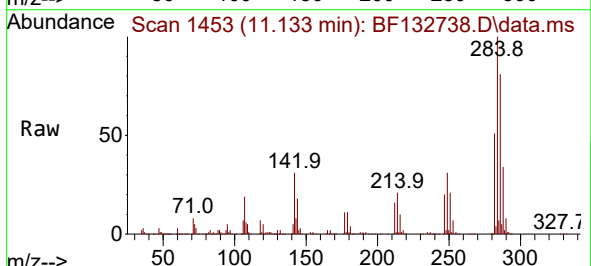
Tgt Ion:248 Resp: 460384
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 64.5 54.2 81.2

Manual Integrations
APPROVED

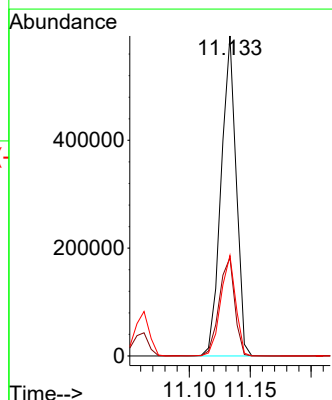
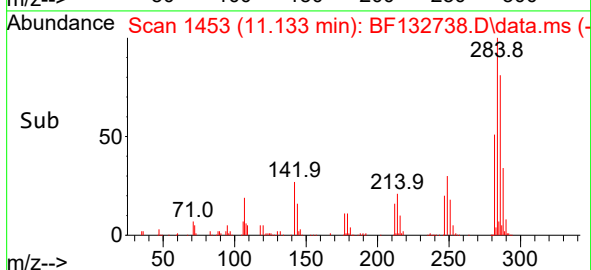
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

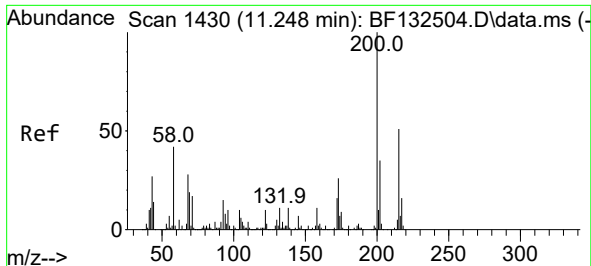


#68
Hexachlorobenzene
Concen: 50.260 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19



Tgt Ion:284 Resp: 512007
Ion Ratio Lower Upper
284 100
142 30.7 22.2 33.4
249 31.4 24.9 37.3





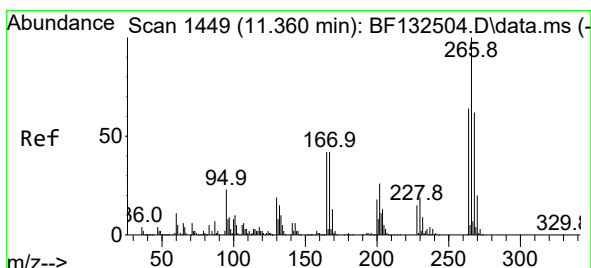
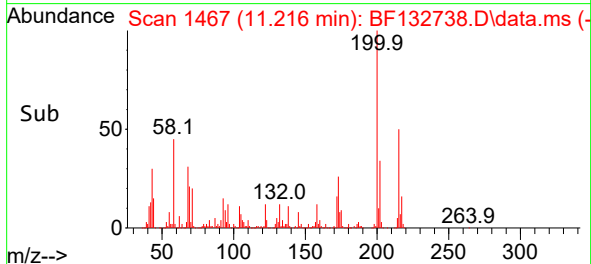
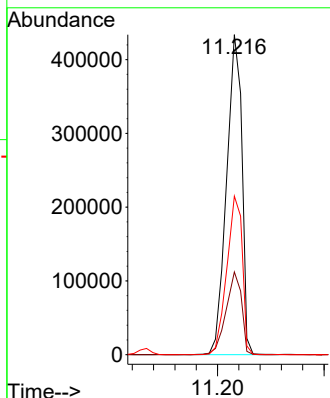
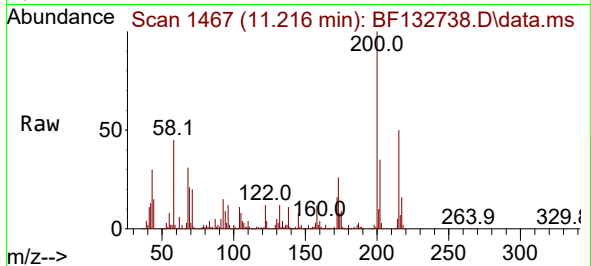
#69
Atrazine
Concen: 51.836 ng
RT: 11.216 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB151334BSD

Tgt Ion:200 Resp: 431804
Ion Ratio Lower Upper
200 100
173 25.8 6.4 46.4
215 49.5 31.0 71.0

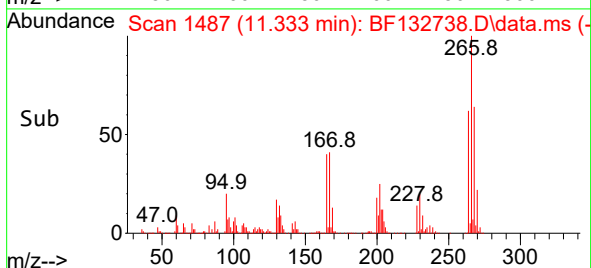
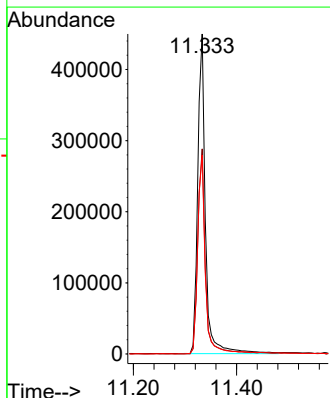
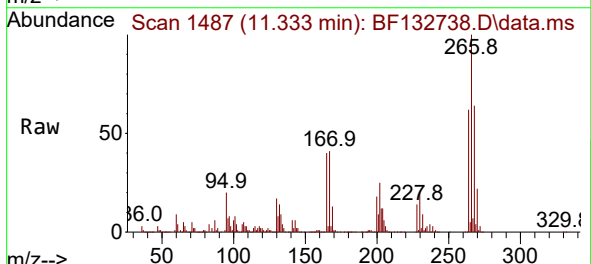
Manual Integrations
APPROVED

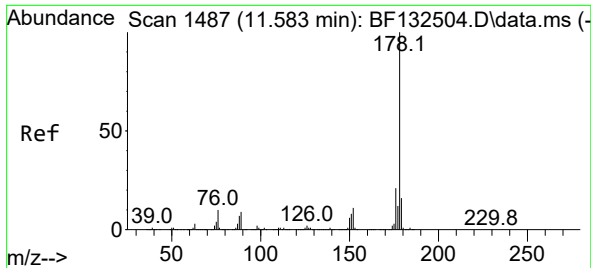
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#70
Pentachlorophenol
Concen: 76.862 ng
RT: 11.333 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:266 Resp: 465863
Ion Ratio Lower Upper
266 100
268 64.1 49.8 74.6
264 62.2 50.9 76.3





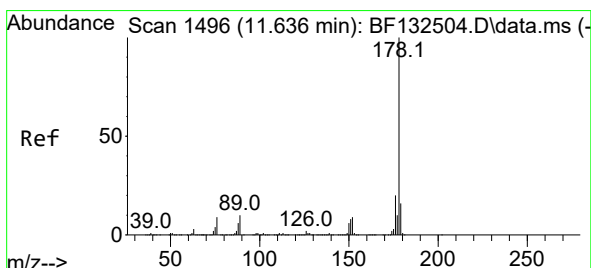
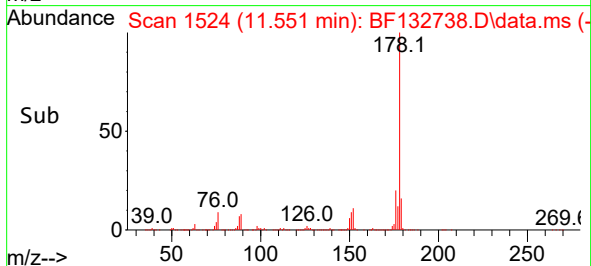
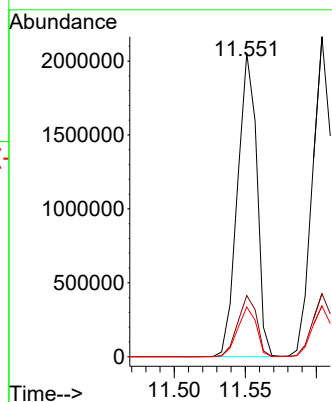
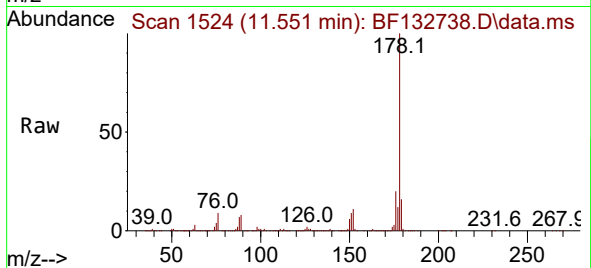
#71
Phenanthrene
Concen: 43.791 ng
RT: 11.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB151334BSD

Tgt Ion:178 Resp: 194164
Ion Ratio Lower Upper
178 100
176 20.2 16.5 24.7
179 16.4 13.0 19.6

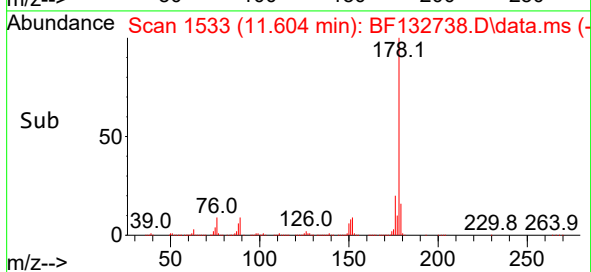
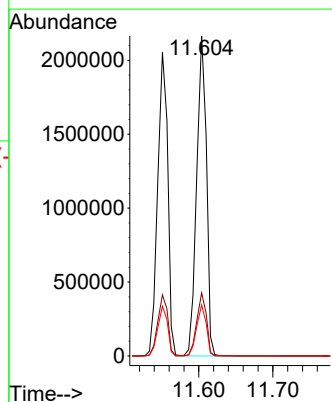
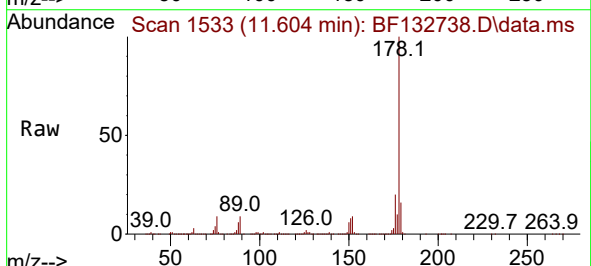
Manual Integrations
APPROVED

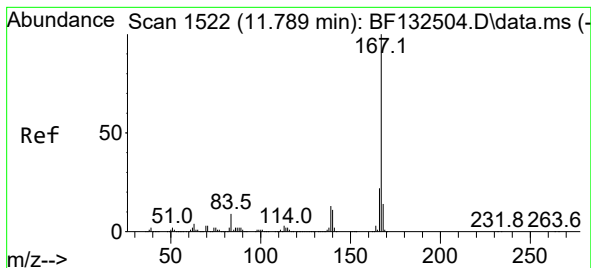
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#72
Anthracene
Concen: 43.410 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:178 Resp: 1982086
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.9 12.5 18.7





#73

Carbazole

Concen: 43.371 ng

RT: 11.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion:167 Resp: 178545

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

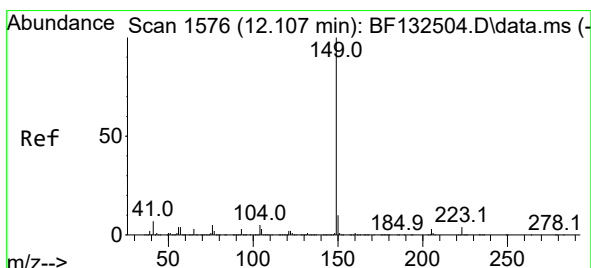
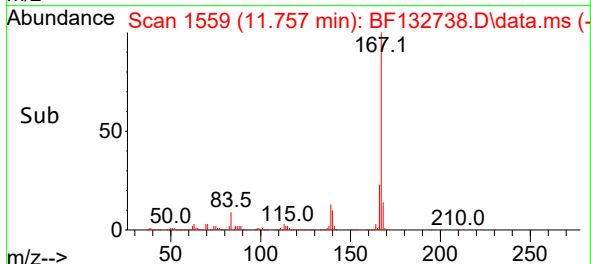
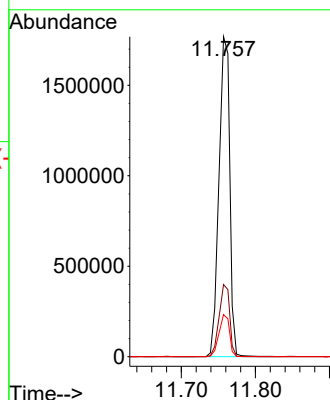
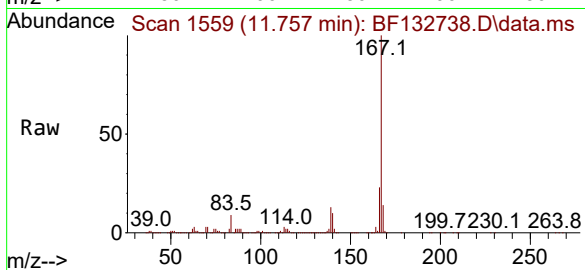
139 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#74

Di-n-butylphthalate

Concen: 45.908 ng

RT: 12.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

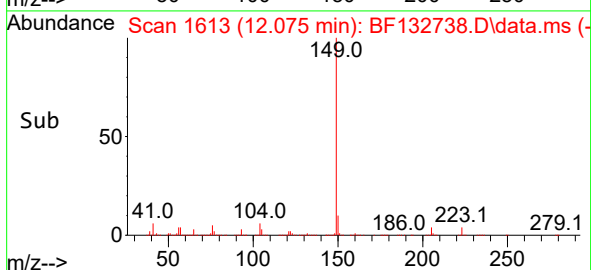
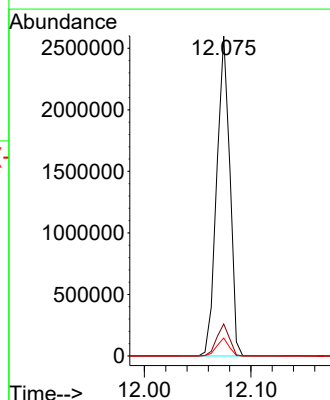
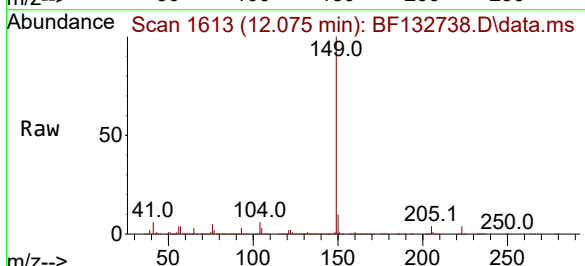
Tgt Ion:149 Resp: 2216865

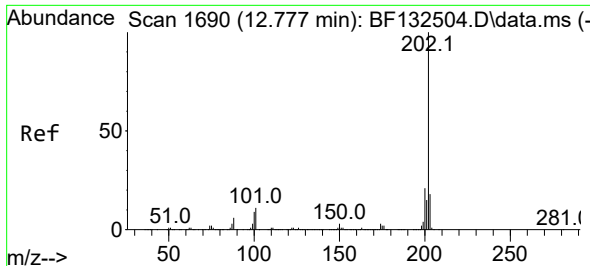
Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

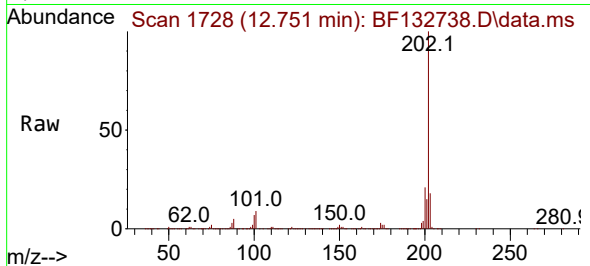
104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 42.813 ng
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

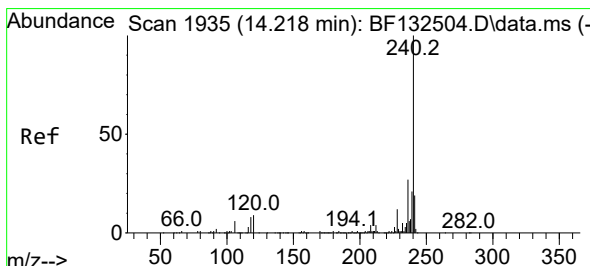
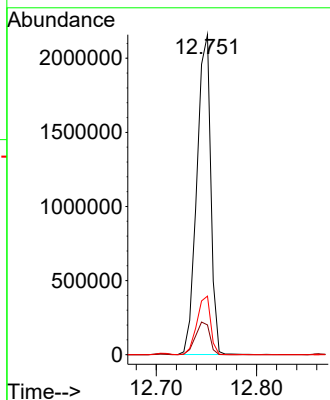
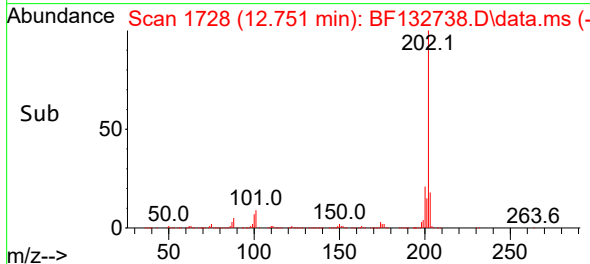
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:202 Resp: 2075254
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 18.3 0.0 38.0

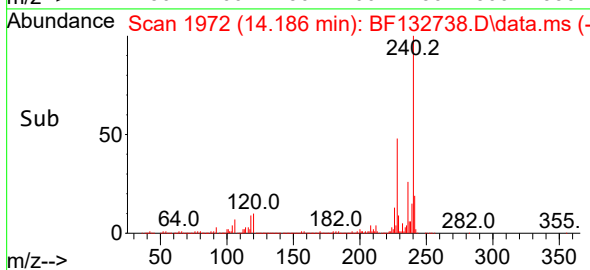
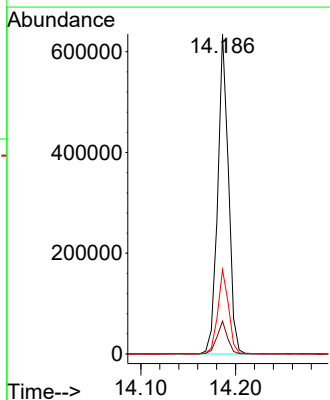
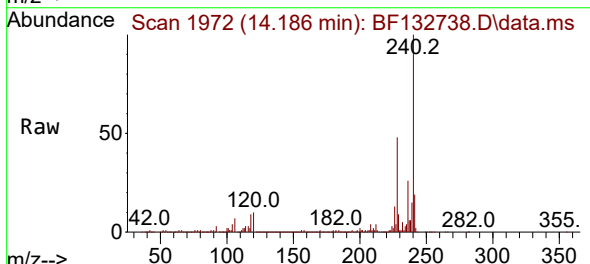
Manual Integrations
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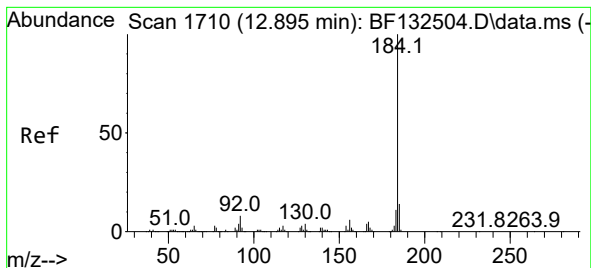
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:240 Resp: 500096
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.4 21.8 32.6





#77

Benzidine

Concen: 61.595 ng

RT: 12.863 min Scan# 1747

Delta R.T. -0.006 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion:184 Resp: 74984

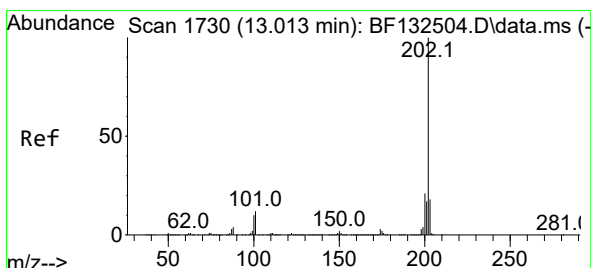
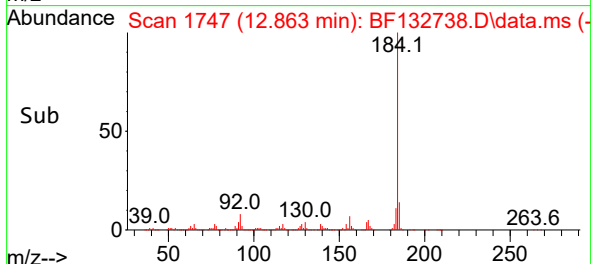
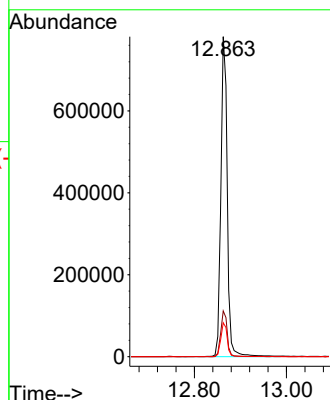
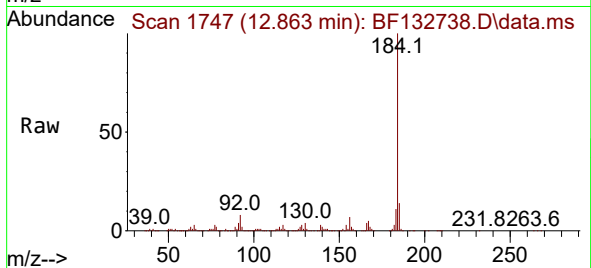
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.7	17.5
183	10.6	8.7	13.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#78

Pyrene

Concen: 46.819 ng

RT: 12.980 min Scan# 1767

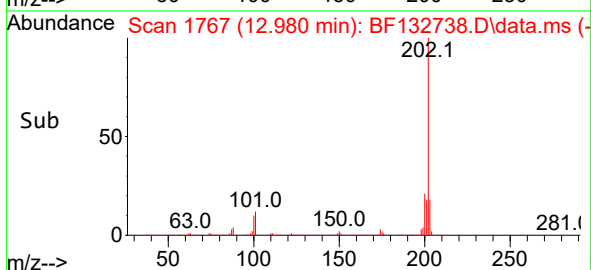
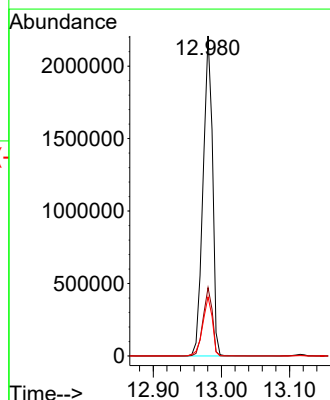
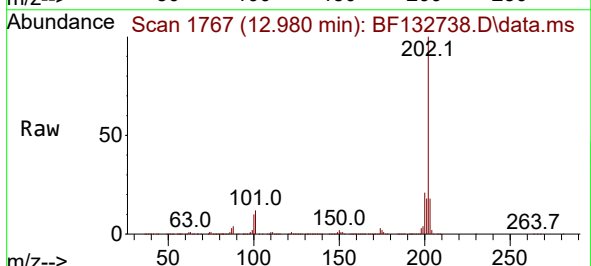
Delta R.T. 0.000 min

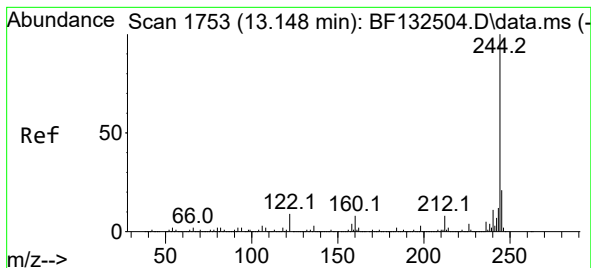
Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Tgt Ion:202 Resp: 2128762

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.5	14.6	21.8





#79

Terphenyl-d14

Concen: 97.855 ng

RT: 13.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion:244 Resp: 289438

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

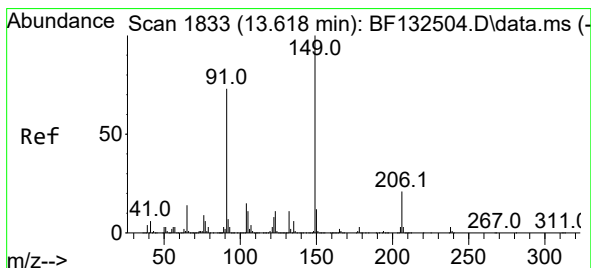
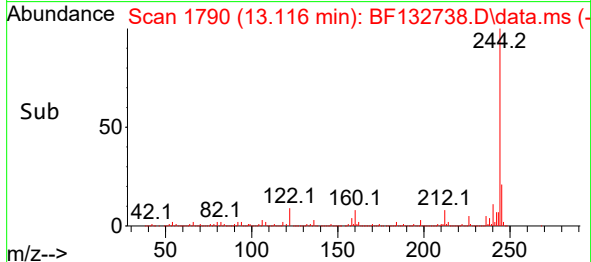
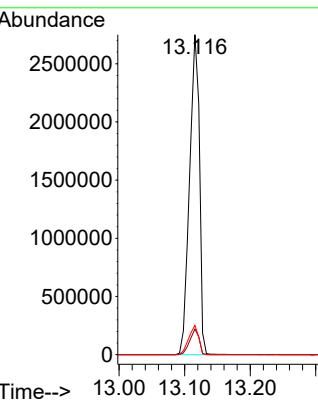
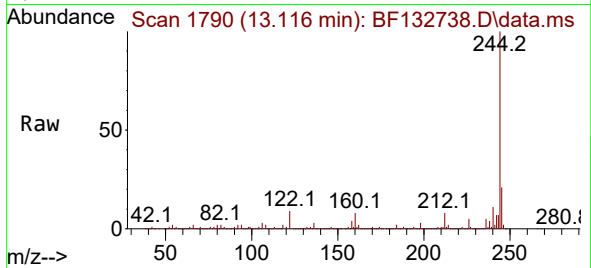
122 9.2 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#80

Butylbenzylphthalate

Concen: 49.607 ng

RT: 13.586 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

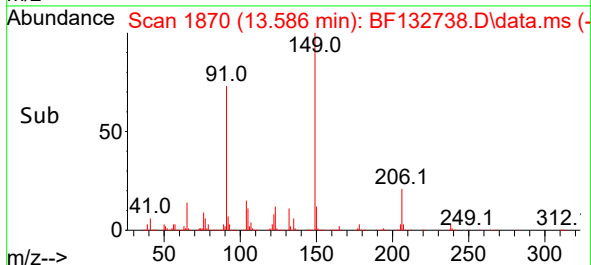
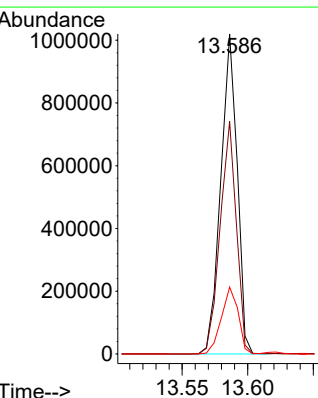
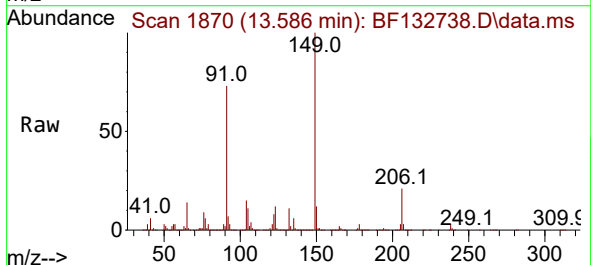
Tgt Ion:149 Resp: 890062

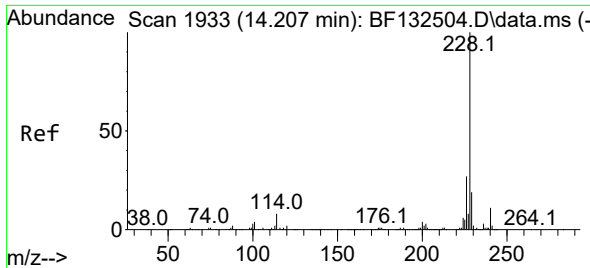
Ion Ratio Lower Upper

149 100

91 72.7 58.4 87.6

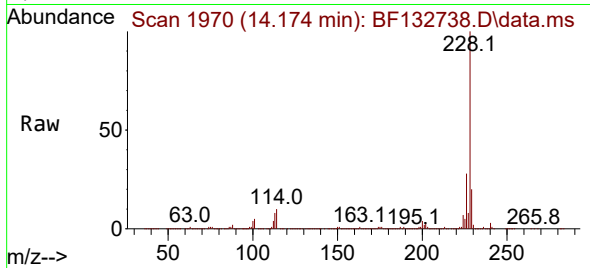
206 20.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.200 ng
RT: 14.174 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

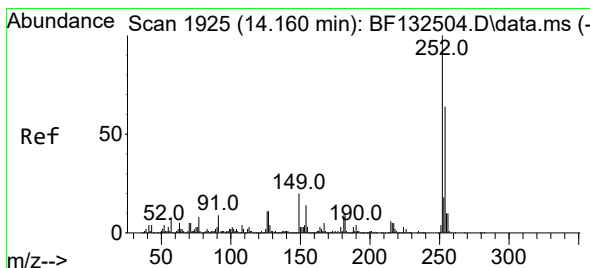
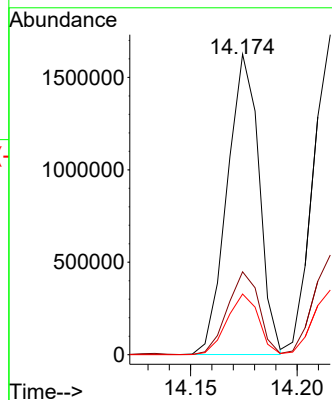
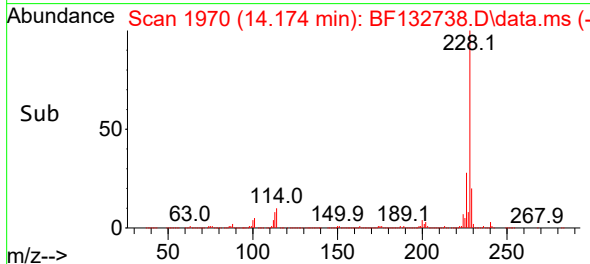
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:228 Resp: 1691328
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.2 15.4 23.2

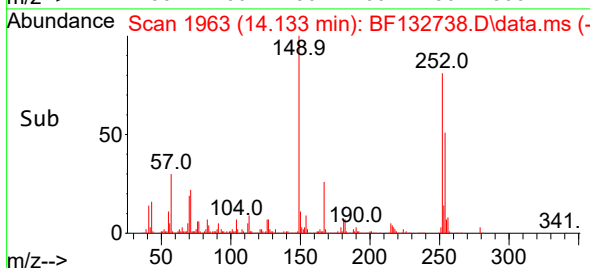
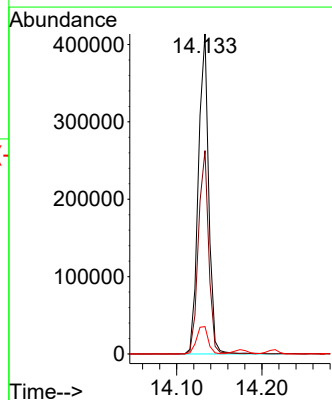
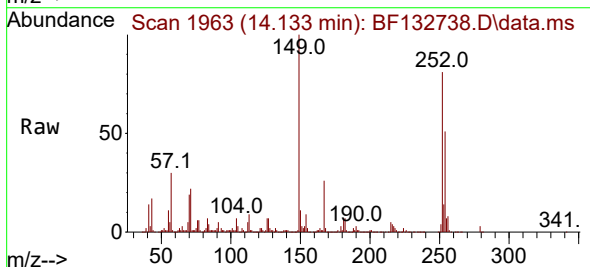
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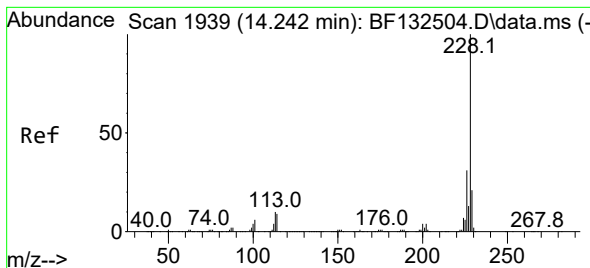
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 31.631 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:252 Resp: 348947
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 8.6 8.9 13.3#





#83

Chrysene

Concen: 44.433 ng

RT: 14.216 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion:228 Resp: 155475

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

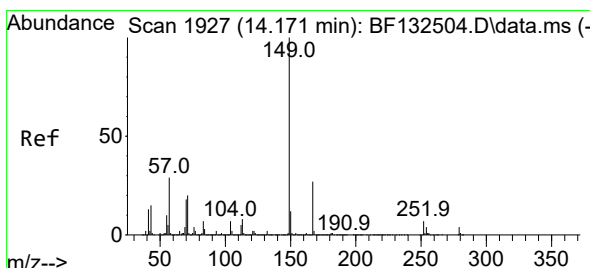
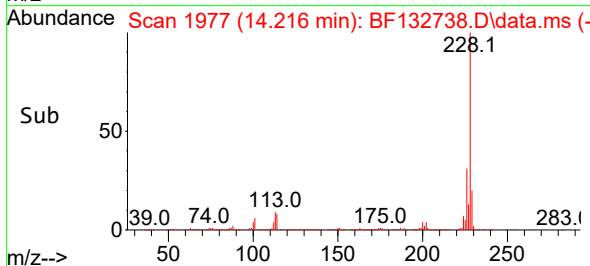
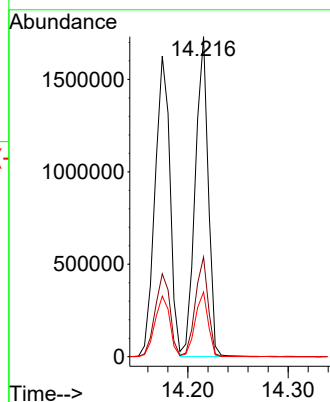
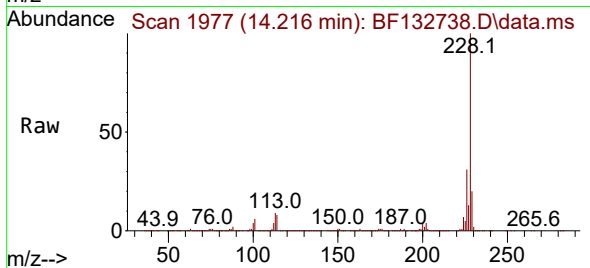
229 20.2 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.489 ng

RT: 14.139 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

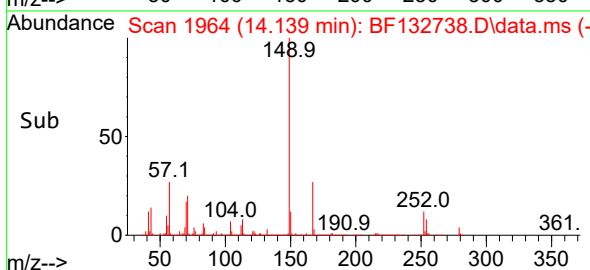
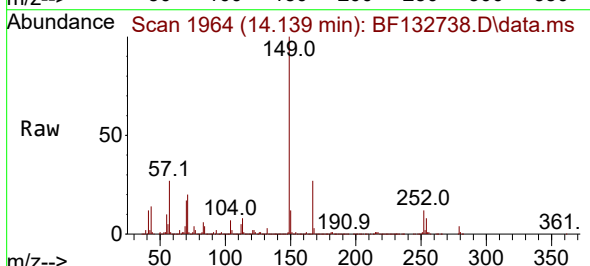
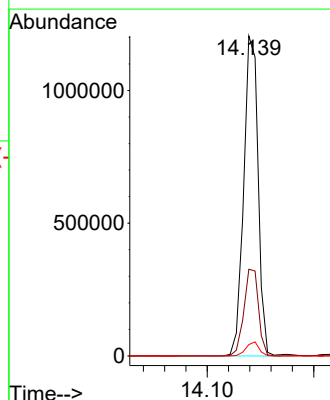
Tgt Ion:149 Resp: 1134891

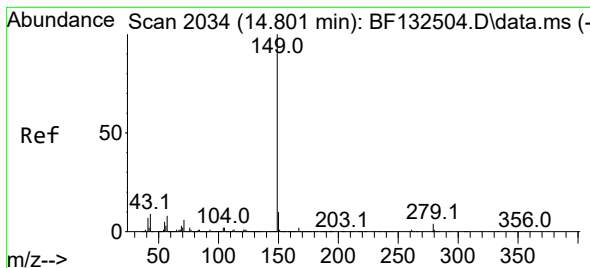
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 53.697 ng

RT: 14.768 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF132738.D

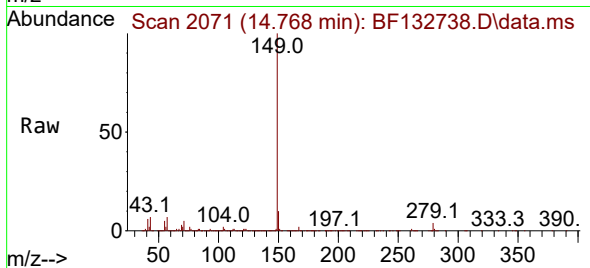
Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD



Tgt Ion:149 Resp: 1729520

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

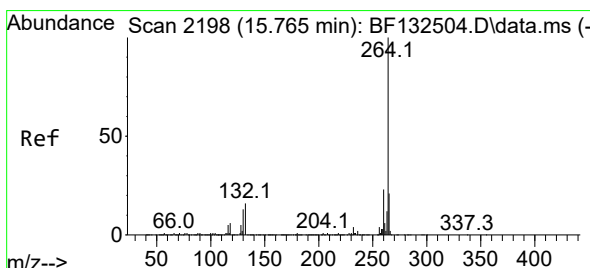
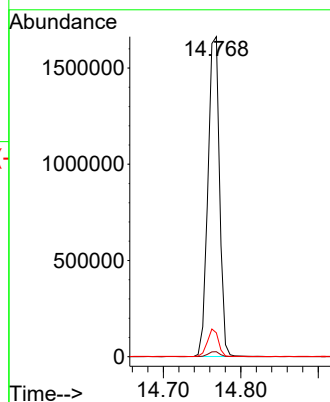
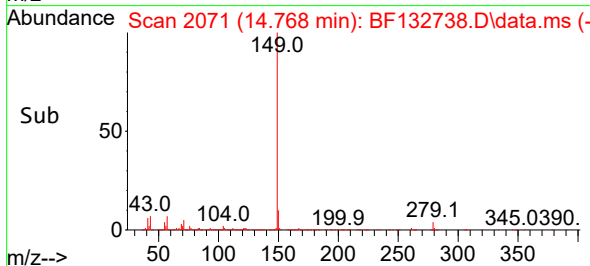
43 8.1 7.2 10.8

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: BF132738.D

Acq: 10 Mar 2023 13:19

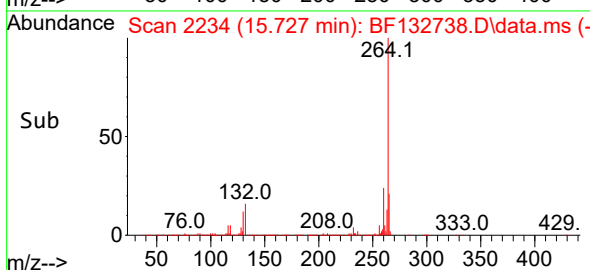
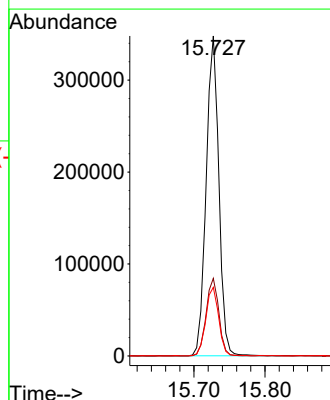
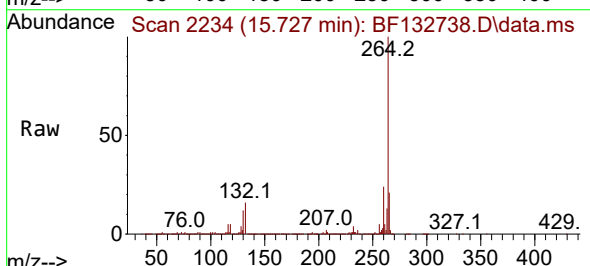
Tgt Ion:264 Resp: 431990

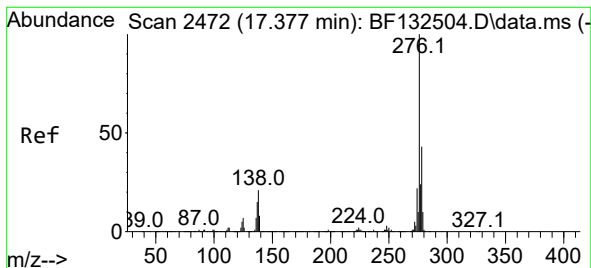
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.460 ng

RT: 17.321 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion:276 Resp: 1456618

Ion Ratio Lower Upper

276 100

138 22.5 19.0 28.4

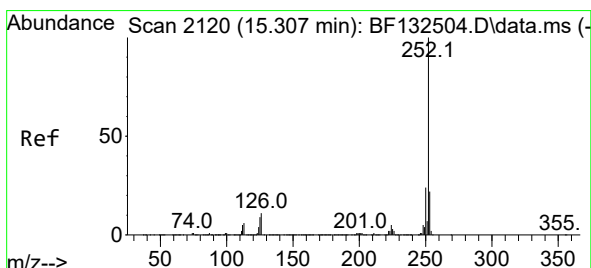
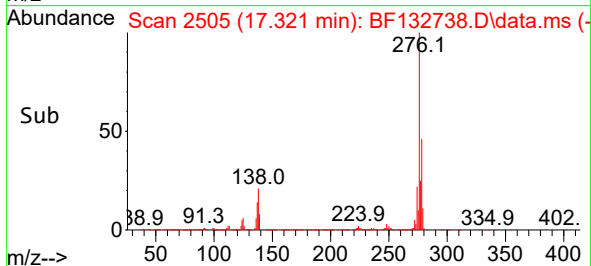
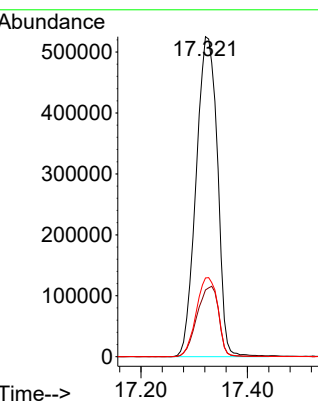
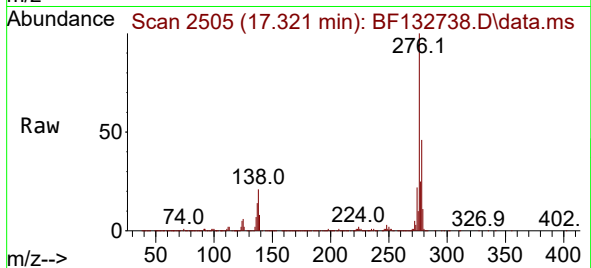
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#88

Benzo(b)fluoranthene

Concen: 51.627 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

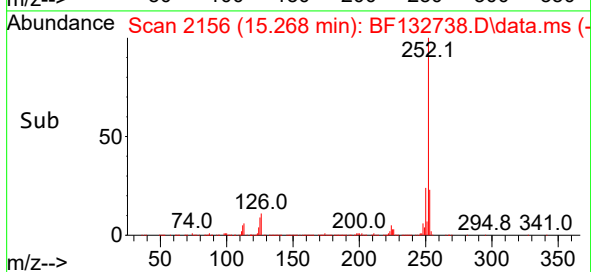
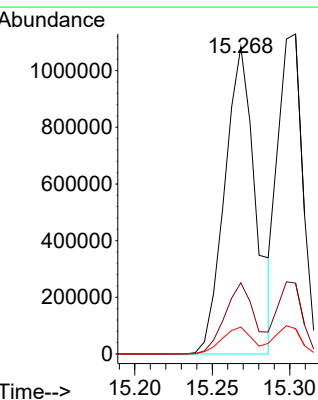
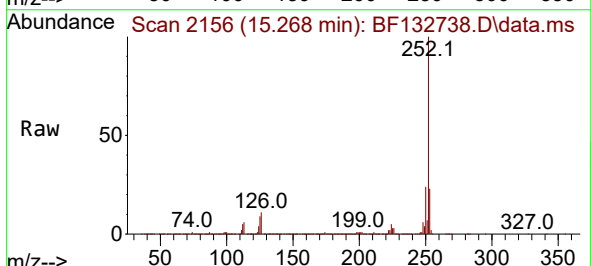
Tgt Ion:252 Resp: 1494602

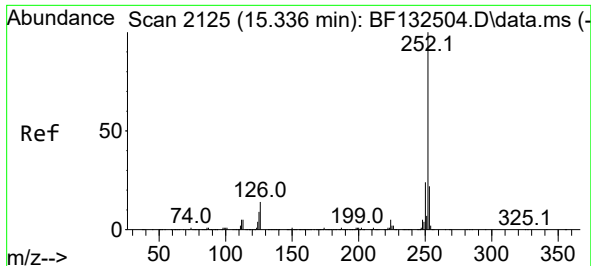
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.622 ng

RT: 15.304 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB151334BSD

Tgt Ion:252 Resp: 1264269

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

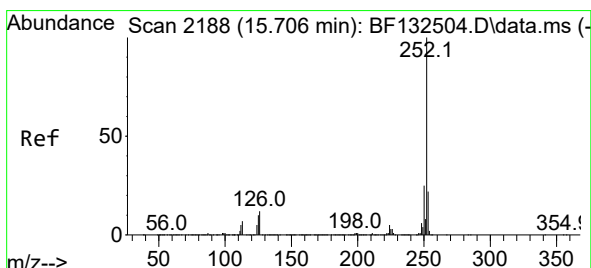
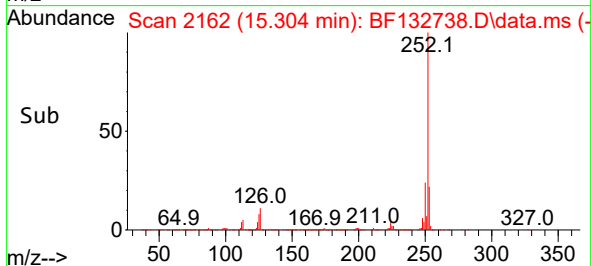
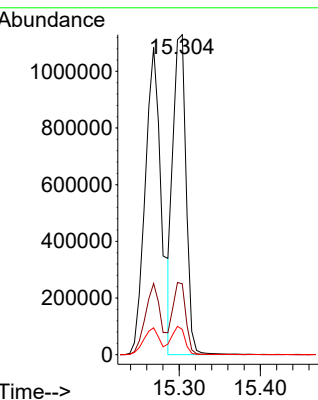
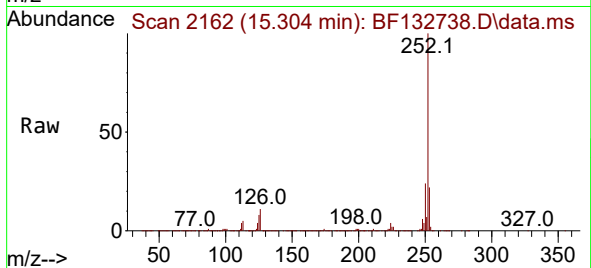
125 7.9 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#90

Benzo(a)pyrene

Concen: 44.720 ng

RT: 15.663 min Scan# 2223

Delta R.T. 0.000 min

Lab File: BF132738.D

Acq: 10 Mar 2023 13:19

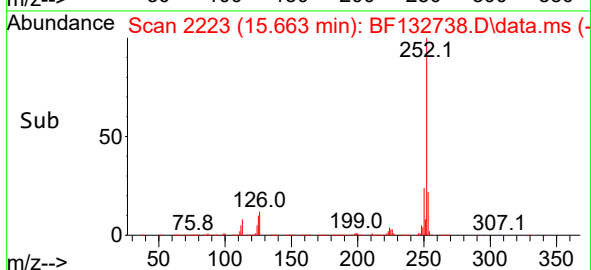
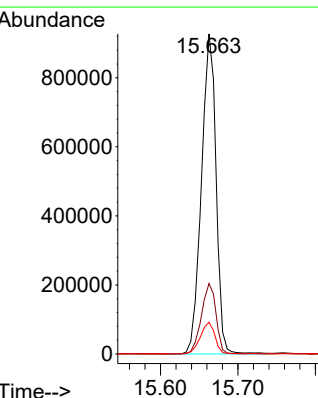
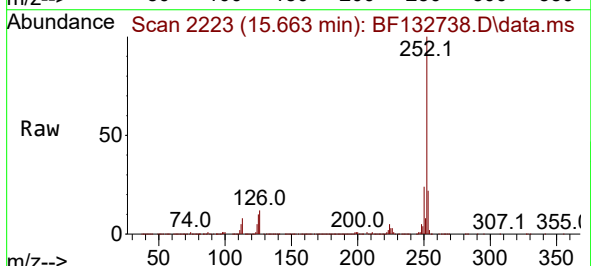
Tgt Ion:252 Resp: 1211669

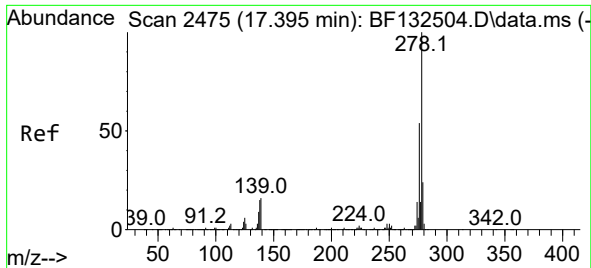
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

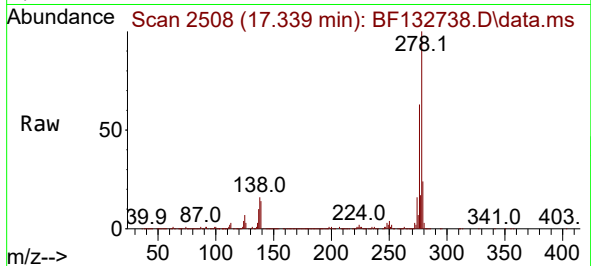
125 9.9 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 51.631 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

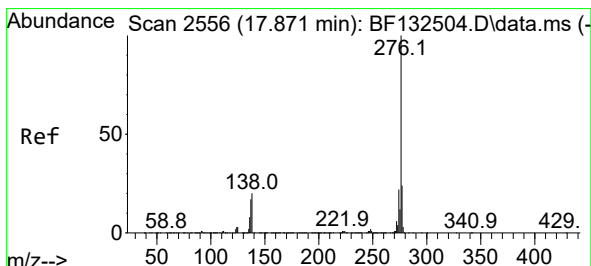
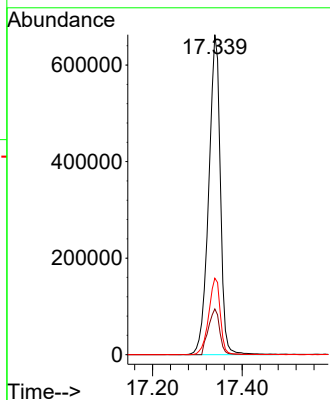
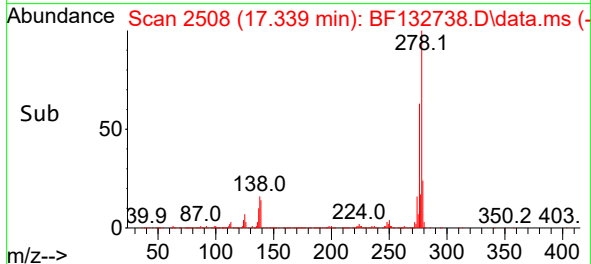
Instrument :
BNA_F
ClientSampleId :
PB151334BSD



Tgt Ion:278 Resp: 1190750
Ion Ratio Lower Upper
278 100
139 14.3 13.0 19.4
279 23.9 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: 47.122 ng
RT: 17.809 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF132738.D
Acq: 10 Mar 2023 13:19

Tgt Ion:276 Resp: 1227360
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 19.6 16.2 24.4

