

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132744.D
 Acq On : 10 Mar 2023 16:35
 Operator : CG\JU
 Sample : 01853-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2MS

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 17:51:49 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	222088	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	827398	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	442861	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	874798	20.000	ng	0.00
76) Chrysene-d12	14.186	240	429137	20.000	ng	0.00
86) Perylene-d12	15.727	264	492554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1404364	102.628	ng	0.01
7) Phenol-d6	6.616	99	1876683	105.084	ng	0.00
23) Nitrobenzene-d5	7.551	82	1267713	72.693	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	485368	101.484	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1999350	68.742	ng	0.00
79) Terphenyl-d14	13.116	244	1935470	76.255	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	321106	42.422	ng	95
3) Pyridine	3.675	79	789490	39.293	ng	95
4) n-Nitrosodimethylamine	3.646	42	316645	41.722	ng	87
6) Aniline	6.645	93	801786	33.361	ng	96
8) 2-Chlorophenol	6.769	128	688551	48.482	ng	97
9) Benzaldehyde	6.534	77	326955	33.928	ng	94
10) Phenol	6.634	94	891206	43.527	ng	97
11) bis(2-Chloroethyl)ether	6.710	93	731877	46.303	ng	96
12) 1,3-Dichlorobenzene	6.922	146	717844	47.100	ng	98
13) 1,4-Dichlorobenzene	6.998	146	719582	47.284	ng	99
14) 1,2-Dichlorobenzene	7.151	146	686783	47.023	ng	99
15) Benzyl Alcohol	7.128	79	645494	46.931	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	871241	43.225	ng	93
17) 2-Methylphenol	7.234	107	561975	42.398	ng	99
18) Hexachloroethane	7.492	117	285626	48.041	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	454348	41.338	ng	92
20) 3+4-Methylphenols	7.387	107	637225	37.212	ng	93
22) Acetophenone	7.392	105	876269	42.000	ng	# 92
24) Nitrobenzene	7.569	77	775963	41.604	ng	98
25) Isophorone	7.804	82	1457564	43.594	ng	99
26) 2-Nitrophenol	7.881	139	378217	45.960	ng	99
27) 2,4-Dimethylphenol	7.916	122	581219	44.750	ng	100
28) bis(2-Chloroethoxy)met...	8.010	93	876276	44.801	ng	99
29) 2,4-Dichlorophenol	8.128	162	581675	45.022	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	645047	45.979	ng	99
31) Naphthalene	8.292	128	1808522	42.697	ng	100
32) Benzoic acid	8.051	122	365968m	36.736	ng	
33) 4-Chloroaniline	8.334	127	221139	12.183	ng	95
34) Hexachlorobutadiene	8.398	225	422453	47.388	ng	98
35) Caprolactam	8.728	113	198004m	46.487	ng	
36) 4-Chloro-3-methylphenol	8.828	107	627726	44.241	ng	96
37) 2-Methylnaphthalene	8.981	142	1227024	42.507	ng	100
38) 1-Methylnaphthalene	9.081	142	1129616	41.874	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	668565	46.142	ng	100
41) Hexachlorocyclopentadiene	9.133	237	683096	86.920	ng	98
43) 2,4,6-Trichlorophenol	9.263	196	450166	45.845	ng	99

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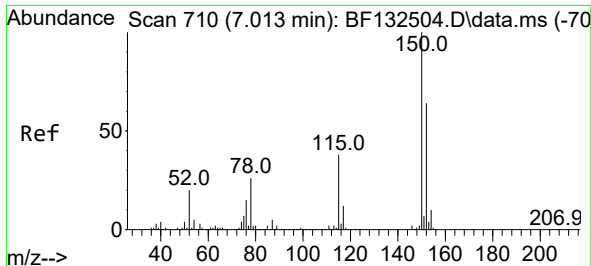
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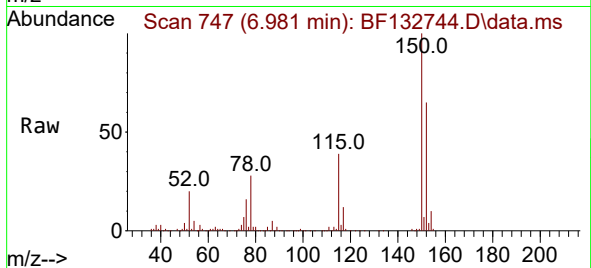
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	471672	41.156	ng	99
46) 1,1'-Biphenyl	9.445	154	1490851	44.477	ng	98
47) 2-Chloronaphthalene	9.475	162	1203918	45.301	ng	100
48) 2-Nitroaniline	9.575	65	396422	40.501	ng	90
49) Acenaphthylene	9.892	152	1806176	42.704	ng	99
50) Dimethylphthalate	9.745	163	1454059	45.093	ng	100
51) 2,6-Dinitrotoluene	9.816	165	326220	44.422	ng	90
52) Acenaphthene	10.063	154	1245663m	46.381	ng	
53) 3-Nitroaniline	9.986	138	195096	23.749	ng	97
54) 2,4-Dinitrophenol	10.098	184	312361	67.786	ng	92
55) Dibenzofuran	10.239	168	1630943	41.655	ng	98
56) 4-Nitrophenol	10.157	139	416161	67.930	ng	96
57) 2,4-Dinitrotoluene	10.222	165	424196	43.419	ng	100
58) Fluorene	10.586	166	1311370	43.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	378770	44.491	ng	99
60) Diethylphthalate	10.445	149	1395377	44.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	693987	44.668	ng	98
62) 4-Nitroaniline	10.610	138	321149	39.826	ng	94
63) Azobenzene	10.733	77	1585224	47.529	ng	97
65) 4,6-Dinitro-2-methylph...	10.633	198	235358	39.743	ng	98
66) n-Nitrosodiphenylamine	10.692	169	1164416	42.696	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	456593	46.142	ng	98
68) Hexachlorobenzene	11.133	284	512566	49.227	ng	97
69) Atrazine	11.216	200	423175	49.702	ng	99
70) Pentachlorophenol	11.333	266	438335	70.758	ng	99
71) Phenanthrene	11.551	178	1914309	42.241	ng	99
72) Anthracene	11.604	178	1949409	41.772	ng	99
73) Carbazole	11.757	167	1669208	39.671	ng	100
74) Di-n-butylphthalate	12.074	149	2096455	42.476	ng	100
75) Fluoranthene	12.745	202	1760380	35.533	ng	99
77) Benzidine	12.863	184	549775	52.628	ng	100
78) Pyrene	12.980	202	1751319	44.887	ng	100
80) Butylbenzylphthalate	13.586	149	736956	47.865	ng	99
81) Benzo(a)anthracene	14.174	228	1398525	43.555	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	238397	25.184	ng	98
83) Chrysene	14.210	228	1310049	43.631	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	960148	50.764	ng	100
85) Di-n-octyl phthalate	14.763	149	1570582	56.825	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1661007	51.465	ng	99
88) Benzo(b)fluoranthene	15.268	252	1373253	41.603	ng	99
89) Benzo(k)fluoranthene	15.298	252	1368715	42.368	ng	98
90) Benzo(a)pyrene	15.662	252	1282802	41.524	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	1359530	51.701	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1389555	46.801	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

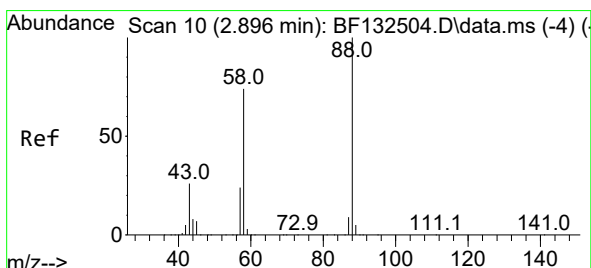
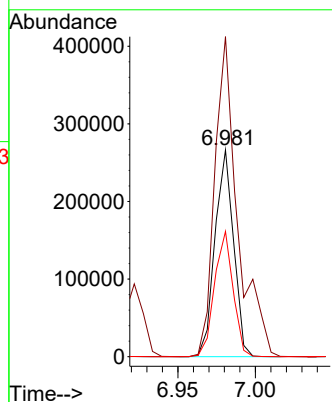
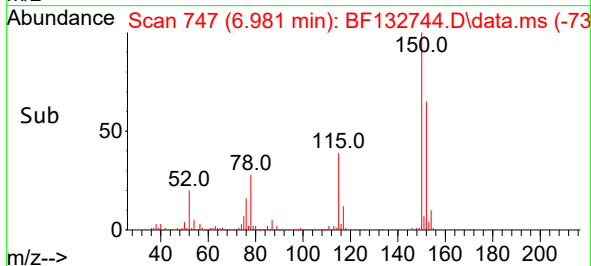
Instrument :
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20230163-COMPOSITE-2MS



Tgt Ion: 152 Resp: 222088
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.2
115 60.6 47.8 71.6

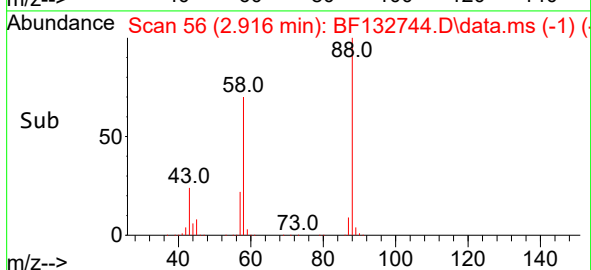
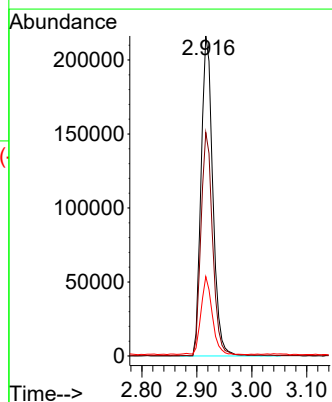
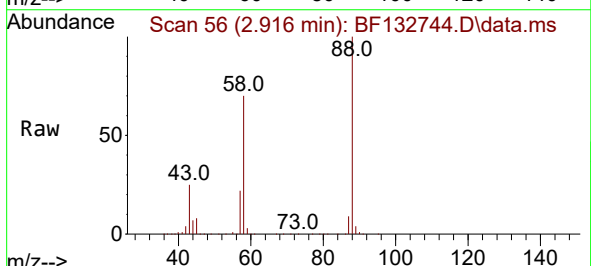
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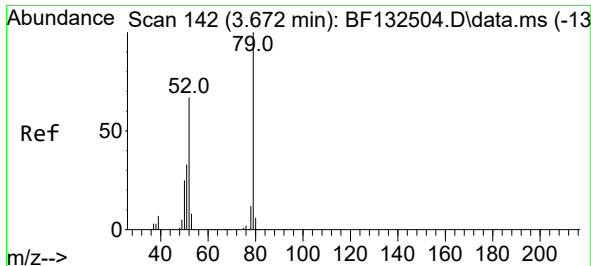
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#2
1,4-Dioxane
Concen: 42.422 ng
RT: 2.916 min Scan# 56
Delta R.T. 0.077 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

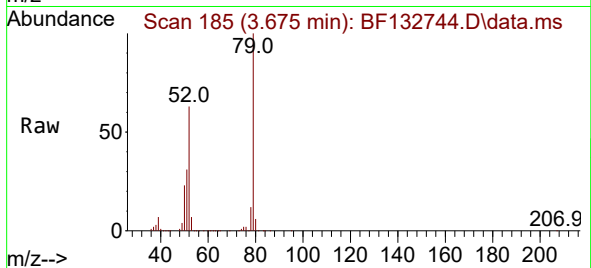
Tgt Ion: 88 Resp: 321106
Ion Ratio Lower Upper
88 100
58 69.1 58.3 87.5
43 23.4 20.7 31.1





#3
Pyridine
Concen: 39.293 ng
RT: 3.675 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

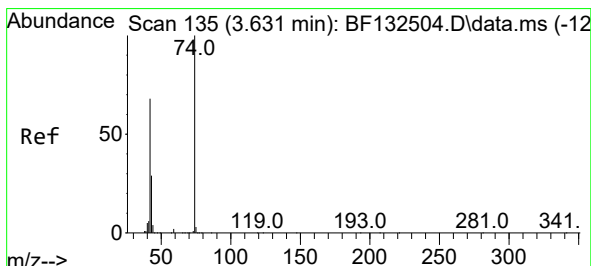
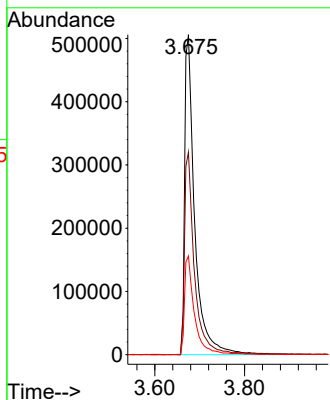
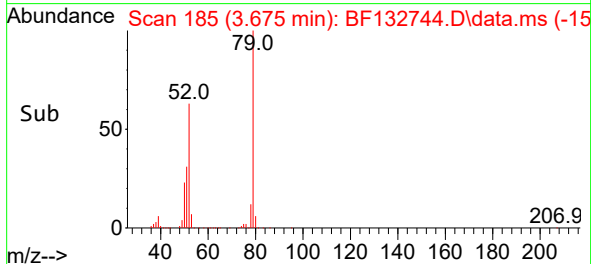
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Tgt Ion: 79 Resp: 789490
Ion Ratio Lower Upper
79 100
52 63.3 53.7 80.5
51 30.8 26.6 40.0

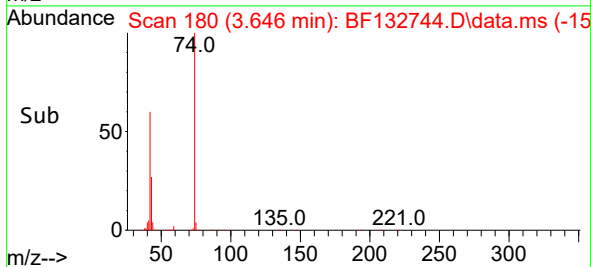
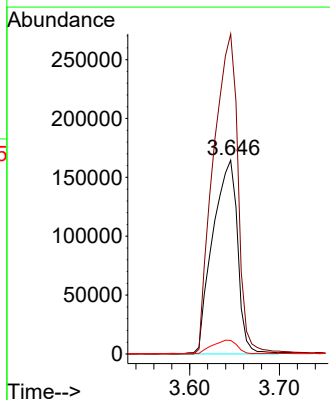
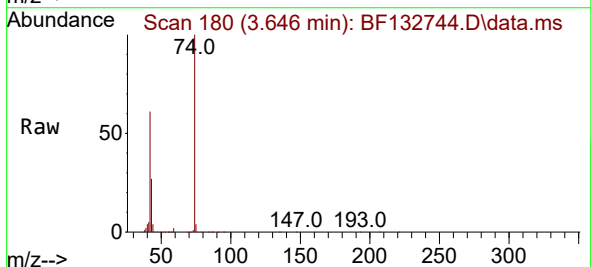
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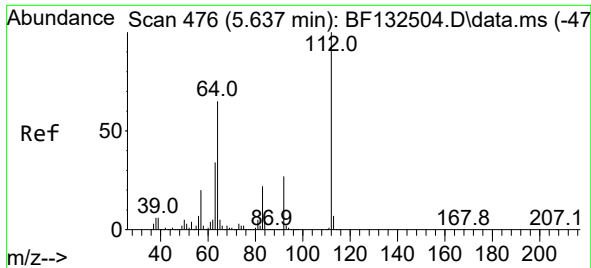
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#4
n-Nitrosodimethylamine
Concen: 41.722 ng
RT: 3.646 min Scan# 180
Delta R.T. 0.059 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion: 42 Resp: 316645
Ion Ratio Lower Upper
42 100
74 165.1 118.2 177.2
44 7.0 5.3 7.9





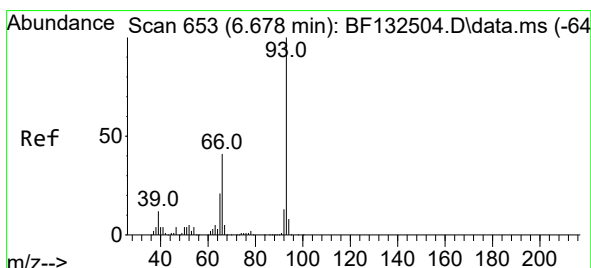
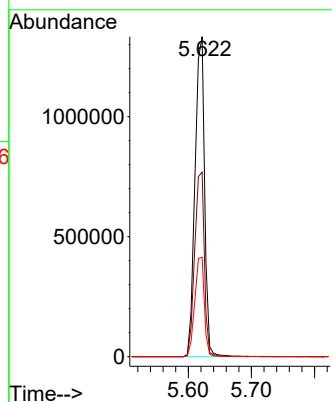
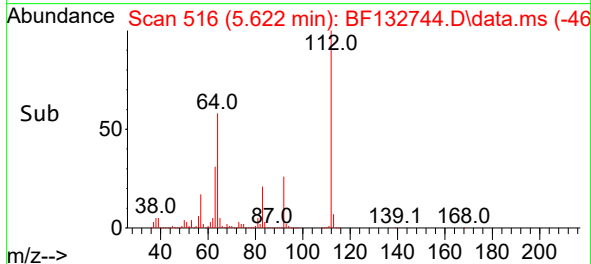
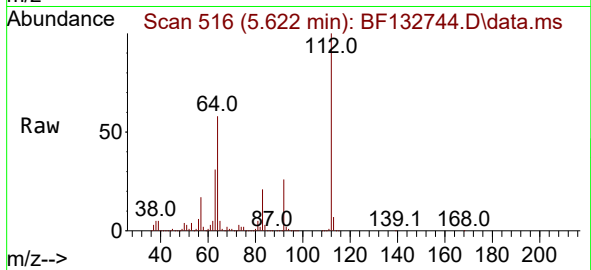
#5
2-Fluorophenol
Concen: 102.628 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

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Tgt Ion:112 Resp: 140436
Ion Ratio Lower Upper
112 100
64 57.7 51.6 77.4
63 31.1 27.4 41.2

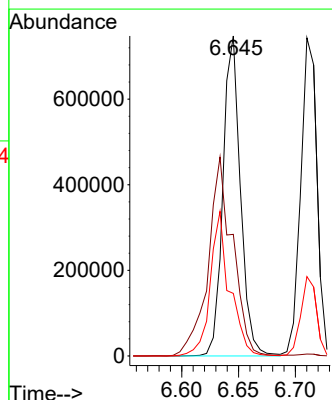
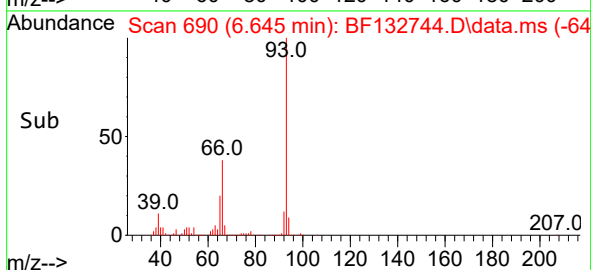
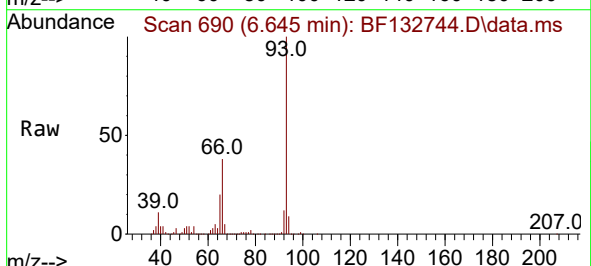
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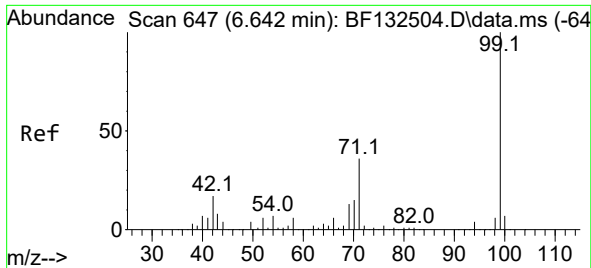
Reviewed By :Christian Giraldo 03/13/2023
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#6
Aniline
Concen: 33.361 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132744.D
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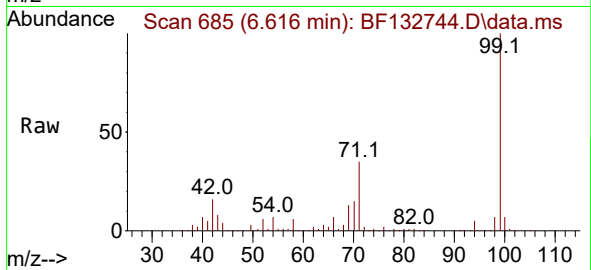
Tgt Ion: 93 Resp: 801786
Ion Ratio Lower Upper
93 100
66 38.0 32.5 48.7
65 19.6 16.6 24.8





#7
Phenol-d6
Concen: 105.084 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132744.D
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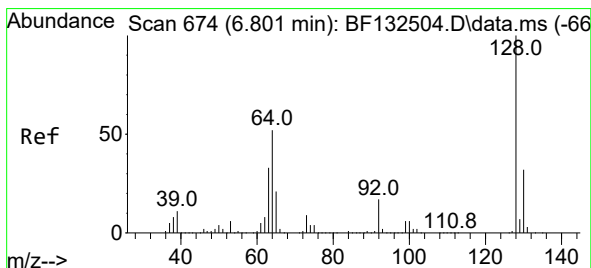
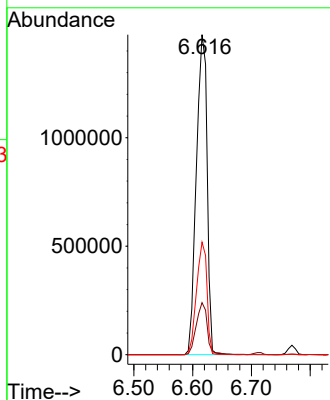
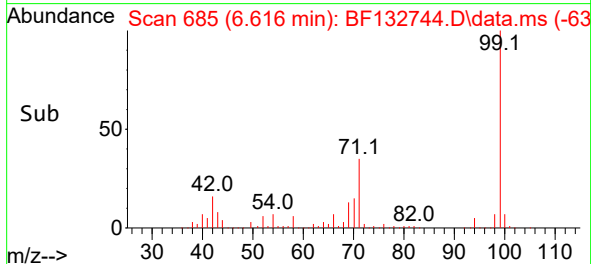
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Tgt Ion: 99 Resp: 187668
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 35.1 28.5 42.7

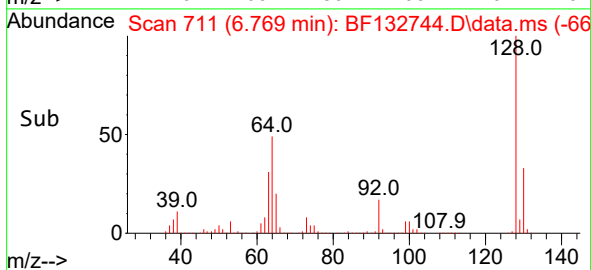
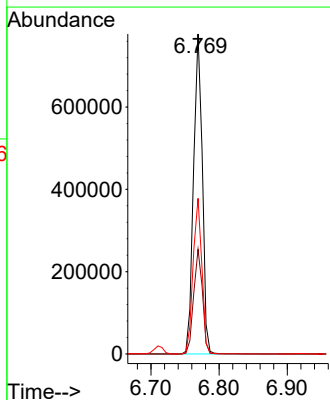
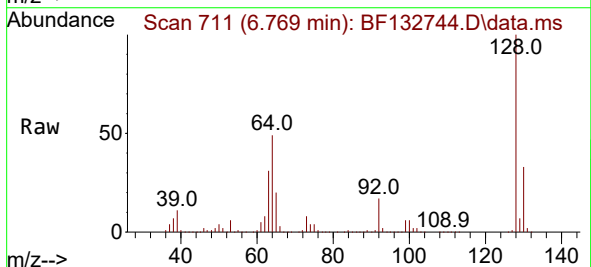
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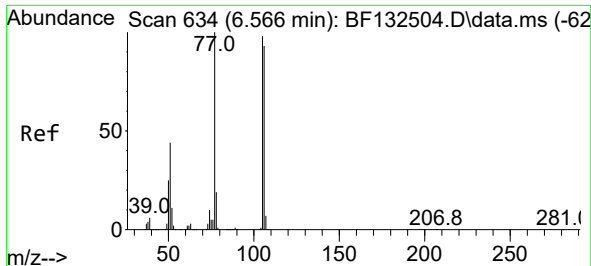
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#8
2-Chlorophenol
Concen: 48.482 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:128 Resp: 688551
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 48.6 32.0 72.0





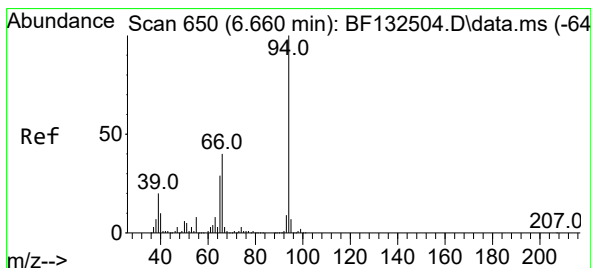
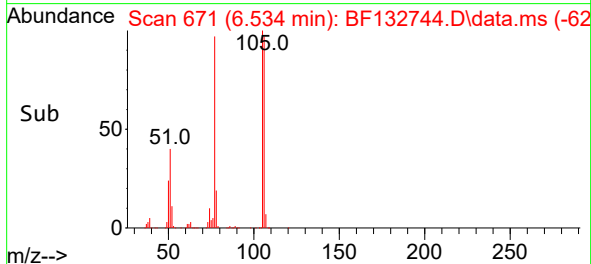
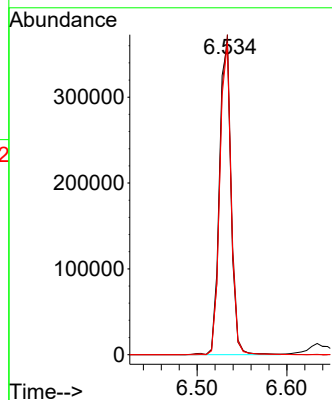
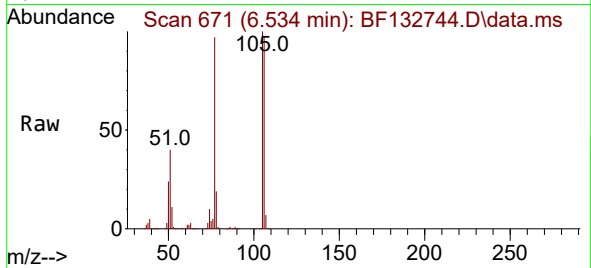
#9
Benzaldehyde
Concen: 33.928 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 32695
Ion Ratio Lower Upper
77 100
105 103.0 77.9 117.9
106 100.3 73.4 113.4

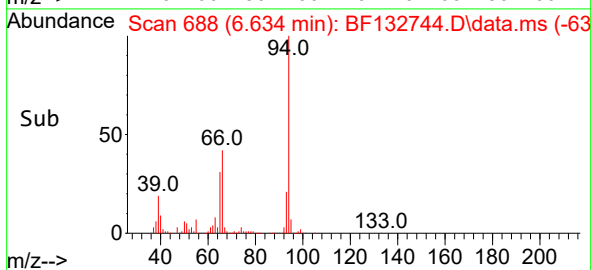
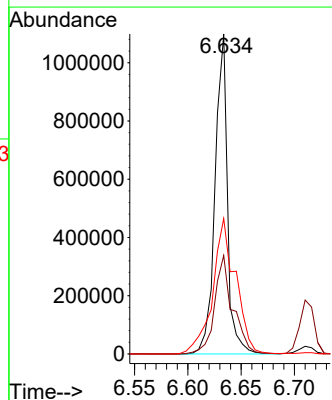
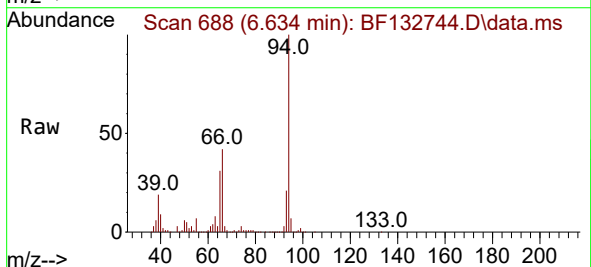
Manual Integrations
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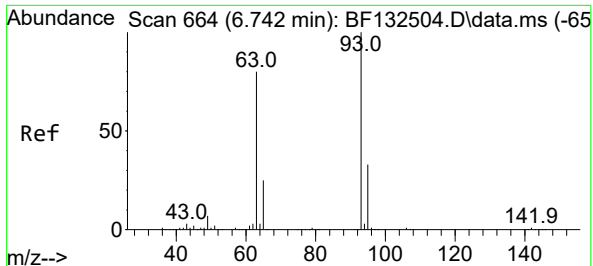
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Phenol
Concen: 43.527 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion: 94 Resp: 891206
Ion Ratio Lower Upper
94 100
65 30.8 9.4 49.4
66 42.3 19.8 59.8





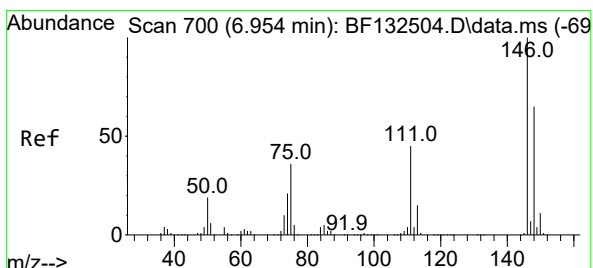
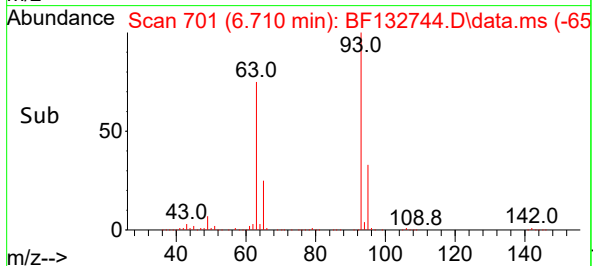
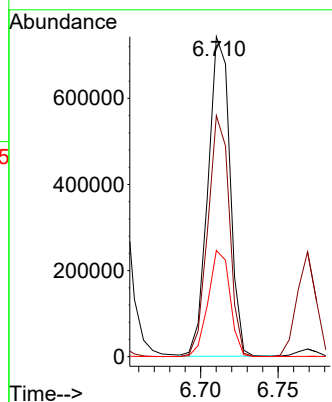
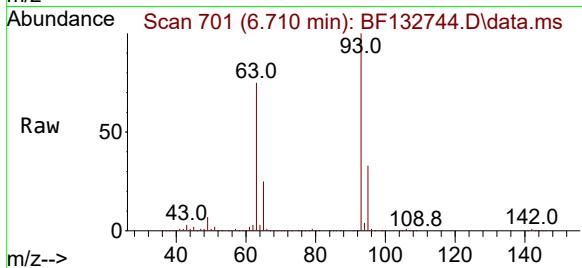
#11
bis(2-Chloroethyl)ether
Concen: 46.303 ng
RT: 6.710 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Tgt Ion: 93 Resp: 73187
Ion Ratio Lower Upper
93 100
63 75.3 59.6 99.6
95 33.2 12.8 52.8

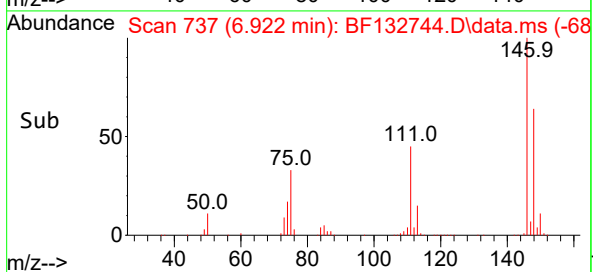
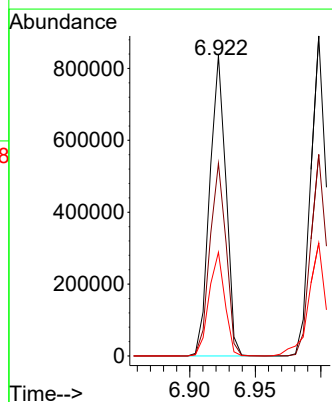
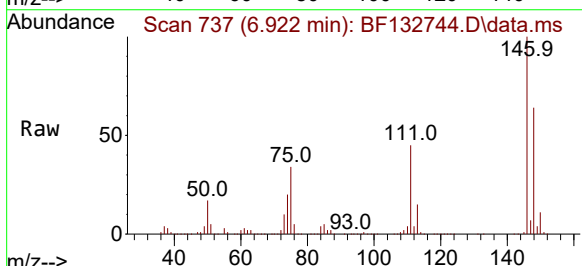
Manual Integrations
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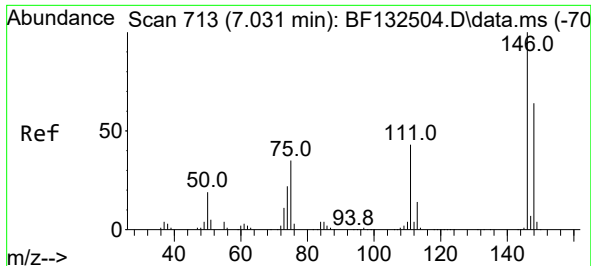
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#12
1,3-Dichlorobenzene
Concen: 47.100 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:146 Resp: 717844
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 34.5 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 47.284 ng

RT: 6.998 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS

Tgt Ion:146 Resp: 71958

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

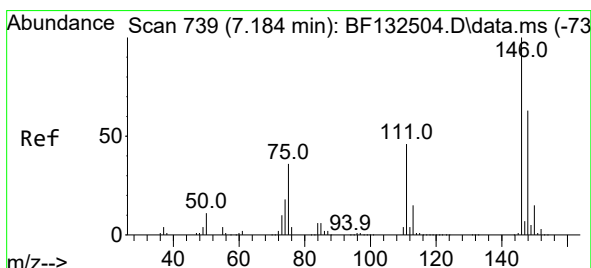
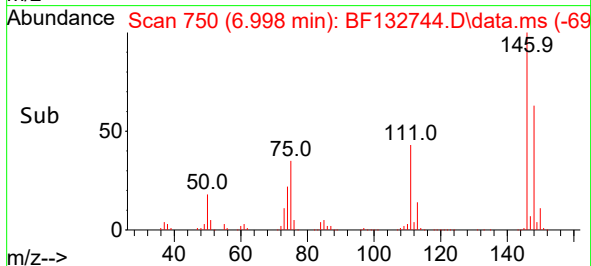
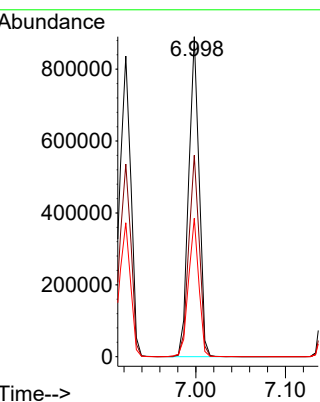
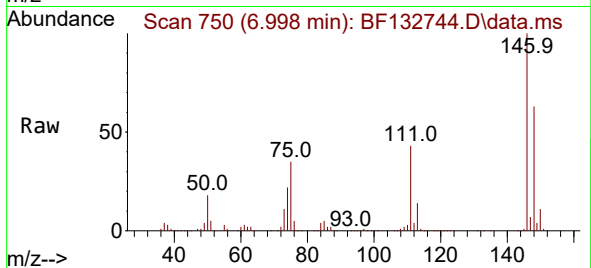
111 43.3 34.8 52.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#14

1,2-Dichlorobenzene

Concen: 47.023 ng

RT: 7.151 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

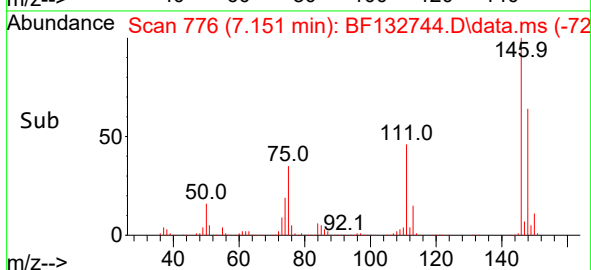
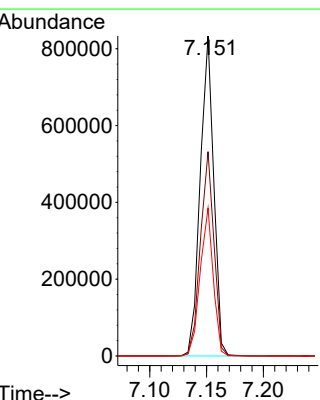
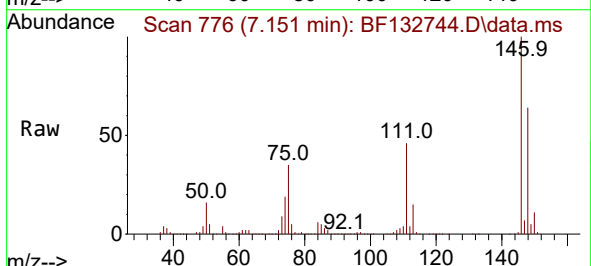
Tgt Ion:146 Resp: 686783

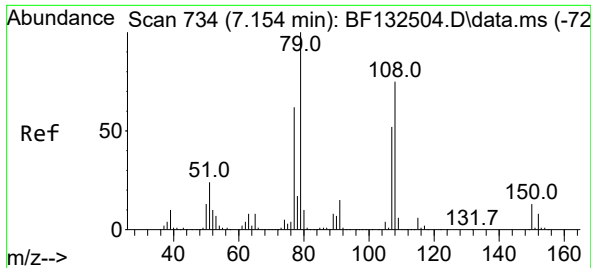
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

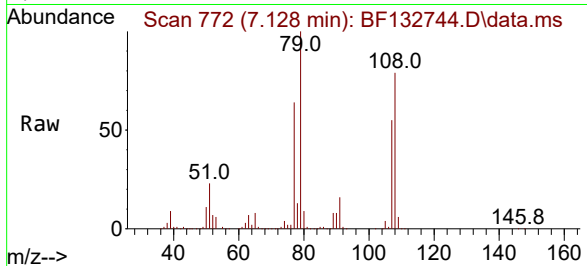
111 46.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.931 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

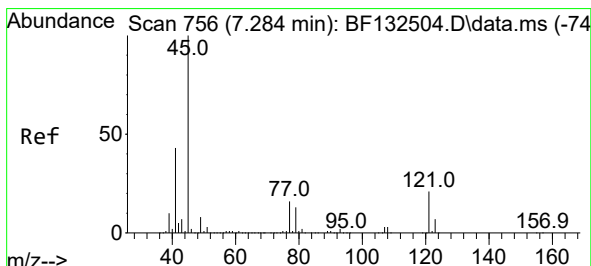
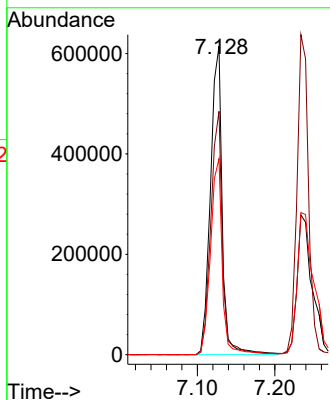
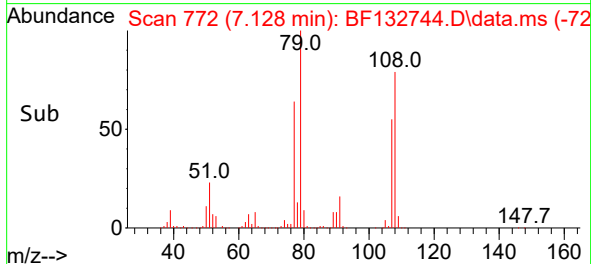
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



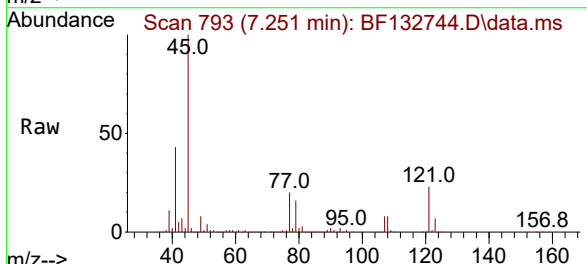
Tgt Ion: 79 Resp: 645494
Ion Ratio Lower Upper
79 100
108 78.9 60.2 90.4
77 63.5 49.9 74.9

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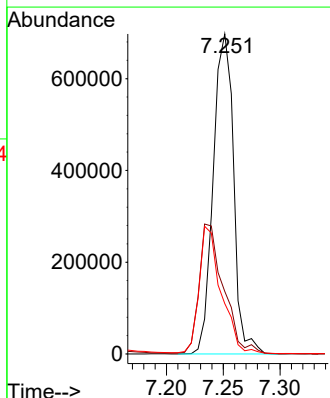
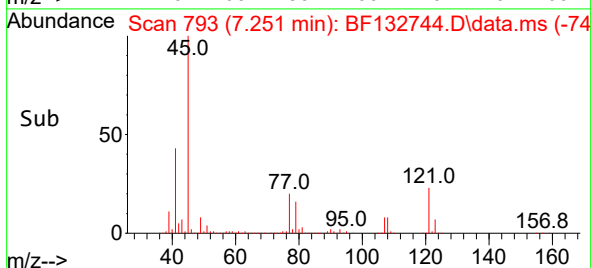
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

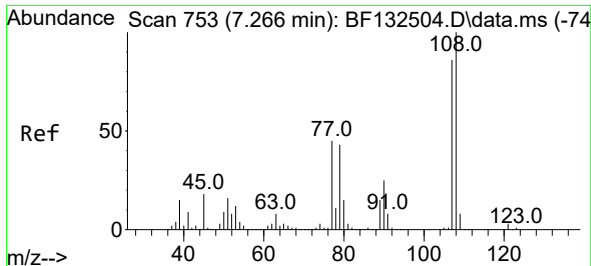


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.225 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



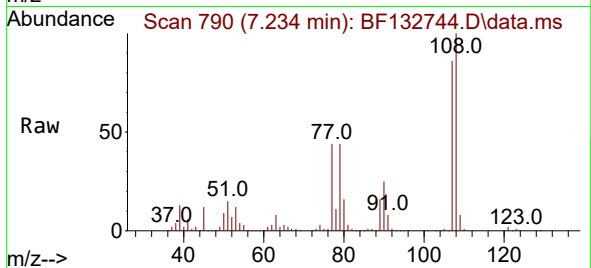
Tgt Ion: 45 Resp: 871241
Ion Ratio Lower Upper
45 100
77 19.6 0.0 36.4
79 15.8 0.0 33.4





#17
2-Methylphenol
Concen: 42.398 ng
RT: 7.234 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

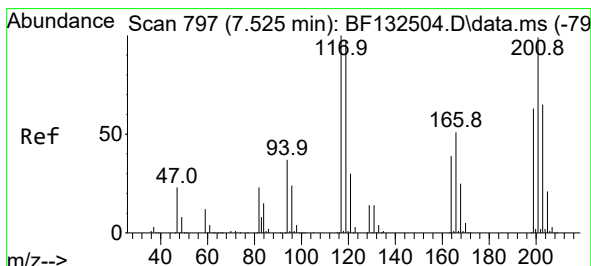
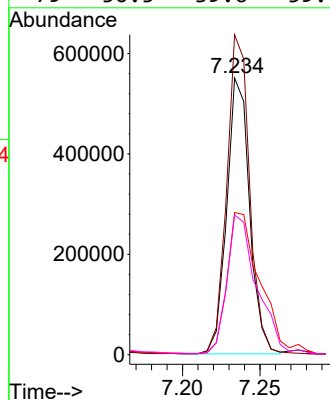
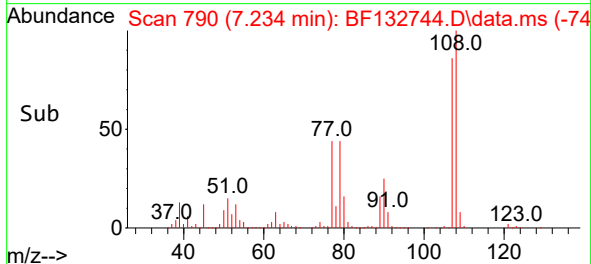
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:107 Resp: 56197
Ion Ratio Lower Upper
107 100
108 115.7 93.0 139.4
77 51.4 42.1 63.1
79 50.5 39.6 59.4

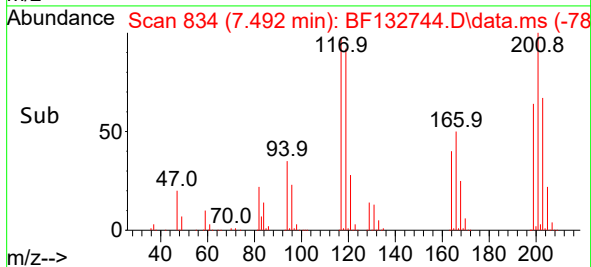
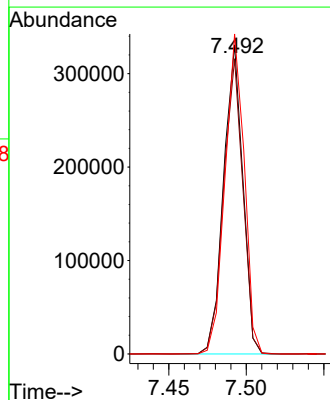
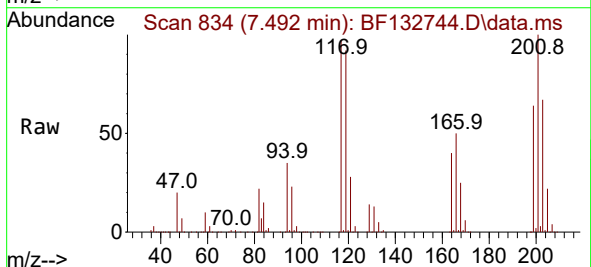
Manual Integrations
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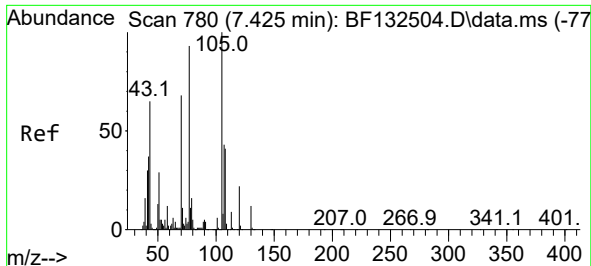
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#18
Hexachloroethane
Concen: 48.041 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

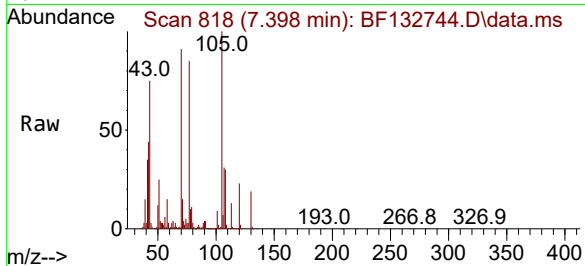
Tgt Ion:117 Resp: 285626
Ion Ratio Lower Upper
117 100
119 95.5 78.0 117.0
201 103.5 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.338 ng
RT: 7.398 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

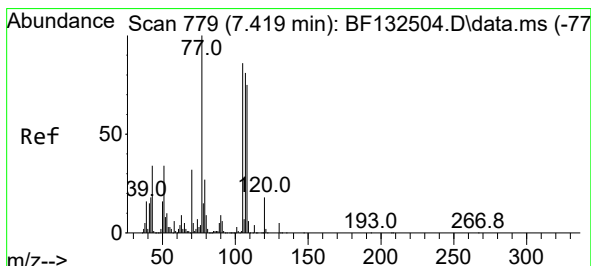
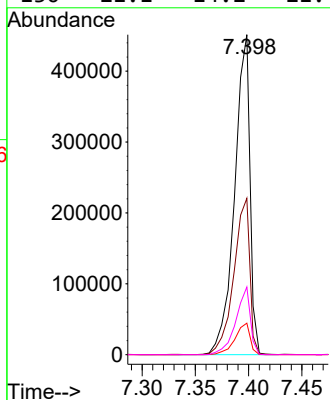
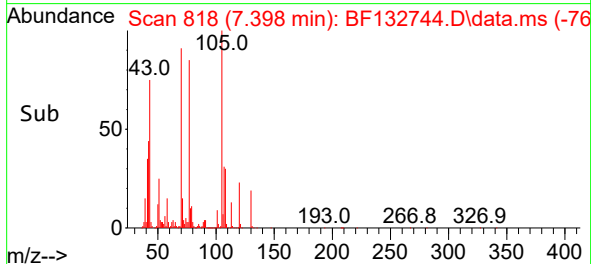
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



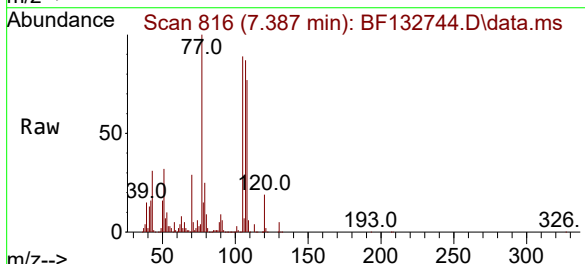
Tgt Ion: 70 Resp: 454348
Ion Ratio Lower Upper
70 100
42 48.8 44.1 66.1
101 9.9 7.4 11.2
130 21.1 14.2 21.4

Manual Integrations
APPROVED

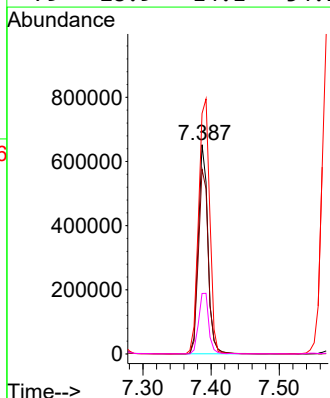
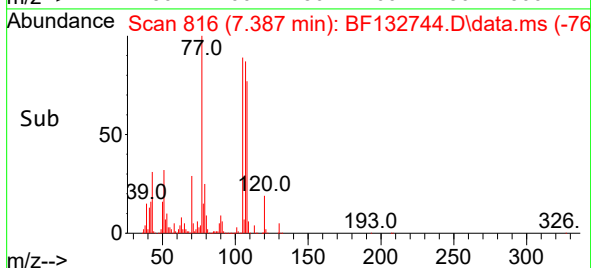
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

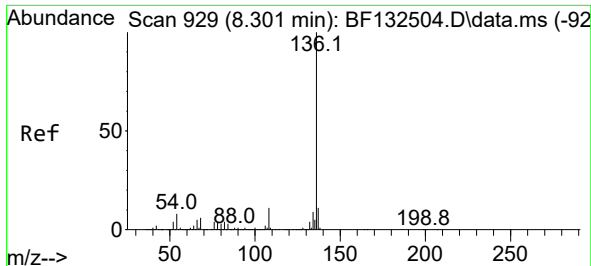


#20
3+4-Methylphenols
Concen: 37.212 ng
RT: 7.387 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



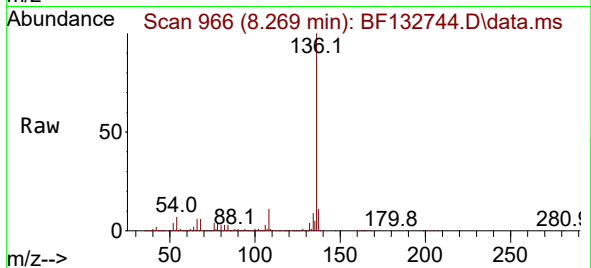
Tgt Ion:107 Resp: 637225
Ion Ratio Lower Upper
107 100
108 88.2 72.6 112.6
77 114.9 104.0 144.0
79 28.9 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

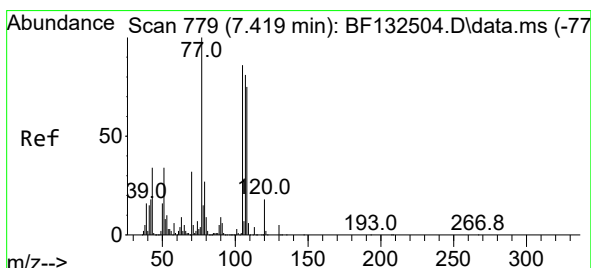
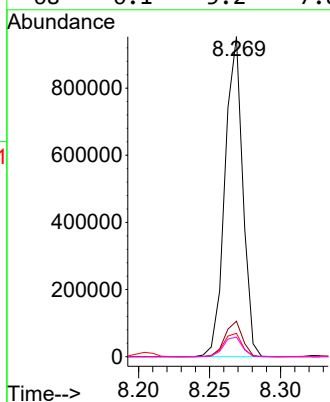
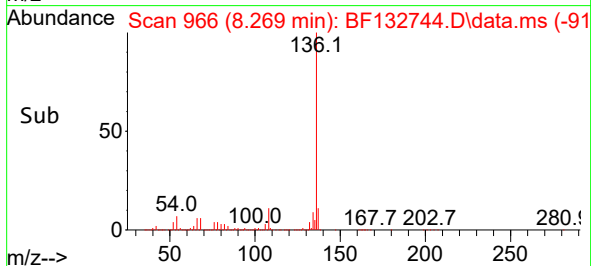
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:136 Resp: 827398
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.3 6.2 9.4
68 6.1 5.2 7.8

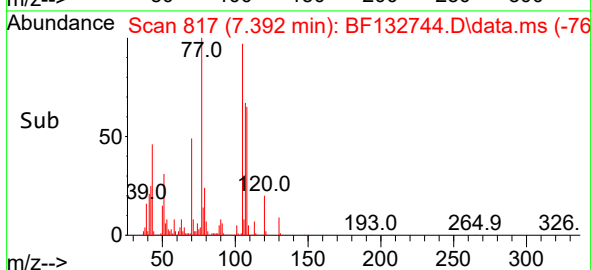
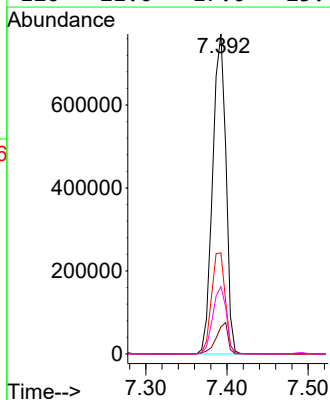
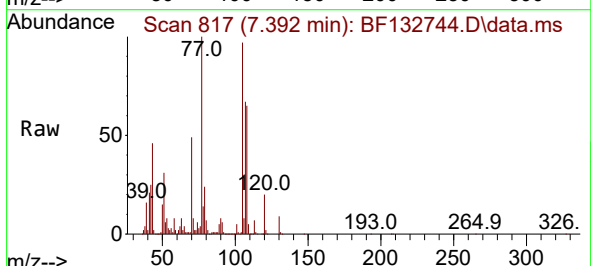
Manual Integrations
APPROVED

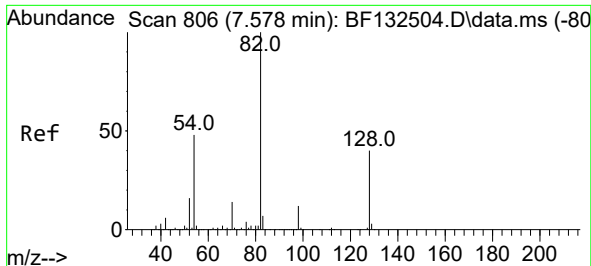
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#22
Acetophenone
Concen: 42.000 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:105 Resp: 876269
Ion Ratio Lower Upper
105 100
71 8.5 5.0 7.4#
51 31.6 31.5 47.3
120 21.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 72.693 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS

Tgt Ion: 82 Resp: 126771

Ion Ratio Lower Upper

82 100

128 43.3 32.2 48.2

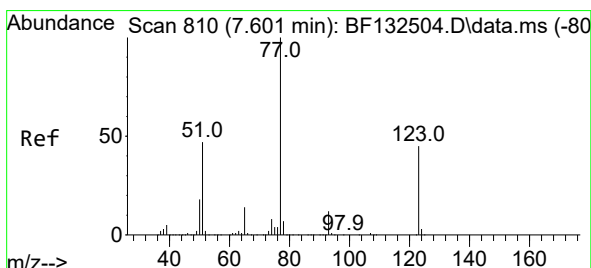
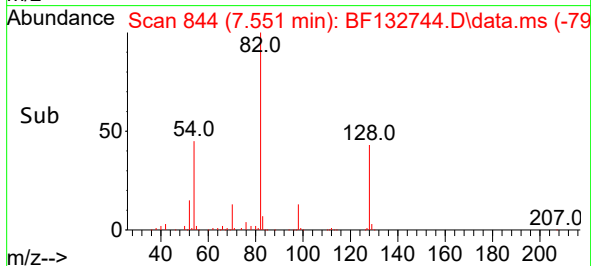
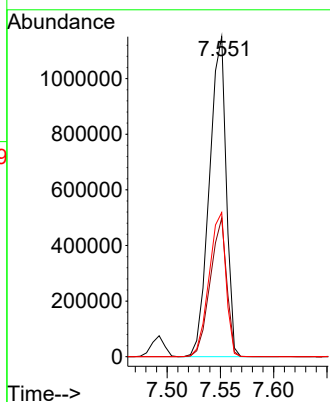
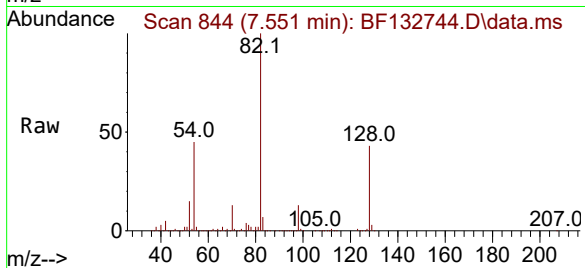
54 45.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#24

Nitrobenzene

Concen: 41.604 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

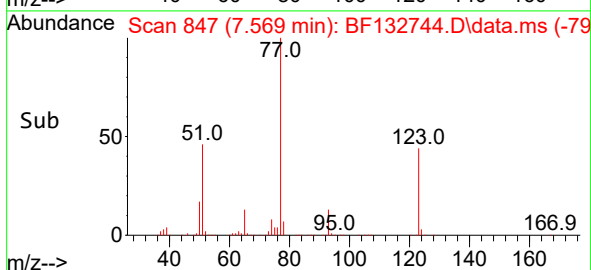
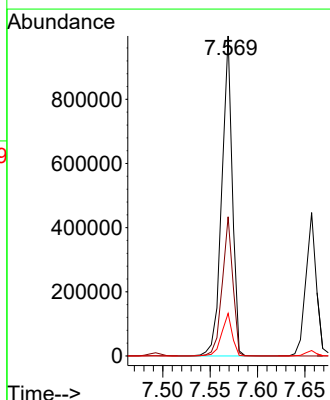
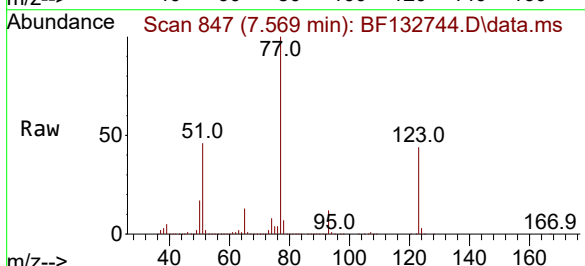
Tgt Ion: 77 Resp: 775963

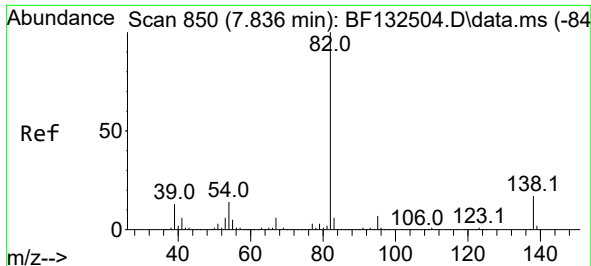
Ion Ratio Lower Upper

77 100

123 43.5 35.8 53.6

65 13.3 10.9 16.3





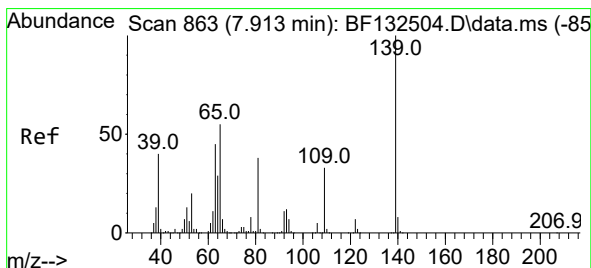
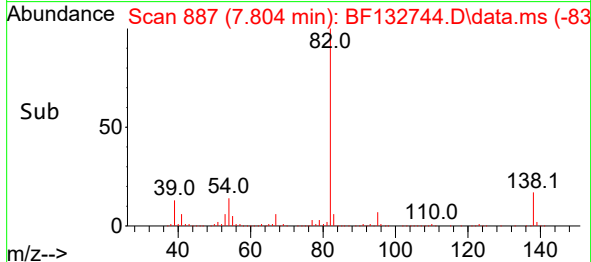
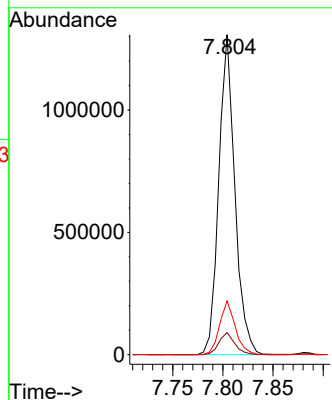
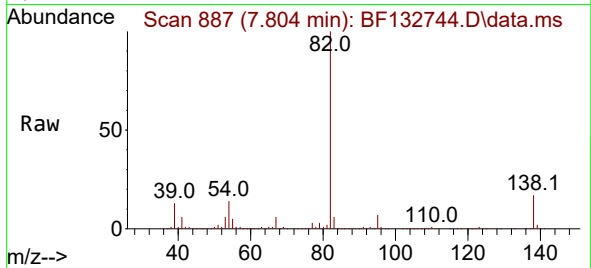
#25
Isophorone
Concen: 43.594 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Tgt Ion: 82 Resp: 1457564
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.8 13.3 19.9

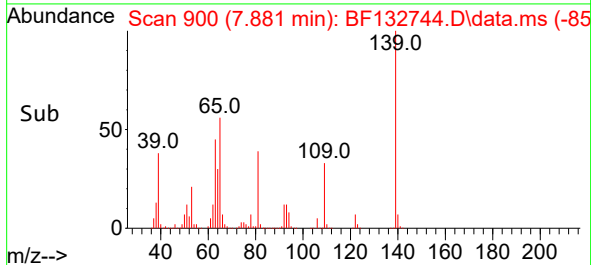
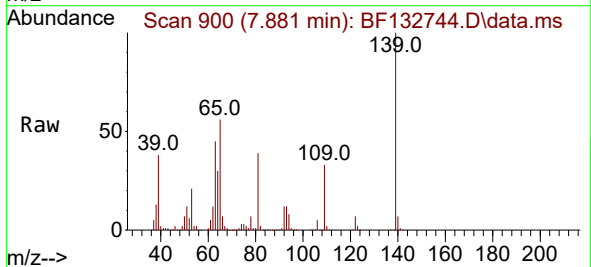
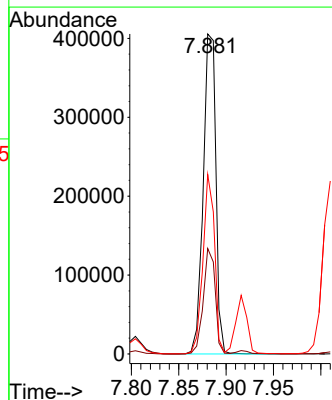
Manual Integrations
APPROVED

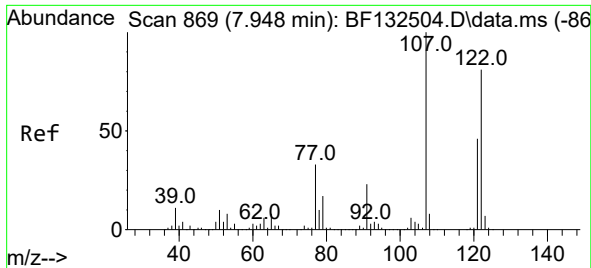
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#26
2-Nitrophenol
Concen: 45.960 ng
RT: 7.881 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

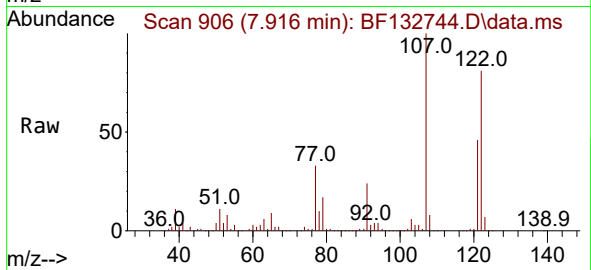
Tgt Ion:139 Resp: 378217
Ion Ratio Lower Upper
139 100
109 32.9 26.2 39.2
65 56.1 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 44.750 ng
RT: 7.916 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

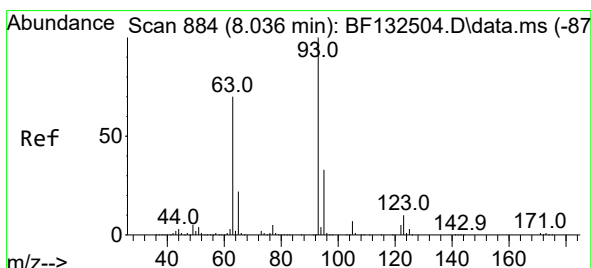
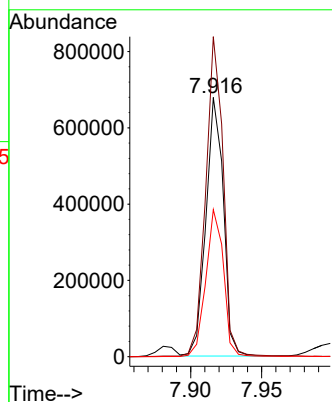
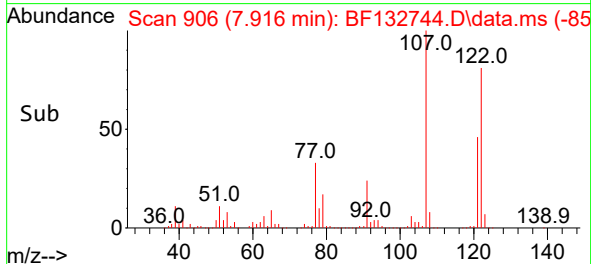
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion: 122 Resp: 581219
Ion Ratio Lower Upper
122 100
107 123.5 98.7 148.1
121 56.7 45.8 68.6

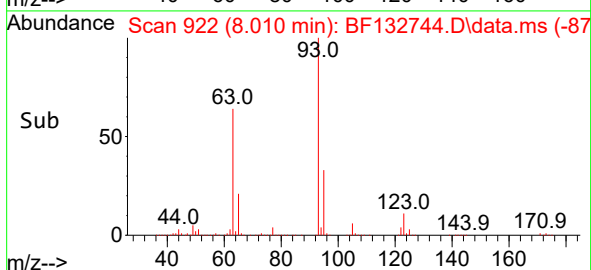
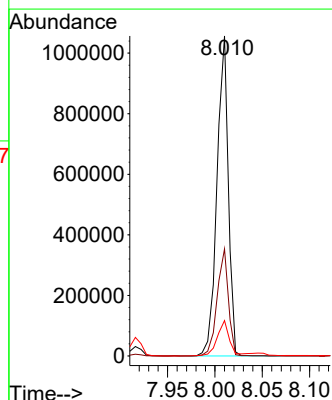
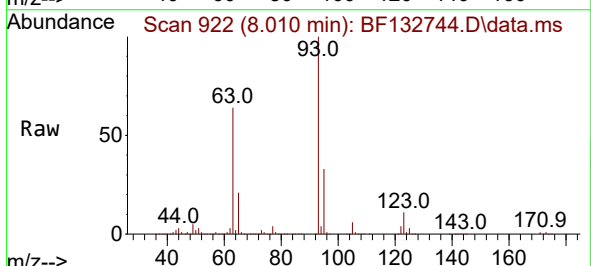
Manual Integrations
APPROVED

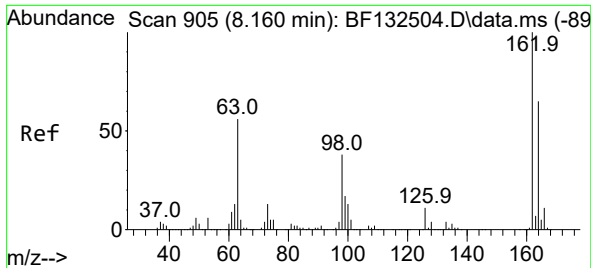
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.801 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion: 93 Resp: 876276
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 11.0 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.022 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

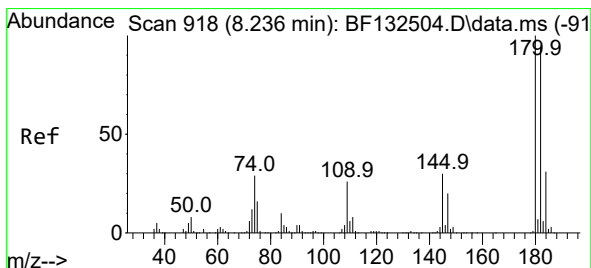
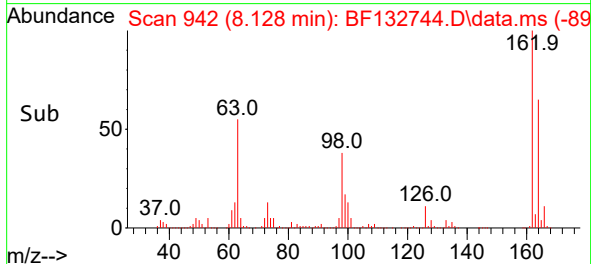
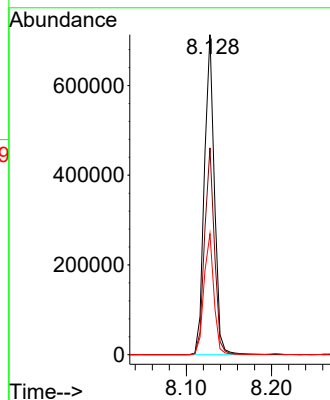
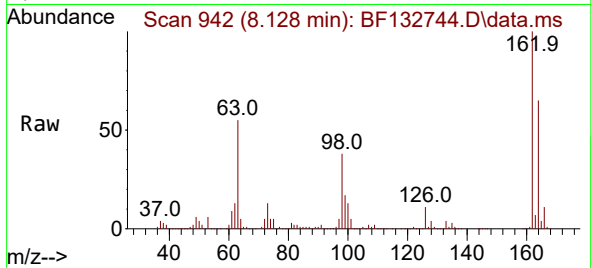
20230163-COMPOSITE-2MS

Tgt Ion:162	Resp: 58167
Ion Ratio	Lower Upper
162 100	
164 64.6	45.3 85.3
98 37.8	17.9 57.9

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 45.979 ng

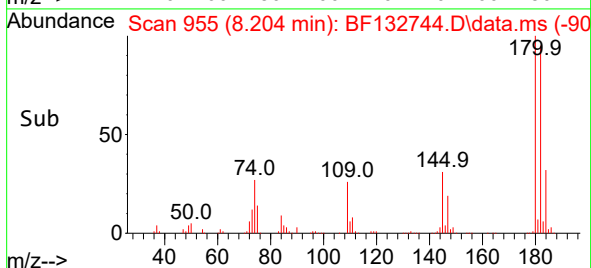
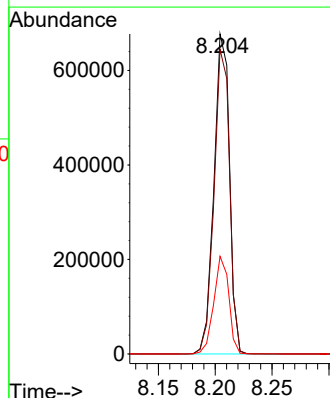
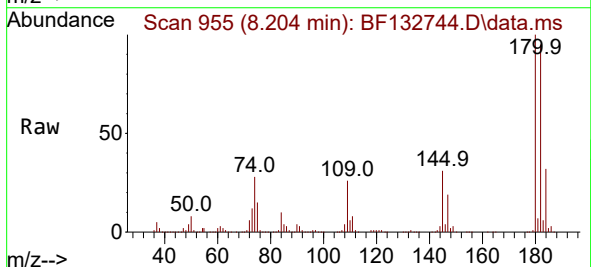
RT: 8.204 min Scan# 955

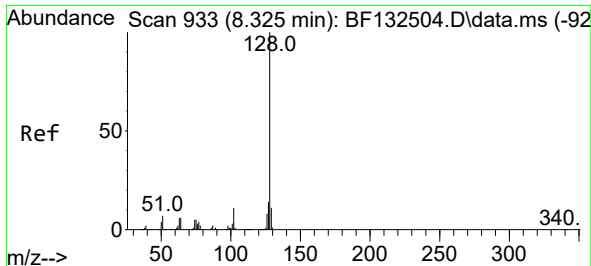
Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

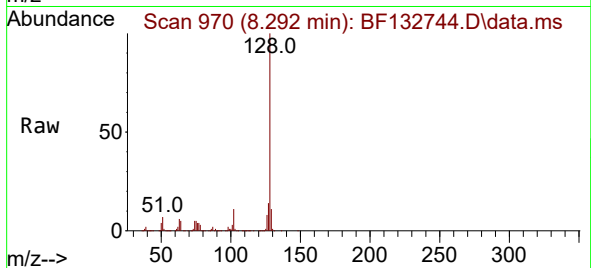
Tgt Ion:180	Resp: 645047
Ion Ratio	Lower Upper
180 100	
182 95.2	75.1 112.7
145 30.5	23.8 35.6





#31
Naphthalene
Concen: 42.697 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

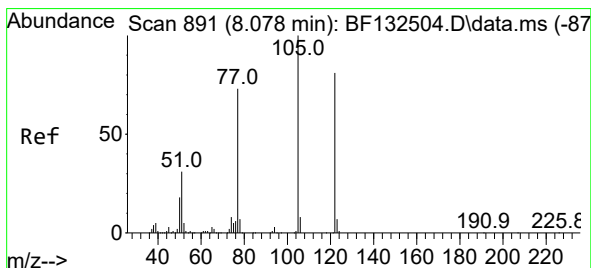
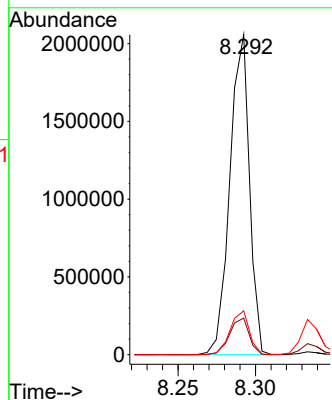
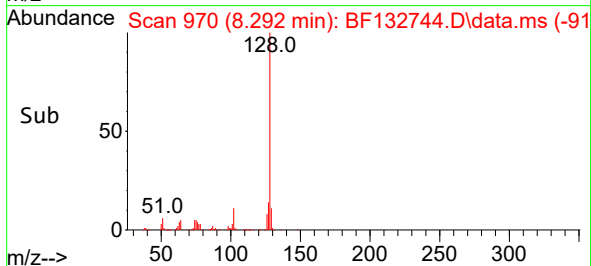
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:128 Resp: 180852
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 11.0 16.6

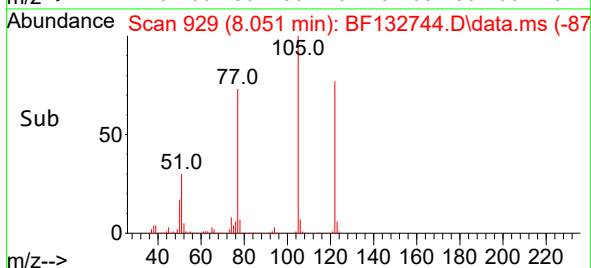
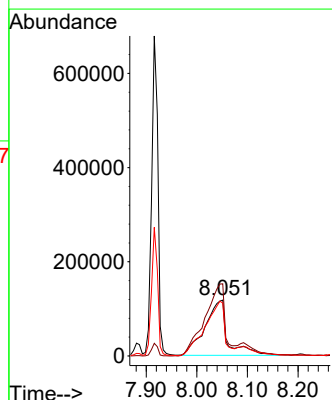
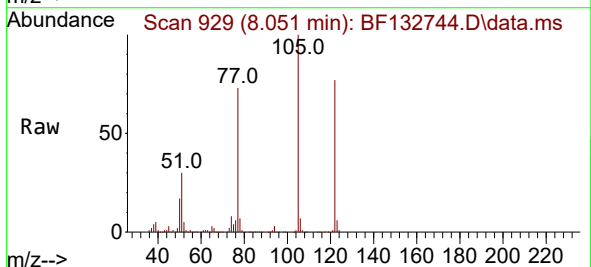
Manual Integrations
APPROVED

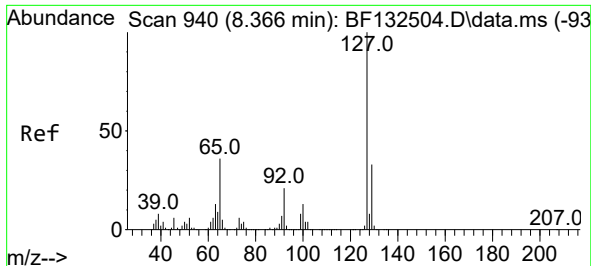
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#32
Benzoic acid
Concen: 36.736 ng m
RT: 8.051 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:122 Resp: 365968
Ion Ratio Lower Upper
122 100
105 129.3 102.6 142.6
77 95.0 70.2 110.2





#33
4-Chloroaniline
Concen: 12.183 ng
RT: 8.334 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

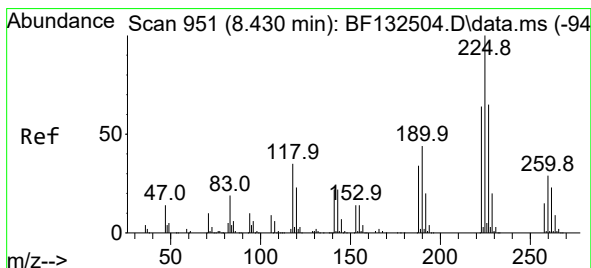
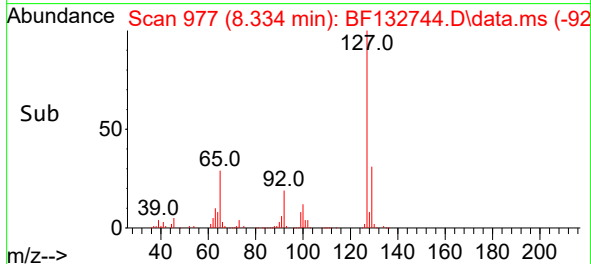
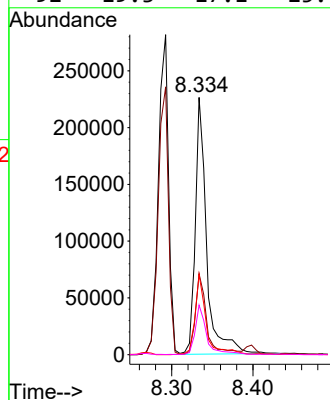
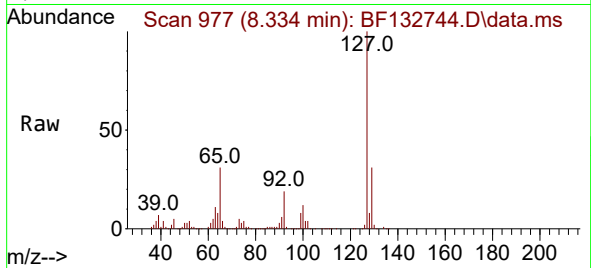
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Tgt Ion:127 Resp: 221139

Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.4	39.6
65	31.1	28.8	43.2
92	19.3	17.1	25.7

Manual Integrations
APPROVED

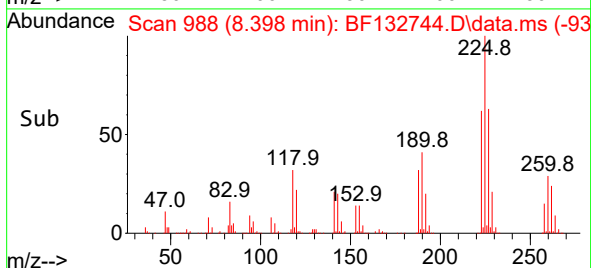
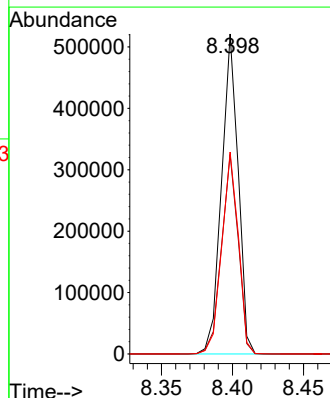
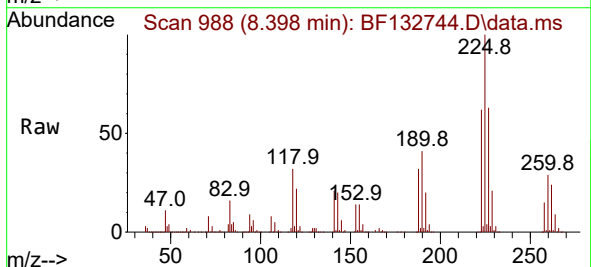
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#34
Hexachlorobutadiene
Concen: 47.388 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:225 Resp: 422453

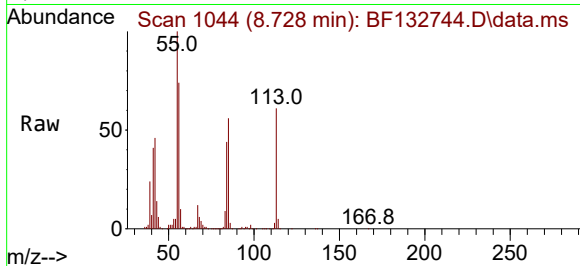
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.4
227	63.1	51.7	77.5





#35
Caprolactam
Concen: 46.487 ng m
RT: 8.728 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

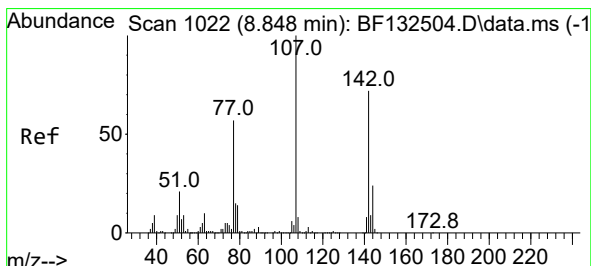
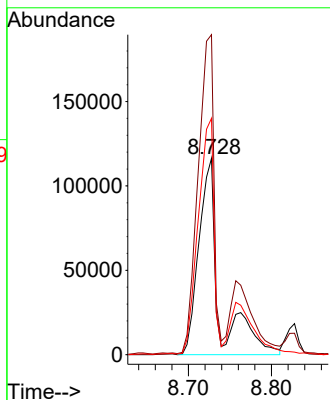
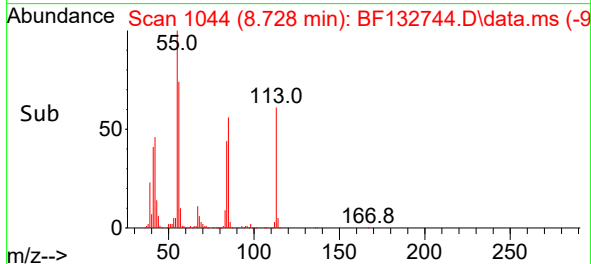
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:113 Resp: 198004
Ion Ratio Lower Upper
113 100
55 163.0 149.4 189.4
56 120.4 105.0 145.0

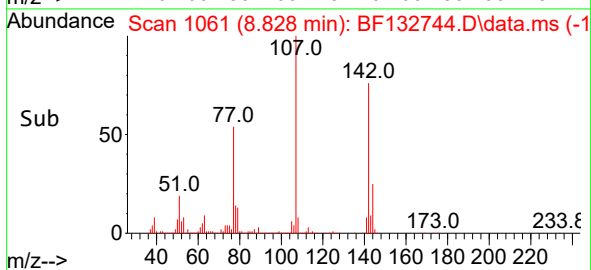
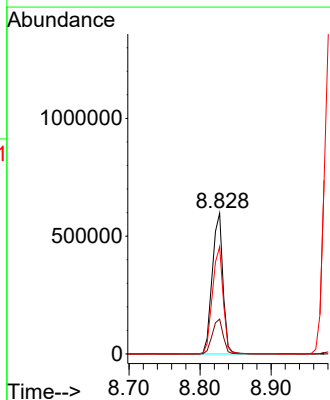
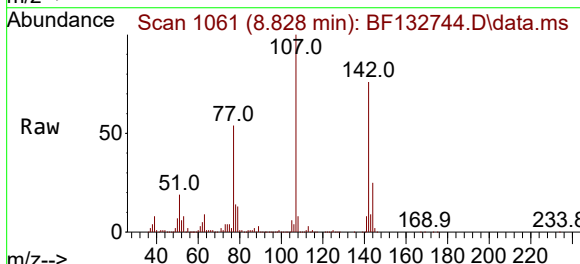
Manual Integrations
APPROVED

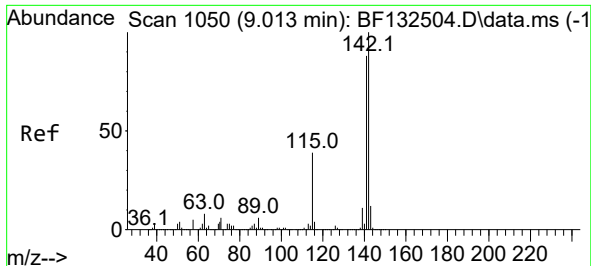
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#36
4-Chloro-3-methylphenol
Concen: 44.241 ng
RT: 8.828 min Scan# 1061
Delta R.T. 0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:107 Resp: 627726
Ion Ratio Lower Upper
107 100
144 24.7 18.9 28.3
142 76.2 57.9 86.9





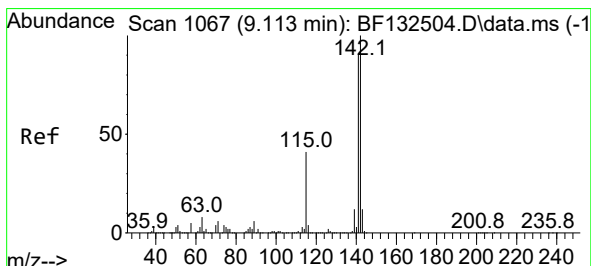
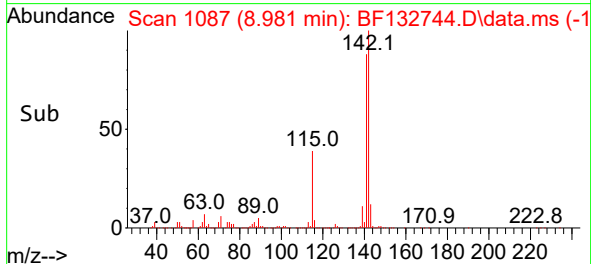
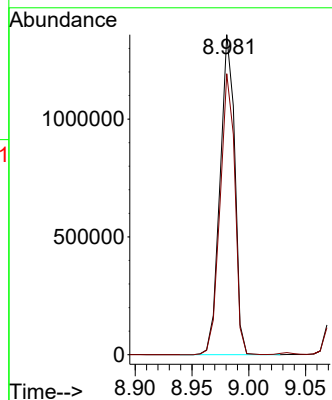
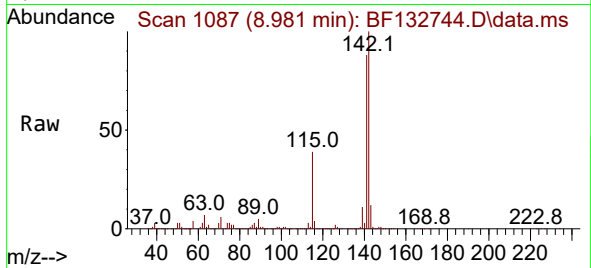
#37
2-Methylnaphthalene
Concen: 42.507 ng
RT: 8.981 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Tgt Ion:142 Resp: 1227024
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2

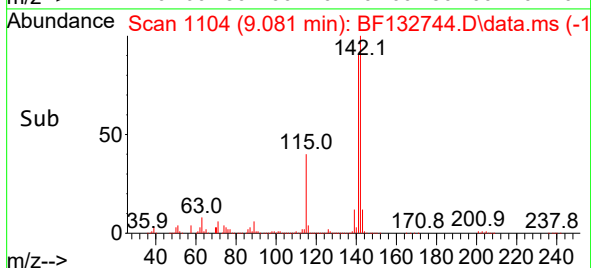
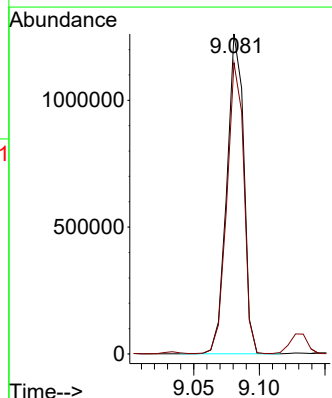
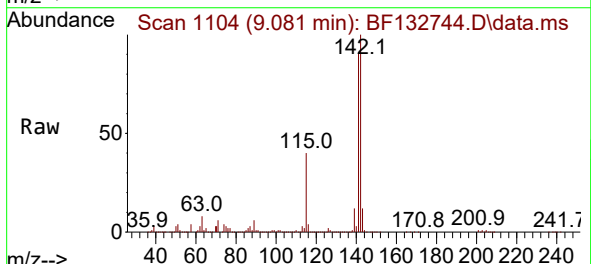
Manual Integrations
APPROVED

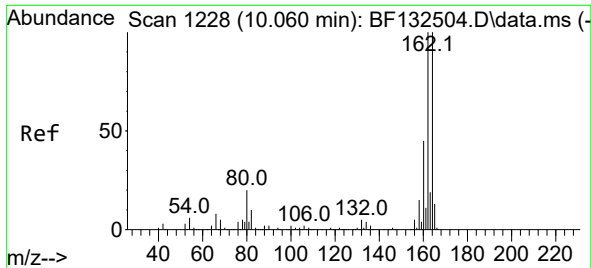
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#38
1-Methylnaphthalene
Concen: 41.874 ng
RT: 9.081 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

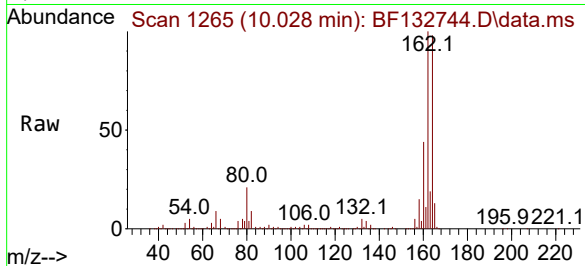
Tgt Ion:142 Resp: 1129616
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

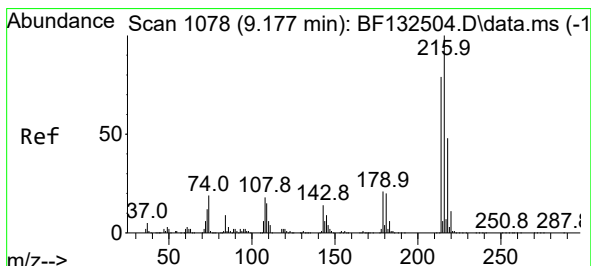
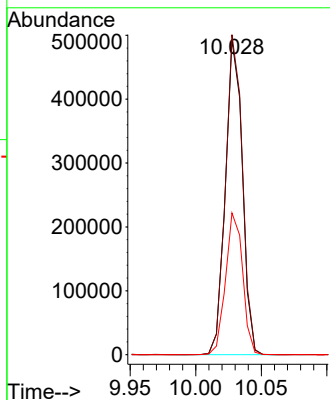
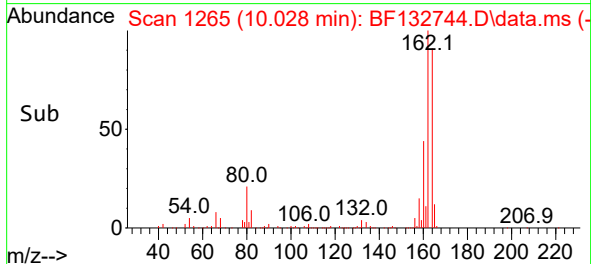
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



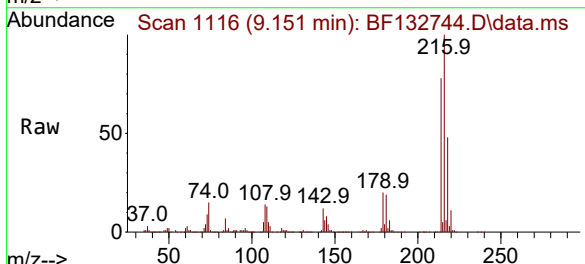
Tgt Ion:164 Resp: 442861
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 45.0 35.8 53.6

Manual Integrations
APPROVED

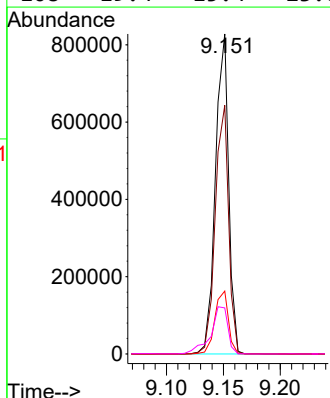
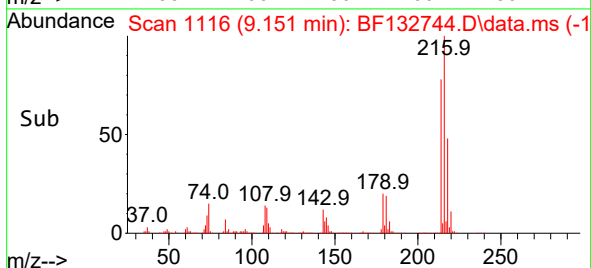
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

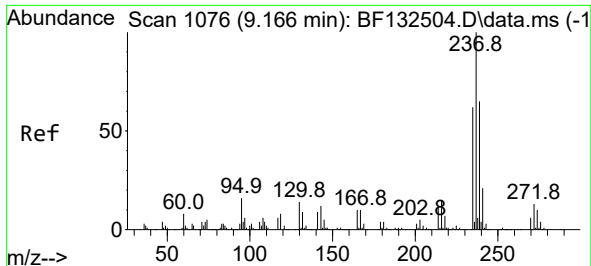


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.142 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



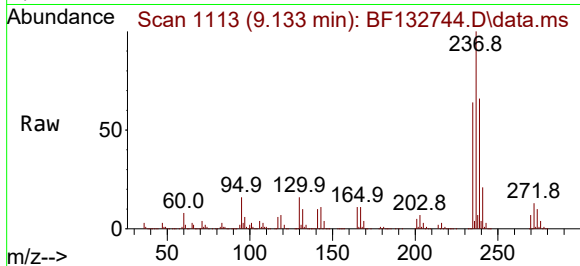
Tgt Ion:216 Resp: 668565
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 20.2 16.6 24.8
108 19.4 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 86.920 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

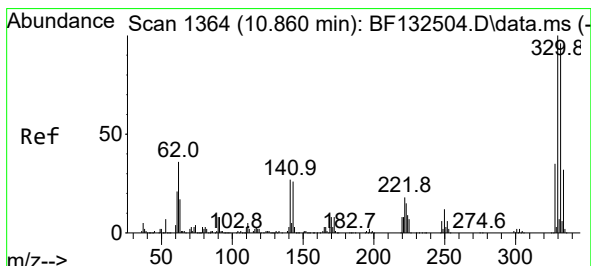
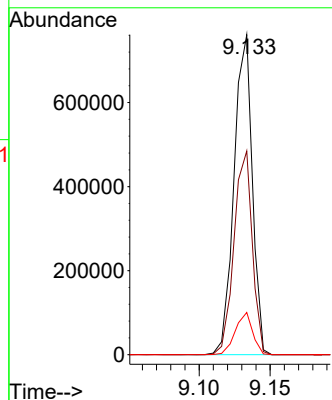
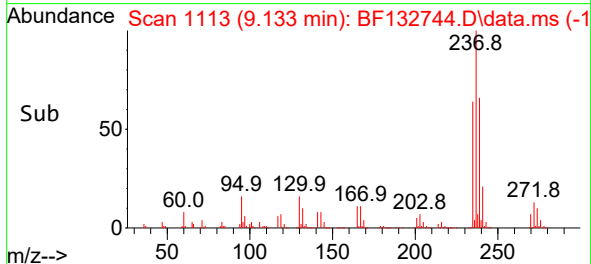
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



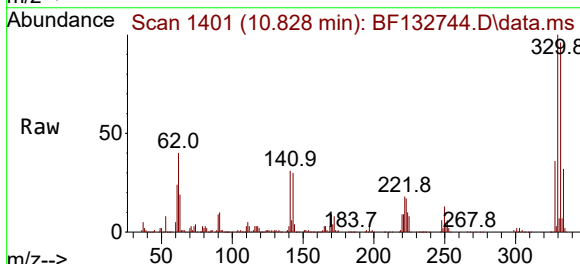
Tgt Ion:237 Resp: 683090
Ion Ratio Lower Upper
237 100
235 63.6 42.4 82.4
272 13.2 0.0 32.7

Manual Integrations
APPROVED

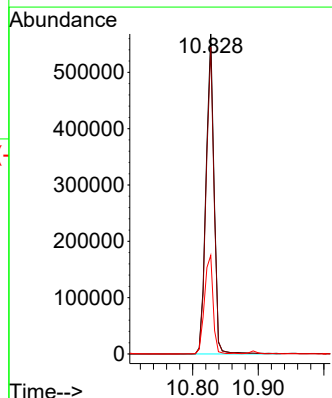
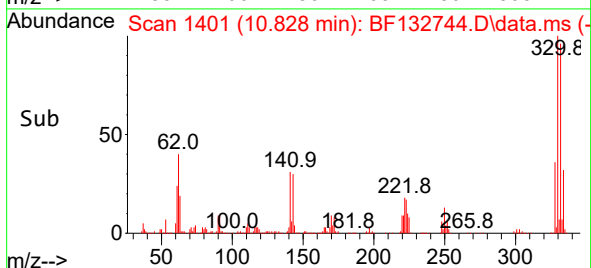
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

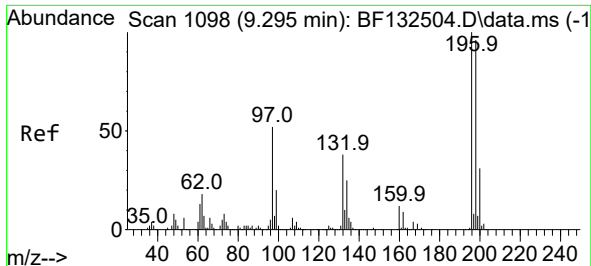


#42
2,4,6-Tribromophenol
Concen: 101.484 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



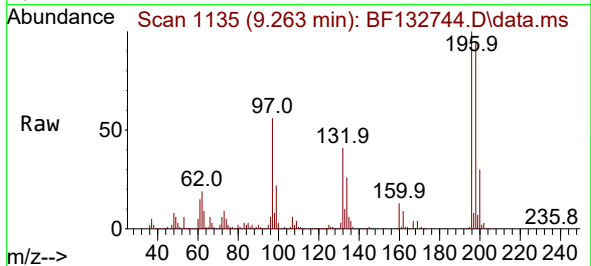
Tgt Ion:330 Resp: 485368
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 33.1 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 45.845 ng
RT: 9.263 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

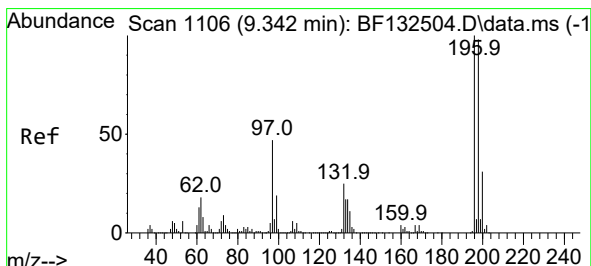
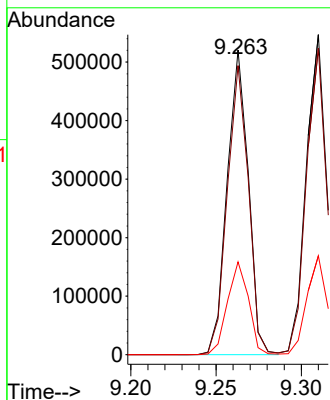
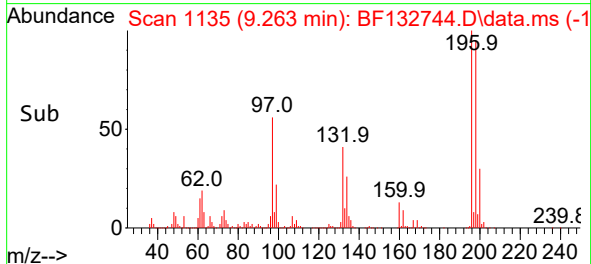
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



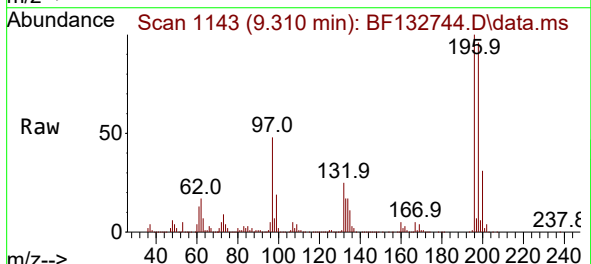
Tgt Ion:196 Resp: 450160
Ion Ratio Lower Upper
196 100
198 94.9 77.1 115.7
200 30.5 25.0 37.4

Manual Integrations
APPROVED

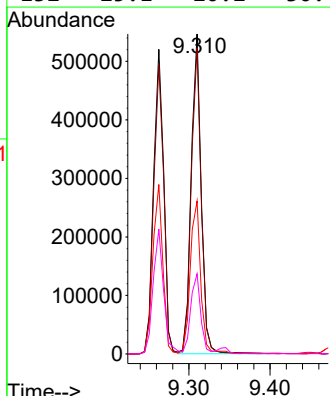
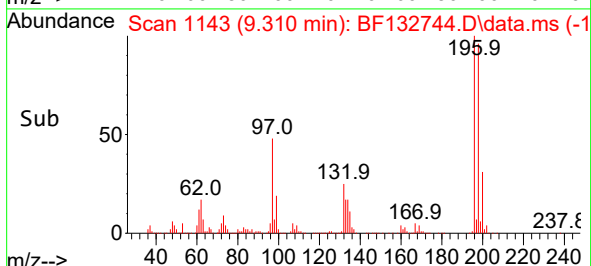
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

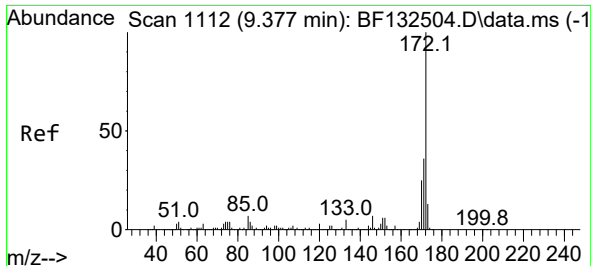


#44
2,4,5-Trichlorophenol
Concen: 41.156 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



Tgt Ion:196 Resp: 471672
Ion Ratio Lower Upper
196 100
198 95.7 78.3 117.5
97 47.8 38.1 57.1
132 25.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 68.742 ng

RT: 9.345 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS

Tgt Ion:172 Resp: 1999350

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

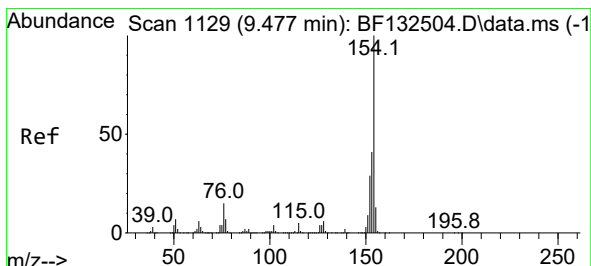
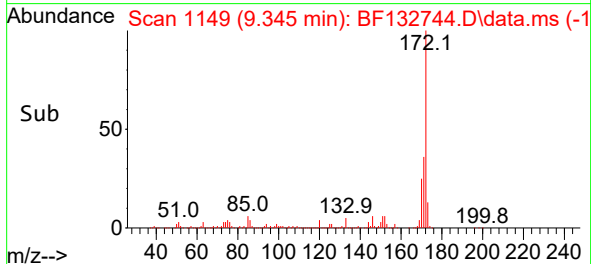
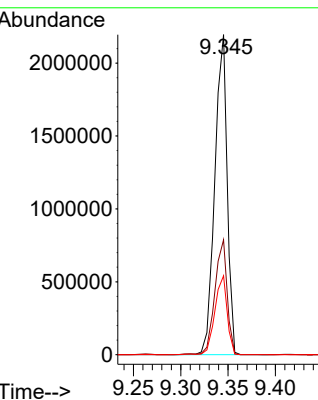
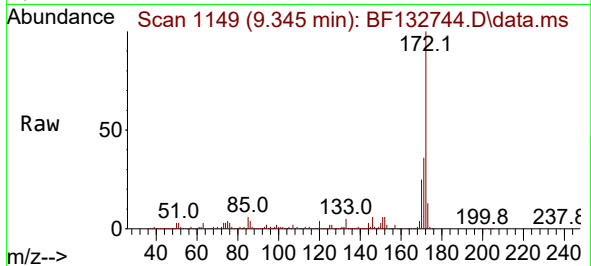
170 24.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#46

1,1'-Biphenyl

Concen: 44.477 ng

RT: 9.445 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

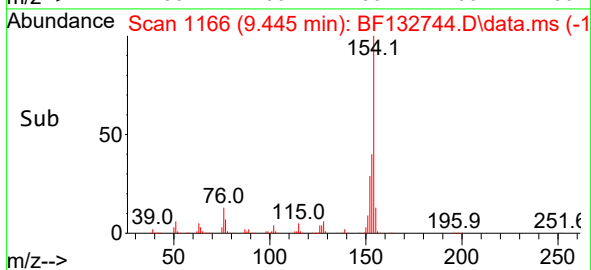
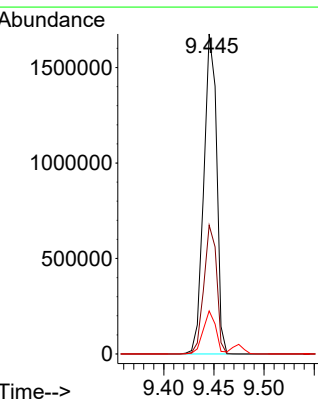
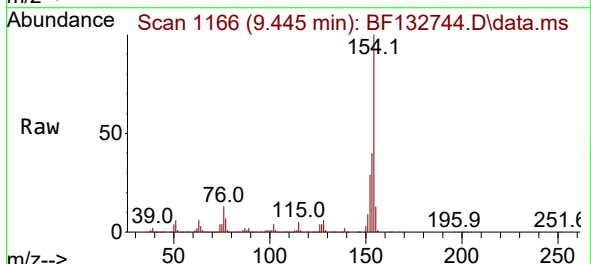
Tgt Ion:154 Resp: 1490851

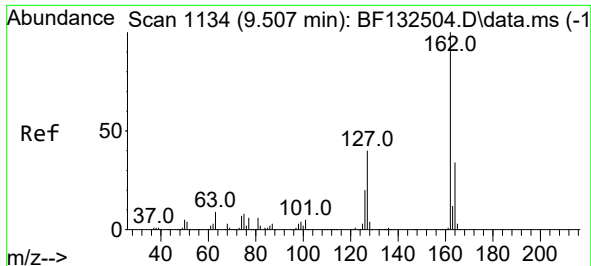
Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

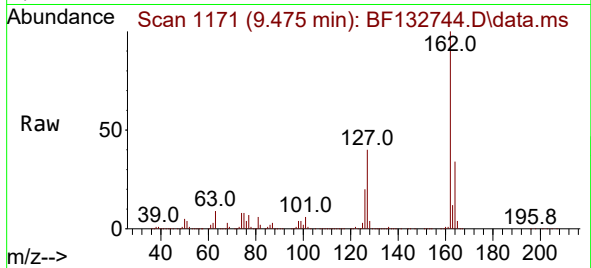
76 13.5 0.0 34.7





#47
2-Chloronaphthalene
Concen: 45.301 ng
RT: 9.475 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

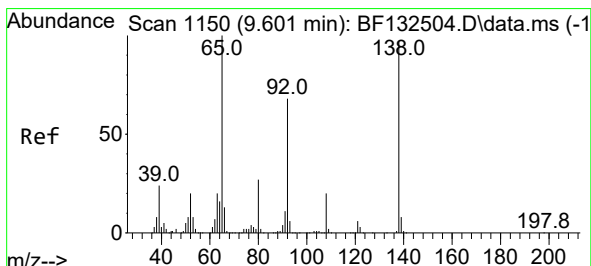
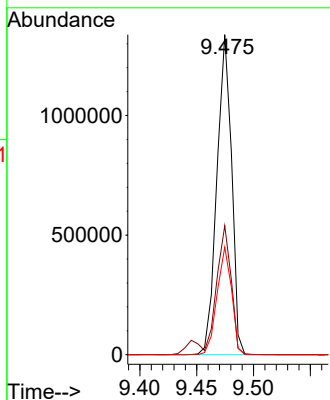
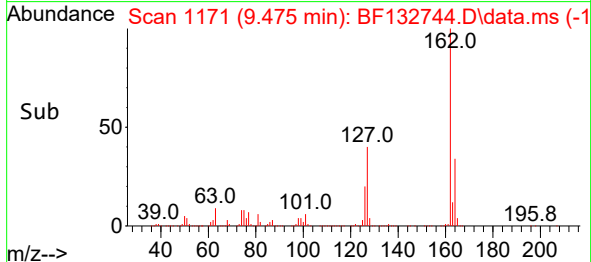
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:162 Resp: 1203918
Ion Ratio Lower Upper
162 100
127 40.3 32.3 48.5
164 33.6 26.9 40.3

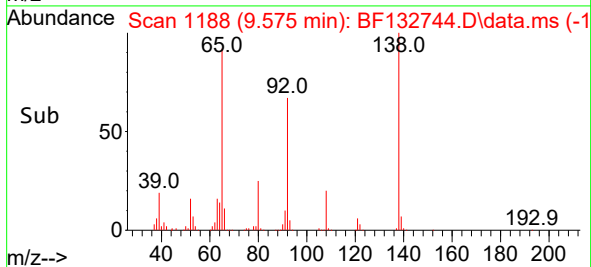
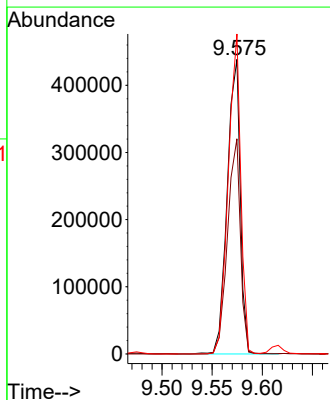
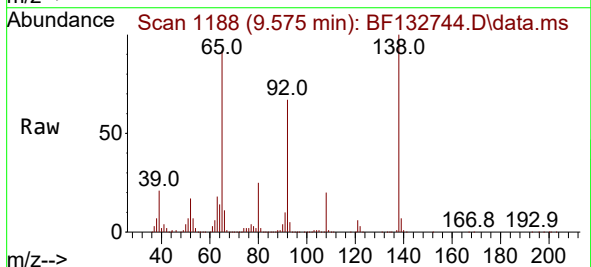
Manual Integrations
APPROVED

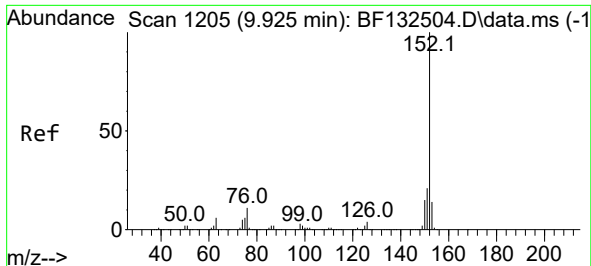
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#48
2-Nitroaniline
Concen: 40.501 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion: 65 Resp: 396422
Ion Ratio Lower Upper
65 100
92 73.1 54.5 81.7
138 108.6 77.2 115.8





#49

Acenaphthylene

Concen: 42.704 ng

RT: 9.892 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS

Tgt Ion:152 Resp: 1806170

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

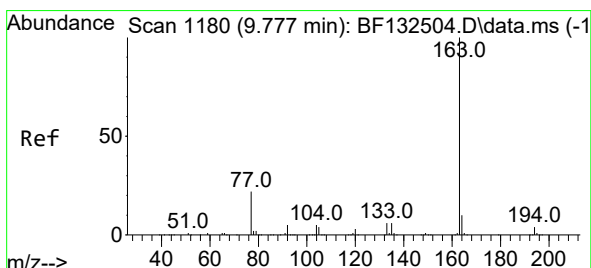
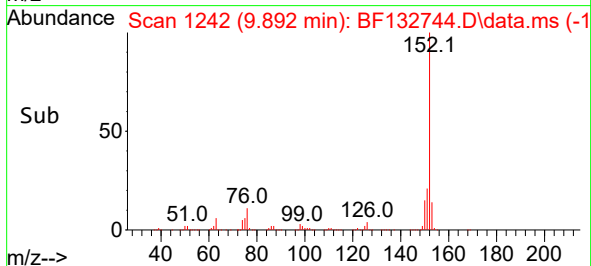
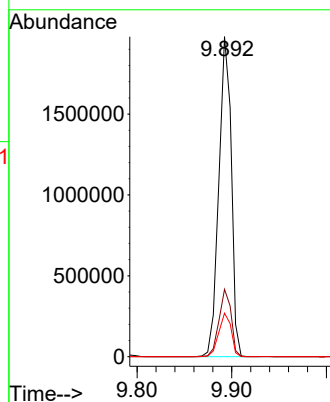
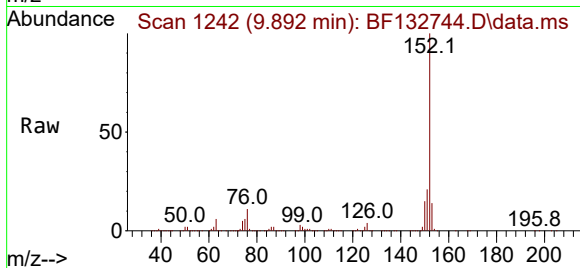
153 13.6 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#50

Dimethylphthalate

Concen: 45.093 ng

RT: 9.745 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

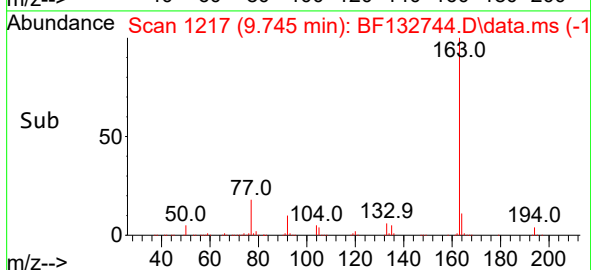
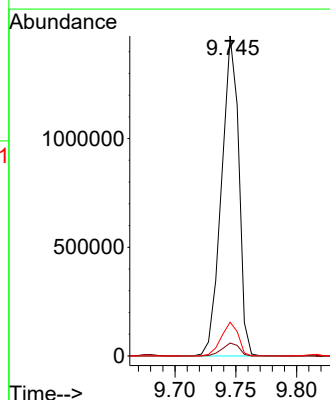
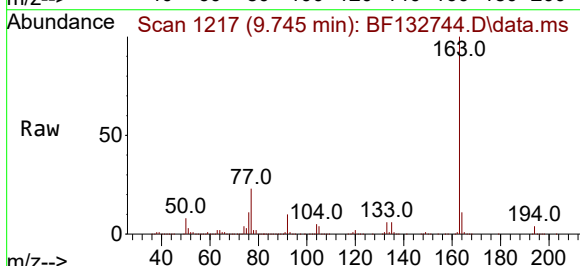
Tgt Ion:163 Resp: 1454059

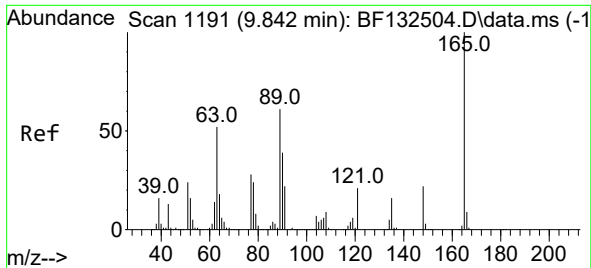
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

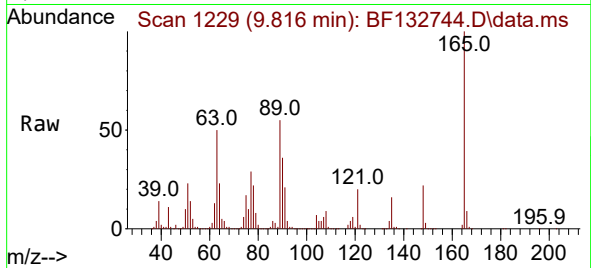
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.422 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

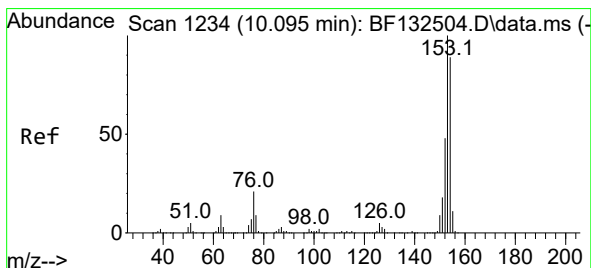
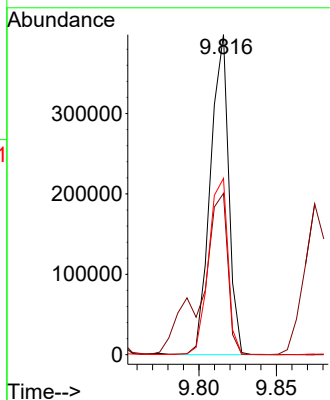
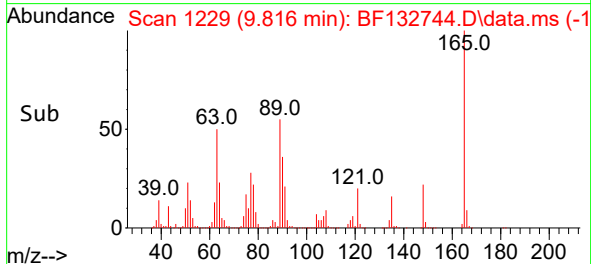
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:165 Resp: 326220
Ion Ratio Lower Upper
165 100
63 50.4 47.3 70.9
89 55.1 48.9 73.3

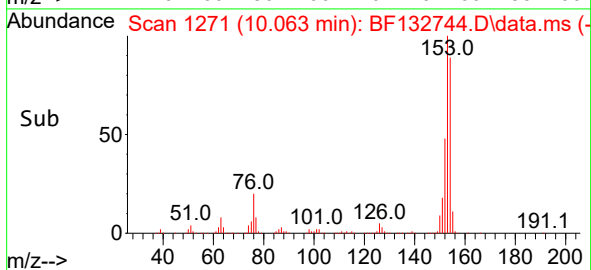
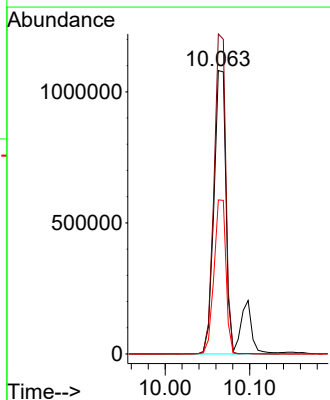
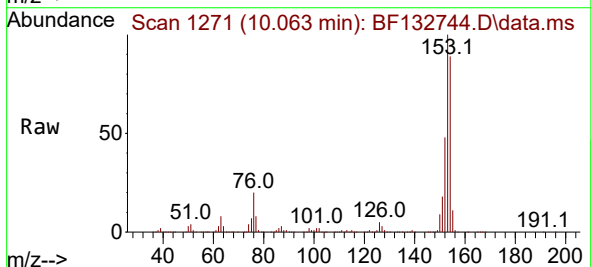
Manual Integrations
APPROVED

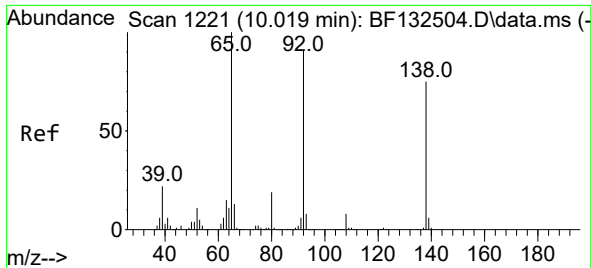
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#52
Acenaphthene
Concen: 46.381 ng m
RT: 10.063 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

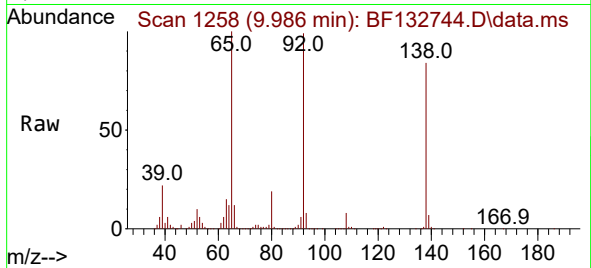
Tgt Ion:154 Resp: 1245663
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.8
152 54.4 43.3 64.9





#53
3-Nitroaniline
Concen: 23.749 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

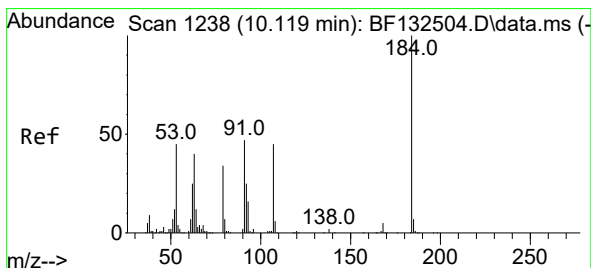
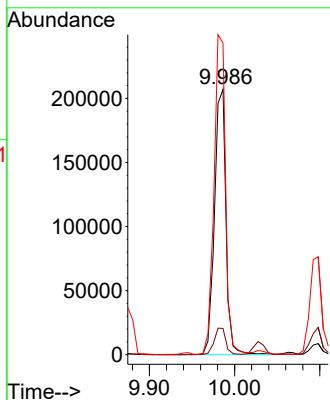
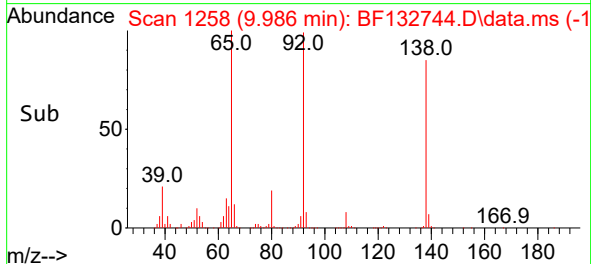
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:138 Resp: 195090
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 117.6 97.2 145.8

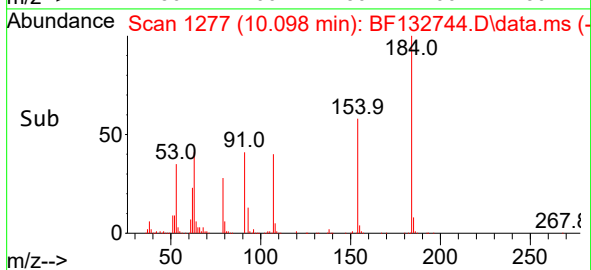
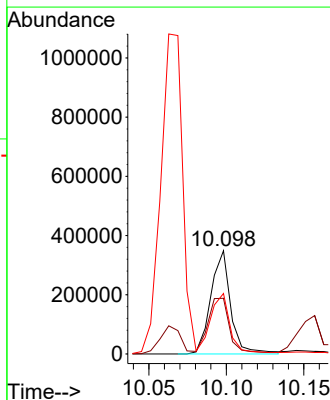
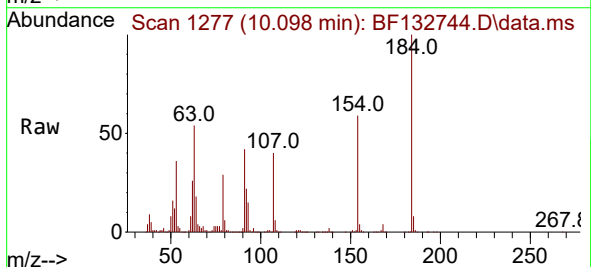
Manual Integrations
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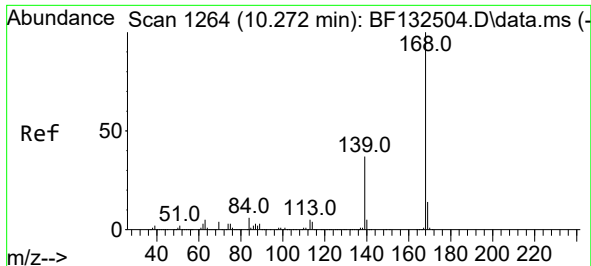
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#54
2,4-Dinitrophenol
Concen: 67.786 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

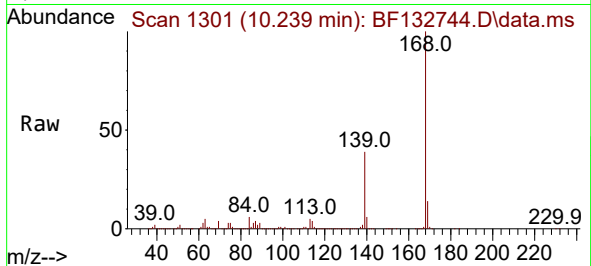
Tgt Ion:184 Resp: 312361
Ion Ratio Lower Upper
184 100
63 54.0 51.4 77.2
154 58.5 48.3 72.5





#55
Dibenzenofuran
Concen: 41.655 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

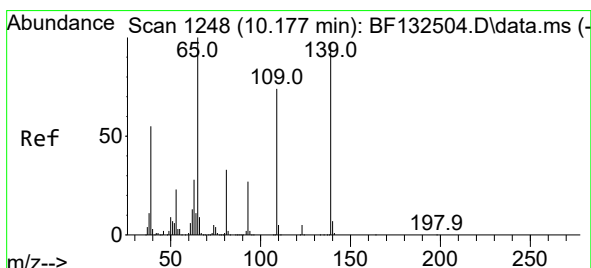
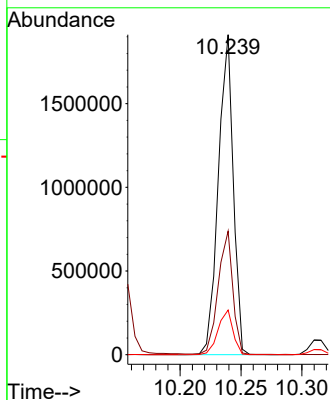
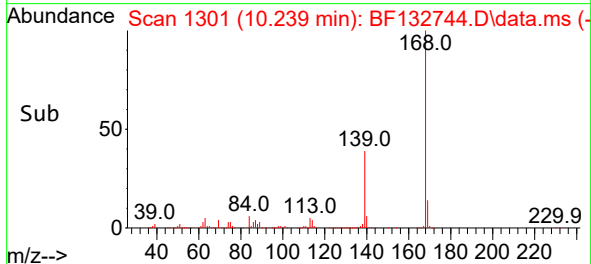
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:168 Resp: 163094
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.6
169 14.0 10.9 16.3

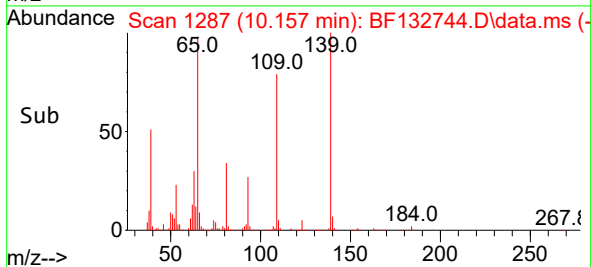
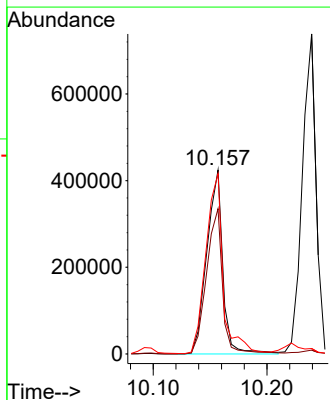
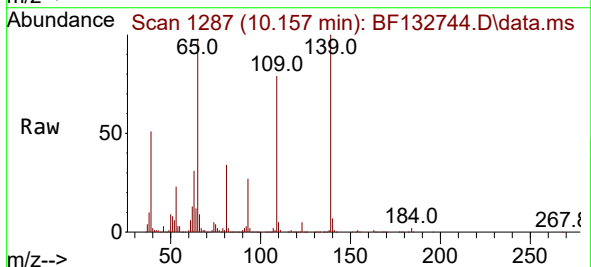
Manual Integrations
APPROVED

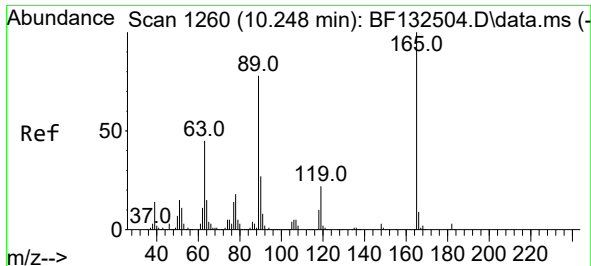
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#56
4-Nitrophenol
Concen: 67.930 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

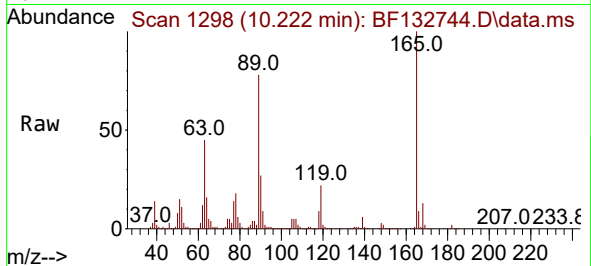
Tgt Ion:139 Resp: 416161
Ion Ratio Lower Upper
139 100
109 79.0 56.7 96.7
65 98.1 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 43.419 ng
RT: 10.222 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

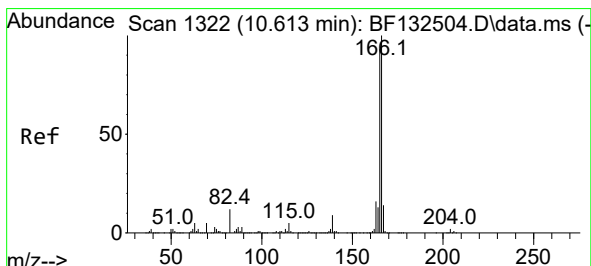
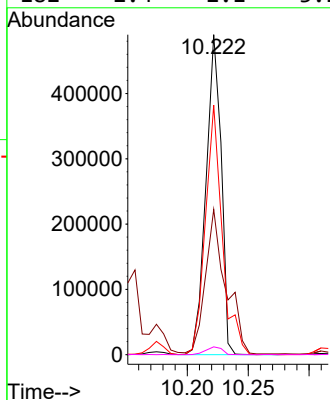
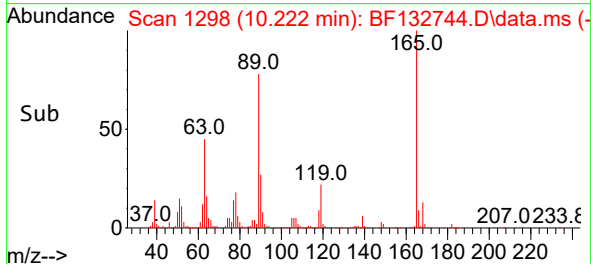
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:165 Resp: 424190
Ion Ratio Lower Upper
165 100
63 45.4 36.5 54.7
89 78.0 62.4 93.6
182 2.4 2.1 3.1

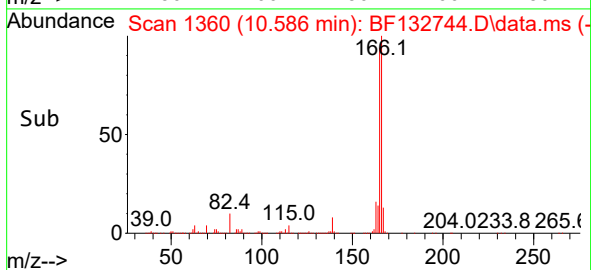
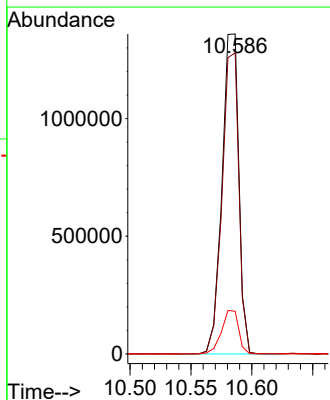
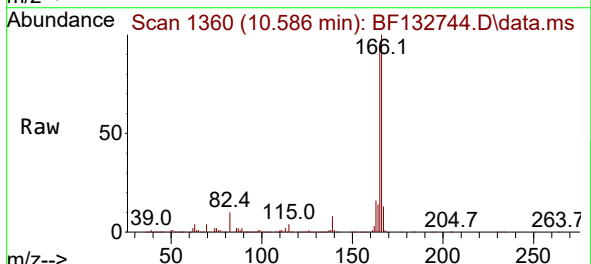
Manual Integrations
APPROVED

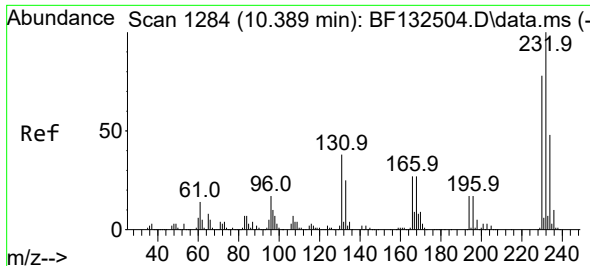
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#58
Fluorene
Concen: 43.787 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

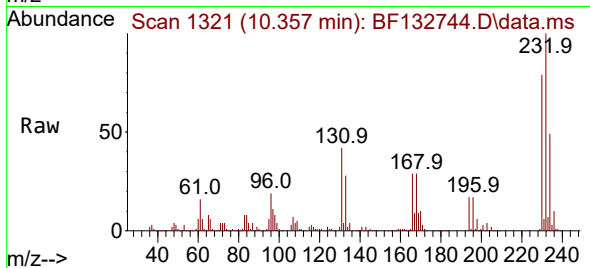
Tgt Ion:166 Resp: 1311370
Ion Ratio Lower Upper
166 100
165 94.1 74.2 111.4
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.491 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

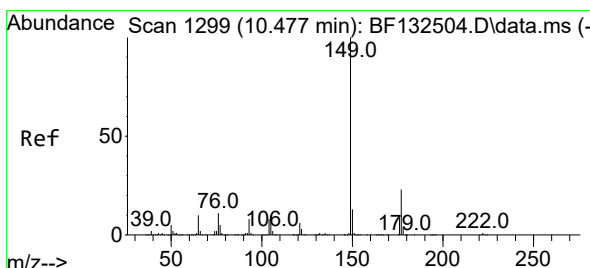
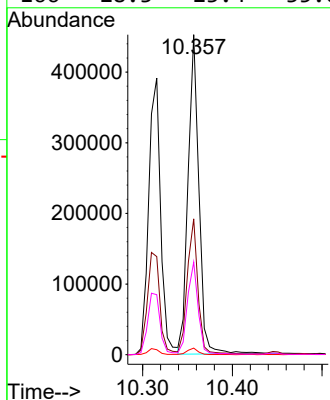
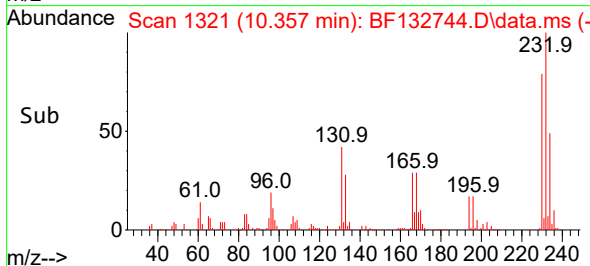
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



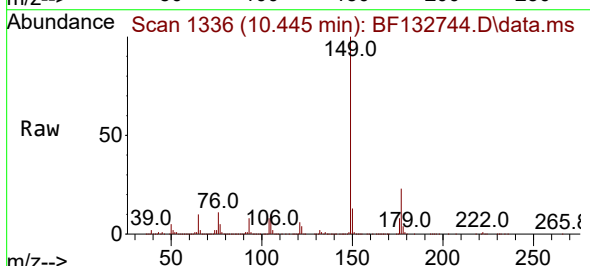
Tgt Ion:232 Resp: 378770
Ion Ratio Lower Upper
232 100
131 41.5 33.8 50.8
130 2.0 1.7 2.5
166 28.3 23.4 35.0

Manual Integrations
APPROVED

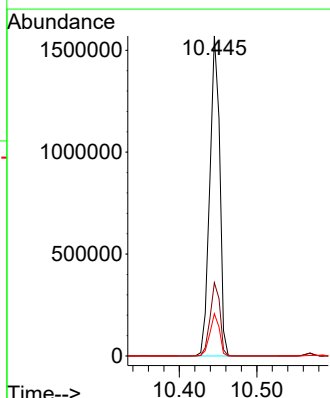
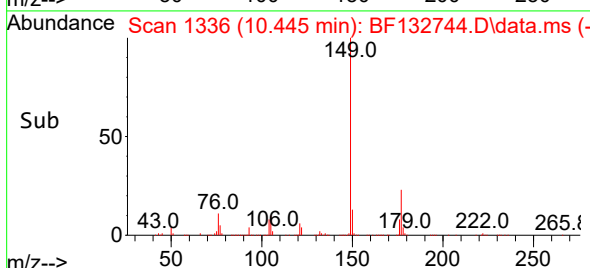
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

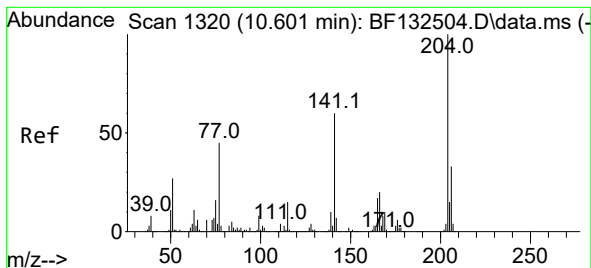


#60
Diethylphthalate
Concen: 44.308 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



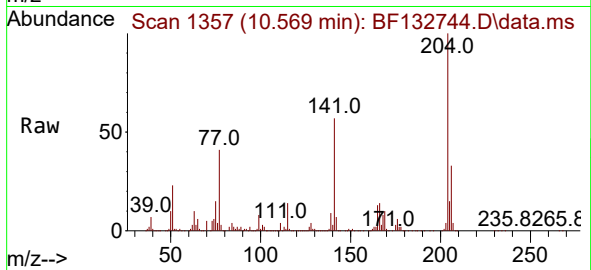
Tgt Ion:149 Resp: 1395377
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.668 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

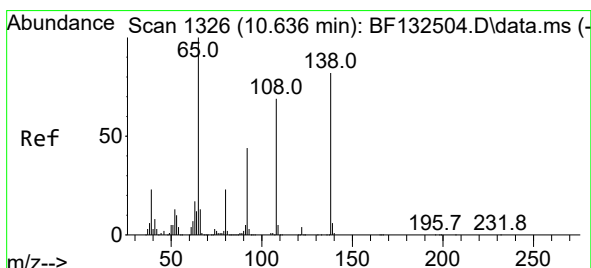
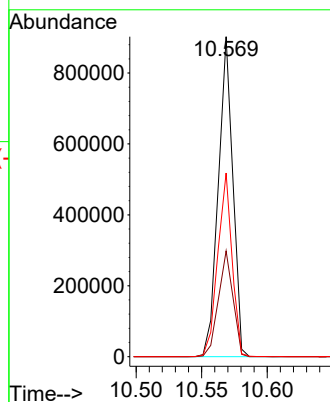
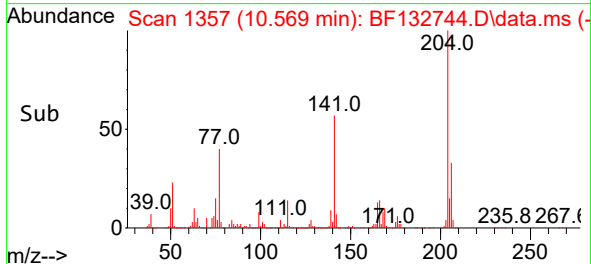
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:204 Resp: 69398
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 57.4 47.8 71.8

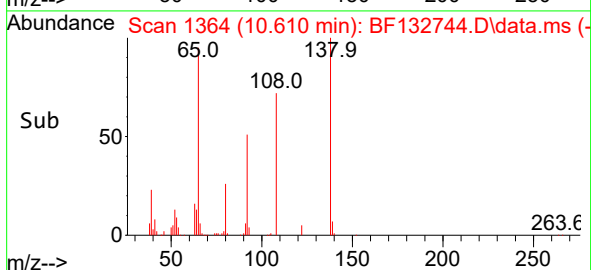
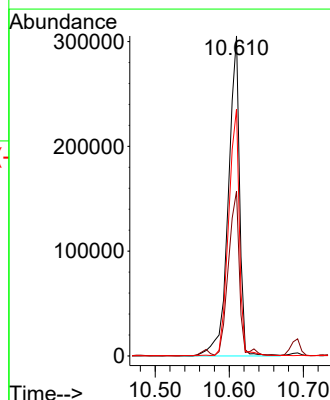
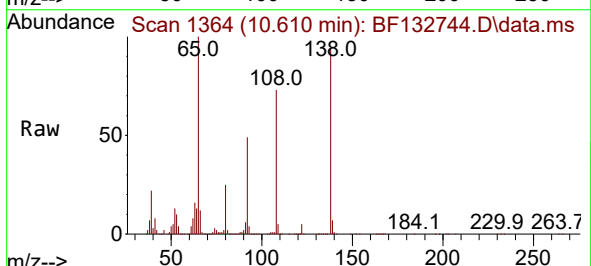
Manual Integrations
APPROVED

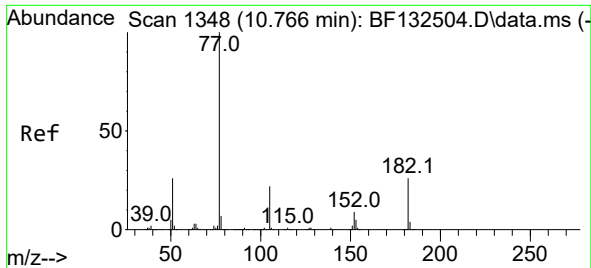
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#62
4-Nitroaniline
Concen: 39.826 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

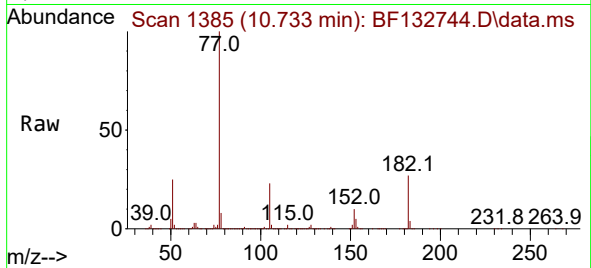
Tgt Ion:138 Resp: 321149
Ion Ratio Lower Upper
138 100
92 51.5 33.8 73.8
108 77.2 63.7 103.7





#63
Azobenzene
Concen: 47.529 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

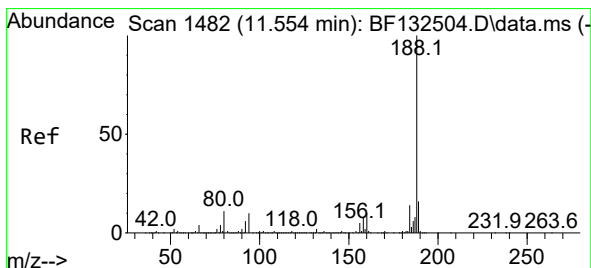
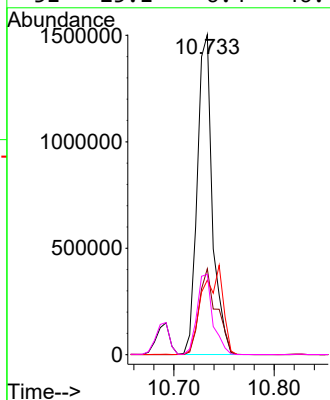
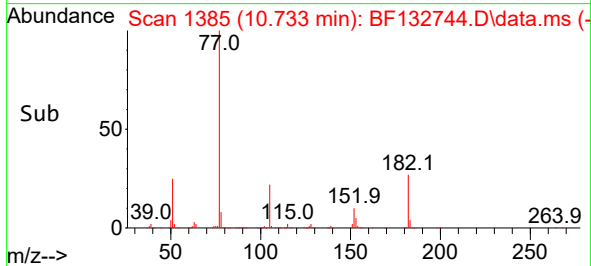
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion: 77 Resp: 1585224
Ion Ratio Lower Upper
77 100
182 26.9 5.5 45.5
105 23.3 1.8 41.8
51 25.1 6.4 46.4

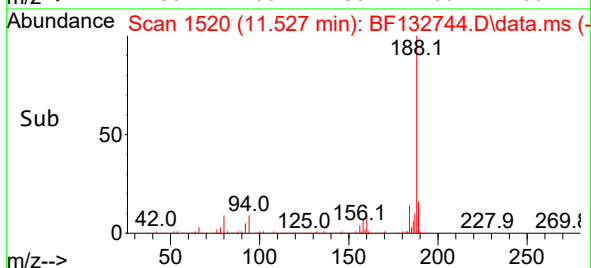
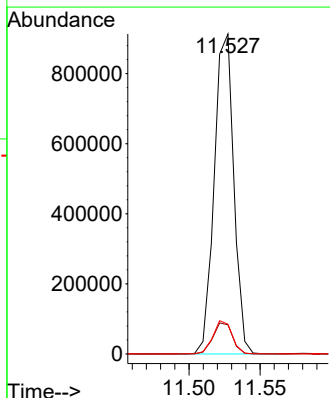
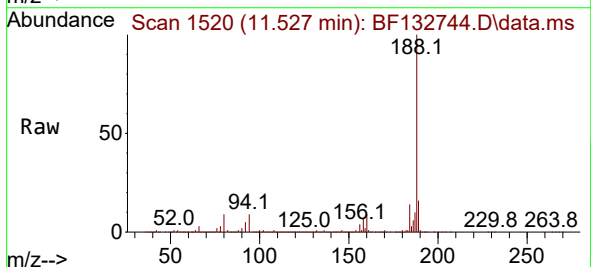
Manual Integrations
APPROVED

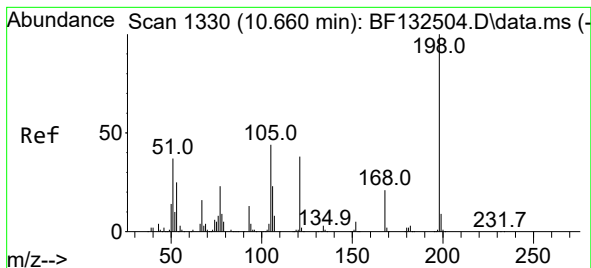
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:188 Resp: 874798
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.3 8.7 13.1





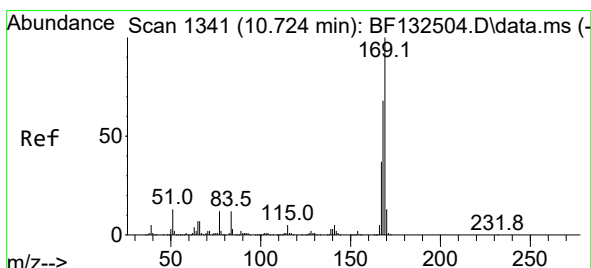
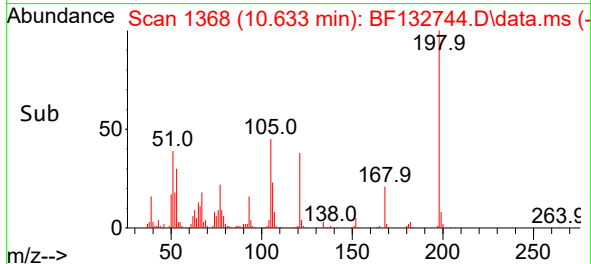
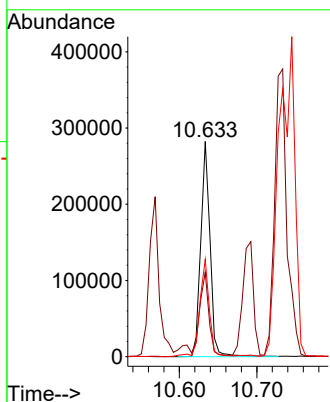
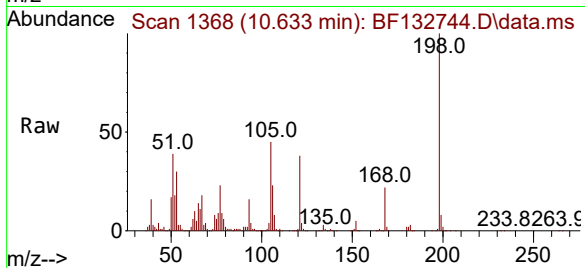
#65
4,6-Dinitro-2-methylphenol
Concen: 39.743 ng
RT: 10.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Tgt Ion:198 Resp: 235358
Ion Ratio Lower Upper
198 100
51 39.2 20.6 60.6
105 45.2 24.3 64.3

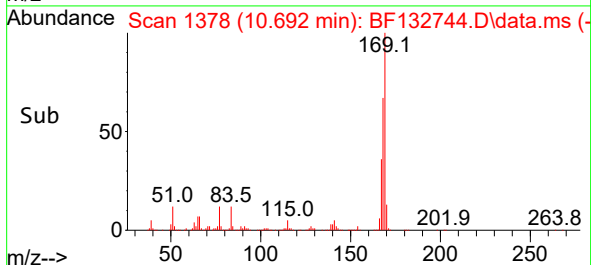
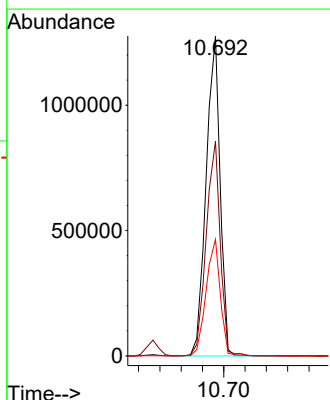
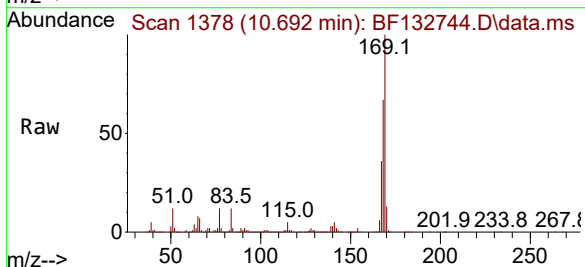
Manual Integrations
APPROVED

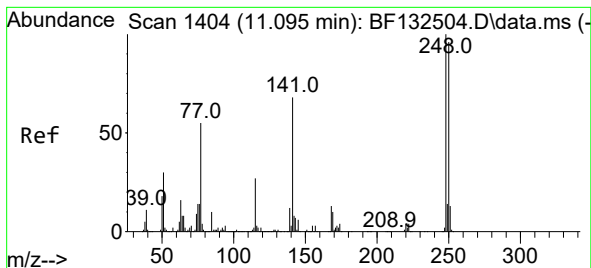
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#66
n-Nitrosodiphenylamine
Concen: 42.696 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:169 Resp: 1164416
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.4
167 36.4 29.6 44.4





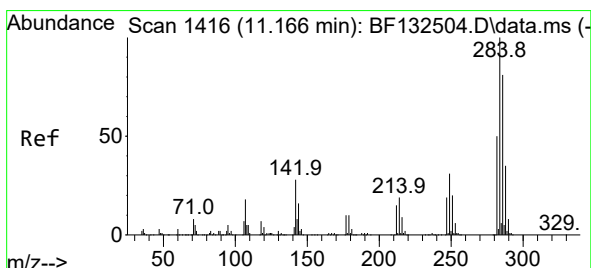
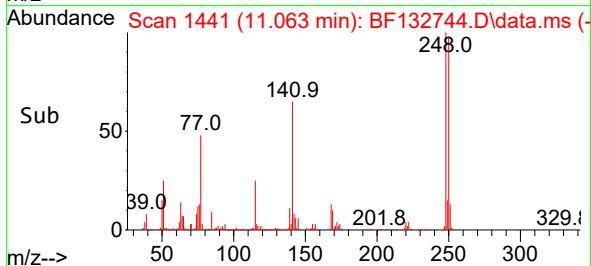
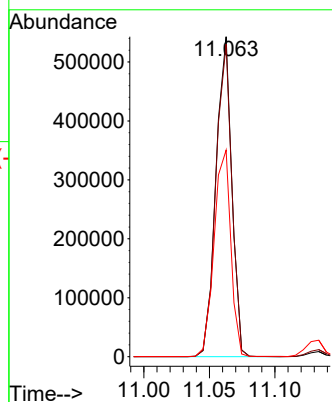
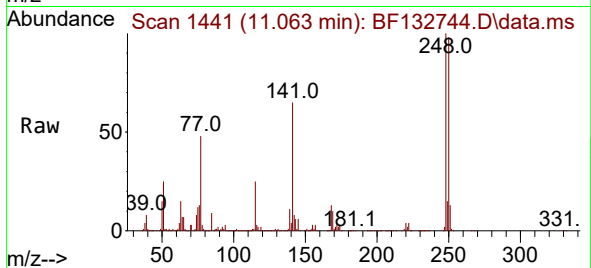
#67
4-Bromophenyl-phenylether
Concen: 46.142 ng
RT: 11.063 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Tgt Ion:248 Resp: 45659
Ion Ratio Lower Upper
248 100
250 97.7 77.0 115.4
141 64.6 54.2 81.2

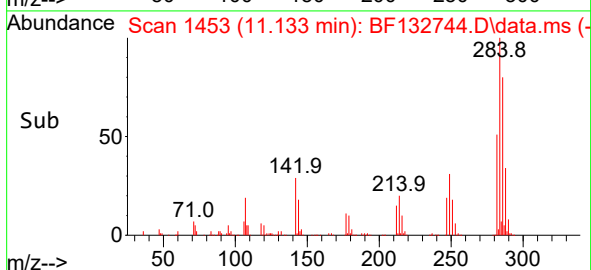
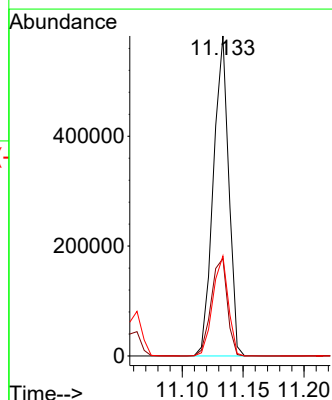
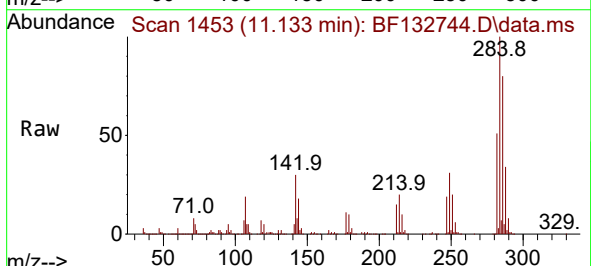
Manual Integrations
APPROVED

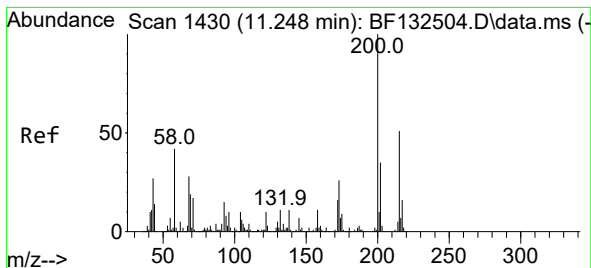
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#68
Hexachlorobenzene
Concen: 49.227 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Tgt Ion:284 Resp: 512566
Ion Ratio Lower Upper
284 100
142 30.5 22.2 33.4
249 31.2 24.9 37.3





#69

Atrazine

Concen: 49.702 ng

RT: 11.216 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF132744.D

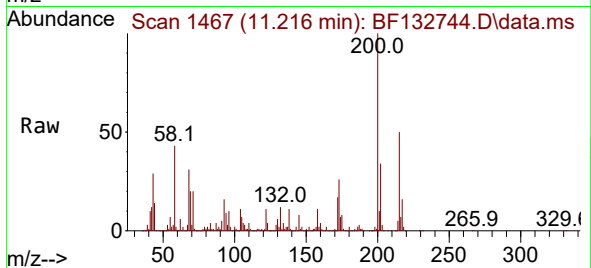
Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS



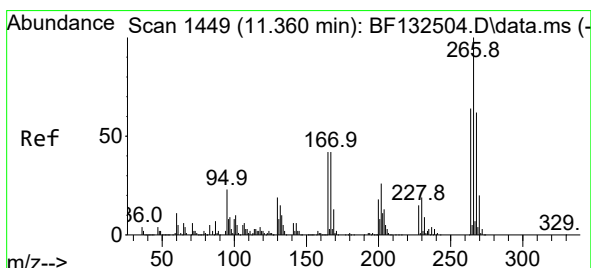
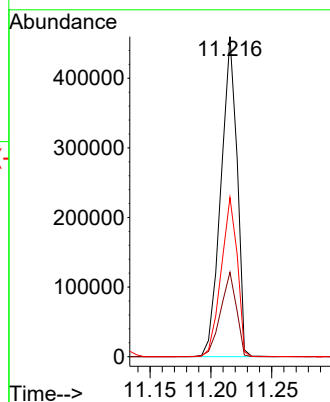
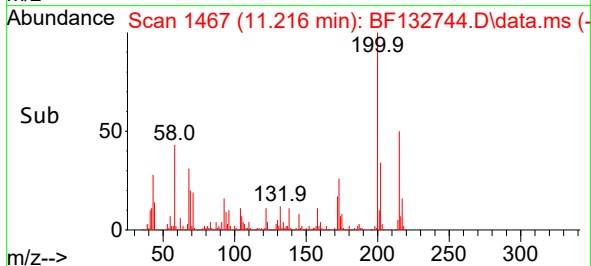
Tgt Ion:200 Resp: 423175

Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.4	46.4
215	49.7	31.0	71.0

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 70.758 ng

RT: 11.333 min Scan# 1487

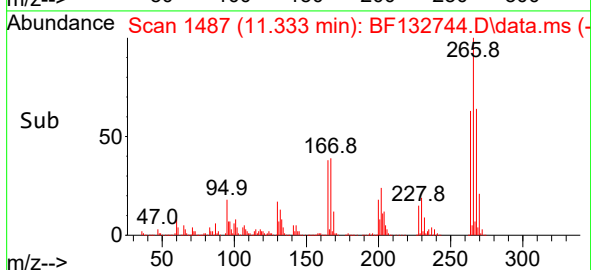
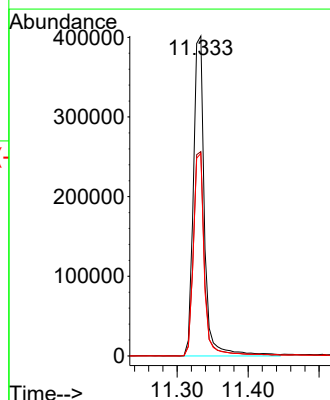
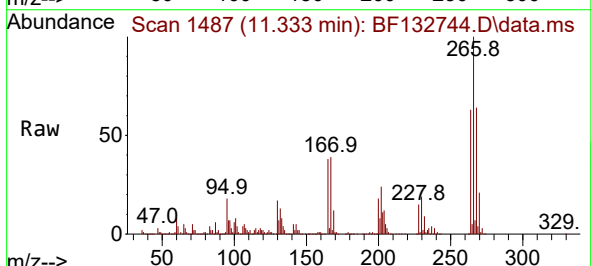
Delta R.T. 0.000 min

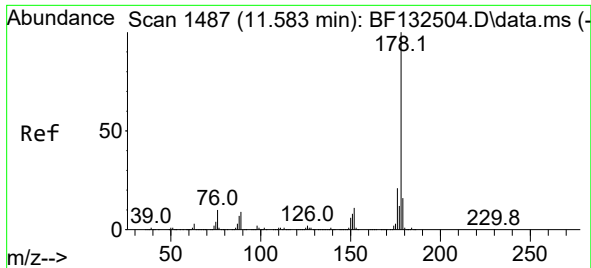
Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Tgt Ion:266 Resp: 438335

Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.8	74.6
264	63.3	50.9	76.3





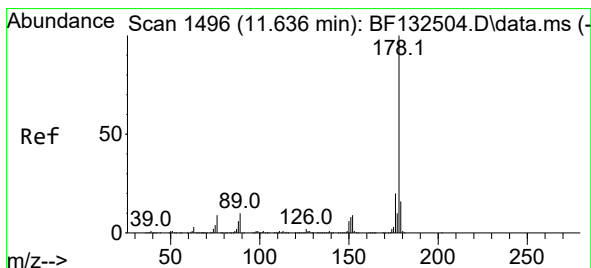
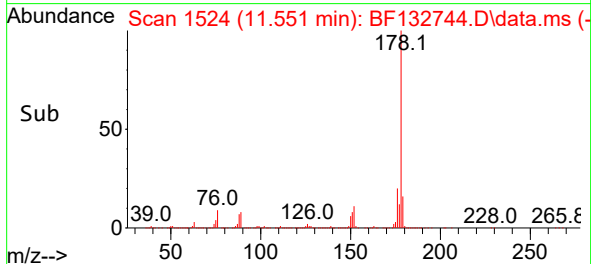
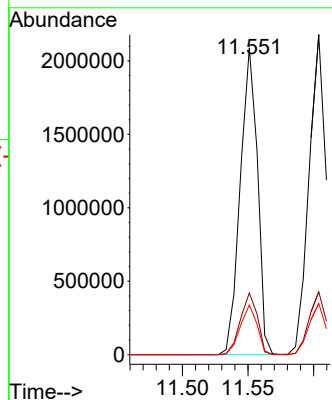
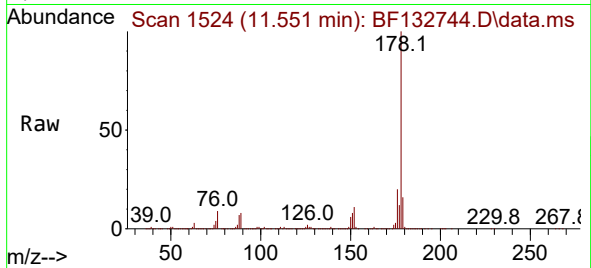
#71
Phenanthrene
Concen: 42.241 ng
RT: 11.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS

Tgt Ion:178 Resp: 1914309
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 16.2 13.0 19.6

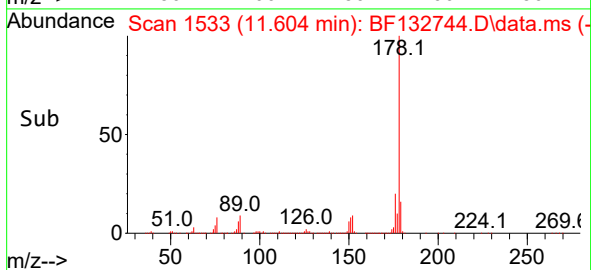
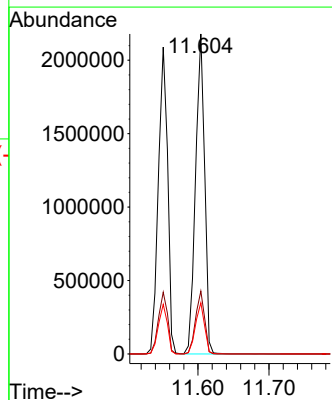
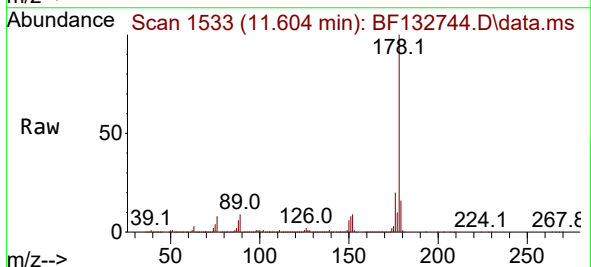
Manual Integrations
APPROVED

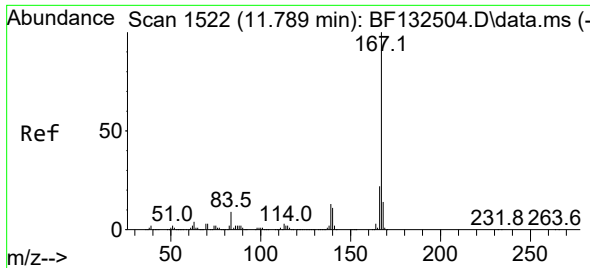
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#72
Anthracene
Concen: 41.772 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

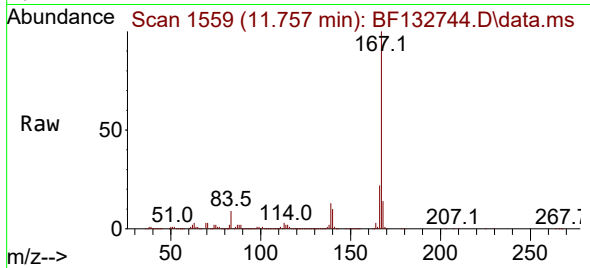
Tgt Ion:178 Resp: 1949409
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 39.671 ng
 RT: 11.757 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132744.D
 Acq: 10 Mar 2023 16:35

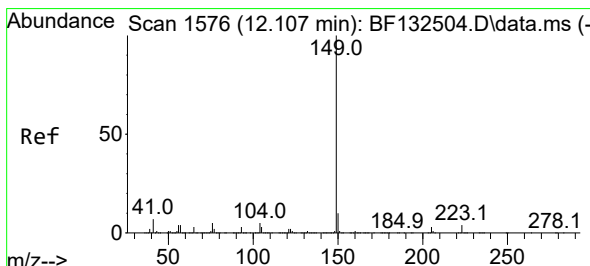
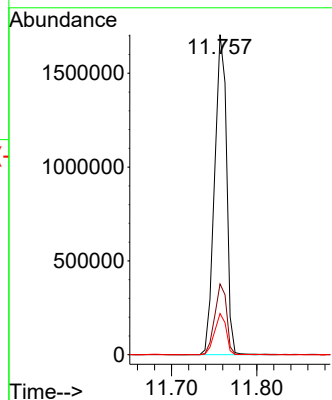
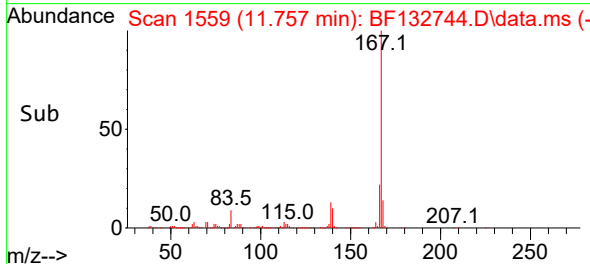
Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2MS



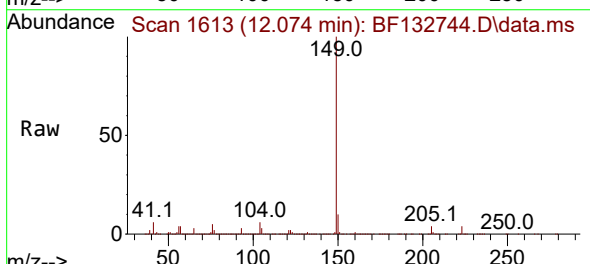
Tgt Ion:167 Resp: 1669208
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.8 10.5 15.7

Manual Integrations
 APPROVED

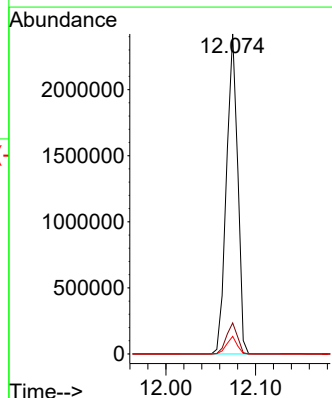
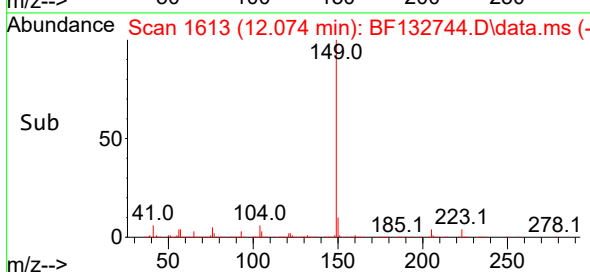
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

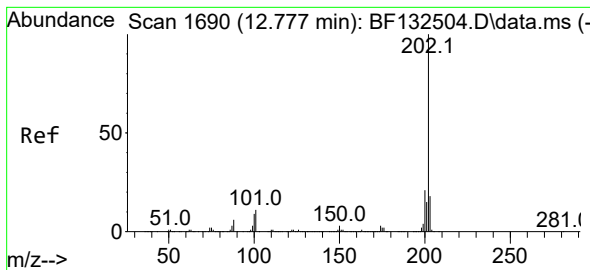


#74
 Di-n-butylphthalate
 Concen: 42.476 ng
 RT: 12.074 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF132744.D
 Acq: 10 Mar 2023 16:35



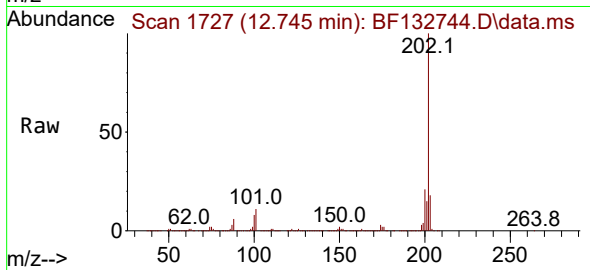
Tgt Ion:149 Resp: 2096455
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 35.533 ng
RT: 12.745 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

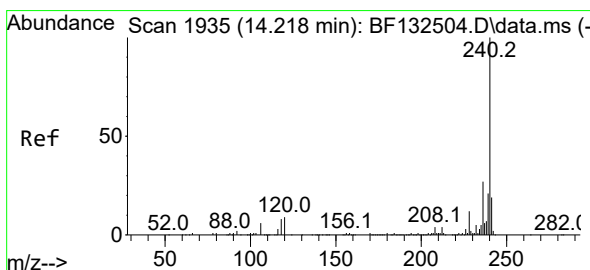
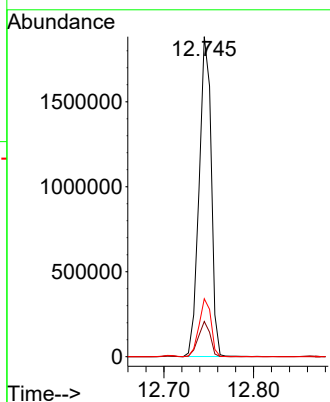
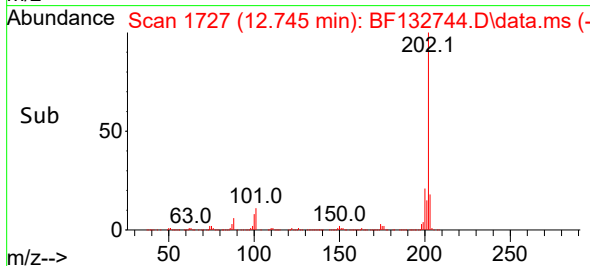
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



Tgt Ion:202 Resp: 1760380
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 18.1 0.0 38.0

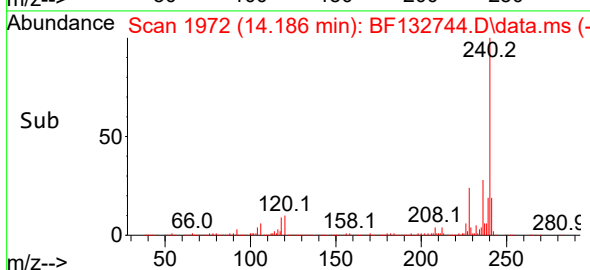
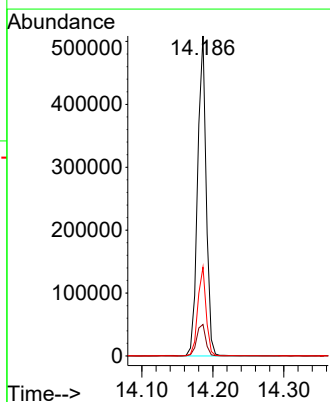
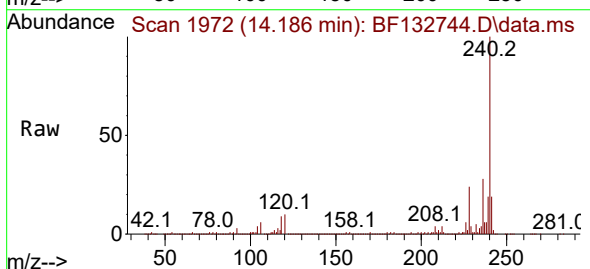
Manual Integrations
APPROVED

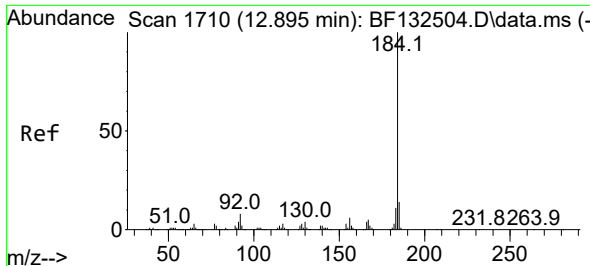
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

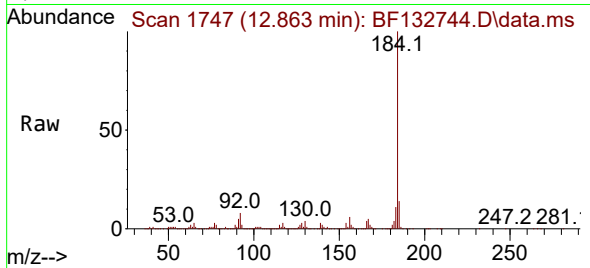
Tgt Ion:240 Resp: 429137
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 27.7 21.8 32.6





#77
Benzidine
Concen: 52.628 ng
RT: 12.863 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

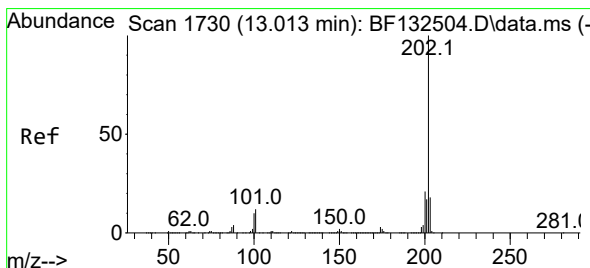
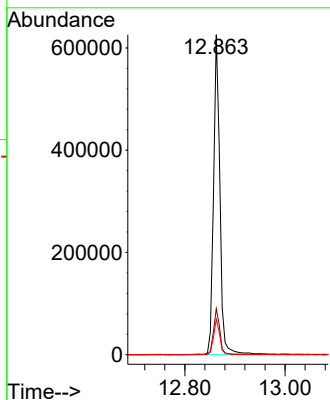
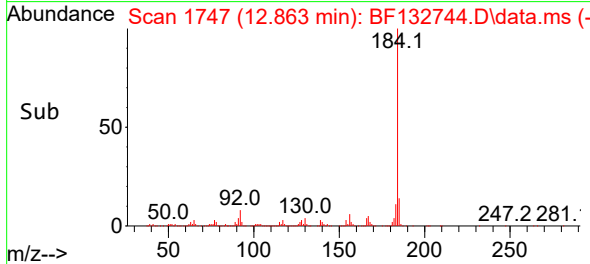
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



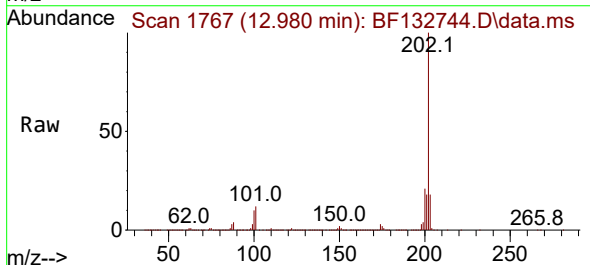
Tgt Ion:184 Resp: 549775
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.0 8.7 13.1

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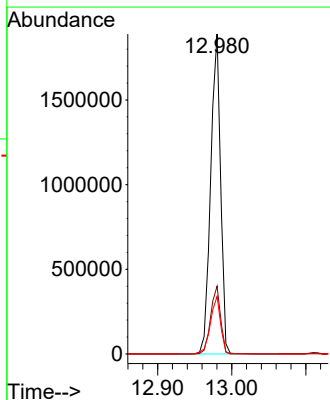
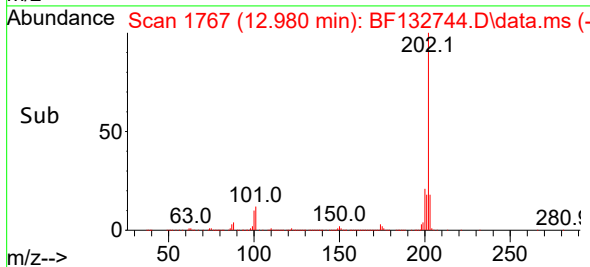
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

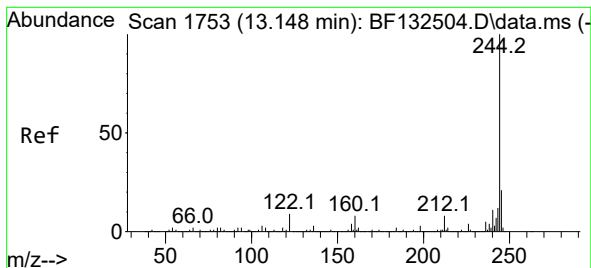


#78
Pyrene
Concen: 44.887 ng
RT: 12.980 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



Tgt Ion:202 Resp: 1751319
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 76.255 ng

RT: 13.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132744.D

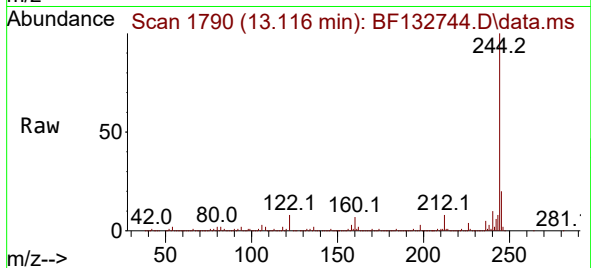
Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS



Tgt Ion:244 Resp: 1935470

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

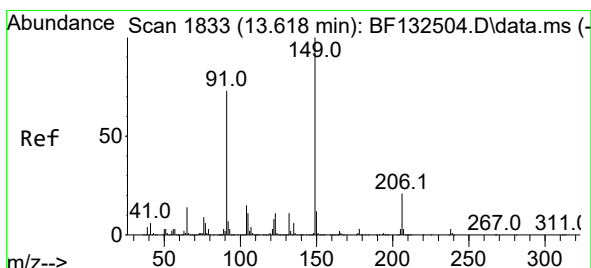
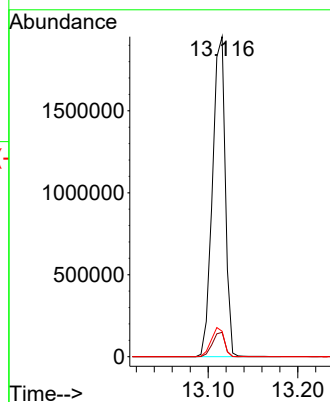
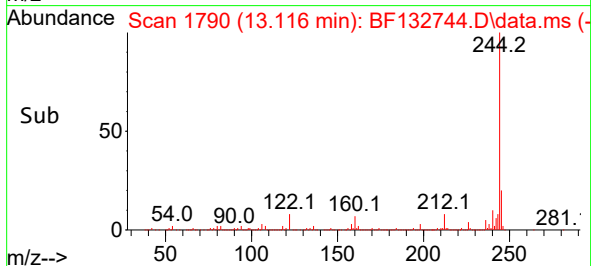
122 7.9 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#80

Butylbenzylphthalate

Concen: 47.865 ng

RT: 13.586 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

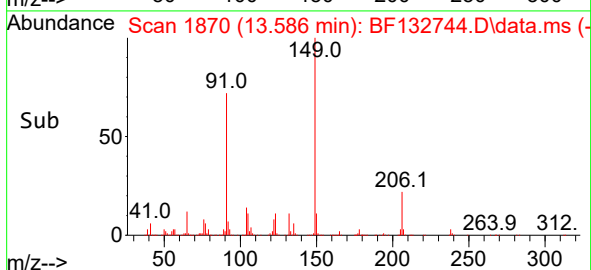
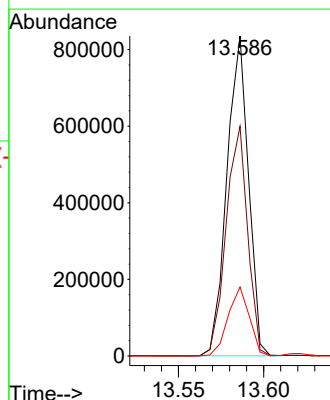
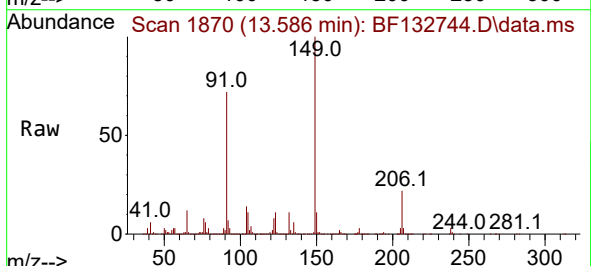
Tgt Ion:149 Resp: 736956

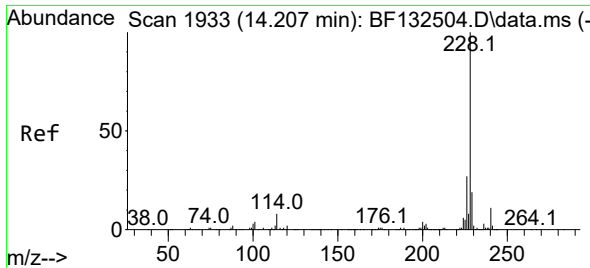
Ion Ratio Lower Upper

149 100

91 71.7 58.4 87.6

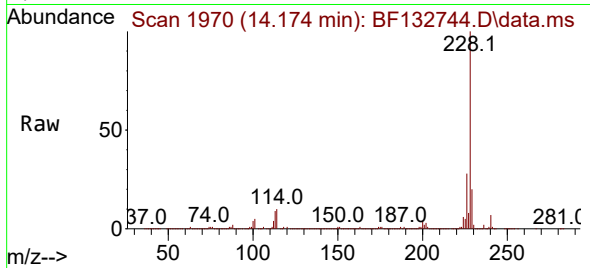
206 21.5 16.8 25.2





#81
Benzo(a)anthracene
Concen: 43.555 ng
RT: 14.174 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

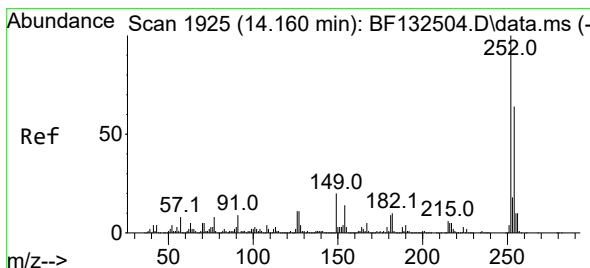
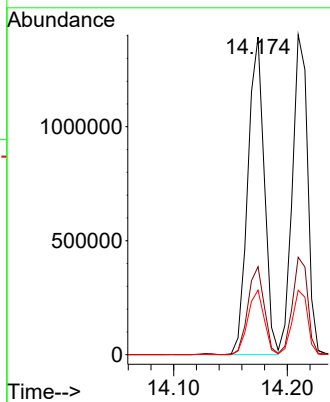
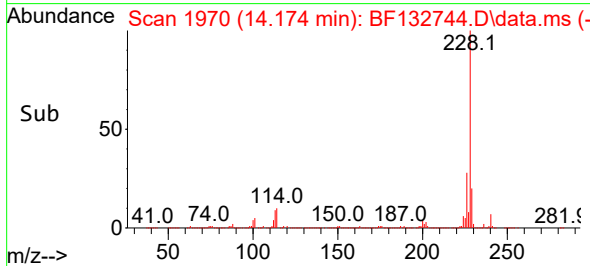
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



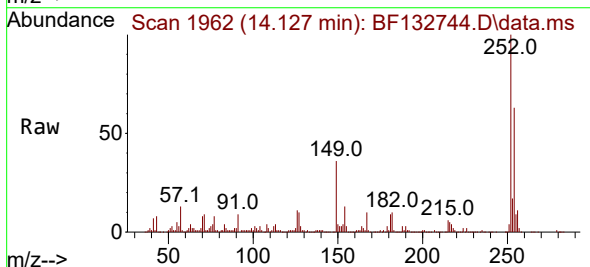
Tgt Ion:228 Resp: 1398529
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.3 15.4 23.2

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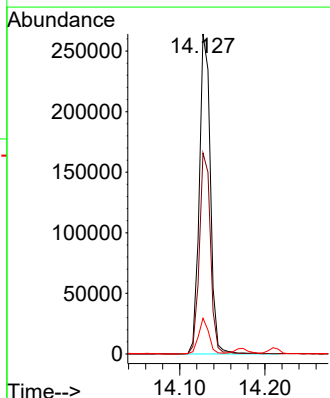
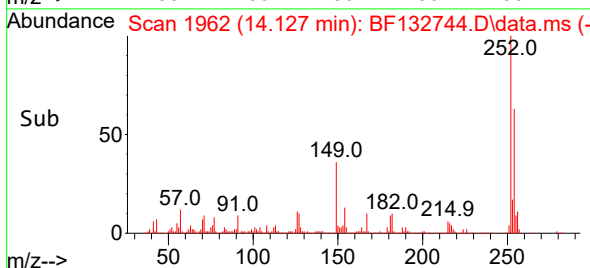
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

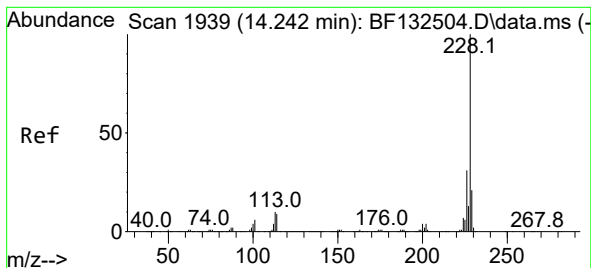


#82
3,3'-Dichlorobenzidine
Concen: 25.184 ng
RT: 14.127 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



Tgt Ion:252 Resp: 238397
Ion Ratio Lower Upper
252 100
254 62.8 51.4 77.2
126 11.1 8.9 13.3





#83

Chrysene

Concen: 43.631 ng

RT: 14.210 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BF132744.D

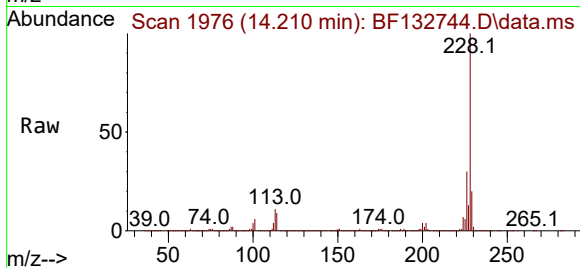
Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS



Tgt Ion:228 Resp: 1310049

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

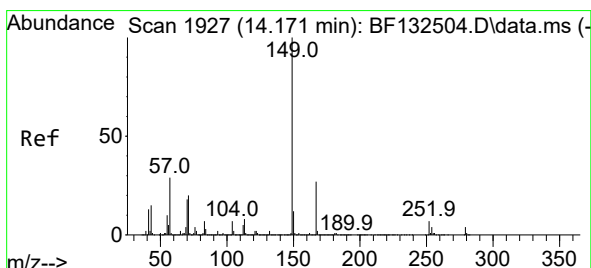
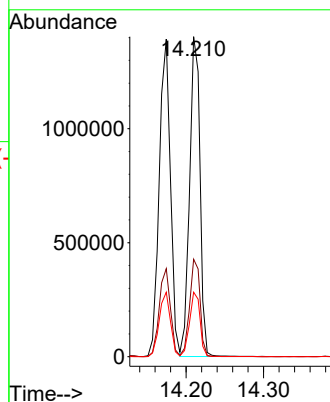
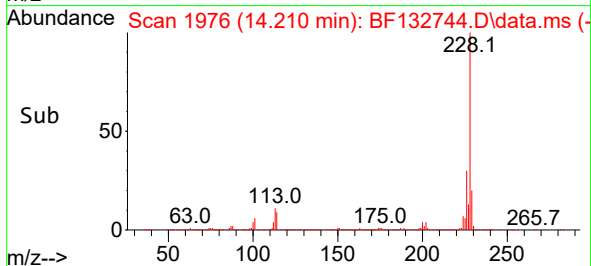
229 20.1 16.4 24.6

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: 50.764 ng

RT: 14.139 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

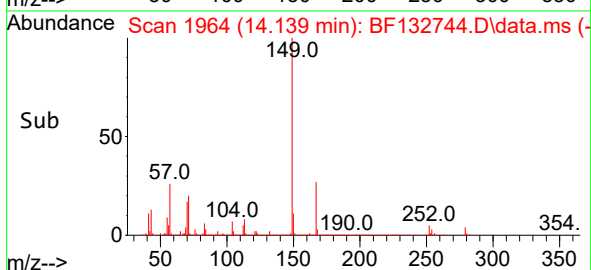
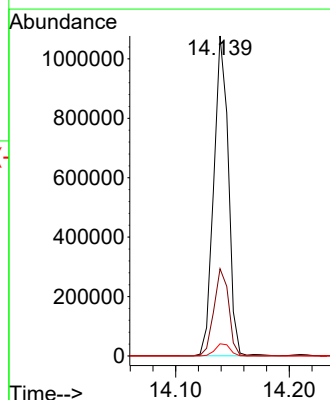
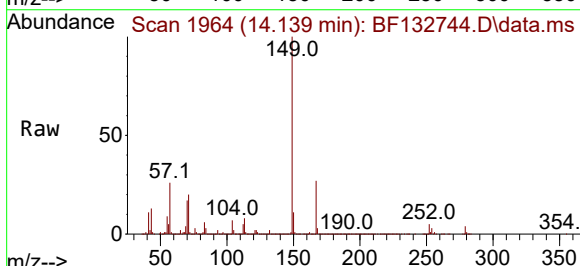
Tgt Ion:149 Resp: 960148

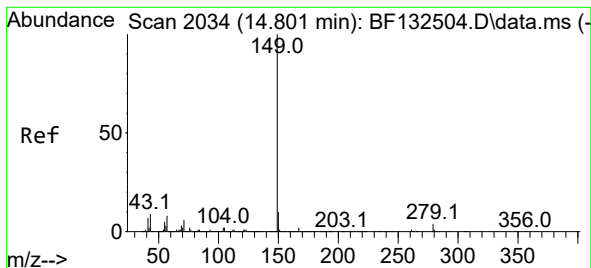
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 56.825 ng

RT: 14.763 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132744.D

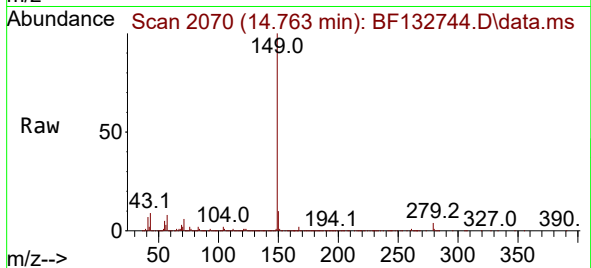
Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS



Tgt Ion:149 Resp: 157058

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

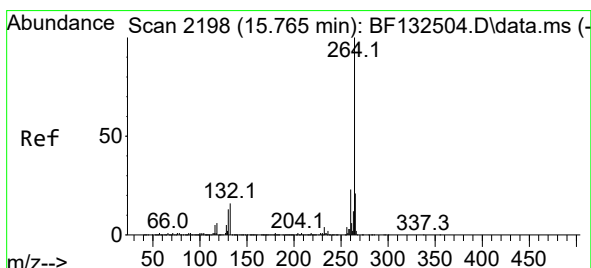
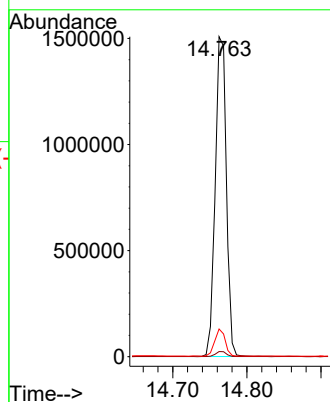
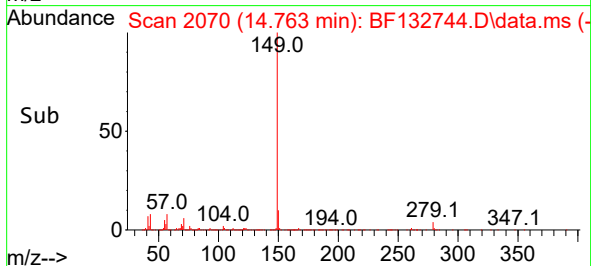
43 8.0 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

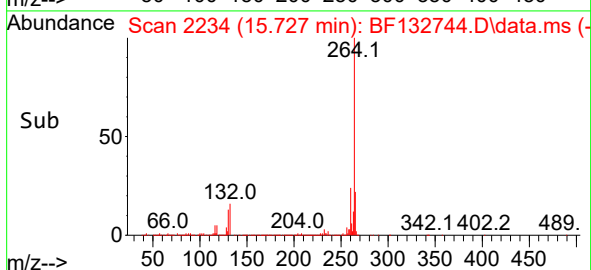
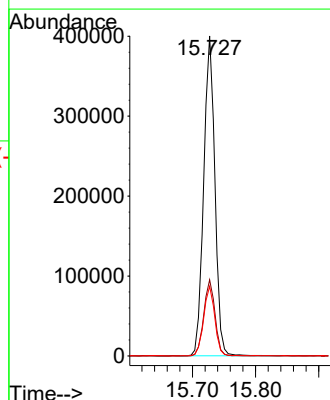
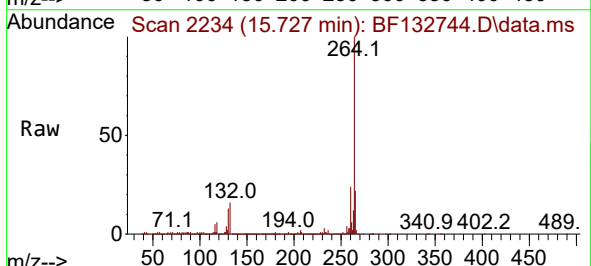
Tgt Ion:264 Resp: 492554

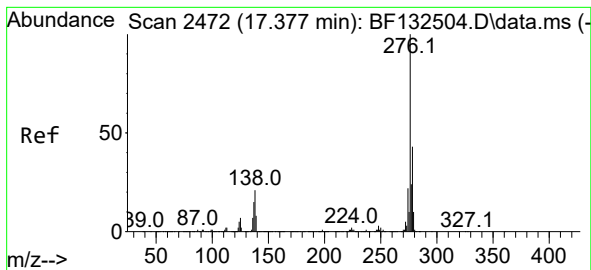
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.465 ng

RT: 17.327 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MS

Tgt Ion:276 Resp: 166100

Ion Ratio Lower Upper

276 100

138 23.2 19.0 28.4

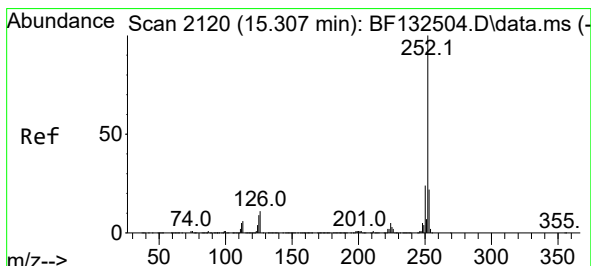
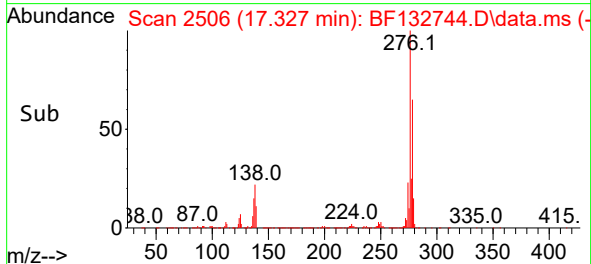
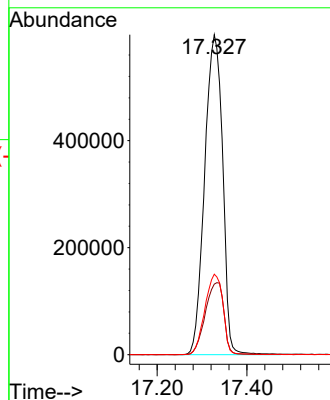
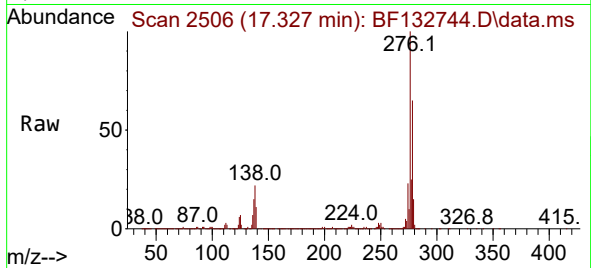
277 25.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#88

Benzo(b)fluoranthene

Concen: 41.603 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132744.D

Acq: 10 Mar 2023 16:35

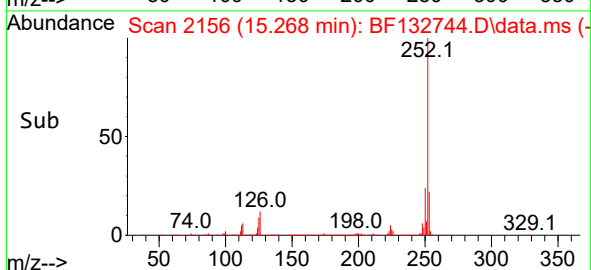
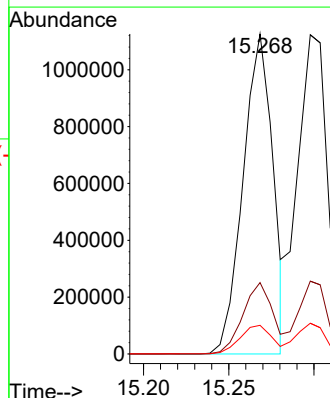
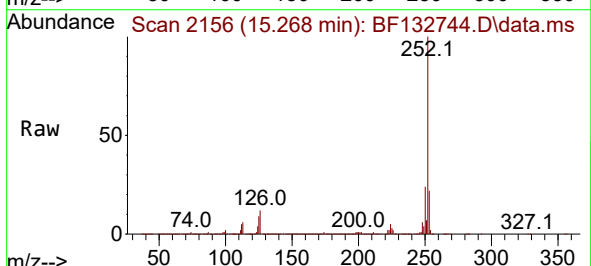
Tgt Ion:252 Resp: 1373253

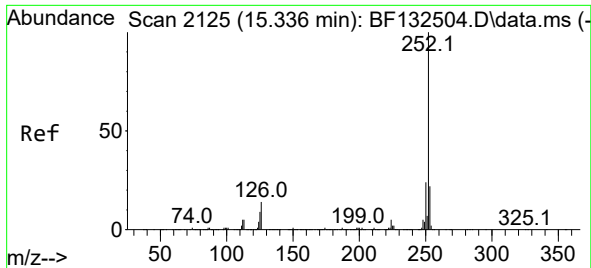
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

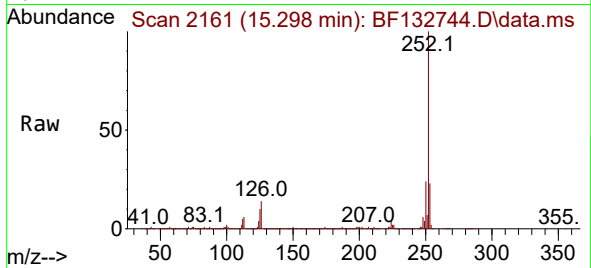
125 9.0 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 42.368 ng
RT: 15.298 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

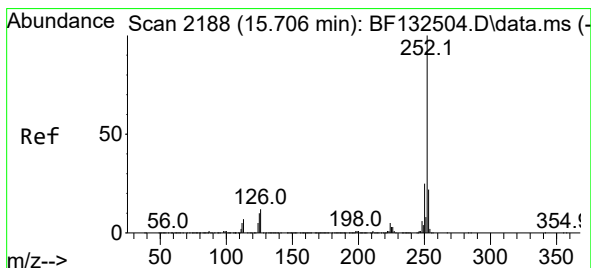
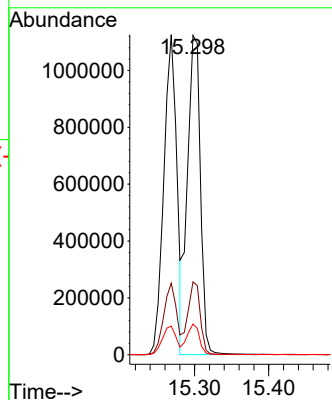
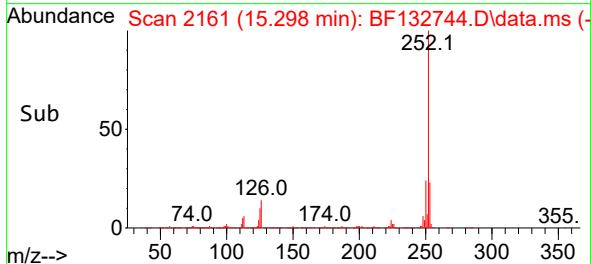
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



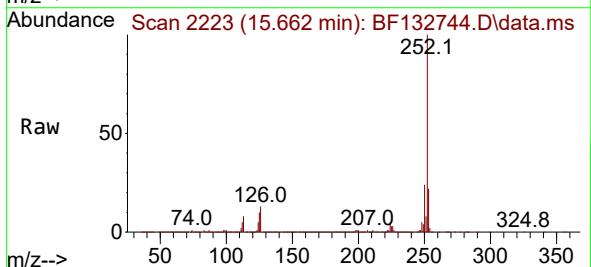
Tgt Ion:252 Resp: 1368715
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.6 7.2 10.8

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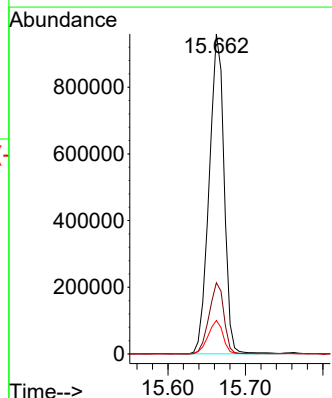
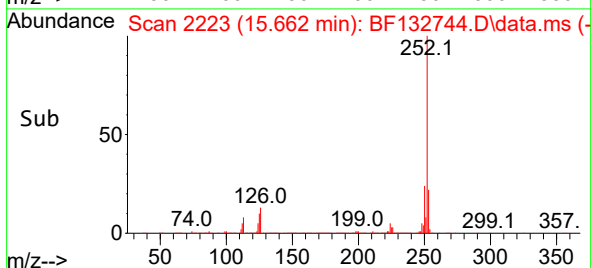
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

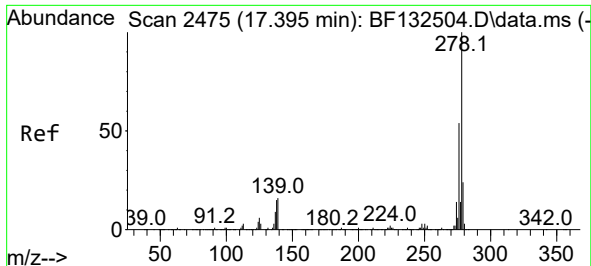


#90
Benzo(a)pyrene
Concen: 41.524 ng
RT: 15.662 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



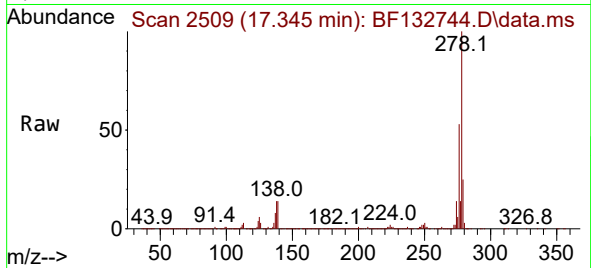
Tgt Ion:252 Resp: 1282802
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.5 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 51.701 ng
RT: 17.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35

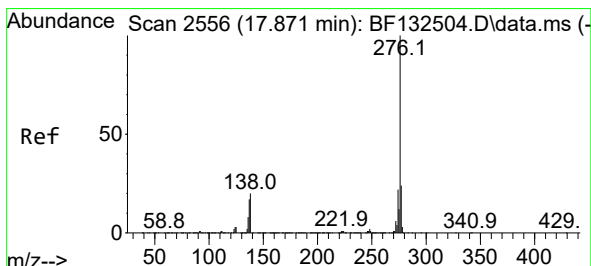
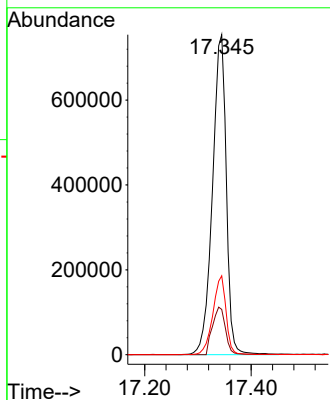
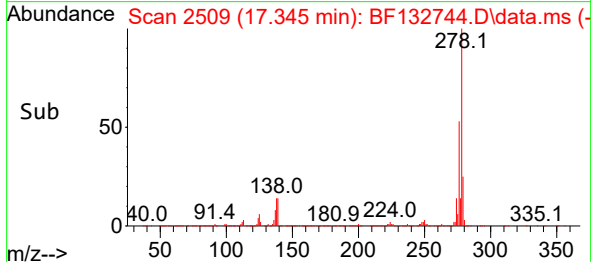
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MS



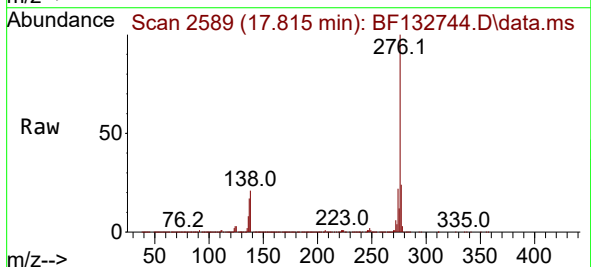
Tgt Ion:278 Resp: 1359530
Ion Ratio Lower Upper
278 100
139 14.2 13.0 19.4
279 24.6 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.801 ng
RT: 17.815 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF132744.D
Acq: 10 Mar 2023 16:35



Tgt Ion:276 Resp: 1389555
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 20.7 16.2 24.4

