

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132757.D
 Acq On : 13 Mar 2023 13:04
 Operator : CG\JU
 Sample : PB151350BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151350BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 01:29:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	235673	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	831261	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	427447	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	789011	20.000	ng	0.00
76) Chrysene-d12	14.168	240	497292	20.000	ng	0.00
86) Perylene-d12	15.704	264	477532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1358365	93.544	ng	0.02
7) Phenol-d6	6.610	99	1776713	93.751	ng	0.00
23) Nitrobenzene-d5	7.539	82	1156060	65.982	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	468176	101.419	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1894719	67.494	ng	0.00
79) Terphenyl-d14	13.098	244	2058599	69.990	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.928	88	323074	40.221	ng	96
3) Pyridine	3.681	79	823248	38.611	ng	92
4) n-Nitrosodimethylamine	3.651	42	313377	38.911	ng	84
6) Aniline	6.639	93	895356	35.107	ng	96
8) 2-Chlorophenol	6.763	128	683472	45.350	ng	98
9) Benzaldehyde	6.522	77	363873	35.583	ng	99
10) Phenol	6.628	94	911506	41.952	ng	94
11) bis(2-Chloroethyl)ether	6.710	93	753613	44.930	ng	94
12) 1,3-Dichlorobenzene	6.916	146	754101	46.627	ng	97
13) 1,4-Dichlorobenzene	6.992	146	751000	46.504	ng	99
14) 1,2-Dichlorobenzene	7.145	146	687191	44.339	ng	98
15) Benzyl Alcohol	7.116	79	621588	42.588	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.245	45	916818	42.864	ng	96
17) 2-Methylphenol	7.228	107	586386	41.690	ng	97
18) Hexachloroethane	7.481	117	299409	47.456	ng	99
19) n-Nitroso-di-n-propyla...	7.386	70	456995	39.182	ng	94
20) 3+4-Methylphenols	7.381	107	637959	35.107	ng	99
22) Acetophenone	7.381	105	894884	42.693	ng	95
24) Nitrobenzene	7.563	77	809537	43.203	ng	99
25) Isophorone	7.798	82	1514330	45.081	ng	99
26) 2-Nitrophenol	7.875	139	397759	48.111	ng	97
27) 2,4-Dimethylphenol	7.910	122	606074	46.447	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	915628	46.596	ng	100
29) 2,4-Dichlorophenol	8.122	162	601431	46.335	ng	99
30) 1,2,4-Trichlorobenzene	8.198	180	678812	48.161	ng	99
31) Naphthalene	8.281	128	1867255	43.878	ng	99
32) Benzoic acid	8.045	122	427833m	42.118	ng	
33) 4-Chloroaniline	8.328	127	343893	18.858	ng	94
34) Hexachlorobutadiene	8.392	225	431599	48.189	ng	99
35) Caprolactam	8.716	113	198675m	46.428	ng	
36) 4-Chloro-3-methylphenol	8.816	107	644225	45.193	ng	95
37) 2-Methylnaphthalene	8.975	142	1242474	42.843	ng	100
38) 1-Methylnaphthalene	9.075	142	1147157	42.326	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	679026	48.554	ng	100
41) Hexachlorocyclopentadiene	9.122	237	772163	101.796	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	444670	46.918	ng	98

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Quant Time: Mar 14 01:29:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

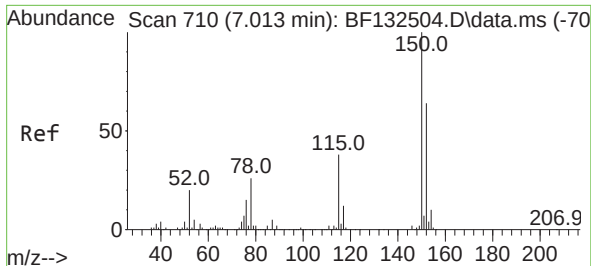
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	471130	42.591	ng	99
46) 1,1'-Biphenyl	9.439	154	1475983	45.621	ng	98
47) 2-Chloronaphthalene	9.463	162	1201008	46.822	ng	100
48) 2-Nitroaniline	9.563	65	382024	40.438	ng	92
49) Acenaphthylene	9.880	152	1759731	43.106	ng	99
50) Dimethylphthalate	9.733	163	1408251	45.247	ng	100
51) 2,6-Dinitrotoluene	9.804	165	313721	44.261	ng	92
52) Acenaphthene	10.057	154	1215625m	46.894	ng	
53) 3-Nitroaniline	9.975	138	223212	28.152	ng	98
54) 2,4-Dinitrophenol	10.086	184	335884	75.309	ng	99
55) Dibenzofuran	10.227	168	1607496	42.537	ng	99
56) 4-Nitrophenol	10.145	139	421436	71.272	ng	95
57) 2,4-Dinitrotoluene	10.210	165	407465	43.211	ng	99
58) Fluorene	10.569	166	1251997	43.312	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	371711	45.237	ng	98
60) Diethylphthalate	10.433	149	1330688	43.777	ng	99
61) 4-Chlorophenyl-phenyle...	10.557	204	672391	44.839	ng	96
62) 4-Nitroaniline	10.598	138	312456	40.146	ng	95
63) Azobenzene	10.722	77	1352393	42.010	ng	97
65) 4,6-Dinitro-2-methylph...	10.622	198	235304	44.054	ng	98
66) n-Nitrosodiphenylamine	10.680	169	1095927	44.554	ng	99
67) 4-Bromophenyl-phenylether	11.051	248	425866	47.716	ng	97
68) Hexachlorobenzene	11.122	284	473373	50.406	ng	97
69) Atrazine	11.204	200	390059	50.794	ng	99
70) Pentachlorophenol	11.322	266	420198	75.205	ng	98
71) Phenanthrene	11.539	178	1798358	43.997	ng	99
72) Anthracene	11.592	178	1840028	43.715	ng	99
73) Carbazole	11.745	167	1610937	42.449	ng	100
74) Di-n-butylphthalate	12.063	149	2049671	46.044	ng	99
75) Fluoranthene	12.733	202	1919597	42.959	ng	98
77) Benzidine	12.851	184	876734	72.424	ng	99
78) Pyrene	12.968	202	1925054	42.578	ng	100
80) Butylbenzylphthalate	13.568	149	854838	47.912	ng	100
81) Benzo(a)anthracene	14.157	228	1680936	45.176	ng	98
82) 3,3'-Dichlorobenzidine	14.115	252	321667	29.323	ng	# 98
83) Chrysene	14.198	228	1567812	45.059	ng	99
84) Bis(2-ethylhexyl)phtha...	14.121	149	1152029	52.562	ng	99
85) Di-n-octyl phthalate	14.745	149	1900944	59.352	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1441121	46.057	ng	99
88) Benzo(b)fluoranthene	15.245	252	1561454	48.793	ng	97
89) Benzo(k)fluoranthene	15.280	252	1352918	43.197	ng	99
90) Benzo(a)pyrene	15.639	252	1292623	43.158	ng	100
91) Dibenzo(a,h)anthracene	17.303	278	1175115	46.094	ng	97
92) Benzo(g,h,i)perylene	17.774	276	1186915	41.425	ng	99

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

Manual Integrations

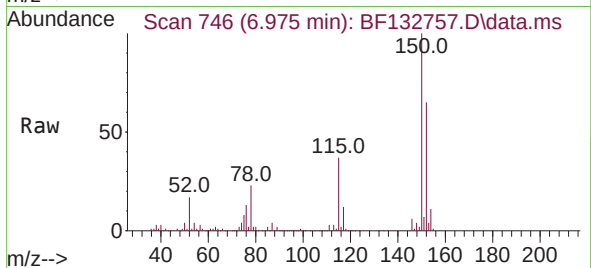
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

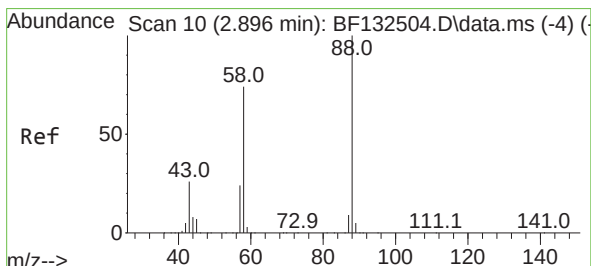
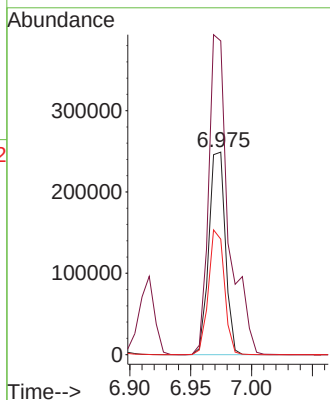
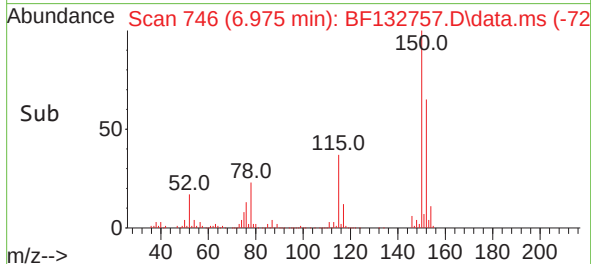
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:152 Resp: 235673
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 57.0 47.8 71.6

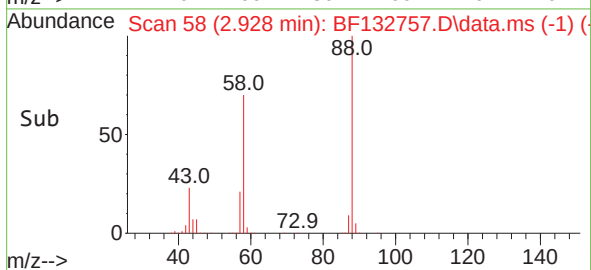
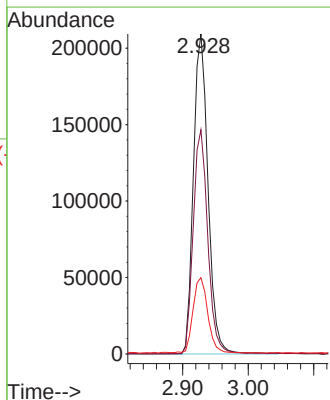
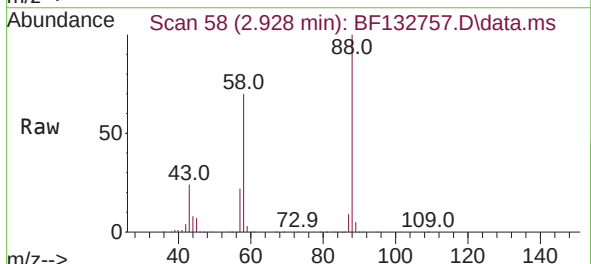
Manual Integrations
APPROVED

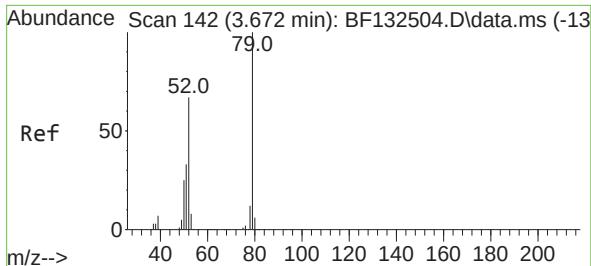
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#2
1,4-Dioxane
Concen: 40.221 ng
RT: 2.928 min Scan# 58
Delta R.T. 0.106 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

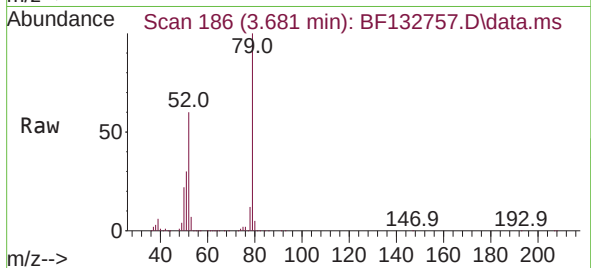
Tgt Ion: 88 Resp: 323074
Ion Ratio Lower Upper
88 100
58 69.9 58.3 87.5
43 23.8 20.7 31.1





#3
Pyridine
Concen: 38.611 ng
RT: 3.681 min Scan# 181
Delta R.T. 0.076 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

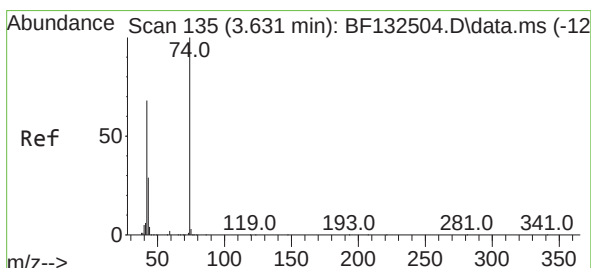
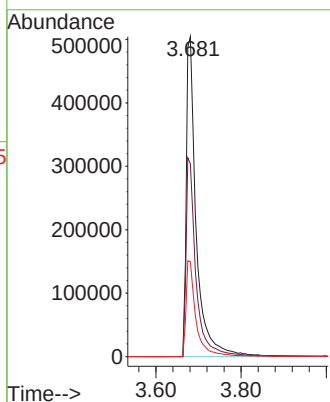
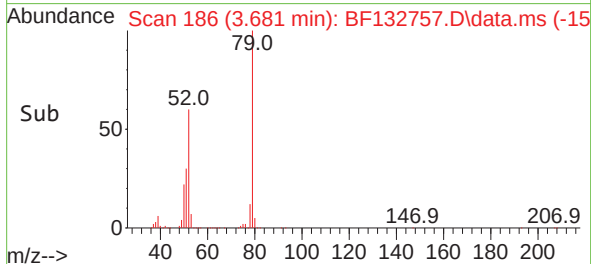
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



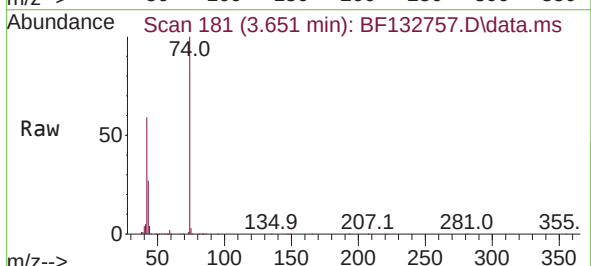
Tgt Ion: 79 Resp: 823248
Ion Ratio Lower Upper
79 100
52 60.3 53.7 80.5
51 29.7 26.6 40.0

Manual Integrations
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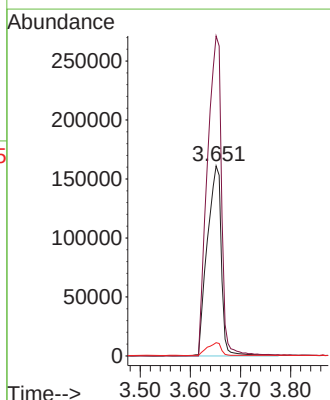
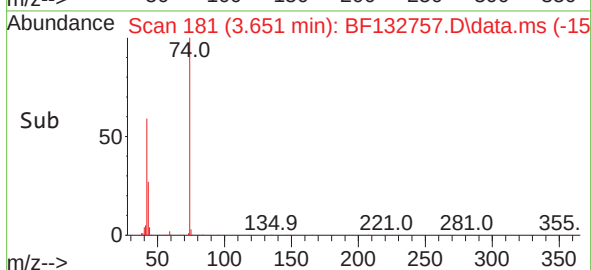
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

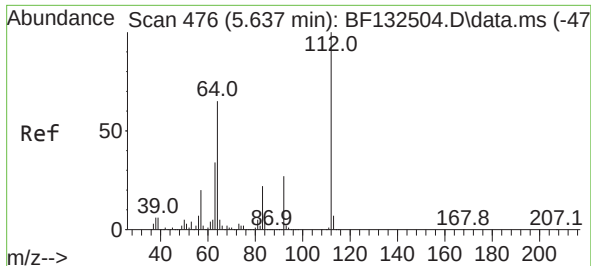


#4
n-Nitrosodimethylamine
Concen: 38.911 ng
RT: 3.651 min Scan# 181
Delta R.T. 0.076 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



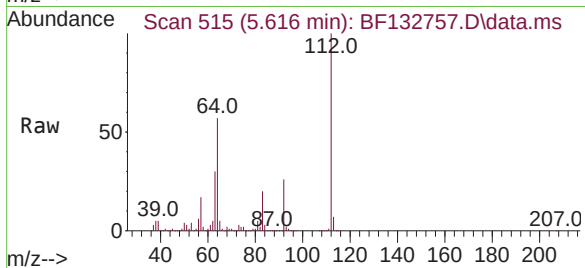
Tgt Ion: 42 Resp: 313377
Ion Ratio Lower Upper
42 100
74 168.5 118.2 177.2
44 6.9 5.3 7.9





#5
2-Fluorophenol
Concen: 93.544 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.018 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

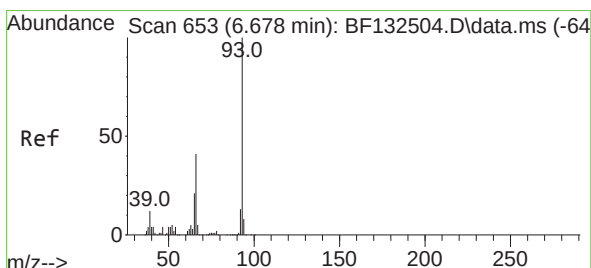
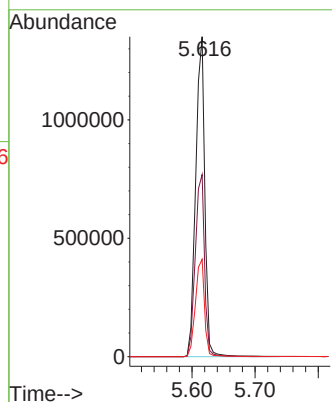
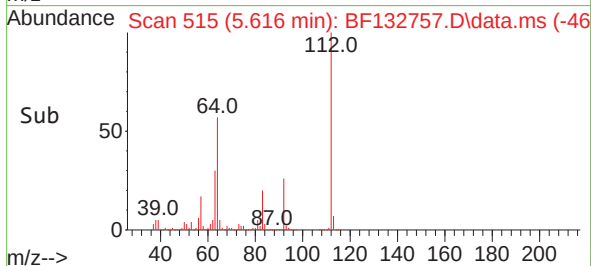
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:112 Resp: 1358365
Ion Ratio Lower Upper
112 100
64 56.9 51.6 77.4
63 30.4 27.4 41.2

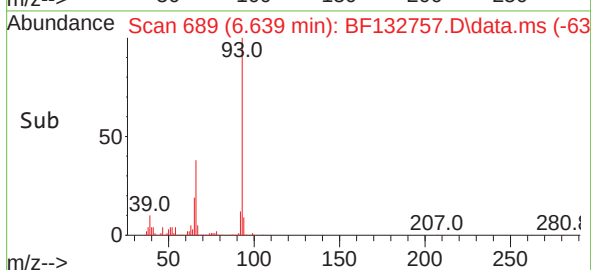
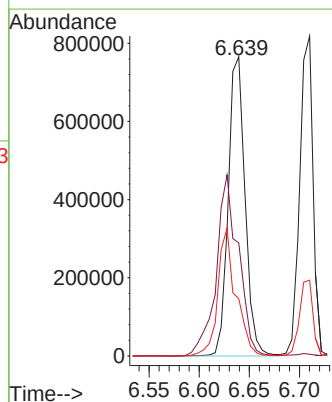
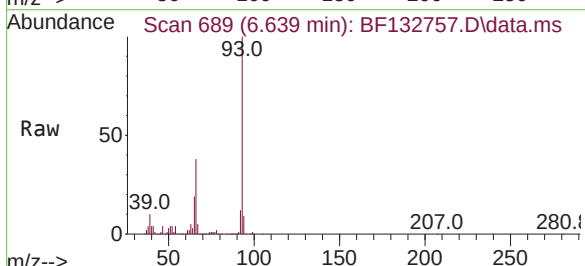
Manual Integrations
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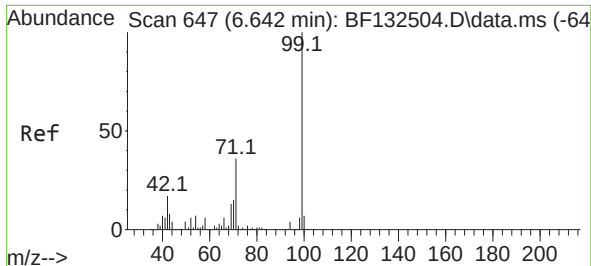
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#6
Aniline
Concen: 35.107 ng
RT: 6.639 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

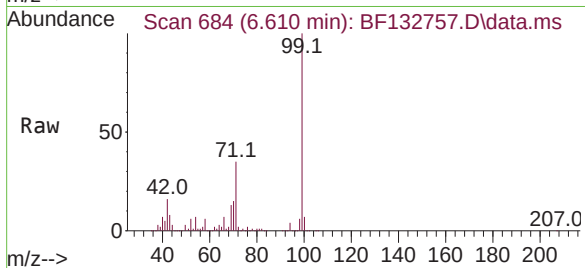
Tgt Ion: 93 Resp: 895356
Ion Ratio Lower Upper
93 100
66 37.8 32.5 48.7
65 19.1 16.6 24.8





#7
Phenol-d6
Concen: 93.751 ng
RT: 6.610 min Scan# 684
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

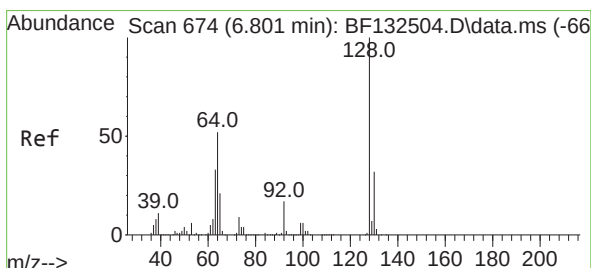
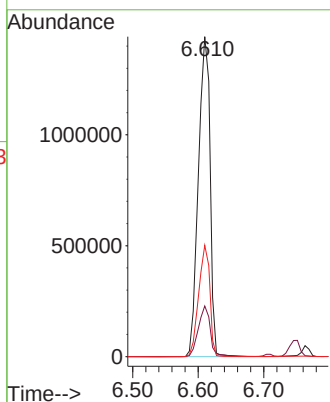
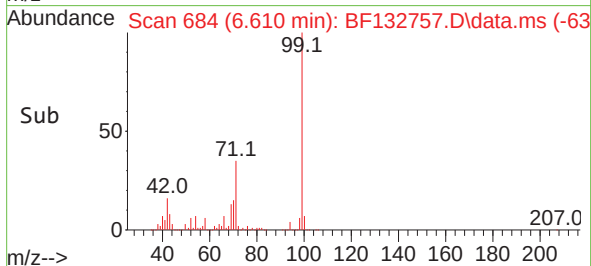
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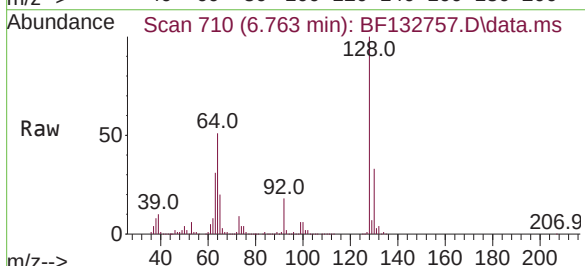
Tgt Ion: 99 Resp: 1776713
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 34.8 28.5 42.7

Manual Integrations
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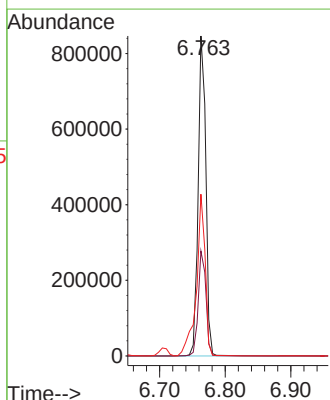
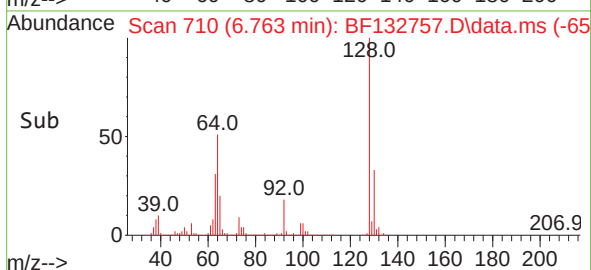
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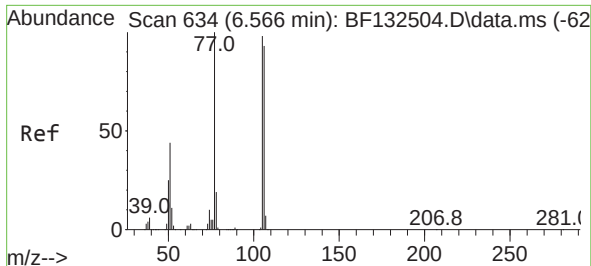


#8
2-Chlorophenol
Concen: 45.350 ng
RT: 6.763 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



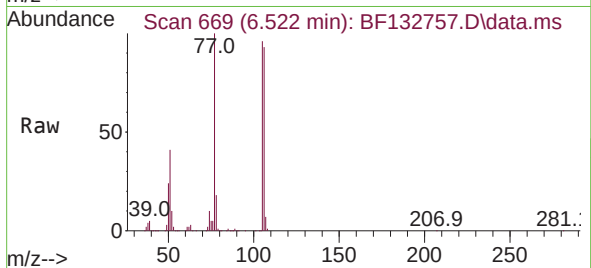
Tgt Ion:128 Resp: 683472
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 50.5 32.0 72.0





#9
Benzaldehyde
Concen: 35.583 ng
RT: 6.522 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

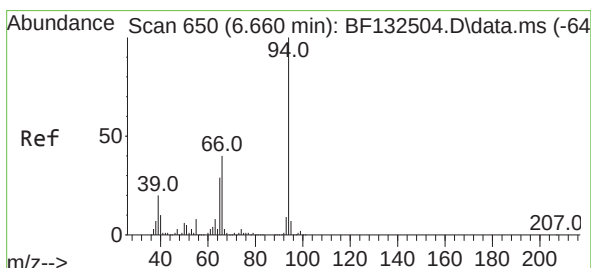
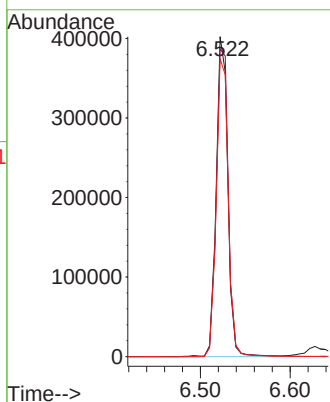
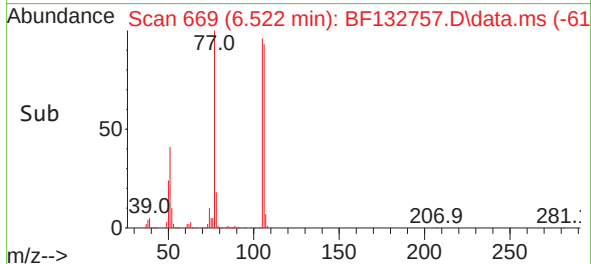
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 363873
Ion Ratio Lower Upper
77 100
105 96.1 77.9 117.9
106 93.0 73.4 113.4

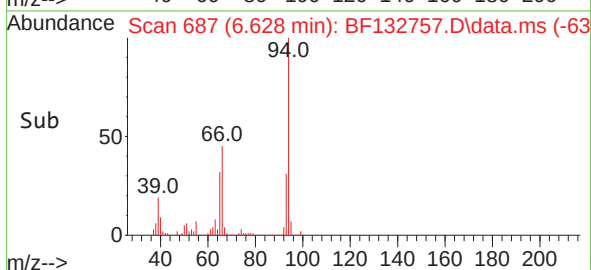
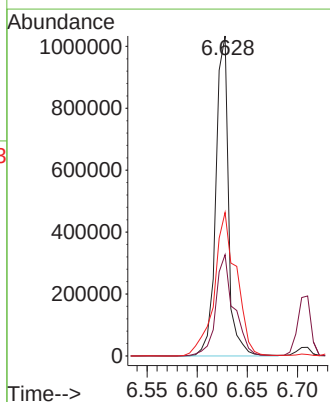
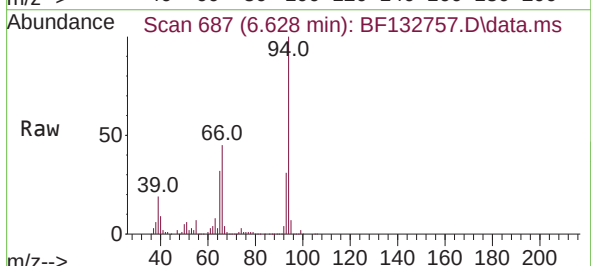
Manual Integrations
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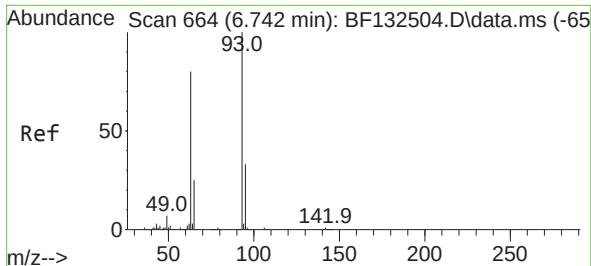
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#10
Phenol
Concen: 41.952 ng
RT: 6.628 min Scan# 687
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion: 94 Resp: 911506
Ion Ratio Lower Upper
94 100
65 31.7 9.4 49.4
66 44.8 19.8 59.8





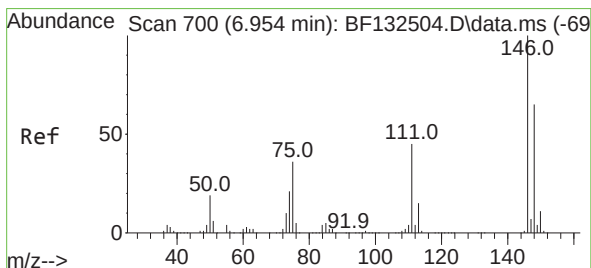
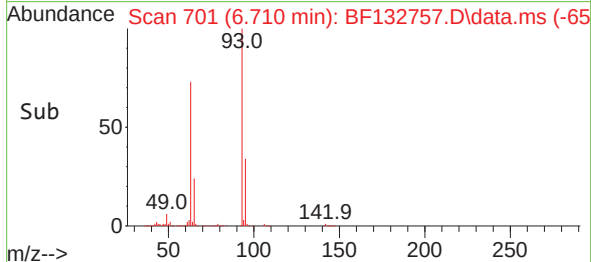
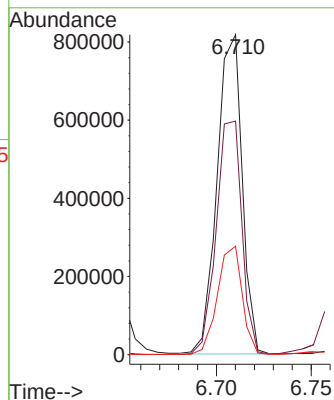
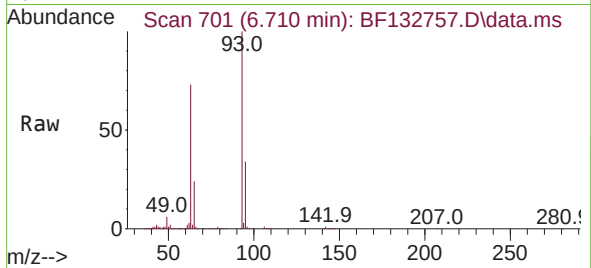
#11
bis(2-Chloroethyl)ether
Concen: 44.930 ng
RT: 6.710 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion: 93 Resp: 753613
Ion Ratio Lower Upper
93 100
63 73.0 59.6 99.6
95 33.9 12.8 52.8

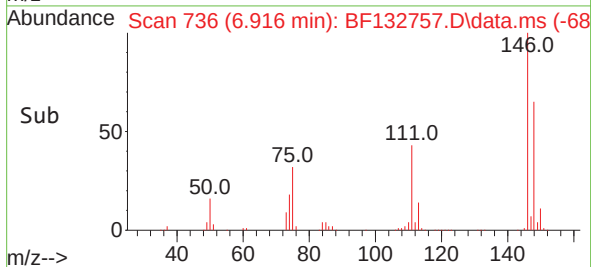
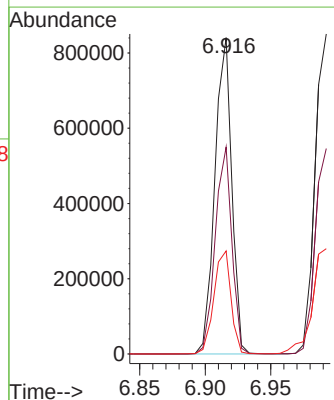
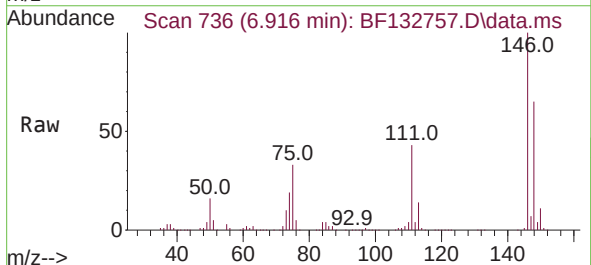
Manual Integrations
APPROVED

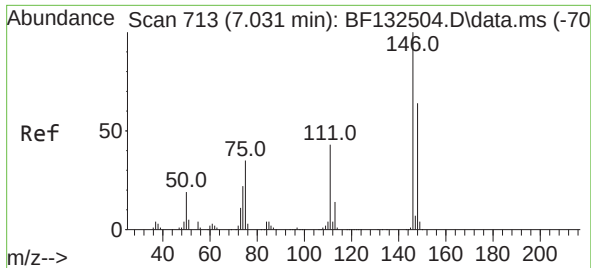
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#12
1,3-Dichlorobenzene
Concen: 46.627 ng
RT: 6.916 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:146 Resp: 754101
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
75 32.6 28.9 43.3





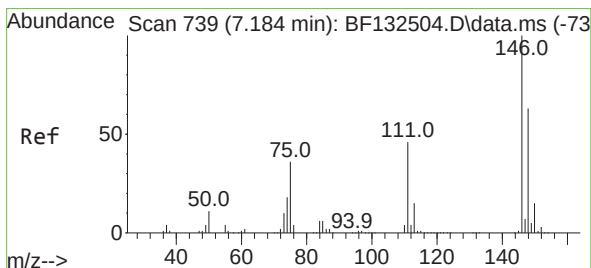
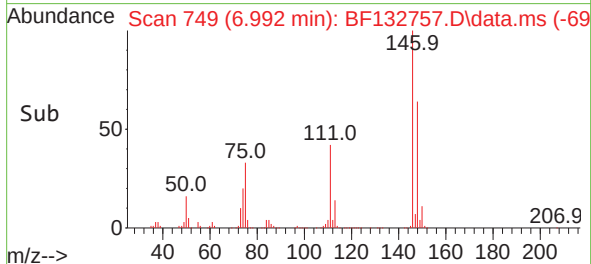
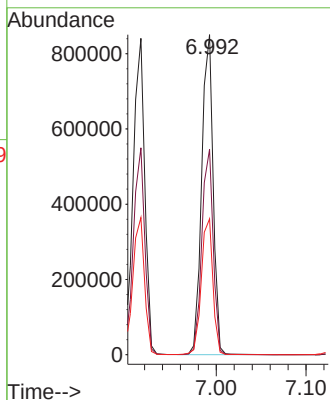
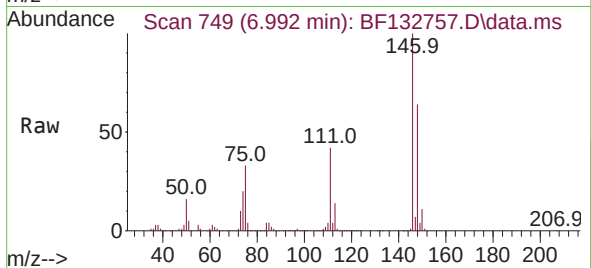
#13
1,4-Dichlorobenzene
Concen: 46.504 ng
RT: 6.992 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion:146 Resp: 751000
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 42.4 34.8 52.2

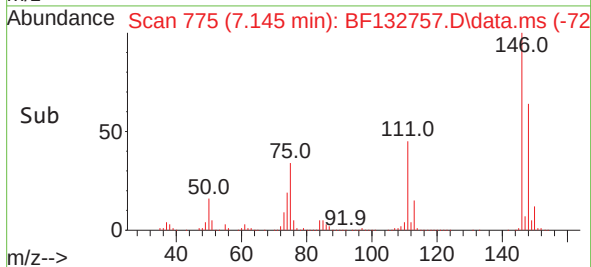
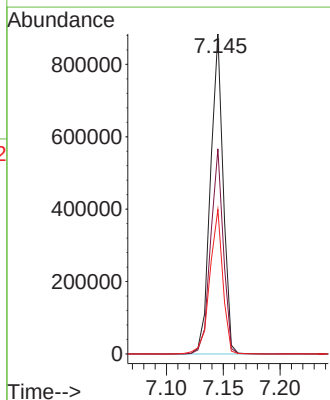
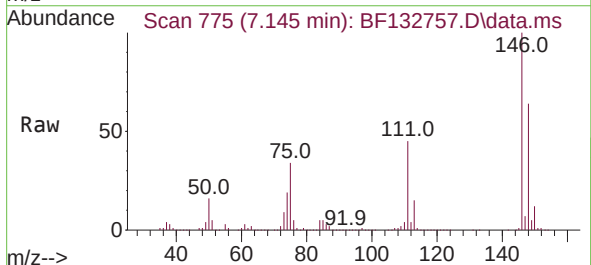
Manual Integrations
APPROVED

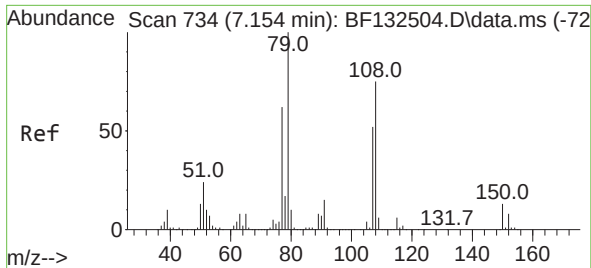
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#14
1,2-Dichlorobenzene
Concen: 44.339 ng
RT: 7.145 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:146 Resp: 687191
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 45.1 37.2 55.8





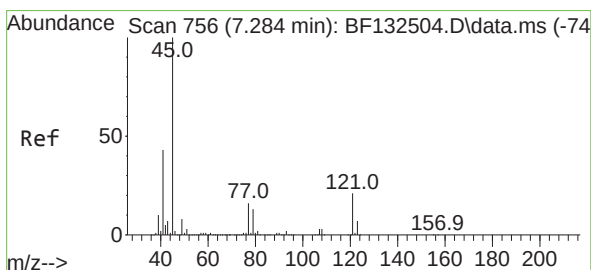
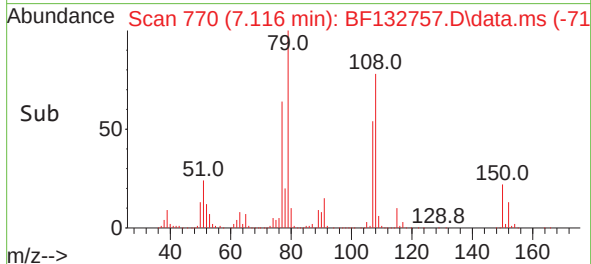
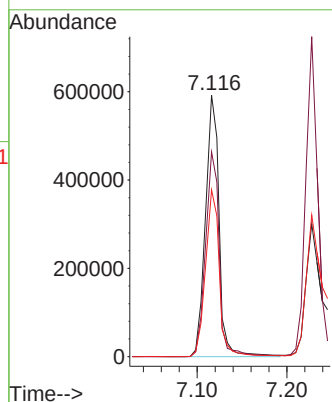
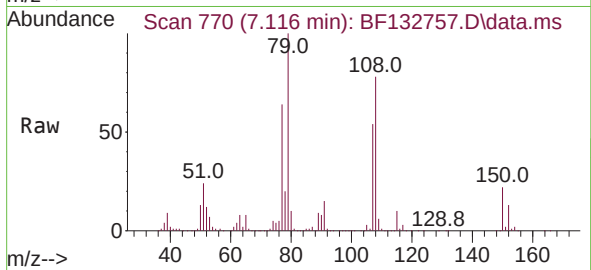
#15
Benzyl Alcohol
Concen: 42.588 ng
RT: 7.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion: 79 Resp: 621588
Ion Ratio Lower Upper
79 100
108 78.3 60.2 90.4
77 63.8 49.9 74.9

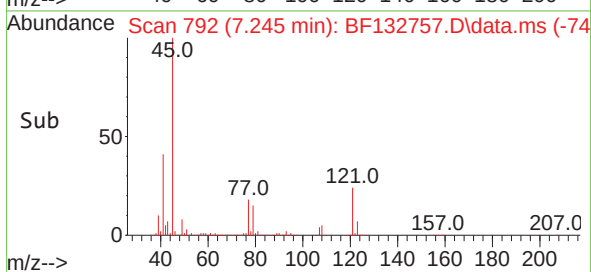
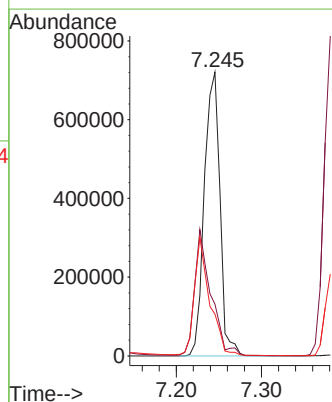
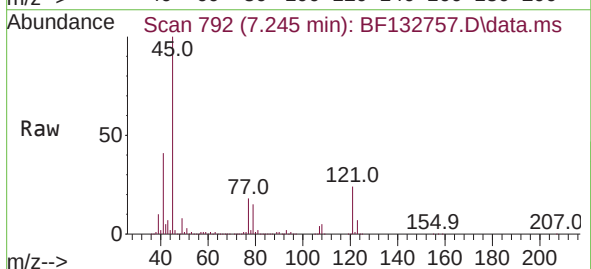
Manual Integrations
APPROVED

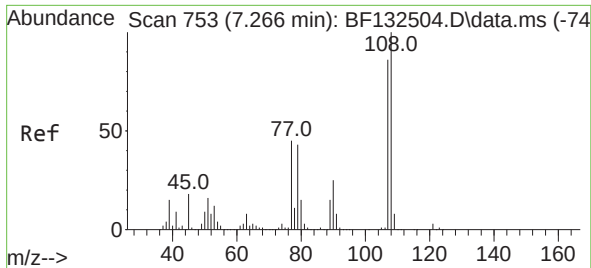
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.864 ng
RT: 7.245 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

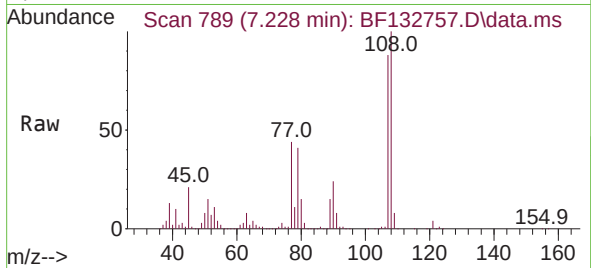
Tgt Ion: 45 Resp: 916818
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.4
79 14.7 0.0 33.4





#17
2-Methylphenol
Concen: 41.690 ng
RT: 7.228 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

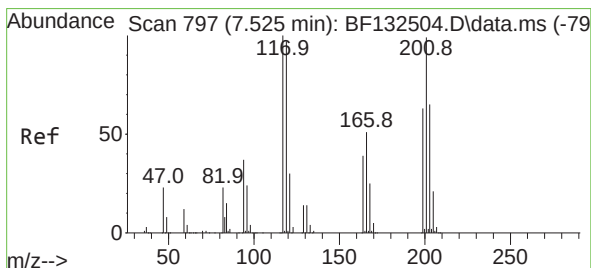
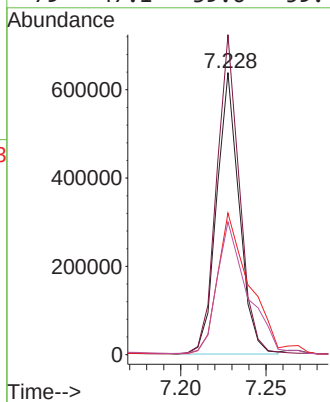
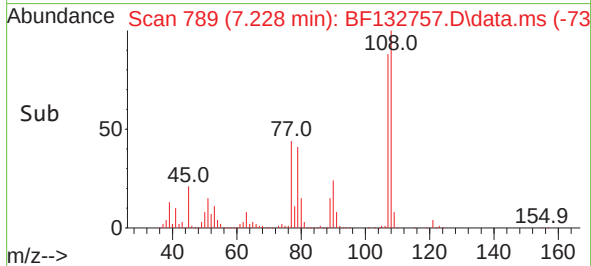
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:107 Resp: 586386
Ion Ratio Lower Upper
107 100
108 113.4 93.0 139.4
77 50.2 42.1 63.1
79 47.1 39.6 59.4

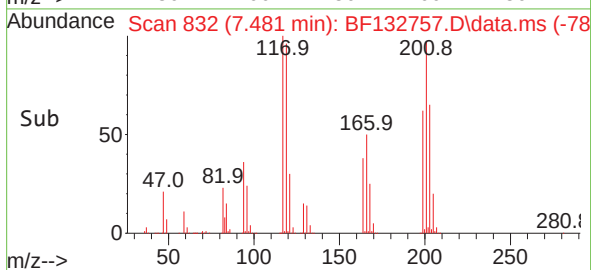
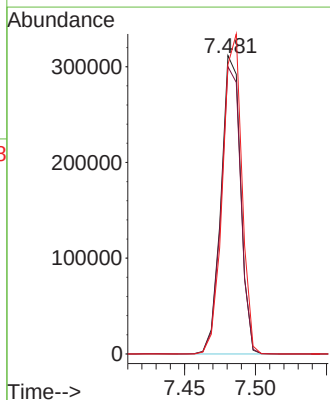
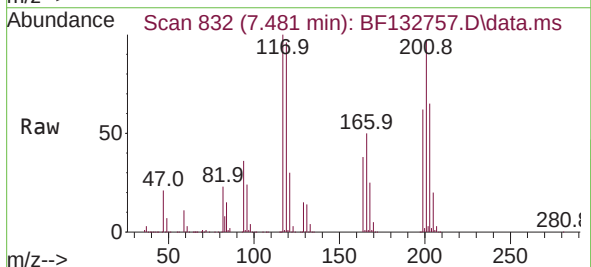
Manual Integrations
APPROVED

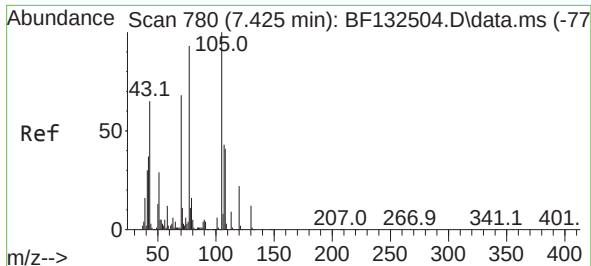
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#18
Hexachloroethane
Concen: 47.456 ng
RT: 7.481 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

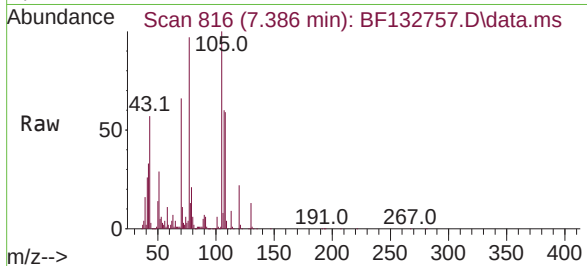
Tgt Ion:117 Resp: 299409
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0
201 97.0 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.182 ng
RT: 7.386 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

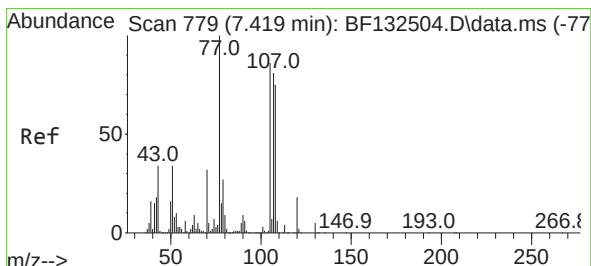
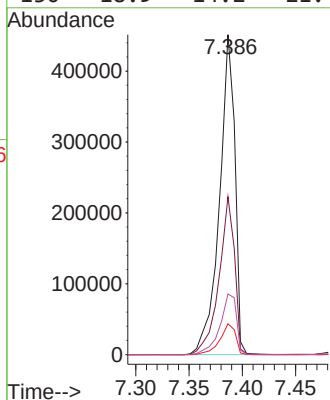
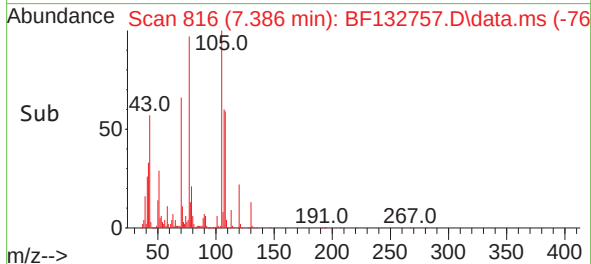
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



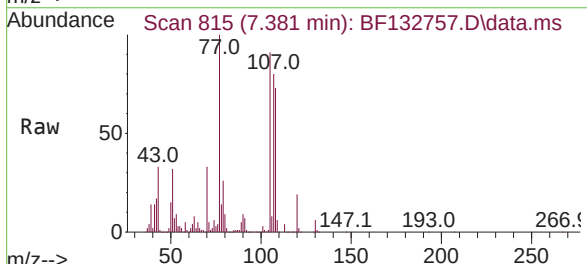
Tgt Ion: 70 Resp: 456995
Ion Ratio Lower Upper
70 100
42 49.3 44.1 66.1
101 9.6 7.4 11.2
130 18.9 14.2 21.4

Manual Integrations
APPROVED

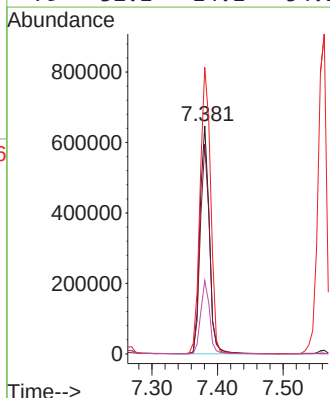
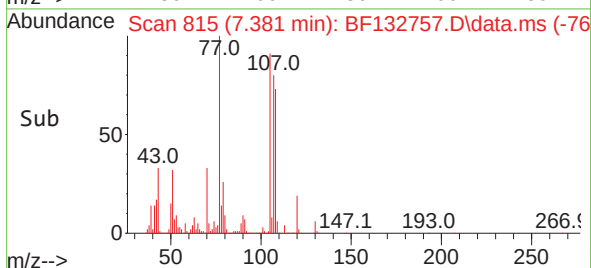
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

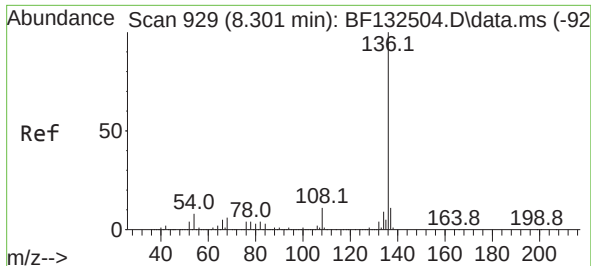


#20
3+4-Methylphenols
Concen: 35.107 ng
RT: 7.381 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



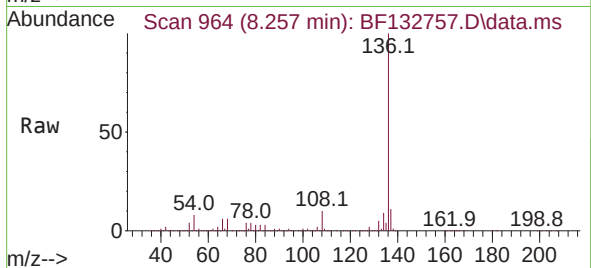
Tgt Ion: 107 Resp: 637959
Ion Ratio Lower Upper
107 100
108 92.0 72.6 112.6
77 125.6 104.0 144.0
79 32.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

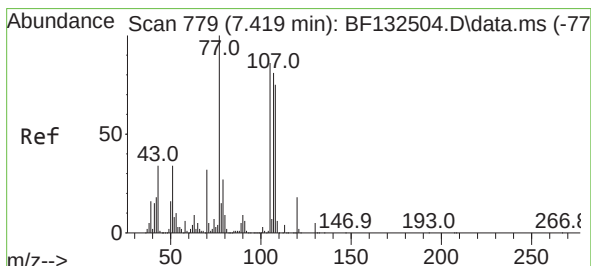
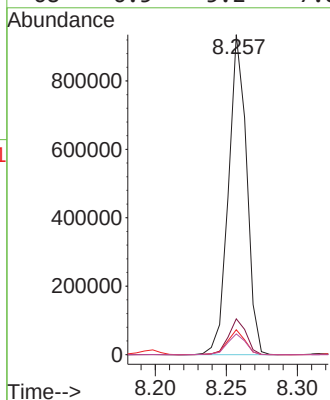
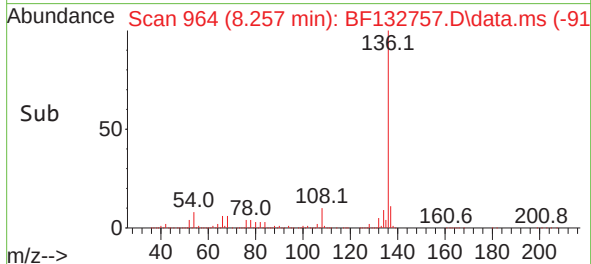
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



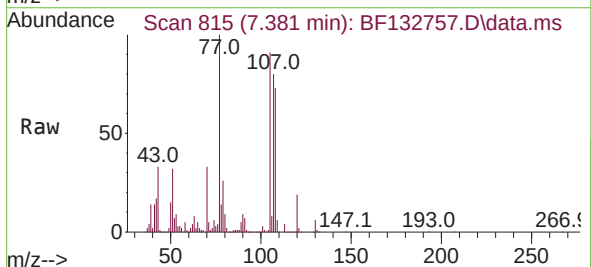
Tgt Ion:136 Resp: 831263
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.2 9.4
68 6.5 5.2 7.8

Manual Integrations
APPROVED

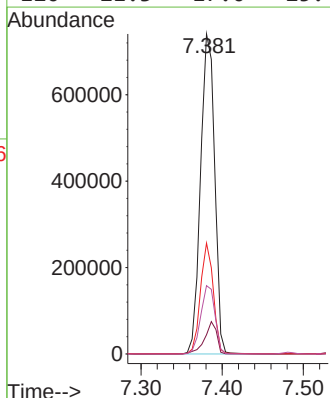
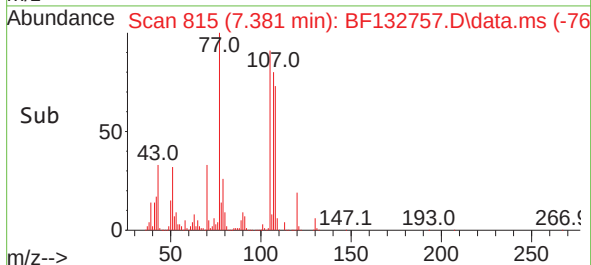
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

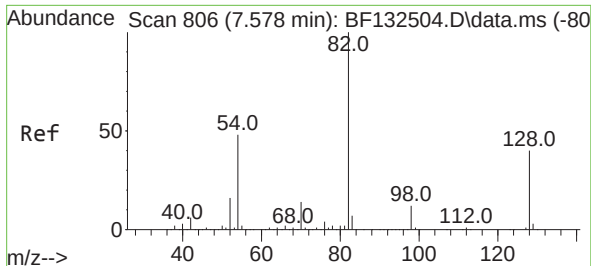


#22
Acetophenone
Concen: 42.693 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



Tgt Ion:105 Resp: 894884
Ion Ratio Lower Upper
105 100
71 6.0 5.0 7.4
51 34.6 31.5 47.3
120 21.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 65.982 ng

RT: 7.539 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion: 82 Resp: 115606

Ion Ratio Lower Upper

82 100

128 41.9 32.2 48.2

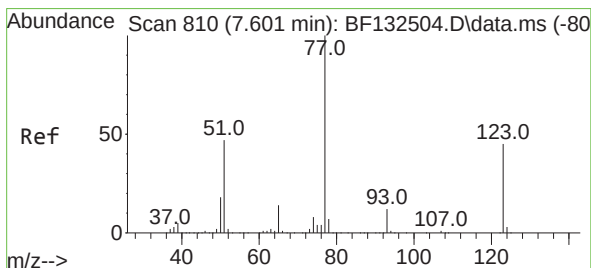
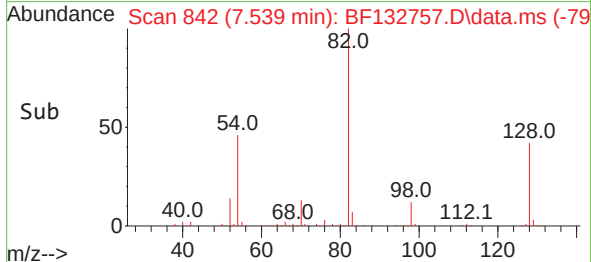
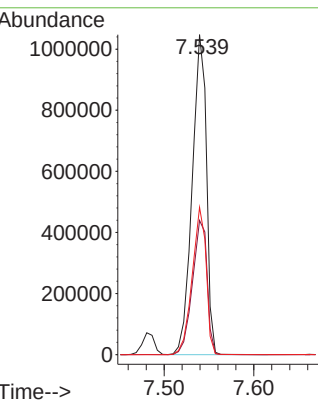
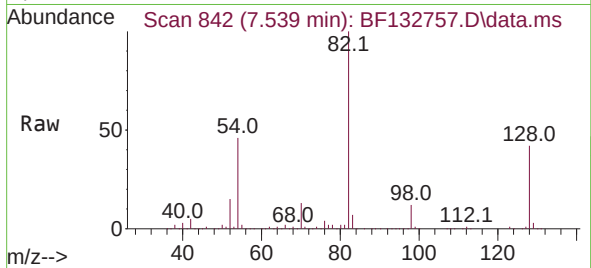
54 46.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#24

Nitrobenzene

Concen: 43.203 ng

RT: 7.563 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

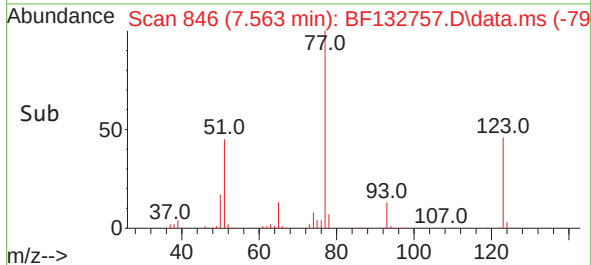
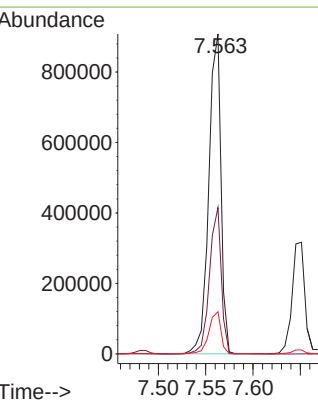
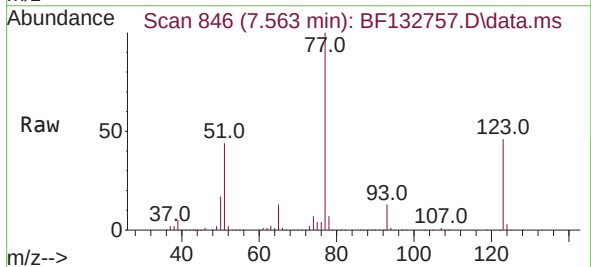
Tgt Ion: 77 Resp: 809537

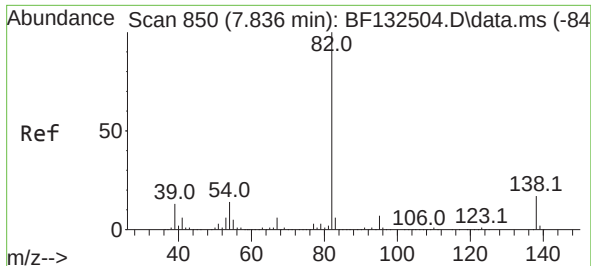
Ion Ratio Lower Upper

77 100

123 45.7 35.8 53.6

65 13.2 10.9 16.3





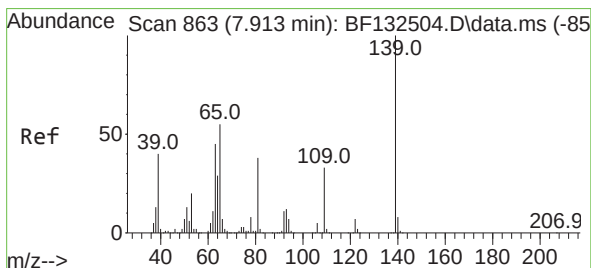
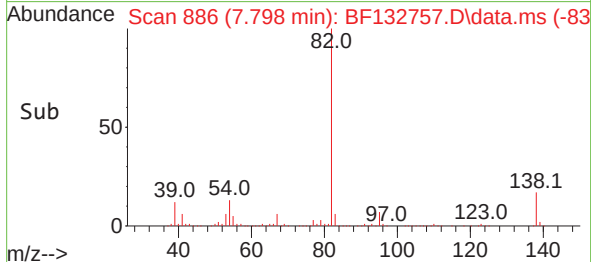
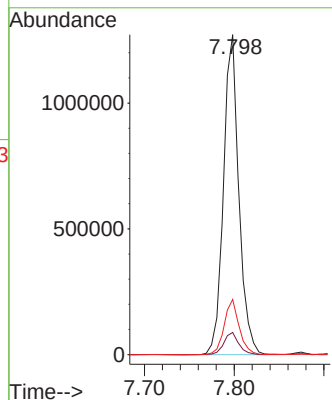
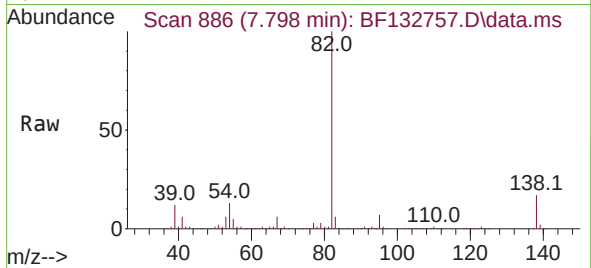
#25
Isophorone
Concen: 45.081 ng
RT: 7.798 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion: 82 Resp: 1514336
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.2 13.3 19.9

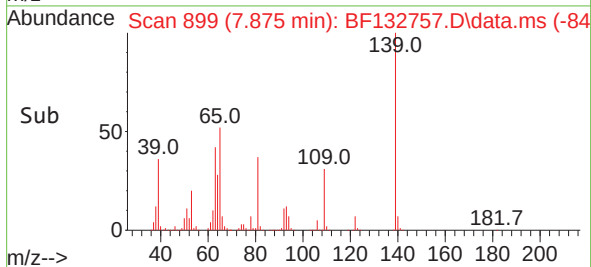
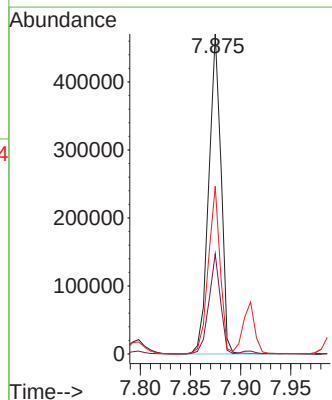
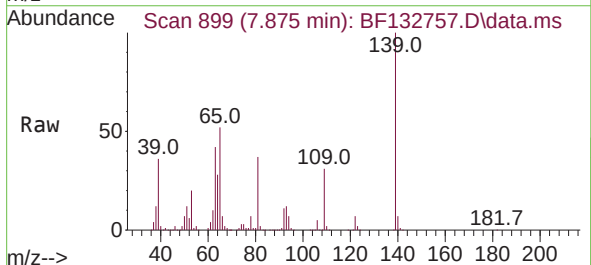
Manual Integrations
APPROVED

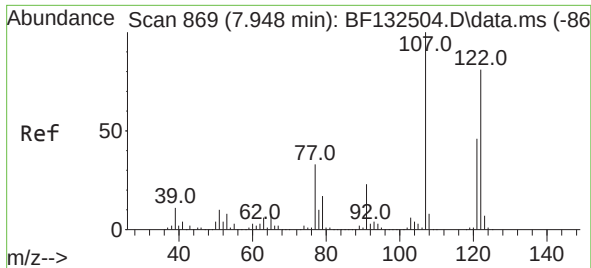
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#26
2-Nitrophenol
Concen: 48.111 ng
RT: 7.875 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:139 Resp: 397759
Ion Ratio Lower Upper
139 100
109 31.3 26.2 39.2
65 52.4 43.8 65.8





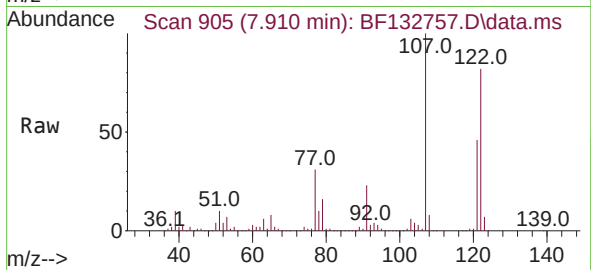
#27
2,4-Dimethylphenol
Concen: 46.447 ng
RT: 7.910 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

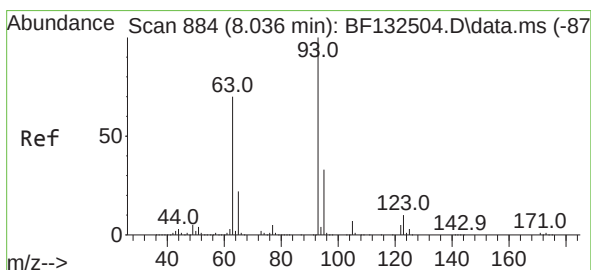
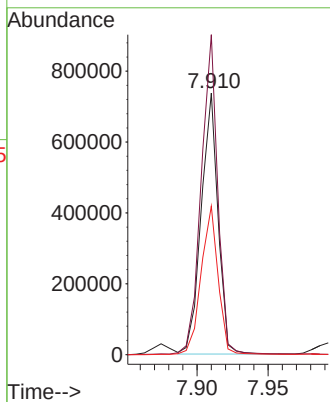
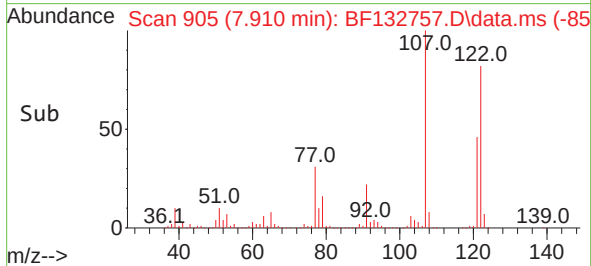
PB151350BSD



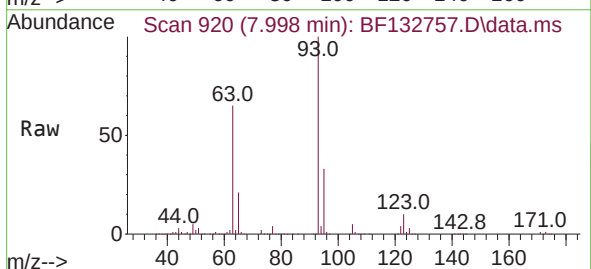
Tgt Ion:122 Resp: 606074
Ion Ratio Lower Upper
122 100
107 122.3 98.7 148.1
121 56.7 45.8 68.6

Manual Integrations
APPROVED

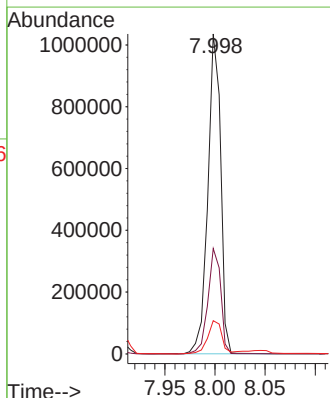
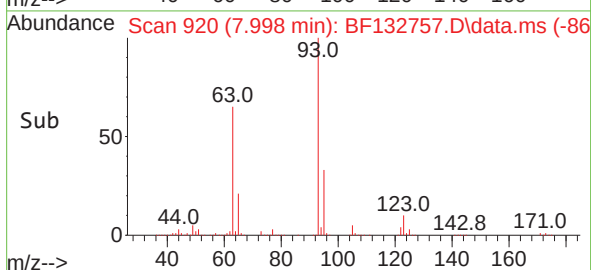
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

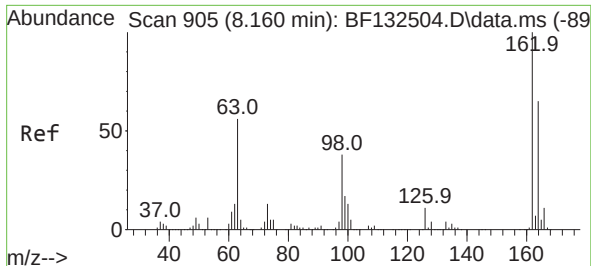


#28
bis(2-Chloroethoxy)methane
Concen: 46.596 ng
RT: 7.998 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



Tgt Ion: 93 Resp: 915628
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.4 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 46.335 ng

RT: 8.122 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF132757.D

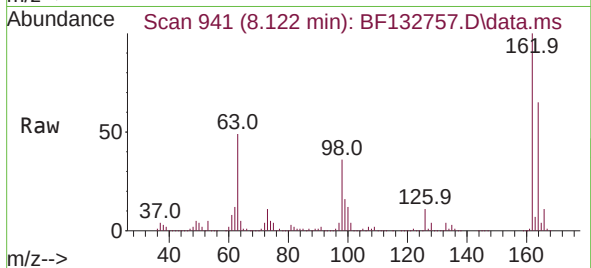
Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

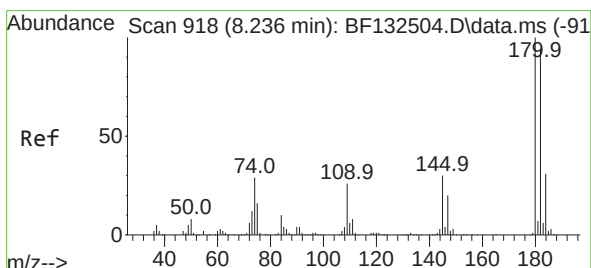
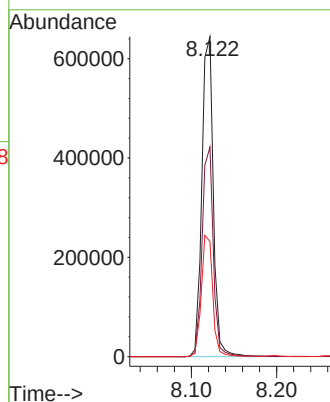
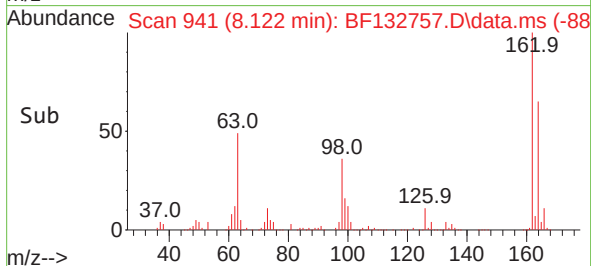


Tgt Ion:	162	Resp:	601431
Ion Ratio	Lower	Upper	
162	100		
164	65.5	45.3	85.3
98	36.0	17.9	57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.161 ng

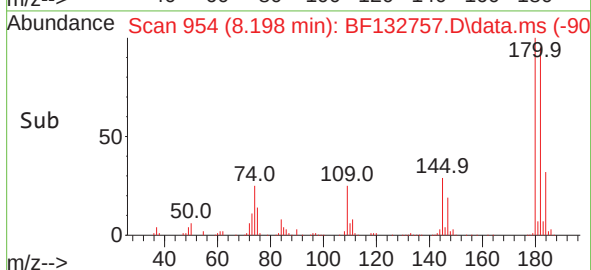
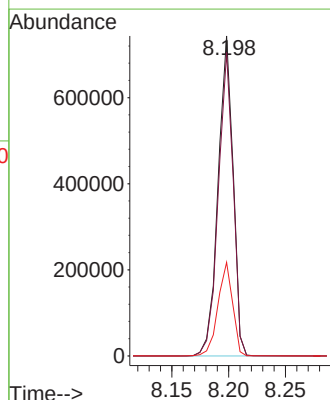
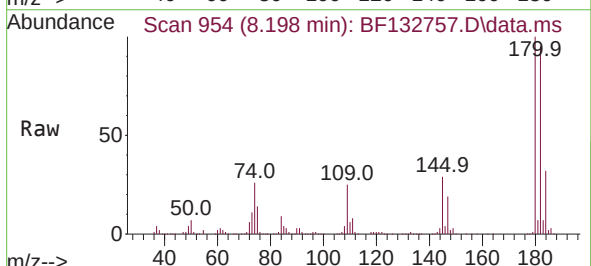
RT: 8.198 min Scan# 954

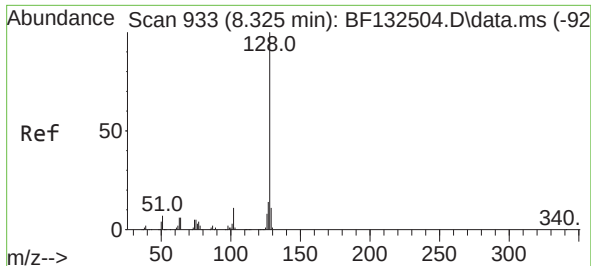
Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

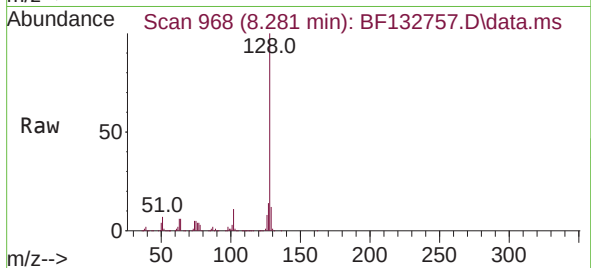
Tgt Ion:	180	Resp:	678812
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.1	112.7
145	29.2	23.8	35.6





#31
Naphthalene
Concen: 43.878 ng
RT: 8.281 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

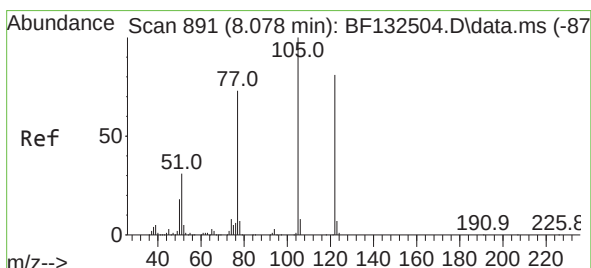
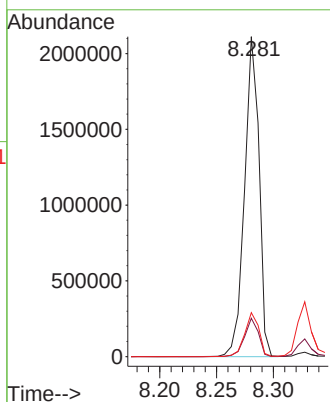
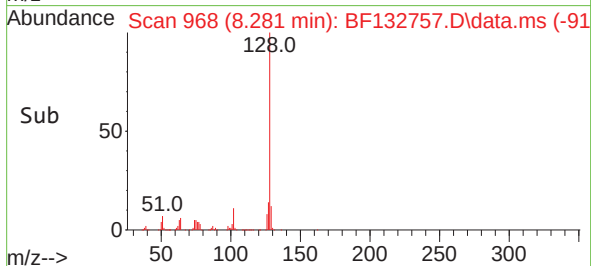
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:128 Resp: 1867255
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.7 11.0 16.6

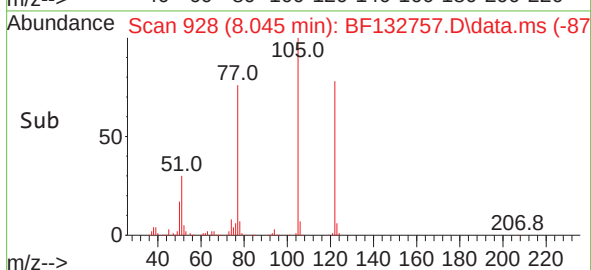
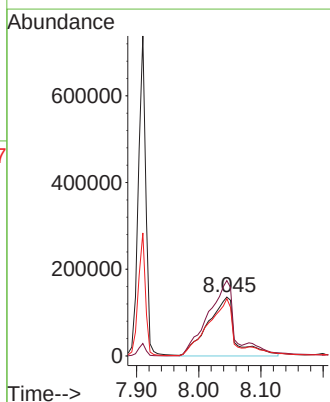
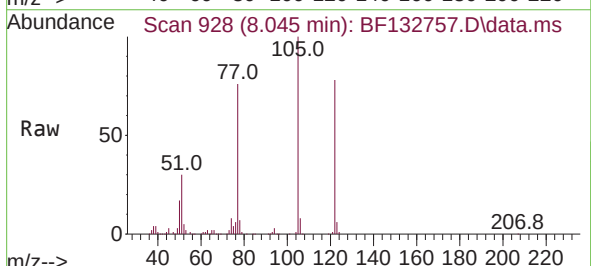
Manual Integrations
APPROVED

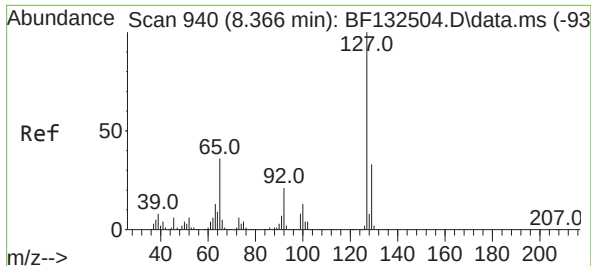
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#32
Benzoic acid
Concen: 42.118 ng m
RT: 8.045 min Scan# 928
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:122 Resp: 427833
Ion Ratio Lower Upper
122 100
105 128.0 102.6 142.6
77 97.3 70.2 110.2





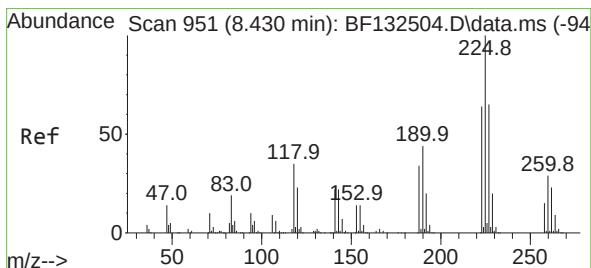
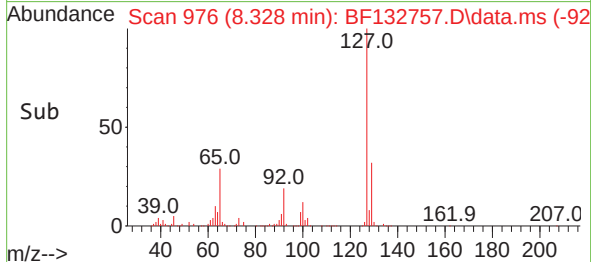
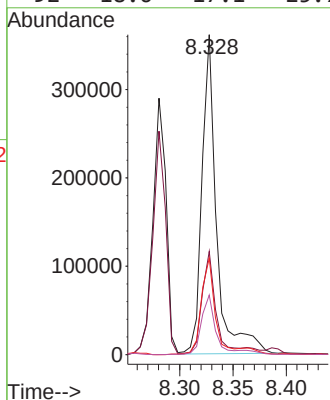
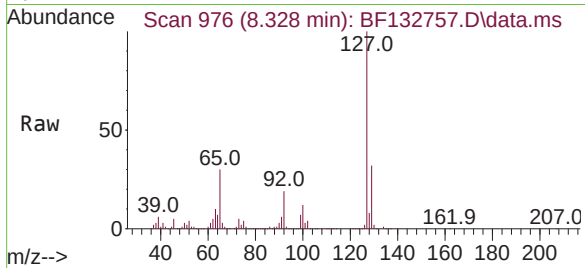
#33
4-Chloroaniline
Concen: 18.858 ng
RT: 8.328 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion:	127	Resp:	343893
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.4	39.6
65	30.2	28.8	43.2
92	18.6	17.1	25.7

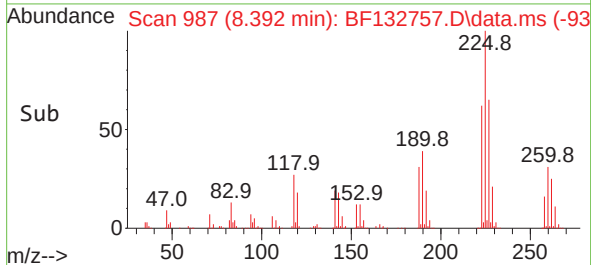
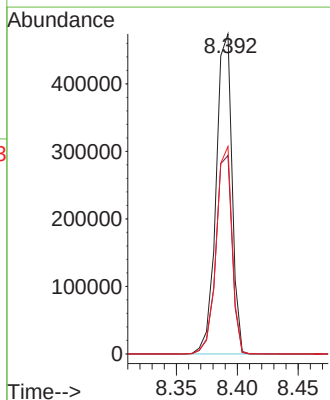
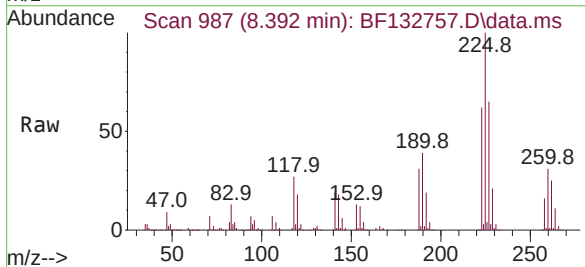
Manual Integrations
APPROVED

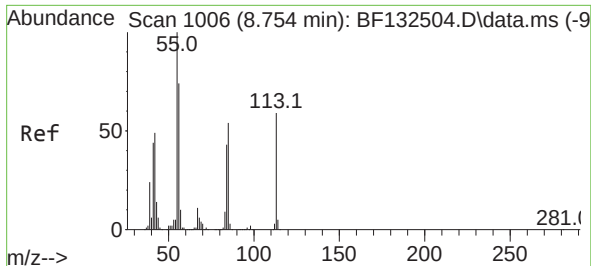
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#34
Hexachlorobutadiene
Concen: 48.189 ng
RT: 8.392 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

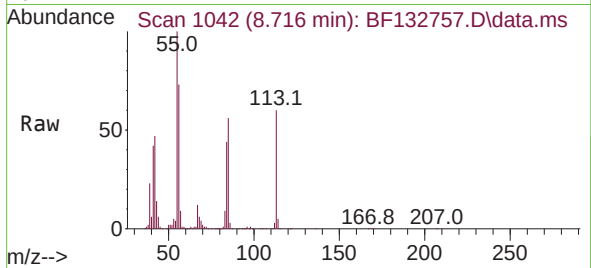
Tgt Ion:	225	Resp:	431599
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.0	76.4
227	64.8	51.7	77.5





#35
Caprolactam
Concen: 46.428 ng m
RT: 8.716 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

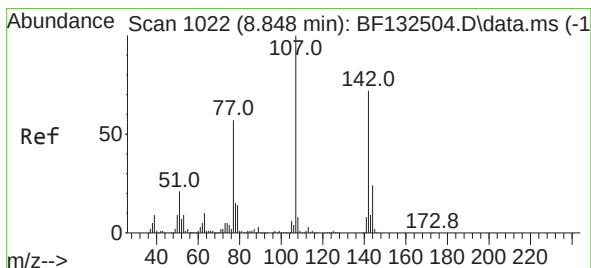
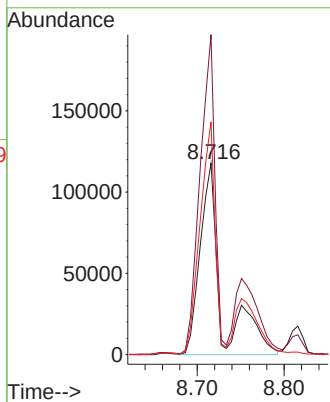
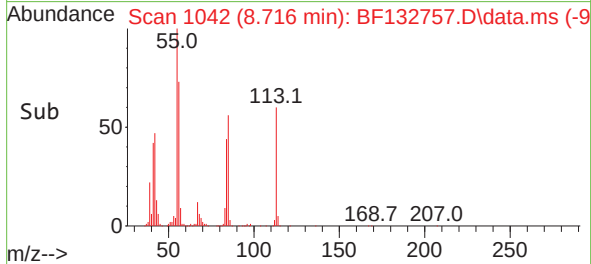
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:113 Resp: 198675
Ion Ratio Lower Upper
113 100
55 167.3 149.4 189.4
56 121.6 105.0 145.0

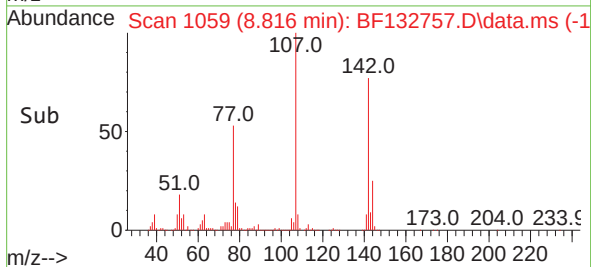
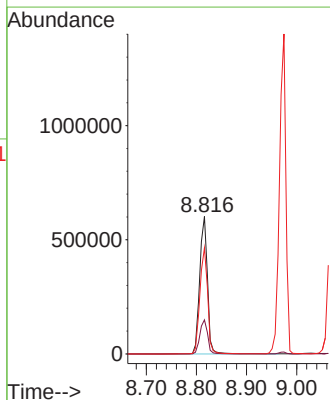
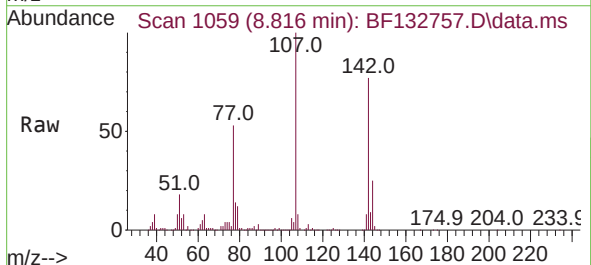
Manual Integrations
APPROVED

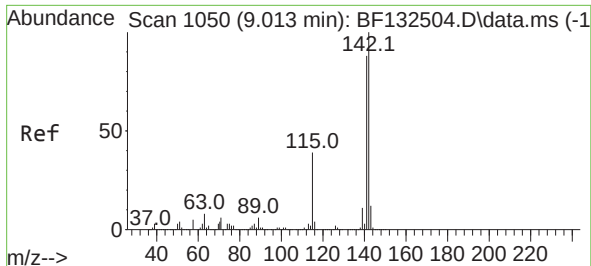
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 45.193 ng
RT: 8.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:107 Resp: 644225
Ion Ratio Lower Upper
107 100
144 24.8 18.9 28.3
142 77.2 57.9 86.9





#37

2-Methylnaphthalene

Concen: 42.843 ng

RT: 8.975 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion:142 Resp: 1242474

Ion Ratio Lower Upper

142 100

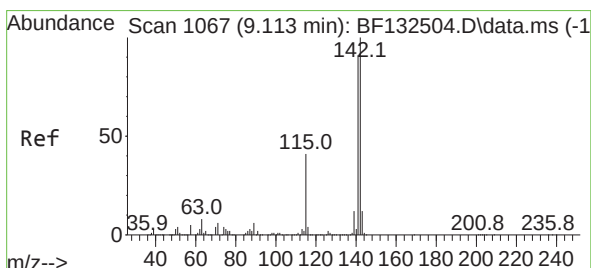
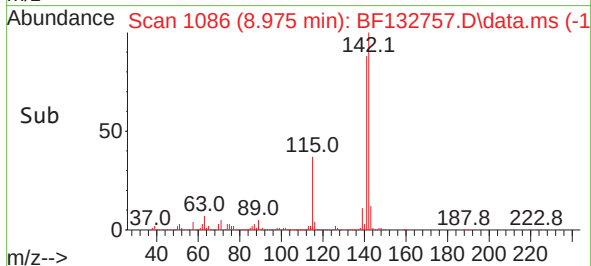
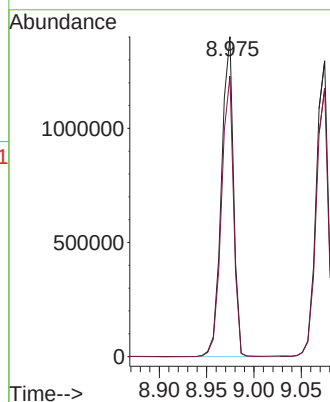
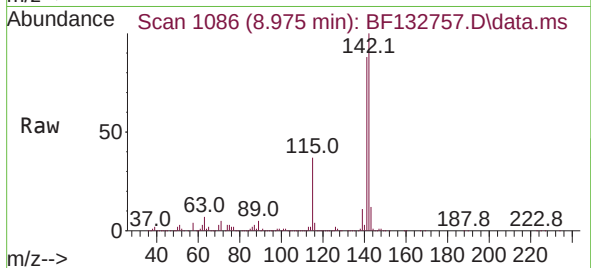
141 87.6 70.2 105.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#38

1-Methylnaphthalene

Concen: 42.326 ng

RT: 9.075 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF132757.D

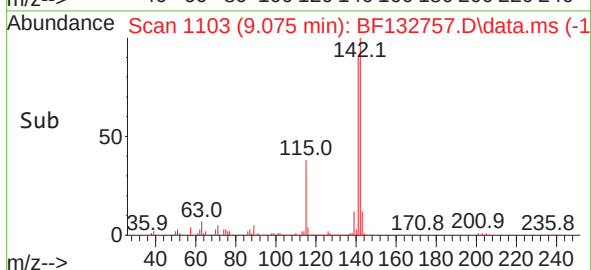
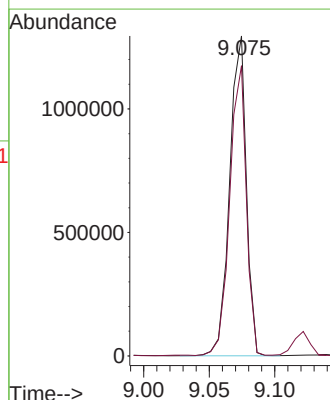
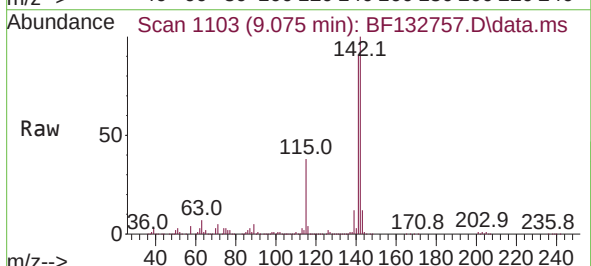
Acq: 13 Mar 2023 13:04

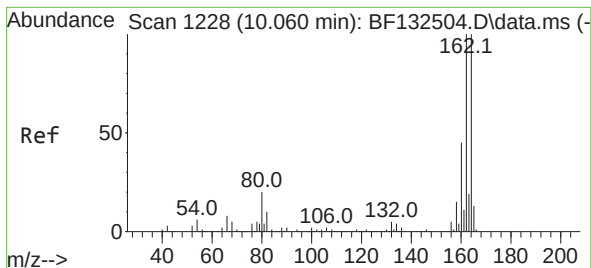
Tgt Ion:142 Resp: 1147157

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion:164 Resp: 42744

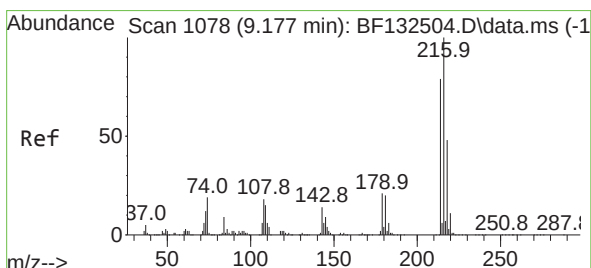
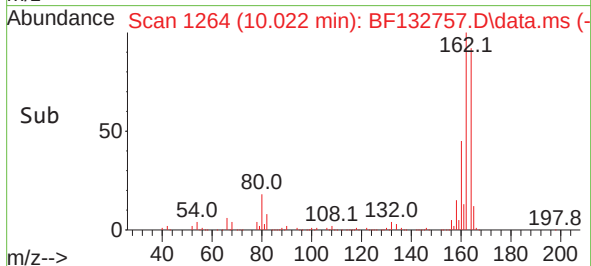
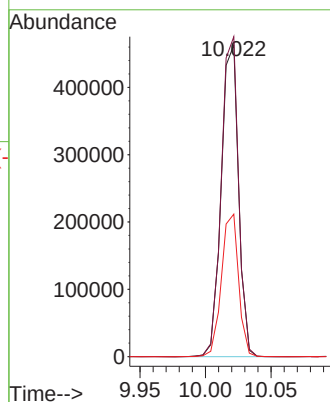
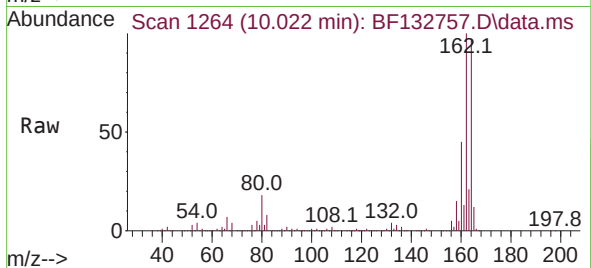
Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.8	119.8
160	45.7	35.8	53.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.554 ng

RT: 9.139 min Scan# 1114

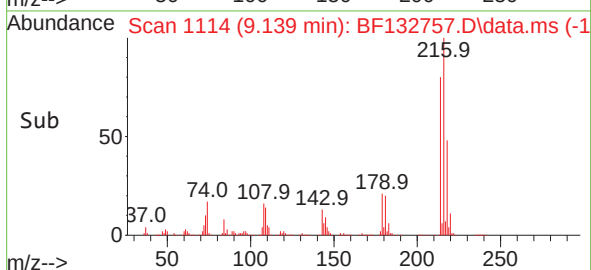
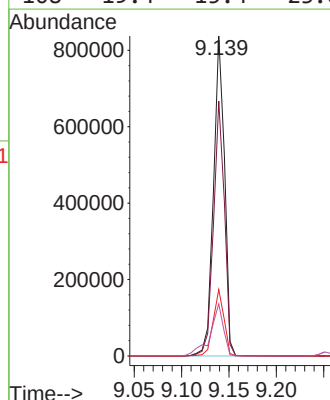
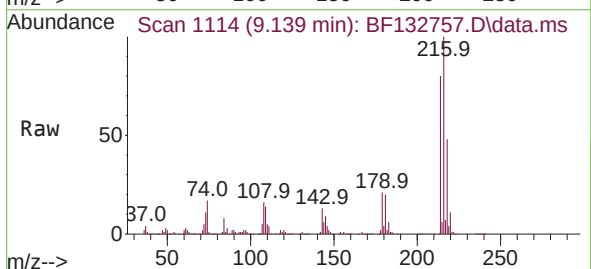
Delta R.T. 0.000 min

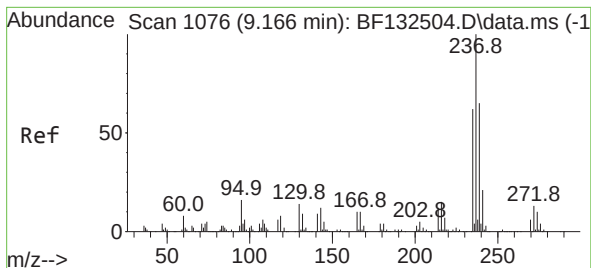
Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion:216 Resp: 679026

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	20.3	16.6	24.8
108	19.4	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 101.796 ng

RT: 9.122 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

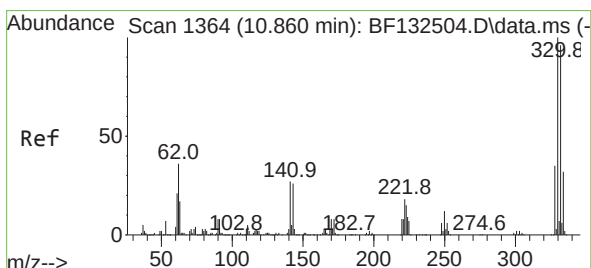
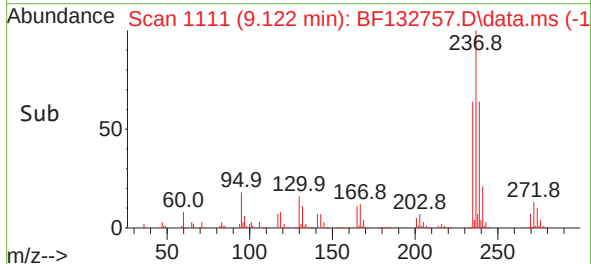
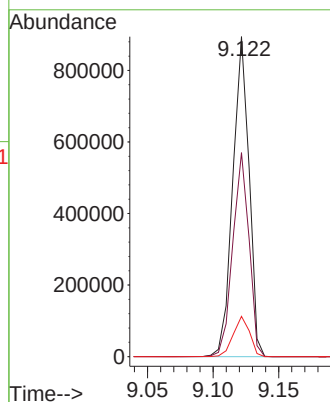
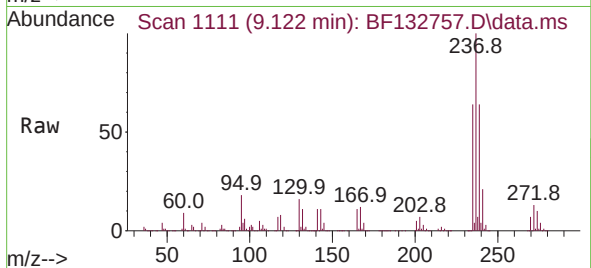
PB151350BSD

Tgt Ion:	237	Resp:	772163
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.4	82.4
272	12.6	0.0	32.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#42

2,4,6-Tribromophenol

Concen: 101.419 ng

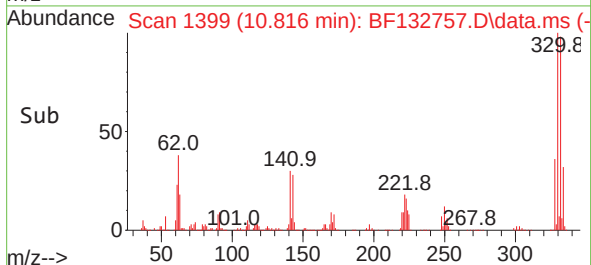
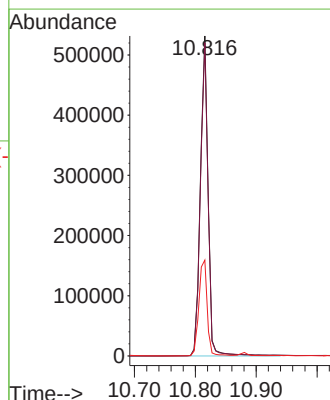
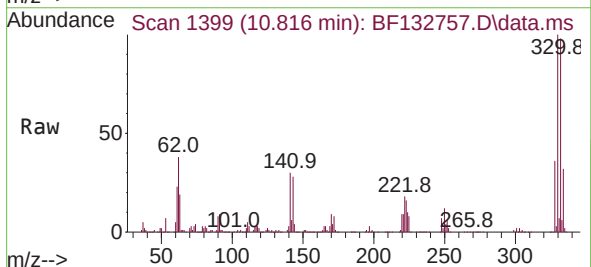
RT: 10.816 min Scan# 1399

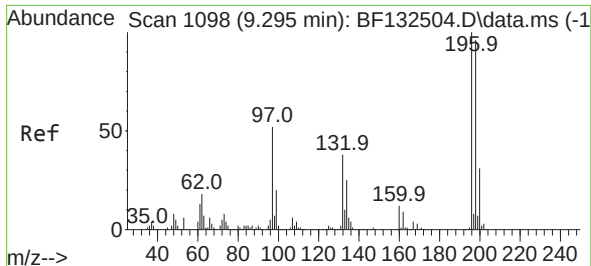
Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion:	330	Resp:	468176
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.2	114.4
141	32.4	28.4	42.6





#43

2,4,6-Trichlorophenol

Concen: 46.918 ng

RT: 9.251 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion:196 Resp: 444670

Ion Ratio Lower Upper

196 100

198 93.9 77.1 115.7

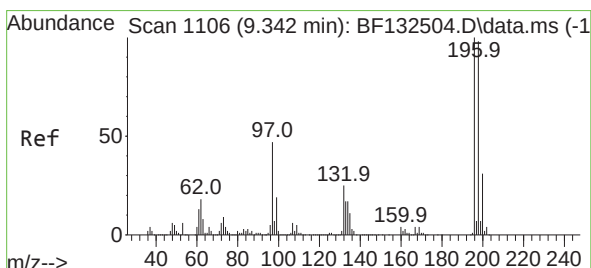
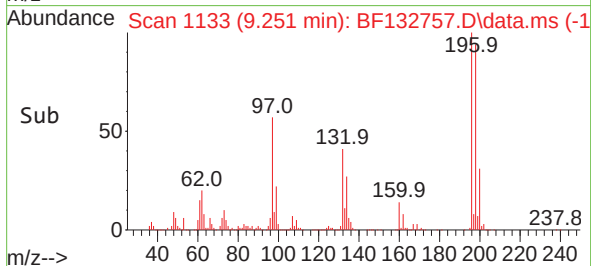
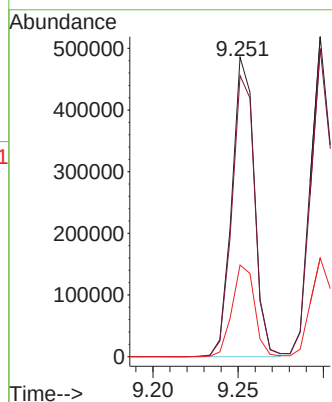
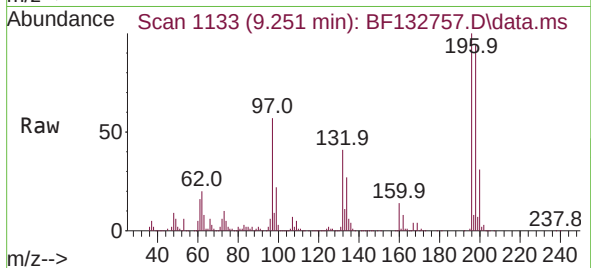
200 30.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#44

2,4,5-Trichlorophenol

Concen: 42.591 ng

RT: 9.298 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion:196 Resp: 471130

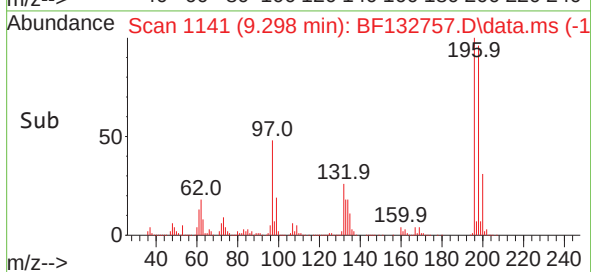
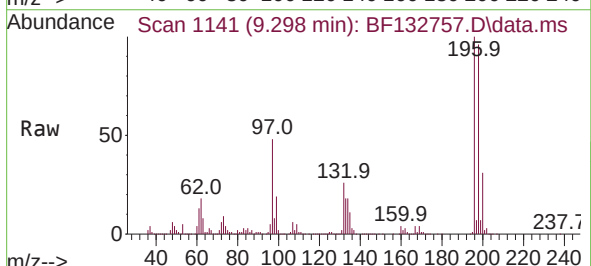
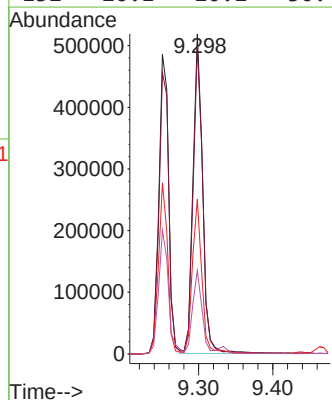
Ion Ratio Lower Upper

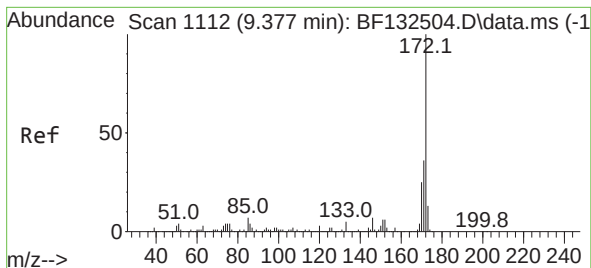
196 100

198 96.2 78.3 117.5

97 48.3 38.1 57.1

132 26.1 20.2 30.4





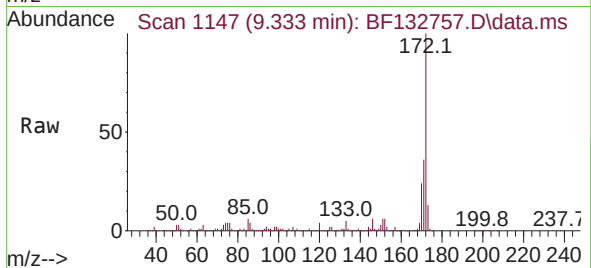
#45
2-Fluorobiphenyl
Concen: 67.494 ng
RT: 9.333 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

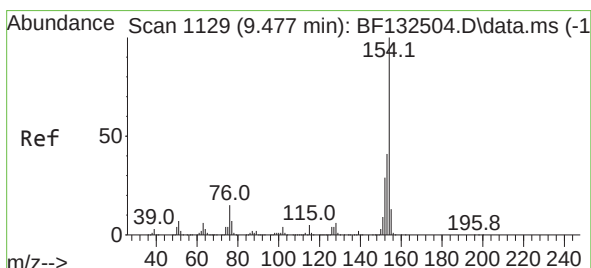
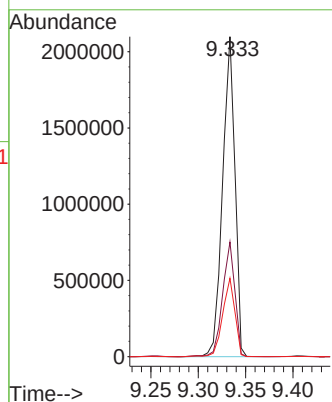
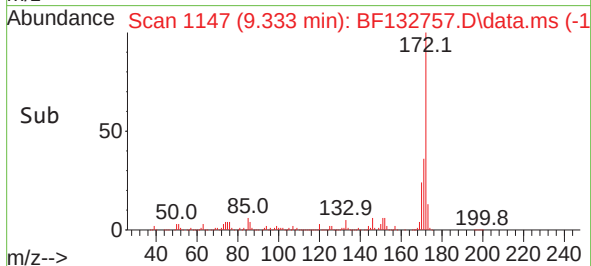


Tgt Ion:172 Resp: 1894719
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.5 19.7 29.5

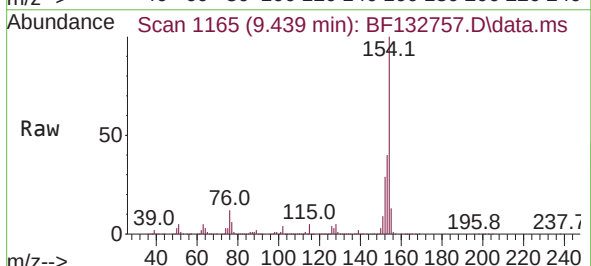
Manual Integrations

APPROVED

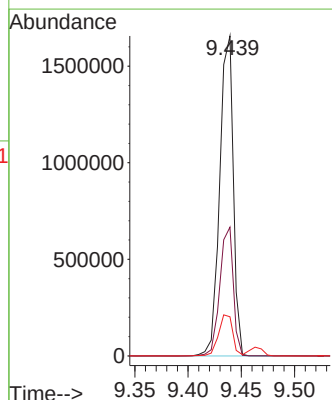
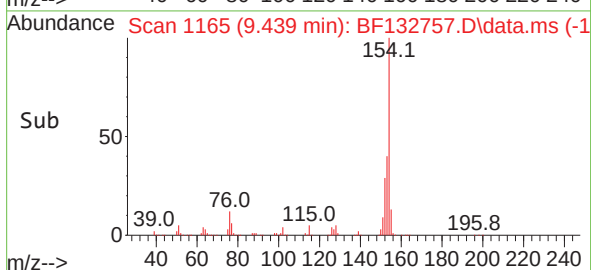
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

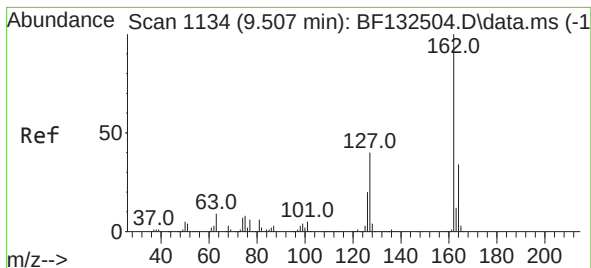


#46
1,1'-Biphenyl
Concen: 45.621 ng
RT: 9.439 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



Tgt Ion:154 Resp: 1475983
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 12.2 0.0 34.7





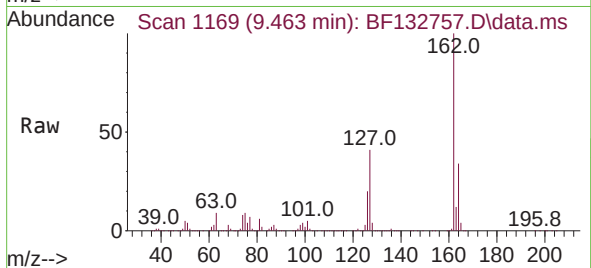
#47
2-Chloronaphthalene
Concen: 46.822 ng
RT: 9.463 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

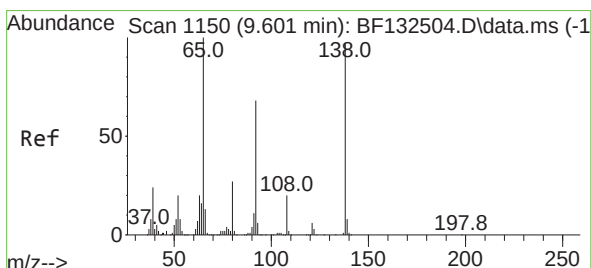
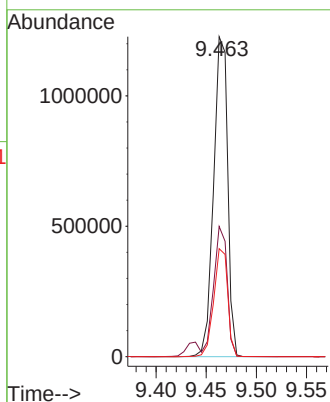
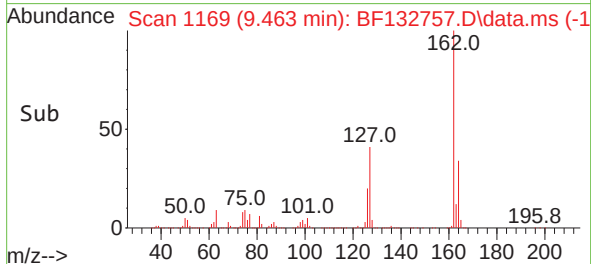


Tgt Ion:162 Resp: 1201008
Ion Ratio Lower Upper
162 100
127 40.7 32.3 48.5
164 33.7 26.9 40.3

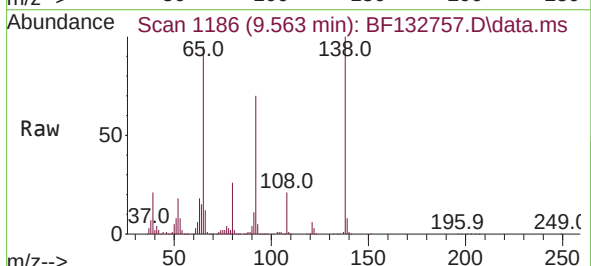
Manual Integrations

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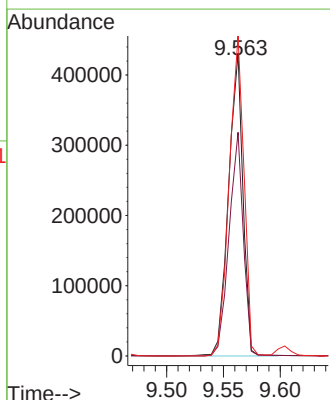
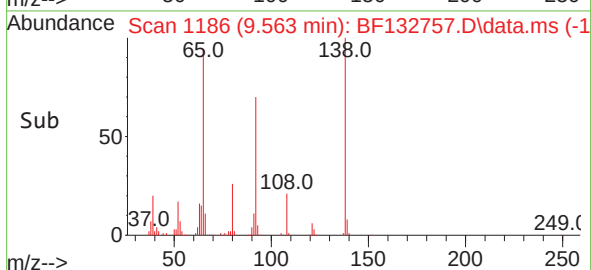
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

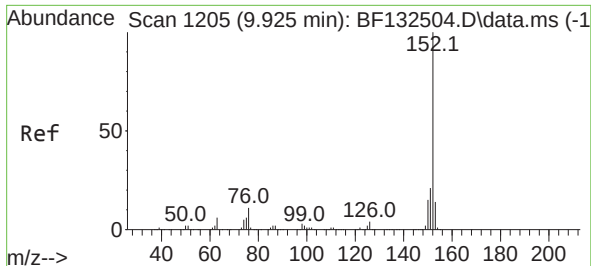


#48
2-Nitroaniline
Concen: 40.438 ng
RT: 9.563 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



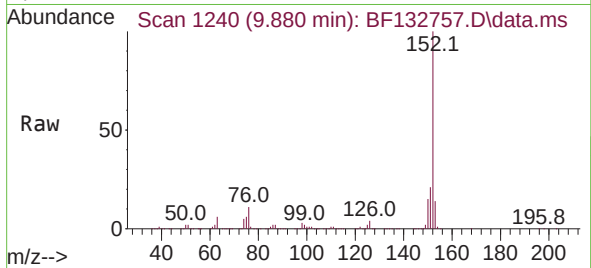
Tgt Ion: 65 Resp: 382024
Ion Ratio Lower Upper
65 100
92 73.8 54.5 81.7
138 105.7 77.2 115.8





#49
Acenaphthylene
Concen: 43.106 ng
RT: 9.880 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

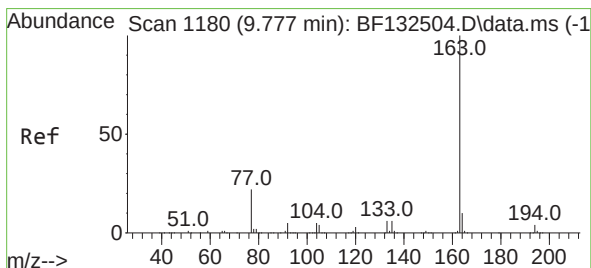
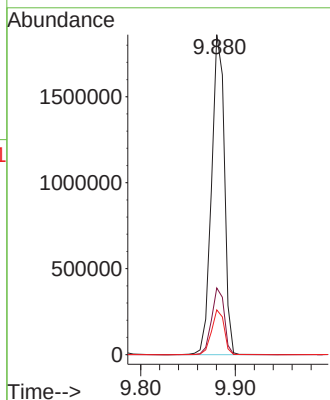
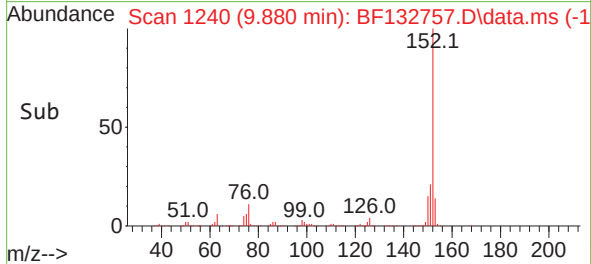
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



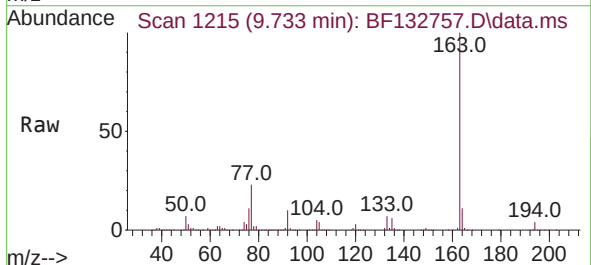
Tgt Ion:152 Resp: 1759731
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.0 11.0 16.6

Manual Integrations
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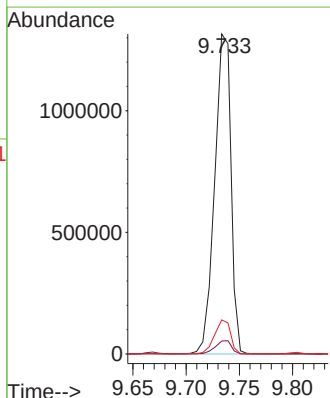
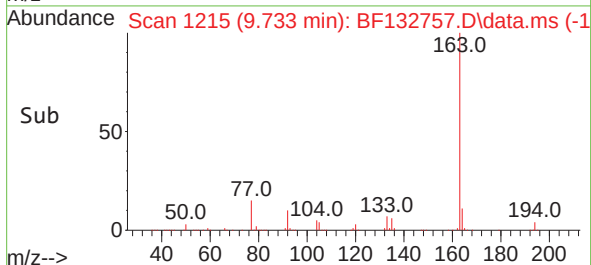
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

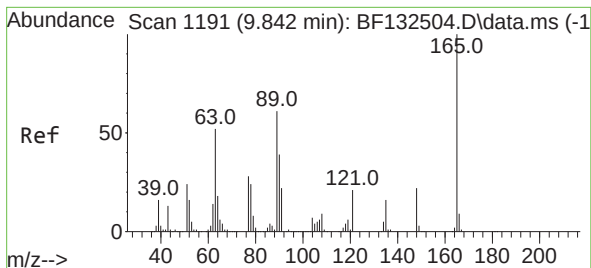


#50
Dimethylphthalate
Concen: 45.247 ng
RT: 9.733 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



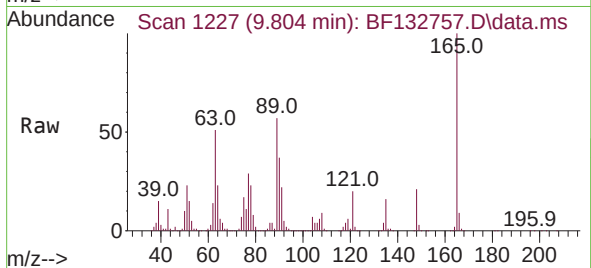
Tgt Ion:163 Resp: 1408251
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.261 ng
RT: 9.804 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

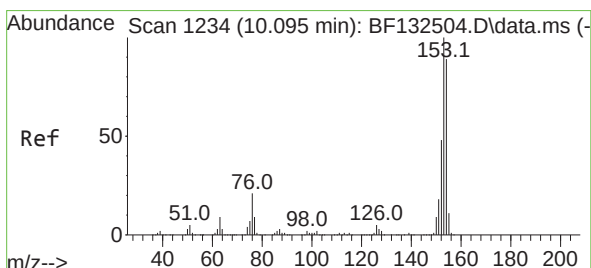
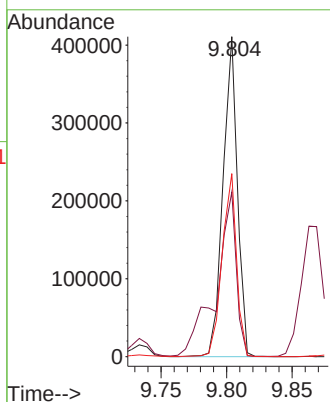
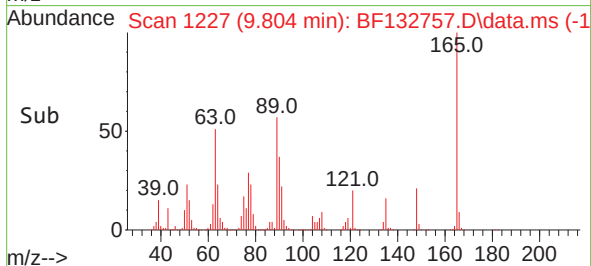
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:165 Resp: 313721
Ion Ratio Lower Upper
165 100
63 51.4 47.3 70.9
89 57.2 48.9 73.3

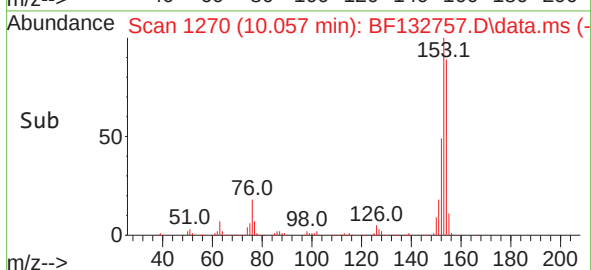
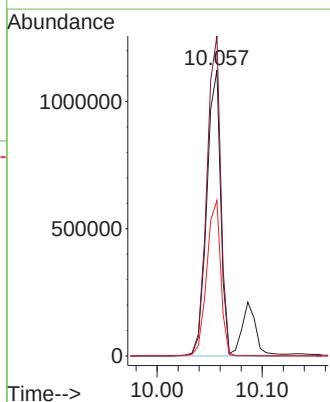
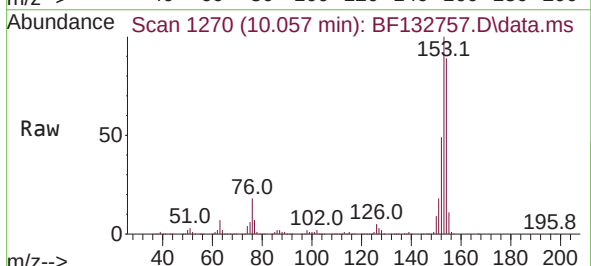
Manual Integrations
APPROVED

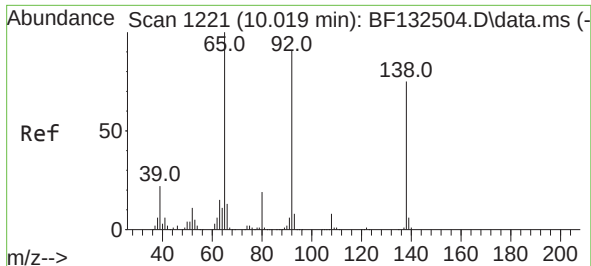
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#52
Acenaphthene
Concen: 46.894 ng m
RT: 10.057 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

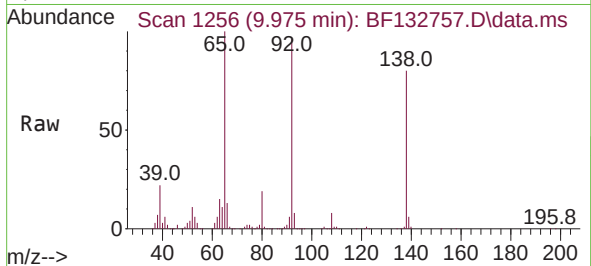
Tgt Ion:154 Resp: 1215625
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.8
152 54.4 43.3 64.9





#53
3-Nitroaniline
Concen: 28.152 ng
RT: 9.975 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

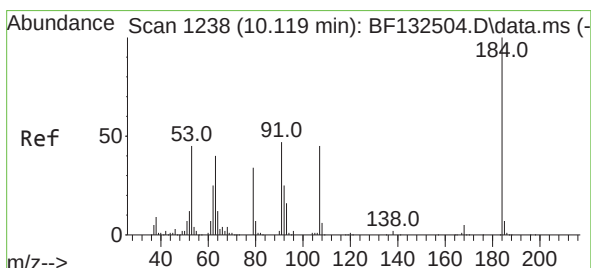
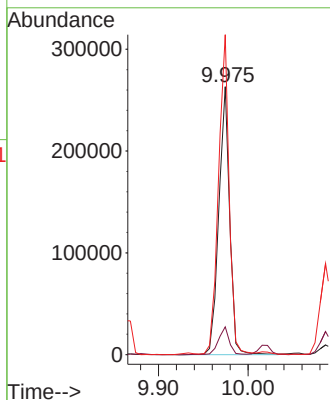
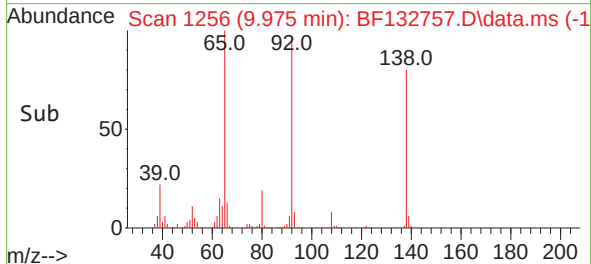
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



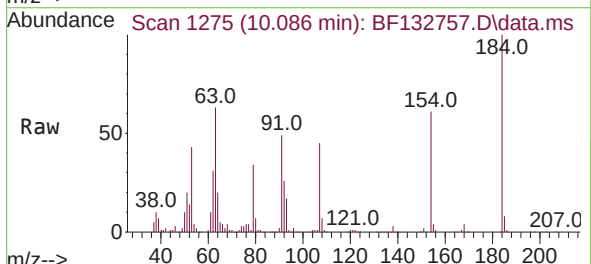
Tgt Ion:138 Resp: 223212
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 119.5 97.2 145.8

Manual Integrations
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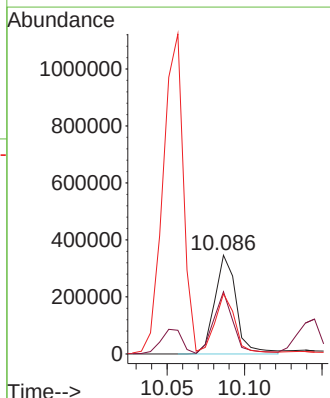
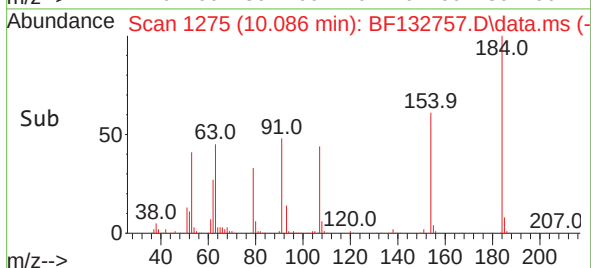
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

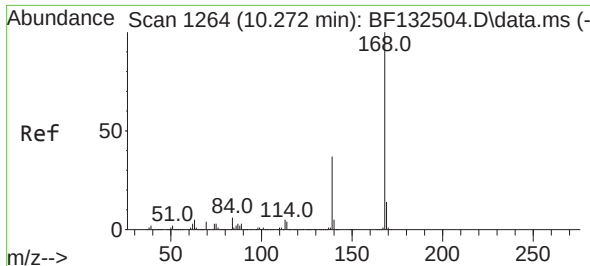


#54
2,4-Dinitrophenol
Concen: 75.309 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



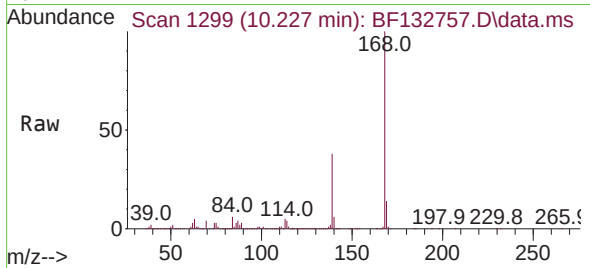
Tgt Ion:184 Resp: 335884
Ion Ratio Lower Upper
184 100
63 63.0 51.4 77.2
154 60.9 48.3 72.5





#55
Dibenzofuran
Concen: 42.537 ng
RT: 10.227 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

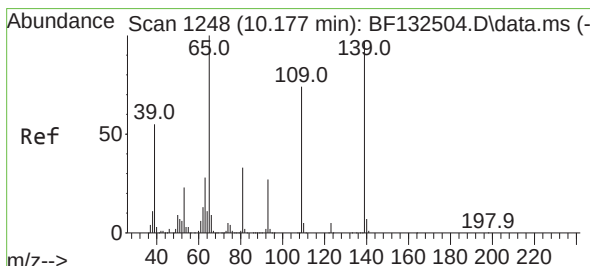
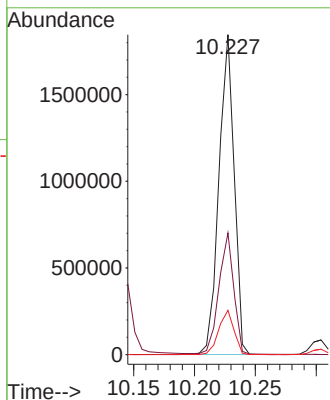
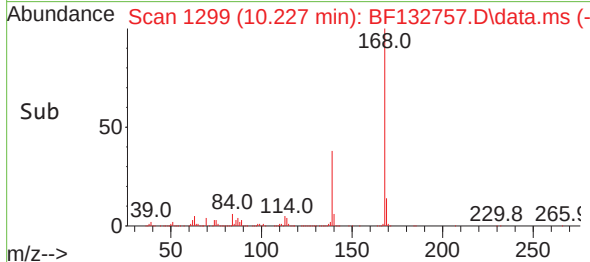
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:168 Resp: 1607496
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 13.8 10.9 16.3

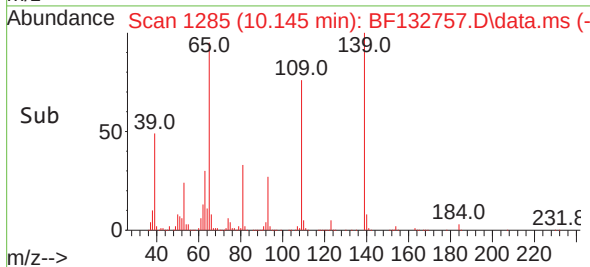
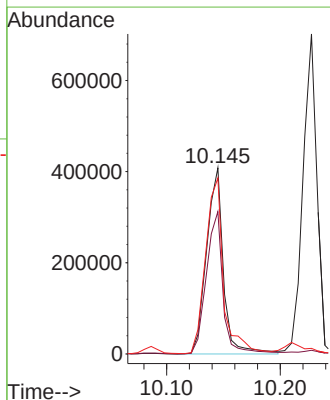
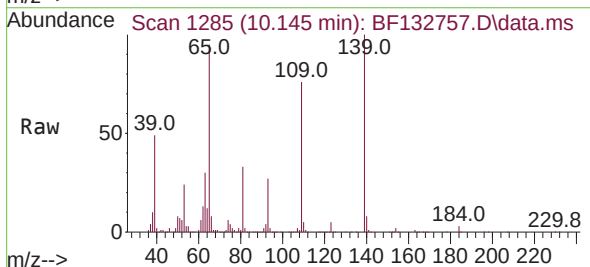
Manual Integrations
APPROVED

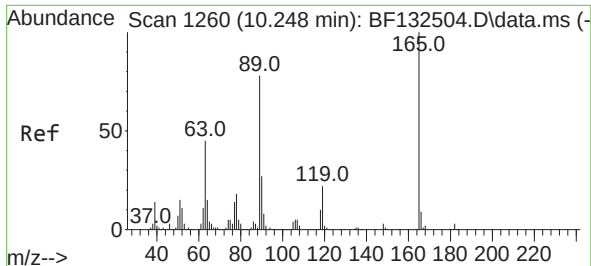
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#56
4-Nitrophenol
Concen: 71.272 ng
RT: 10.145 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

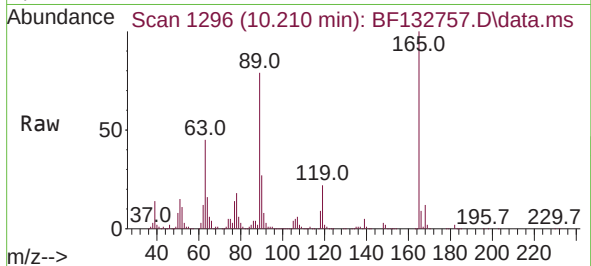
Tgt Ion:139 Resp: 421436
Ion Ratio Lower Upper
139 100
109 76.5 56.7 96.7
65 94.6 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 43.211 ng
RT: 10.210 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

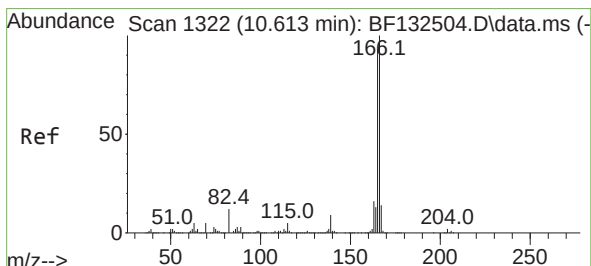
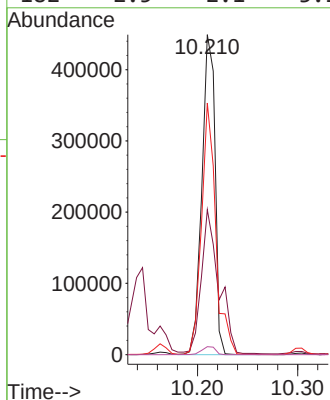
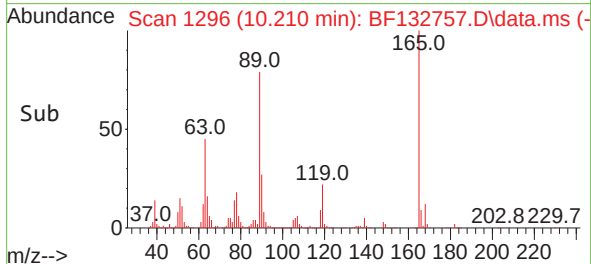
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:165 Resp: 407465
Ion Ratio Lower Upper
165 100
63 45.3 36.5 54.7
89 78.6 62.4 93.6
182 2.5 2.1 3.1

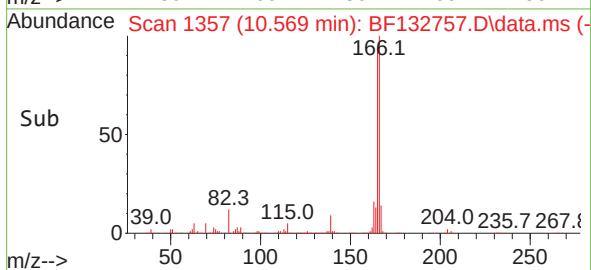
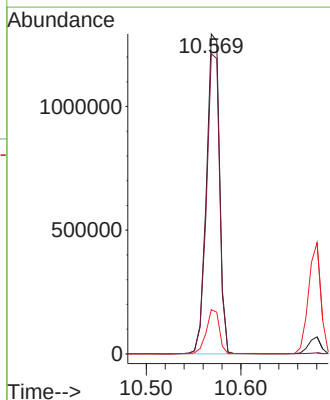
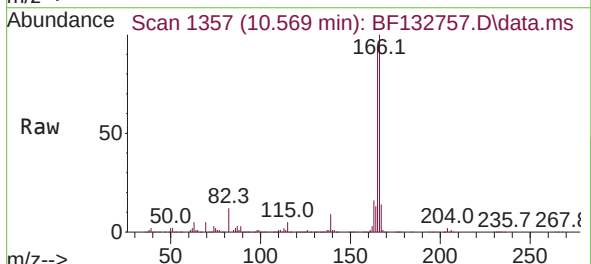
Manual Integrations
APPROVED

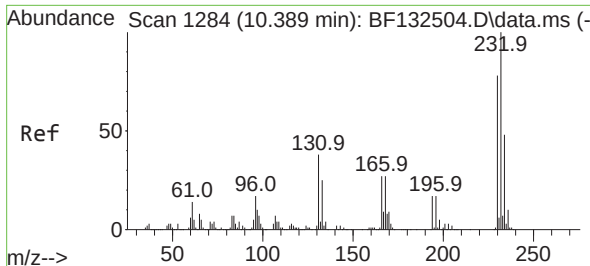
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#58
Fluorene
Concen: 43.312 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

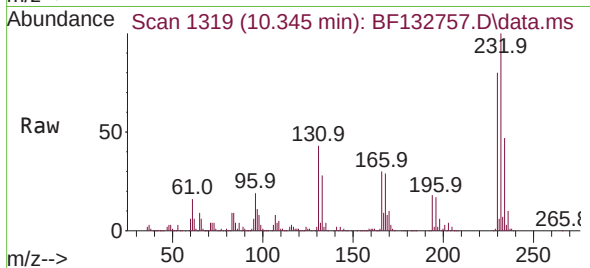
Tgt Ion:166 Resp: 1251997
Ion Ratio Lower Upper
166 100
165 93.8 74.2 111.4
167 13.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.237 ng
RT: 10.345 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

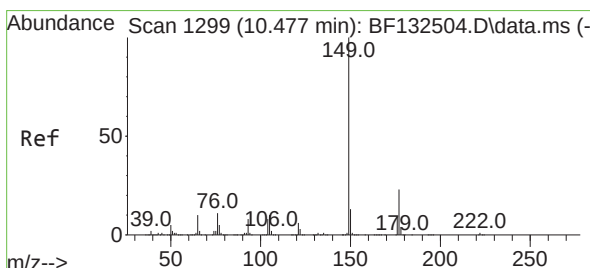
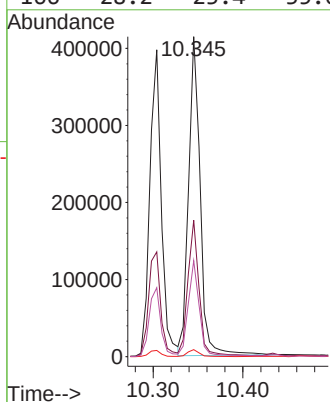
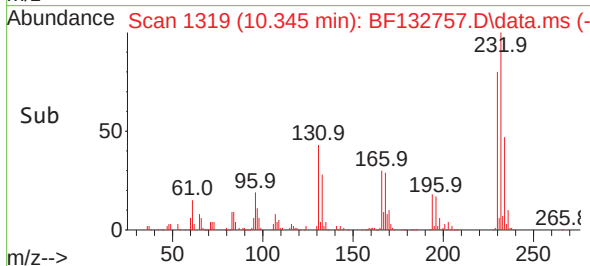
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



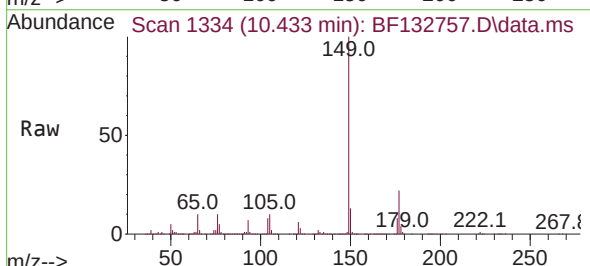
Tgt Ion:232 Resp: 371711
Ion Ratio Lower Upper
232 100
131 40.5 33.8 50.8
130 2.2 1.7 2.5
166 28.2 23.4 35.0

Manual Integrations
APPROVED

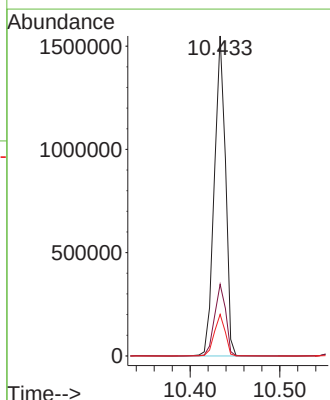
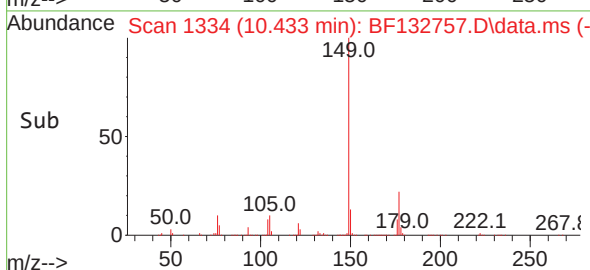
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

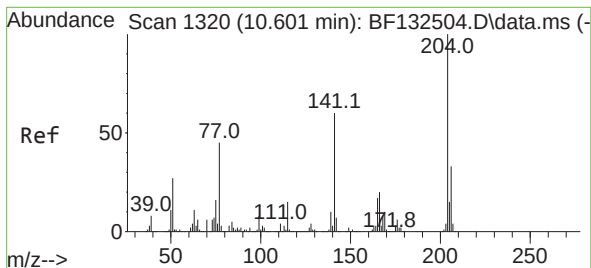


#60
Diethylphthalate
Concen: 43.777 ng
RT: 10.433 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



Tgt Ion:149 Resp: 1330688
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 13.0 10.2 15.2





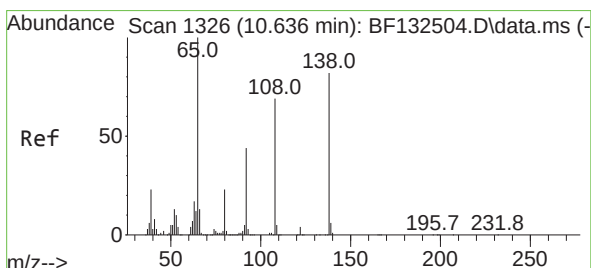
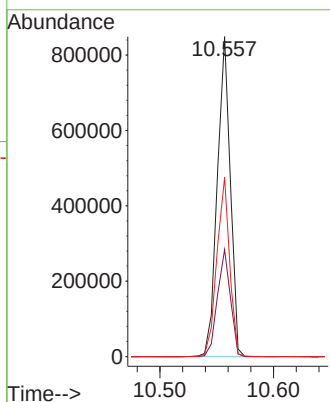
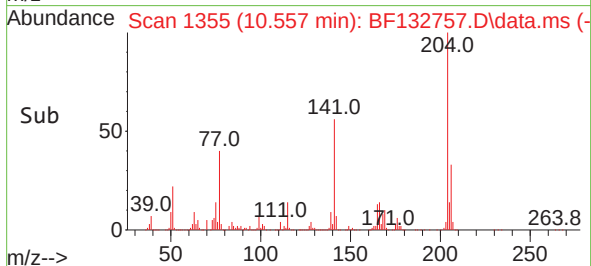
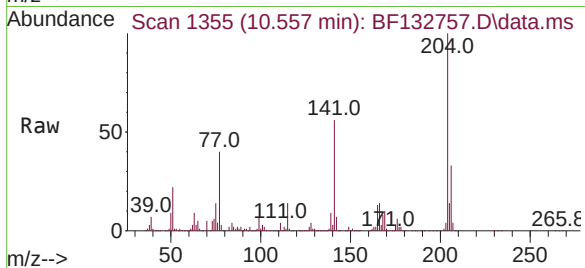
#61
4-Chlorophenyl-phenylether
Concen: 44.839 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion:204 Resp: 67239
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 56.0 47.8 71.8

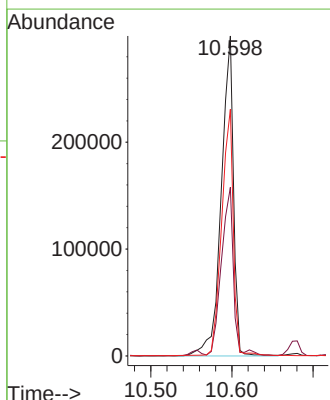
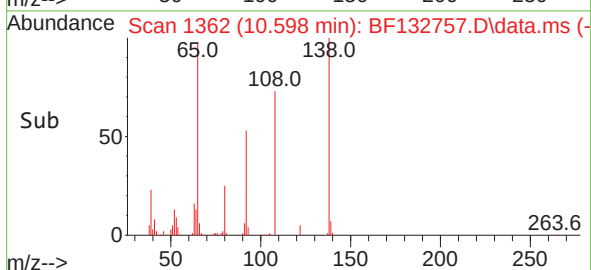
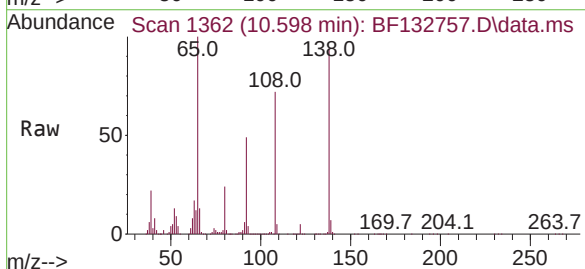
Manual Integrations
APPROVED

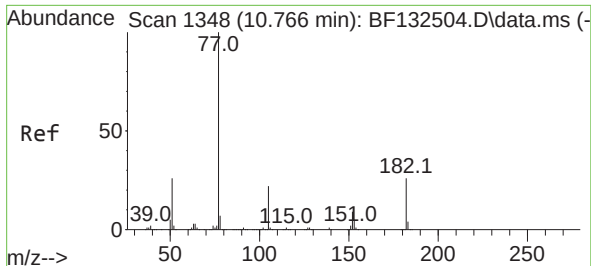
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#62
4-Nitroaniline
Concen: 40.146 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

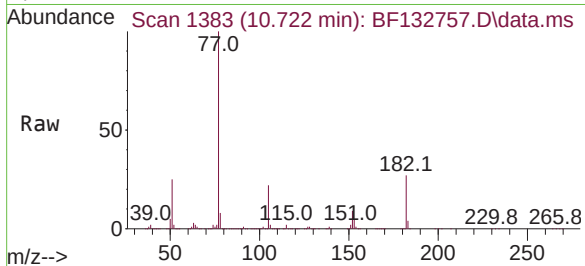
Tgt Ion:138 Resp: 312456
Ion Ratio Lower Upper
138 100
92 52.7 33.8 73.8
108 77.1 63.7 103.7





#63
Azobenzene
Concen: 42.010 ng
RT: 10.722 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

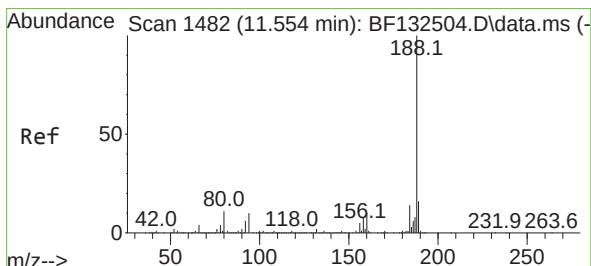
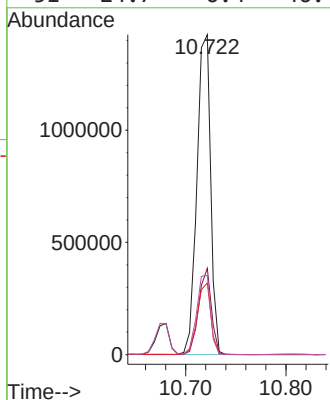
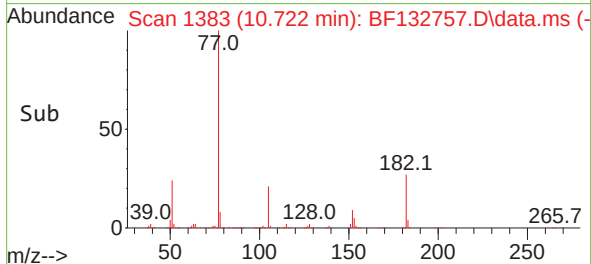
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



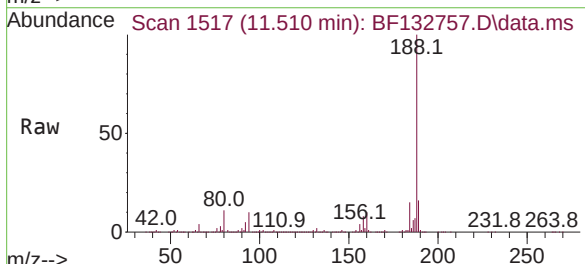
Tgt Ion: 77 Resp: 1352393
Ion Ratio Lower Upper
77 100
182 27.0 5.5 45.5
105 22.4 1.8 41.8
51 24.7 6.4 46.4

Manual Integrations
APPROVED

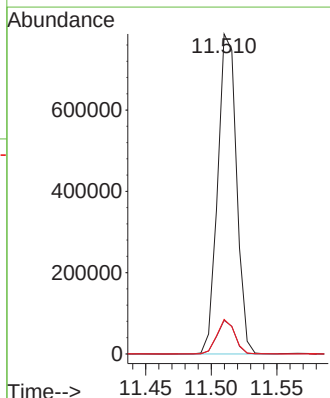
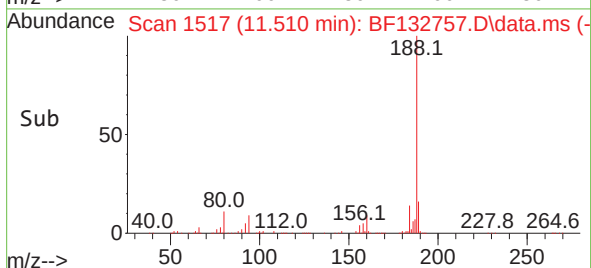
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

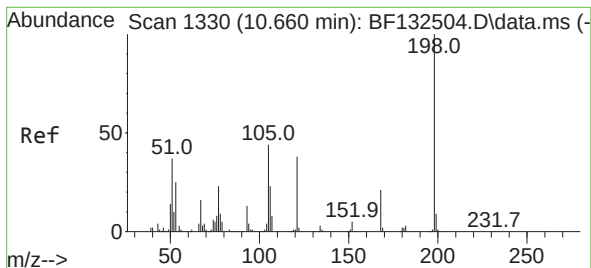


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



Tgt Ion:188 Resp: 789011
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 10.8 8.7 13.1





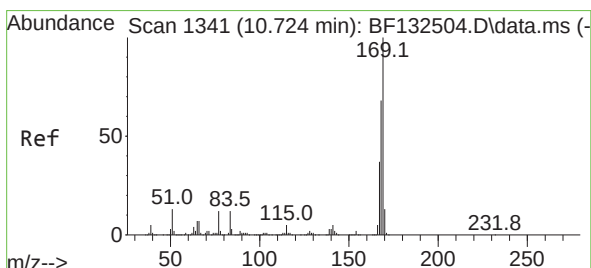
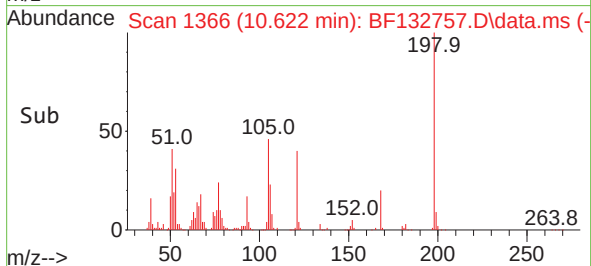
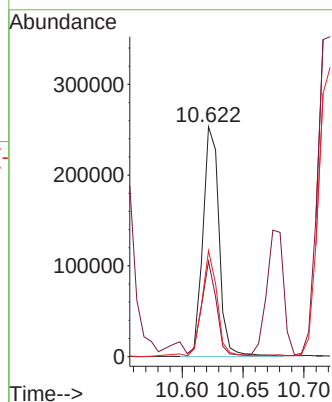
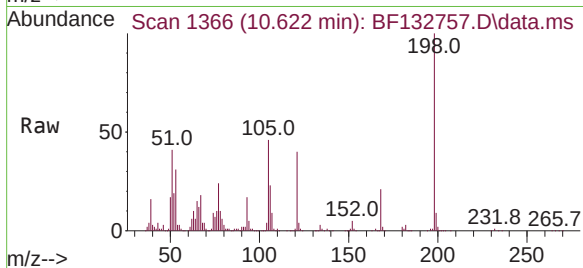
#65
4,6-Dinitro-2-methylphenol
Concen: 44.054 ng
RT: 10.622 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion:198 Resp: 235304
Ion Ratio Lower Upper
198 100
51 41.4 20.6 60.6
105 46.0 24.3 64.3

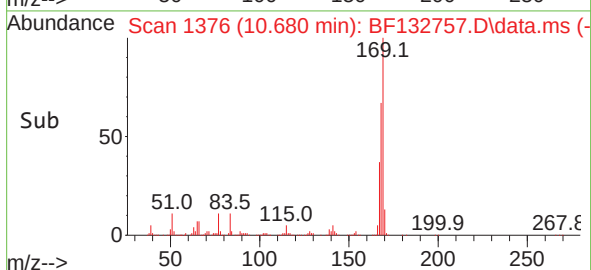
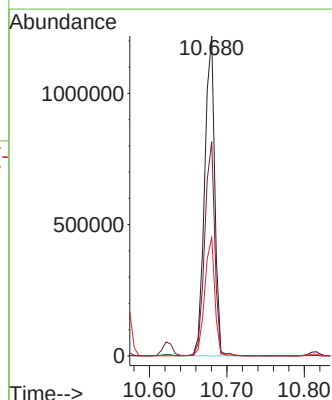
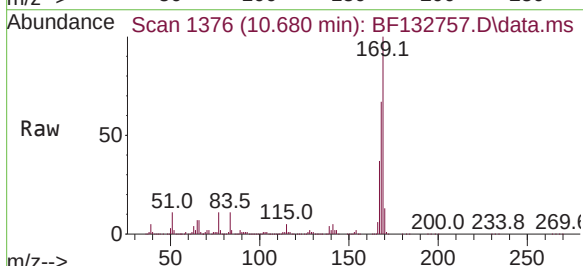
Manual Integrations
APPROVED

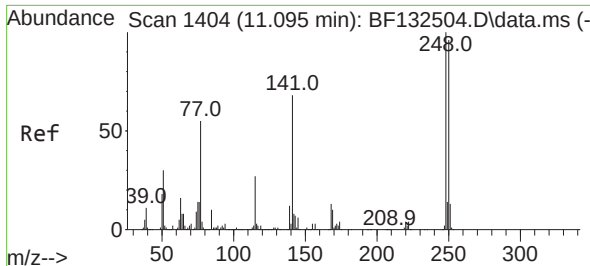
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#66
n-Nitrosodiphenylamine
Concen: 44.554 ng
RT: 10.680 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

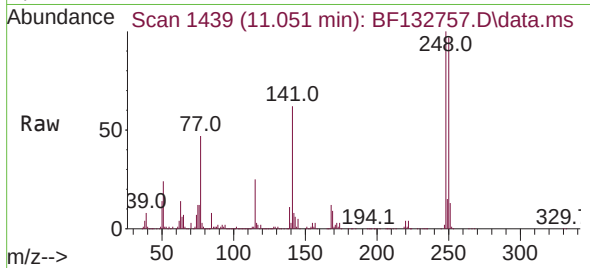
Tgt Ion:169 Resp: 1095927
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 36.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.716 ng
RT: 11.051 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

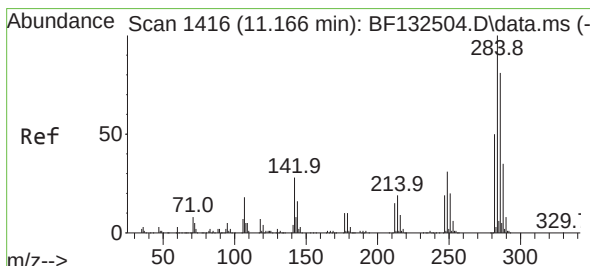
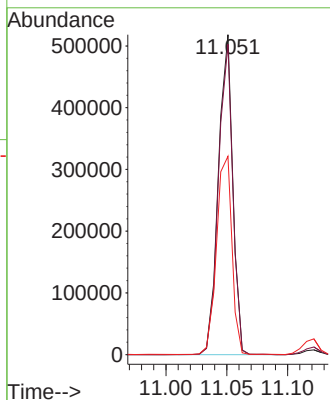
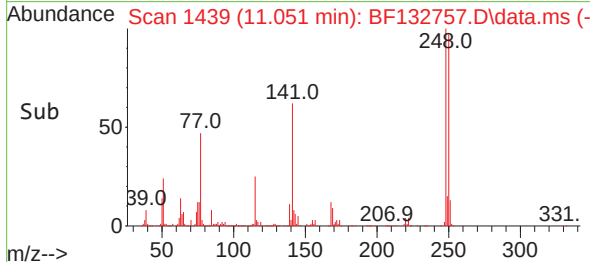
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



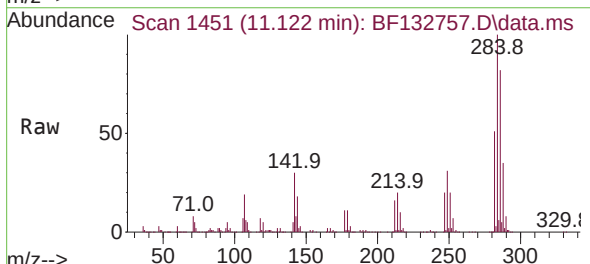
Tgt Ion:248 Resp: 425866
Ion Ratio Lower Upper
248 100
250 97.0 77.0 115.4
141 62.0 54.2 81.2

Manual Integrations
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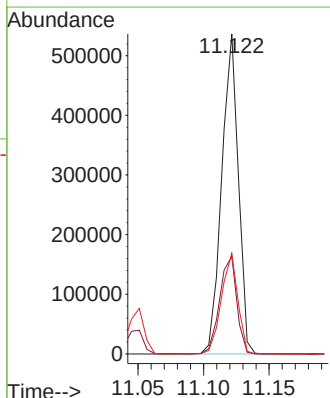
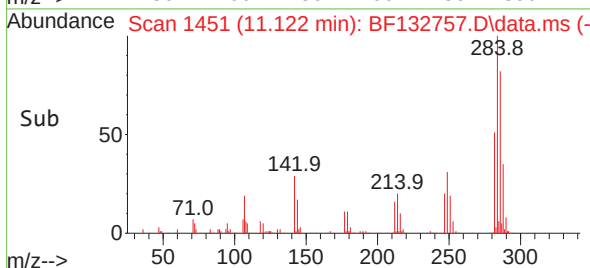
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

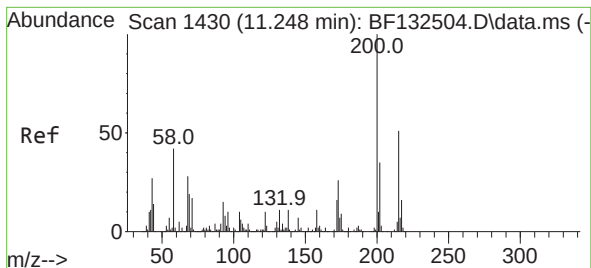


#68
Hexachlorobenzene
Concen: 50.406 ng
RT: 11.122 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



Tgt Ion:284 Resp: 473373
Ion Ratio Lower Upper
284 100
142 30.4 22.2 33.4
249 31.4 24.9 37.3





#69

Atrazine

Concen: 50.794 ng

RT: 11.204 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

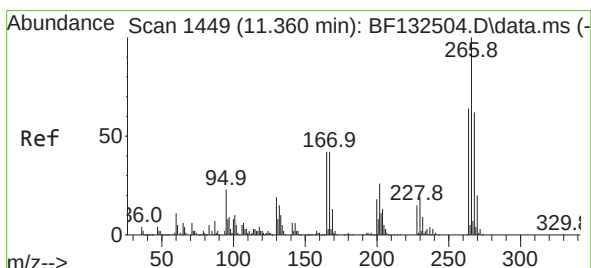
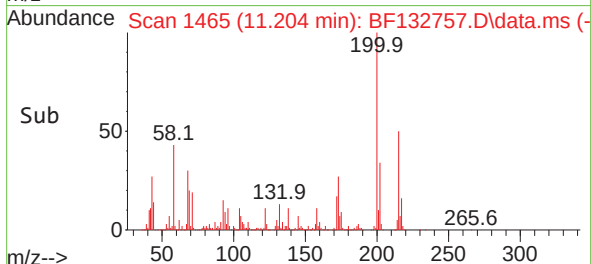
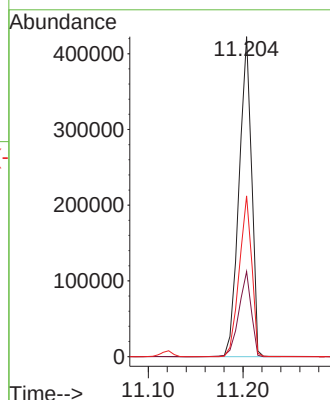
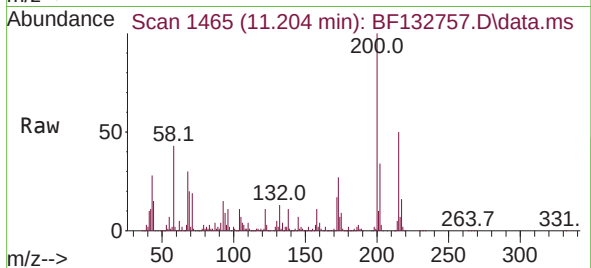
PB151350BSD

Tgt Ion:200 Resp: 390059
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.4 46.4
 215 50.2 31.0 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#70

Pentachlorophenol

Concen: 75.205 ng

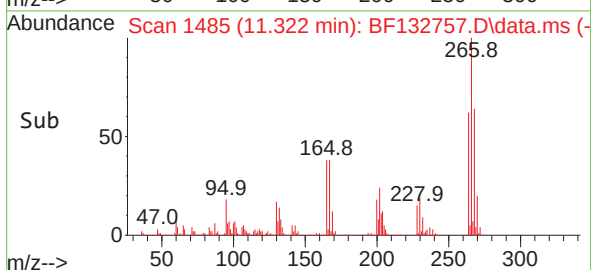
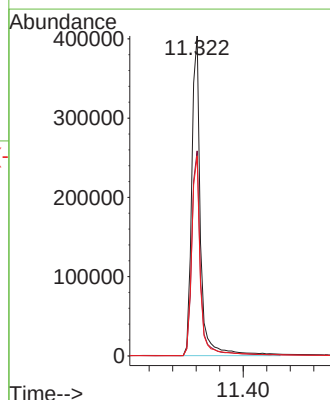
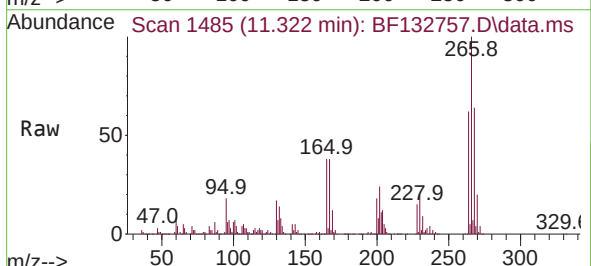
RT: 11.322 min Scan# 1485

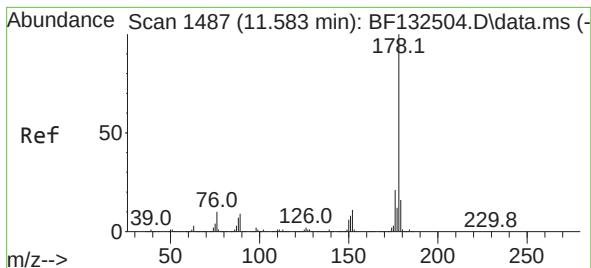
Delta R.T. 0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion:266 Resp: 420198
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.8 74.6
 264 62.5 50.9 76.3





#71

Phenanthrene

Concen: 43.997 ng

RT: 11.539 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion:178 Resp: 1798358

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

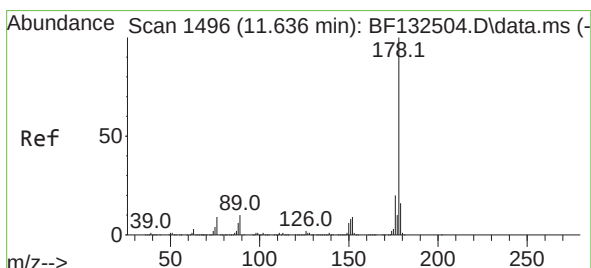
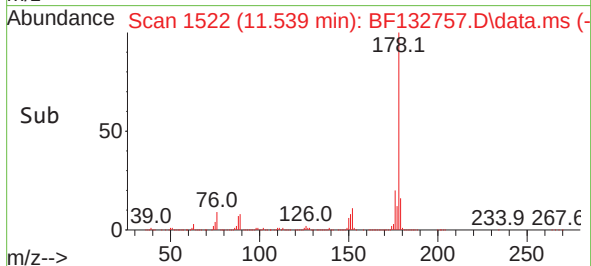
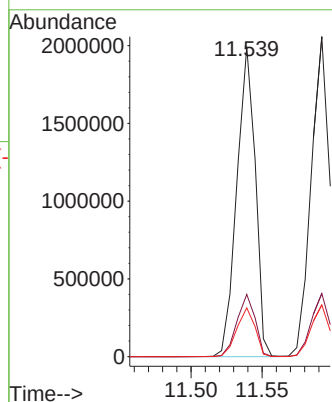
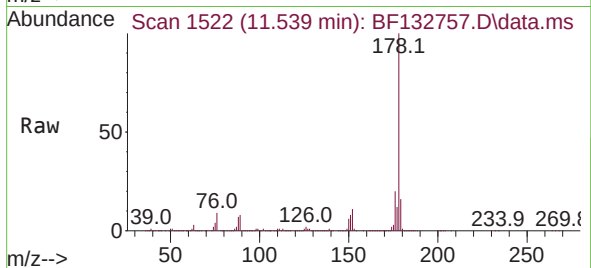
179 15.7 13.0 19.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#72

Anthracene

Concen: 43.715 ng

RT: 11.592 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

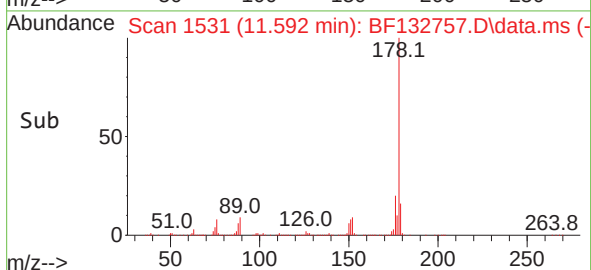
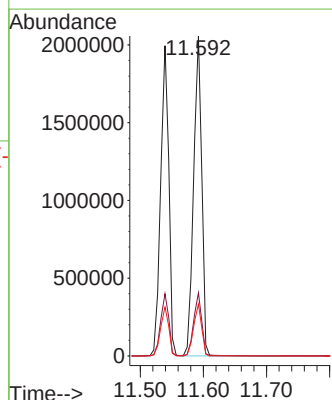
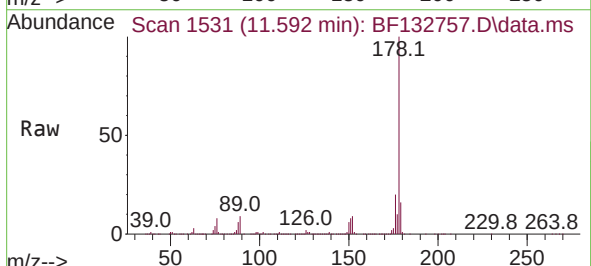
Tgt Ion:178 Resp: 1840028

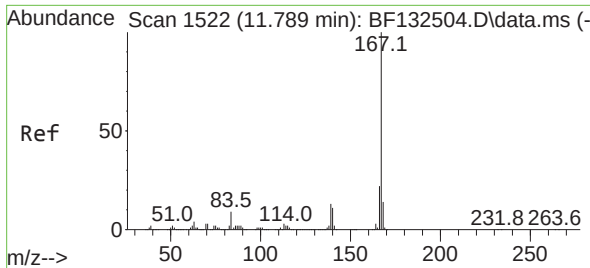
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 16.2 12.5 18.7





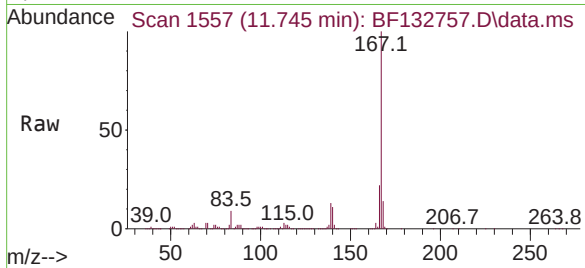
#73
 Carbazole
 Concen: 42.449 ng
 RT: 11.745 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

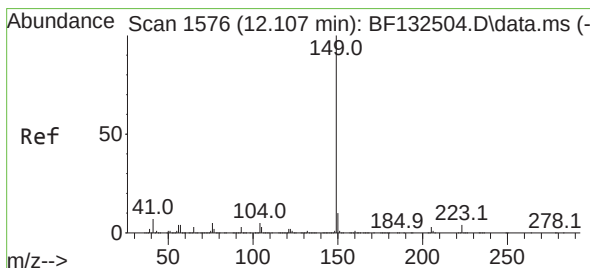
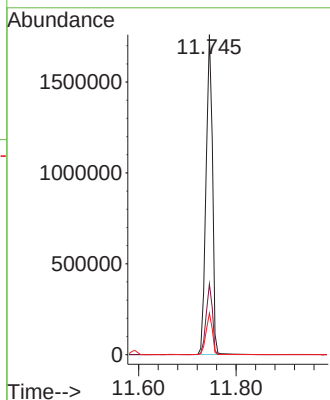
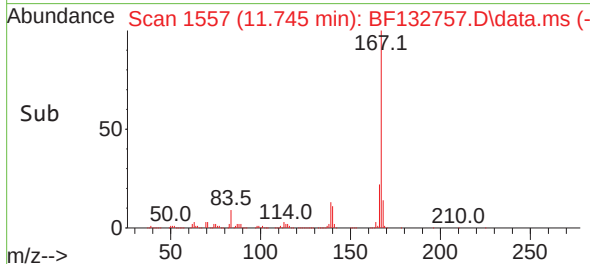


Tgt Ion:167 Resp: 1610937
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.9 10.5 15.7

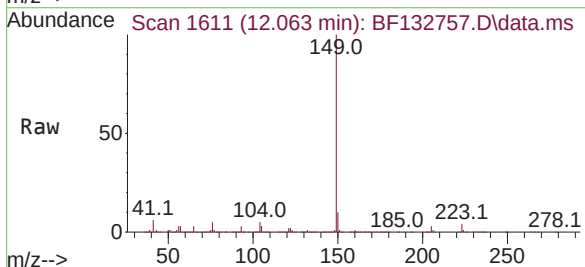
Manual Integrations

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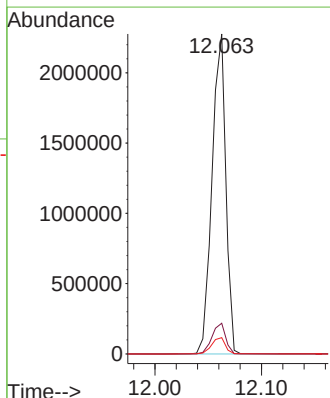
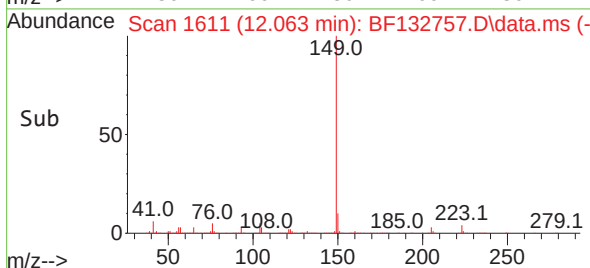
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023

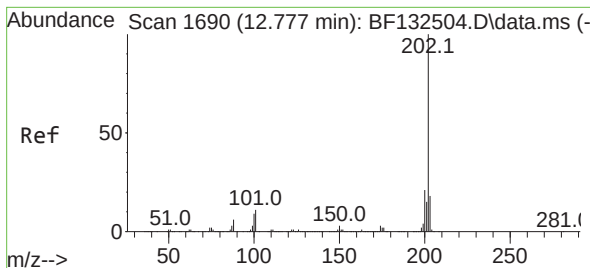


#74
 Di-n-butylphthalate
 Concen: 46.044 ng
 RT: 12.063 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF132757.D
 Acq: 13 Mar 2023 13:04



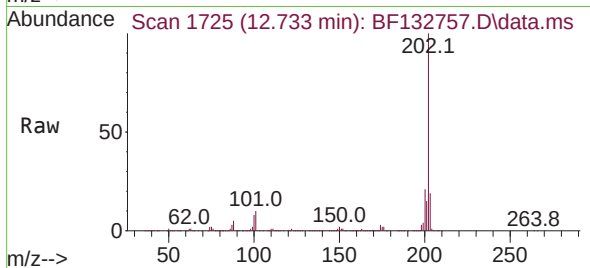
Tgt Ion:149 Resp: 2049671
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 42.959 ng
RT: 12.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

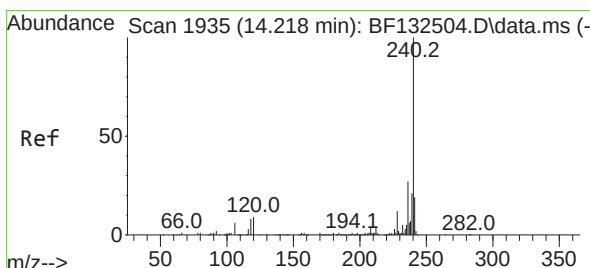
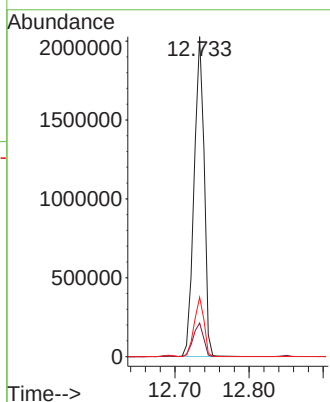
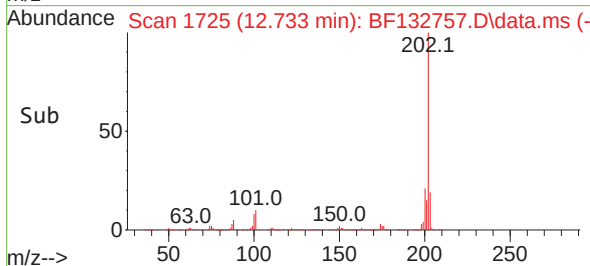
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



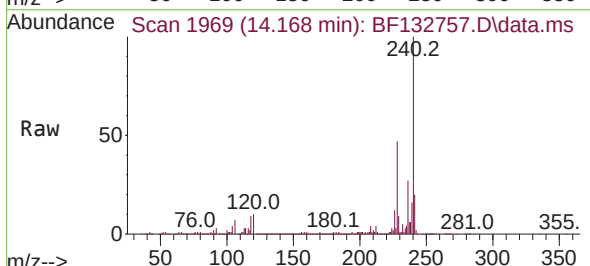
Tgt Ion:202 Resp: 1919597
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.5 0.0 38.0

Manual Integrations
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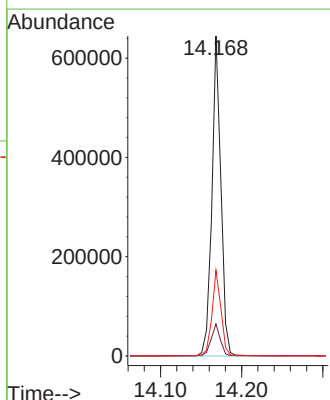
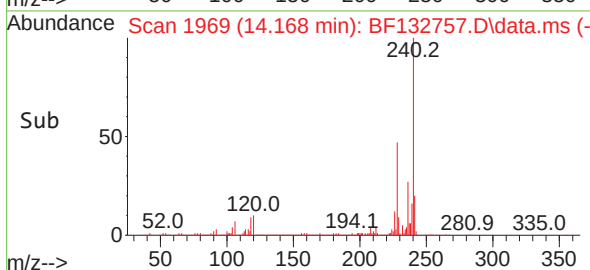
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

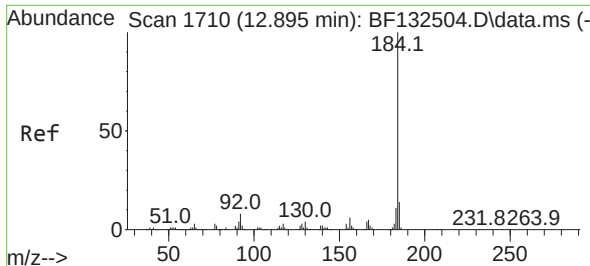


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



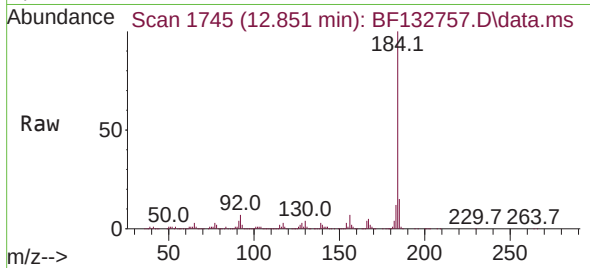
Tgt Ion:240 Resp: 497292
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.7 21.8 32.6





#77
Benzidine
Concen: 72.424 ng
RT: 12.851 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

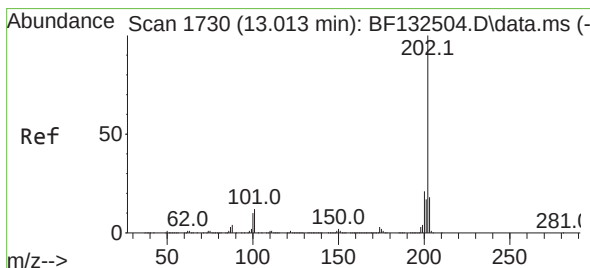
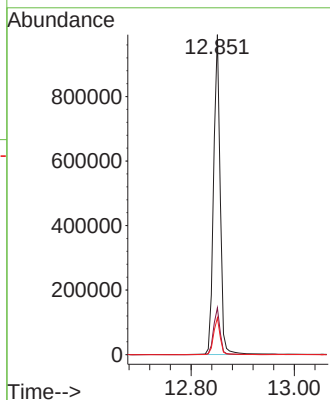
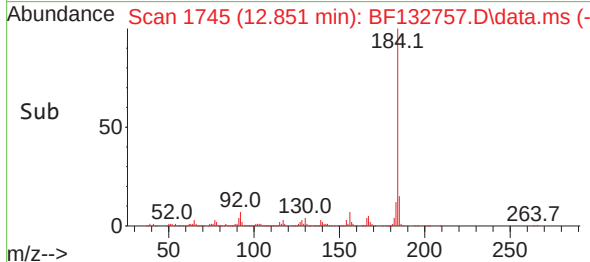
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



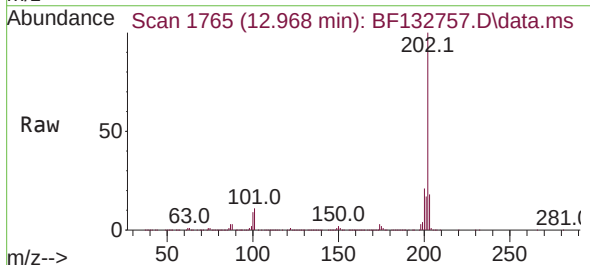
Tgt Ion:184 Resp: 876734
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.5 8.7 13.1

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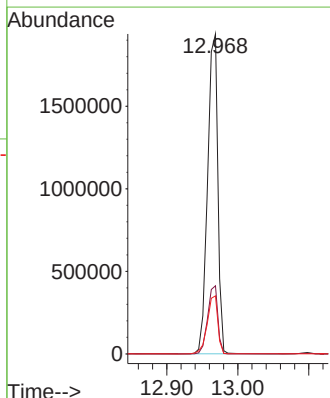
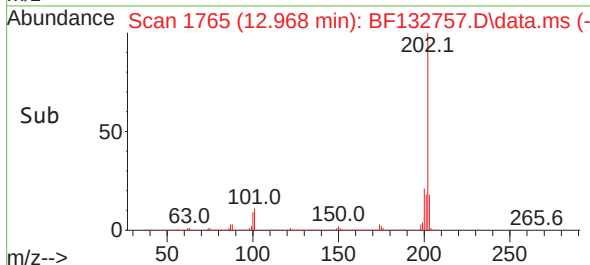
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

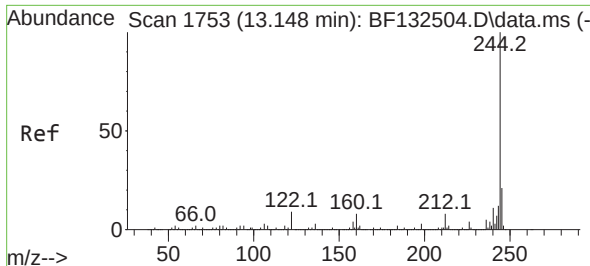


#78
Pyrene
Concen: 42.578 ng
RT: 12.968 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



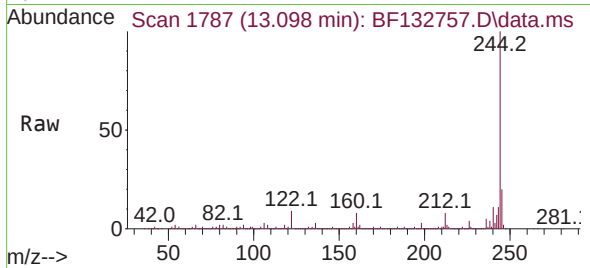
Tgt Ion:202 Resp: 1925054
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.1 14.6 21.8





#79
Terphenyl-d14
Concen: 69.990 ng
RT: 13.098 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

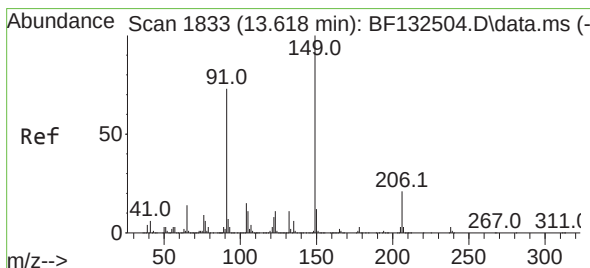
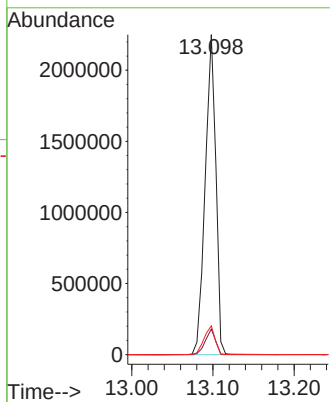
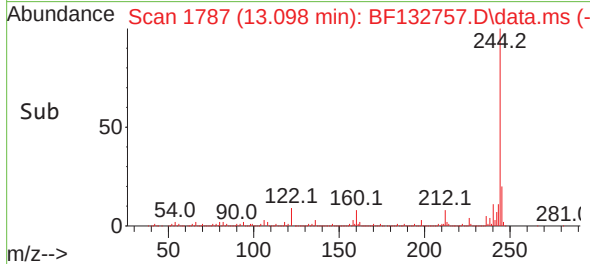
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:244 Resp: 2058599
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.0 7.5 11.3

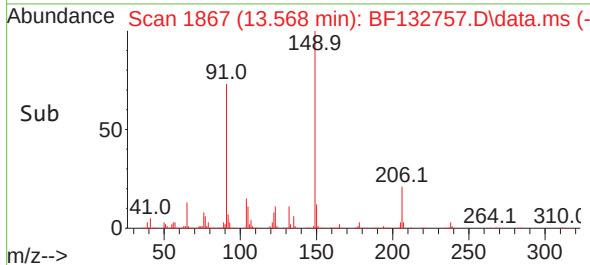
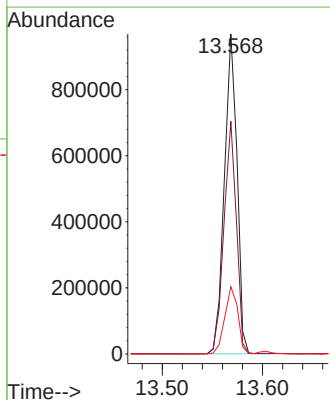
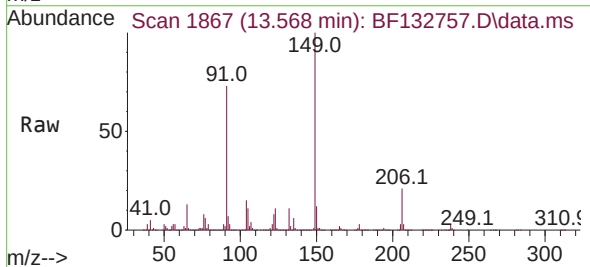
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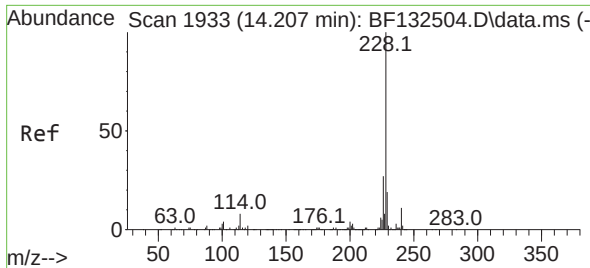
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#80
Butylbenzylphthalate
Concen: 47.912 ng
RT: 13.568 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:149 Resp: 854838
Ion Ratio Lower Upper
149 100
91 72.7 58.4 87.6
206 21.0 16.8 25.2





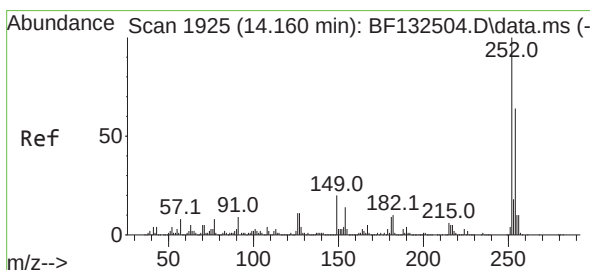
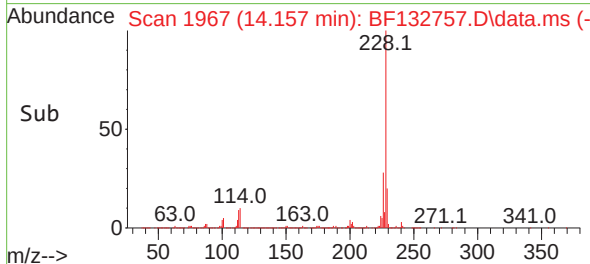
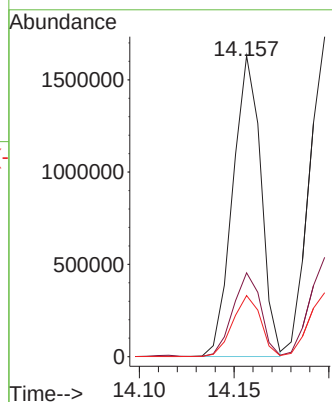
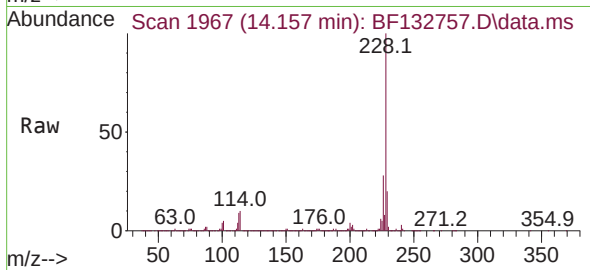
#81
Benzo(a)anthracene
Concen: 45.176 ng
RT: 14.157 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB151350BSD

Tgt Ion:228 Resp: 1680936
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.3 15.4 23.2

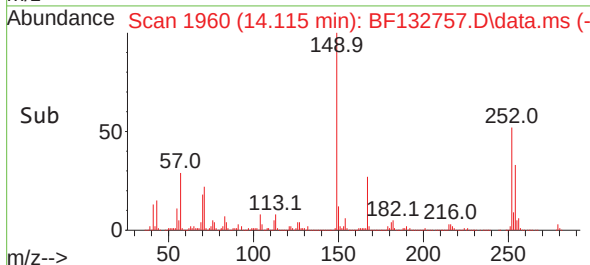
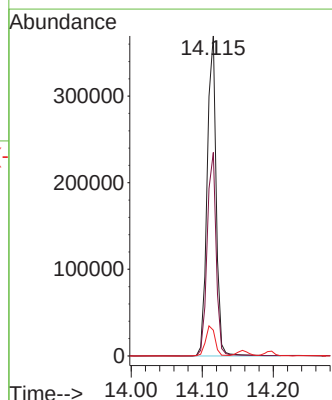
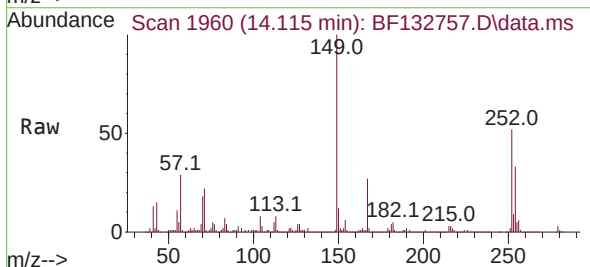
Manual Integrations
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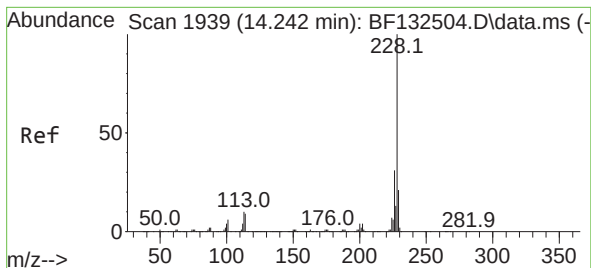
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 29.323 ng
RT: 14.115 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:252 Resp: 321667
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.2
126 8.0 8.9 13.3#





#83

Chrysene

Concen: 45.059 ng

RT: 14.198 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion:228 Resp: 1567812

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

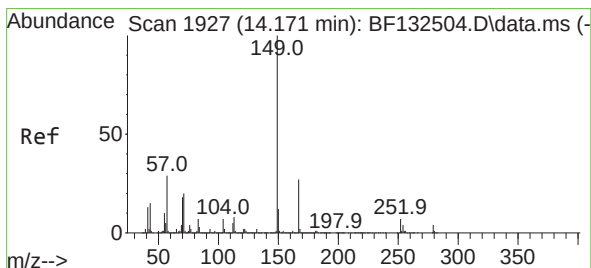
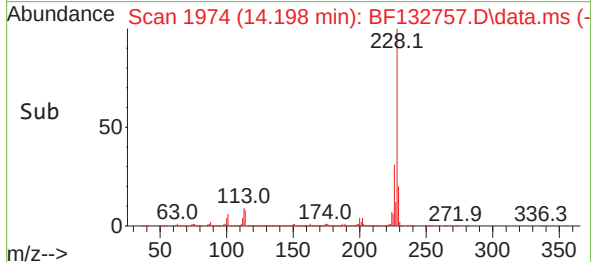
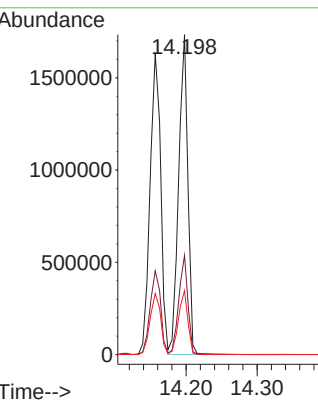
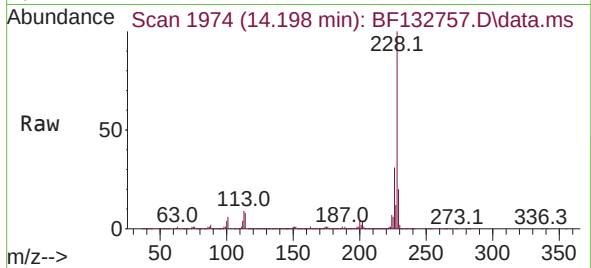
229 20.0 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.562 ng

RT: 14.121 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

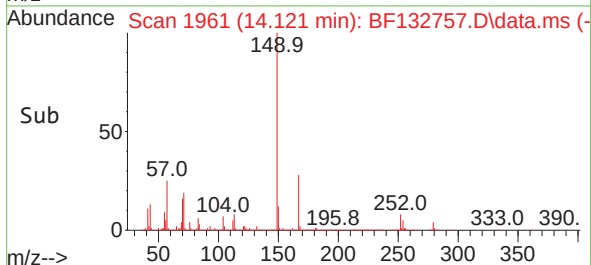
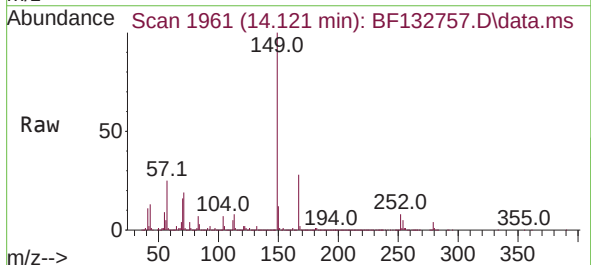
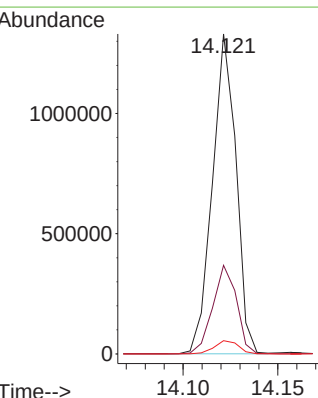
Tgt Ion:149 Resp: 1152029

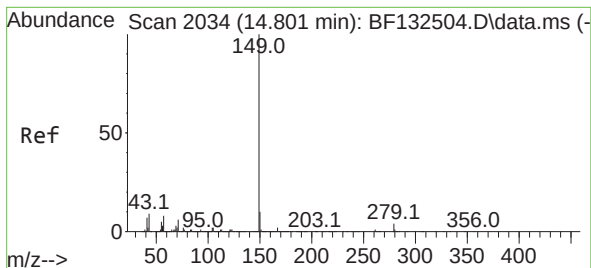
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.1 3.0 4.6





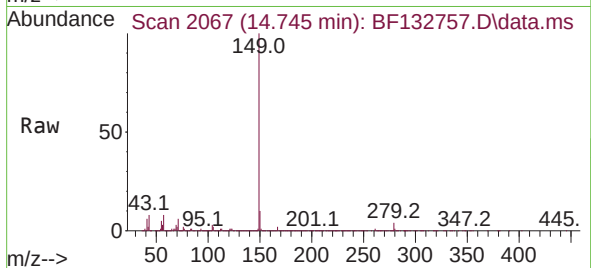
#85
Di-n-octyl phthalate
Concen: 59.352 ng
RT: 14.745 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

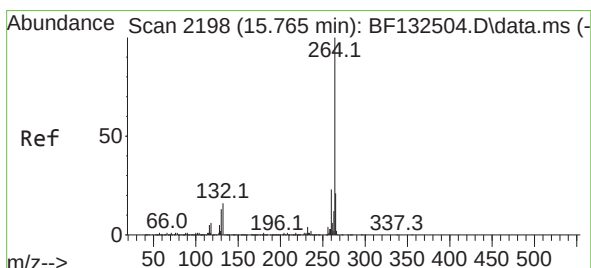
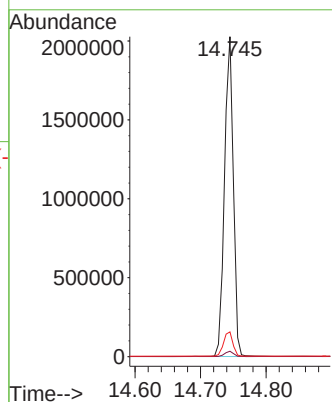
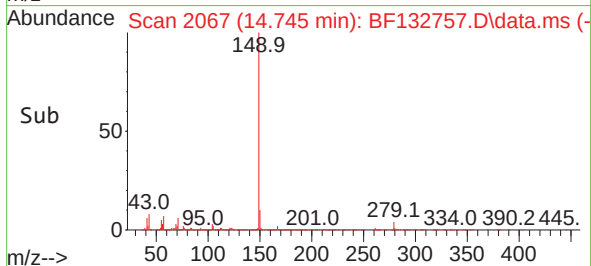


Tgt Ion:149 Resp: 1900944
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 7.2 10.8

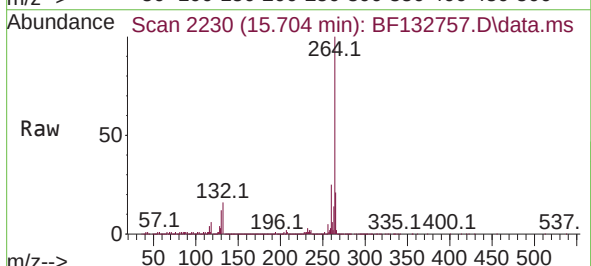
Manual Integrations

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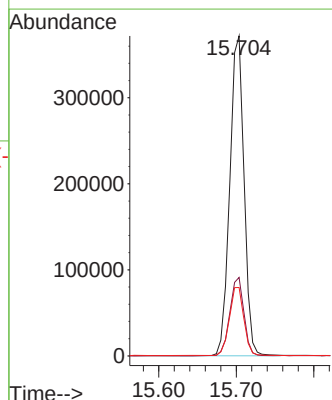
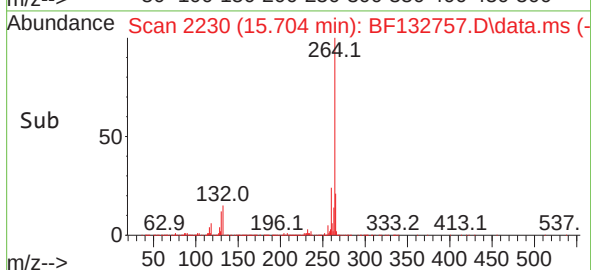
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

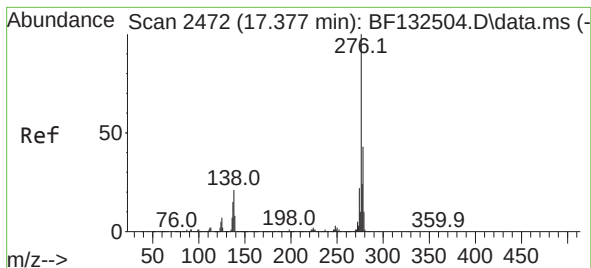


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2230
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04



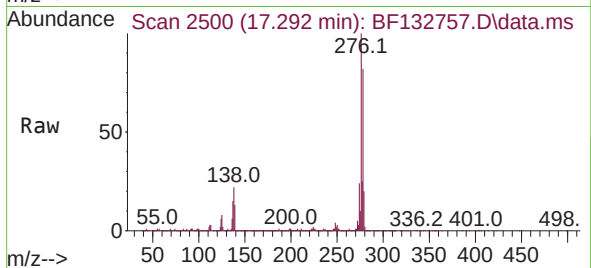
Tgt Ion:264 Resp: 477532
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.4 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.057 ng
RT: 17.292 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

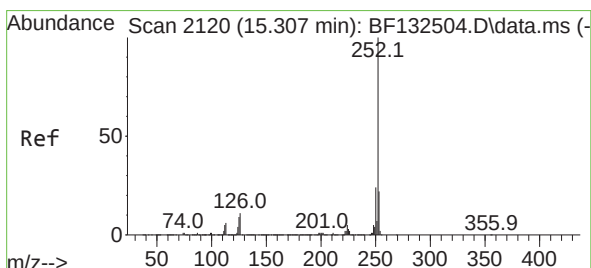
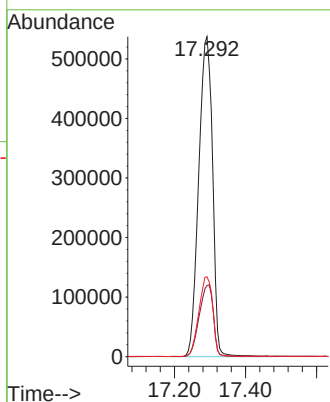
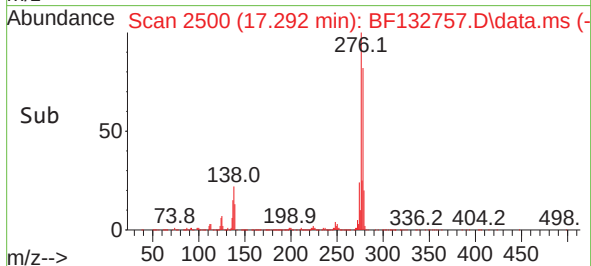
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:276 Resp: 144112
Ion Ratio Lower Upper
276 100
138 22.6 19.0 28.4
277 25.1 20.0 30.0

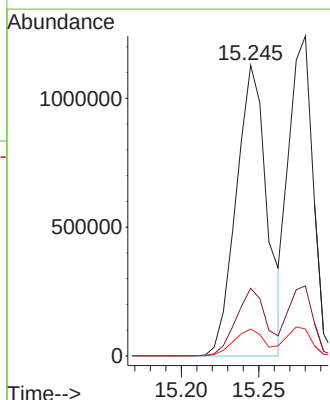
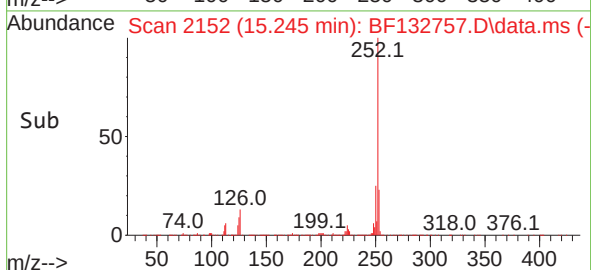
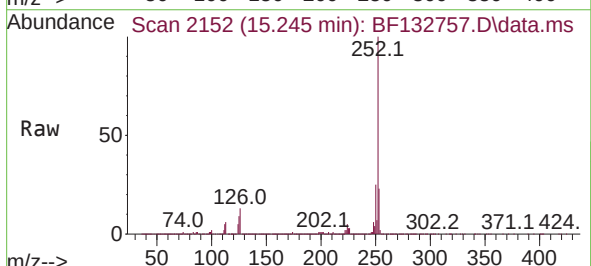
Manual Integrations
APPROVED

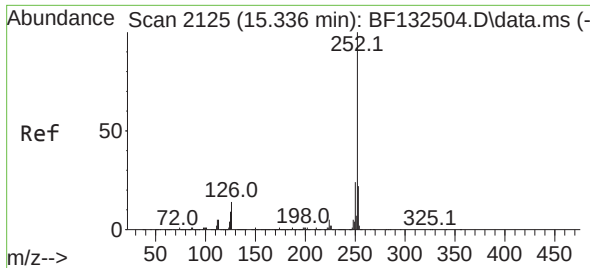
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#88
Benzo(b)fluoranthene
Concen: 48.793 ng
RT: 15.245 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

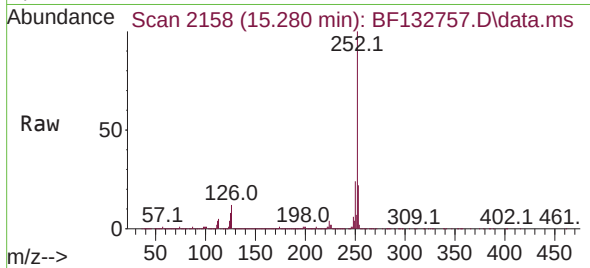
Tgt Ion:252 Resp: 1561454
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.2 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 43.197 ng
RT: 15.280 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

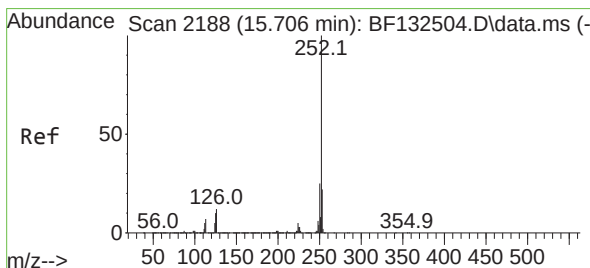
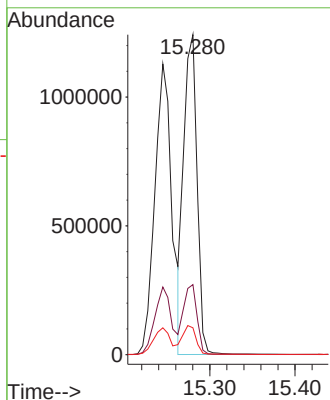
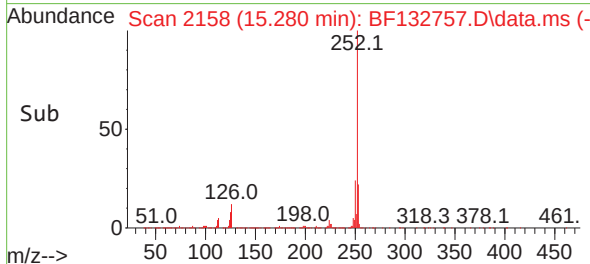
Instrument :
BNA_F
ClientSampleId :
PB151350BSD



Tgt Ion:252 Resp: 1352918
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.4 7.2 10.8

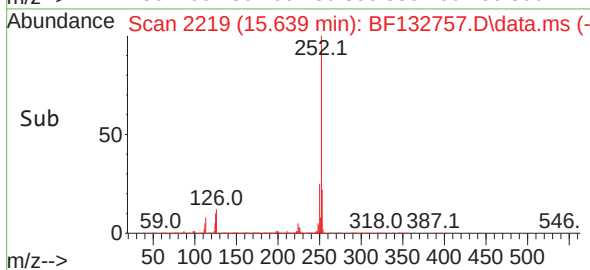
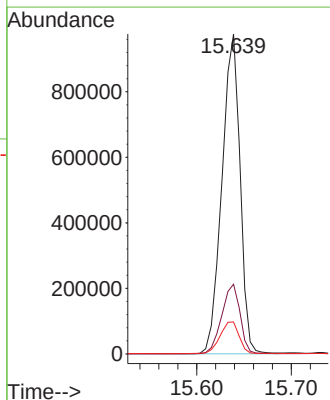
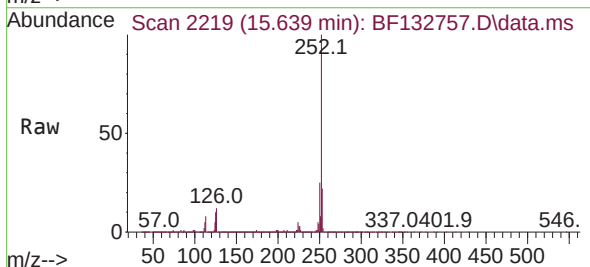
Manual Integrations
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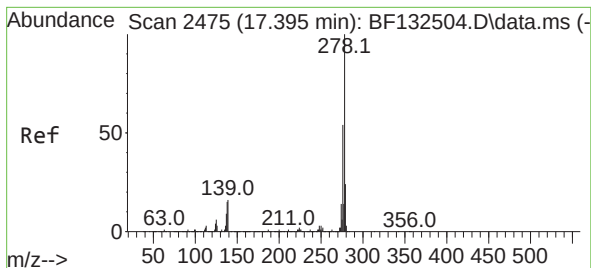
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#90
Benzo(a)pyrene
Concen: 43.158 ng
RT: 15.639 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF132757.D
Acq: 13 Mar 2023 13:04

Tgt Ion:252 Resp: 1292623
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.0 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 46.094 ng

RT: 17.303 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Instrument :

BNA_F

ClientSampleId :

PB151350BSD

Tgt Ion:278 Resp: 1175115

Ion Ratio Lower Upper

278 100

139 14.1 13.0 19.4

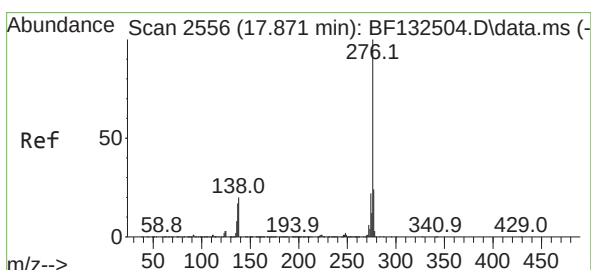
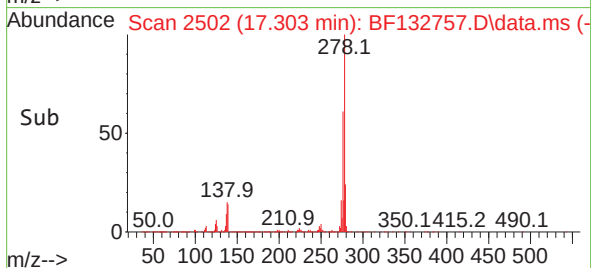
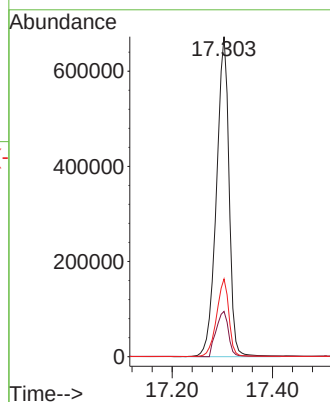
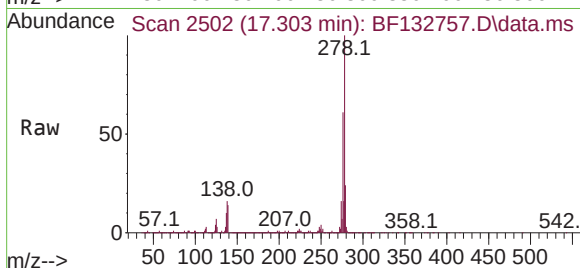
279 24.3 19.0 28.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#92

Benzo(g,h,i)perylene

Concen: 41.425 ng

RT: 17.774 min Scan# 2582

Delta R.T. 0.006 min

Lab File: BF132757.D

Acq: 13 Mar 2023 13:04

Tgt Ion:276 Resp: 1186915

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 20.0 16.2 24.4

