

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132970.D
 Acq On : 21 Apr 2023 15:47
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 22 03:14:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:12:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	215323	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	832054	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	414309	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	713498	20.000	ng	0.00
76) Chrysene-d12	13.910	240	437491	20.000	ng	0.00
86) Perylene-d12	15.327	264	382188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1292109	90.649	ng	0.00
7) Phenol-d6	6.393	99	1619178	91.519	ng	0.00
23) Nitrobenzene-d5	7.322	82	1456282	94.472	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	394673	94.721	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2238879	90.407	ng	0.00
79) Terphenyl-d14	12.863	244	2358081	92.960	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	306200	46.313	ng	100
3) Pyridine	3.134	79	846553	48.209	ng	100
4) n-Nitrosodimethylamine	3.093	42	424457	46.666	ng	100
6) Aniline	6.422	93	1081160	47.446	ng	99
8) 2-Chlorophenol	6.540	128	659542	45.572	ng	96
9) Benzaldehyde	6.298	77	367807	48.423	ng	97
10) Phenol	6.404	94	895636	45.888	ng	96
11) bis(2-Chloroethyl)ether	6.493	93	680992	46.496	ng	97
12) 1,3-Dichlorobenzene	6.692	146	705295	45.837	ng	99
13) 1,4-Dichlorobenzene	6.769	146	698438	45.291	ng	98
14) 1,2-Dichlorobenzene	6.928	146	638705	44.925	ng	98
15) Benzyl Alcohol	6.898	79	570556	46.686	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1174134	46.155	ng	100
17) 2-Methylphenol	7.010	107	610719	46.084	ng	99
18) Hexachloroethane	7.269	117	250388	46.702	ng	99
19) n-Nitroso-di-n-propyla...	7.181	70	491504	44.624	ng	99
20) 3+4-Methylphenols	7.169	107	681678	43.679	ng	95
22) Acetophenone	7.169	105	855253	44.373	ng	# 95
24) Nitrobenzene	7.340	77	747461	47.852	ng	96
25) Isophorone	7.581	82	1383272	47.263	ng	98
26) 2-Nitrophenol	7.657	139	375970	49.902	ng	94
27) 2,4-Dimethylphenol	7.698	122	600618	46.491	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	812482	46.925	ng	99
29) 2,4-Dichlorophenol	7.898	162	558207	47.463	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	568201	46.635	ng	99
31) Naphthalene	8.063	128	1868896	44.925	ng	99
32) Benzoic acid	7.828	122	445366m	55.625	ng	
33) 4-Chloroaniline	8.110	127	763855	45.446	ng	99
34) Hexachlorobutadiene	8.181	225	311759	46.166	ng	99
35) Caprolactam	8.498	113	190511m	48.220	ng	
36) 4-Chloro-3-methylphenol	8.592	107	590301	46.544	ng	98
37) 2-Methylnaphthalene	8.751	142	1277838	44.930	ng	97
38) 1-Methylnaphthalene	8.851	142	1201646	45.164	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	512652	46.021	ng	100
41) Hexachlorocyclopentadiene	8.910	237	324234	49.908	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	365477	47.441	ng	99

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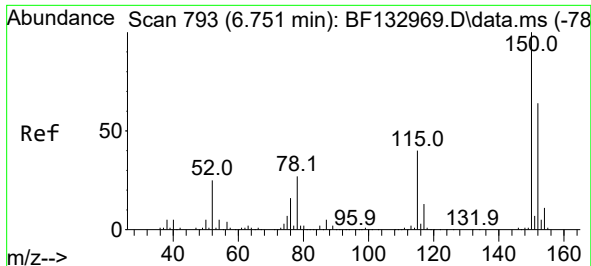
Manual Integrations
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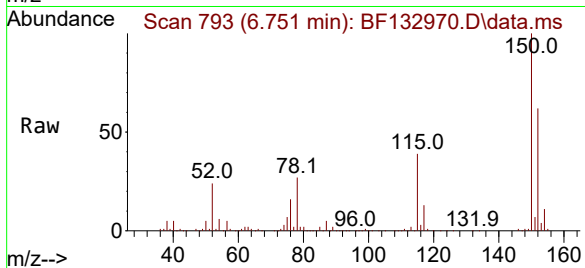
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	425824	47.793	ng	98
46) 1,1'-Biphenyl	9.216	154	1491916	45.412	ng	99
47) 2-Chloronaphthalene	9.239	162	1112797	46.278	ng	97
48) 2-Nitroaniline	9.334	65	385738	48.538	ng	95
49) Acenaphthylene	9.657	152	1770616	46.083	ng	99
50) Dimethylphthalate	9.522	163	1334911	46.208	ng	99
51) 2,6-Dinitrotoluene	9.581	165	314786	48.413	ng	91
52) Acenaphthene	9.828	154	1178545	45.799	ng	99
53) 3-Nitroaniline	9.745	138	377681	48.851	ng	97
54) 2,4-Dinitrophenol	9.845	184	178148	54.508	ng	92
55) Dibenzofuran	9.998	168	1590341	45.306	ng	99
56) 4-Nitrophenol	9.898	139	295849	49.407	ng	88
57) 2,4-Dinitrotoluene	9.981	165	402725	48.567	ng	95
58) Fluorene	10.339	166	1132688	44.043	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	327541	47.419	ng	99
60) Diethylphthalate	10.222	149	1267340	46.444	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	554533	44.247	ng	99
62) 4-Nitroaniline	10.363	138	333224	46.895	ng	99
63) Azobenzene	10.492	77	1340693	46.380	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	227807	52.676	ng	76
66) n-Nitrosodiphenylamine	10.457	169	1067120	46.108	ng	100
67) 4-Bromophenyl-phenylether	10.822	248	365937	47.289	ng	98
68) Hexachlorobenzene	10.886	284	374371	47.213	ng	97
69) Atrazine	10.980	200	310518	46.563	ng	98
70) Pentachlorophenol	11.075	266	278597	49.333	ng	97
71) Phenanthrene	11.298	178	1733098	45.193	ng	99
72) Anthracene	11.351	178	1769667	45.092	ng	100
73) Carbazole	11.504	167	1597925	45.727	ng	99
74) Di-n-butylphthalate	11.839	149	1885351	47.675	ng	100
75) Fluoranthene	12.486	202	1769085	45.966	ng	95
77) Benzidine	12.604	184	314605	42.525	ng	99
78) Pyrene	12.710	202	1814883	48.393	ng	100
80) Butylbenzylphthalate	13.339	149	698690	52.617	ng	98
81) Benzo(a)anthracene	13.898	228	1419115	47.170	ng	100
82) 3,3'-Dichlorobenzidine	13.863	252	409517	49.274	ng	99
83) Chrysene	13.939	228	1424125	47.349	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	830572	49.832	ng	100
85) Di-n-octyl phthalate	14.510	149	1391927	51.217	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	1127200	51.850	ng	99
88) Benzo(b)fluoranthene	14.927	252	1191408	49.000	ng	99
89) Benzo(k)fluoranthene	14.957	252	1124734	46.665	ng	100
90) Benzo(a)pyrene	15.274	252	1077280	48.677	ng	100
91) Dibenzo(a,h)anthracene	16.739	278	936793	51.665	ng	98
92) Benzo(g,h,i)perylene	17.139	276	945017	52.792	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

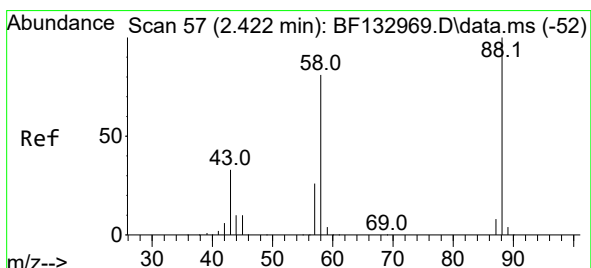
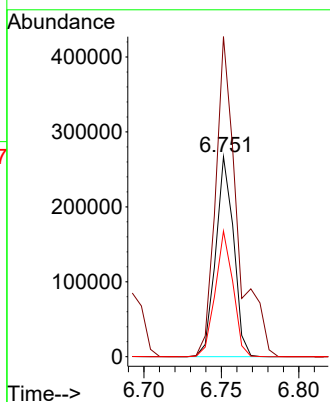
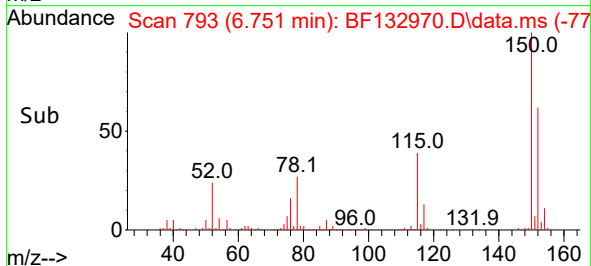
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



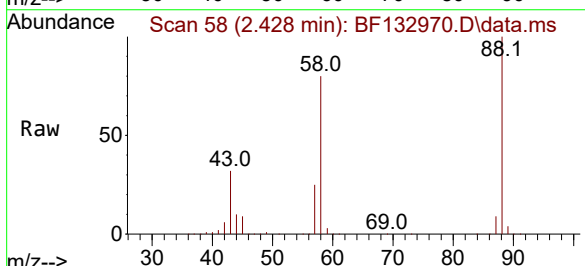
Tgt Ion:152 Resp: 21532
Ion Ratio Lower Upper
152 100
150 160.0 124.8 187.2
115 62.8 49.9 74.9

Manual Integrations
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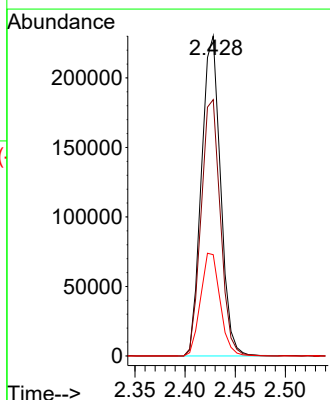
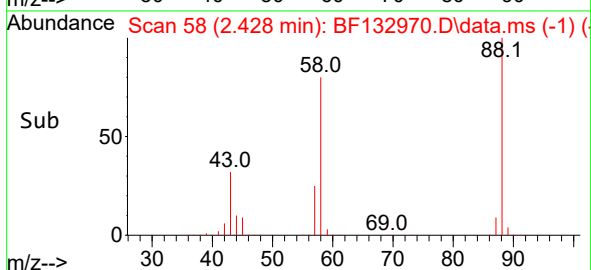
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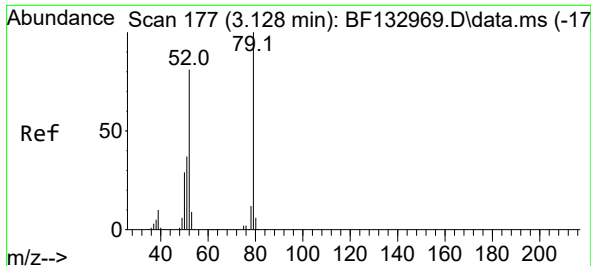


#2
1,4-Dioxane
Concen: 46.313 ng
RT: 2.428 min Scan# 58
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



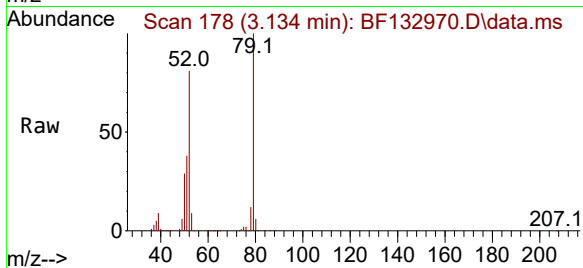
Tgt Ion: 88 Resp: 306200
Ion Ratio Lower Upper
88 100
58 80.7 64.7 97.1
43 32.8 26.2 39.2





#3
Pyridine
Concen: 48.209 ng
RT: 3.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

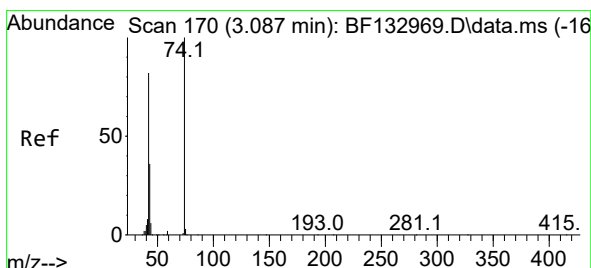
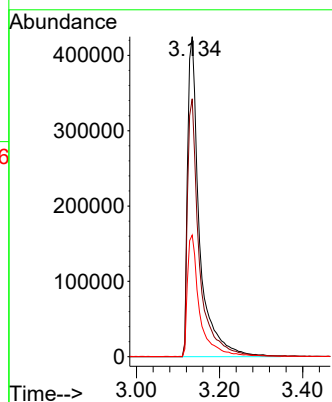
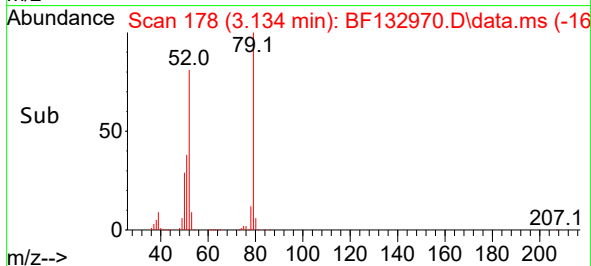
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



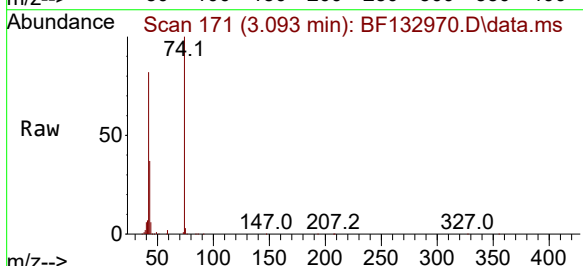
Tgt Ion: 79 Resp: 84655
Ion Ratio Lower Upper
79 100
52 80.6 64.6 96.8
51 38.0 30.0 45.0

Manual Integrations
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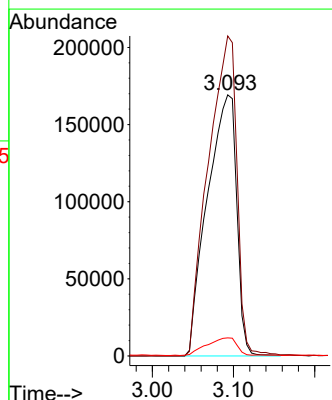
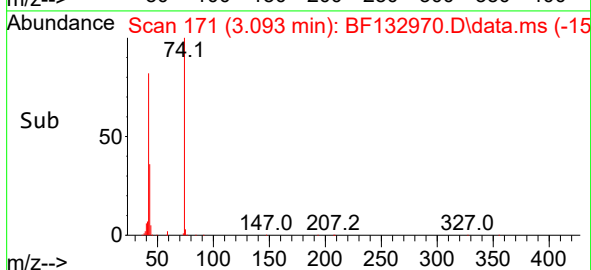
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

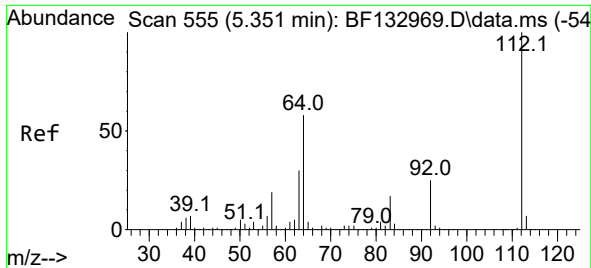


#4
n-Nitrosodimethylamine
Concen: 46.666 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



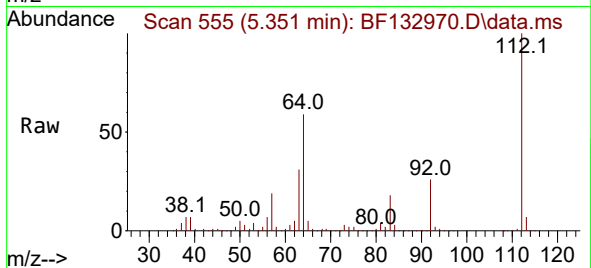
Tgt Ion: 42 Resp: 424457
Ion Ratio Lower Upper
42 100
74 122.5 98.0 147.0
44 6.9 5.8 8.8





#5
2-Fluorophenol
Concen: 90.649 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

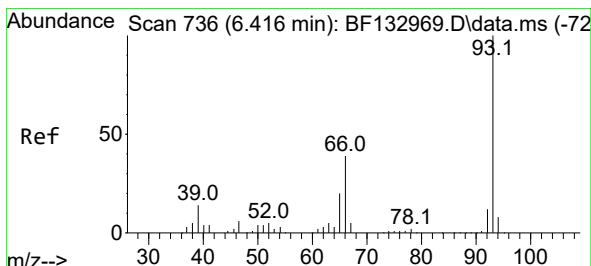
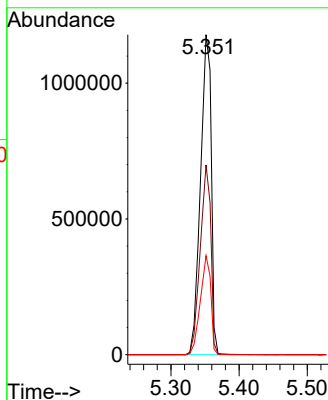
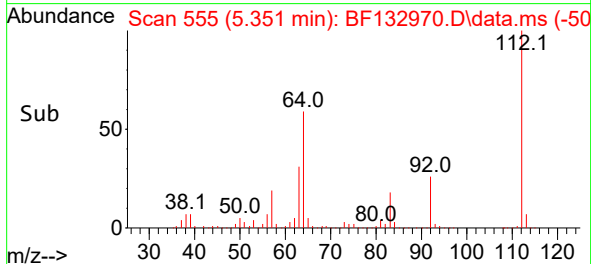
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1292109
Ion Ratio Lower Upper
112 100
64 59.3 46.8 70.2
63 30.9 23.8 35.8

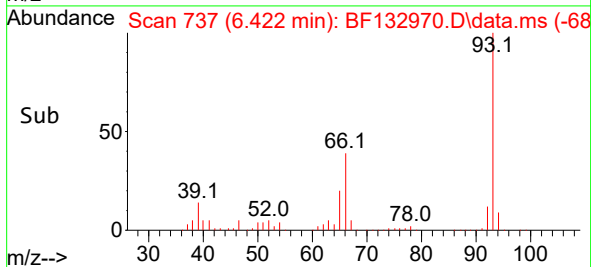
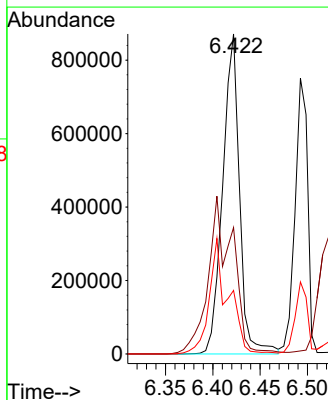
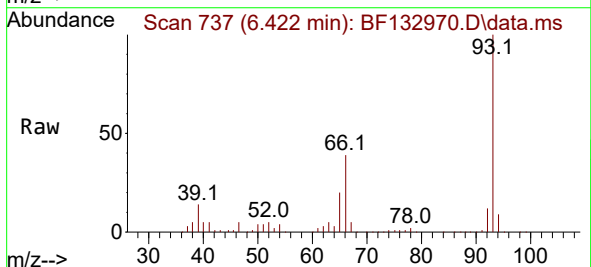
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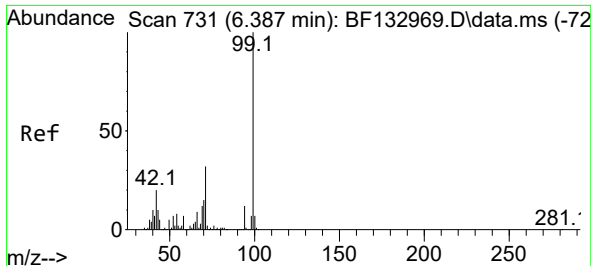
Reviewed By :Christian Giraldo 04/24/2023
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#6
Aniline
Concen: 47.446 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion: 93 Resp: 1081160
Ion Ratio Lower Upper
93 100
66 39.5 31.5 47.3
65 19.9 16.4 24.6





#7

Phenol-d6

Concen: 91.519 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF132970.D

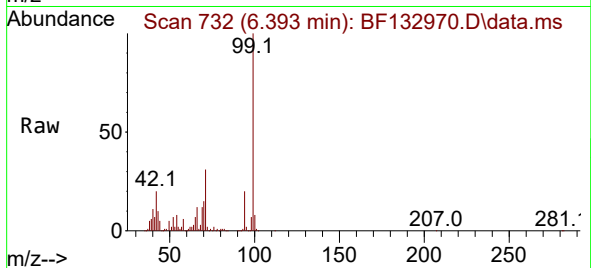
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 99 Resp: 1619178

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

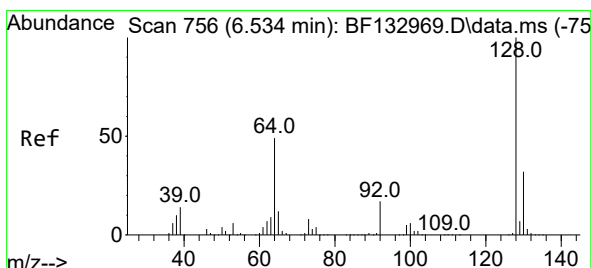
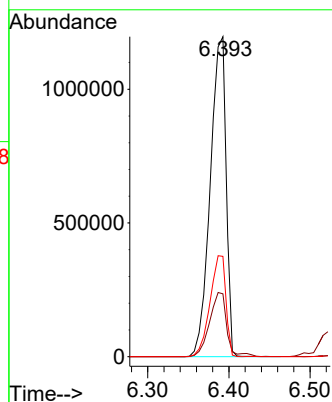
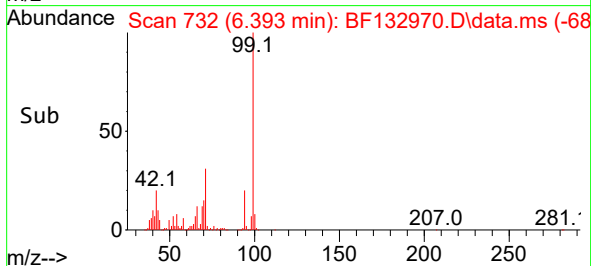
71 31.3 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 45.572 ng

RT: 6.540 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

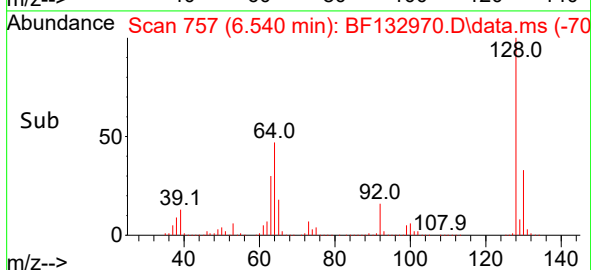
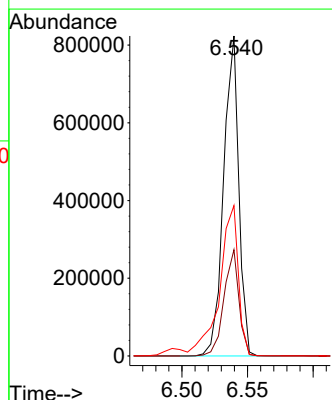
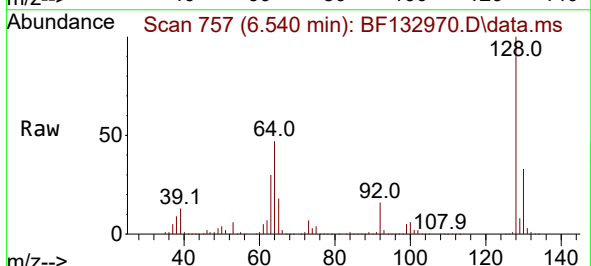
Tgt Ion:128 Resp: 659542

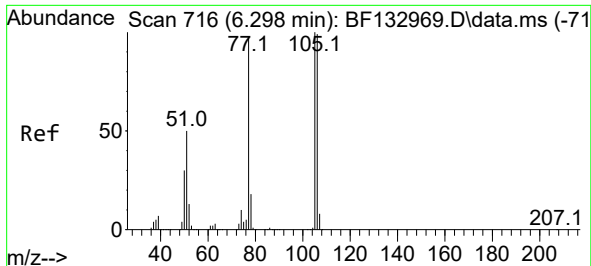
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 47.0 30.3 70.3





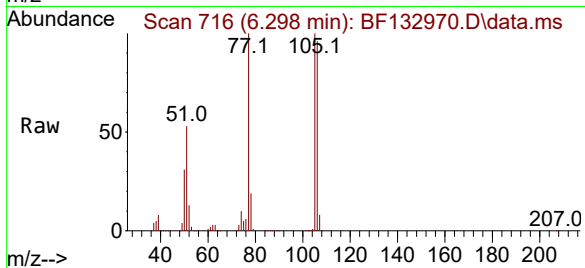
#9
Benzaldehyde
Concen: 48.423 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

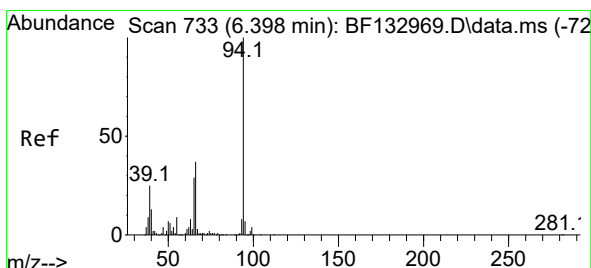
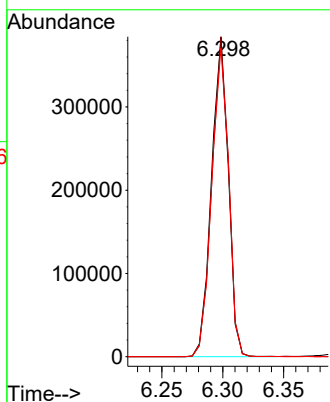
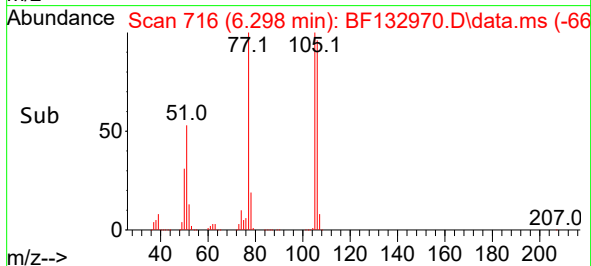


Tgt Ion: 77 Resp: 36780
Ion Ratio Lower Upper
77 100
105 100.2 82.3 122.3
106 96.7 80.8 120.8

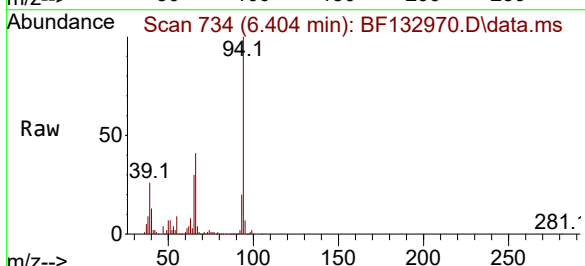
Manual Integrations

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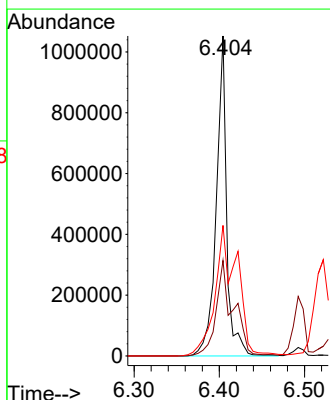
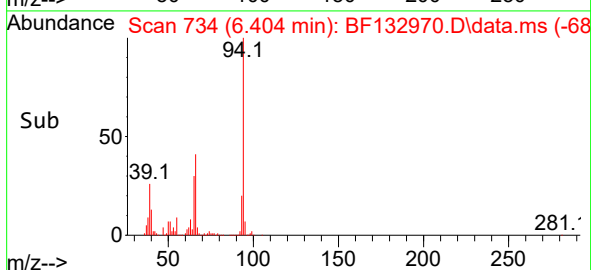
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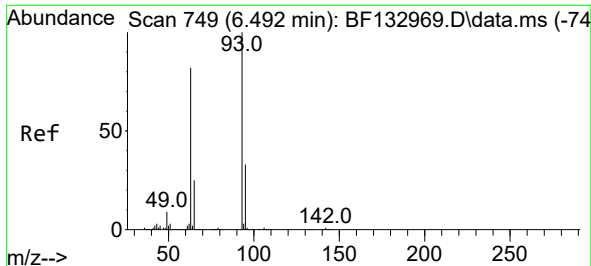


#10
Phenol
Concen: 45.888 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



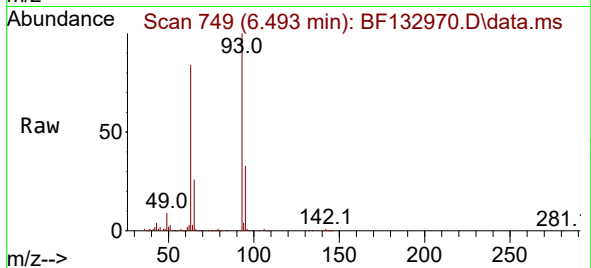
Tgt Ion: 94 Resp: 895636
Ion Ratio Lower Upper
94 100
65 29.9 8.6 48.6
66 40.8 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 46.496 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

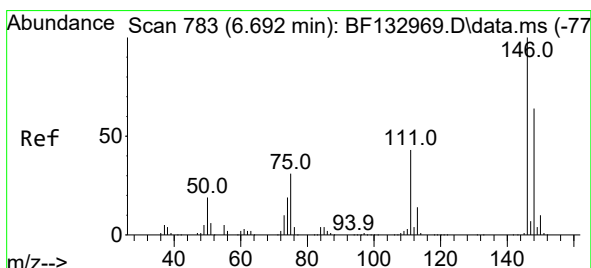
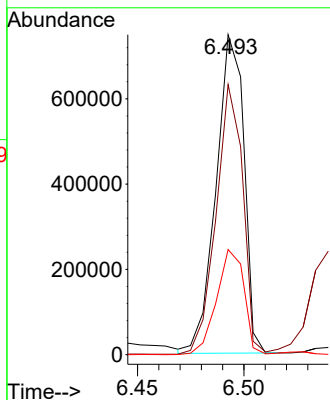
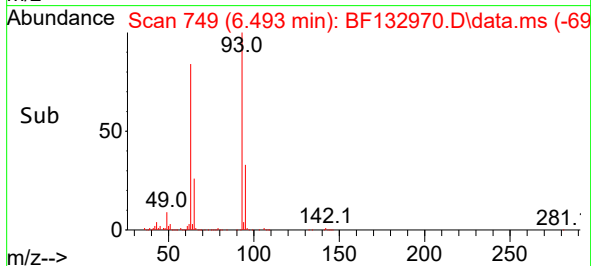
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



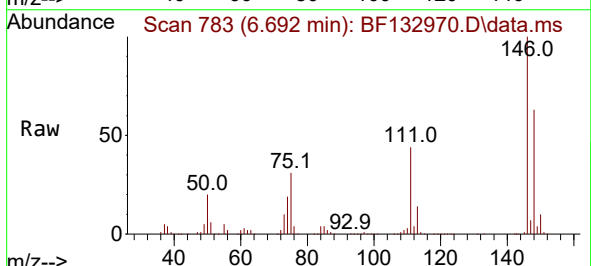
Tgt Ion: 93 Resp: 680992
Ion Ratio Lower Upper
93 100
63 84.4 60.6 100.6
95 32.9 12.9 52.9

Manual Integrations
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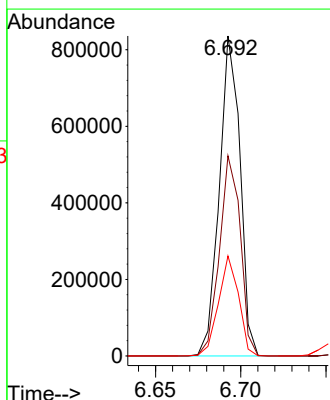
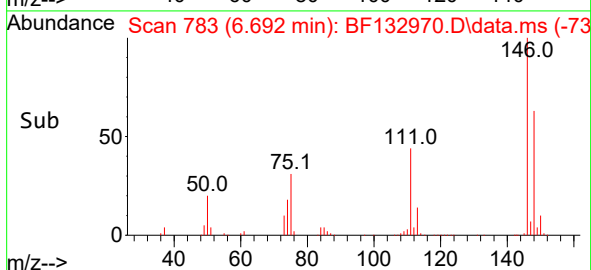
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

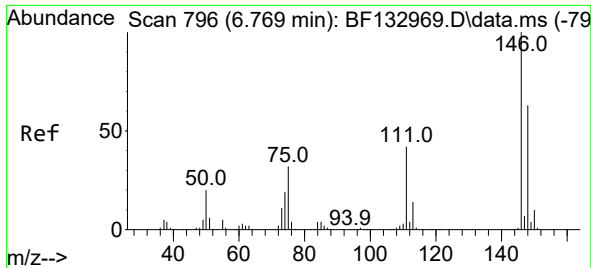


#12
1,3-Dichlorobenzene
Concen: 45.837 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:146 Resp: 705295
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.4
75 31.3 24.8 37.2





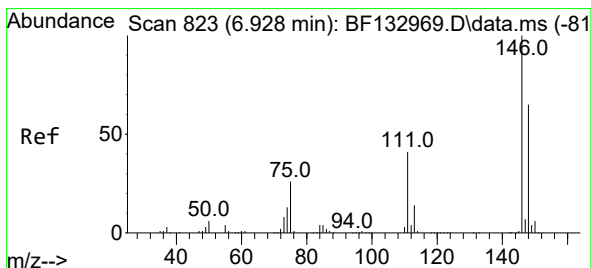
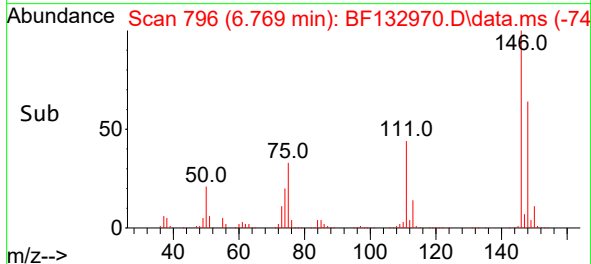
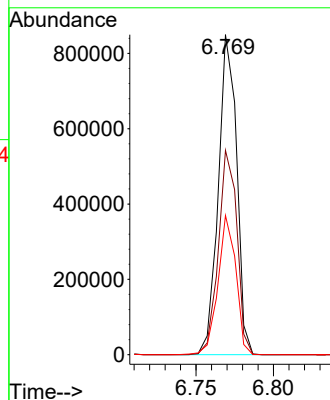
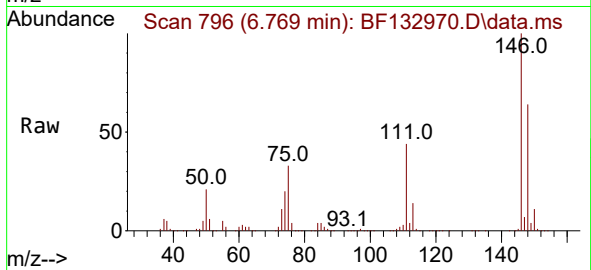
#13
1,4-Dichlorobenzene
Concen: 45.291 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:146 Resp: 698438
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 43.5 33.8 50.6

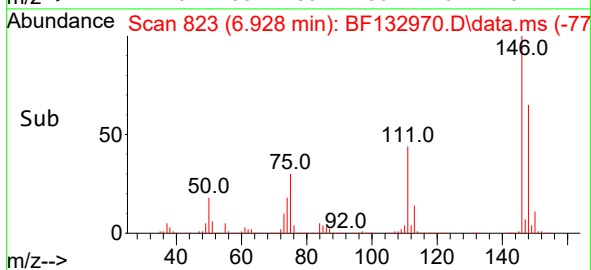
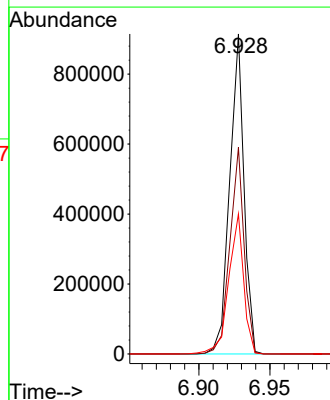
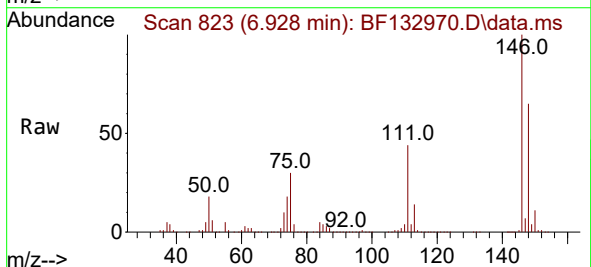
Manual Integrations
APPROVED

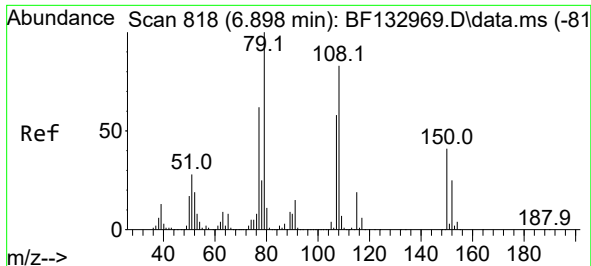
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#14
1,2-Dichlorobenzene
Concen: 44.925 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

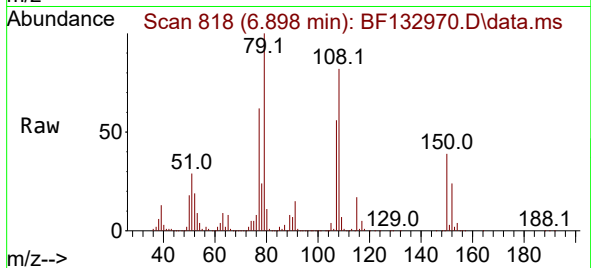
Tgt Ion:146 Resp: 638705
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.2
111 43.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 46.686 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

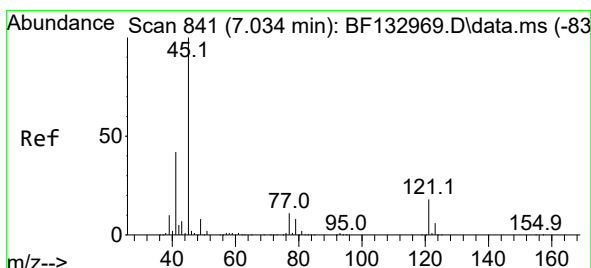
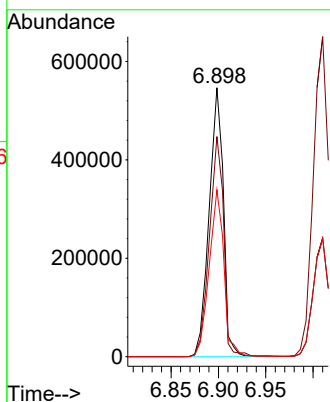
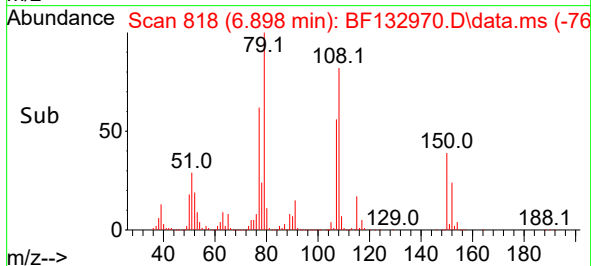
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 570550
Ion Ratio Lower Upper
79 100
108 81.8 66.6 99.8
77 62.0 49.2 73.8

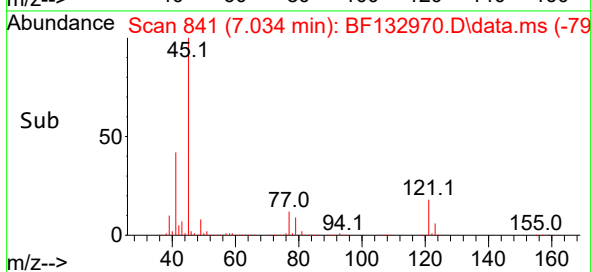
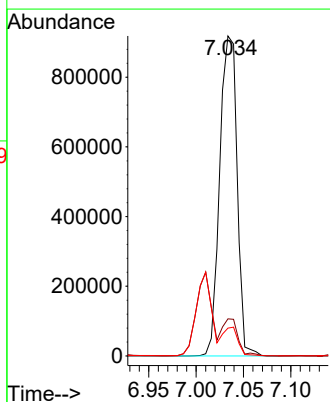
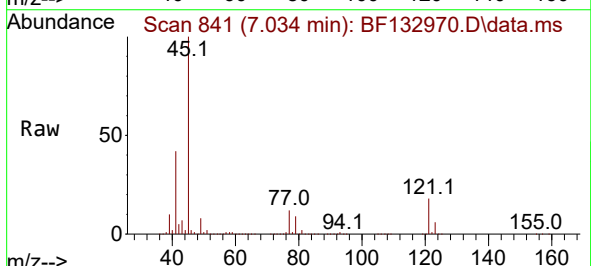
Manual Integrations
APPROVED

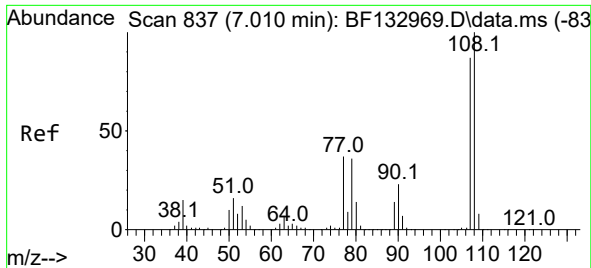
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.155 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion: 45 Resp: 1174134
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.5
79 8.7 0.0 28.7





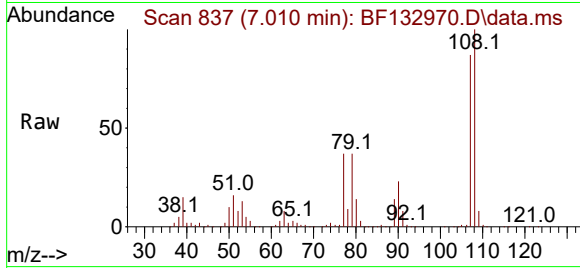
#17
2-Methylphenol
Concen: 46.084 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

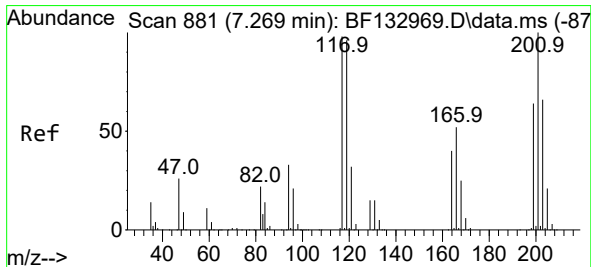
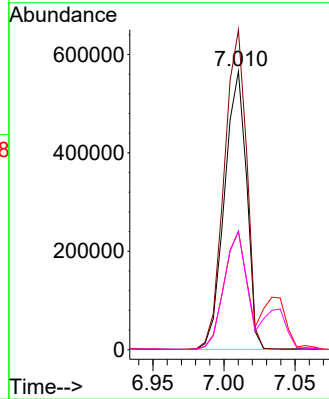
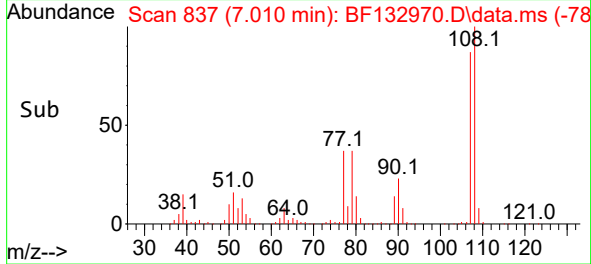


Tgt Ion:107 Resp: 610719
Ion Ratio Lower Upper
107 100
108 115.0 92.4 138.6
77 42.6 33.8 50.8
79 42.5 33.1 49.7

Manual Integrations

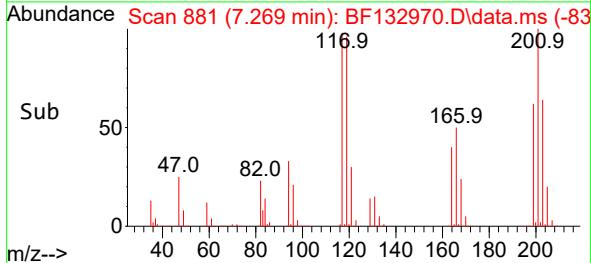
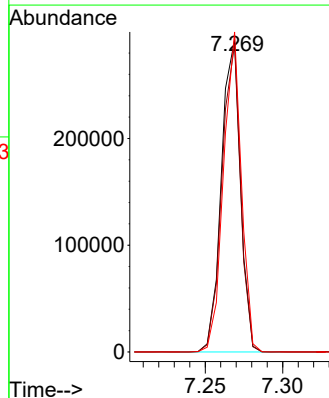
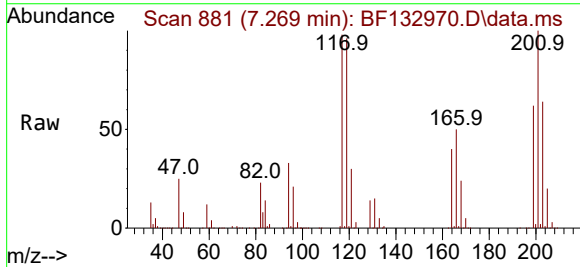
APPROVED

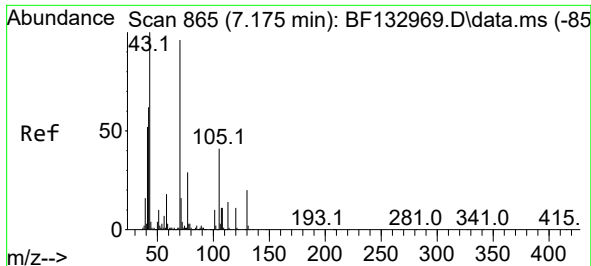
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#18
Hexachloroethane
Concen: 46.702 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion:117 Resp: 250388
Ion Ratio Lower Upper
117 100
119 98.4 78.2 117.4
201 102.5 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 44.624 ng

RT: 7.181 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF132970.D

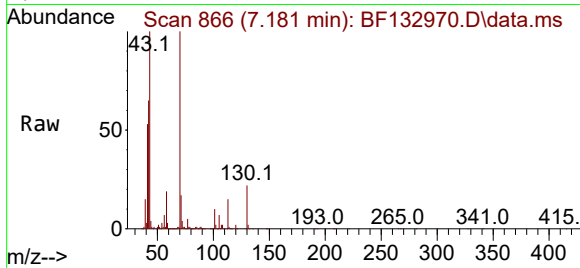
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 491504

Ion Ratio Lower Upper

70 100

42 65.4 51.8 77.6

101 10.1 8.0 12.0

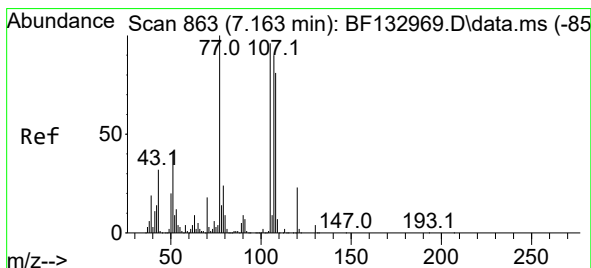
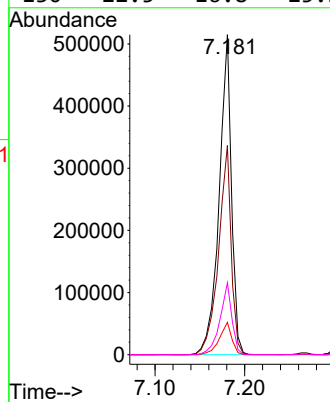
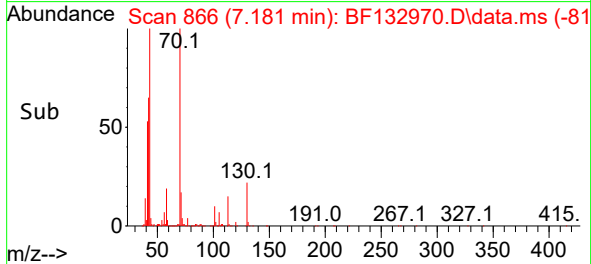
130 22.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#20

3+4-Methylphenols

Concen: 43.679 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

Tgt Ion:107 Resp: 681678

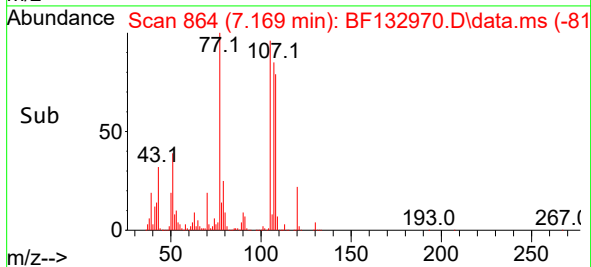
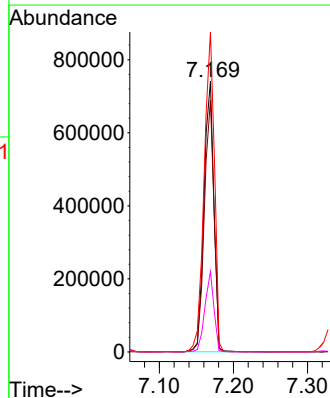
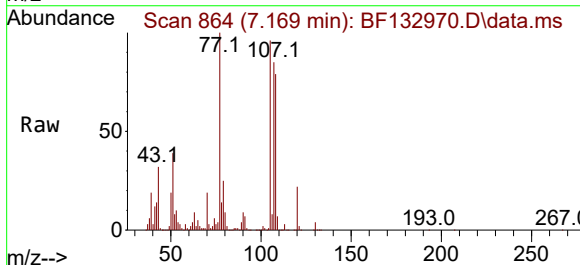
Ion Ratio Lower Upper

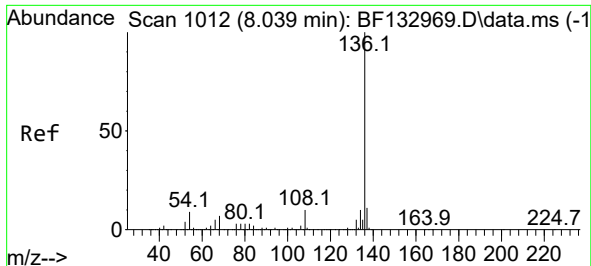
107 100

108 93.1 70.5 110.5

77 118.3 91.7 131.7

79 29.8 7.1 47.1





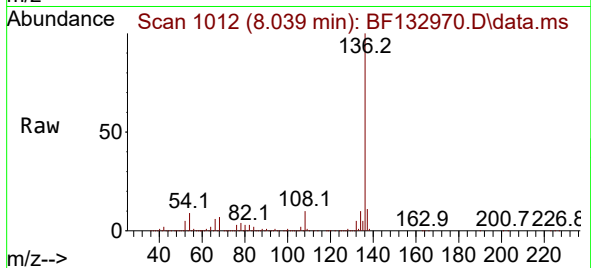
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

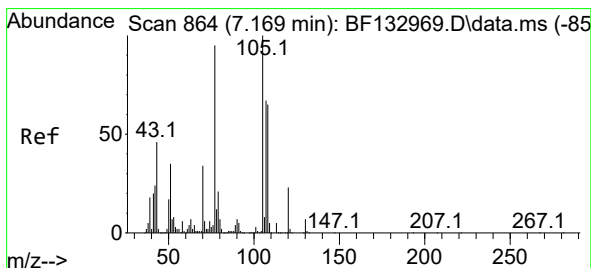
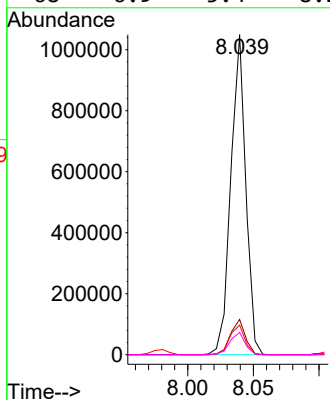
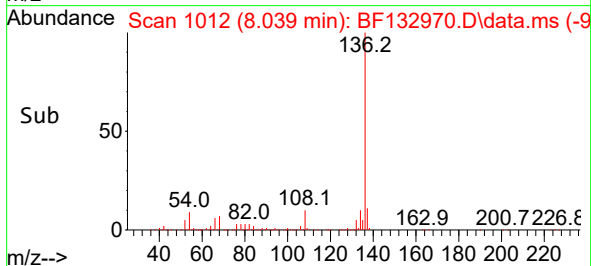


Tgt Ion:136 Resp: 832054
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.0 10.4
68 6.9 5.4 8.2

Manual Integrations

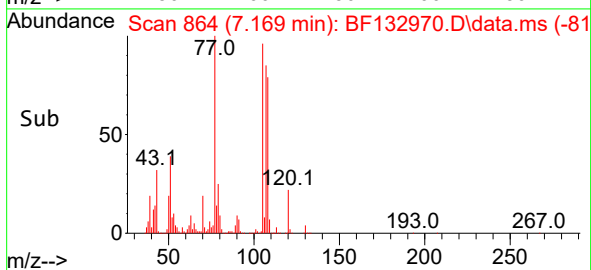
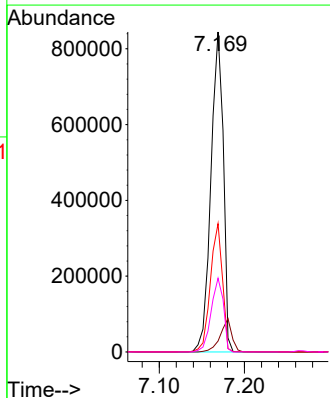
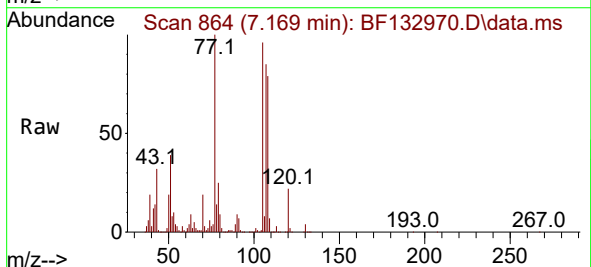
APPROVED

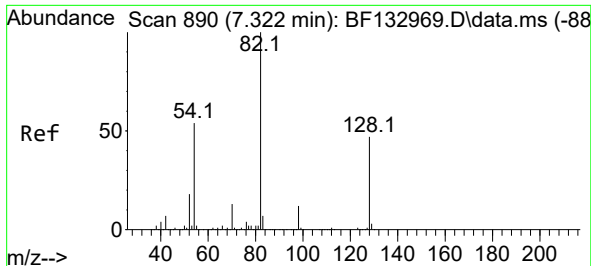
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#22
Acetophenone
Concen: 44.373 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion:105 Resp: 855253
Ion Ratio Lower Upper
105 100
71 3.4 4.6 7.0#
51 40.1 28.2 42.2
120 23.1 18.4 27.6





#23

Nitrobenzene-d5

Concen: 94.472 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 145628

Ion Ratio Lower Upper

82 100

128 46.5 37.7 56.5

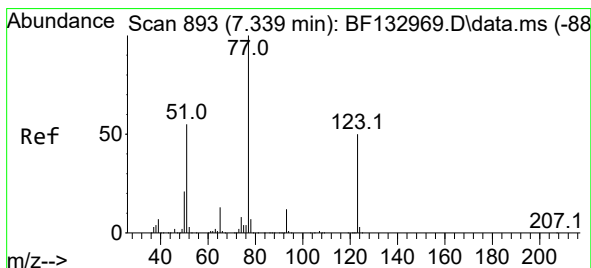
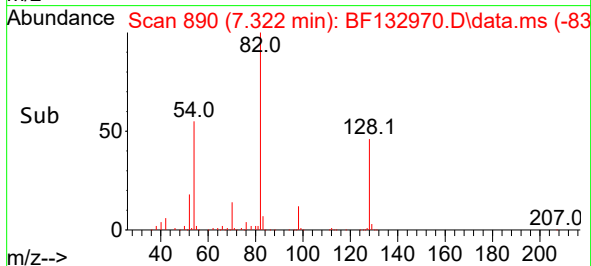
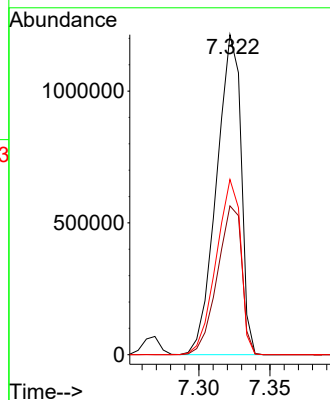
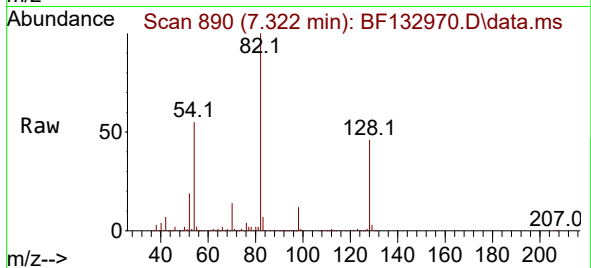
54 54.7 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#24

Nitrobenzene

Concen: 47.852 ng

RT: 7.340 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

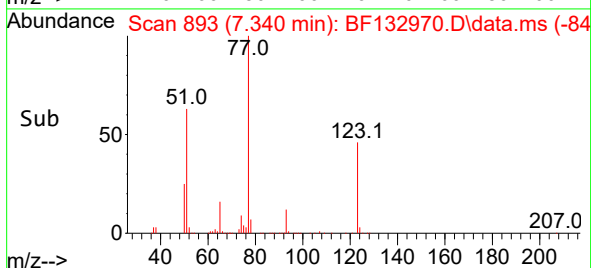
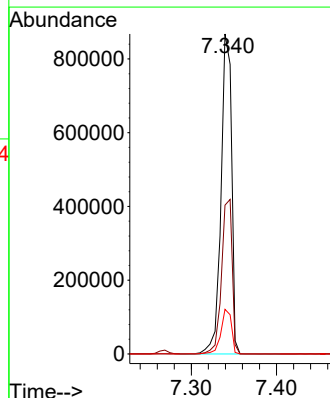
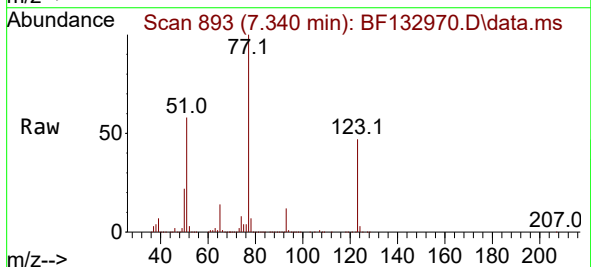
Tgt Ion: 77 Resp: 747461

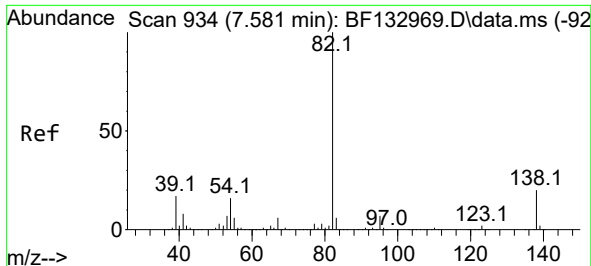
Ion Ratio Lower Upper

77 100

123 46.5 39.9 59.9

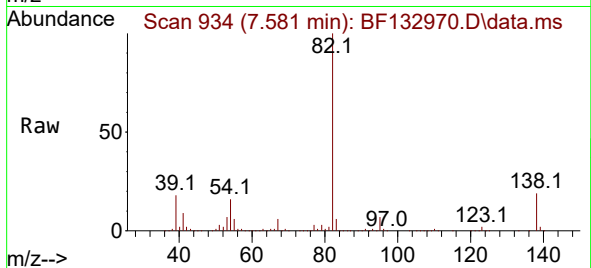
65 14.0 10.7 16.1





#25
Isophorone
Concen: 47.263 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

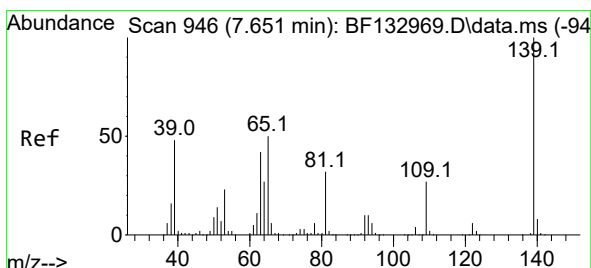
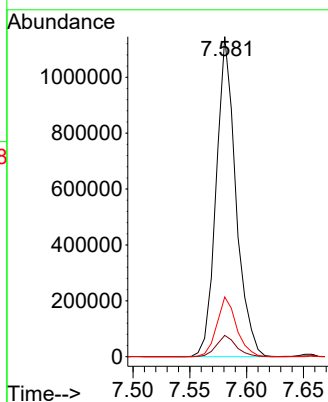
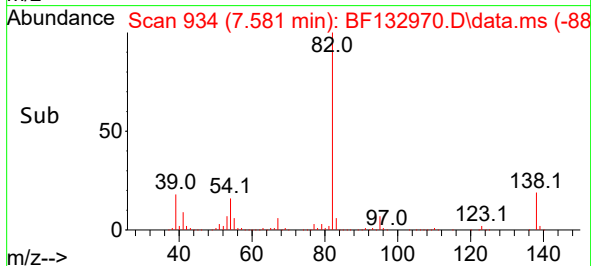
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



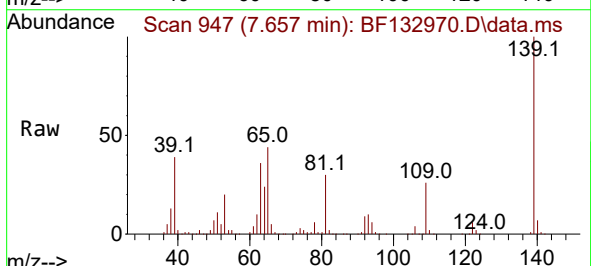
Tgt Ion: 82 Resp: 138327
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.7 16.0 24.0

Manual Integrations
APPROVED

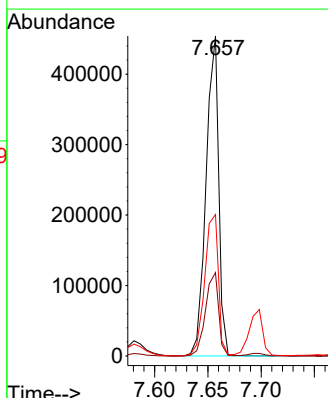
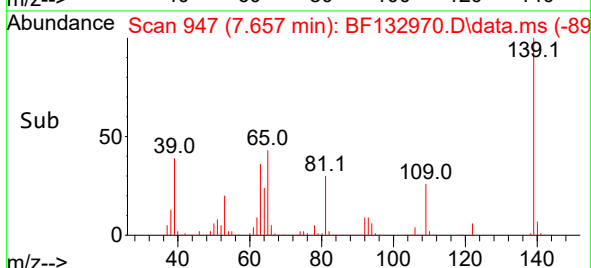
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

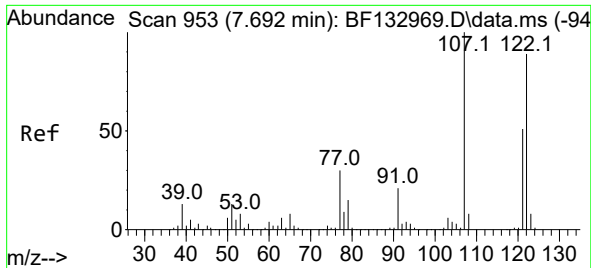


#26
2-Nitrophenol
Concen: 49.902 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:139 Resp: 375970
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 44.2 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 46.491 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

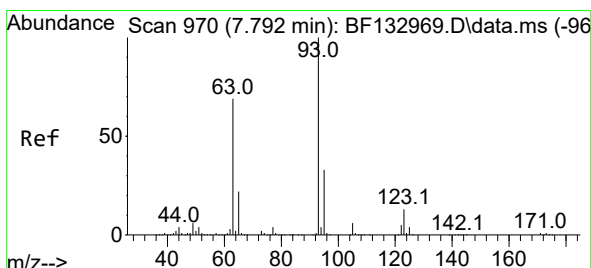
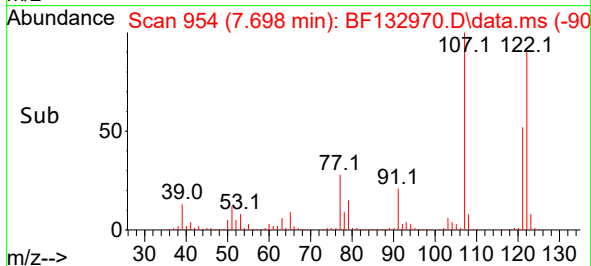
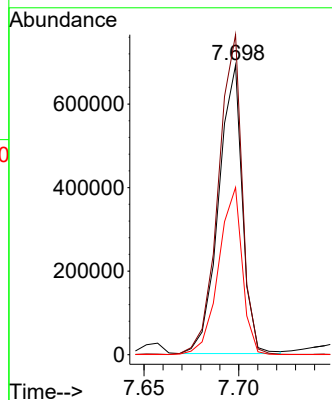
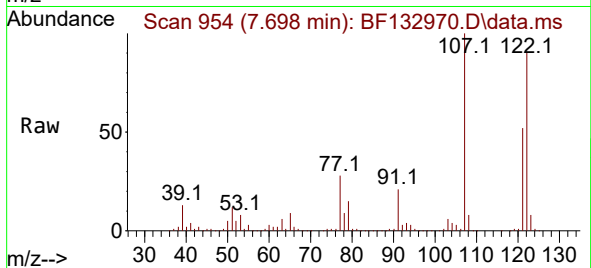
SSTDICC050

Tgt Ion:122 Resp: 600618
Ion Ratio Lower Upper
122 100
107 110.6 89.7 134.5
121 57.8 46.0 69.0

Manual Integrations

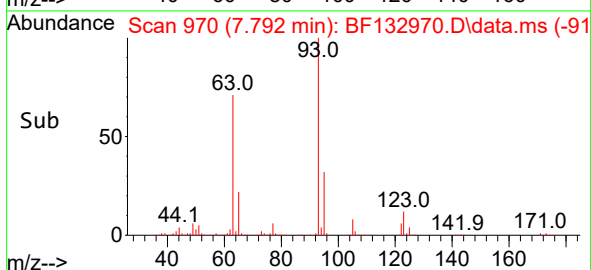
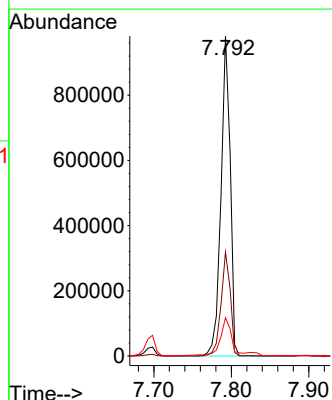
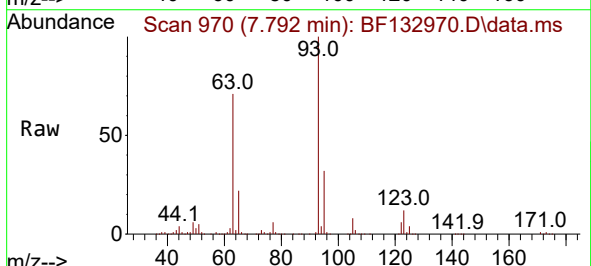
APPROVED

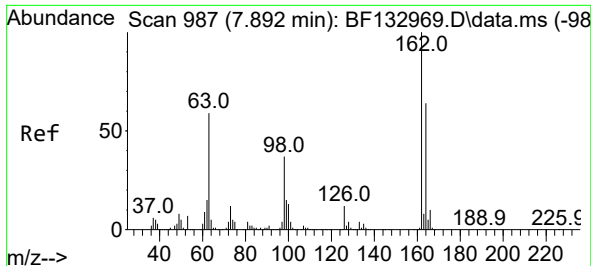
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.925 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion: 93 Resp: 812482
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.463 ng

RT: 7.898 min Scan# 987

Delta R.T. 0.006 min

Lab File: BF132970.D

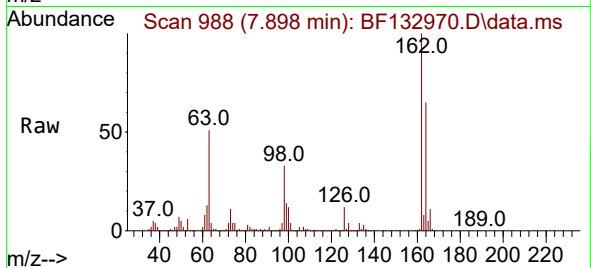
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 55820

Ion Ratio Lower Upper

162 100

164 64.6 43.9 83.9

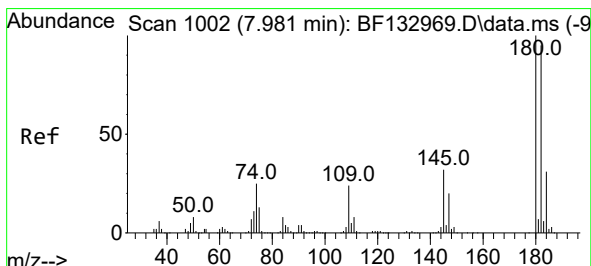
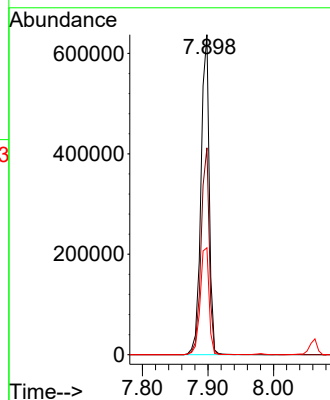
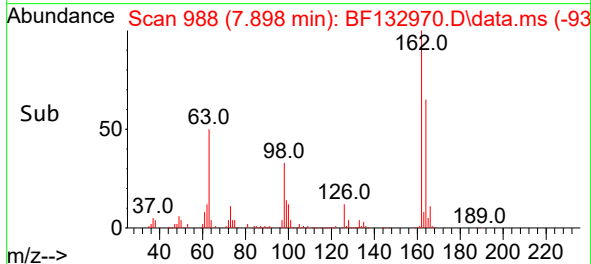
98 33.4 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.635 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

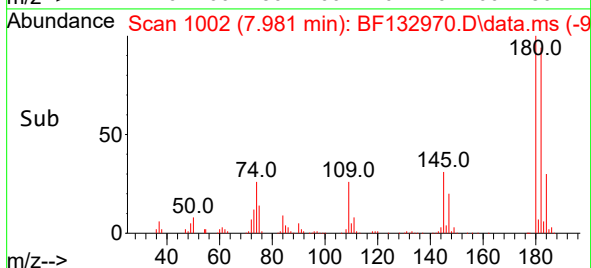
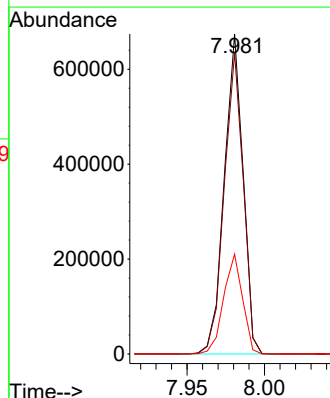
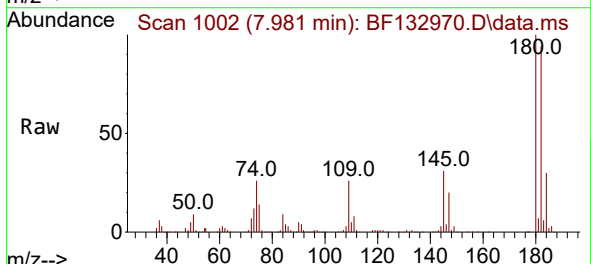
Tgt Ion:180 Resp: 568201

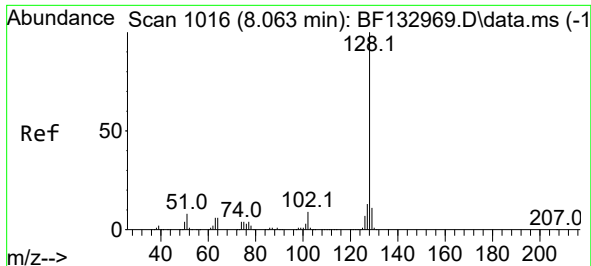
Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

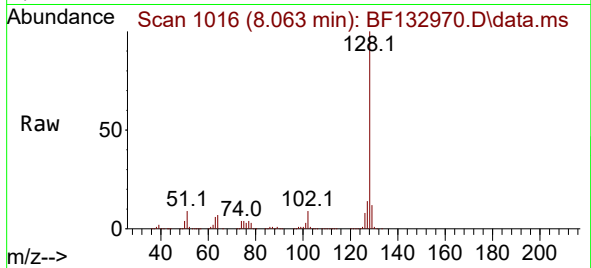
145 31.2 25.3 37.9





#31
Naphthalene
Concen: 44.925 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

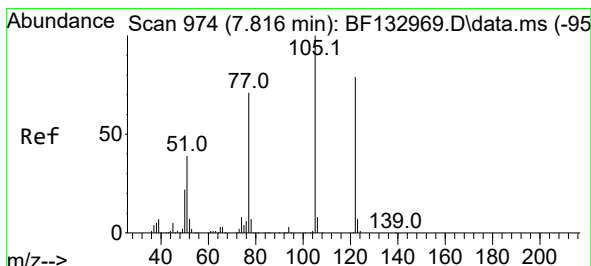
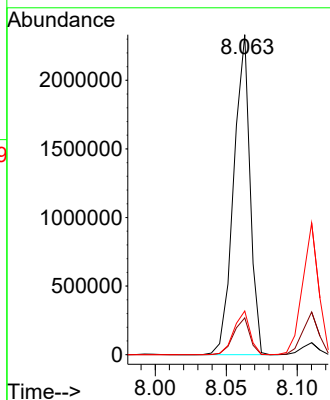
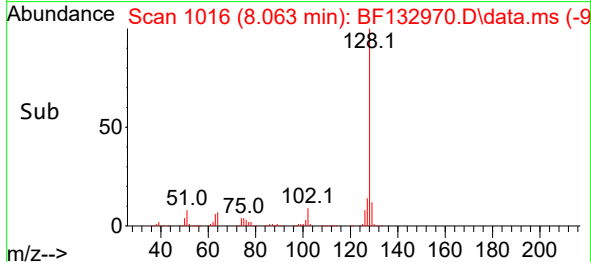
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 1868890
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.7 16.1

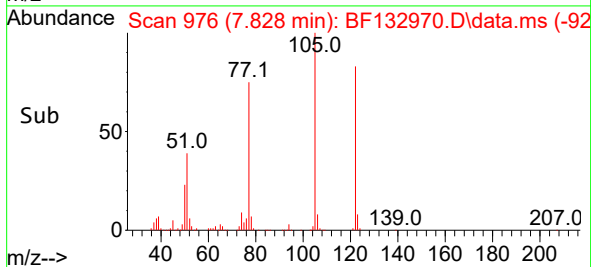
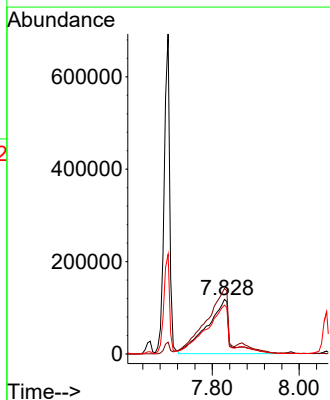
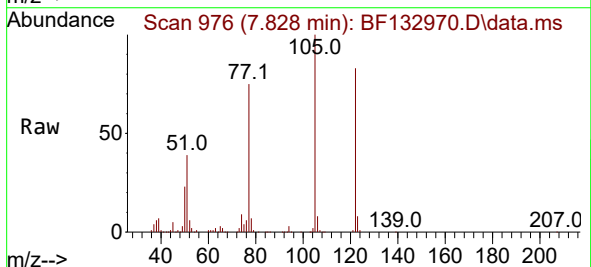
Manual Integrations
APPROVED

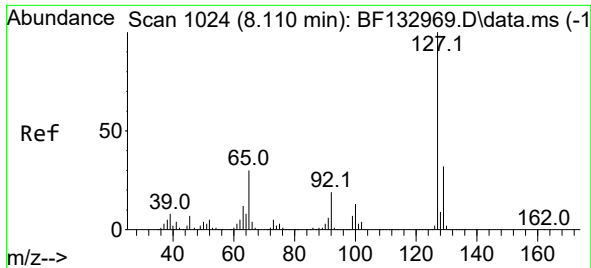
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#32
Benzoic acid
Concen: 55.625 ng m
RT: 7.828 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion:122 Resp: 445366
Ion Ratio Lower Upper
122 100
105 120.0 104.2 144.2
77 89.4 69.7 109.7





#33
4-Chloroaniline
Concen: 45.446 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

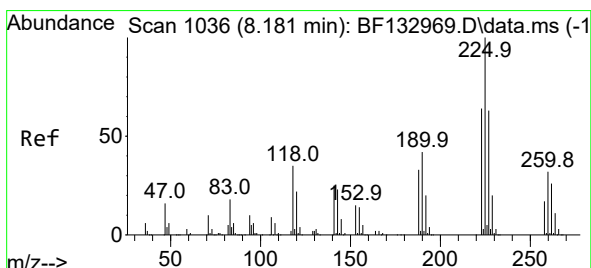
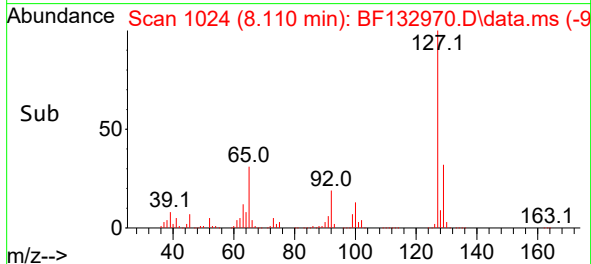
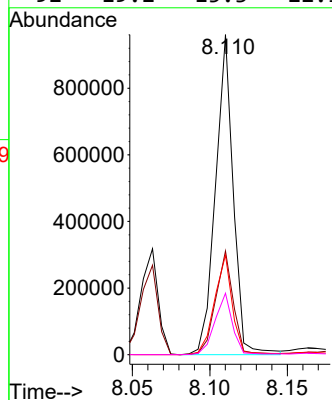
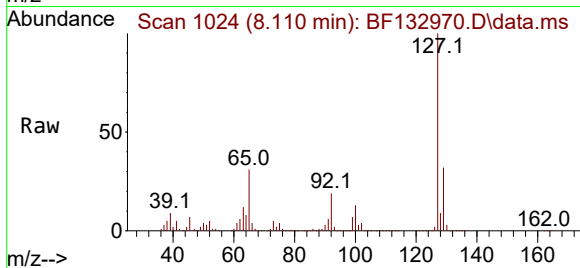
ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 76385
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 31.2 23.6 35.4
92 19.2 15.3 22.9

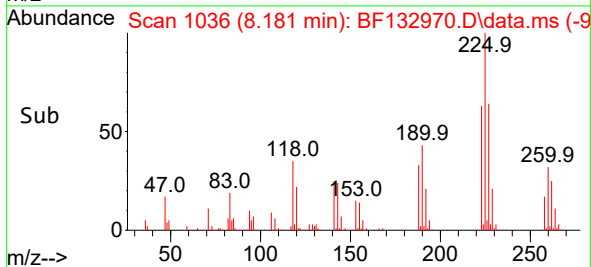
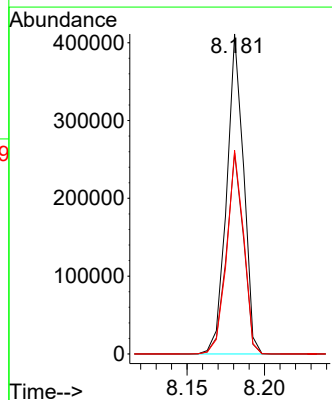
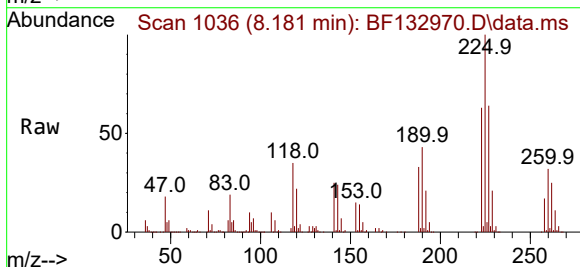
Manual Integrations
APPROVED

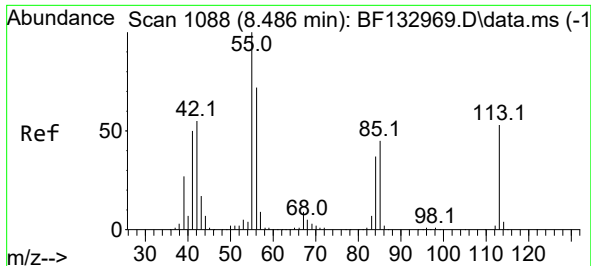
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#34
Hexachlorobutadiene
Concen: 46.166 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

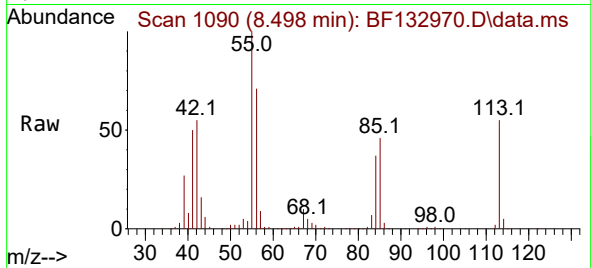
Tgt Ion:225 Resp: 311759
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 63.6 50.3 75.5





#35
 Caprolactam
 Concen: 48.220 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF132970.D
 Acq: 21 Apr 2023 15:47

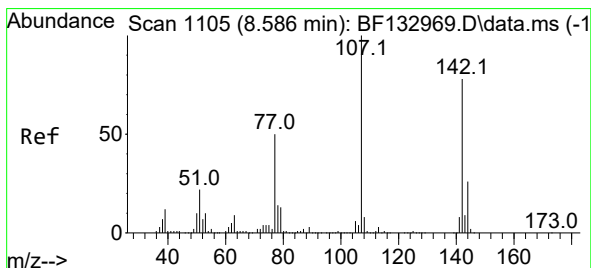
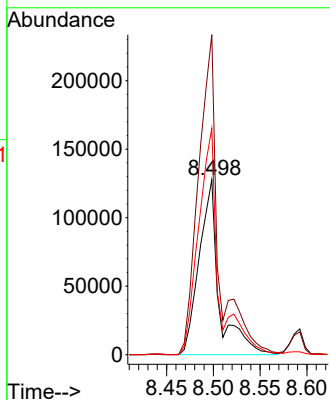
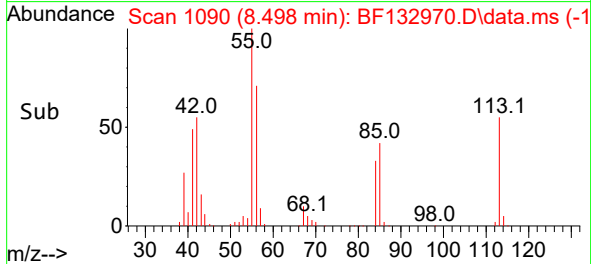
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



Tgt Ion:113 Resp: 19051
 Ion Ratio Lower Upper
 113 100
 55 182.7 167.1 207.1
 56 129.2 114.5 154.5

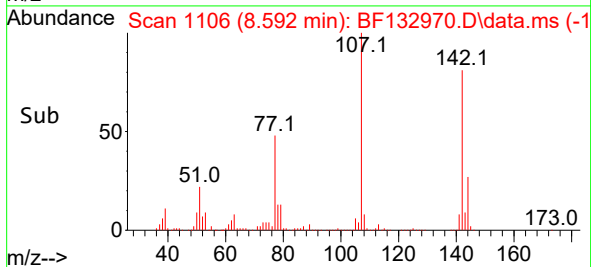
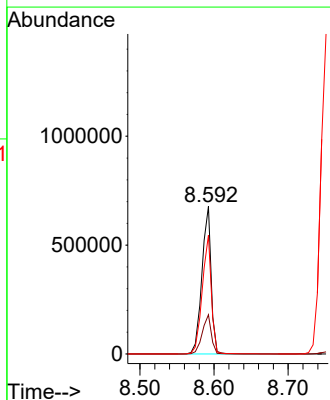
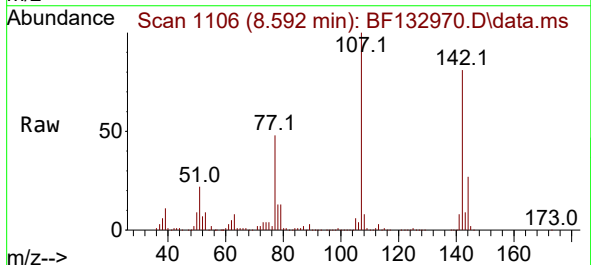
Manual Integrations
 APPROVED

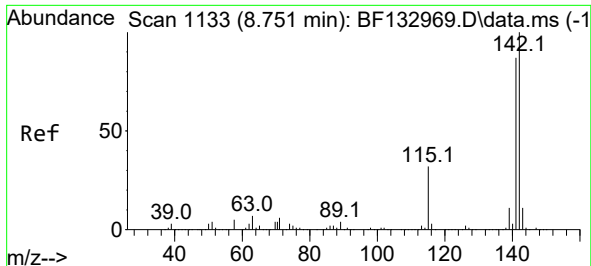
Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.544 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF132970.D
 Acq: 21 Apr 2023 15:47

Tgt Ion:107 Resp: 590301
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.6 30.8
 142 80.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.930 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 127783

Ion Ratio Lower Upper

142 100

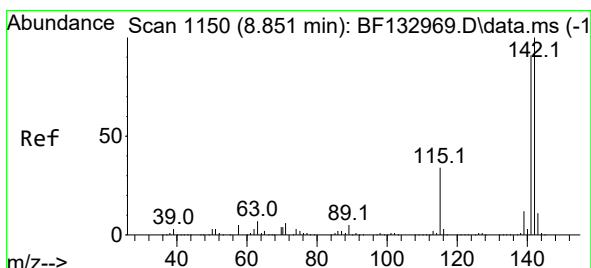
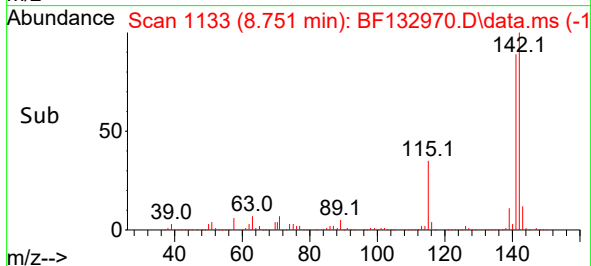
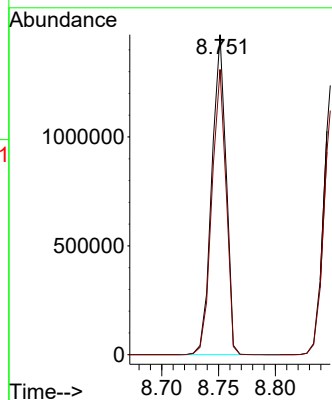
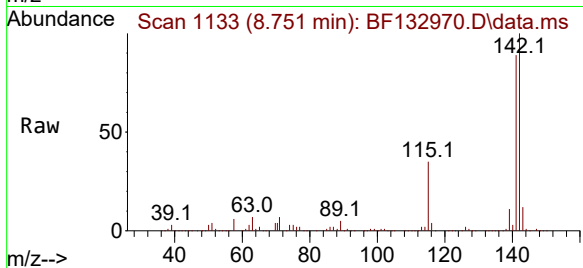
141 89.2 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#38

1-Methylnaphthalene

Concen: 45.164 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF132970.D

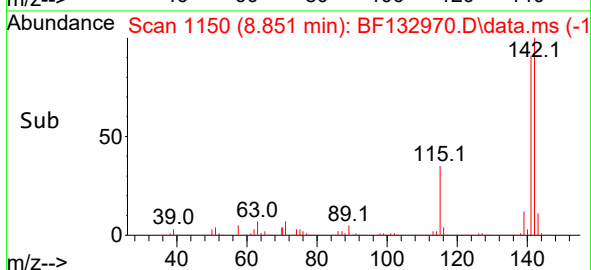
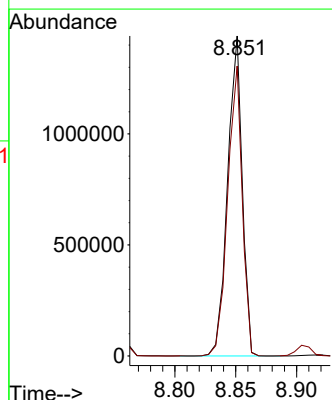
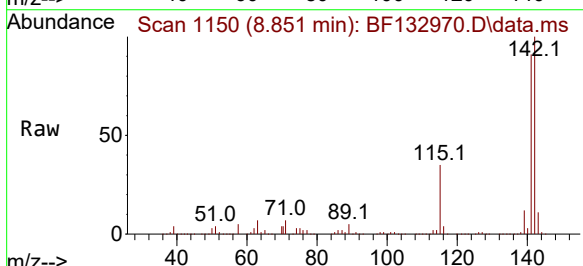
Acq: 21 Apr 2023 15:47

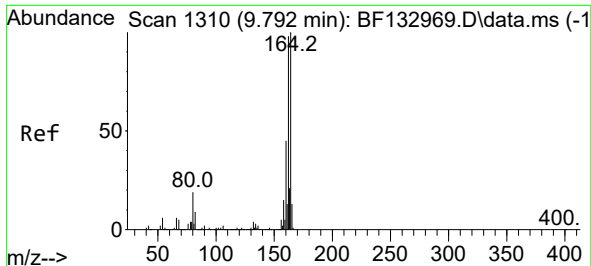
Tgt Ion:142 Resp: 1201646

Ion Ratio Lower Upper

142 100

141 90.6 73.1 109.7





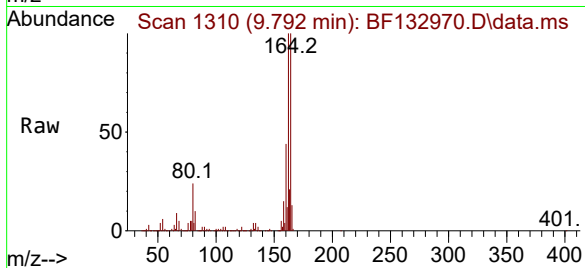
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

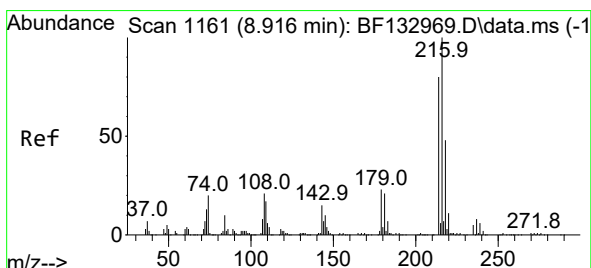
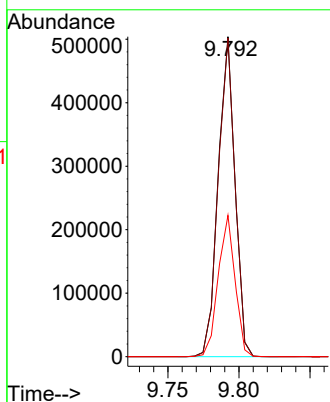
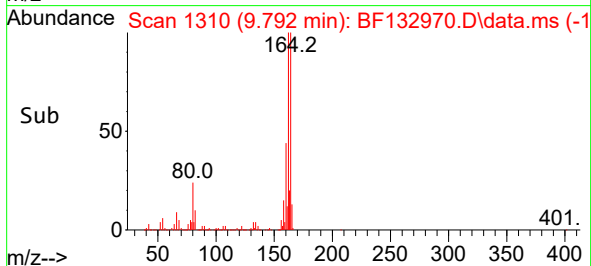


Tgt Ion:164 Resp: 414309
Ion Ratio Lower Upper
164 100
162 99.6 78.7 118.1
160 44.1 35.8 53.6

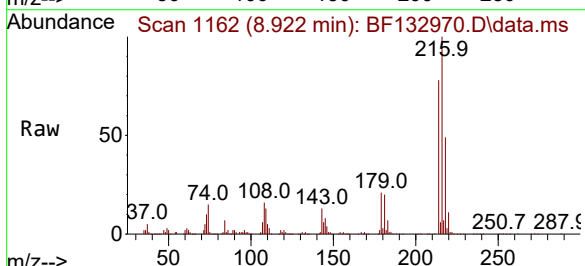
Manual Integrations

APPROVED

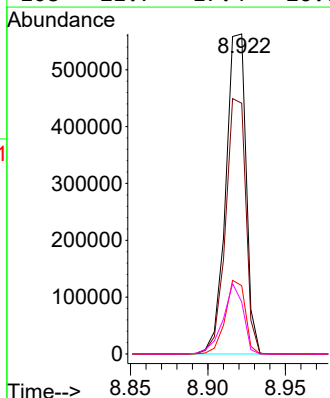
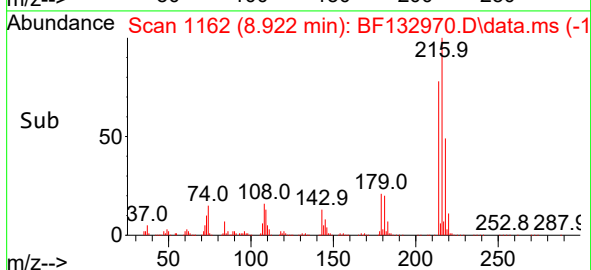
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

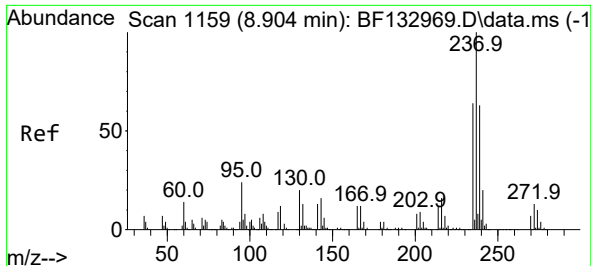


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.021 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:216 Resp: 512652
Ion Ratio Lower Upper
216 100
214 79.4 63.5 95.3
179 22.4 17.4 26.2
108 21.7 17.4 26.0





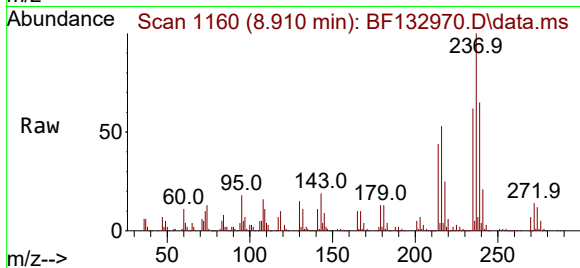
#41
Hexachlorocyclopentadiene
Concen: 49.908 ng
RT: 8.910 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

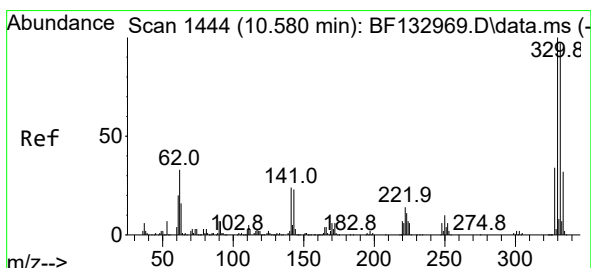
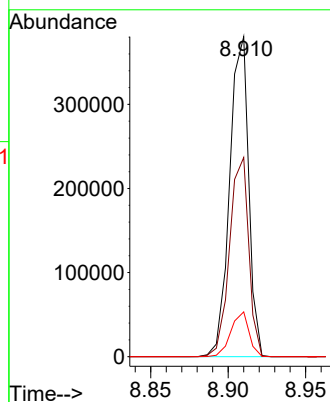
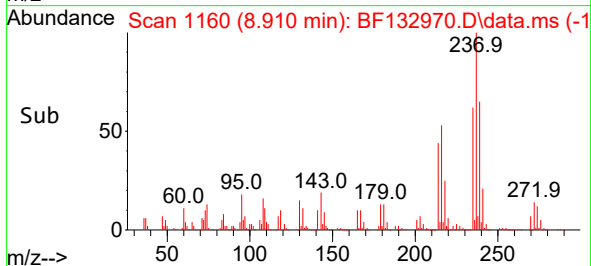


Tgt Ion: 237 Resp: 324234
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 14.0 0.0 32.7

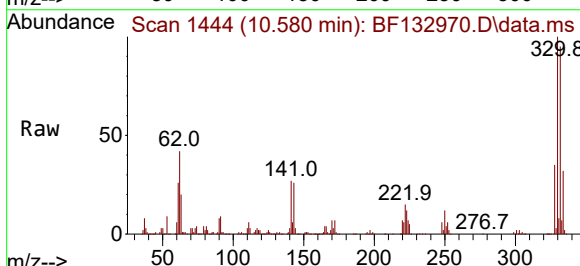
Manual Integrations

APPROVED

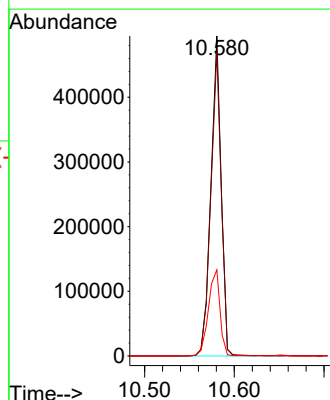
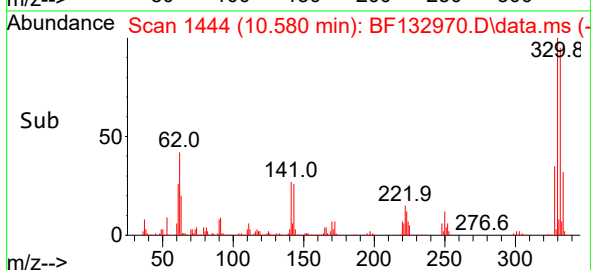
Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023

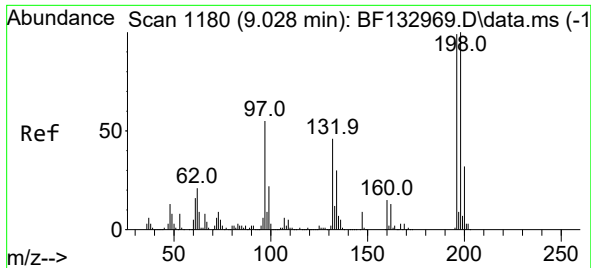


#42
2,4,6-Tribromophenol
Concen: 94.721 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion: 330 Resp: 394673
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 30.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.441 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

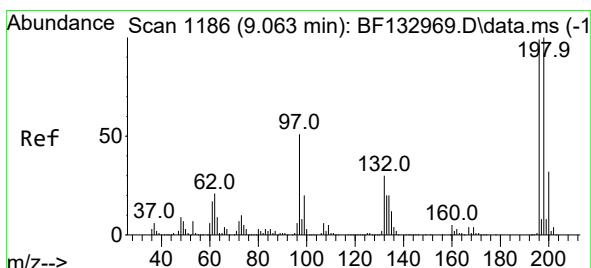
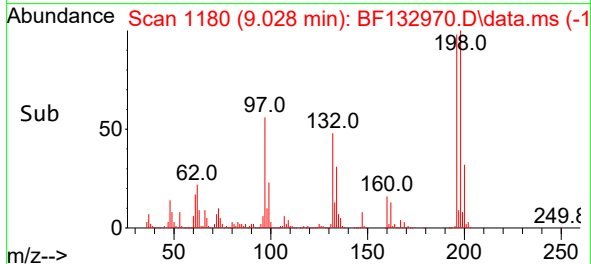
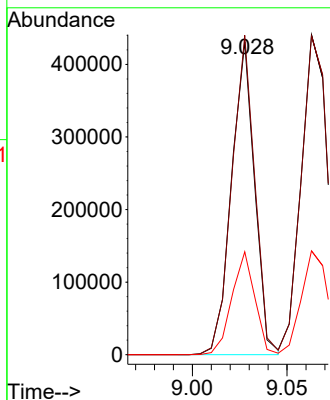
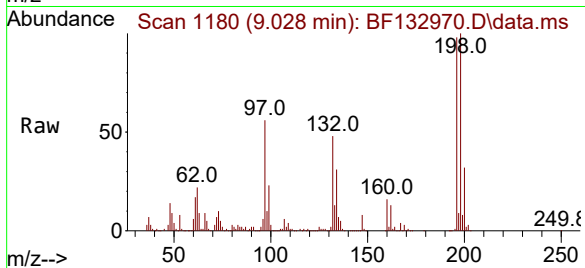
SSTDICC050

Tgt Ion:196 Resp: 36547
Ion Ratio Lower Upper
196 100
198 102.1 81.0 121.6
200 32.9 26.1 39.1

Manual Integrations

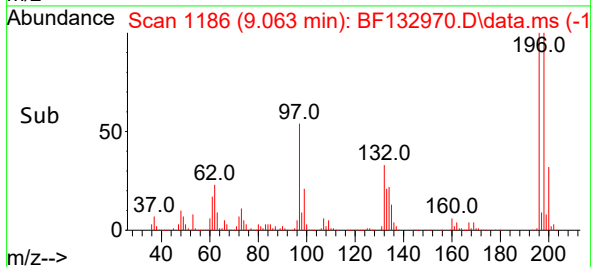
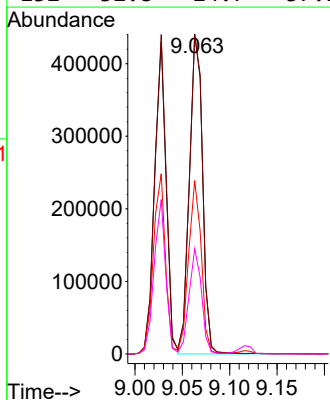
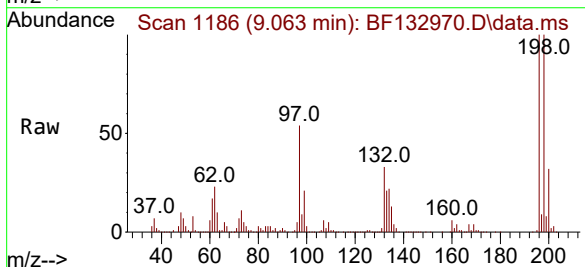
APPROVED

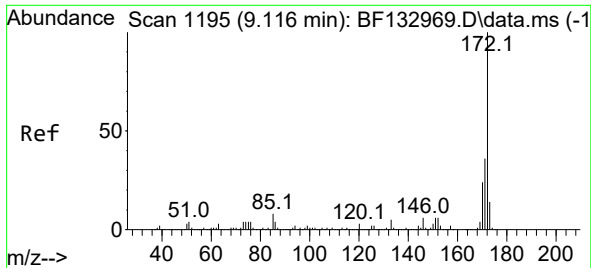
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#44
2,4,5-Trichlorophenol
Concen: 47.793 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

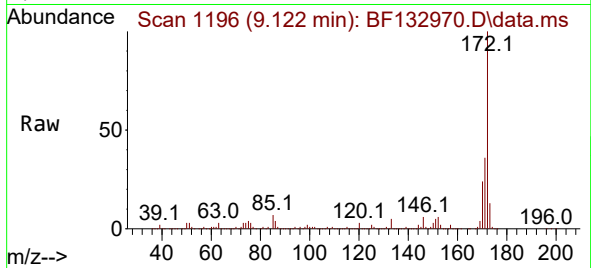
Tgt Ion:196 Resp: 425824
Ion Ratio Lower Upper
196 100
198 99.6 80.9 121.3
97 54.1 41.3 61.9
132 32.8 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 90.407 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

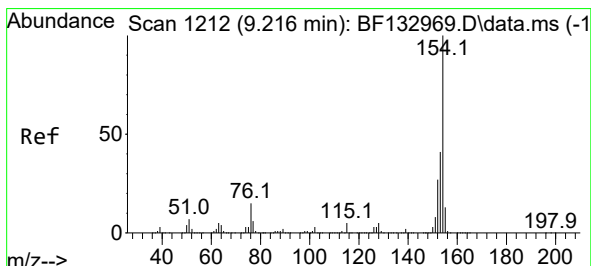
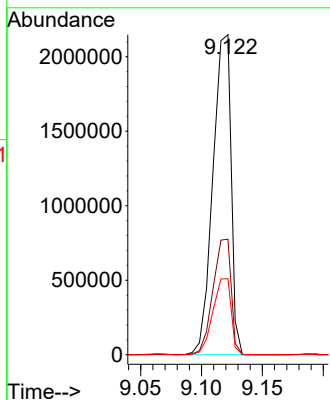
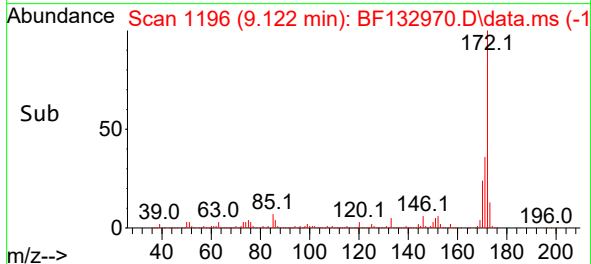
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



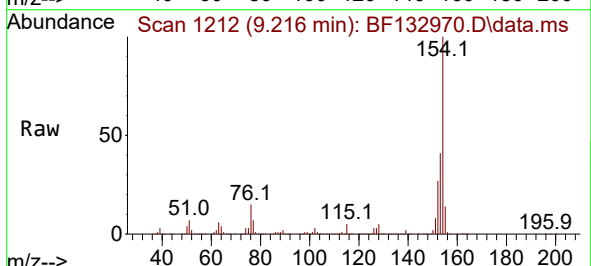
Tgt Ion:172 Resp: 2238879
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.8 19.4 29.2

Manual Integrations
APPROVED

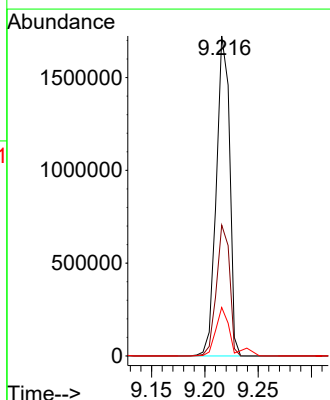
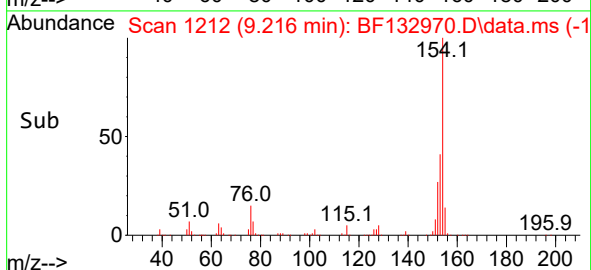
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

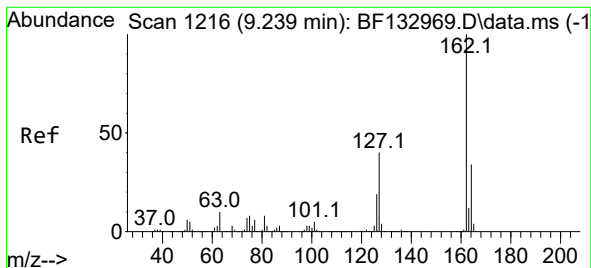


#46
1,1'-Biphenyl
Concen: 45.412 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:154 Resp: 1491916
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 15.1 0.0 34.5





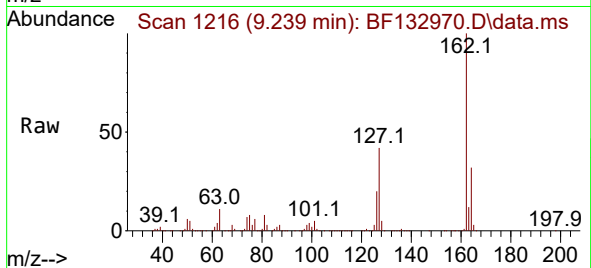
#47
2-Chloronaphthalene
Concen: 46.278 ng
RT: 9.239 min Scan# 111279
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

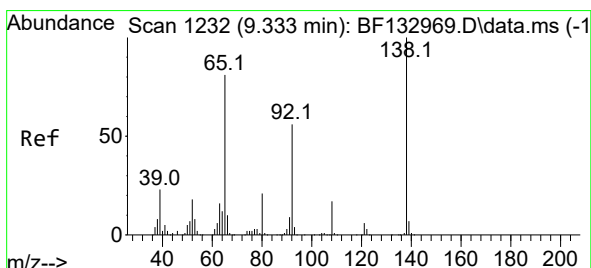
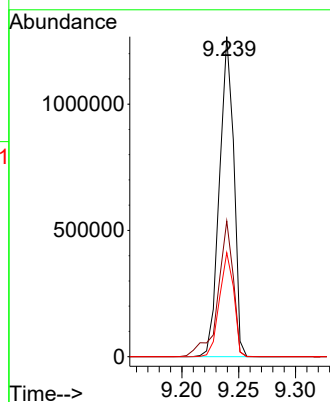
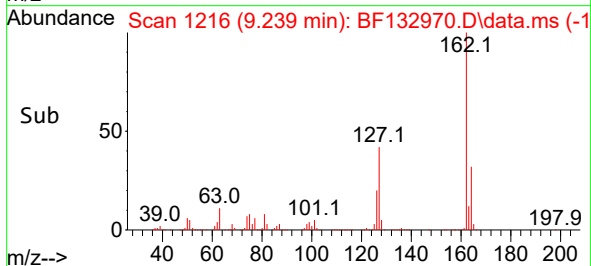


Tgt Ion: 162 Resp: 111279
Ion Ratio Lower Upper
162 100
127 42.4 32.3 48.5
164 32.5 26.8 40.2

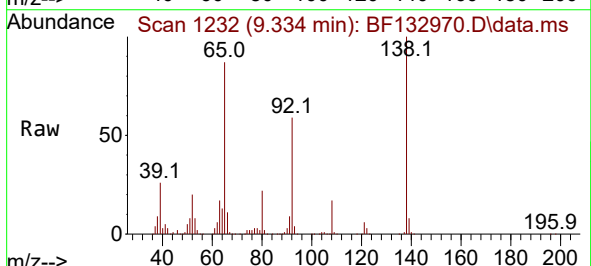
Manual Integrations

APPROVED

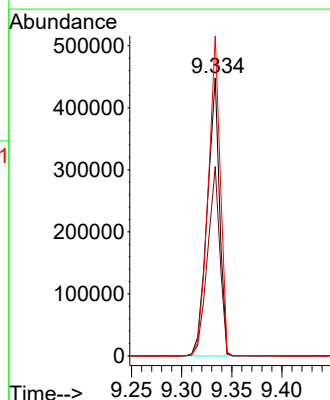
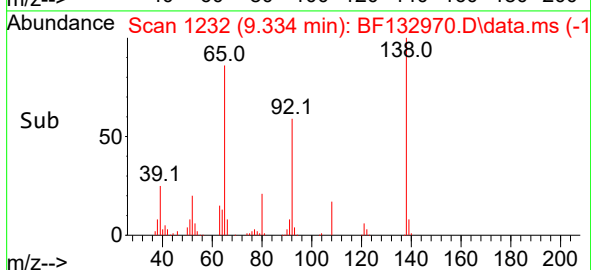
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

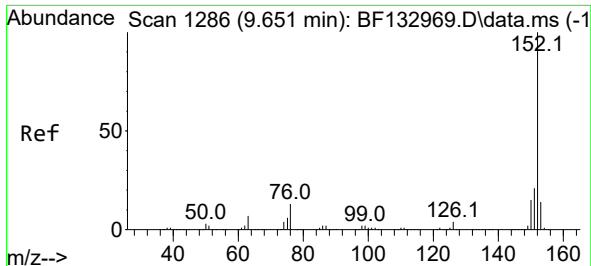


#48
2-Nitroaniline
Concen: 48.538 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



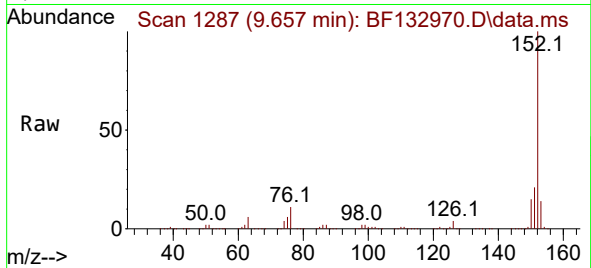
Tgt Ion: 65 Resp: 385738
Ion Ratio Lower Upper
65 100
92 68.1 55.4 83.0
138 115.1 98.2 147.2





#49
Acenaphthylene
Concen: 46.083 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

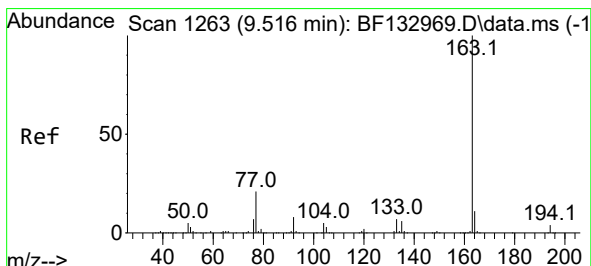
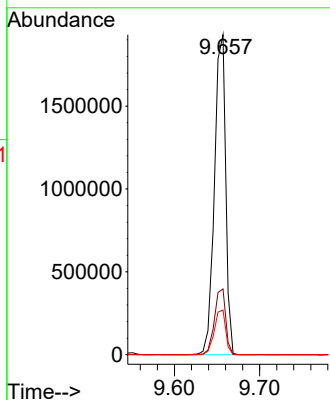
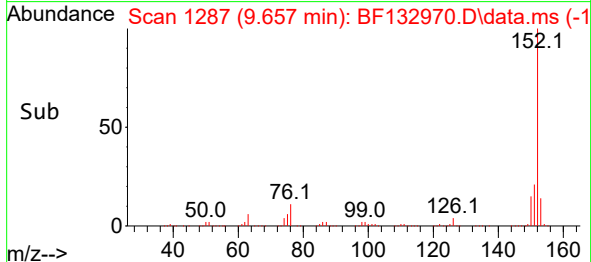
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



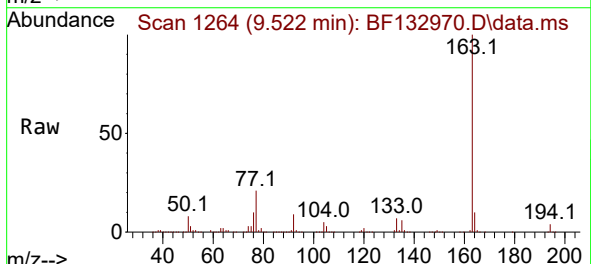
Tgt Ion:152 Resp: 1770610
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.9 11.5 17.3

Manual Integrations
APPROVED

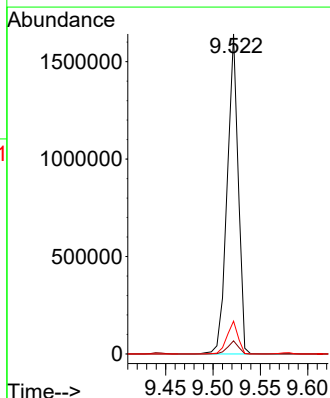
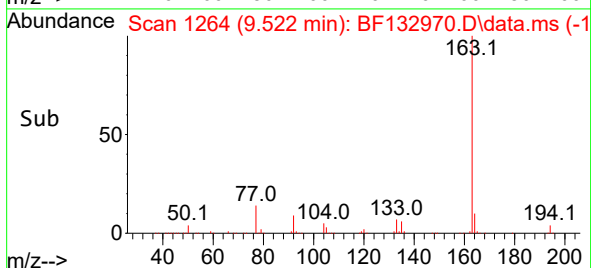
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

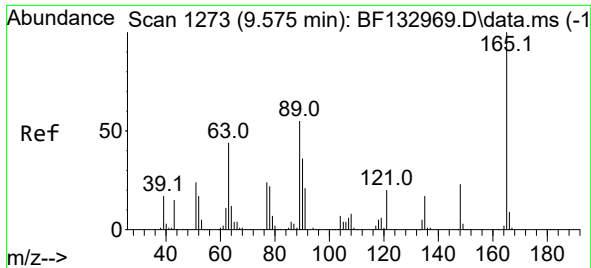


#50
Dimethylphthalate
Concen: 46.208 ng
RT: 9.522 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



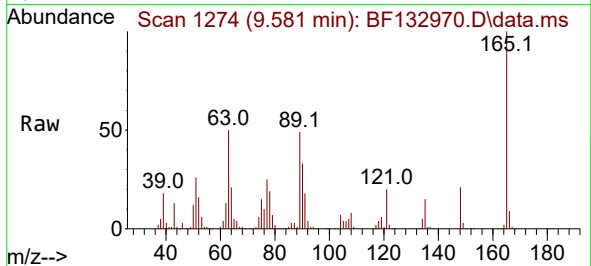
Tgt Ion:163 Resp: 1334911
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 48.413 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

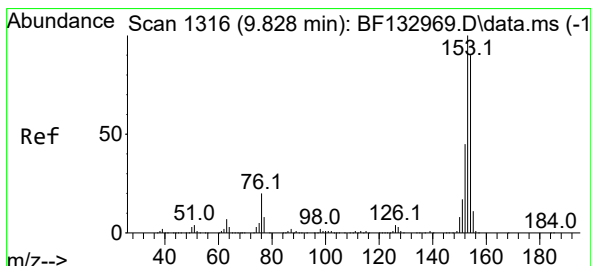
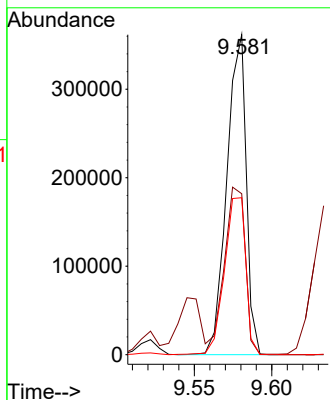
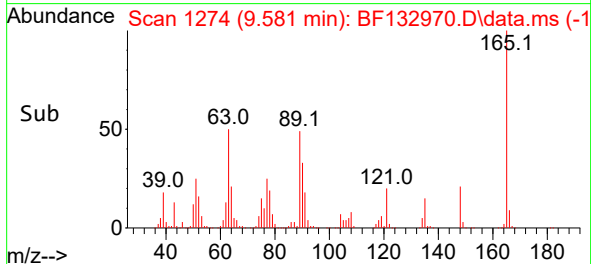
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 314780
Ion Ratio Lower Upper
165 100
63 50.3 45.9 68.9
89 49.1 44.0 66.0

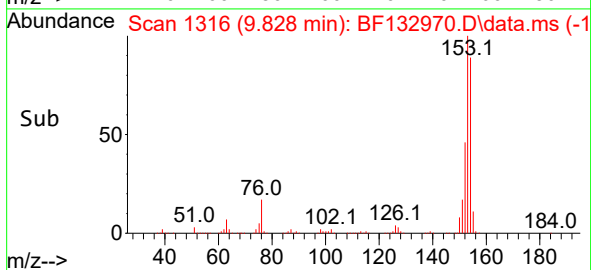
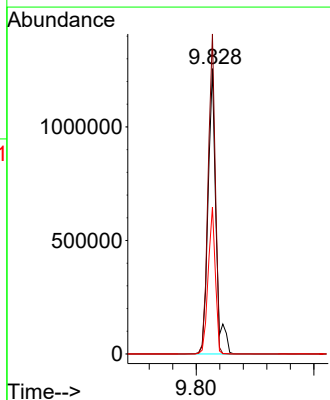
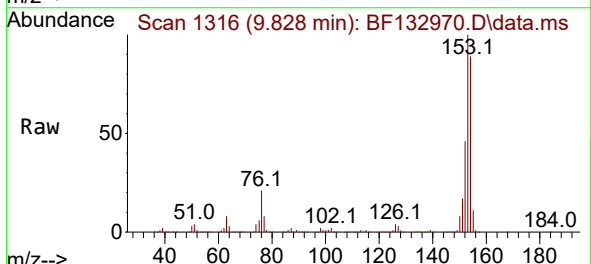
Manual Integrations
APPROVED

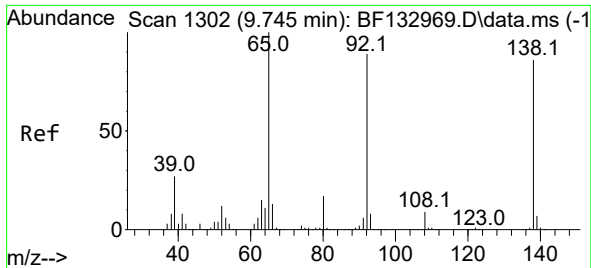
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#52
Acenaphthene
Concen: 45.799 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion:154 Resp: 1178545
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.6
152 51.5 40.4 60.6





#53
3-Nitroaniline
Concen: 48.851 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

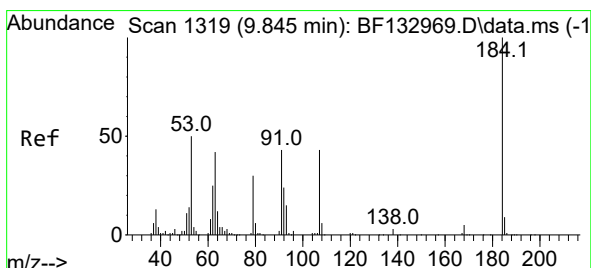
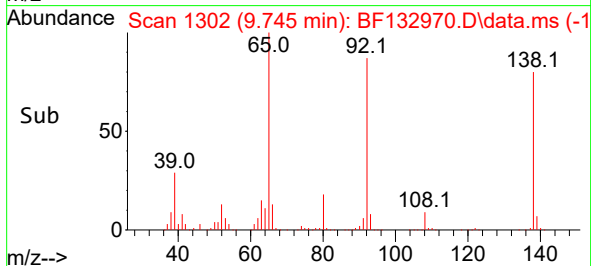
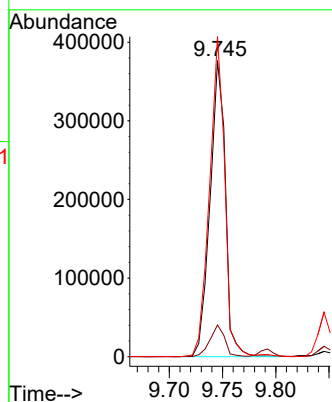
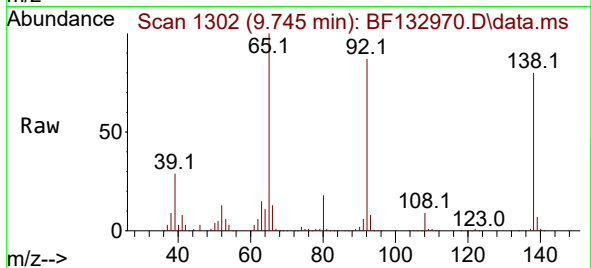
ClientSampleId :

SSTDICC050

Tgt Ion:138 Resp: 37768
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 108.1 83.6 125.4

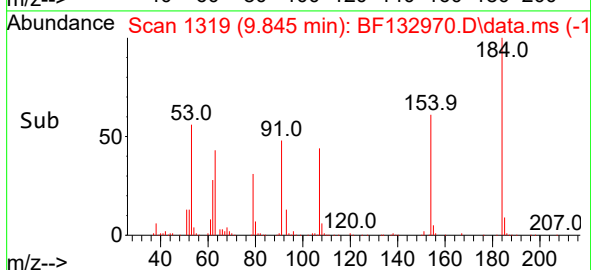
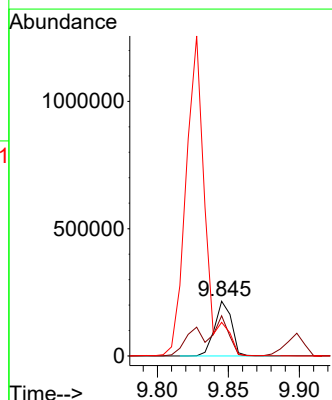
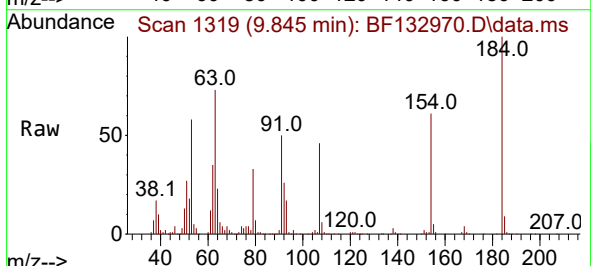
Manual Integrations
APPROVED

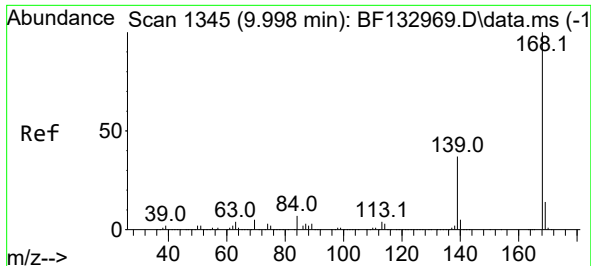
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#54
2,4-Dinitrophenol
Concen: 54.508 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion:184 Resp: 178148
Ion Ratio Lower Upper
184 100
63 73.4 49.8 74.8
154 61.3 49.5 74.3





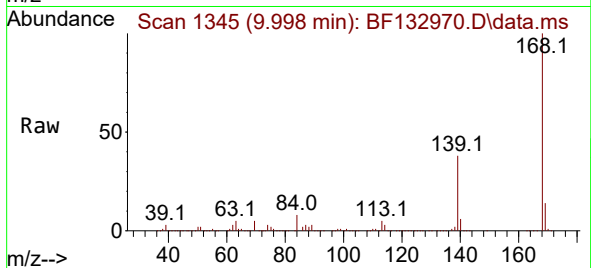
#55
Dibenzofuran
Concen: 45.306 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

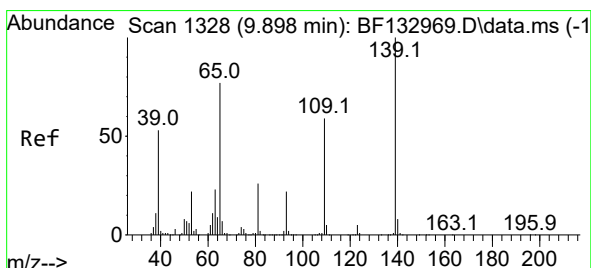
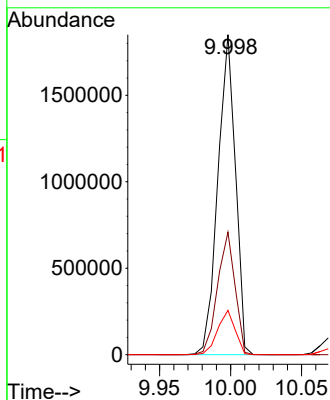
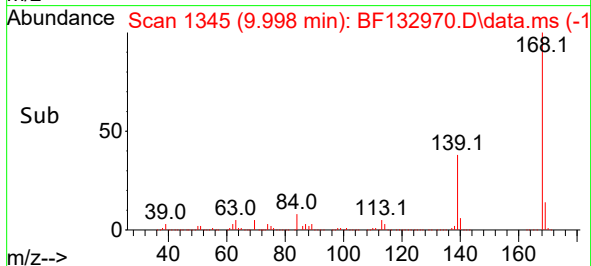


Tgt Ion:168 Resp: 159034
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.8
169 13.8 10.8 16.2

Manual Integrations

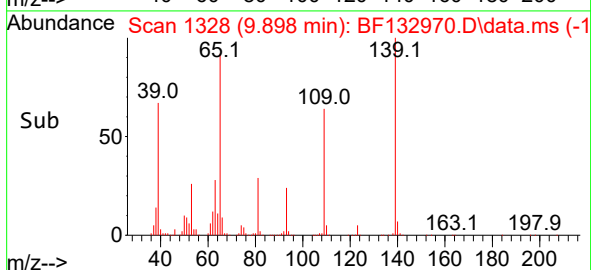
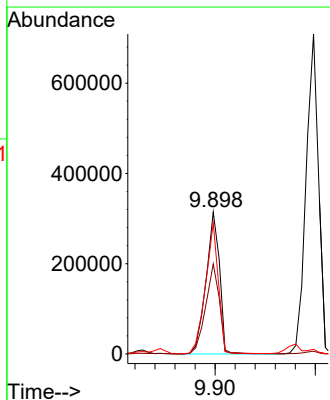
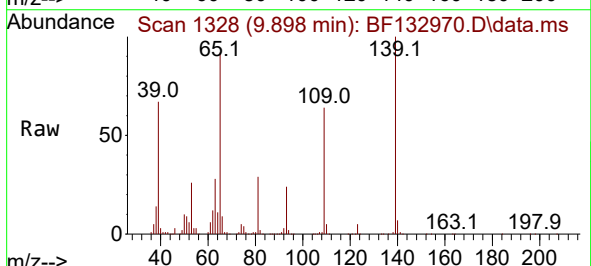
APPROVED

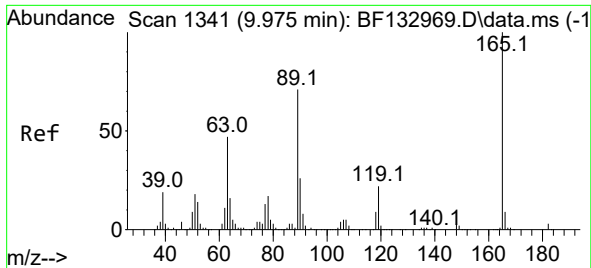
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#56
4-Nitrophenol
Concen: 49.407 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion:139 Resp: 295849
Ion Ratio Lower Upper
139 100
109 63.5 39.4 79.4
65 92.3 57.5 97.5





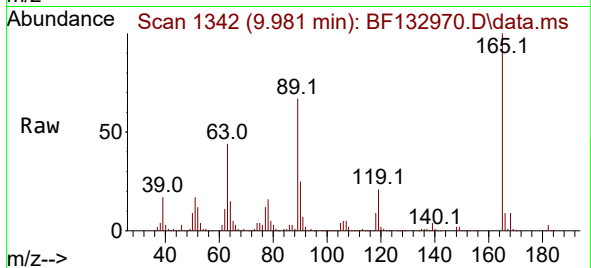
#57
2,4-Dinitrotoluene
Concen: 48.567 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

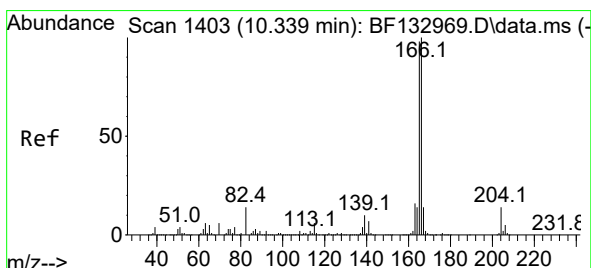
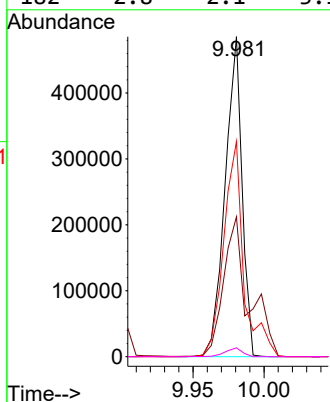
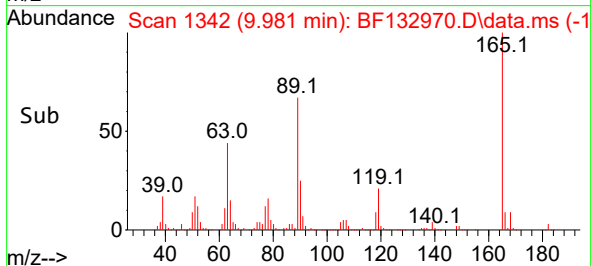


Tgt Ion:165 Resp: 402725
Ion Ratio Lower Upper
165 100
63 43.7 37.7 56.5
89 67.2 57.0 85.4
182 2.8 2.1 3.1

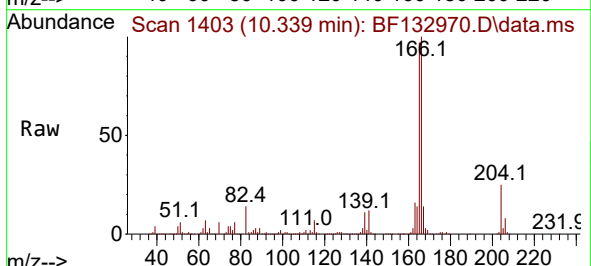
Manual Integrations

APPROVED

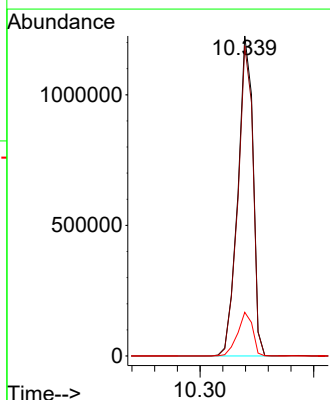
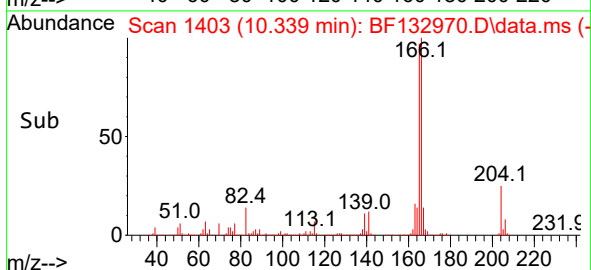
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

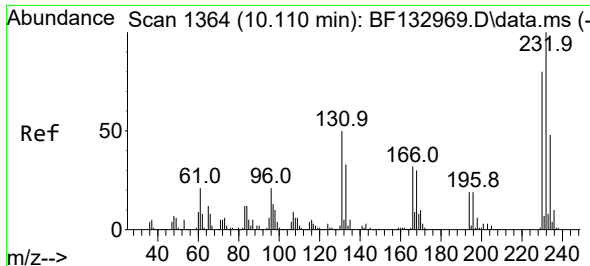


#58
Fluorene
Concen: 44.043 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



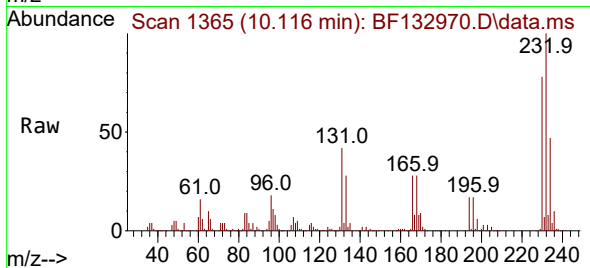
Tgt Ion:166 Resp: 1132688
Ion Ratio Lower Upper
166 100
165 96.9 78.6 117.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.419 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

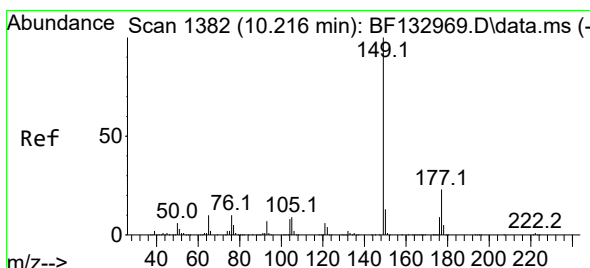
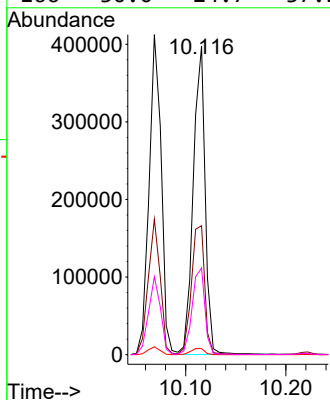
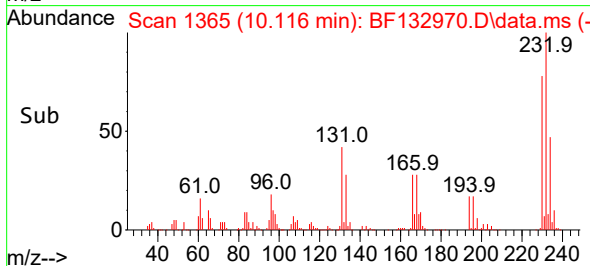
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



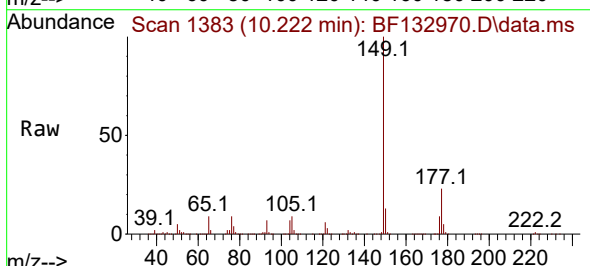
Tgt Ion:232 Resp: 32754
Ion Ratio Lower Upper
232 100
131 46.6 38.0 57.0
130 2.3 1.8 2.8
166 30.0 24.7 37.1

Manual Integrations
APPROVED

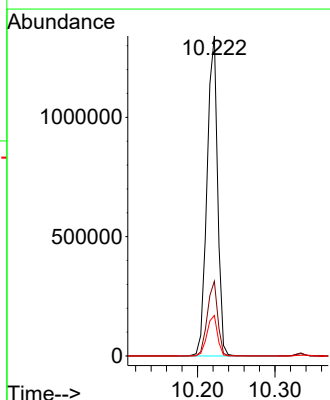
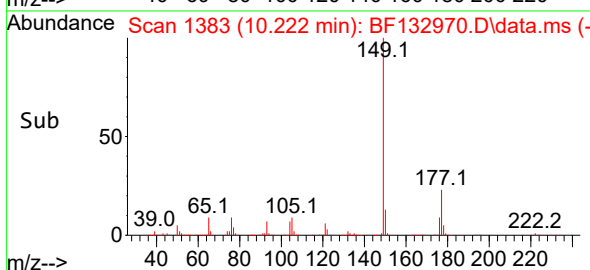
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

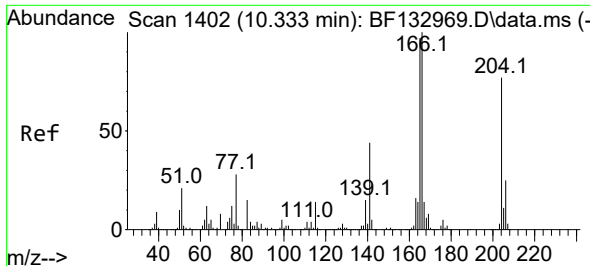


#60
Diethylphthalate
Concen: 46.444 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



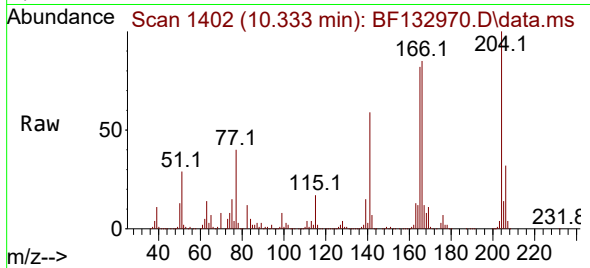
Tgt Ion:149 Resp: 1267340
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.247 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

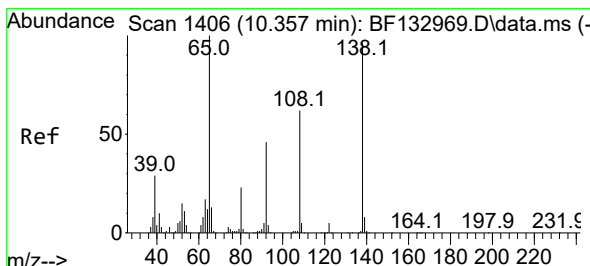
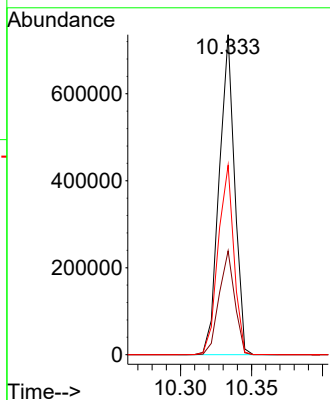
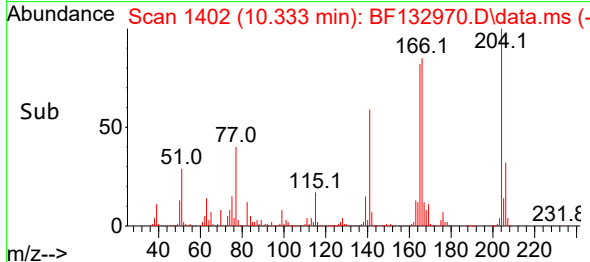
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



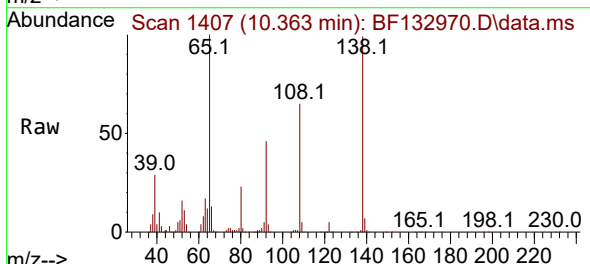
Tgt Ion:204 Resp: 55453
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 59.2 46.1 69.1

Manual Integrations
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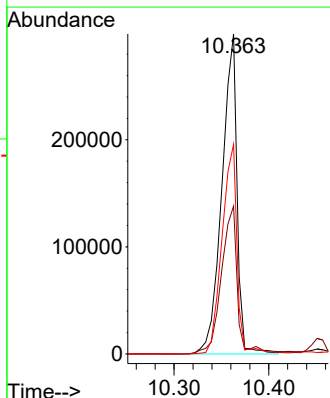
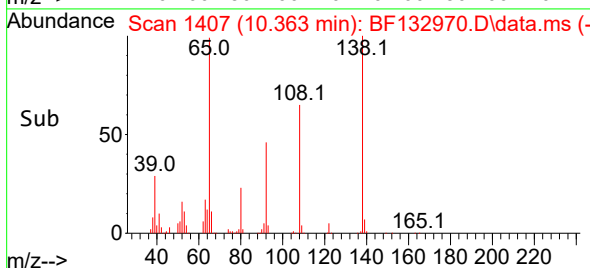
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

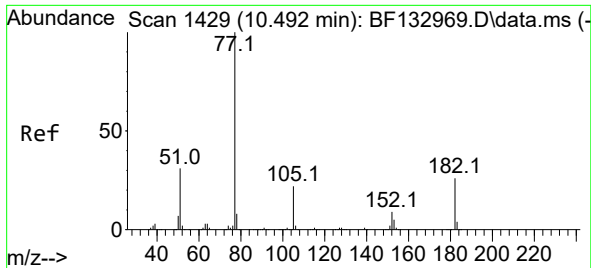


#62
4-Nitroaniline
Concen: 46.895 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:138 Resp: 333224
Ion Ratio Lower Upper
138 100
92 46.2 27.7 67.7
108 65.5 45.2 85.2





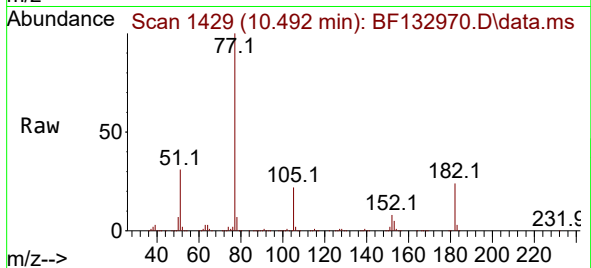
#63
Azobenzene
Concen: 46.380 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

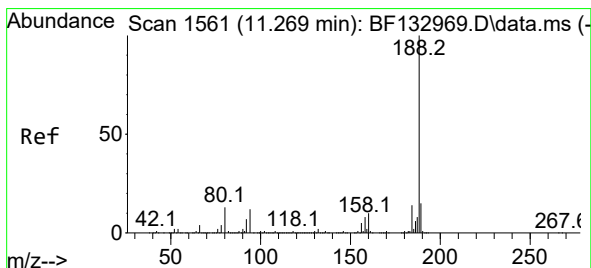
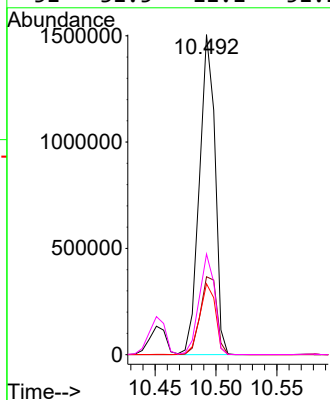
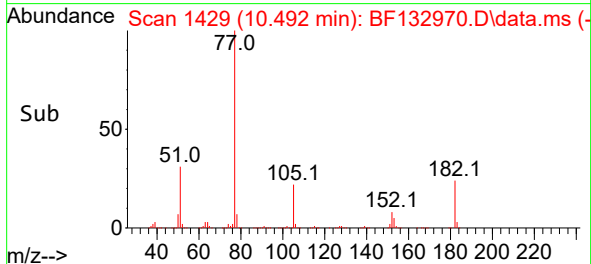


Tgt Ion: 77 Resp: 134069
Ion Ratio Lower Upper
77 100
182 24.4 5.9 45.9
105 22.2 2.3 42.3
51 31.5 11.1 51.1

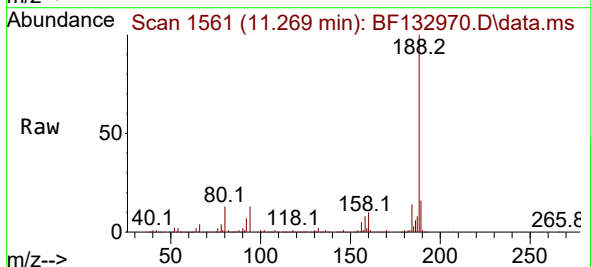
Manual Integrations

APPROVED

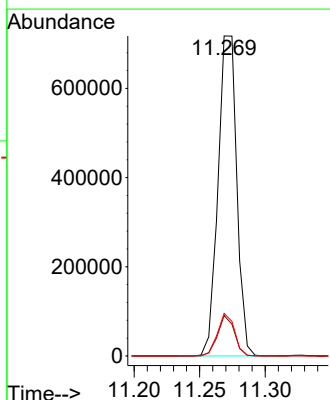
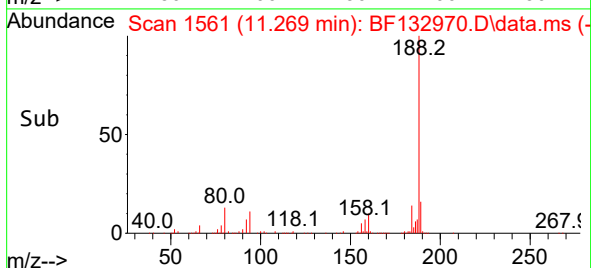
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

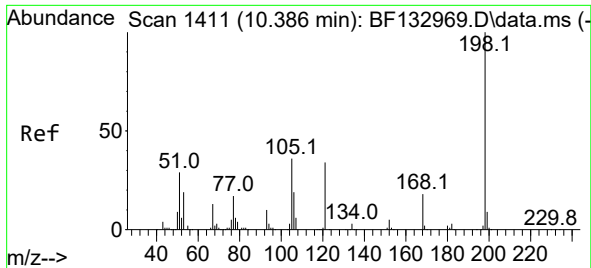


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:188 Resp: 713498
Ion Ratio Lower Upper
188 100
94 12.6 9.7 14.5
80 13.3 10.4 15.6





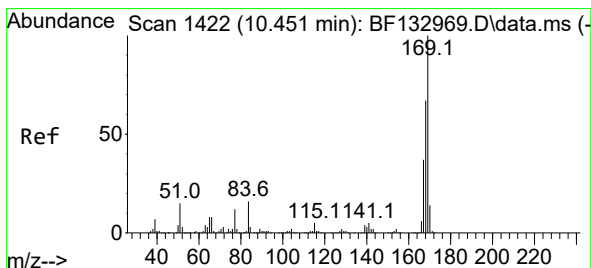
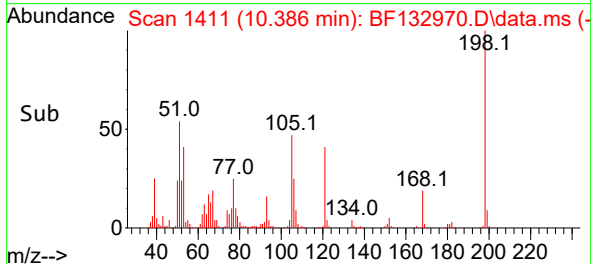
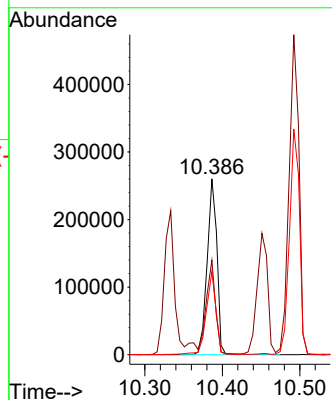
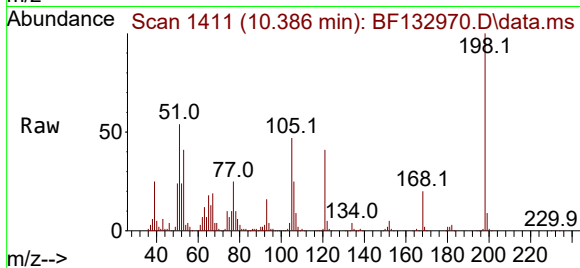
#65
4,6-Dinitro-2-methylphenol
Concen: 52.676 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 227801
Ion Ratio Lower Upper
198 100
51 53.7 15.5 55.5
105 47.3 16.7 56.7

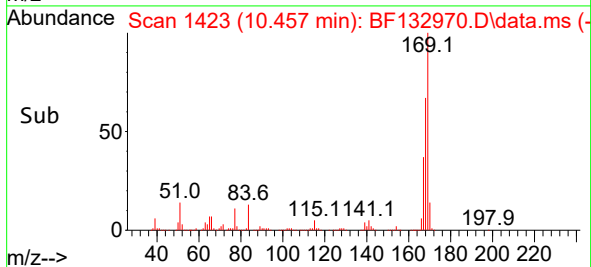
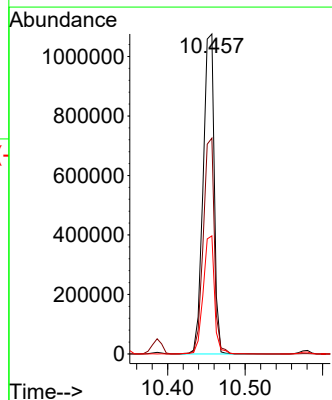
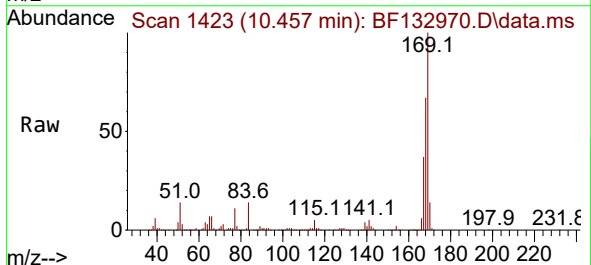
Manual Integrations
APPROVED

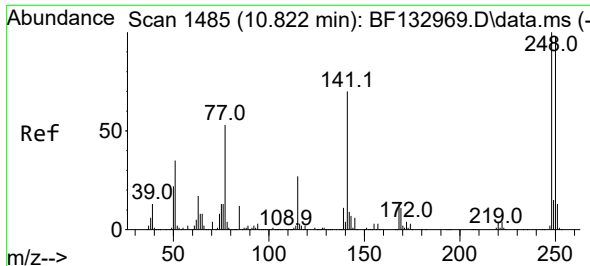
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#66
n-Nitrosodiphenylamine
Concen: 46.108 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

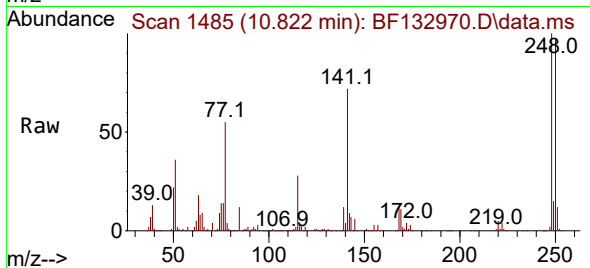
Tgt Ion:169 Resp: 1067120
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 47.289 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

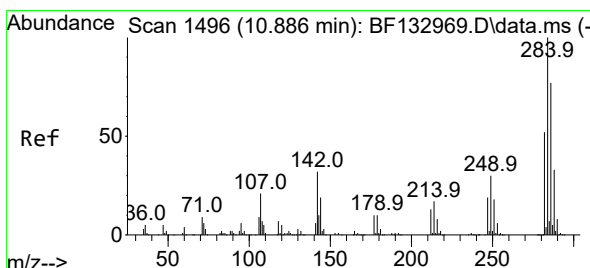
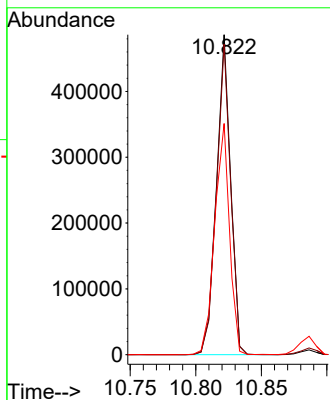
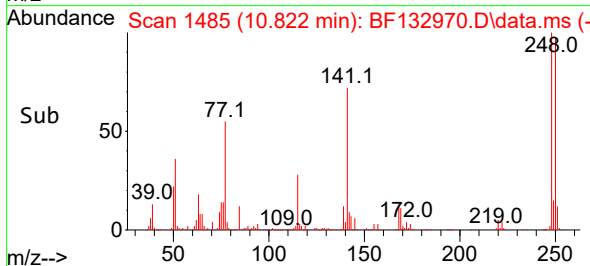
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



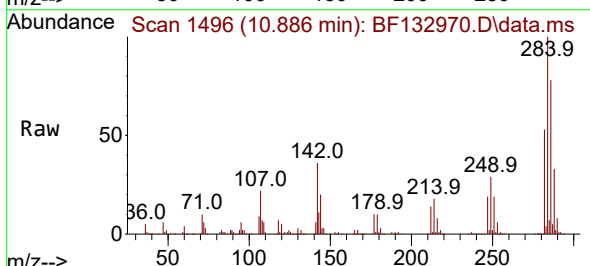
Tgt Ion:248 Resp: 365937
Ion Ratio Lower Upper
248 100
250 97.1 78.7 118.1
141 72.3 56.3 84.5

Manual Integrations
APPROVED

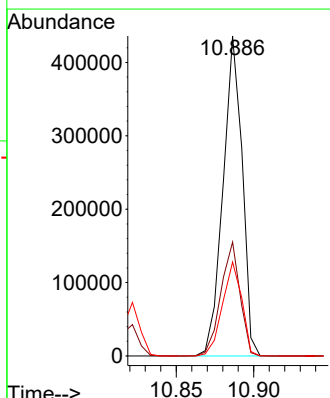
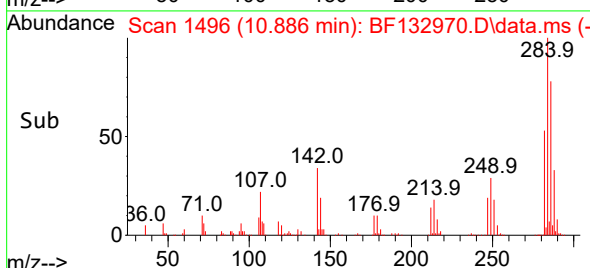
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

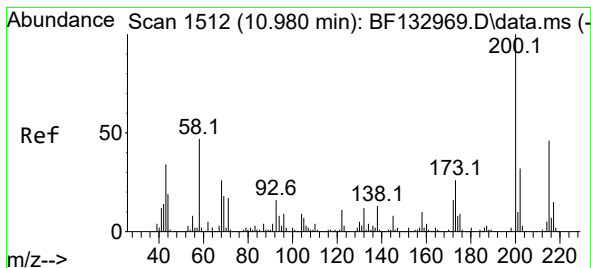


#68
Hexachlorobenzene
Concen: 47.213 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:284 Resp: 374371
Ion Ratio Lower Upper
284 100
142 35.6 26.0 39.0
249 29.3 23.7 35.5





#69

Atrazine

Concen: 46.563 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 310518

Ion Ratio Lower Upper

200 100

173 27.6 6.2 46.2

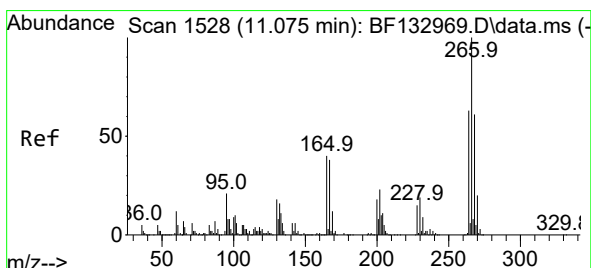
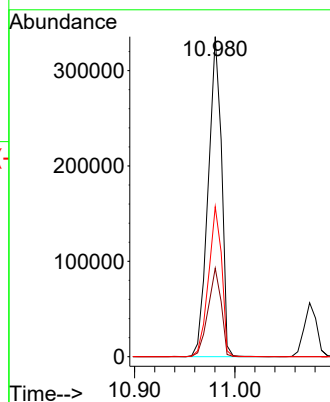
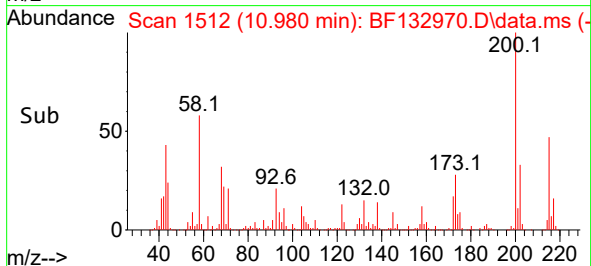
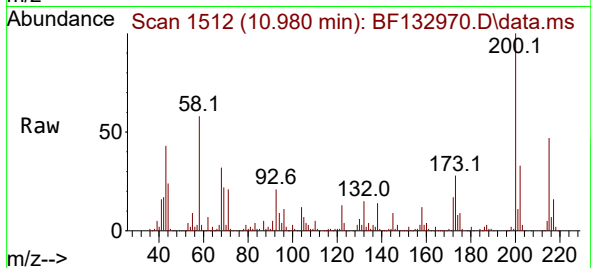
215 46.8 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#70

Pentachlorophenol

Concen: 49.333 ng

RT: 11.075 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

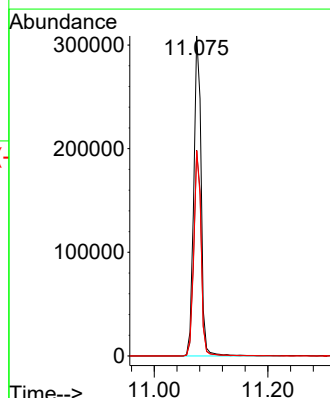
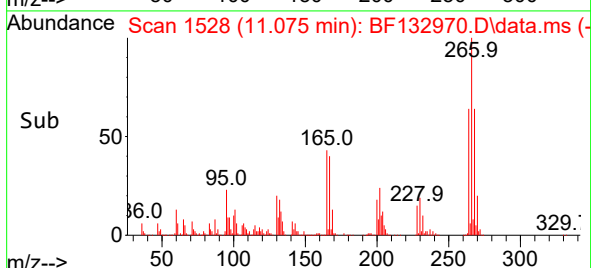
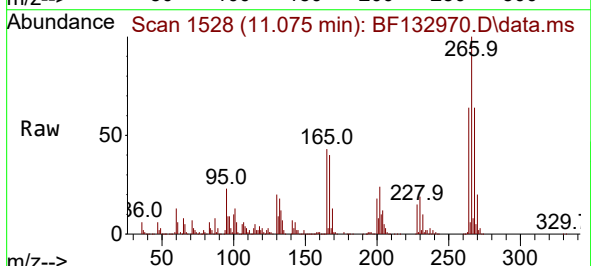
Tgt Ion:266 Resp: 278597

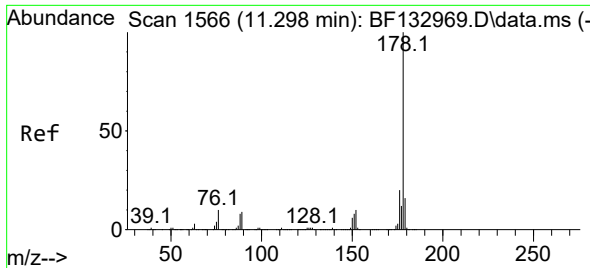
Ion Ratio Lower Upper

266 100

268 64.3 48.8 73.2

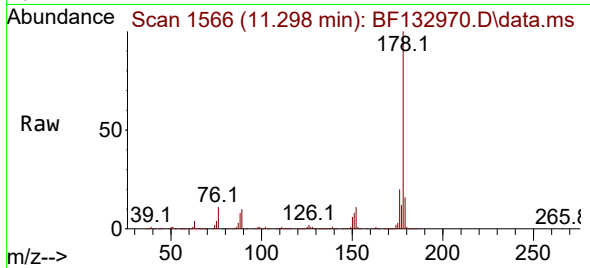
264 64.1 50.6 76.0





#71
Phenanthrene
Concen: 45.193 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

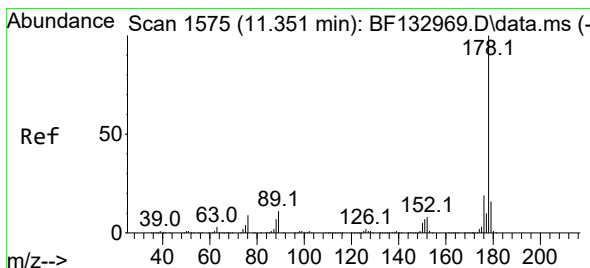
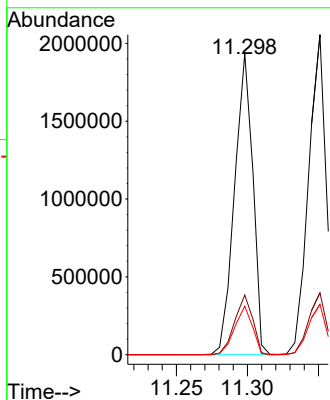
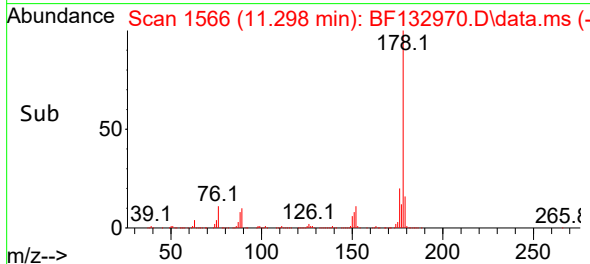
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



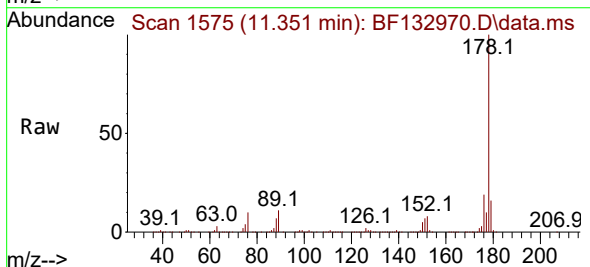
Tgt Ion:178 Resp: 1733098
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.1 12.5 18.7

Manual Integrations
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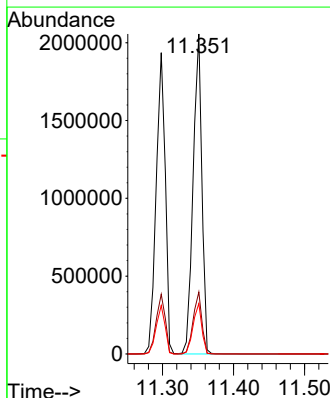
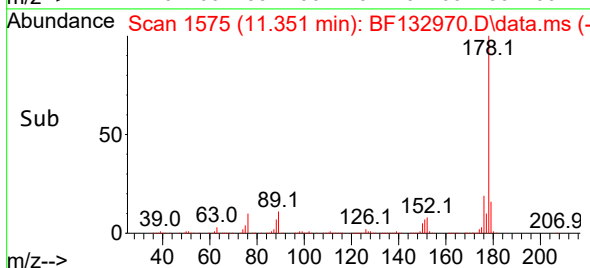
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

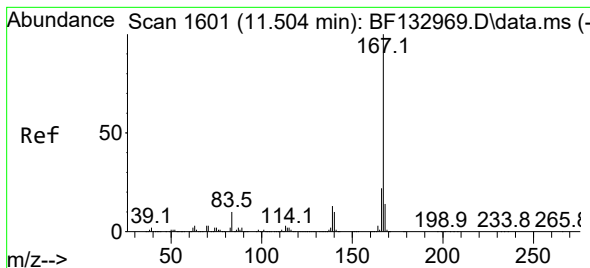


#72
Anthracene
Concen: 45.092 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



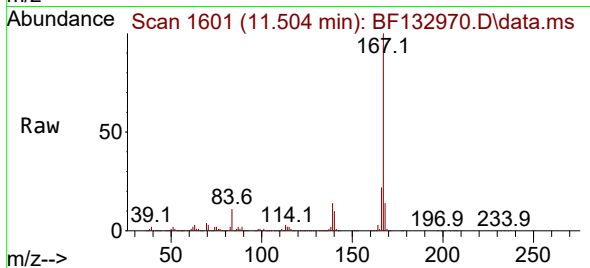
Tgt Ion:178 Resp: 1769667
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 45.727 ng
 RT: 11.504 min Scan# 1601
 Delta R.T. 0.000 min
 Lab File: BF132970.D
 Acq: 21 Apr 2023 15:47

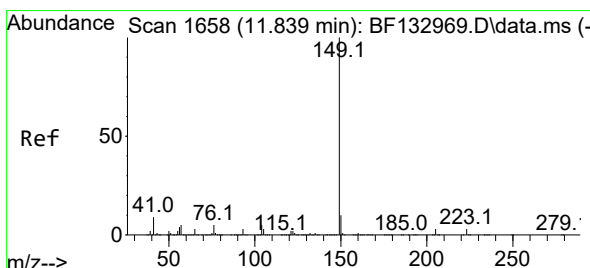
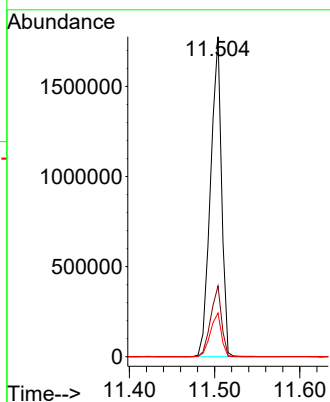
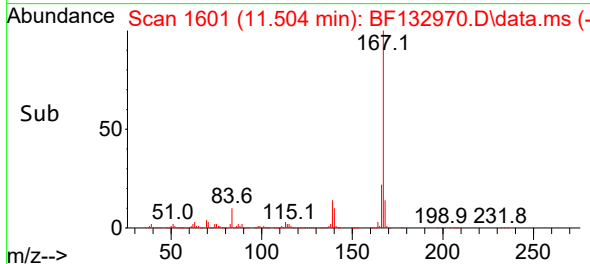
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



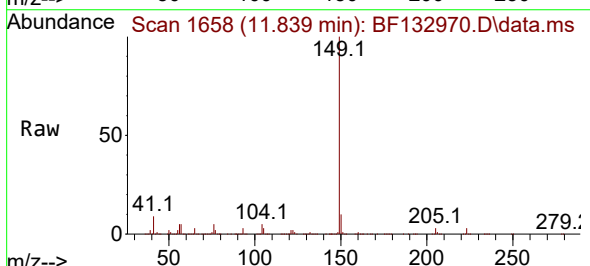
Tgt Ion:167 Resp: 1597925
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.7 10.6 16.0

Manual Integrations
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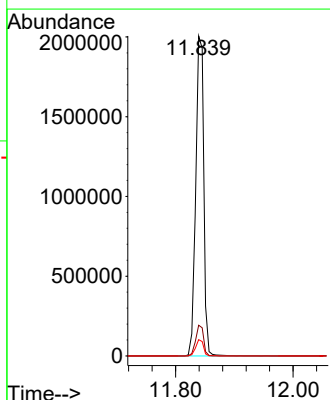
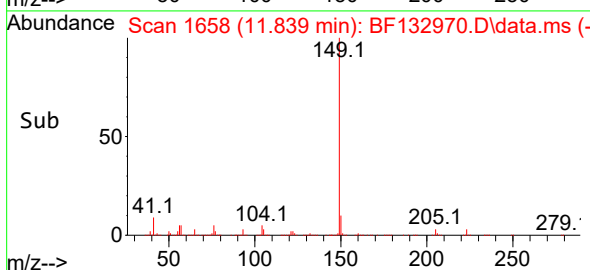
Reviewed By :Christian Giraldo 04/24/2023
 Supervised By :Jagrut Upadhyay 04/24/2023

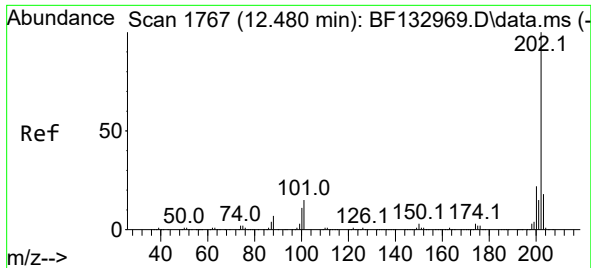


#74
 Di-n-butylphthalate
 Concen: 47.675 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BF132970.D
 Acq: 21 Apr 2023 15:47



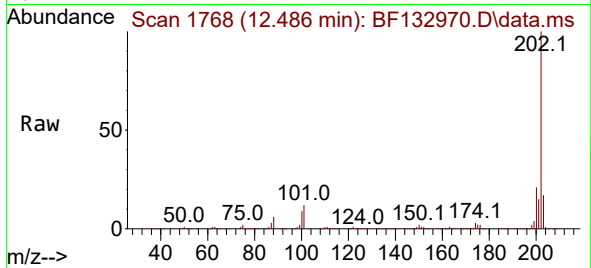
Tgt Ion:149 Resp: 1885351
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 45.966 ng
RT: 12.486 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

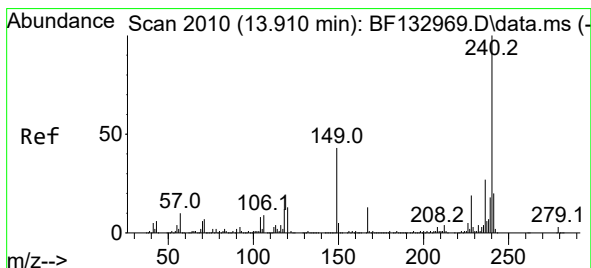
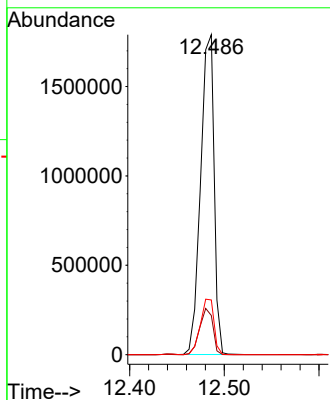
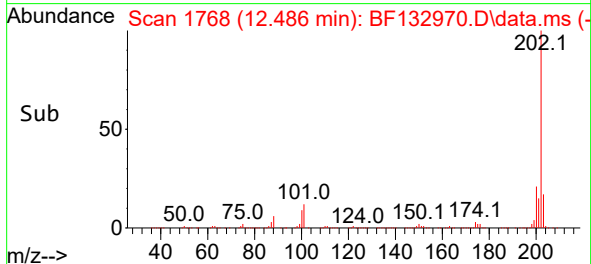
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1769085
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.3
203 17.1 0.0 38.1

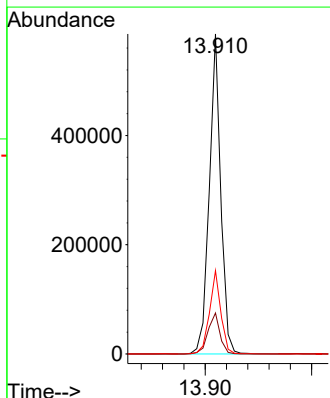
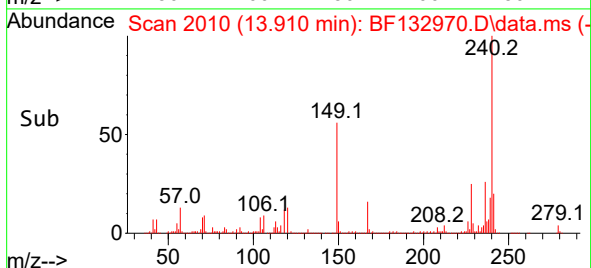
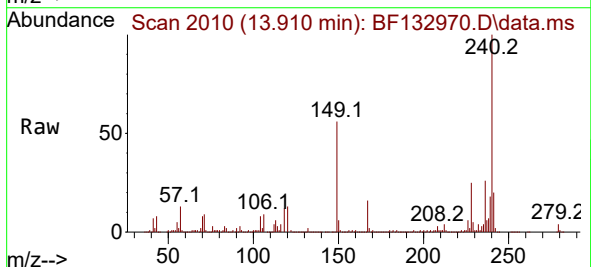
Manual Integrations
APPROVED

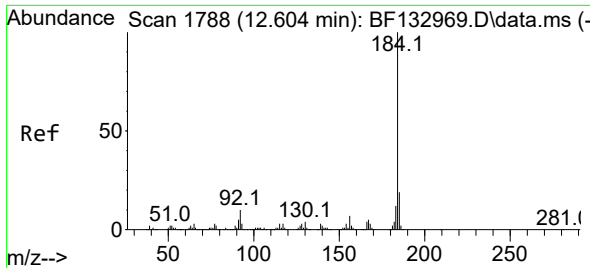
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

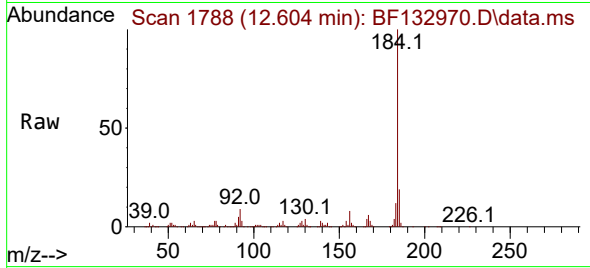
Tgt Ion:240 Resp: 437491
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 26.1 21.5 32.3





#77
Benzidine
Concen: 42.525 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

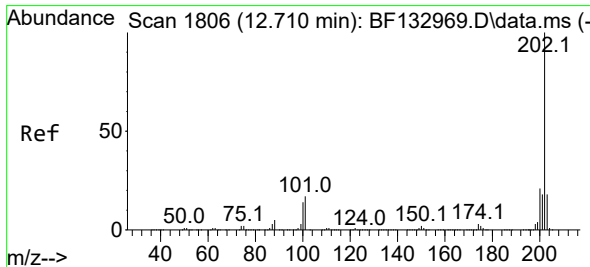
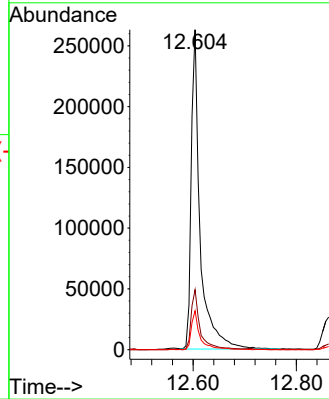
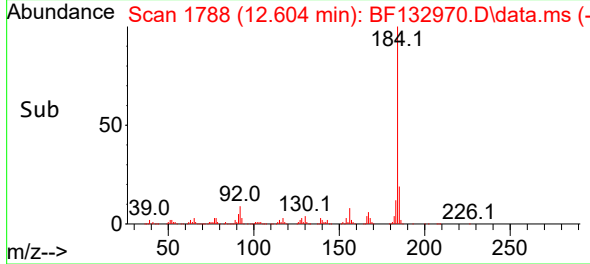
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



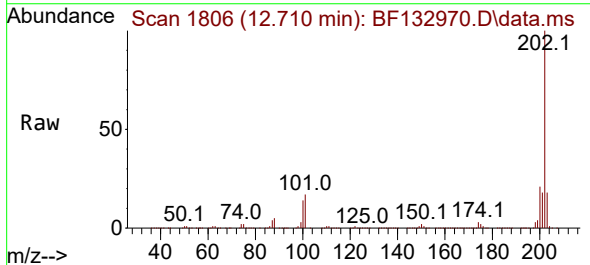
Tgt Ion:184 Resp: 314609
Ion Ratio Lower Upper
184 100
185 18.8 15.4 23.2
183 12.1 9.4 14.0

Manual Integrations
APPROVED

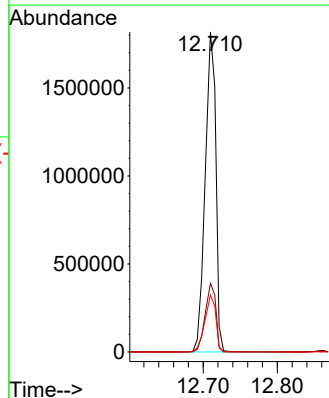
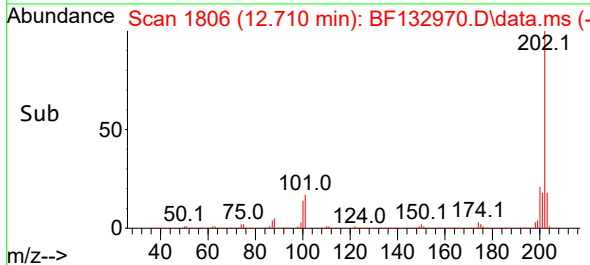
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

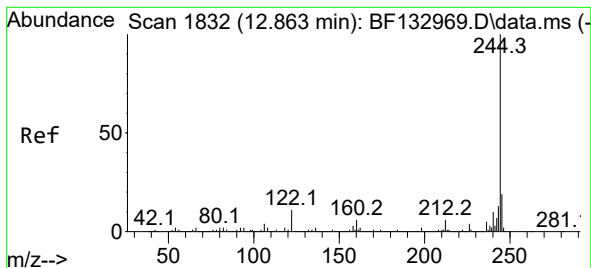


#78
Pyrene
Concen: 48.393 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:202 Resp: 1814883
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 92.960 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF132970.D

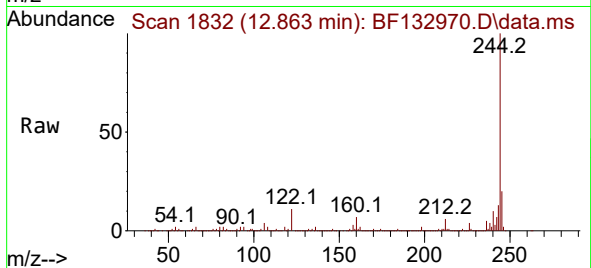
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:244 Resp: 235808

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

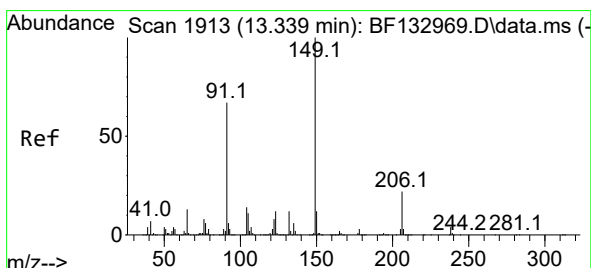
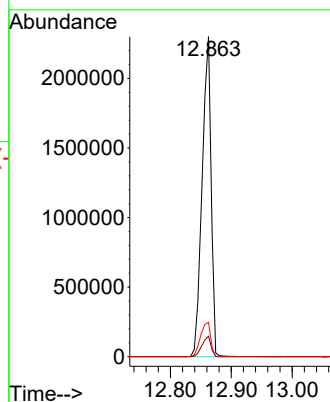
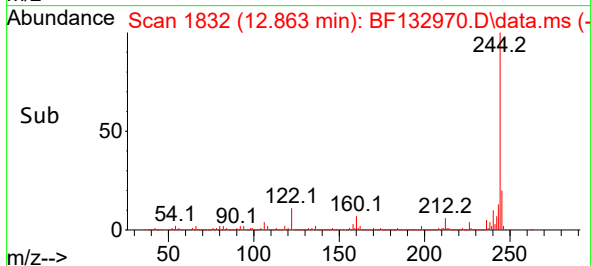
122 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#80

Butylbenzylphthalate

Concen: 52.617 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

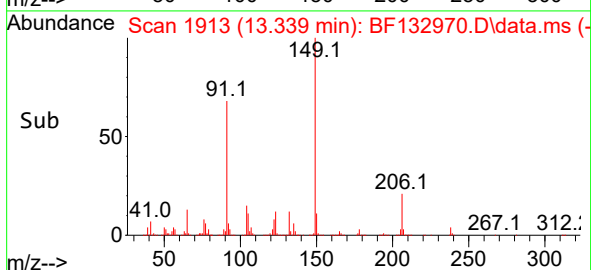
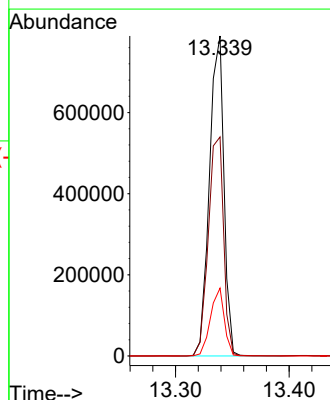
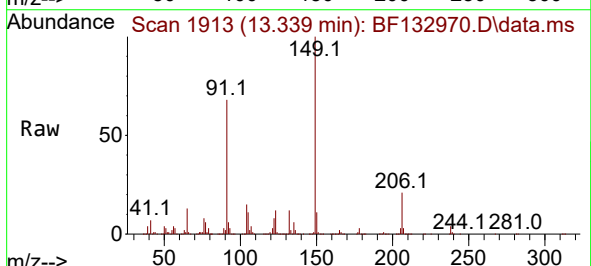
Tgt Ion:149 Resp: 698690

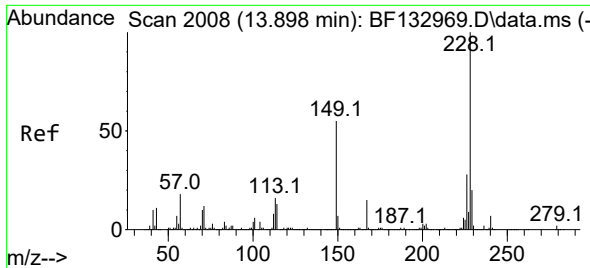
Ion Ratio Lower Upper

149 100

91 68.4 53.8 80.6

206 21.2 17.5 26.3





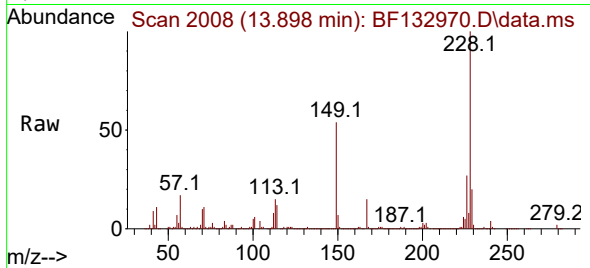
#81
Benzo(a)anthracene
Concen: 47.170 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

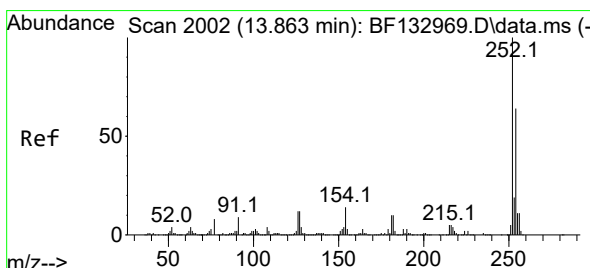
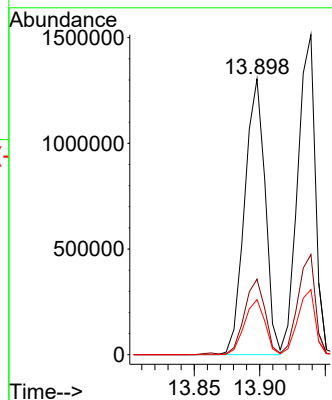
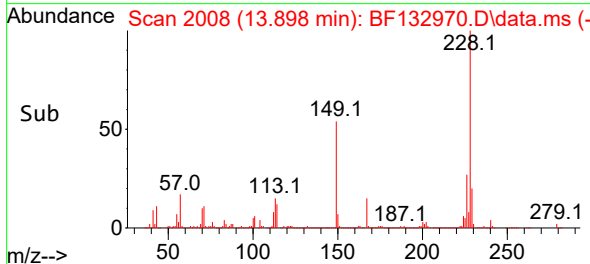


Tgt Ion:228 Resp: 141911
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.0 16.0 24.0

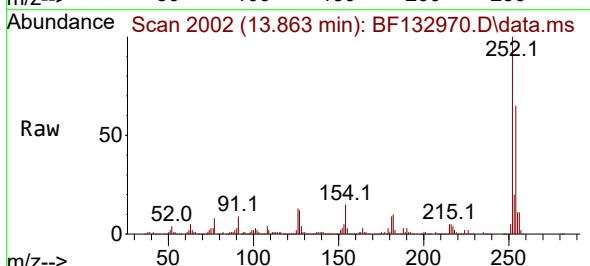
Manual Integrations

APPROVED

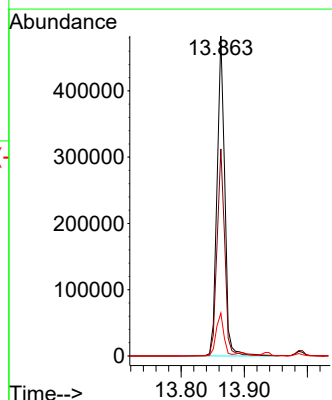
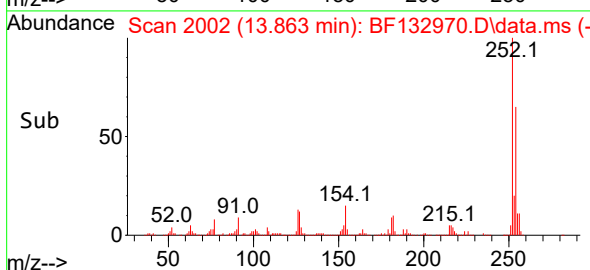
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

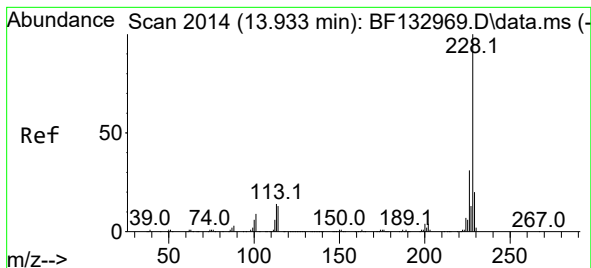


#82
3,3'-Dichlorobenzidine
Concen: 49.274 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion:252 Resp: 409517
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 13.4 9.5 14.3





#83

Chrysene

Concen: 47.349 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 142412

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

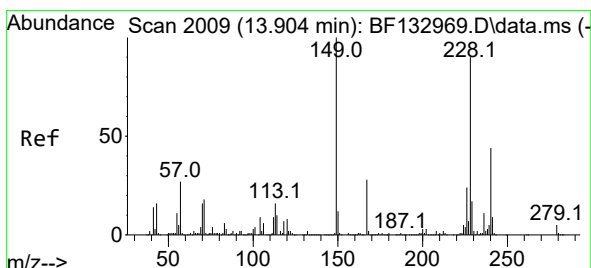
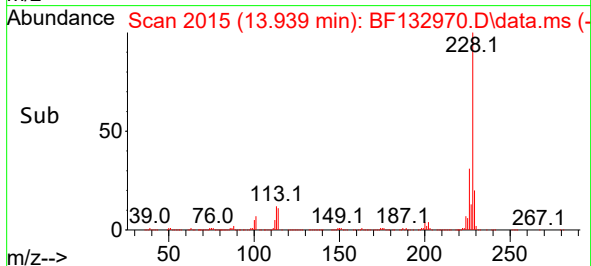
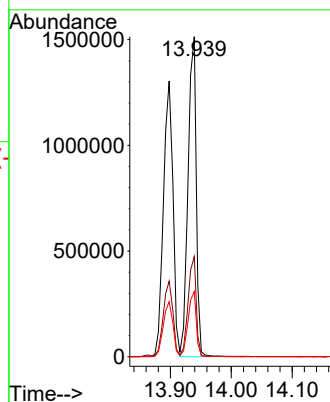
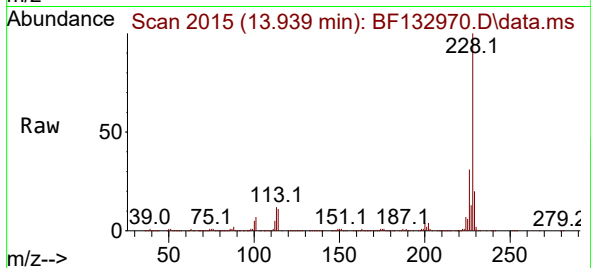
229 20.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.832 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

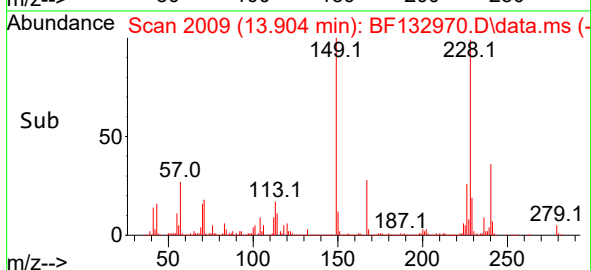
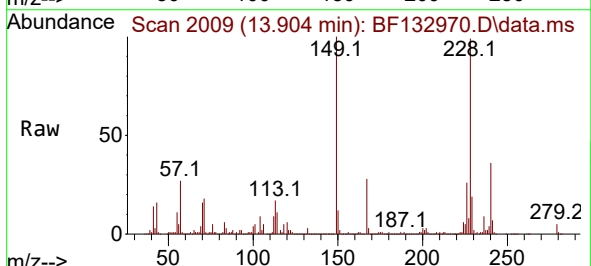
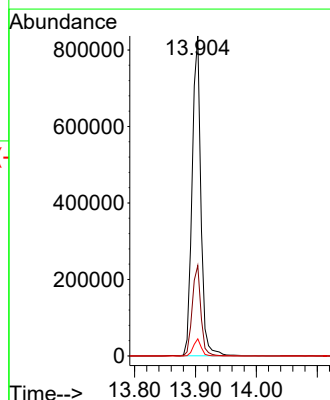
Tgt Ion:149 Resp: 830572

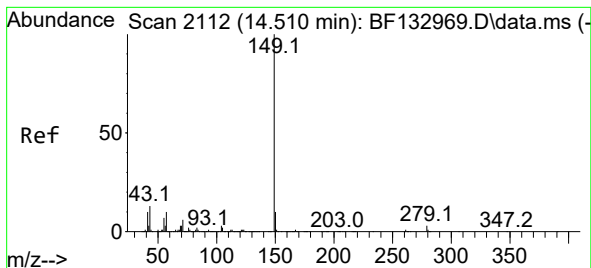
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.217 ng

RT: 14.510 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 139192

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

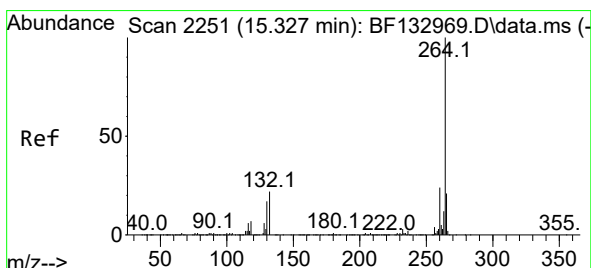
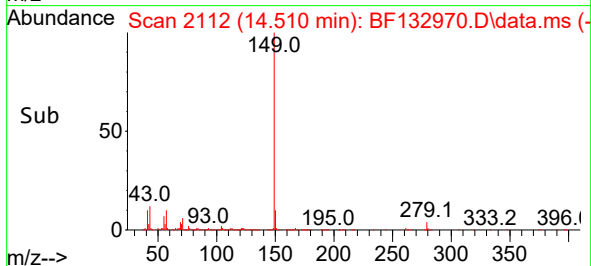
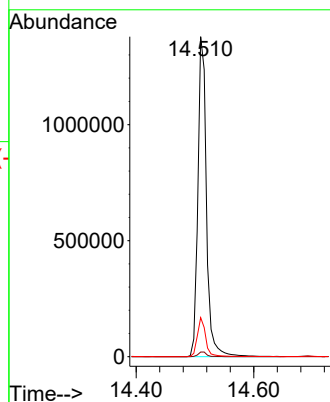
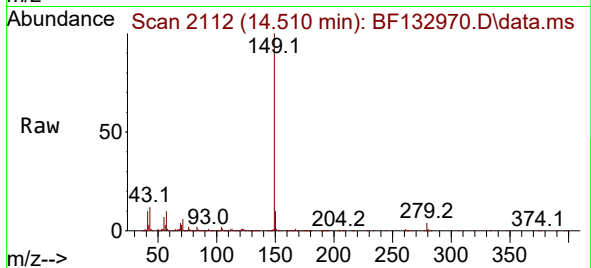
43 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

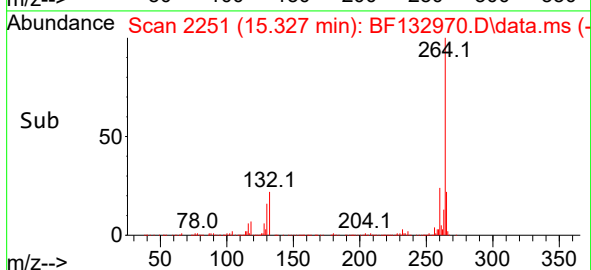
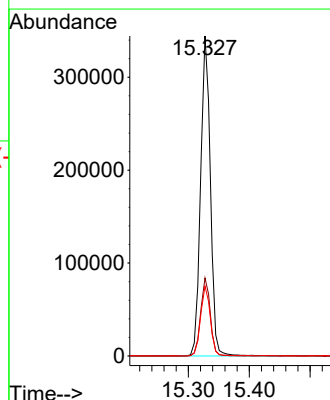
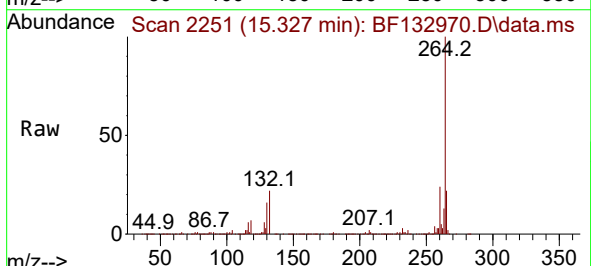
Tgt Ion:264 Resp: 382188

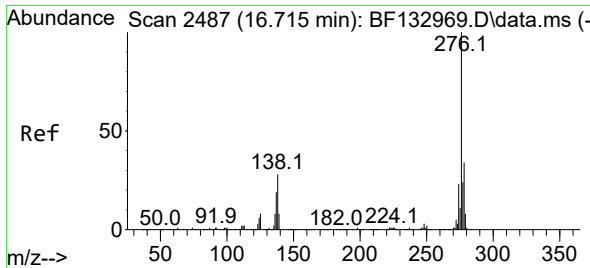
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.8 17.0 25.4





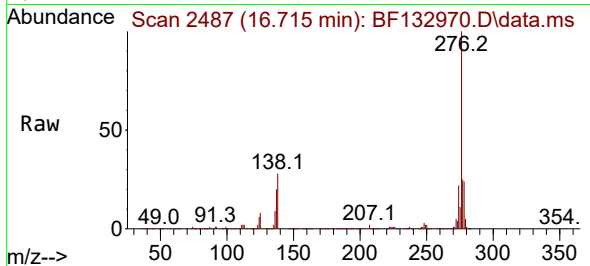
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.850 ng
RT: 16.715 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

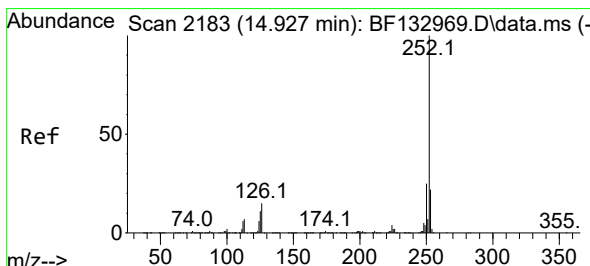
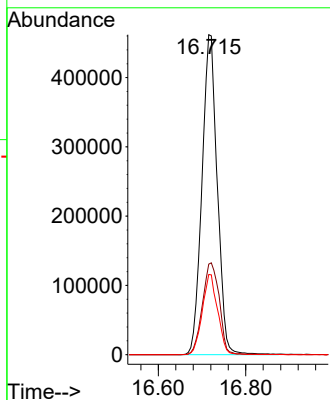
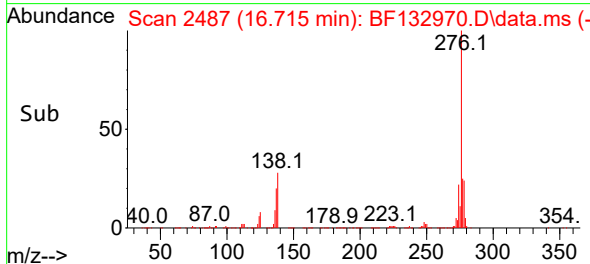


Tgt Ion:276 Resp: 1127200
Ion Ratio Lower Upper
276 100
138 31.5 25.5 38.3
277 25.2 20.4 30.6

Manual Integrations

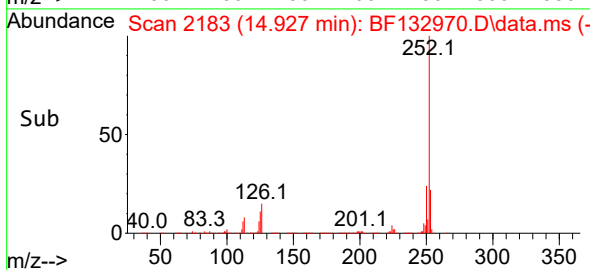
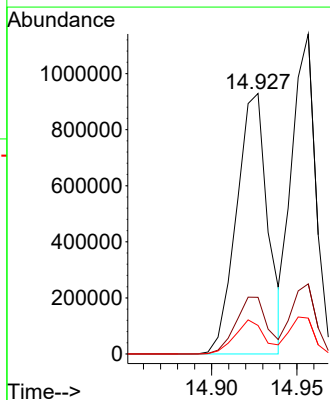
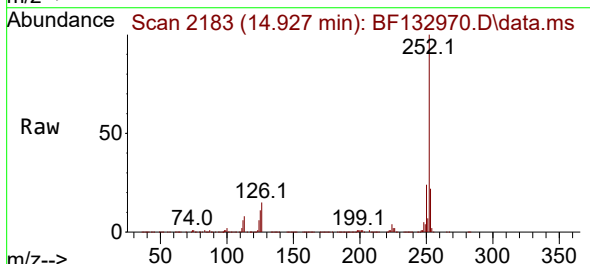
APPROVED

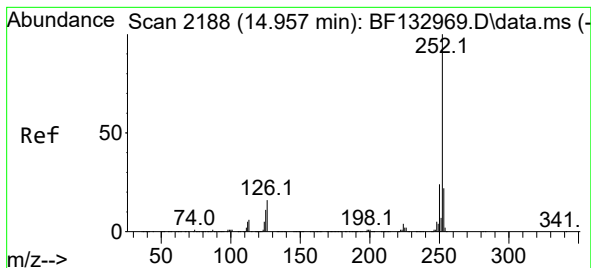
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#88
Benzo(b)fluoranthene
Concen: 49.000 ng
RT: 14.927 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

Tgt Ion:252 Resp: 1191408
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 46.665 ng

RT: 14.957 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF132970.D

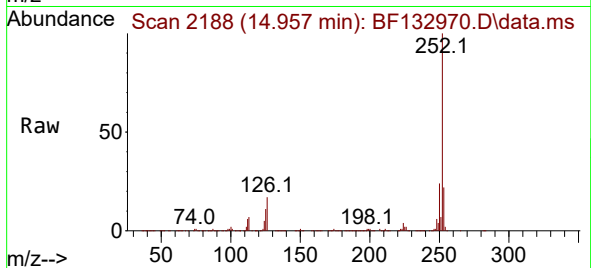
Acq: 21 Apr 2023 15:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:252 Resp: 1124734

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

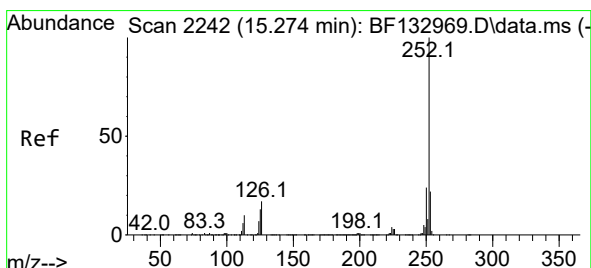
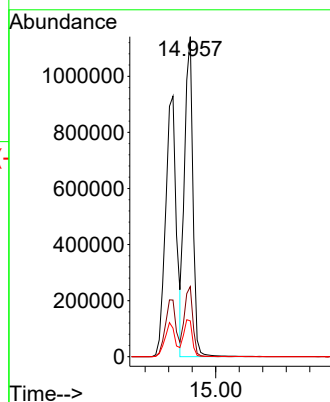
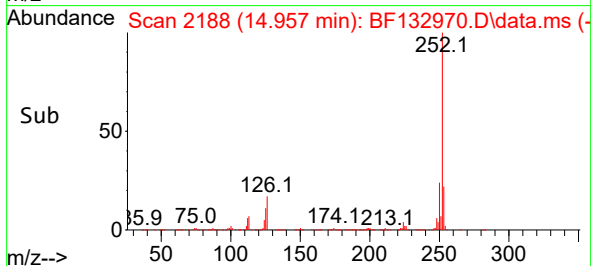
125 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#90

Benzo(a)pyrene

Concen: 48.677 ng

RT: 15.274 min Scan# 2242

Delta R.T. 0.000 min

Lab File: BF132970.D

Acq: 21 Apr 2023 15:47

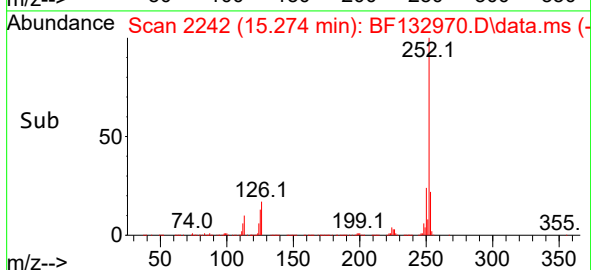
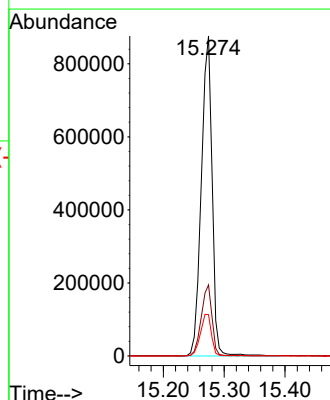
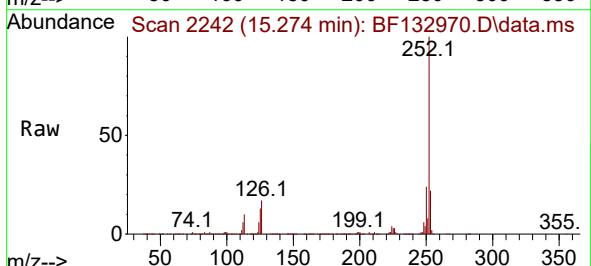
Tgt Ion:252 Resp: 1077280

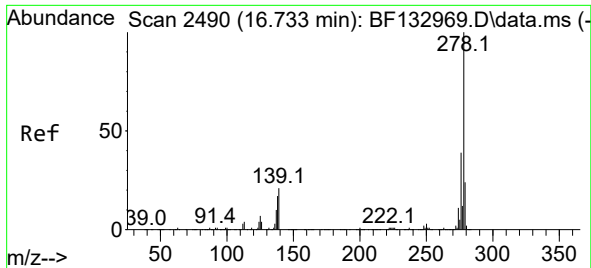
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

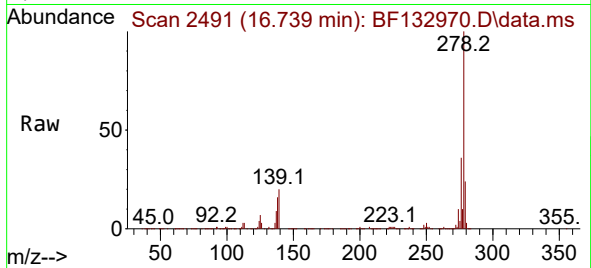
125 12.9 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 51.665 ng
RT: 16.739 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47

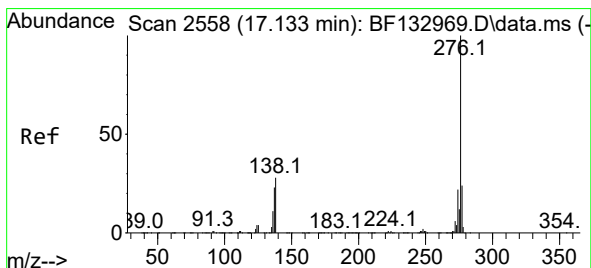
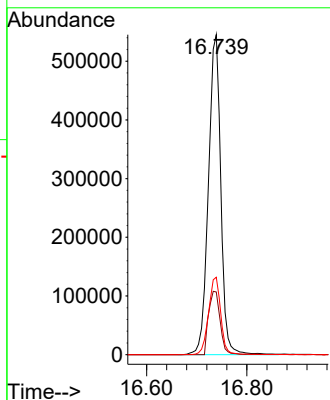
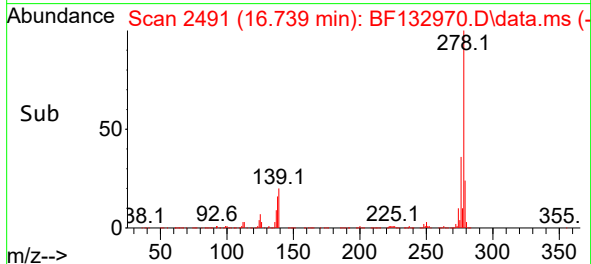
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



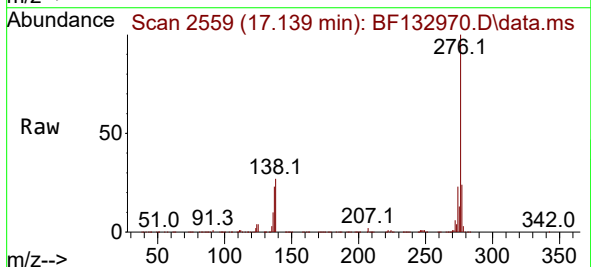
Tgt Ion: 278 Resp: 93679
Ion Ratio Lower Upper
278 100
139 19.6 16.6 24.8
279 24.2 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023



#92
Benzo(g,h,i)perylene
Concen: 52.792 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.006 min
Lab File: BF132970.D
Acq: 21 Apr 2023 15:47



Tgt Ion: 276 Resp: 945017
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 27.0 22.7 34.1

