

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132969.D
 Acq On : 21 Apr 2023 15:15
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 03:14:06 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	198345	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	775044	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	391672	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	679302	20.000	ng	0.00
76) Chrysene-d12	13.910	240	435972	20.000	ng	0.00
86) Perylene-d12	15.327	264	381830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1048959	79.889	ng	0.00
7) Phenol-d6	6.387	99	1292128	79.285	ng	0.00
23) Nitrobenzene-d5	7.322	82	1173880	81.753	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	325641	82.671	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1896204	80.995	ng	0.00
79) Terphenyl-d14	12.863	244	2045457	80.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	242821	39.871	ng	100
3) Pyridine	3.128	79	663689	41.030	ng	100
4) n-Nitrosodimethylamine	3.087	42	335810	40.080	ng	100
6) Aniline	6.416	93	871374	41.513	ng	100
8) 2-Chlorophenol	6.534	128	537240	40.299	ng	100
9) Benzaldehyde	6.298	77	302440	40.352	ng	100
10) Phenol	6.398	94	722626	40.193	ng	100
11) bis(2-Chloroethyl)ether	6.492	93	541854	40.163	ng	100
12) 1,3-Dichlorobenzene	6.692	146	565867	39.924	ng	100
13) 1,4-Dichlorobenzene	6.769	146	576337	40.573	ng	100
14) 1,2-Dichlorobenzene	6.928	146	525196	40.103	ng	100
15) Benzyl Alcohol	6.898	79	468194	41.589	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.034	45	943718	40.273	ng	100
17) 2-Methylphenol	7.010	107	491033	40.225	ng	100
18) Hexachloroethane	7.269	117	198442	40.181	ng	100
19) n-Nitroso-di-n-propyla...	7.175	70	396956	39.125	ng	100
20) 3+4-Methylphenols	7.163	107	570365	39.675	ng	100
22) Acetophenone	7.169	105	703491	39.184	ng	100
24) Nitrobenzene	7.339	77	592708	40.735	ng	100
25) Isophorone	7.581	82	1100166	40.355	ng	100
26) 2-Nitrophenol	7.651	139	296968	42.315	ng	100
27) 2,4-Dimethylphenol	7.692	122	494835	41.120	ng	100
28) bis(2-Chloroethoxy)met...	7.792	93	651765	40.412	ng	100
29) 2,4-Dichlorophenol	7.892	162	452062	41.265	ng	100
30) 1,2,4-Trichlorobenzene	7.981	180	457371	40.300	ng	100
31) Naphthalene	8.063	128	1567547	40.453	ng	100
32) Benzoic acid	7.816	122	326619m	43.795	ng	
33) 4-Chloroaniline	8.110	127	623864	39.847	ng	100
34) Hexachlorobutadiene	8.181	225	254278	40.424	ng	100
35) Caprolactam	8.486	113	154832	42.072	ng	100
36) 4-Chloro-3-methylphenol	8.586	107	482937	40.880	ng	100
37) 2-Methylnaphthalene	8.751	142	1067576	40.298	ng	100
38) 1-Methylnaphthalene	8.851	142	994284	40.120	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	424136	40.275	ng	100
41) Hexachlorocyclopentadiene	8.904	237	261842	42.634	ng	100
43) 2,4,6-Trichlorophenol	9.028	196	298459	40.981	ng	100

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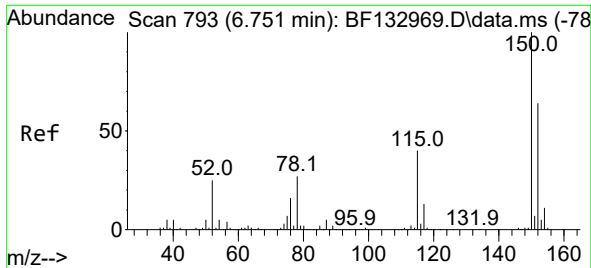
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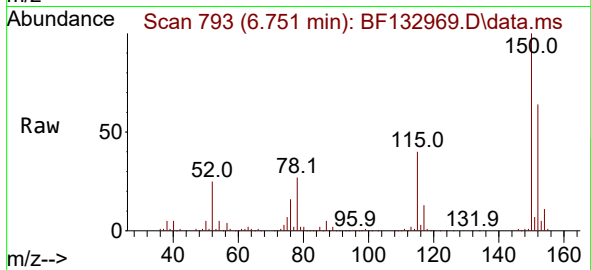
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	347628	41.272	ng	100
46) 1,1'-Biphenyl	9.216	154	1251907	40.309	ng	100
47) 2-Chloronaphthalene	9.239	162	914559	40.232	ng	100
48) 2-Nitroaniline	9.333	65	314632	41.879	ng	100
49) Acenaphthylene	9.651	152	1482633	40.818	ng	100
50) Dimethylphthalate	9.516	163	1103580	40.409	ng	100
51) 2,6-Dinitrotoluene	9.575	165	251779	40.960	ng	100
52) Acenaphthene	9.828	154	985477	40.509	ng	100
53) 3-Nitroaniline	9.745	138	306576	41.946	ng	100
54) 2,4-Dinitrophenol	9.845	184	136990	44.337	ng	100
55) Dibenzofuran	9.998	168	1331090	40.112	ng	100
56) 4-Nitrophenol	9.898	139	241943	42.740	ng	100
57) 2,4-Dinitrotoluene	9.975	165	332028	42.356	ng	100
58) Fluorene	10.339	166	947351	38.966	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	264669	40.532	ng	100
60) Diethylphthalate	10.216	149	1045025	40.510	ng	100
61) 4-Chlorophenyl-phenyle...	10.333	204	466828	39.402	ng	100
62) 4-Nitroaniline	10.357	138	271431	40.407	ng	100
63) Azobenzene	10.492	77	1100004	40.253	ng	100
65) 4,6-Dinitro-2-methylph...	10.386	198	182321	44.281	ng	100
66) n-Nitrosodiphenylamine	10.451	169	876563	39.781	ng	100
67) 4-Bromophenyl-phenylether	10.822	248	297230	40.344	ng	100
68) Hexachlorobenzene	10.886	284	306231	40.564	ng	100
69) Atrazine	10.980	200	264185	41.609	ng	100
70) Pentachlorophenol	11.075	266	231287	43.018	ng	100
71) Phenanthrene	11.298	178	1442591	39.512	ng	100
72) Anthracene	11.351	178	1493481	39.971	ng	100
73) Carbazole	11.504	167	1346578	40.474	ng	100
74) Di-n-butylphthalate	11.839	149	1564662	41.557	ng	100
75) Fluoranthene	12.480	202	1486851	40.577	ng	100
77) Benzidine	12.604	184	296779	40.255	ng	100
78) Pyrene	12.710	202	1536755	41.120	ng	100
80) Butylbenzylphthalate	13.339	149	579942	43.826	ng	100
81) Benzo(a)anthracene	13.898	228	1235111	41.197	ng	100
82) 3,3'-Dichlorobenzidine	13.863	252	358118	43.240	ng	100
83) Chrysene	13.933	228	1231622	41.091	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	712508	42.898	ng	100
85) Di-n-octyl phthalate	14.510	149	1178239	43.505	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	921572	42.431	ng	100
88) Benzo(b)fluoranthene	14.927	252	1018595	41.932	ng	100
89) Benzo(k)fluoranthene	14.957	252	984114	40.869	ng	100
90) Benzo(a)pyrene	15.274	252	917919	41.515	ng	100
91) Dibenzo(a,h)anthracene	16.733	278	780355	43.078	ng	100
92) Benzo(g,h,i)perylene	17.133	276	767173	42.897	ng	100

(#) = 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: BF132969.D
Acq: 21 Apr 2023 15:15

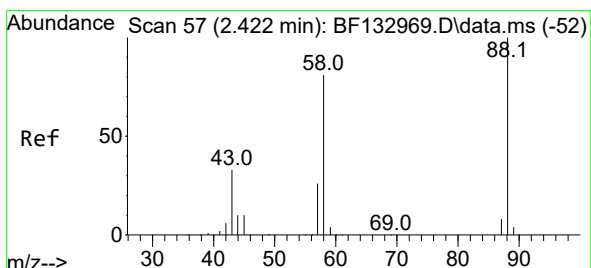
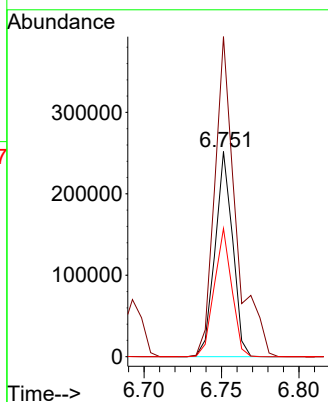
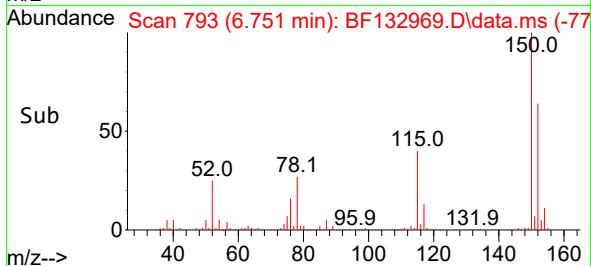
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 198345
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 62.4 49.9 74.9

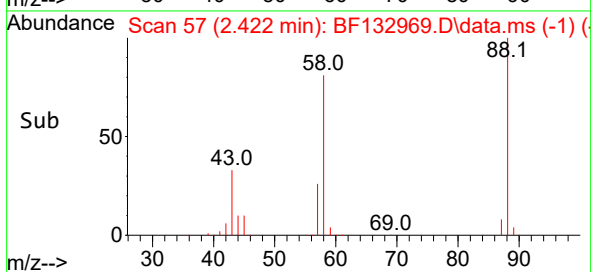
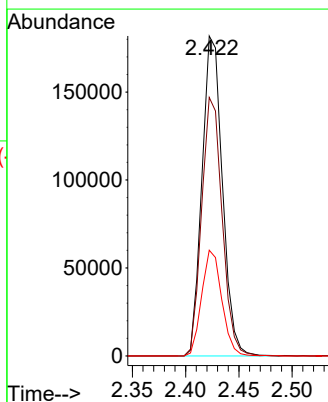
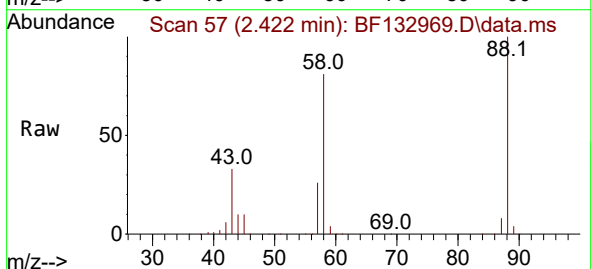
Manual Integrations
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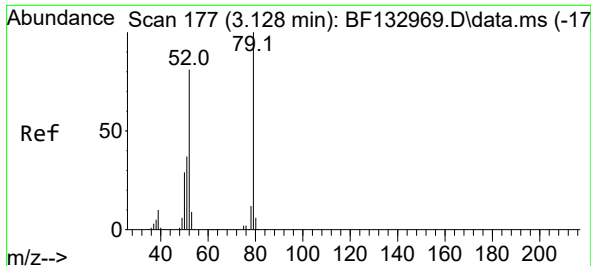
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#2
1,4-Dioxane
Concen: 39.871 ng
RT: 2.422 min Scan# 57
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

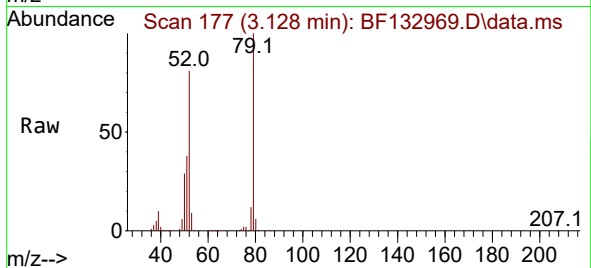
Tgt Ion: 88 Resp: 242821
Ion Ratio Lower Upper
88 100
58 80.9 64.7 97.1
43 32.7 26.2 39.2





#3
Pyridine
Concen: 41.030 ng
RT: 3.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

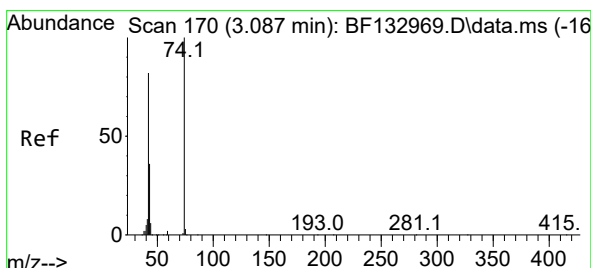
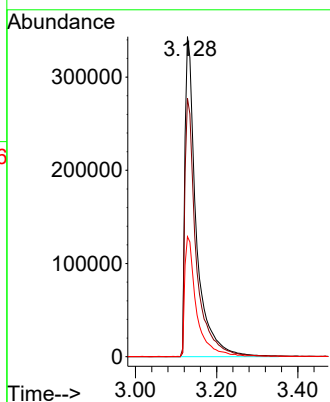
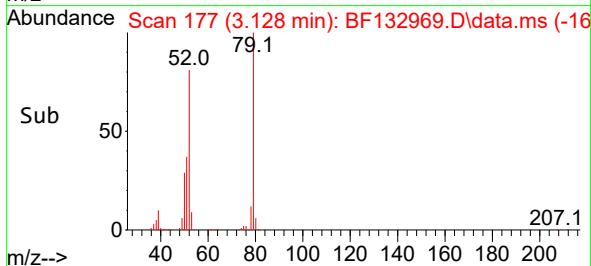
Instrument :
BNA_F
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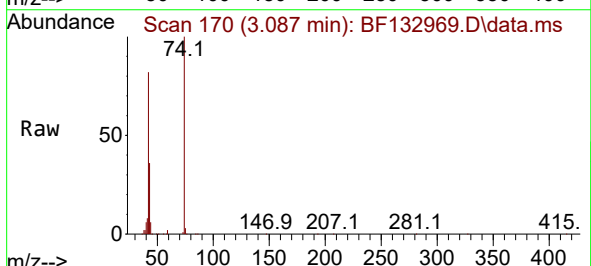
Tgt Ion: 79 Resp: 663689
Ion Ratio Lower Upper
79 100
52 80.7 64.6 96.8
51 37.5 30.0 45.0

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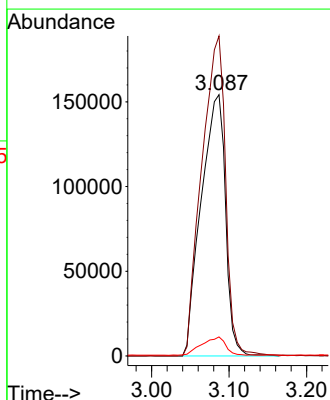
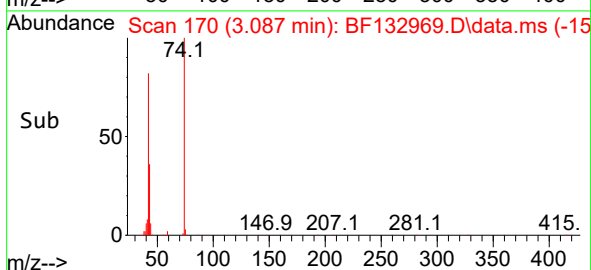
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

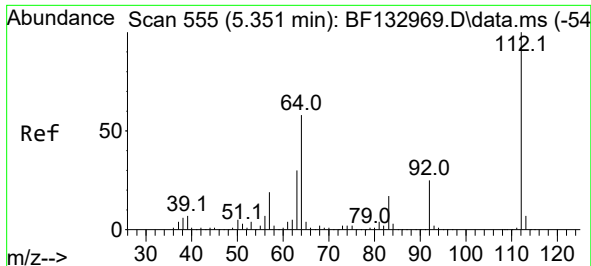


#4
n-Nitrosodimethylamine
Concen: 40.080 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



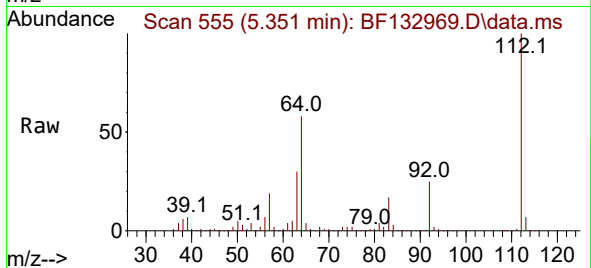
Tgt Ion: 42 Resp: 335810
Ion Ratio Lower Upper
42 100
74 122.5 98.0 147.0
44 7.3 5.8 8.8





#5
2-Fluorophenol
Concen: 79.889 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

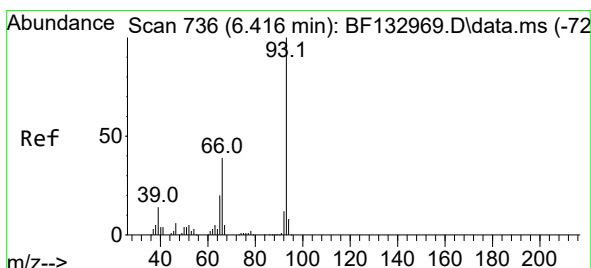
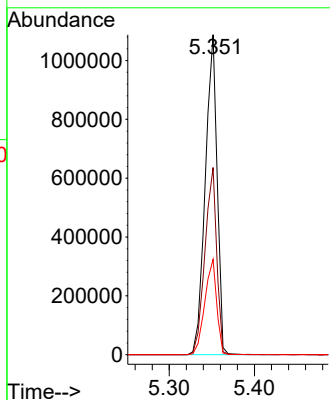
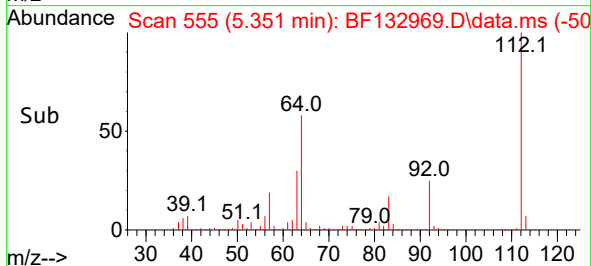
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1048959
Ion Ratio Lower Upper
112 100
64 58.5 46.8 70.2
63 29.8 23.8 35.8

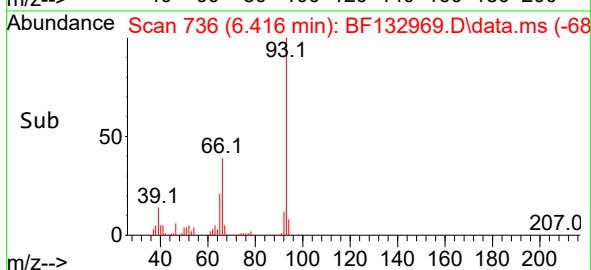
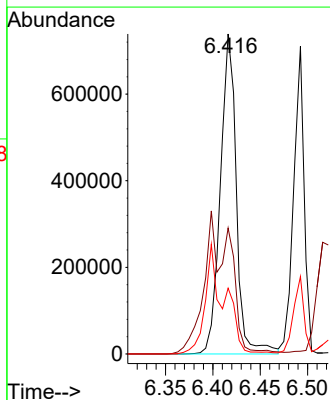
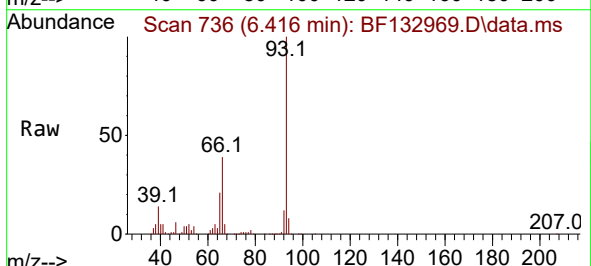
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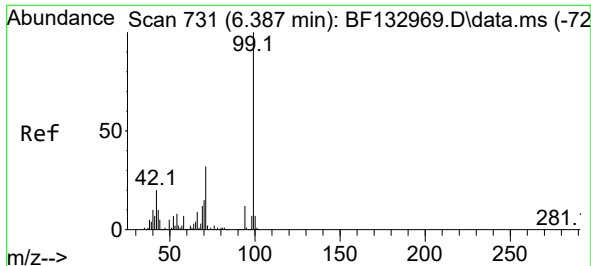
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#6
Aniline
Concen: 41.513 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

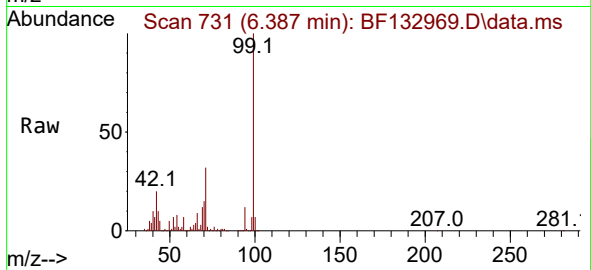
Tgt Ion: 93 Resp: 871374
Ion Ratio Lower Upper
93 100
66 39.4 31.5 47.3
65 20.5 16.4 24.6





#7
Phenol-d6
Concen: 79.285 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

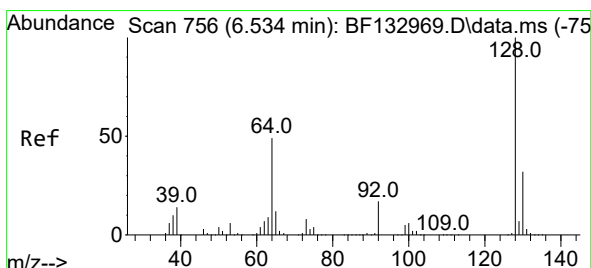
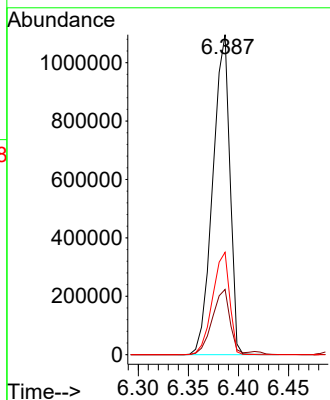
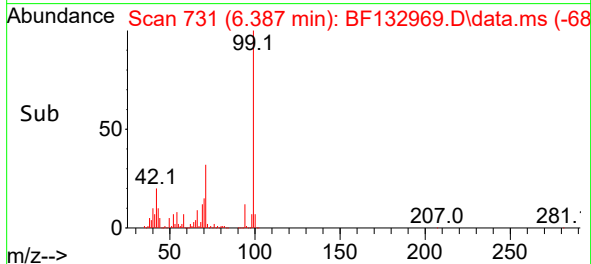
Instrument :
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Tgt Ion: 99 Resp: 1292128
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 32.0 25.6 38.4

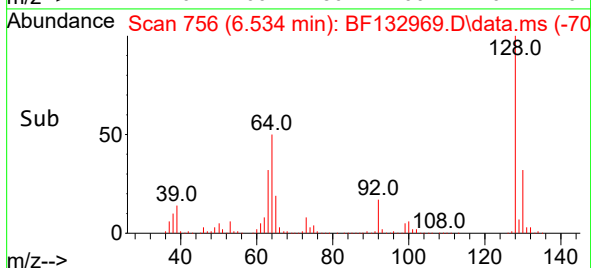
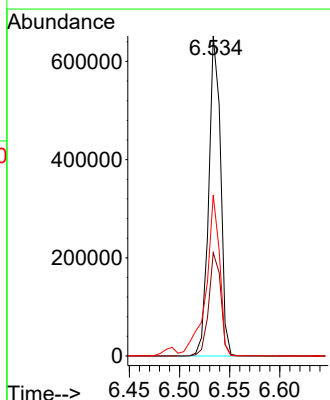
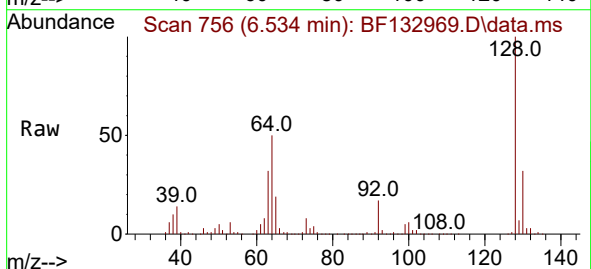
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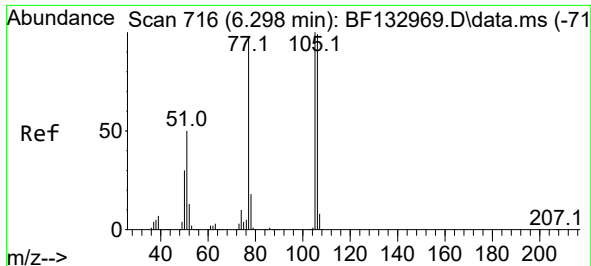
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#8
2-Chlorophenol
Concen: 40.299 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

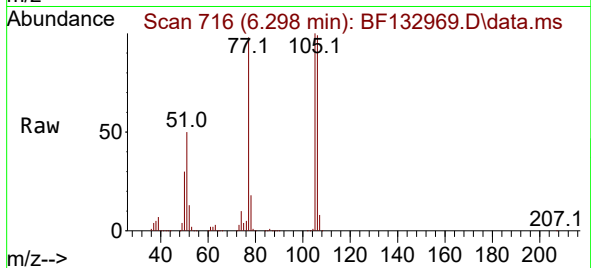
Tgt Ion:128 Resp: 537240
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 50.3 30.3 70.3





#9
Benzaldehyde
Concen: 40.352 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

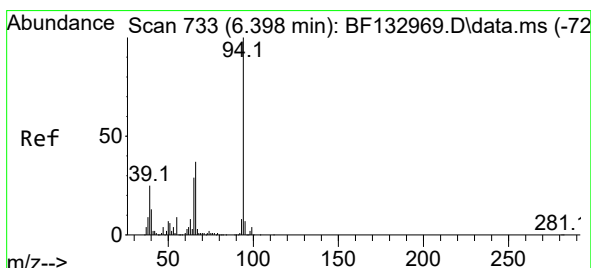
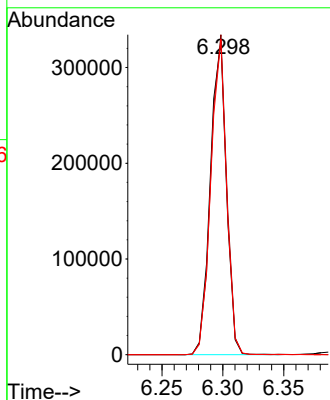
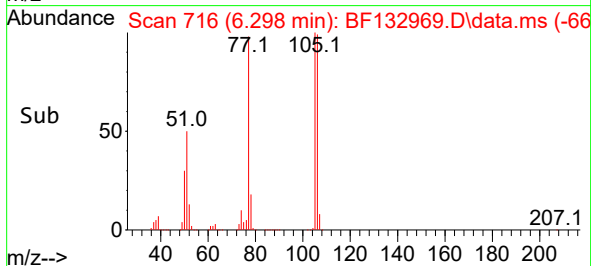
Instrument :
BNA_F
ClientSampleId :
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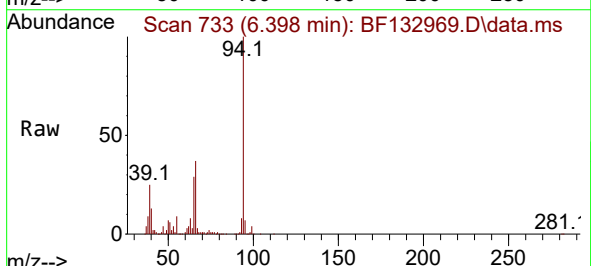
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Ion Ratio Lower Upper
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105 102.3 82.3 122.3
106 100.8 80.8 120.8

Manual Integrations
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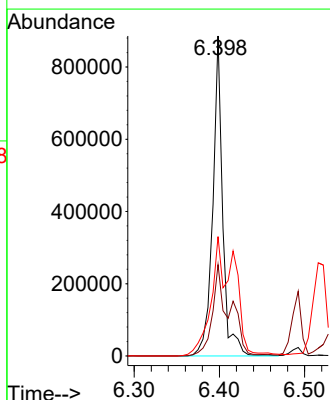
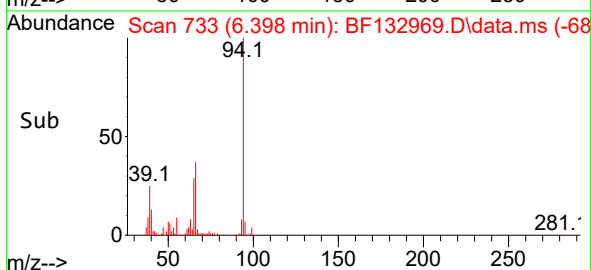
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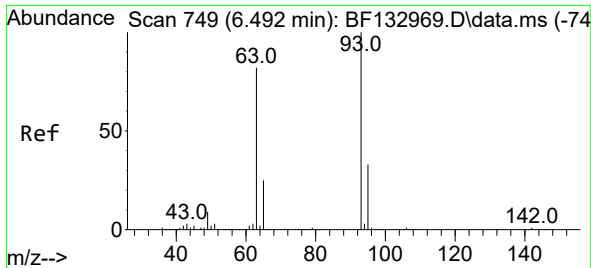


#10
Phenol
Concen: 40.193 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



Tgt Ion: 94 Resp: 722626
Ion Ratio Lower Upper
94 100
65 28.6 8.6 48.6
66 37.3 17.3 57.3





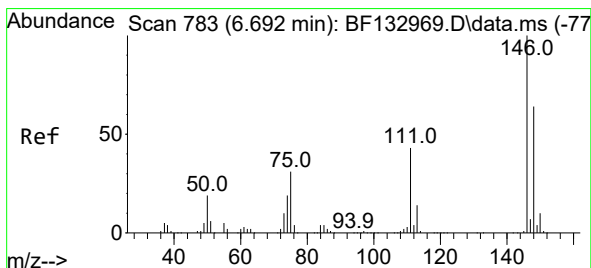
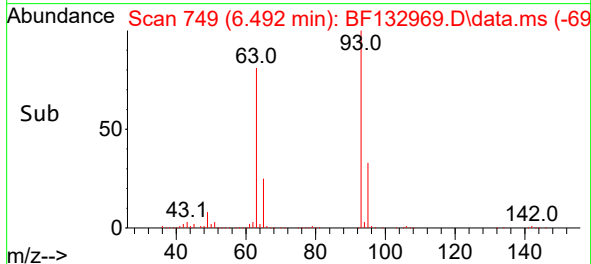
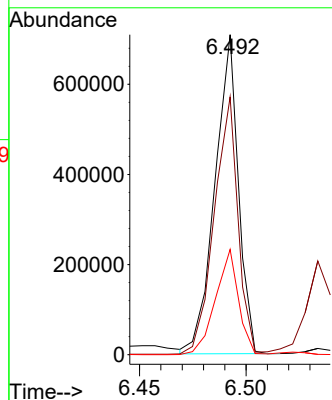
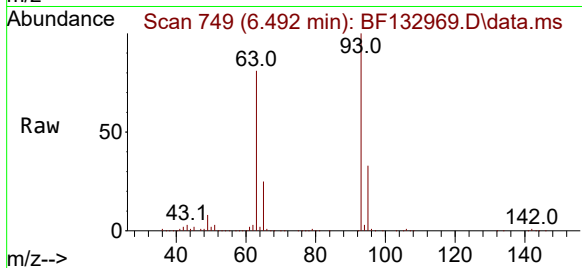
#11
bis(2-Chloroethyl)ether
Concen: 40.163 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 541854
Ion Ratio Lower Upper
93 100
63 80.6 60.6 100.6
95 32.9 12.9 52.9

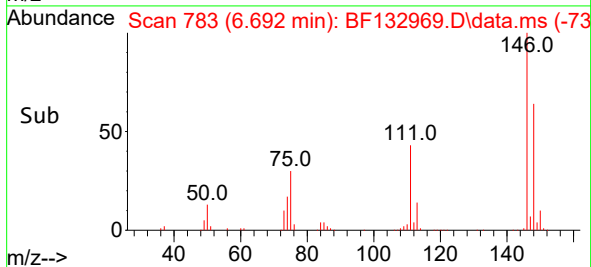
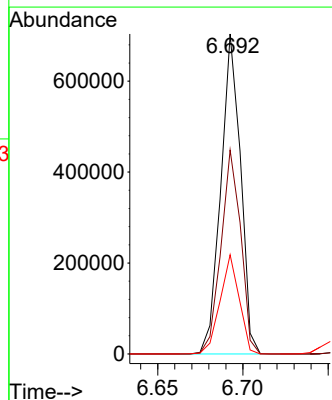
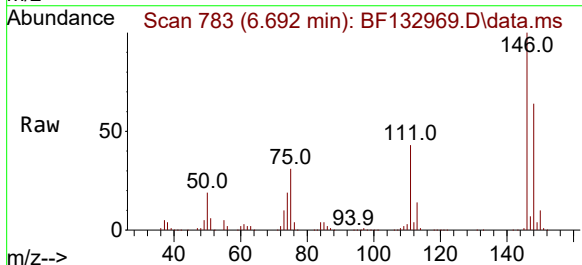
Manual Integrations
APPROVED

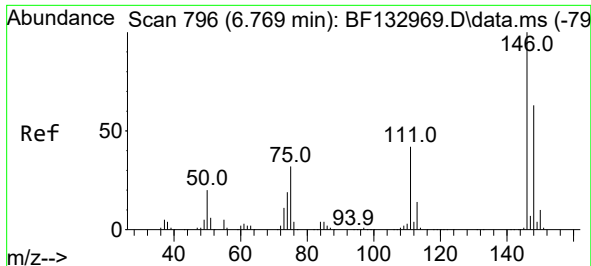
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#12
1,3-Dichlorobenzene
Concen: 39.924 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:146 Resp: 565867
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 40.573 ng

RT: 6.769 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 57633

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

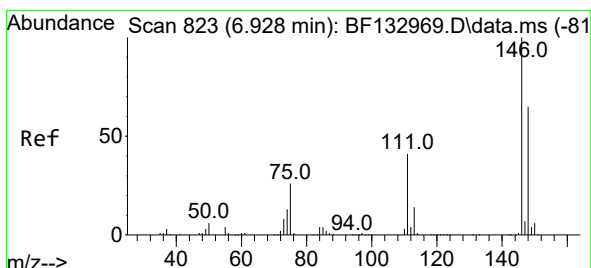
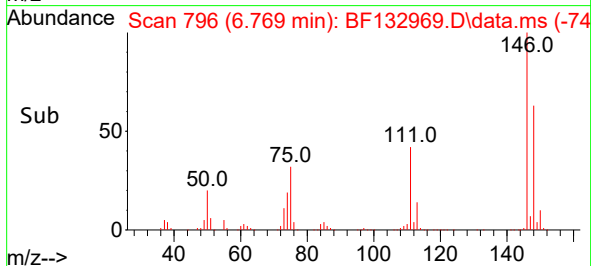
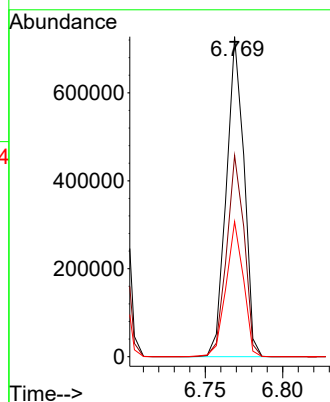
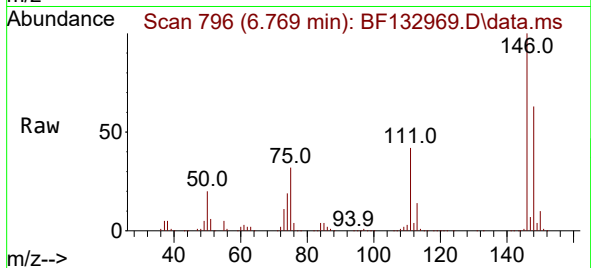
111 42.2 33.8 50.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#14

1,2-Dichlorobenzene

Concen: 40.103 ng

RT: 6.928 min Scan# 823

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

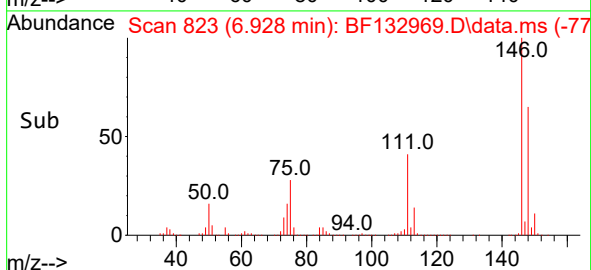
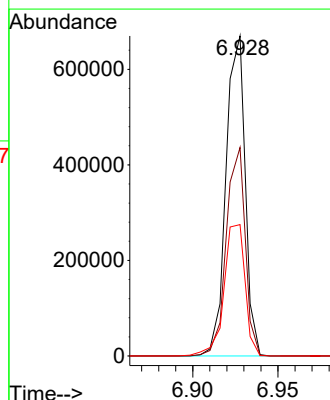
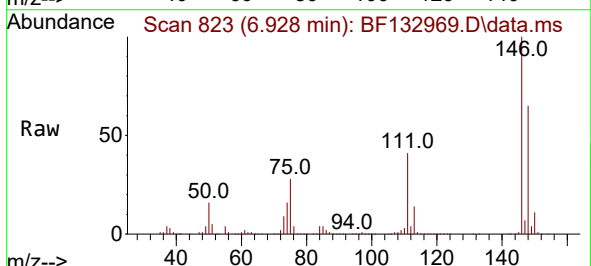
Tgt Ion:146 Resp: 525196

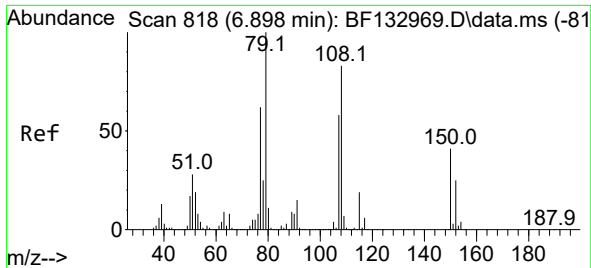
Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

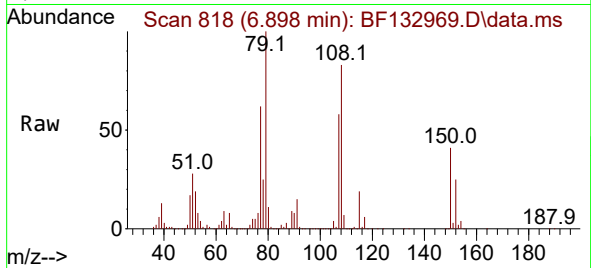
111 41.0 32.8 49.2





#15
Benzyl Alcohol
Concen: 41.589 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

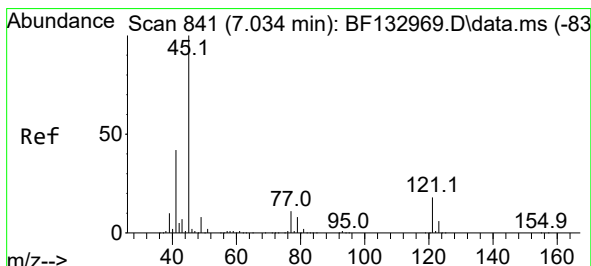
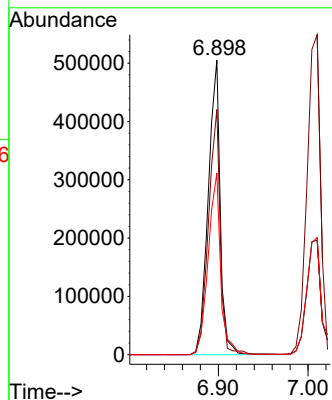
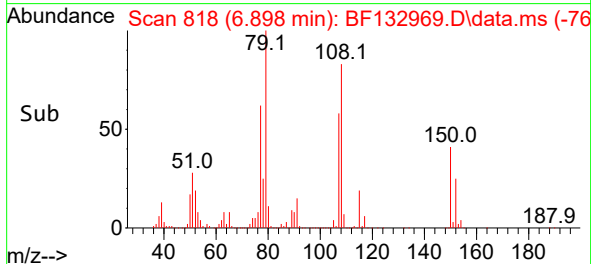
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 468194
Ion Ratio Lower Upper
79 100
108 83.2 66.6 99.8
77 61.5 49.2 73.8

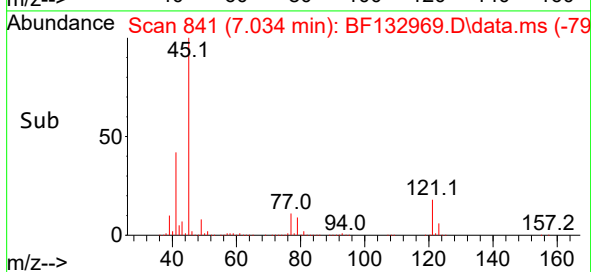
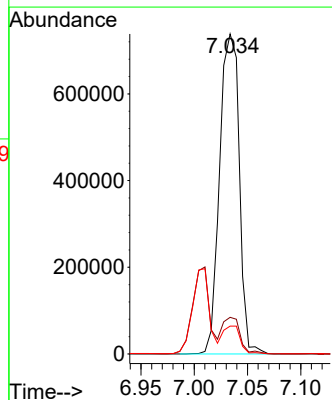
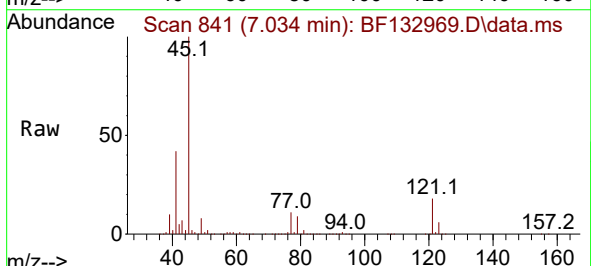
Manual Integrations
APPROVED

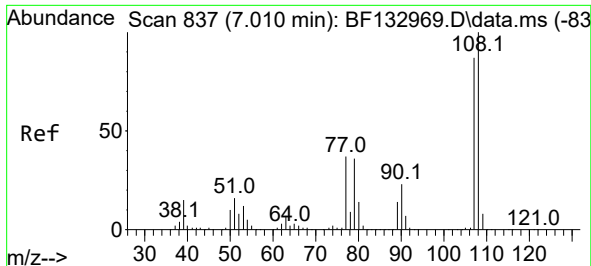
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.273 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

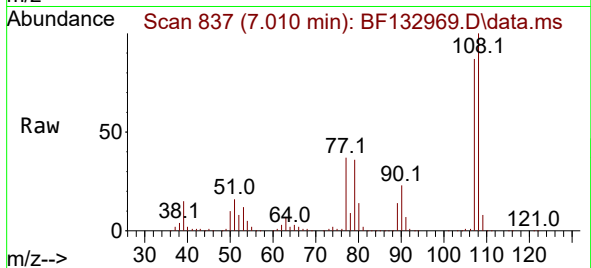
Tgt Ion: 45 Resp: 943718
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.5
79 8.7 0.0 28.7





#17
2-Methylphenol
Concen: 40.225 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

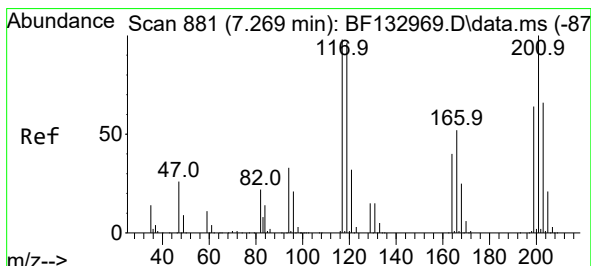
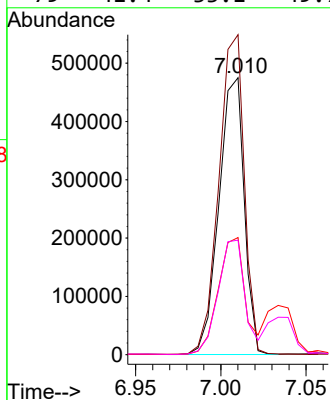
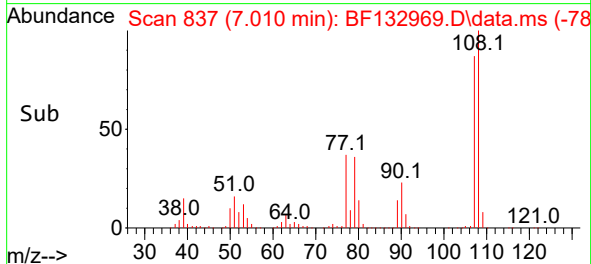
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



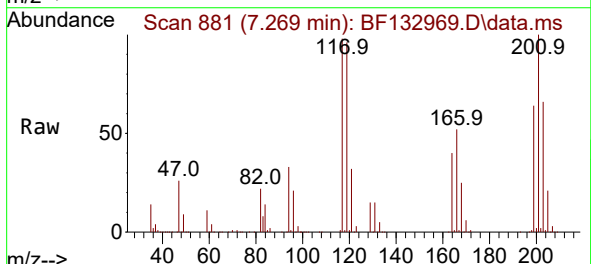
Tgt Ion:107 Resp: 49103
Ion Ratio Lower Upper
107 100
108 115.5 92.4 138.6
77 42.3 33.8 50.8
79 41.4 33.1 49.7

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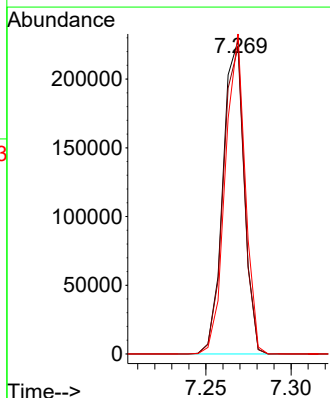
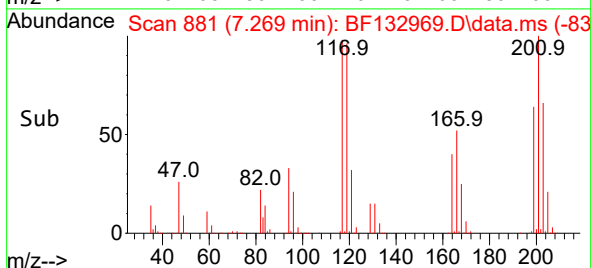
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

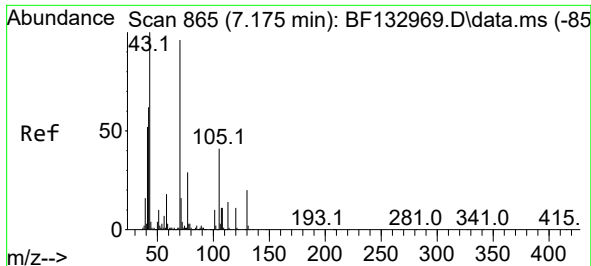


#18
Hexachloroethane
Concen: 40.181 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



Tgt Ion:117 Resp: 198442
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
201 102.1 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.125 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 396950

Ion Ratio Lower Upper

70 100

42 64.7 51.8 77.6

101 10.0 8.0 12.0

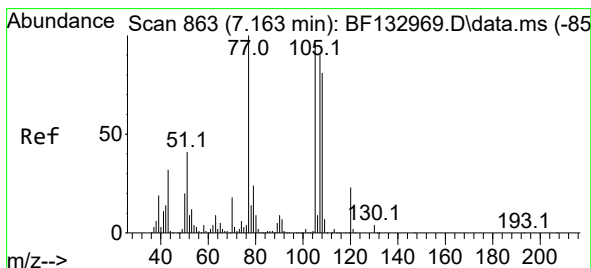
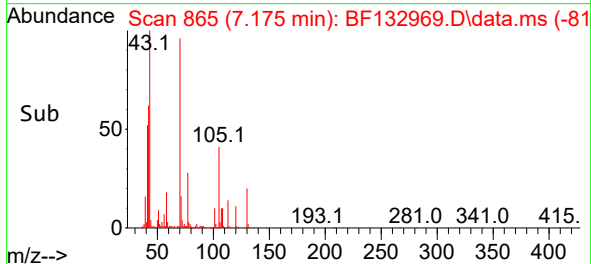
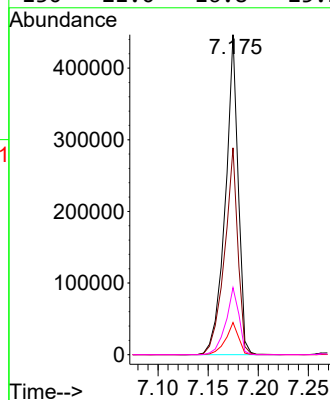
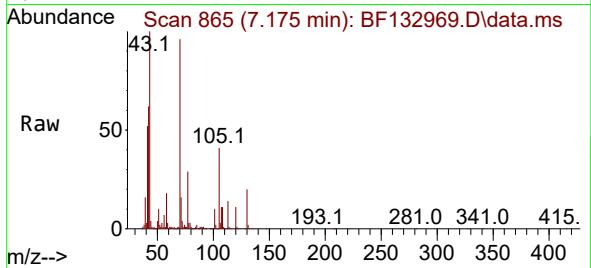
130 21.0 16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#20

3+4-Methylphenols

Concen: 39.675 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Tgt Ion:107 Resp: 570365

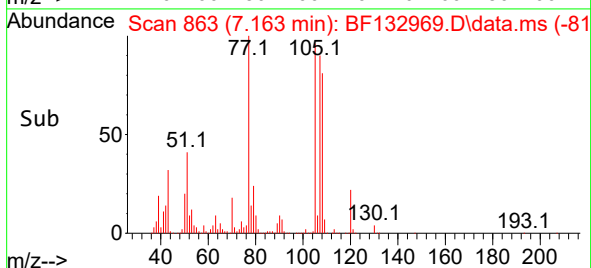
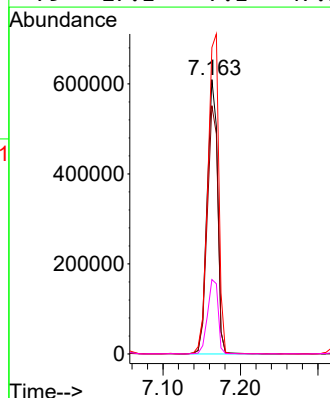
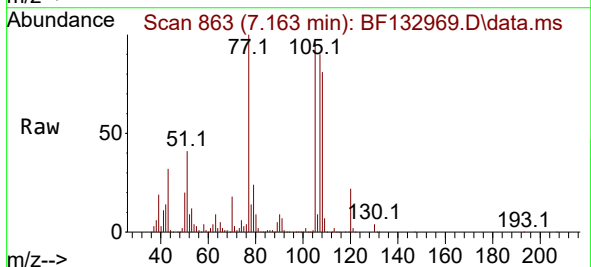
Ion Ratio Lower Upper

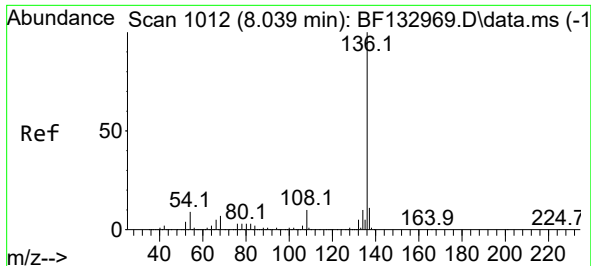
107 100

108 90.5 70.5 110.5

77 111.7 91.7 131.7

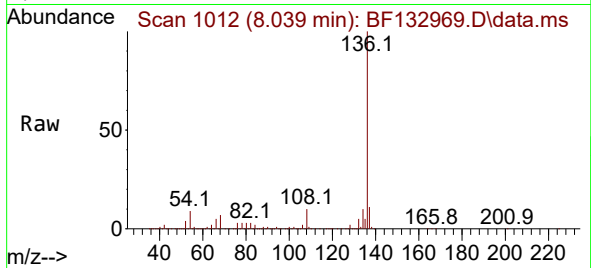
79 27.1 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

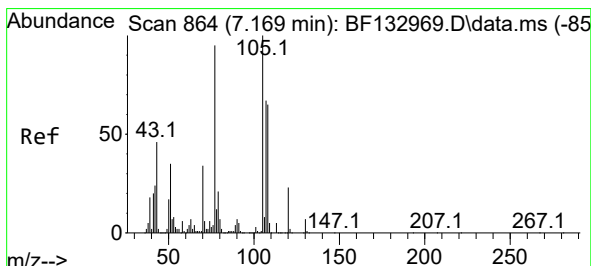
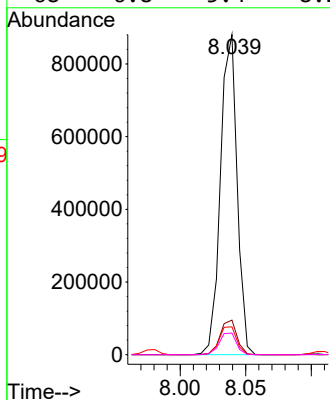
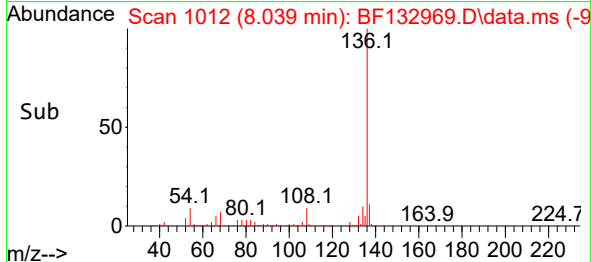
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 775044
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.0 10.4
68 6.8 5.4 8.2

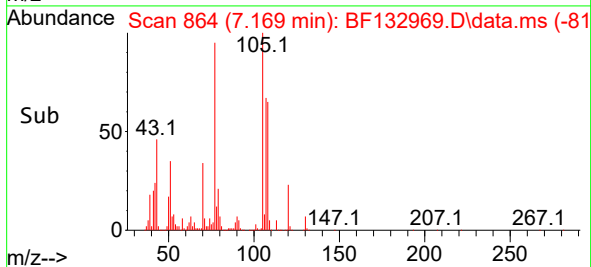
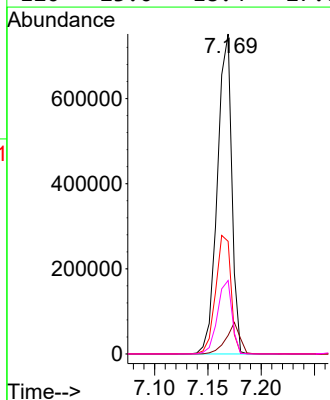
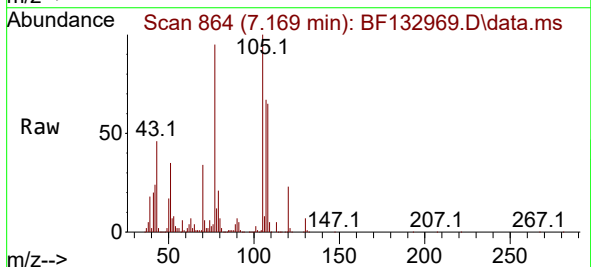
Manual Integrations
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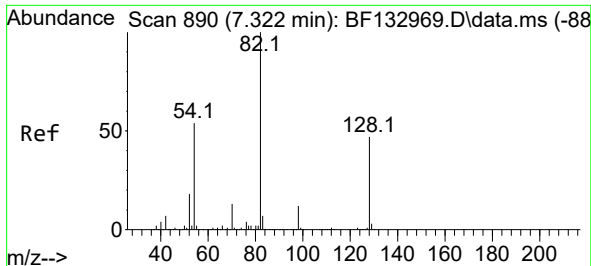
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#22
Acetophenone
Concen: 39.184 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:105 Resp: 703491
Ion Ratio Lower Upper
105 100
71 5.8 4.6 7.0
51 35.2 28.2 42.2
120 23.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 81.753 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1173880

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

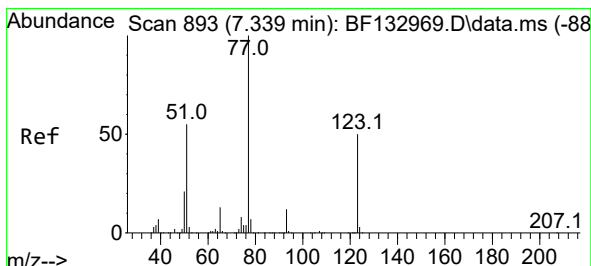
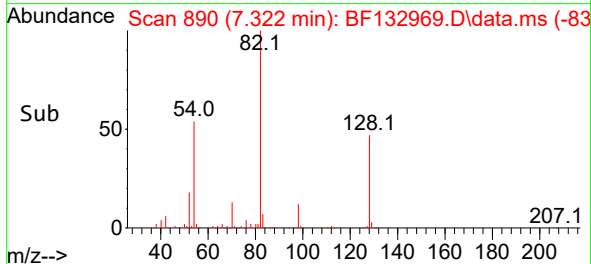
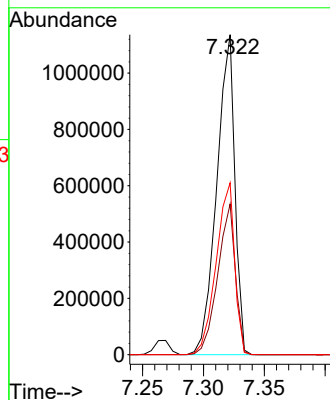
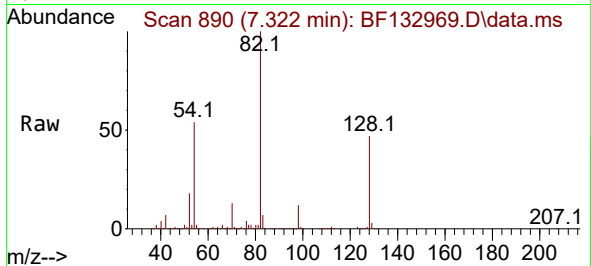
54 53.7 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#24

Nitrobenzene

Concen: 40.735 ng

RT: 7.339 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

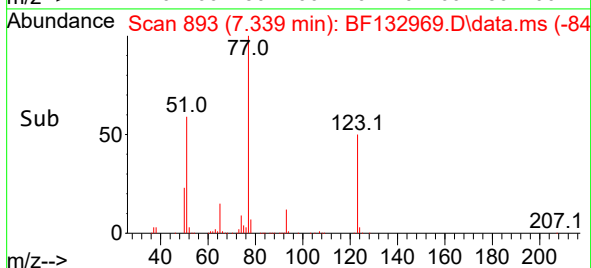
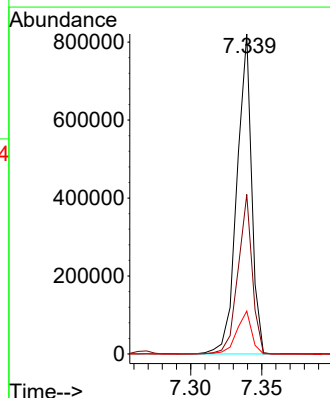
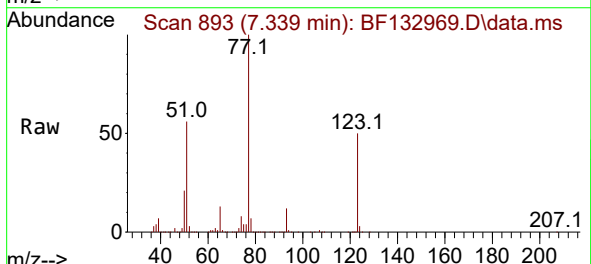
Tgt Ion: 77 Resp: 592708

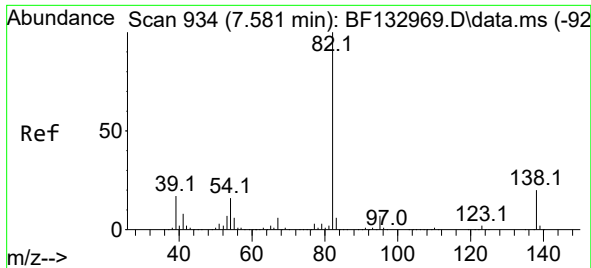
Ion Ratio Lower Upper

77 100

123 49.9 39.9 59.9

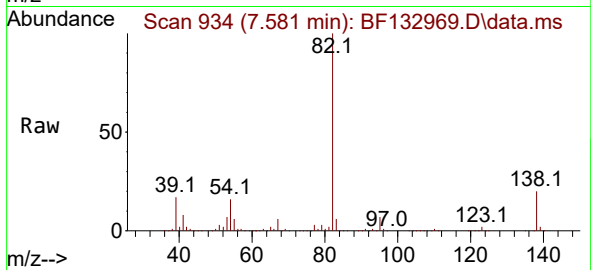
65 13.4 10.7 16.1





#25
Isophorone
Concen: 40.355 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

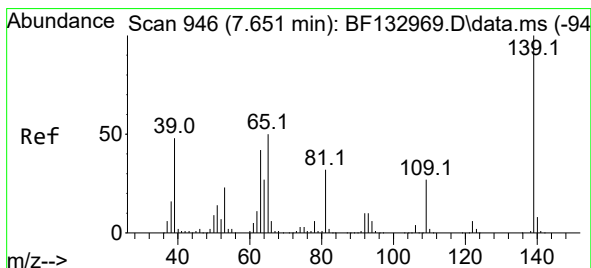
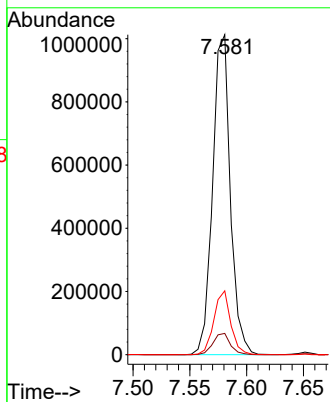
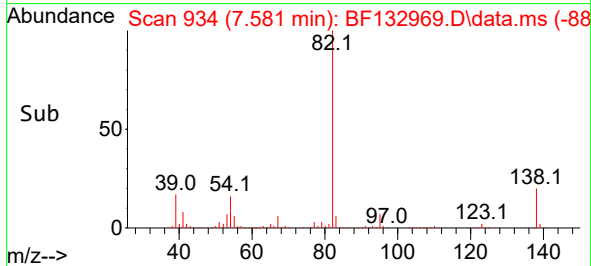
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



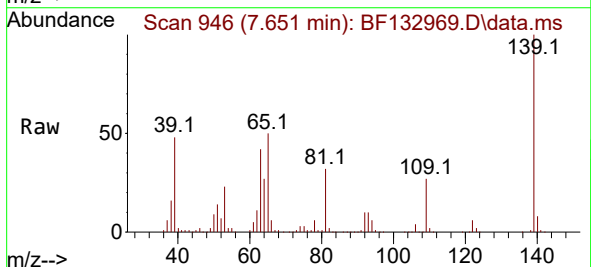
Tgt Ion: 82 Resp: 110016
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 20.0 16.0 24.0

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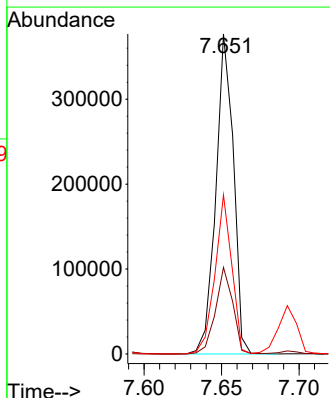
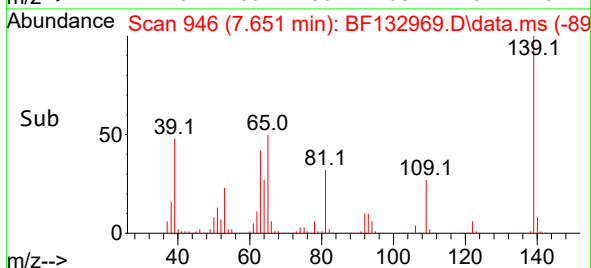
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

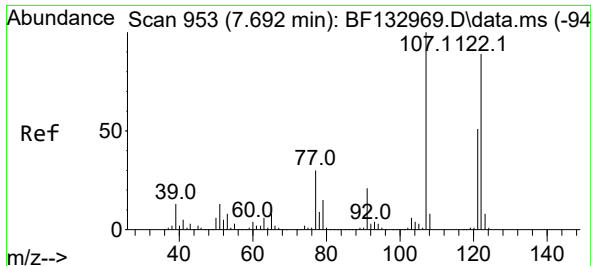


#26
2-Nitrophenol
Concen: 42.315 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



Tgt Ion:139 Resp: 296968
Ion Ratio Lower Upper
139 100
109 27.0 21.6 32.4
65 49.7 39.8 59.6





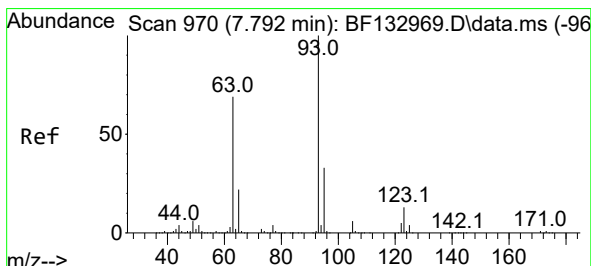
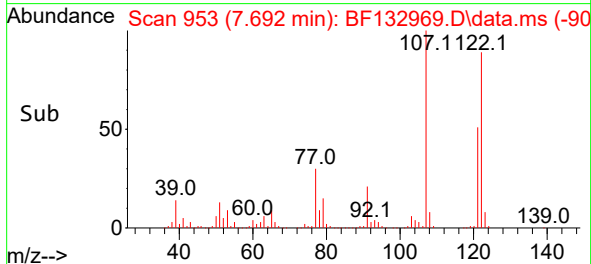
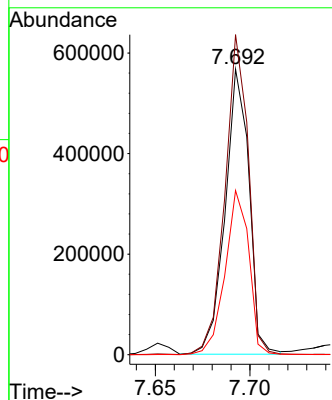
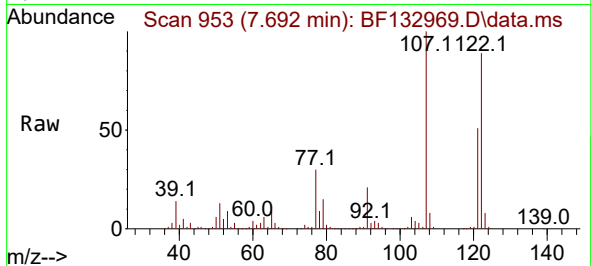
#27
2,4-Dimethylphenol
Concen: 41.120 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 494835
Ion Ratio Lower Upper
122 100
107 112.1 89.7 134.5
121 57.5 46.0 69.0

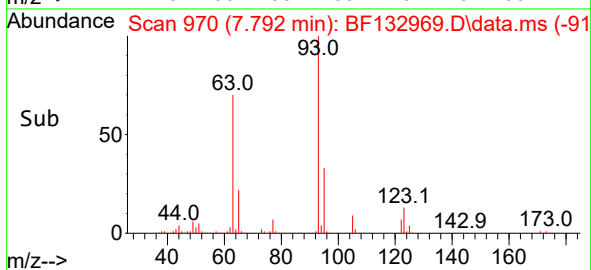
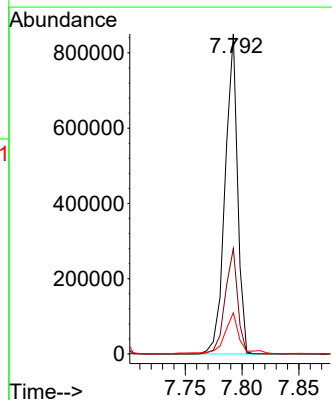
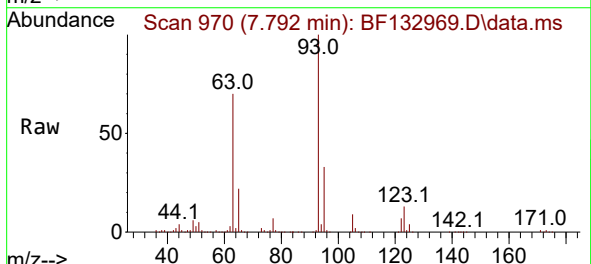
Manual Integrations
APPROVED

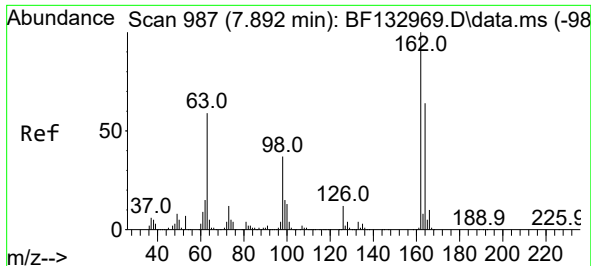
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.412 ng
RT: 7.792 min Scan# 970
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion: 93 Resp: 651765
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 12.9 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 41.265 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

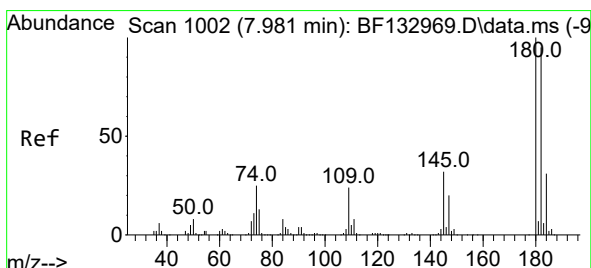
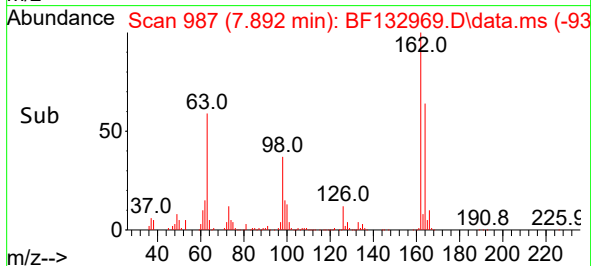
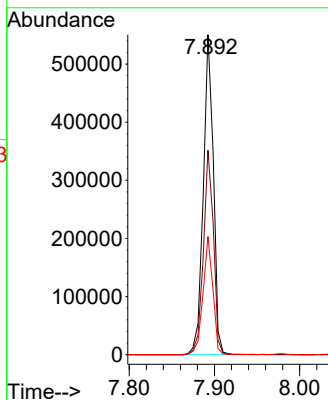
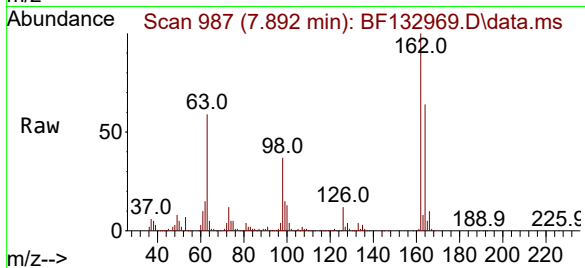
SSTDICCC040

Tgt Ion:	162	Resp:	452062
Ion Ratio	Lower	Upper	
162	100		
164	63.9	43.9	83.9
98	37.0	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: 40.300 ng

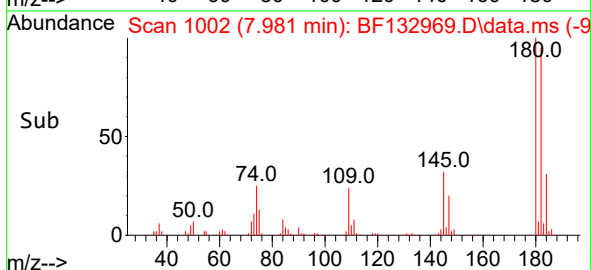
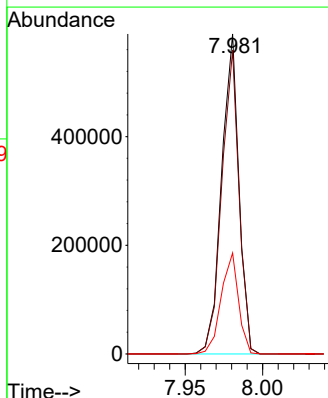
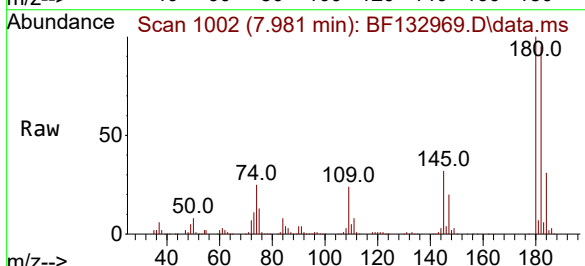
RT: 7.981 min Scan# 1002

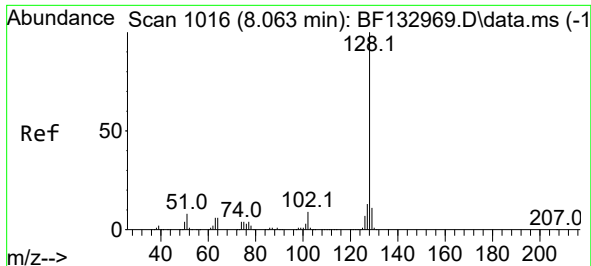
Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

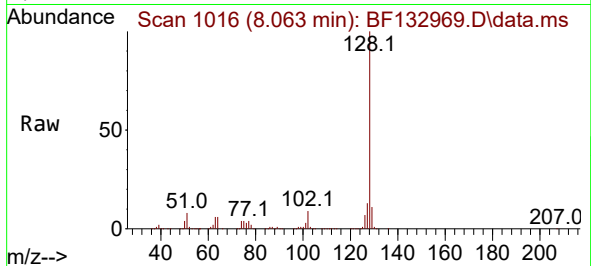
Tgt Ion:	180	Resp:	457371
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.9	113.9
145	31.6	25.3	37.9





#31
Naphthalene
Concen: 40.453 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

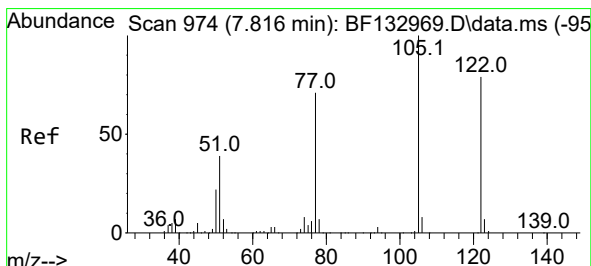
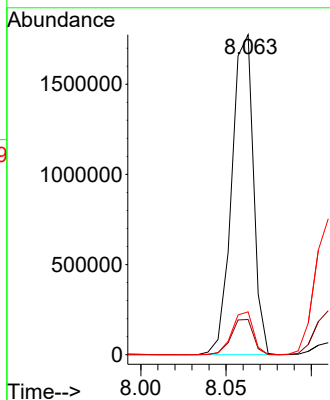
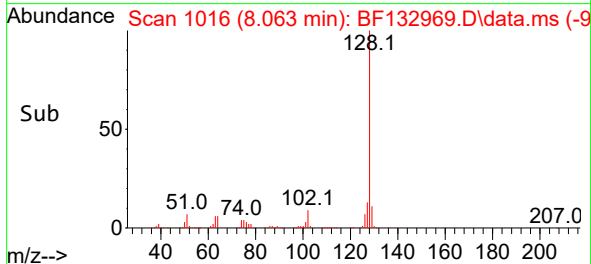
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 156754
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.7 16.1

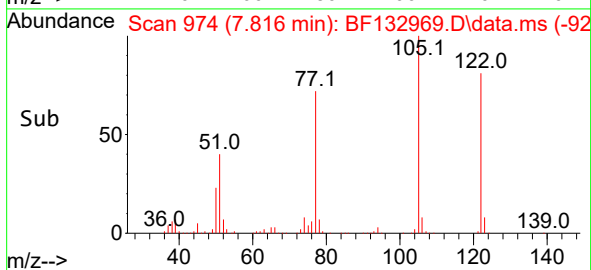
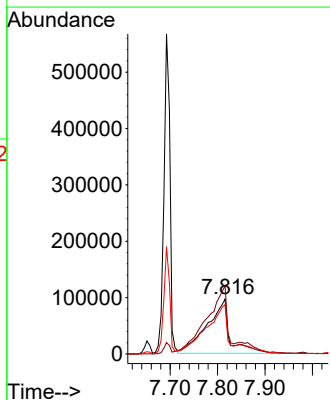
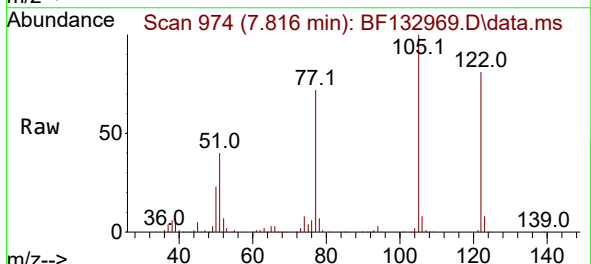
Manual Integrations
APPROVED

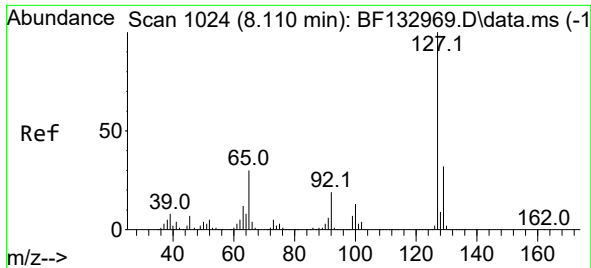
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#32
Benzoic acid
Concen: 43.795 ng m
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:122 Resp: 326619
Ion Ratio Lower Upper
122 100
105 124.2 104.2 144.2
77 89.7 69.7 109.7





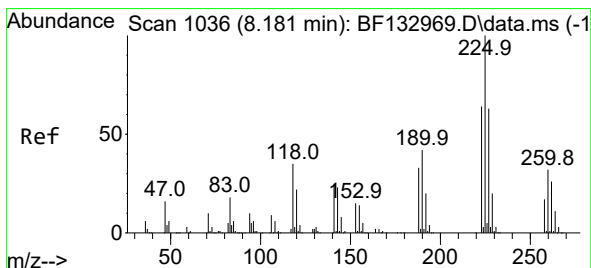
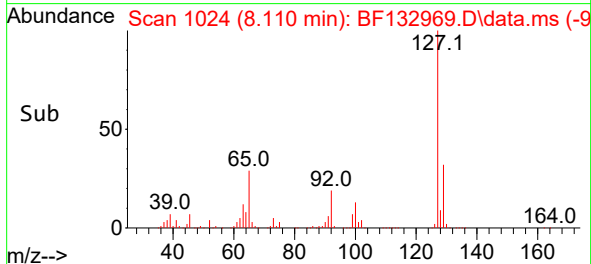
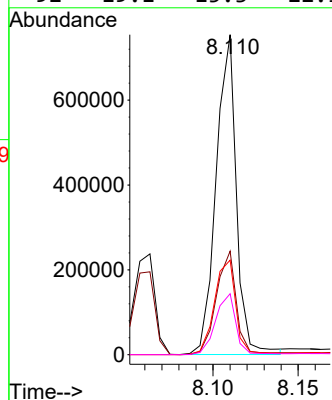
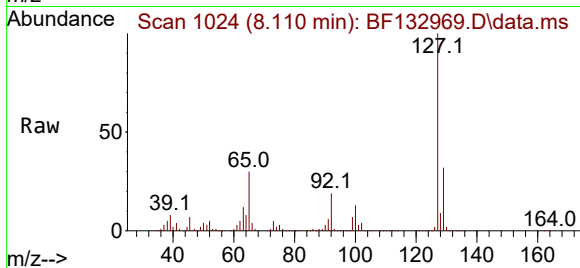
#33
4-Chloroaniline
Concen: 39.847 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	127	Resp:	62386
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.8	38.8
65	29.5	23.6	35.4
92	19.1	15.3	22.9

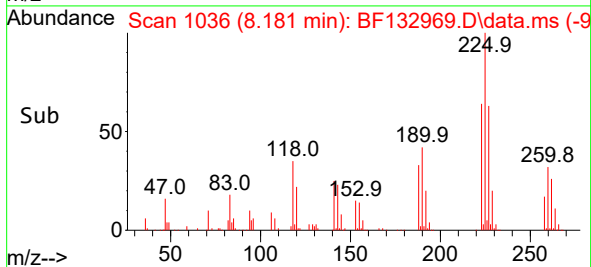
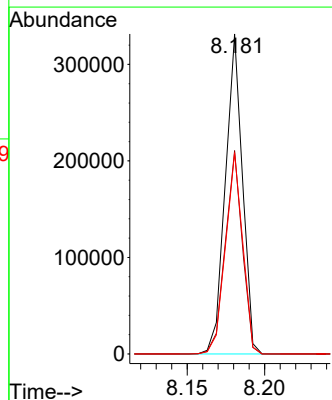
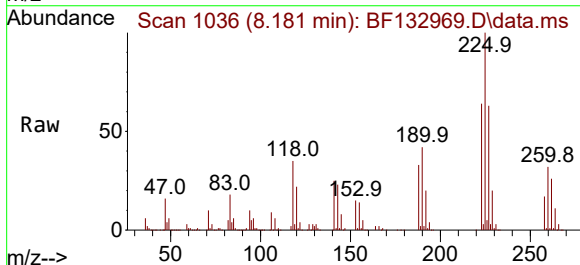
Manual Integrations
APPROVED

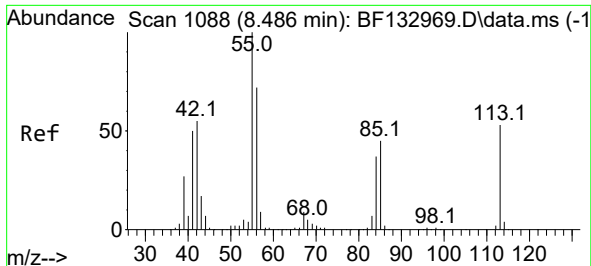
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#34
Hexachlorobutadiene
Concen: 40.424 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

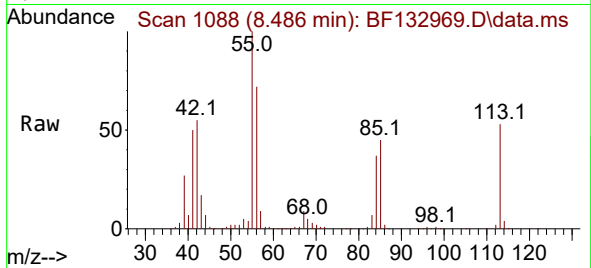
Tgt Ion:	225	Resp:	254278
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.9	76.3
227	62.9	50.3	75.5





#35
Caprolactam
Concen: 42.072 ng
RT: 8.486 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

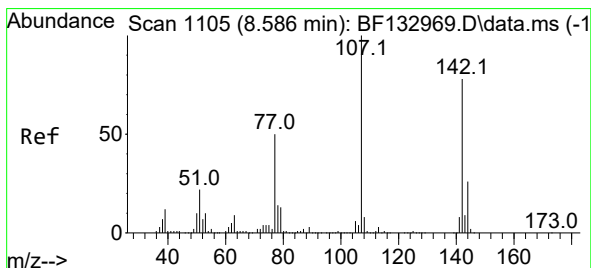
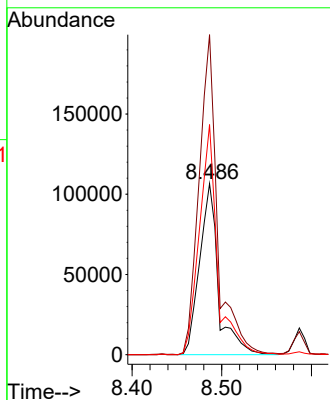
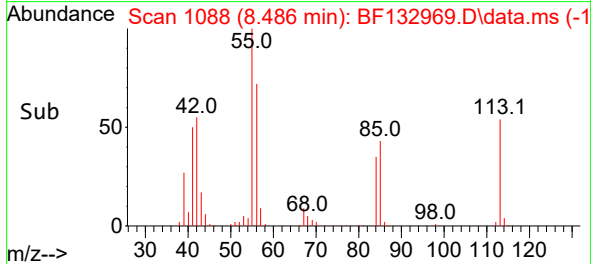
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 15483
Ion Ratio Lower Upper
113 100
55 187.1 167.1 207.1
56 134.5 114.5 154.5

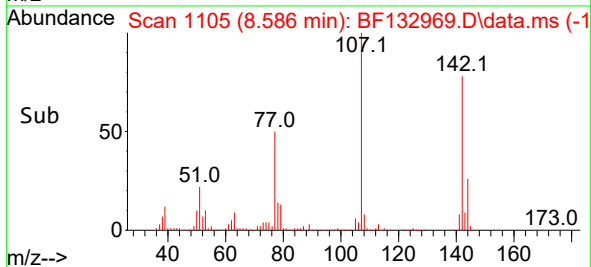
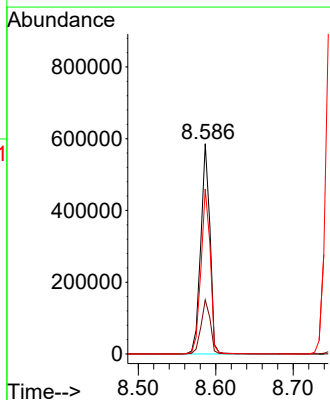
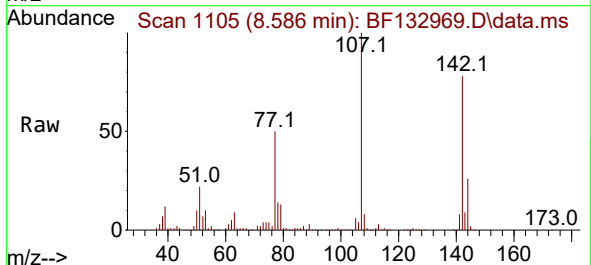
Manual Integrations
APPROVED

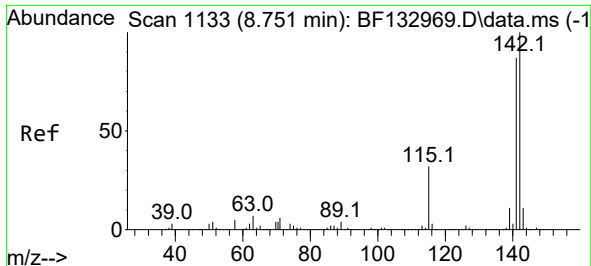
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#36
4-Chloro-3-methylphenol
Concen: 40.880 ng
RT: 8.586 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:107 Resp: 482937
Ion Ratio Lower Upper
107 100
144 25.7 20.6 30.8
142 78.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.298 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 1067570

Ion Ratio Lower Upper

142 100

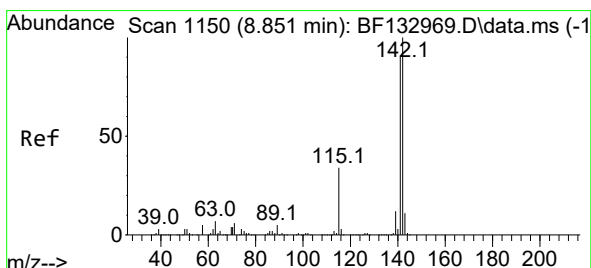
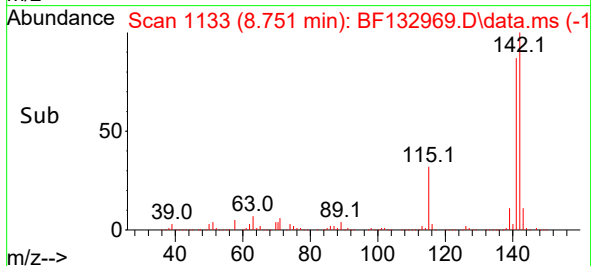
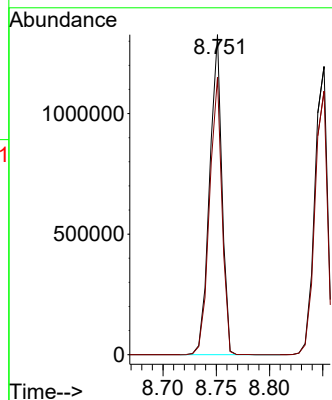
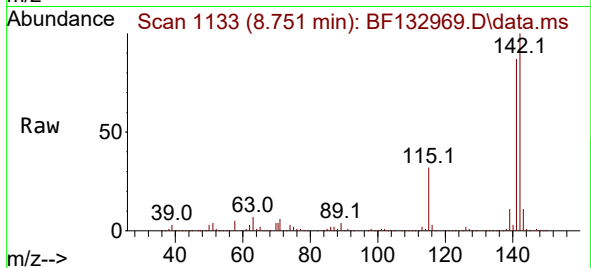
141 86.7 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#38

1-Methylnaphthalene

Concen: 40.120 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF132969.D

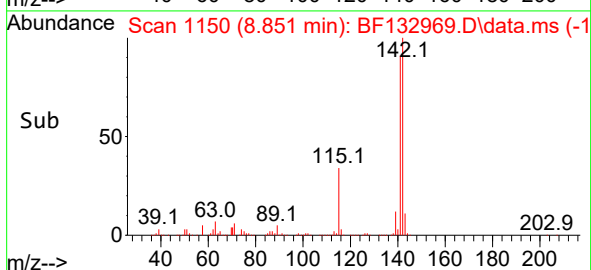
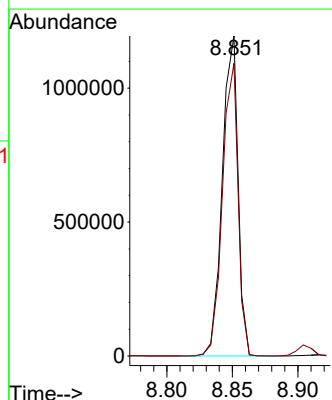
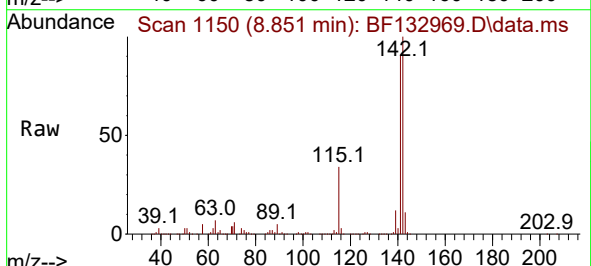
Acq: 21 Apr 2023 15:15

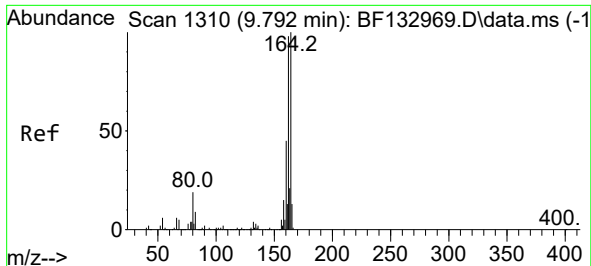
Tgt Ion:142 Resp: 994284

Ion Ratio Lower Upper

142 100

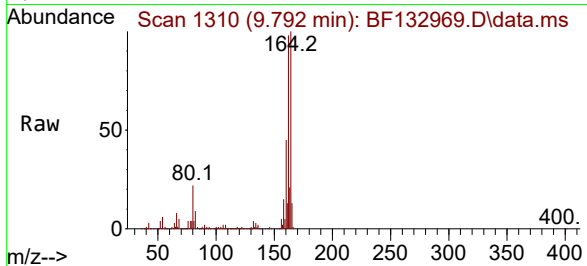
141 91.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

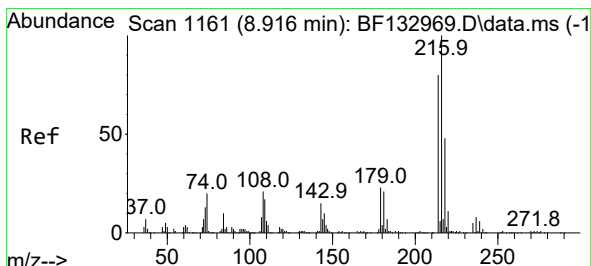
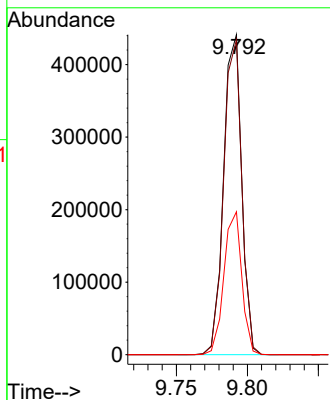
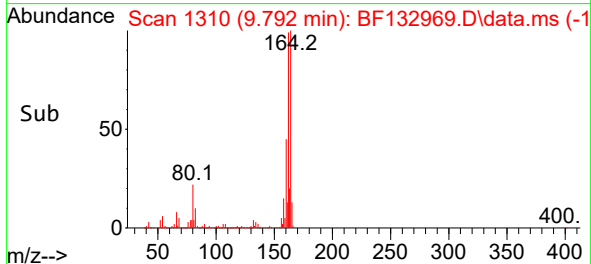
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 391672
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 44.7 35.8 53.6

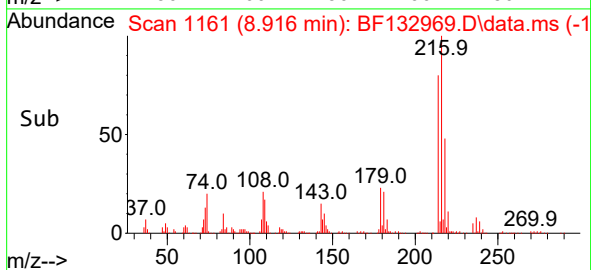
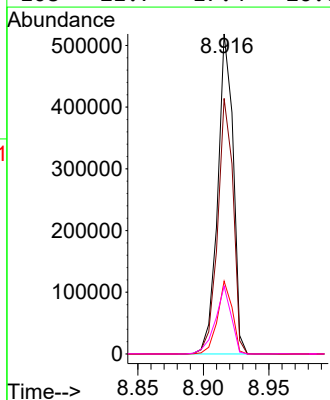
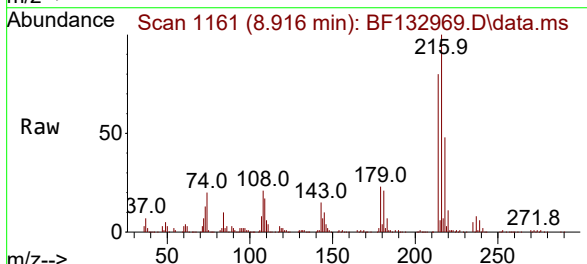
Manual Integrations
APPROVED

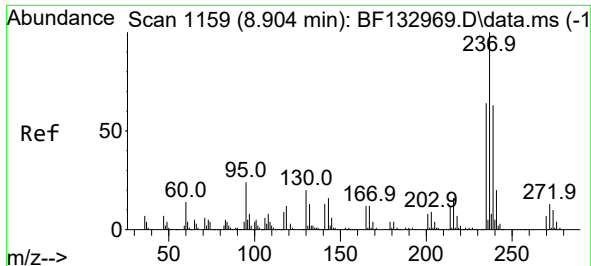
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.275 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

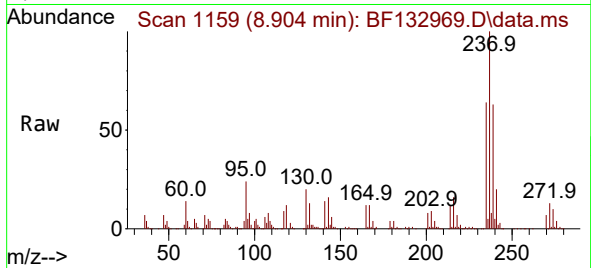
Tgt Ion:216 Resp: 424136
Ion Ratio Lower Upper
216 100
214 79.4 63.5 95.3
179 21.8 17.4 26.2
108 21.7 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 42.634 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

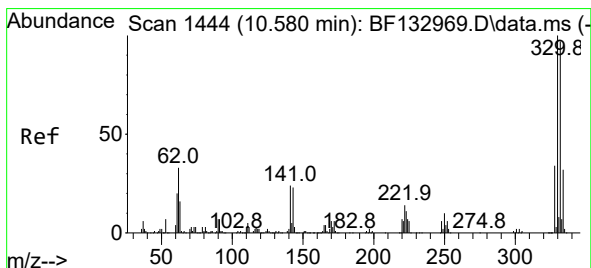
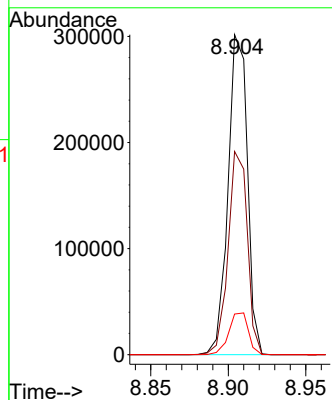
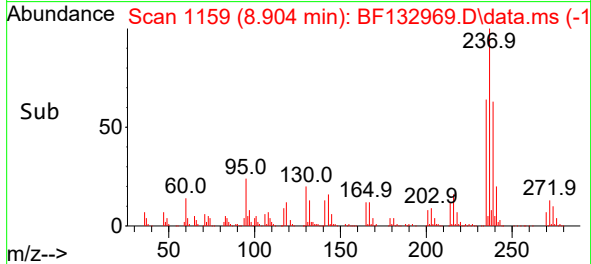
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



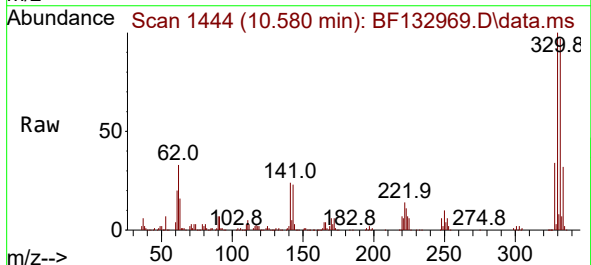
Tgt Ion: 237 Resp: 261842
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 12.7 0.0 32.7

Manual Integrations
APPROVED

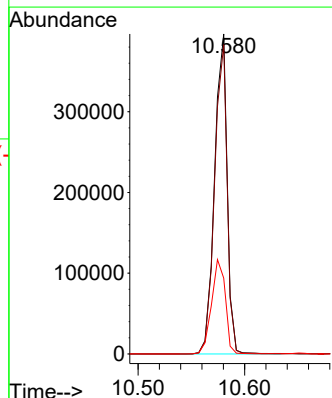
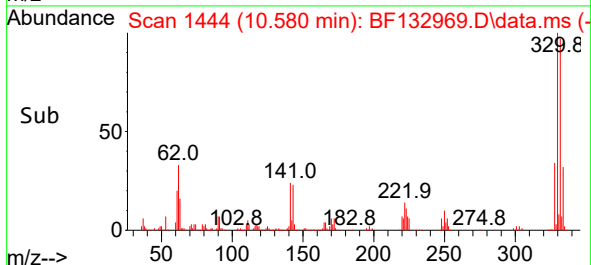
Reviewed By : Christian Giraldo 04/24/2023
Supervised By : Jagrut Upadhyay 04/24/2023

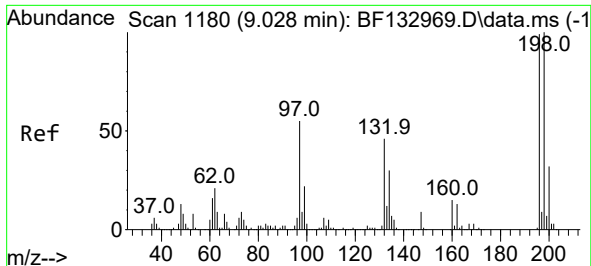


#42
2,4,6-Tribromophenol
Concen: 82.671 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



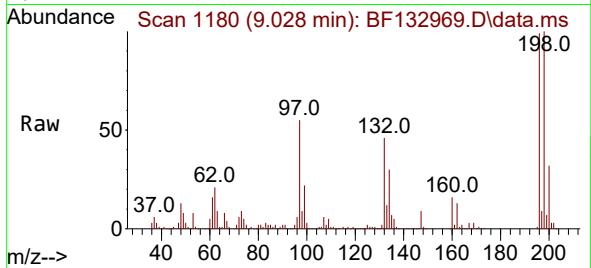
Tgt Ion: 330 Resp: 325641
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 32.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 40.981 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

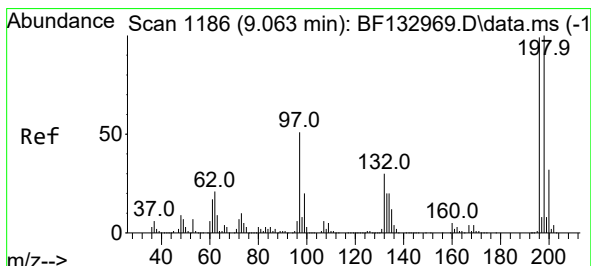
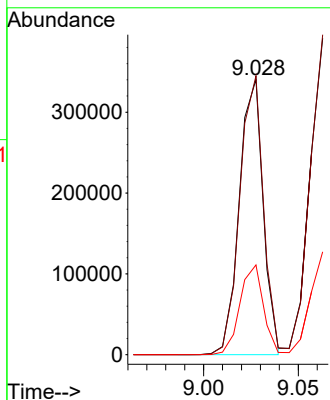
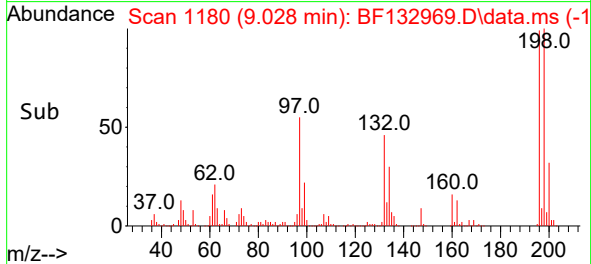
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:196 Resp: 298459
Ion Ratio Lower Upper
196 100
198 101.3 81.0 121.6
200 32.6 26.1 39.1

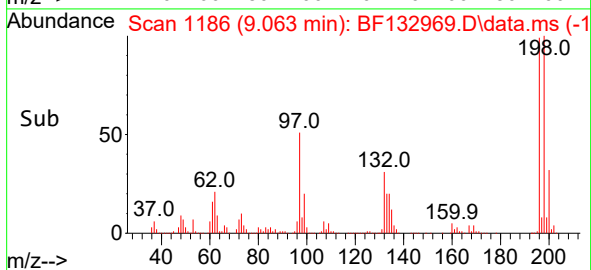
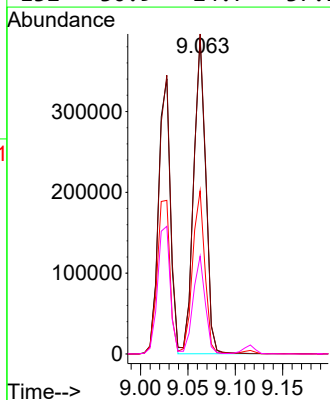
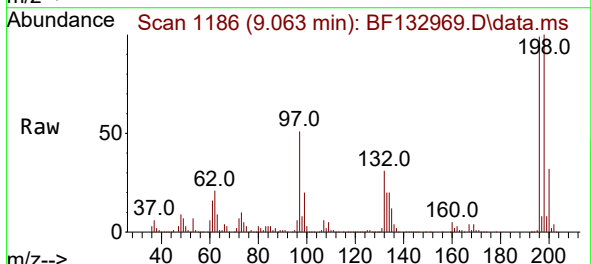
Manual Integrations
APPROVED

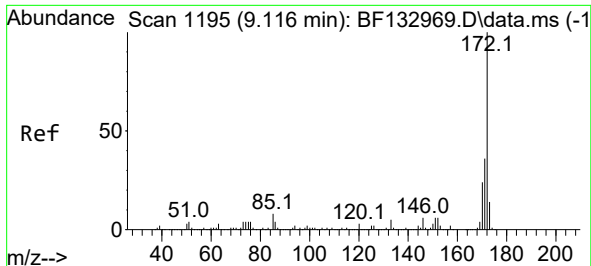
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#44
2,4,5-Trichlorophenol
Concen: 41.272 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

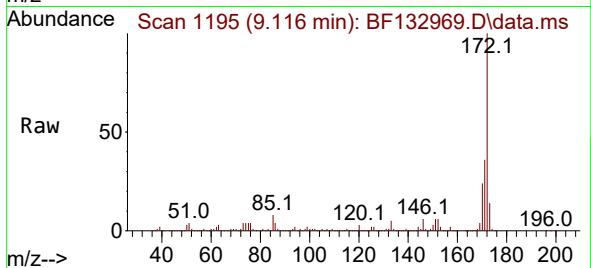
Tgt Ion:196 Resp: 347628
Ion Ratio Lower Upper
196 100
198 101.1 80.9 121.3
97 51.6 41.3 61.9
132 30.9 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 80.995 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

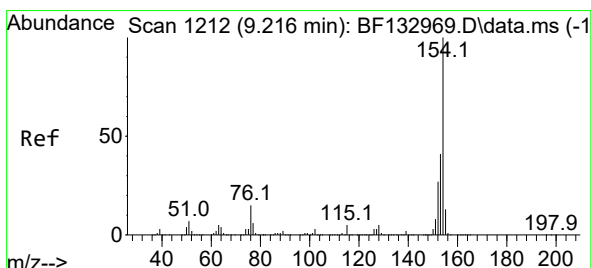
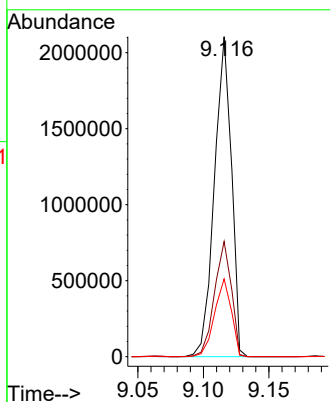
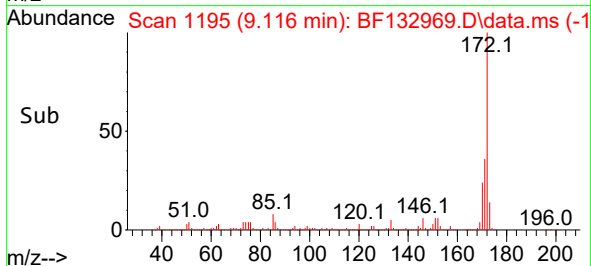
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



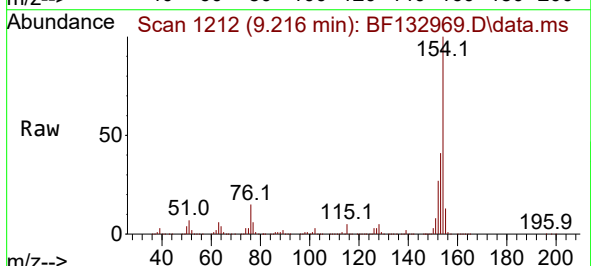
Tgt Ion:172 Resp: 1896204
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.3 19.4 29.2

Manual Integrations
APPROVED

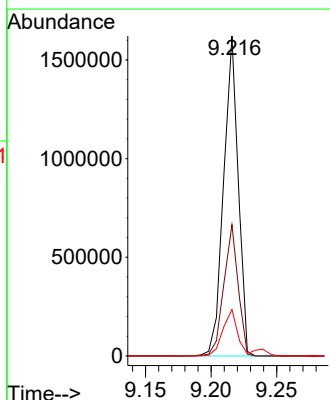
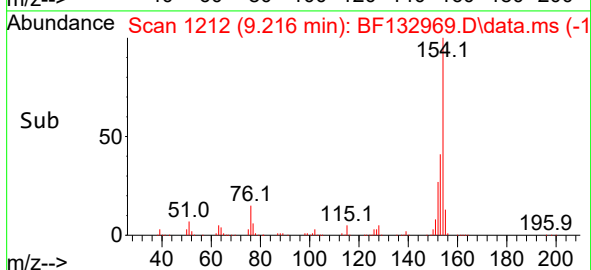
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

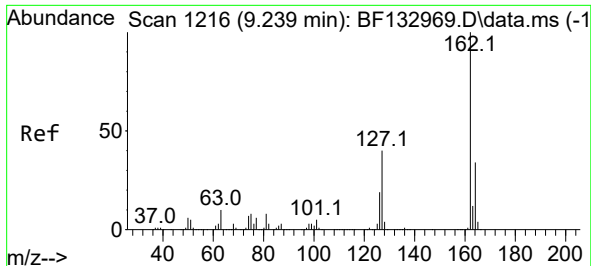


#46
1,1'-Biphenyl
Concen: 40.309 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



Tgt Ion:154 Resp: 1251907
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 14.5 0.0 34.5





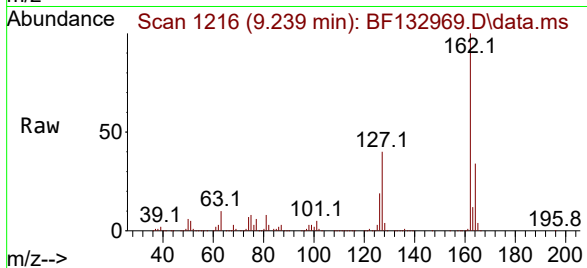
#47
2-Chloronaphthalene
Concen: 40.232 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

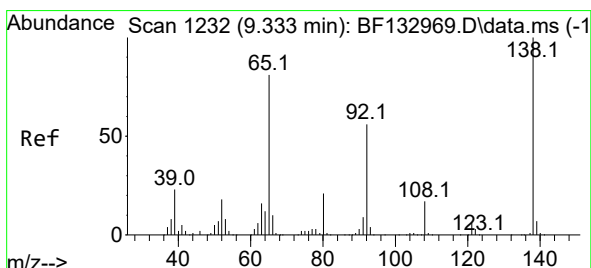
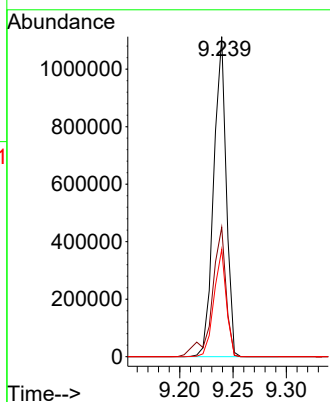
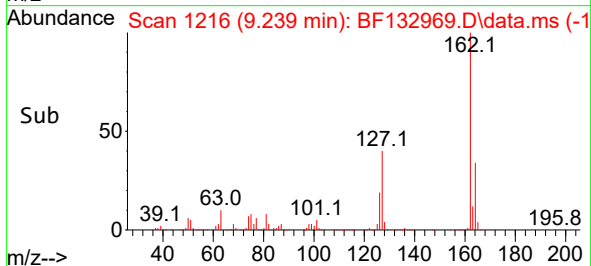


Tgt Ion:162 Resp: 914559
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 33.5 26.8 40.2

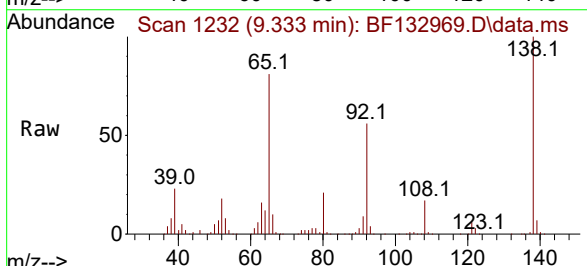
Manual Integrations

APPROVED

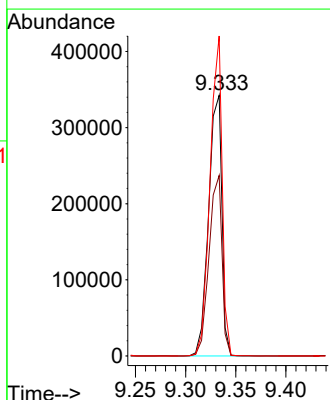
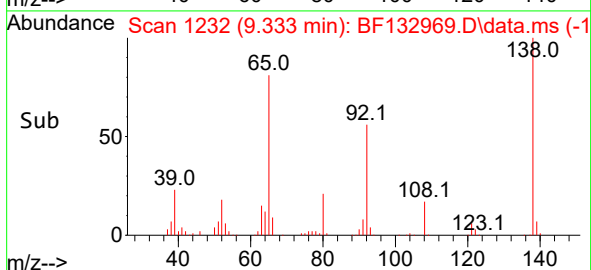
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

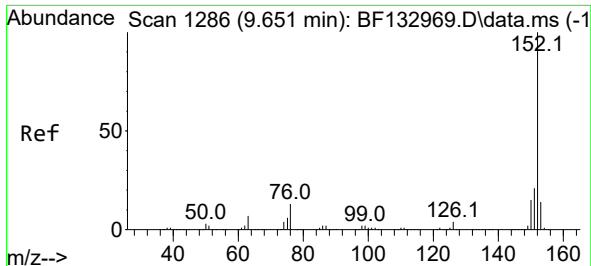


#48
2-Nitroaniline
Concen: 41.879 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



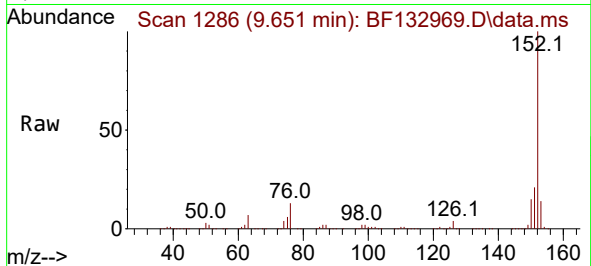
Tgt Ion: 65 Resp: 314632
Ion Ratio Lower Upper
65 100
92 69.2 55.4 83.0
138 122.7 98.2 147.2





#49
Acenaphthylene
Concen: 40.818 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

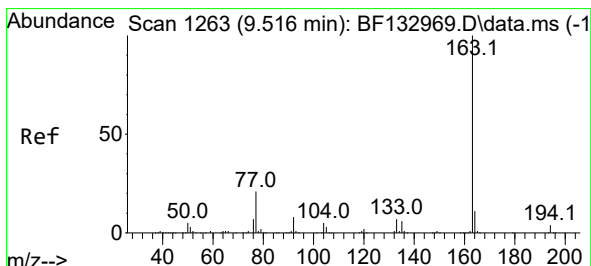
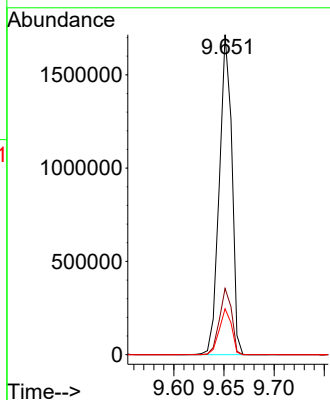
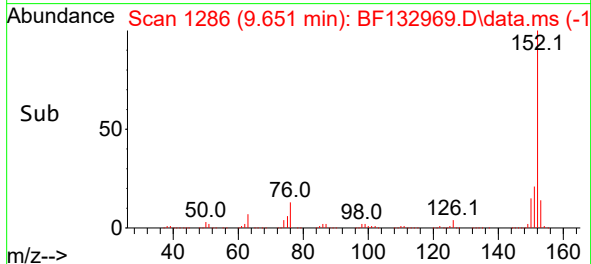
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



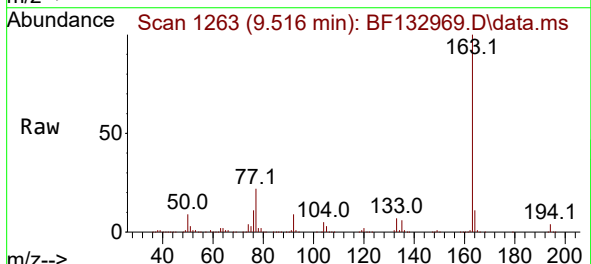
Tgt Ion:152 Resp: 148263
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.4 11.5 17.3

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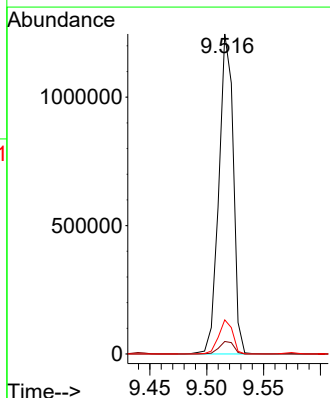
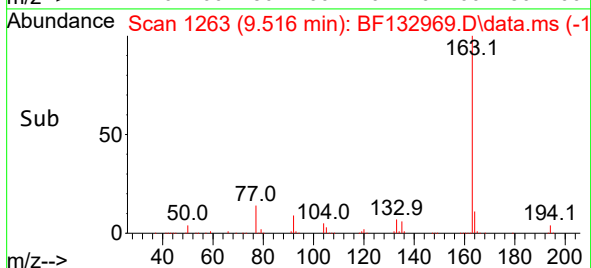
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

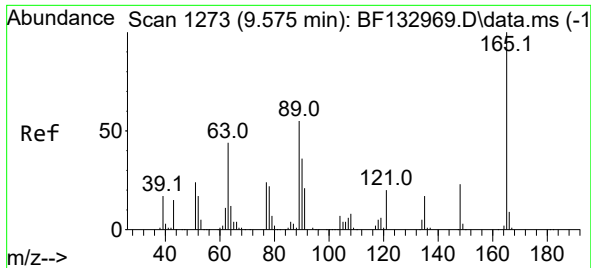


#50
Dimethylphthalate
Concen: 40.409 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



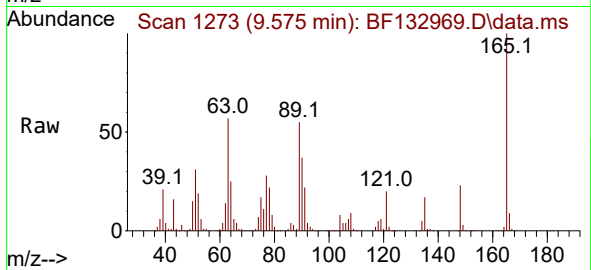
Tgt Ion:163 Resp: 1103580
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.960 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

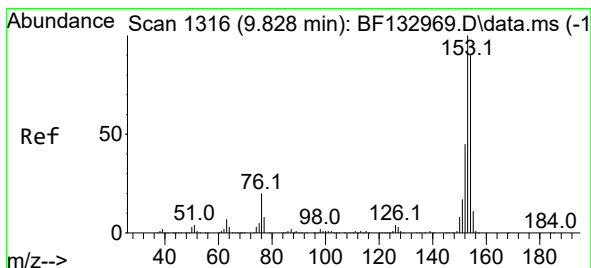
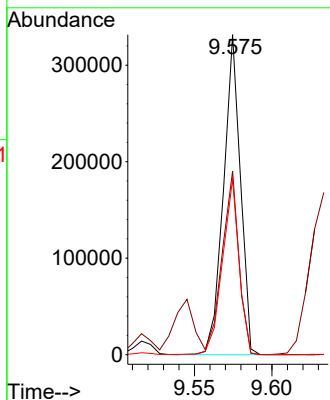
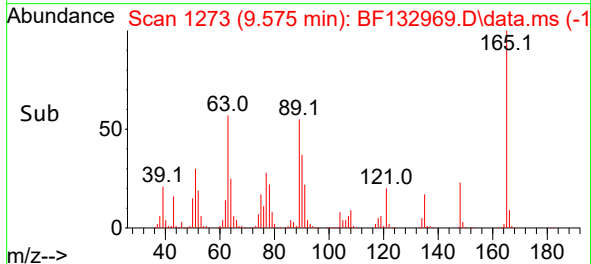
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 251779
Ion Ratio Lower Upper
165 100
63 57.4 45.9 68.9
89 55.0 44.0 66.0

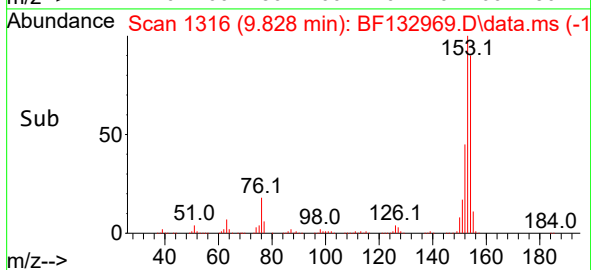
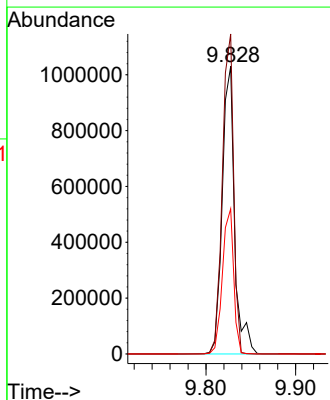
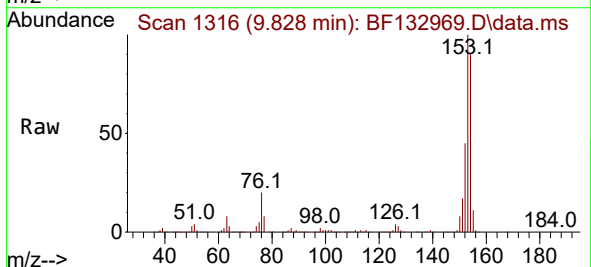
Manual Integrations
APPROVED

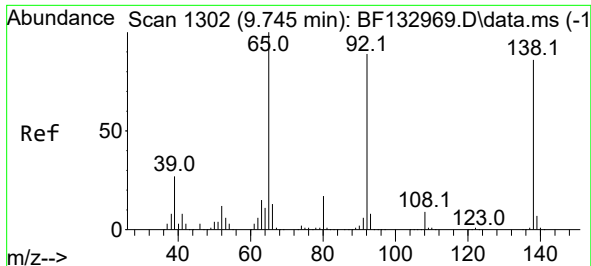
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#52
Acenaphthene
Concen: 40.509 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

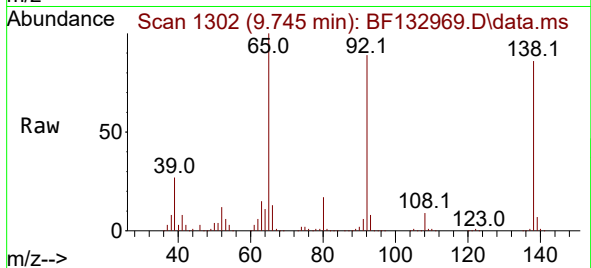
Tgt Ion:154 Resp: 985477
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 50.5 40.4 60.6





#53
3-Nitroaniline
Concen: 41.946 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

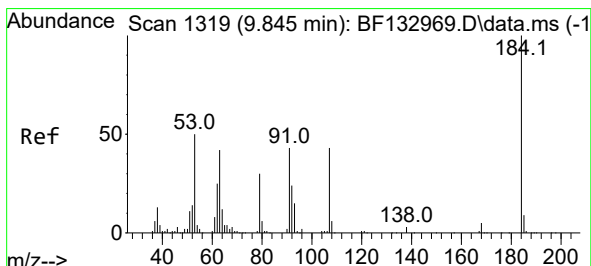
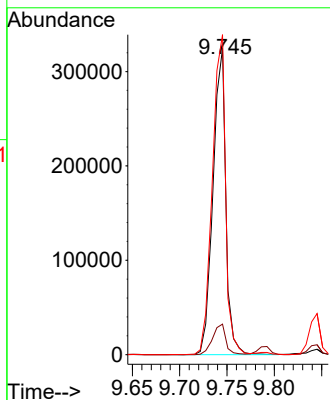
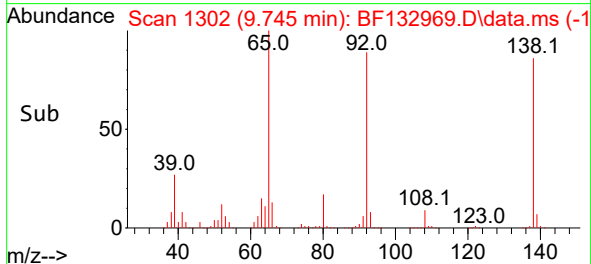
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 306570
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 104.5 83.6 125.4

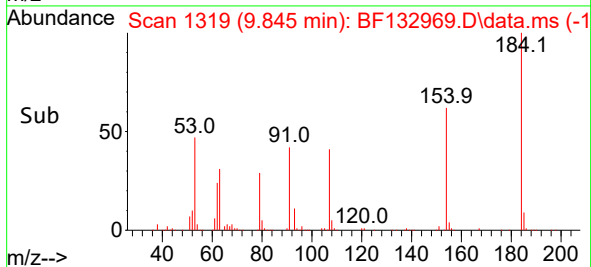
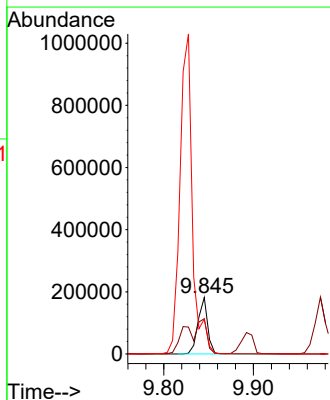
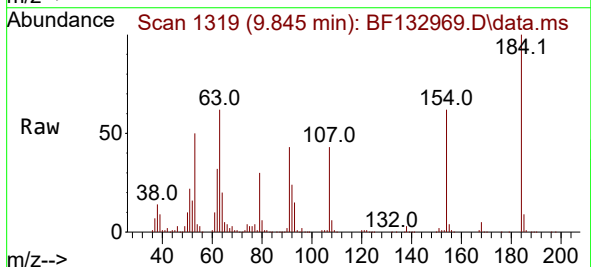
Manual Integrations
APPROVED

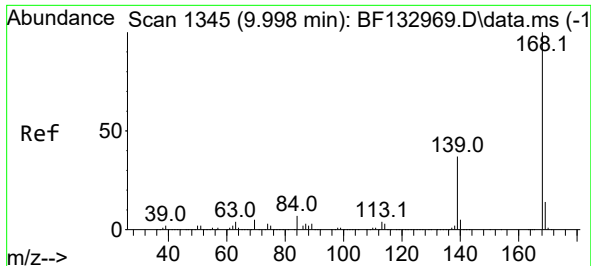
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#54
2,4-Dinitrophenol
Concen: 44.337 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

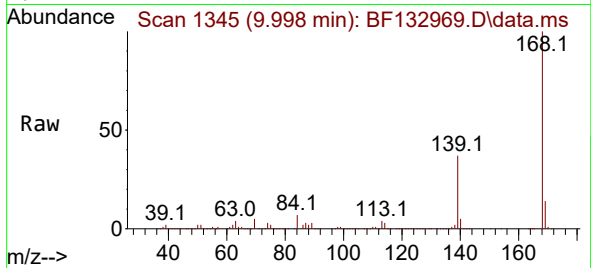
Tgt Ion:184 Resp: 136990
Ion Ratio Lower Upper
184 100
63 62.3 49.8 74.8
154 61.9 49.5 74.3





#55
Dibenzenofuran
Concen: 40.112 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

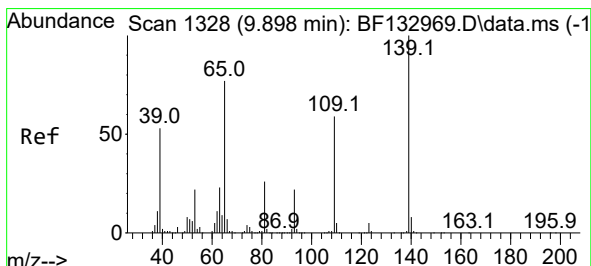
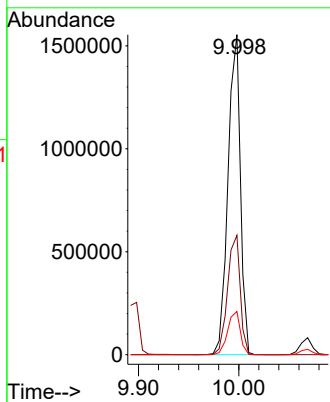
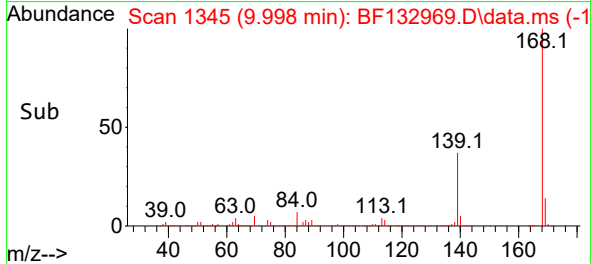
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1331090
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.5 10.8 16.2

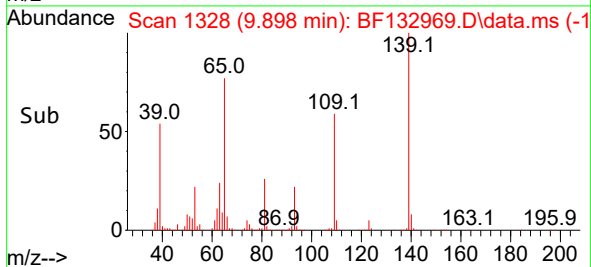
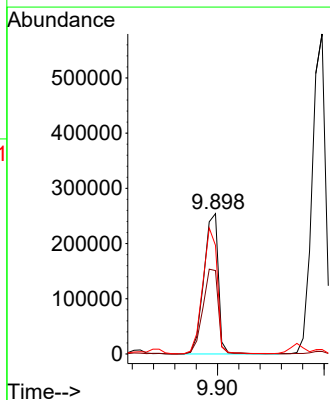
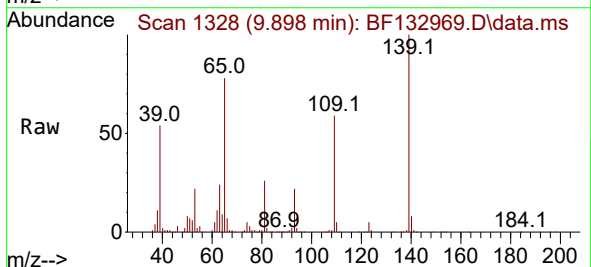
Manual Integrations
APPROVED

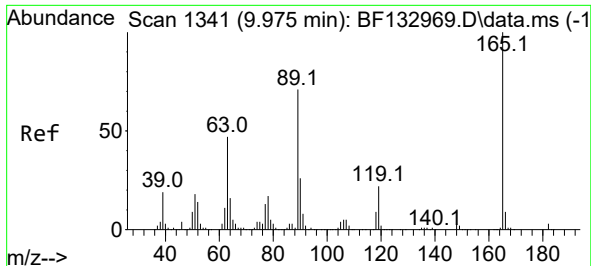
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#56
4-Nitrophenol
Concen: 42.740 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:139 Resp: 241943
Ion Ratio Lower Upper
139 100
109 59.4 39.4 79.4
65 77.5 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 42.356 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 332028

Ion Ratio Lower Upper

165 100

63 47.1 37.7 56.5

89 71.2 57.0 85.4

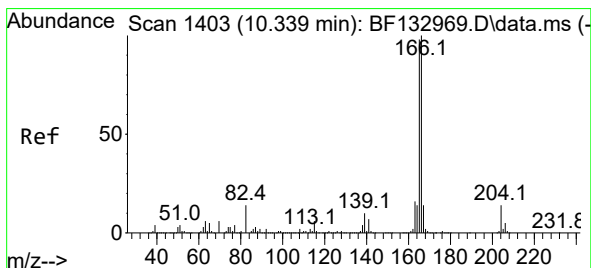
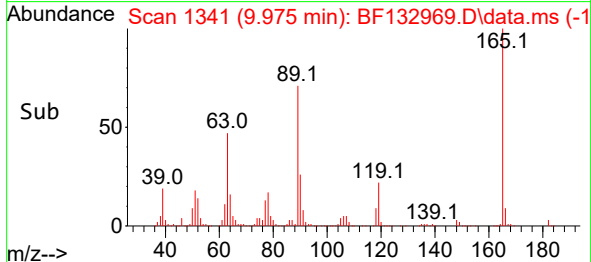
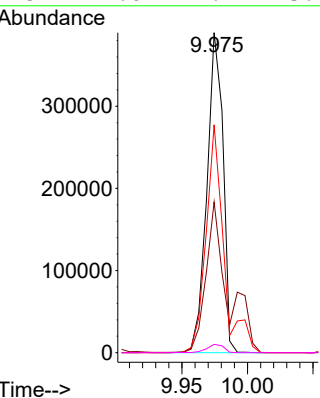
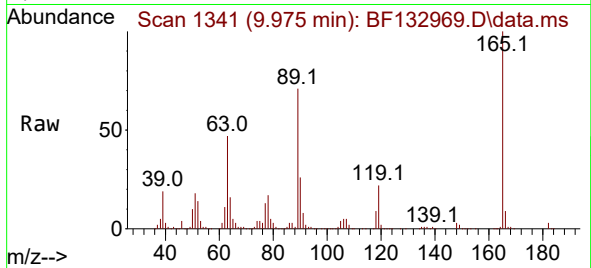
182 2.6 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#58

Fluorene

Concen: 38.966 ng

RT: 10.339 min Scan# 1403

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

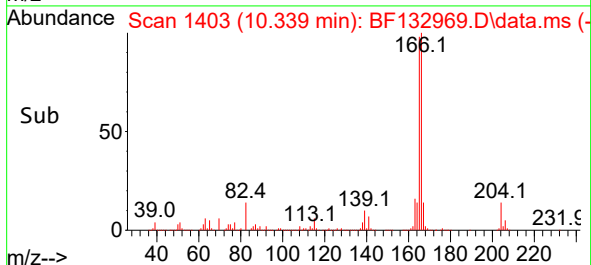
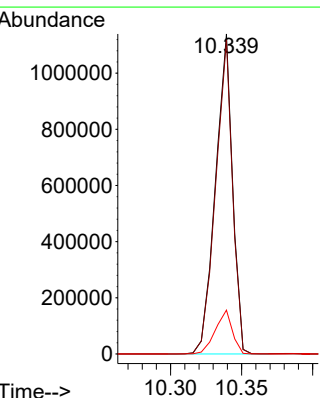
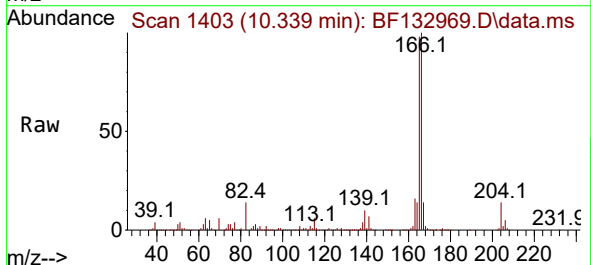
Tgt Ion:166 Resp: 947351

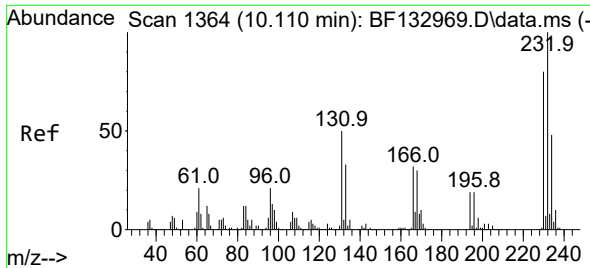
Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

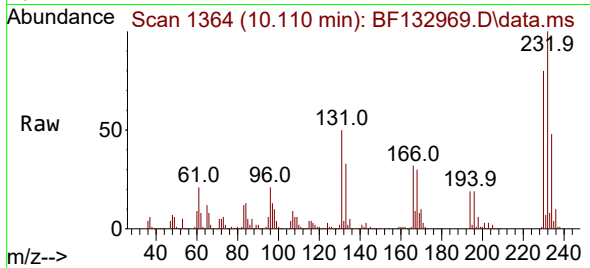
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.532 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

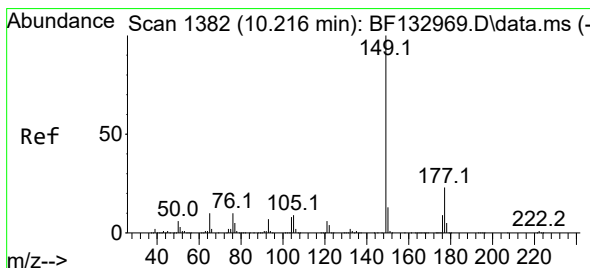
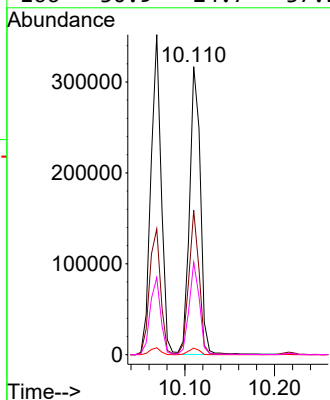
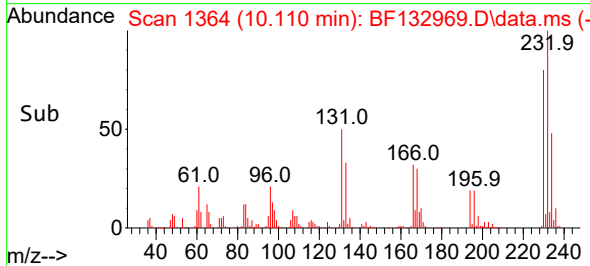
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



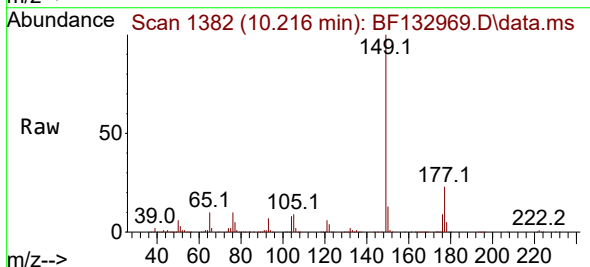
Tgt Ion:232 Resp: 264669
Ion Ratio Lower Upper
232 100
131 47.5 38.0 57.0
130 2.3 1.8 2.8
166 30.9 24.7 37.1

Manual Integrations
APPROVED

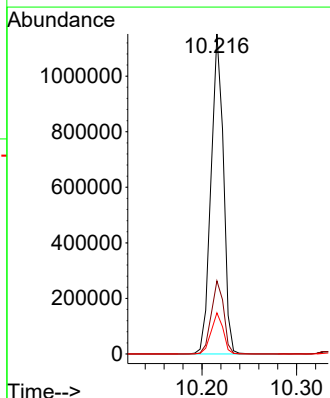
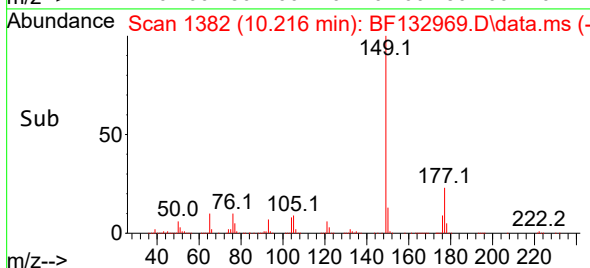
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

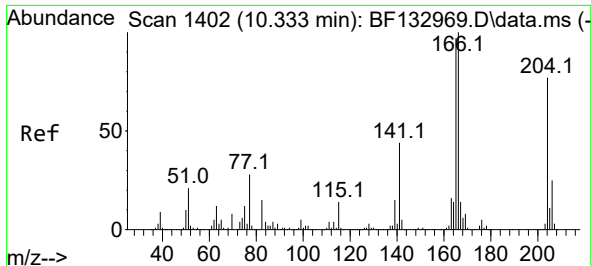


#60
Diethylphthalate
Concen: 40.510 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



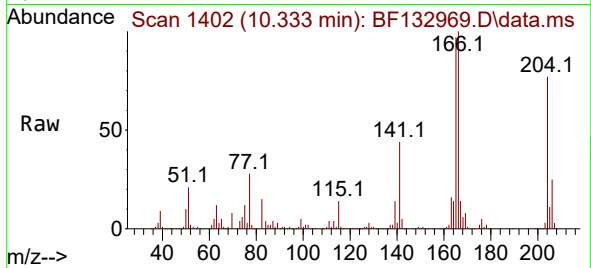
Tgt Ion:149 Resp: 1045025
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.402 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

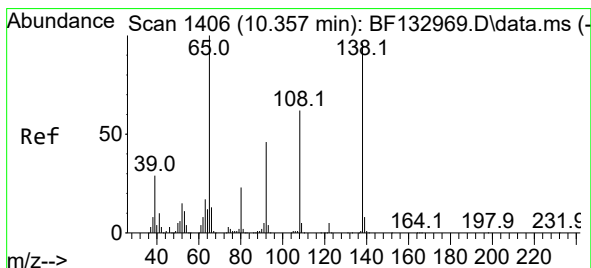
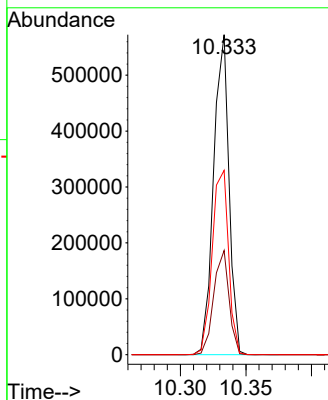
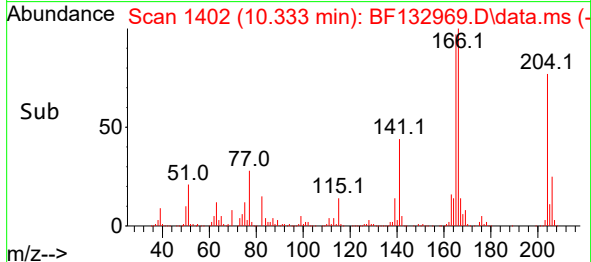
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



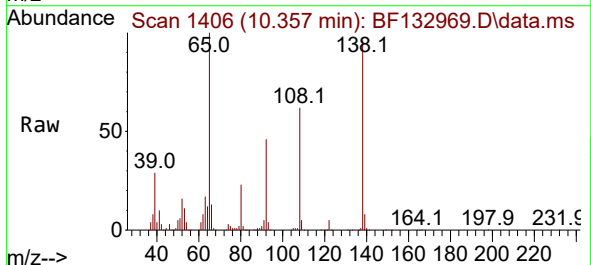
Tgt Ion:204 Resp: 466828
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 57.6 46.1 69.1

Manual Integrations
APPROVED

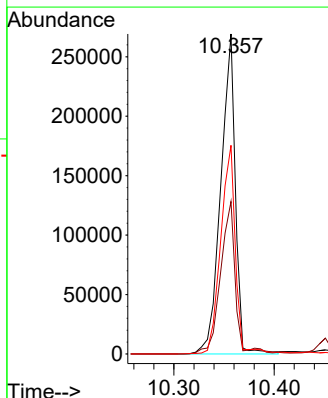
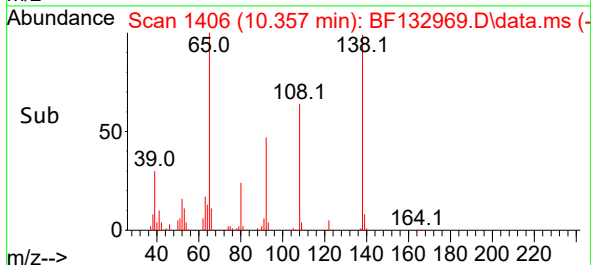
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

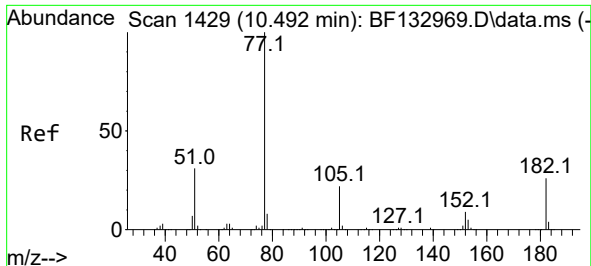


#62
4-Nitroaniline
Concen: 40.407 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



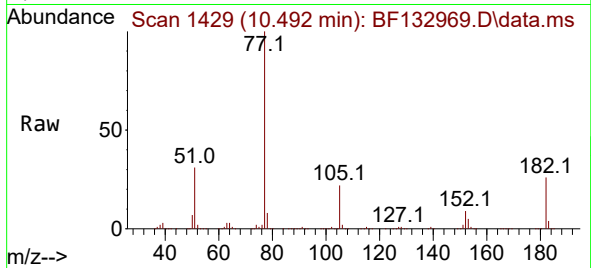
Tgt Ion:138 Resp: 271431
Ion Ratio Lower Upper
138 100
92 47.7 27.7 67.7
108 65.2 45.2 85.2





#63
Azobenzene
Concen: 40.253 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

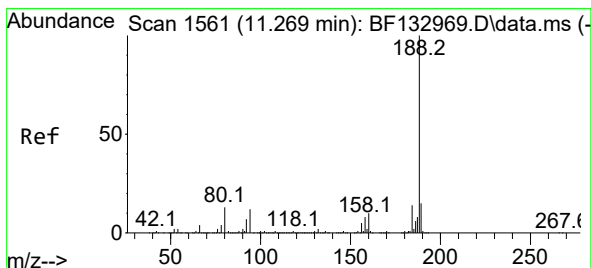
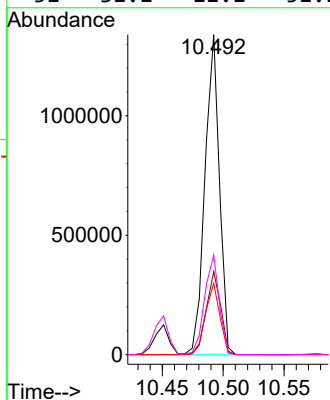
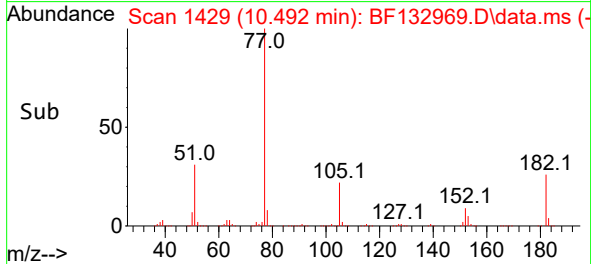
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



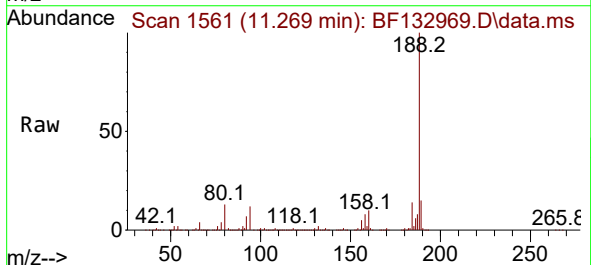
Tgt Ion: 77 Resp: 1100004
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 22.3 2.3 42.3
51 31.1 11.1 51.1

Manual Integrations
APPROVED

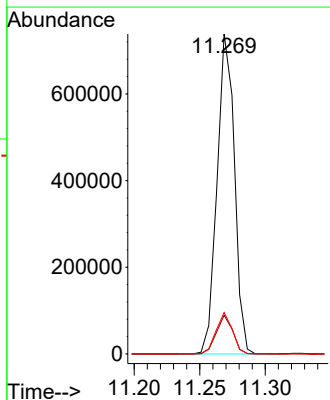
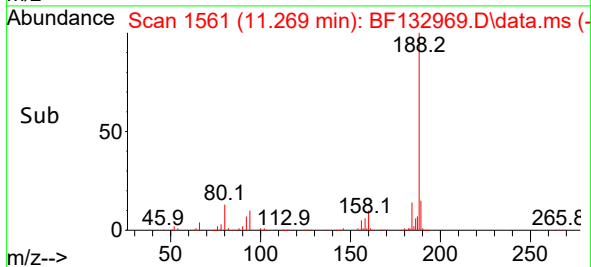
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

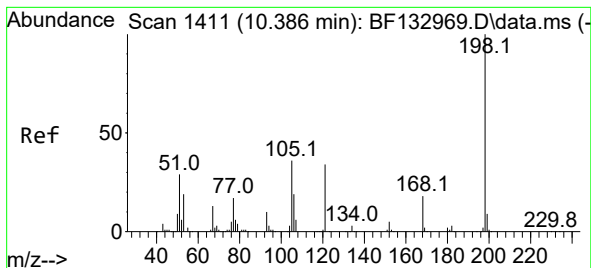


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



Tgt Ion:188 Resp: 679302
Ion Ratio Lower Upper
188 100
94 12.1 9.7 14.5
80 13.0 10.4 15.6





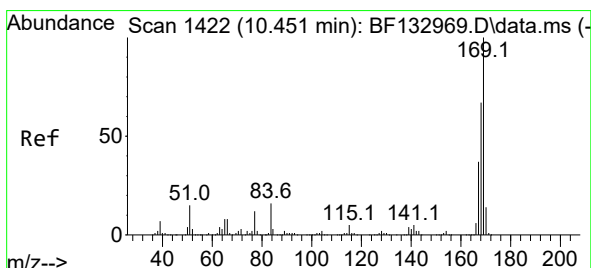
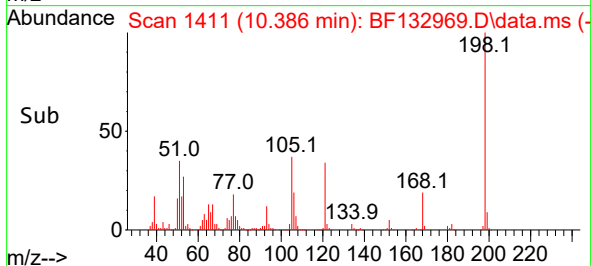
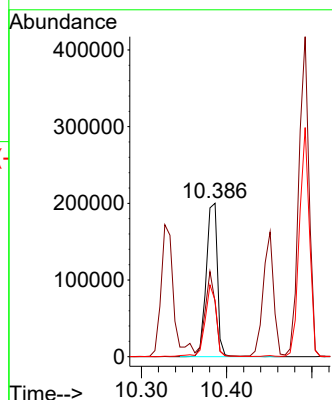
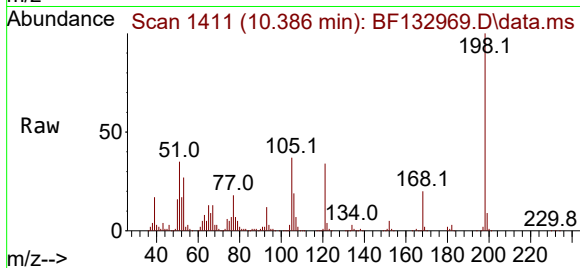
#65
4,6-Dinitro-2-methylphenol
Concen: 44.281 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 18232
Ion Ratio Lower Upper
198 100
51 35.5 15.5 55.5
105 36.7 16.7 56.7

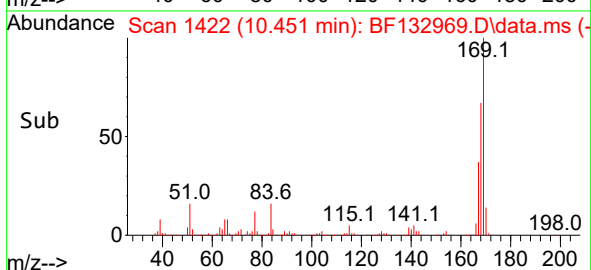
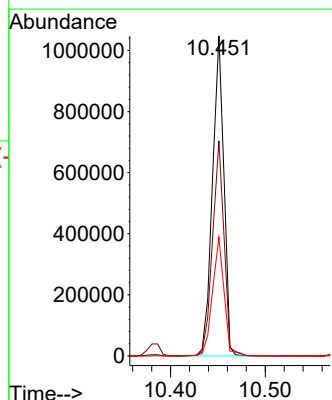
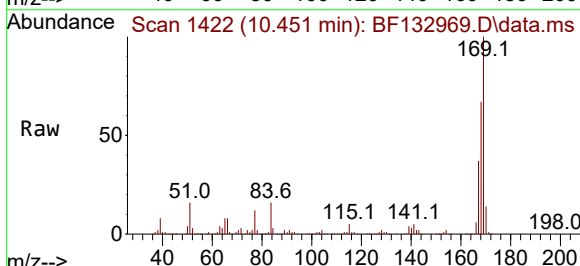
Manual Integrations
APPROVED

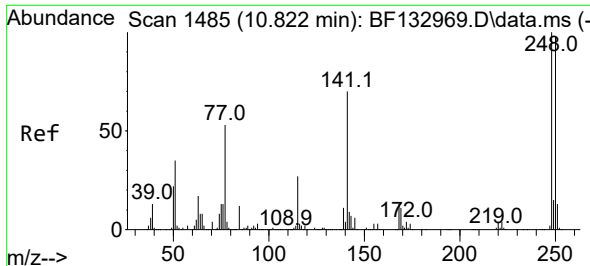
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#66
n-Nitrosodiphenylamine
Concen: 39.781 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

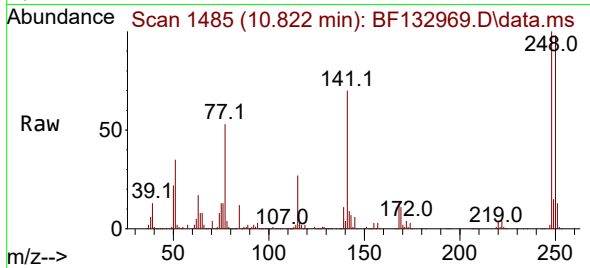
Tgt Ion:169 Resp: 876563
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 37.1 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 40.344 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

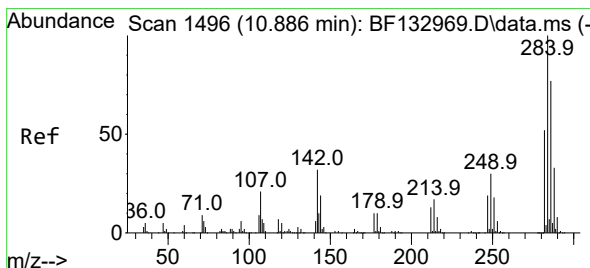
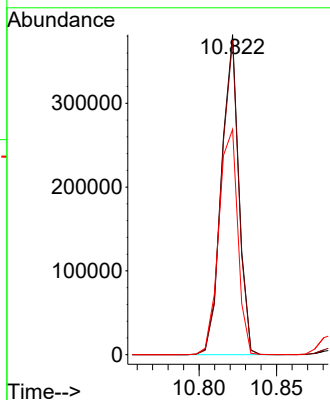
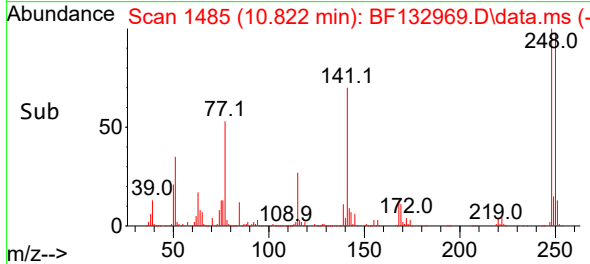
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



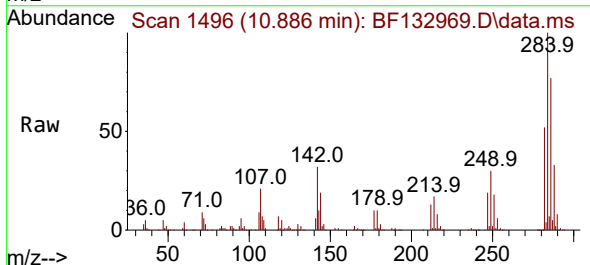
Tgt Ion:248 Resp: 297230
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 70.4 56.3 84.5

Manual Integrations
APPROVED

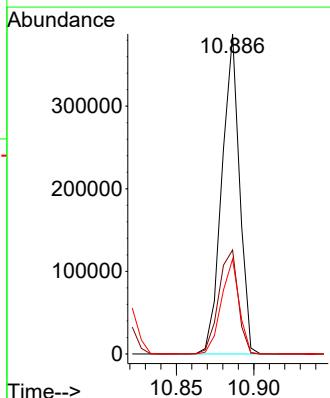
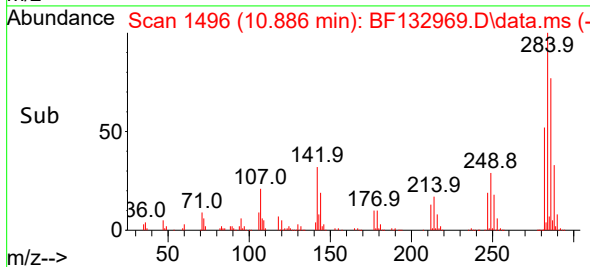
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

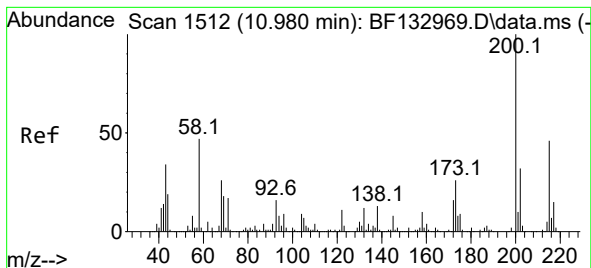


#68
Hexachlorobenzene
Concen: 40.564 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



Tgt Ion:284 Resp: 306231
Ion Ratio Lower Upper
284 100
142 32.5 26.0 39.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 41.609 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

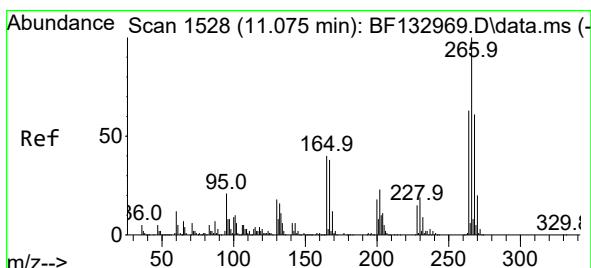
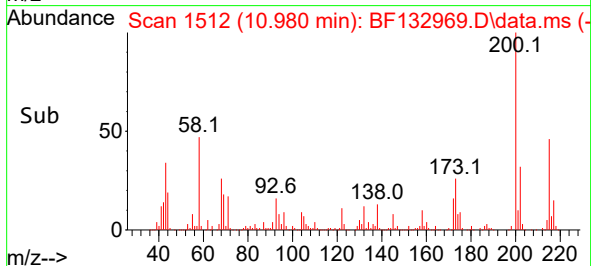
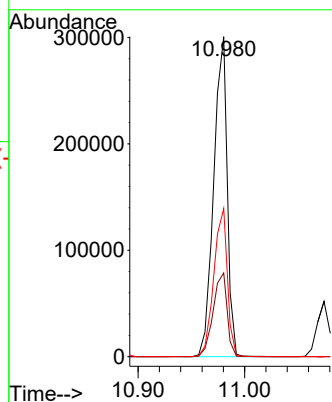
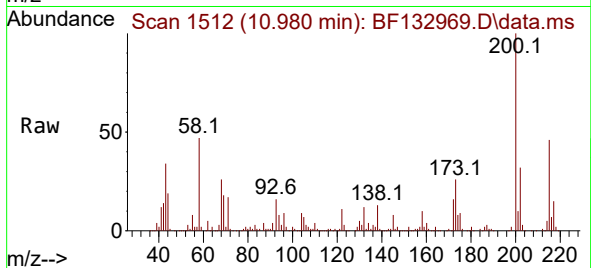
SSTDICCC040

Tgt Ion:200 Resp: 264185
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.2 46.2
 215 46.3 26.3 66.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 43.018 ng

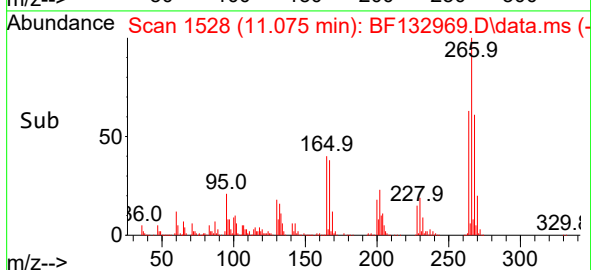
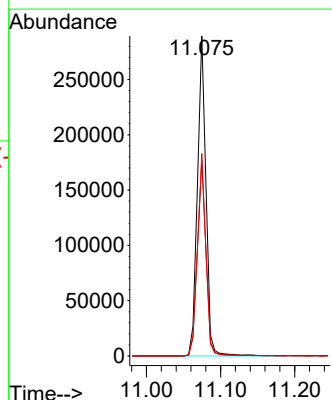
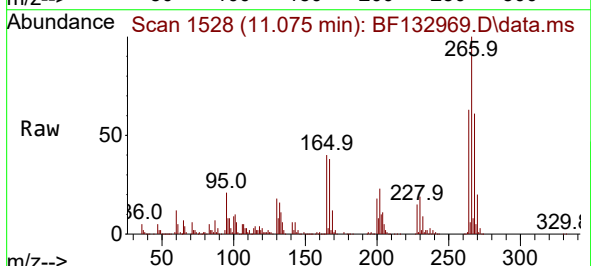
RT: 11.075 min Scan# 1528

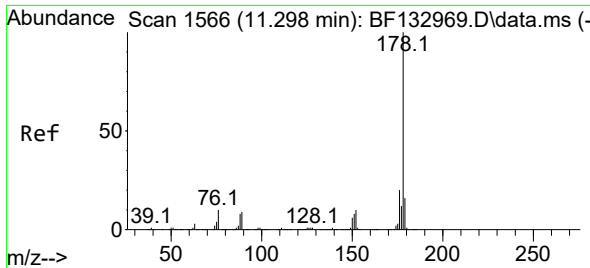
Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Tgt Ion:266 Resp: 231287
 Ion Ratio Lower Upper
 266 100
 268 61.0 48.8 73.2
 264 63.3 50.6 76.0





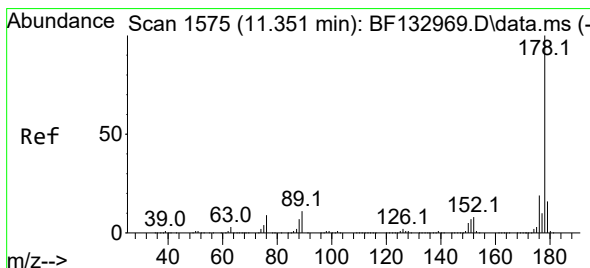
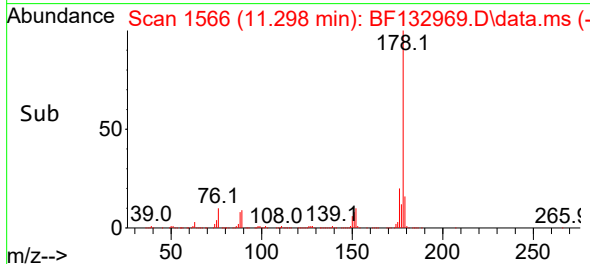
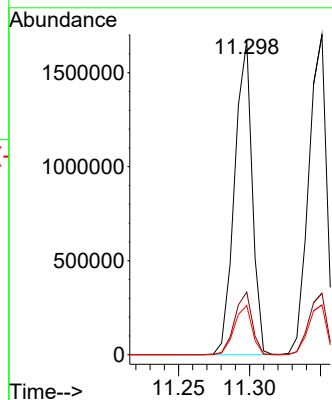
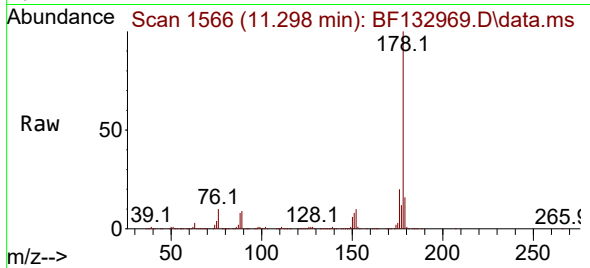
#71
Phenanthrene
Concen: 39.512 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 144259
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.6 12.5 18.7

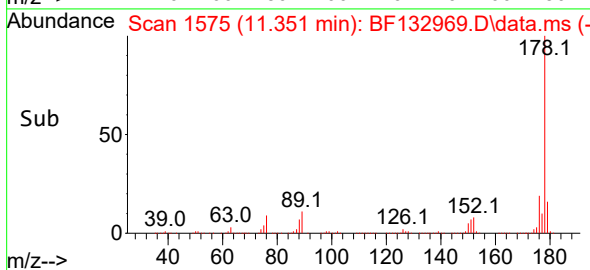
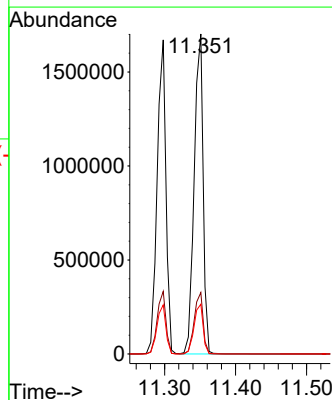
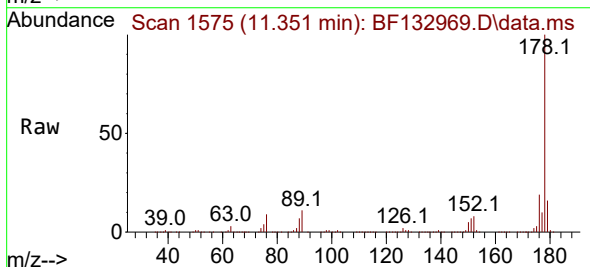
Manual Integrations
APPROVED

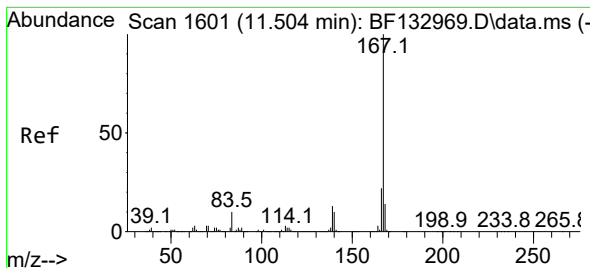
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#72
Anthracene
Concen: 39.971 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:178 Resp: 1493481
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.4 18.6





#73

Carbazole

Concen: 40.474 ng

RT: 11.504 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BF132969.D

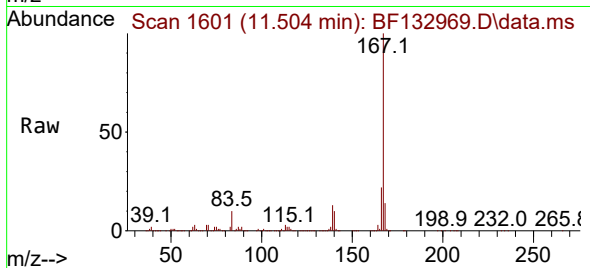
Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:167 Resp: 1346578

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

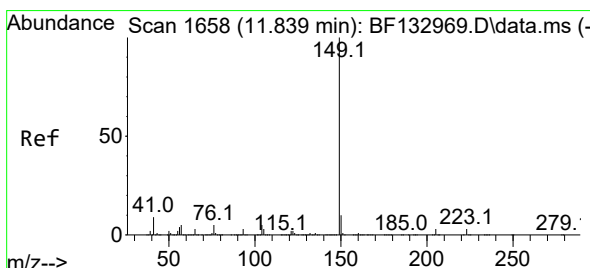
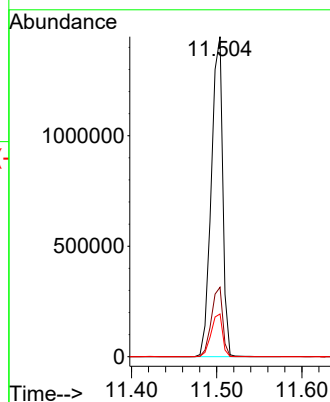
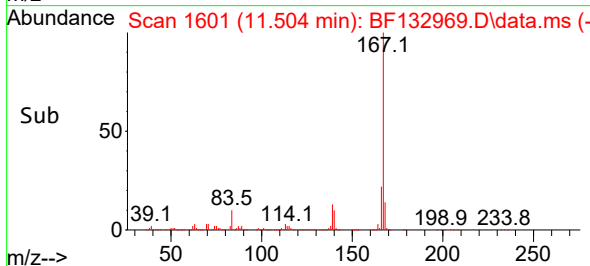
139 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#74

Di-n-butylphthalate

Concen: 41.557 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

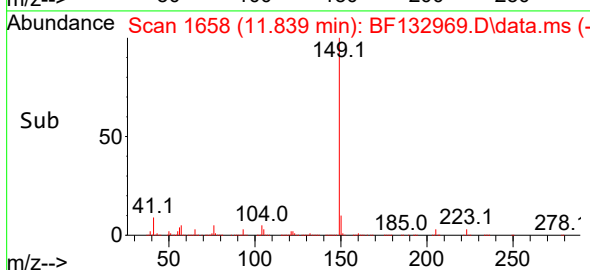
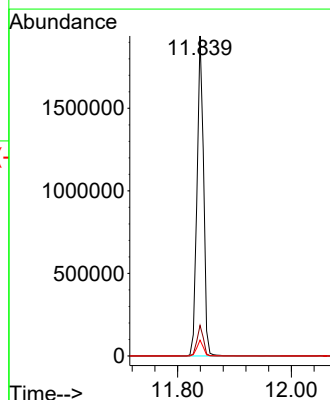
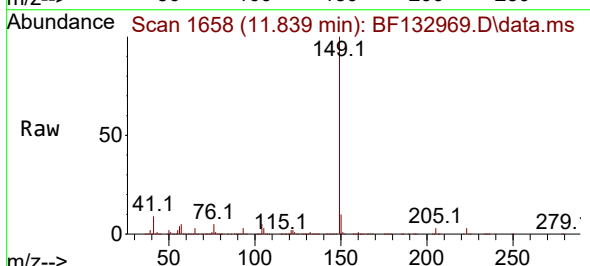
Tgt Ion:149 Resp: 1564662

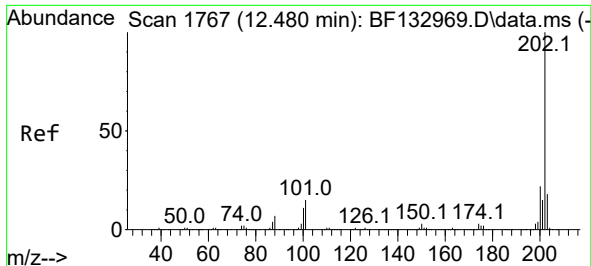
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

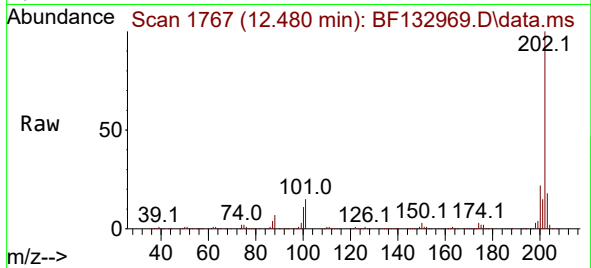
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 40.577 ng
RT: 12.480 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

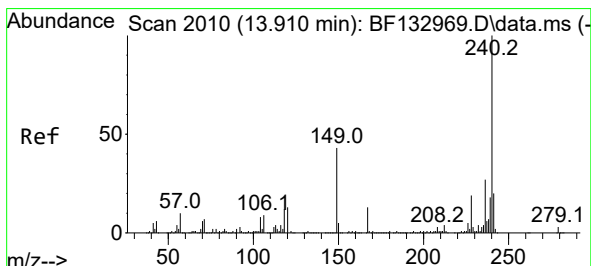
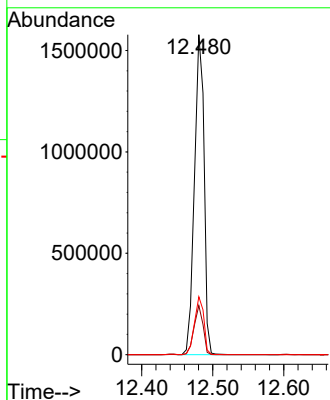
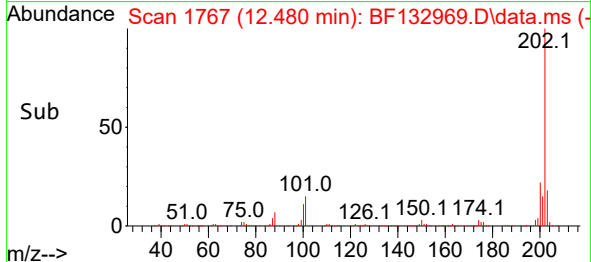
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



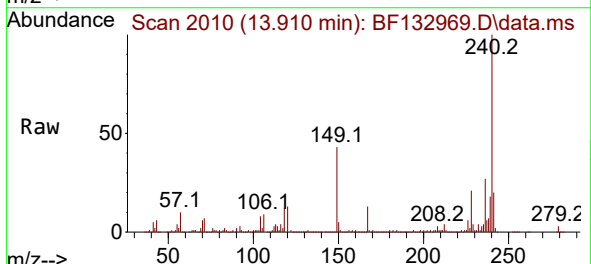
Tgt Ion:202 Resp: 148685
Ion Ratio Lower Upper
202 100
101 15.3 0.0 35.3
203 18.1 0.0 38.1

Manual Integrations
APPROVED

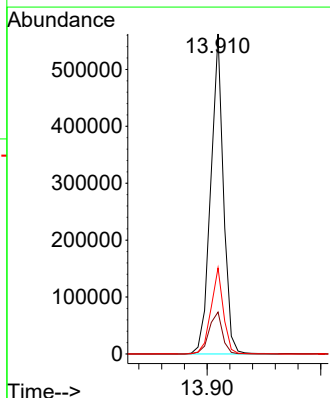
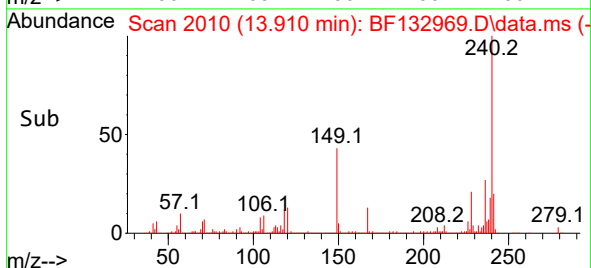
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

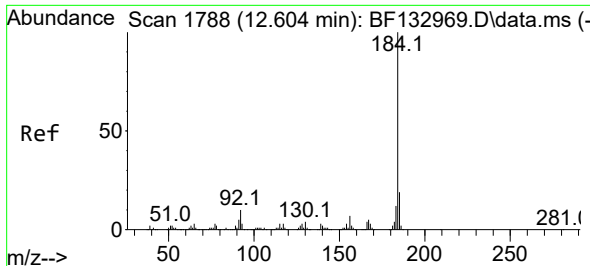


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



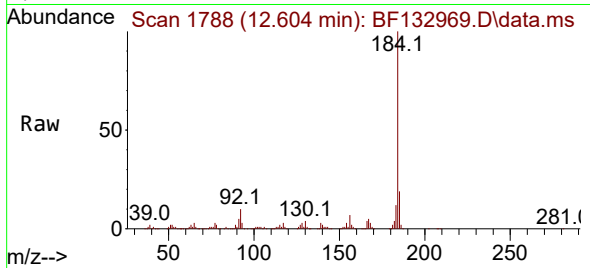
Tgt Ion:240 Resp: 435972
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 26.9 21.5 32.3





#77
Benzidine
Concen: 40.255 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

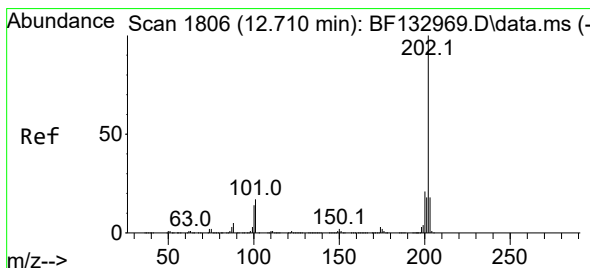
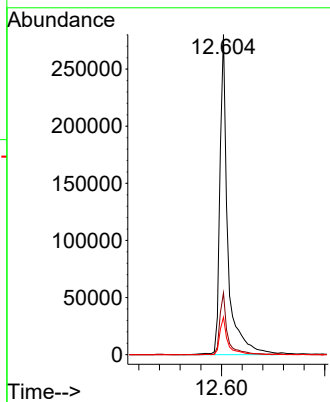
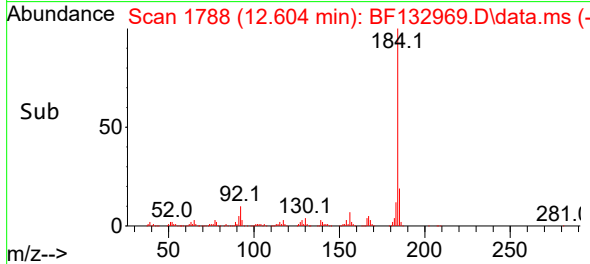
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 296779
Ion Ratio Lower Upper
184 100
185 19.3 15.4 23.2
183 11.7 9.4 14.0

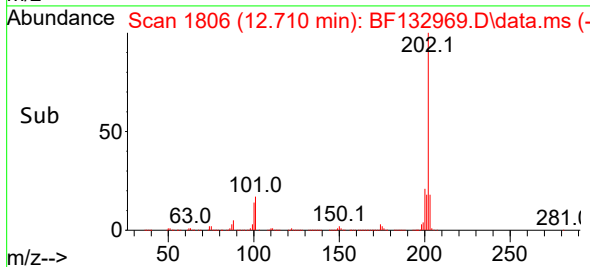
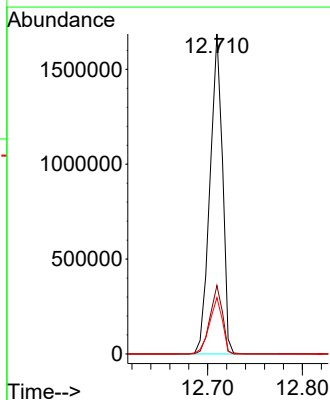
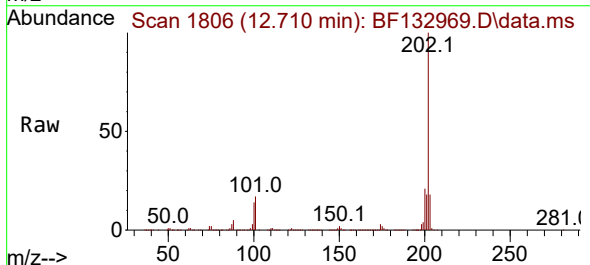
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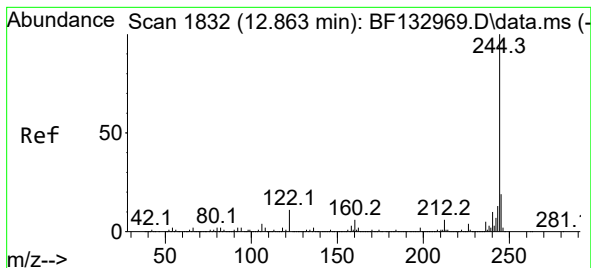
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#78
Pyrene
Concen: 41.120 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:202 Resp: 1536755
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 80.916 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF132969.D

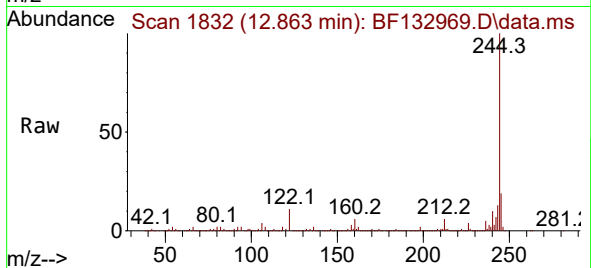
Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:244 Resp: 204545

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

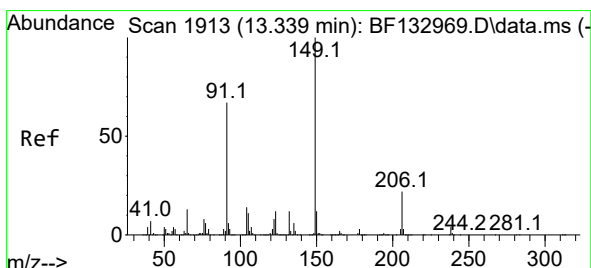
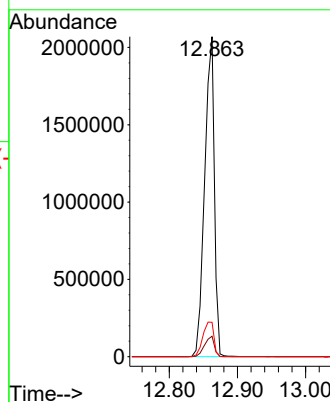
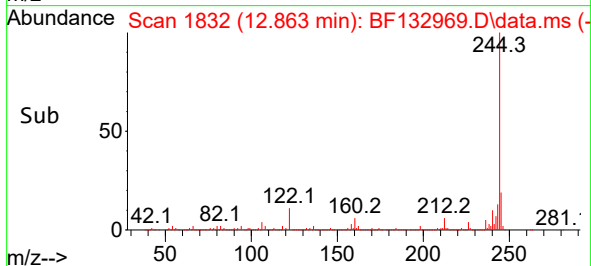
122 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#80

Butylbenzylphthalate

Concen: 43.826 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

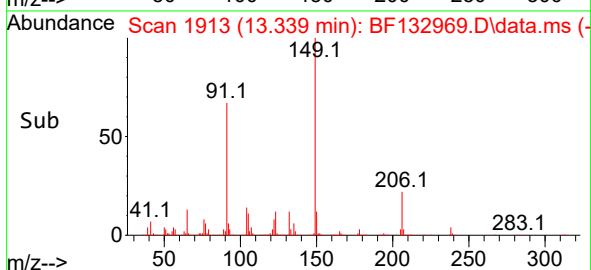
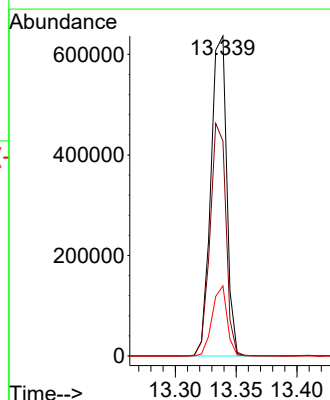
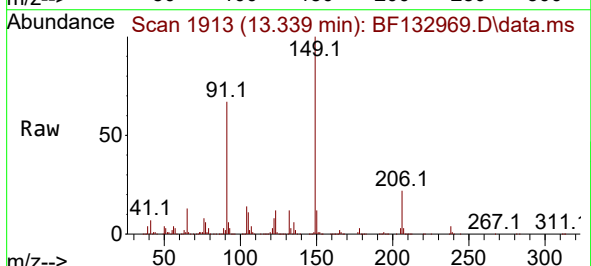
Tgt Ion:149 Resp: 579942

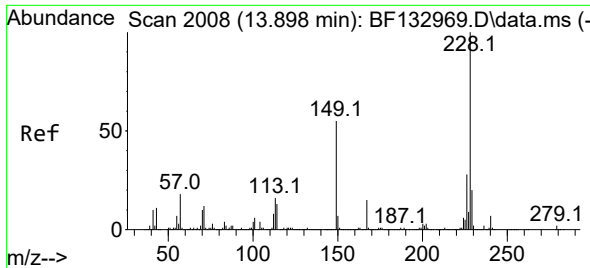
Ion Ratio Lower Upper

149 100

91 67.2 53.8 80.6

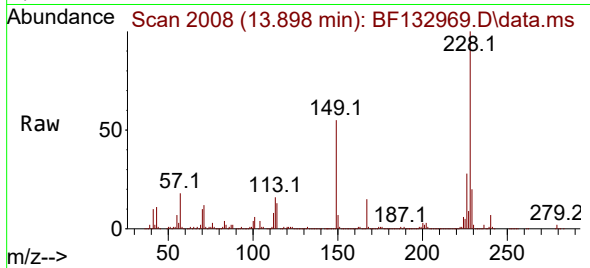
206 21.9 17.5 26.3





#81
Benzo(a)anthracene
Concen: 41.197 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

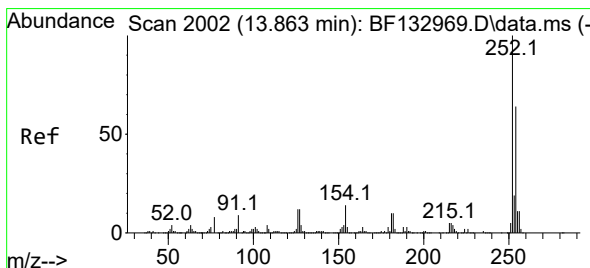
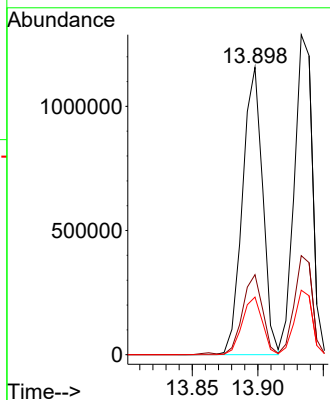
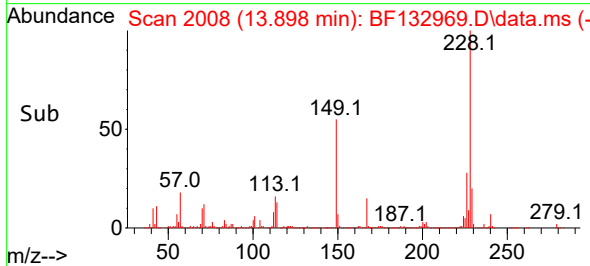
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



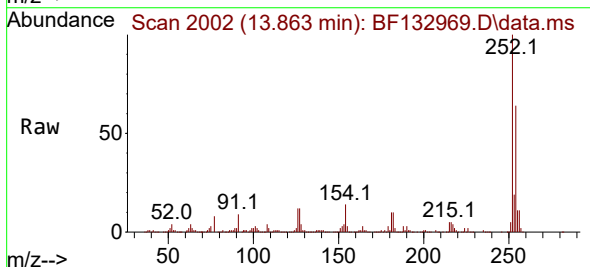
Tgt Ion:228 Resp: 123511
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.0 16.0 24.0

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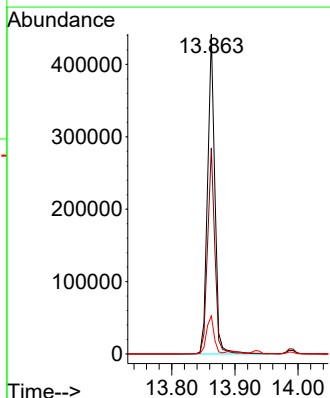
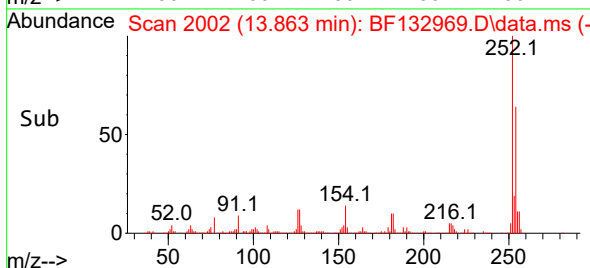
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

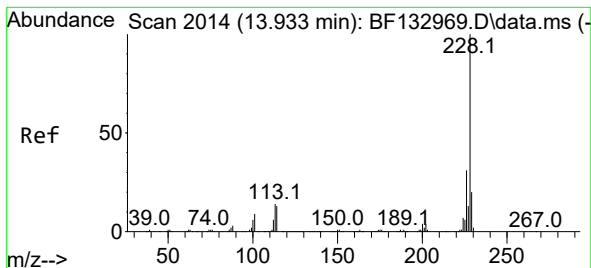


#82
3,3'-Dichlorobenzidine
Concen: 43.240 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15



Tgt Ion:252 Resp: 358118
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 11.9 9.5 14.3





#83

Chrysene

Concen: 41.091 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 123162

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

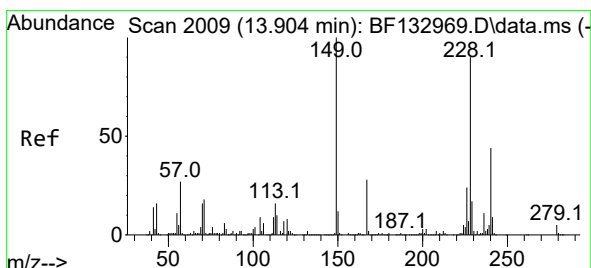
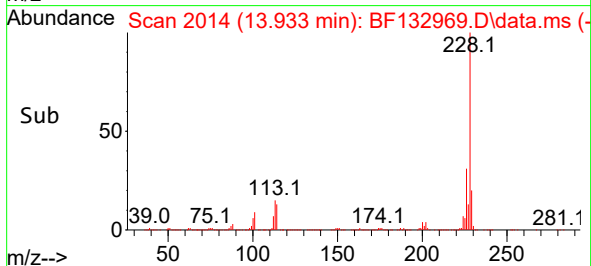
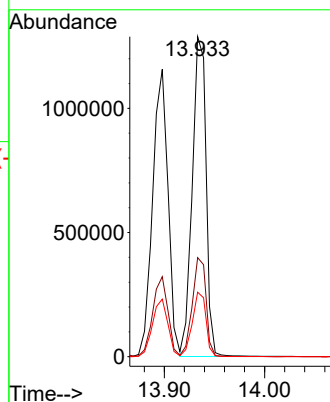
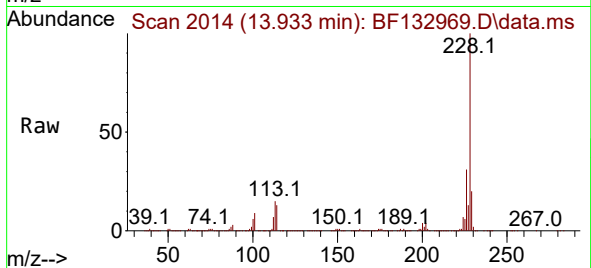
229 20.1 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/24/2023

Supervised By :Jagrut Upadhyay 04/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.898 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF132969.D

Acq: 21 Apr 2023 15:15

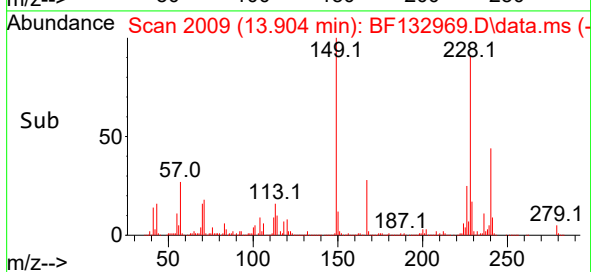
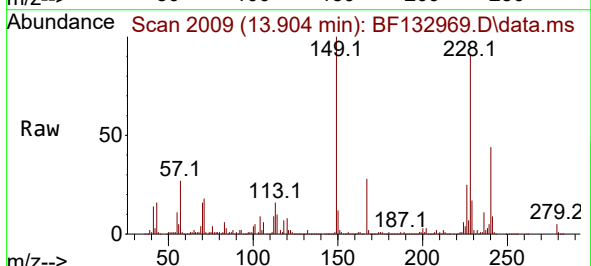
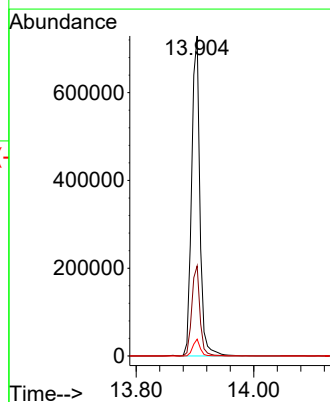
Tgt Ion:149 Resp: 712508

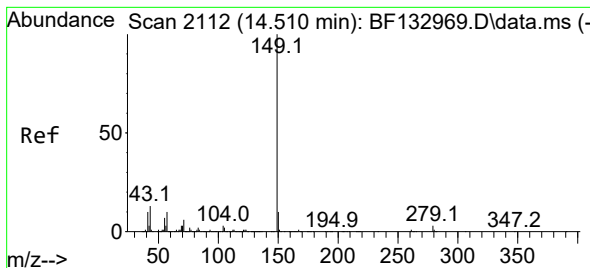
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 43.505 ng

RT: 14.510 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF132969.D

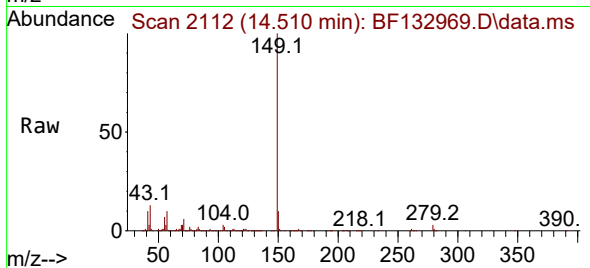
Acq: 21 Apr 2023 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:149 Resp: 1178239

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

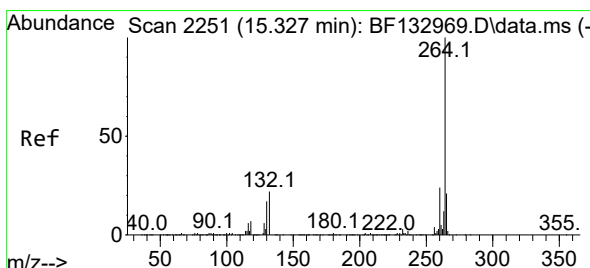
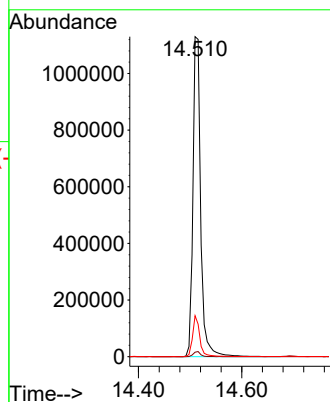
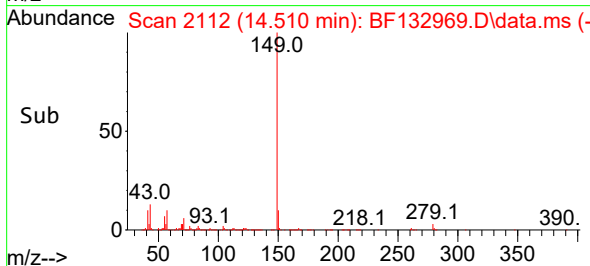
43 11.9 9.5 14.3

Manual Integrations

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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: BF132969.D

Acq: 21 Apr 2023 15:15

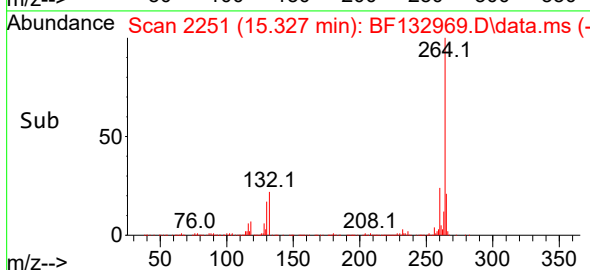
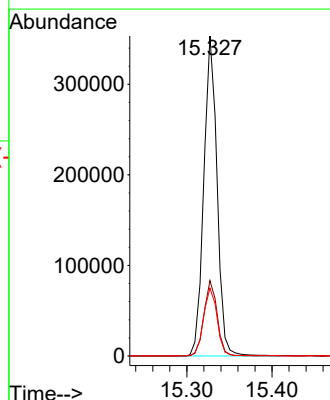
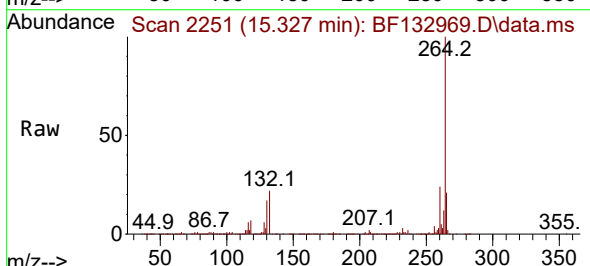
Tgt Ion:264 Resp: 381830

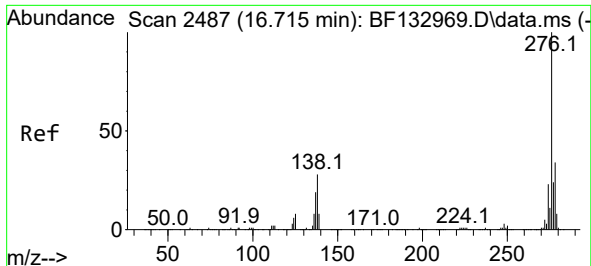
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

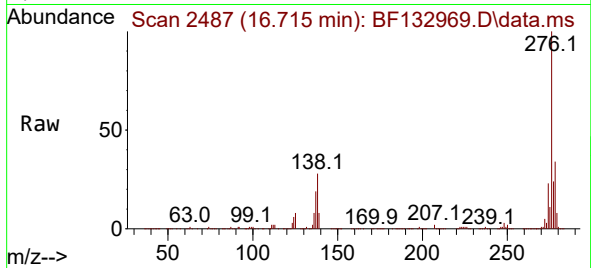
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.431 ng
RT: 16.715 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

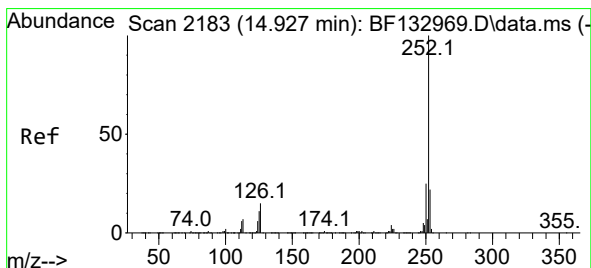
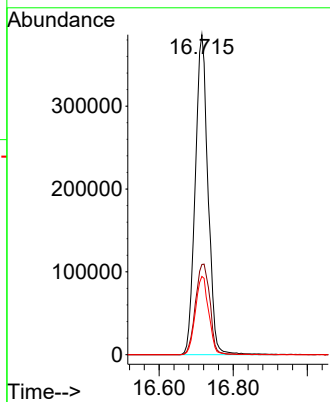
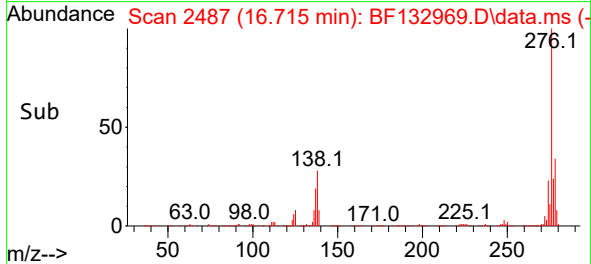
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 921572
Ion Ratio Lower Upper
276 100
138 31.9 25.5 38.3
277 25.5 20.4 30.6

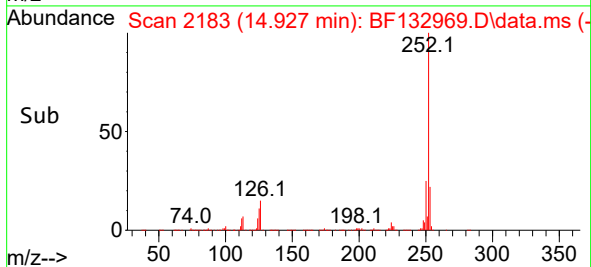
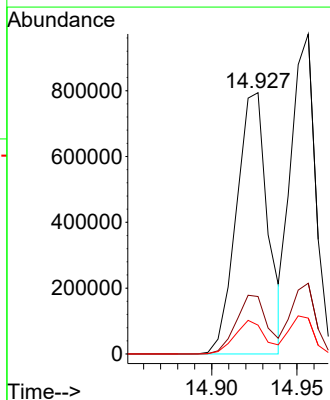
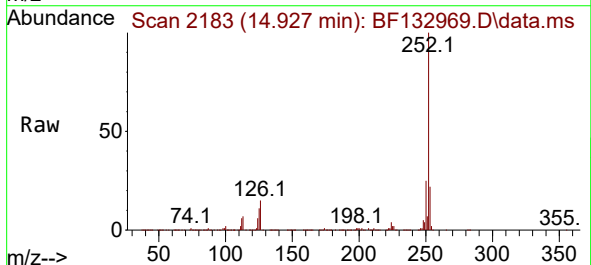
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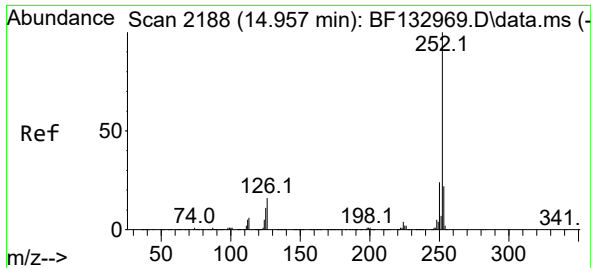
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#88
Benzo(b)fluoranthene
Concen: 41.932 ng
RT: 14.927 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

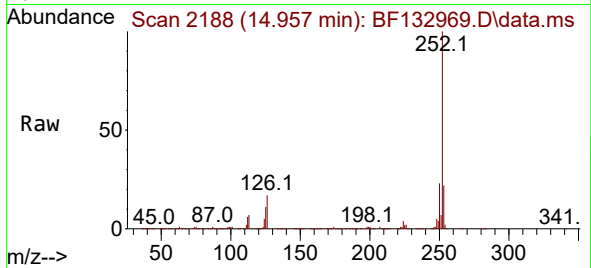
Tgt Ion:252 Resp: 1018595
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.1 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 40.869 ng
RT: 14.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

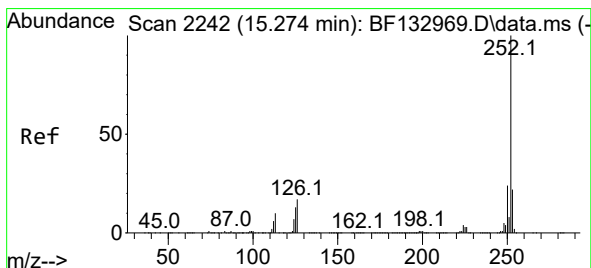
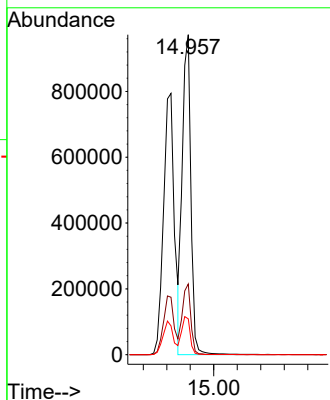
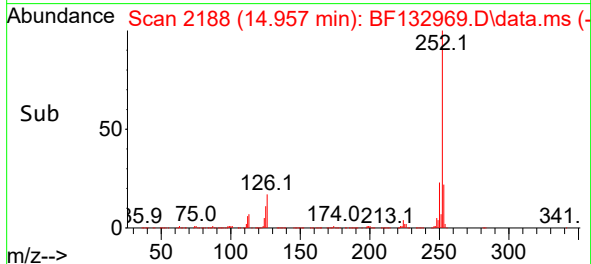
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:252 Resp: 984114
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.2 9.0 13.4

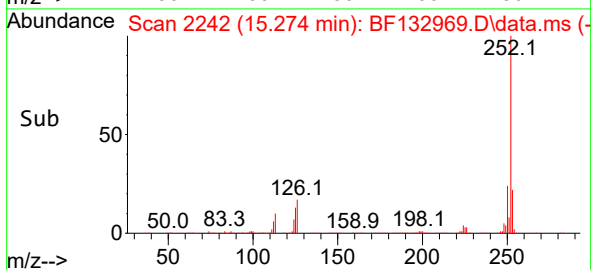
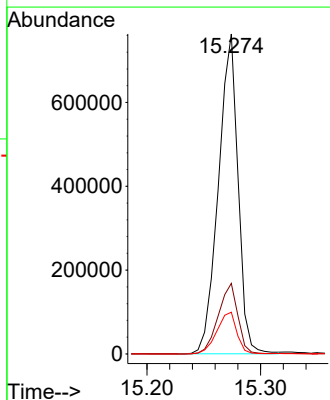
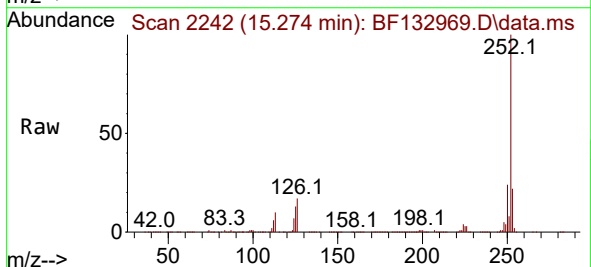
Manual Integrations
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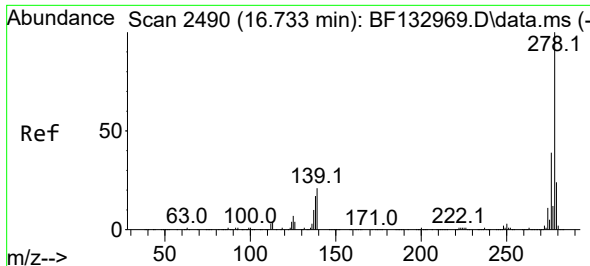
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#90
Benzo(a)pyrene
Concen: 41.515 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:252 Resp: 917919
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 13.1 10.5 15.7





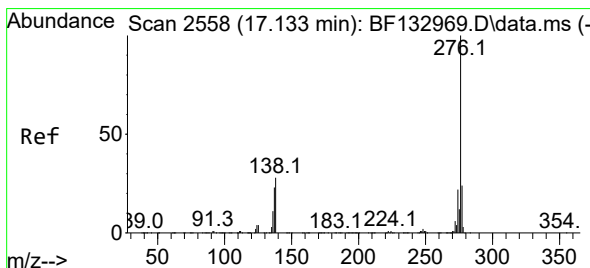
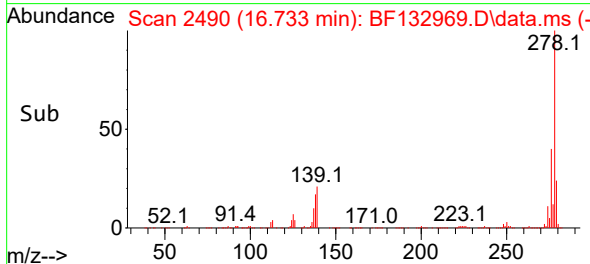
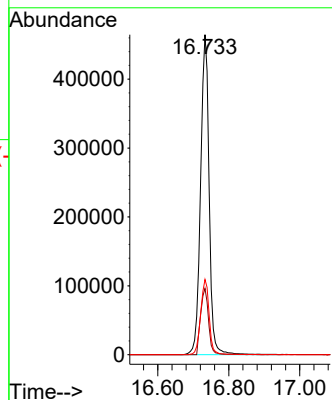
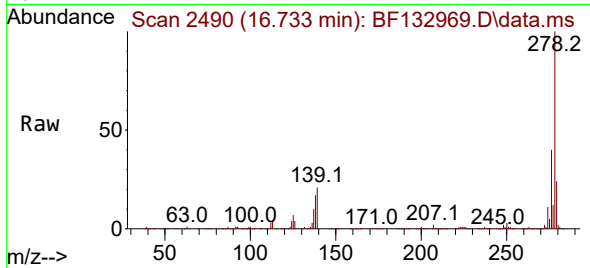
#91
Dibenzo(a,h)anthracene
Concen: 43.078 ng
RT: 16.733 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 78035
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 23.5 18.8 28.2

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



#92
Benzo(g,h,i)perylene
Concen: 42.897 ng
RT: 17.133 min Scan# 2558
Delta R.T. 0.000 min
Lab File: BF132969.D
Acq: 21 Apr 2023 15:15

Tgt Ion:276 Resp: 767173
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 28.4 22.7 34.1

