

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132388.D
 Acq On : 10 Feb 2023 12:14
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 11 00:32:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 11 00:16:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/13/2023
 Supervised By : Jagrut Upadhyay 02/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.043	152	169828	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	602498	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	299406	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	558260	20.000	ng	0.00
76) Chrysene-d12	14.248	240	300532	20.000	ng	0.00
86) Perylene-d12	15.818	264	280566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	805445	76.234	ng	0.00
7) Phenol-d6	6.660	99	953088	73.170	ng	0.00
23) Nitrobenzene-d5	7.607	82	783268	72.343	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	285273	92.652	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1456236	75.109	ng	0.00
79) Terphenyl-d14	13.183	244	1528538	98.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.937	88	206521	41.542	ng	94
3) Pyridine	3.702	79	510513	37.853	ng	96
4) n-Nitrosodimethylamine	3.666	42	149089	34.547	ng	88
6) Aniline	6.707	93	607712m	34.381	ng	
8) 2-Chlorophenol	6.825	128	428490	39.158	ng	96
9) Benzaldehyde	6.590	77	190223	22.726	ng	96
10) Phenol	6.672	94	487860	36.186	ng	96
11) bis(2-Chloroethyl)ether	6.772	93	411054	37.046	ng	94
12) 1,3-Dichlorobenzene	6.984	146	456153	39.414	ng	97
13) 1,4-Dichlorobenzene	7.060	146	459106	39.740	ng	98
14) 1,2-Dichlorobenzene	7.213	146	420798	39.057	ng	98
15) Benzyl Alcohol	7.178	79	324587	34.151	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.307	45	351652	30.081	ng	95
17) 2-Methylphenol	7.284	107	357289	37.300	ng	98
18) Hexachloroethane	7.554	117	167286	38.600	ng	98
19) n-Nitroso-di-n-propyla...	7.448	70	230698	31.180	ng	97
20) 3+4-Methylphenols	7.437	107	450040	36.811	ng	96
22) Acetophenone	7.448	105	531439	37.507	ng	98
24) Nitrobenzene	7.625	77	389198	35.186	ng	94
25) Isophorone	7.860	82	712681	34.681	ng	96
26) 2-Nitrophenol	7.942	139	226063	41.958	ng	# 87
27) 2,4-Dimethylphenol	7.966	122	367543	38.974	ng	100
28) bis(2-Chloroethoxy)met...	8.066	93	457244	36.207	ng	100
29) 2,4-Dichlorophenol	8.178	162	346498	41.384	ng	98
30) 1,2,4-Trichlorobenzene	8.266	180	371735	41.461	ng	97
31) Naphthalene	8.354	128	1172688	39.542	ng	99
32) Benzoic acid	8.072	122	239038m	34.244	ng	
33) 4-Chloroaniline	8.395	127	529556m	40.268	ng	
34) Hexachlorobutadiene	8.460	225	223404	44.323	ng	99
35) Caprolactam	8.772	113	109149	38.240	ng	# 81
36) 4-Chloro-3-methylphenol	8.866	107	353091	39.145	ng	97
37) 2-Methylnaphthalene	9.042	142	785353	39.095	ng	99
38) 1-Methylnaphthalene	9.142	142	738375	39.552	ng	98
40) 1,2,4,5-Tetrachloroben...	9.207	216	356999	42.371	ng	98
41) Hexachlorocyclopentadiene	9.195	237	191593	38.975	ng	100
43) 2,4,6-Trichlorophenol	9.319	196	250939	41.664	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	291437	42.041	ng	99
46) 1,1'-Biphenyl	9.507	154	905781	39.241	ng	97
47) 2-Chloronaphthalene	9.536	162	697051	39.649	ng	99
48) 2-Nitroaniline	9.631	65	177216	33.894	ng	# 74
49) Acenaphthylene	9.954	152	1136096	39.595	ng	100
50) Dimethylphthalate	9.807	163	837186	39.973	ng	99
51) 2,6-Dinitrotoluene	9.872	165	192335	41.119	ng	# 78
52) Acenaphthene	10.131	154	710912	39.575	ng	99
53) 3-Nitroaniline	10.042	138	221088	38.976	ng	96
54) 2,4-Dinitrophenol	10.142	184	98832	38.807	ng	95
55) Dibenzofuran	10.301	168	985821	39.059	ng	99
56) 4-Nitrophenol	10.189	139	164801	38.608	ng	95
57) 2,4-Dinitrotoluene	10.272	165	255313	42.019	ng	94
58) Fluorene	10.642	166	762304	39.245	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.413	232	216051	42.751	ng	96
60) Diethylphthalate	10.507	149	838434	40.242	ng	99
61) 4-Chlorophenyl-phenyle...	10.631	204	378825	41.094	ng	97
62) 4-Nitroaniline	10.660	138	186293	34.248	ng	96
63) Azobenzene	10.795	77	681776	33.594	ng	93
65) 4,6-Dinitro-2-methylph...	10.683	198	139829	44.132	ng	93
66) n-Nitrosodiphenylamine	10.754	169	672384	38.464	ng	100
67) 4-Bromophenyl-phenylether	11.125	248	237405	41.529	ng	95
68) Hexachlorobenzene	11.195	284	259543	42.478	ng	92
69) Atrazine	11.278	200	208094	41.386	ng	99
70) Pentachlorophenol	11.383	266	174276	41.512	ng	99
71) Phenanthrene	11.613	178	1131912	38.801	ng	100
72) Anthracene	11.666	178	1160451	39.088	ng	99
73) Carbazole	11.819	167	1011638	38.003	ng	100
74) Di-n-butylphthalate	12.142	149	1240357	39.413	ng	99
75) Fluoranthene	12.813	202	1132909	38.056	ng	98
77) Benzidine	12.930	184	193841	18.449	ng	99
78) Pyrene	13.042	202	1140736	47.192	ng	100
80) Butylbenzylphthalate	13.654	149	457695	42.857	ng	94
81) Benzo(a)anthracene	14.236	228	834053	39.680	ng	99
82) 3,3'-Dichlorobenzidine	14.195	252	233311	34.849	ng	98
83) Chrysene	14.277	228	783456	39.805	ng	99
84) Bis(2-ethylhexyl)phtha...	14.207	149	568610	39.391	ng	99
85) Di-n-octyl phthalate	14.836	149	774683	32.903	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.442	276	892618	47.881	ng	96
88) Benzo(b)fluoranthene	15.348	252	674120m	37.800	ng	
89) Benzo(k)fluoranthene	15.377	252	688539	40.447	ng	98
90) Benzo(a)pyrene	15.748	252	665780	40.090	ng	99
91) Dibenzo(a,h)anthracene	17.465	278	732211	48.852	ng	97
92) Benzo(g,h,i)perylene	17.942	276	757349	48.910	ng	96

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

Manual Integrations

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

TIC: BF132388.D\data.ms

Abundance

Time-->

1,4-Dioxane

p-Nitrosodimethylamine

2-Fluorophenol, S

Benzaldehyde

Phenol-d6, S

1,1-Dichlorobenzene

1,2-Dichlorobenzene

2,2'-oxybis(1-chloropropane)

2-Methylphenol

3,4-Methylenediphenylamine, P

Nitrobenzene

Nitrobenzene-d5, S

Hexachloroethane

Isophorone

2,4-Dimethylphenol

2,4-Dichlorophenol

2,4-Dichlorophenyl isocyanate

Hexachlorobutadiene

Caprolactam

4-Chloro-3-methylphenol, C

Hexachlorocyclopentadiene

1,2,4,5-Tetrachlorobenzene

2,2,4,4-Tetrachlorobutane

2-Chloronaphthalene

1,1'-Biphenyl

2-Chloronaphthalene

Acenaphthylene

Acenaphthene, C

Dibenzofuran

2,3,4,6-Tetrachlorophenol

2,3,4,6-Tetrachlorophenyl isocyanate

4-Chlorophenyl isocyanate

4-Chlorophenylamine, C

Azobenzene

1,3-Triisopropylbenzene

4-Hydroxyphenyl ether

4-Hydroxyphenylphenyl ether

Pentachlorophenol, C

Phenanthrene-d10

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidine

Bis(2-chlorophenyl) ether

Di-n-octyl phthalate, c

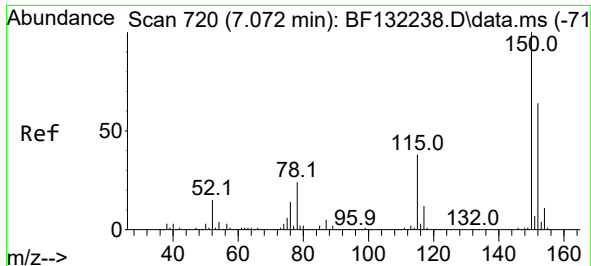
Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12, T

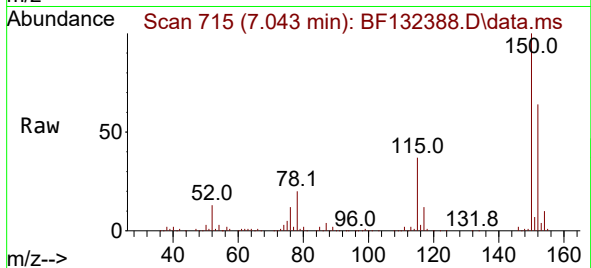
Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.043 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132388.D
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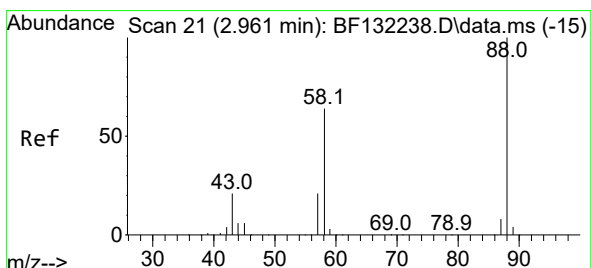
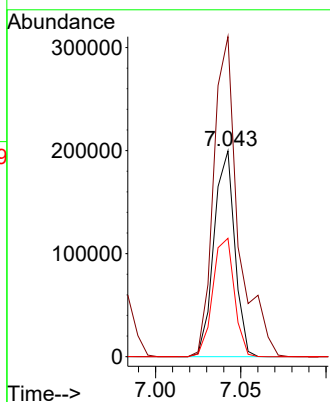
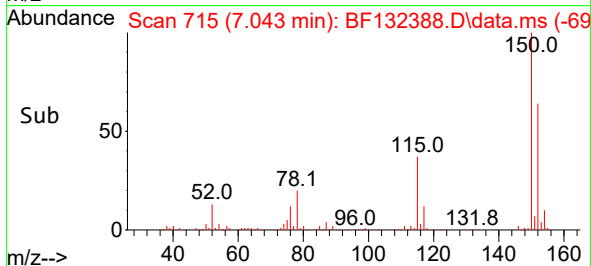
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 169828
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 57.5 47.3 70.9

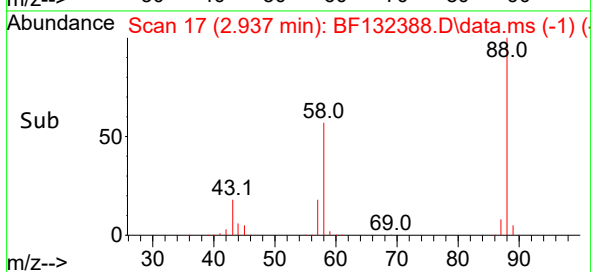
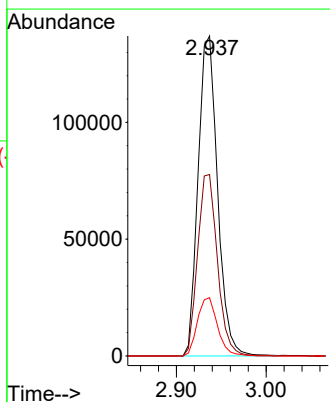
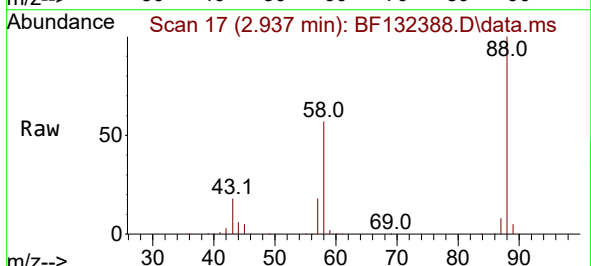
Manual Integrations
APPROVED

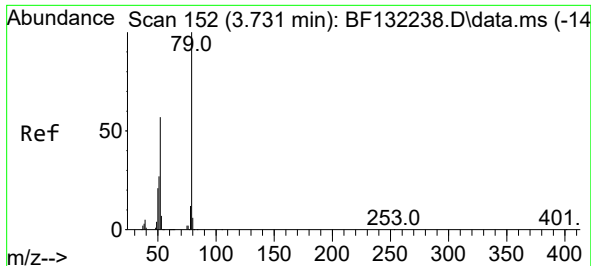
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#2
1,4-Dioxane
Concen: 41.542 ng
RT: 2.937 min Scan# 17
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

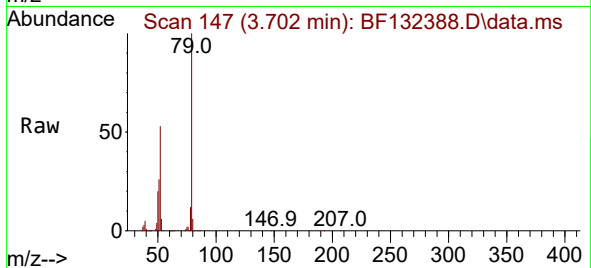
Tgt Ion: 88 Resp: 206521
Ion Ratio Lower Upper
88 100
58 57.6 50.2 75.2
43 18.7 16.9 25.3





#3
Pyridine
Concen: 37.853 ng
RT: 3.702 min Scan# 147
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

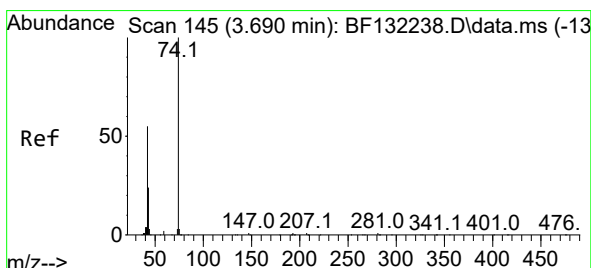
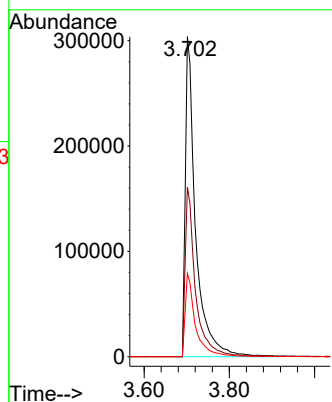
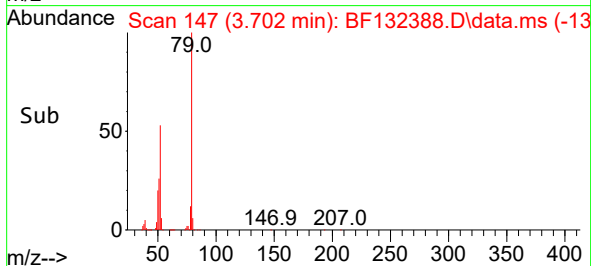
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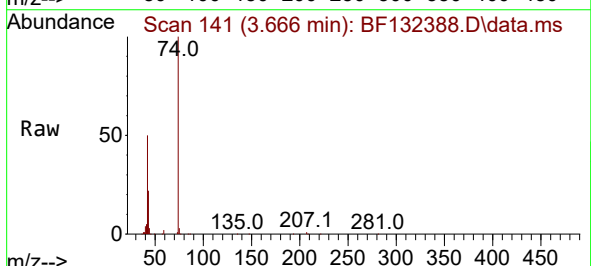
Tgt Ion: 79 Resp: 51051
Ion Ratio Lower Upper
79 100
52 53.0 45.6 68.4
51 25.9 21.5 32.3

Manual Integrations
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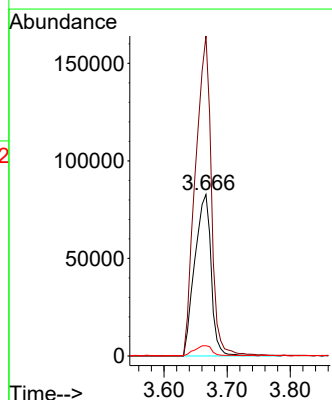
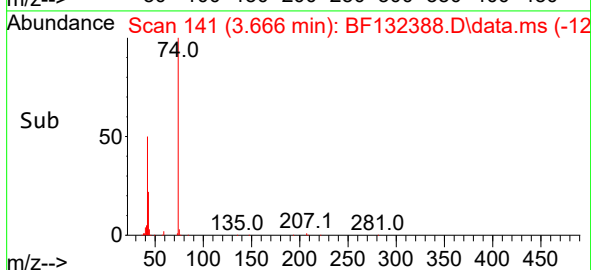
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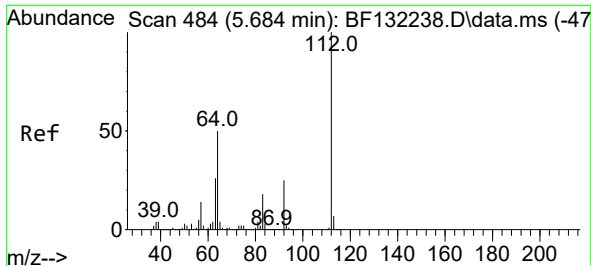


#4
n-Nitrosodimethylamine
Concen: 34.547 ng
RT: 3.666 min Scan# 141
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



Tgt Ion: 42 Resp: 149089
Ion Ratio Lower Upper
42 100
74 198.2 144.6 217.0
44 6.4 5.1 7.7





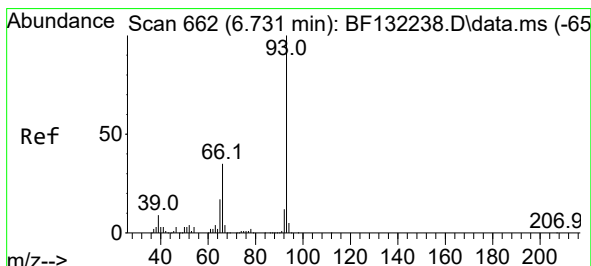
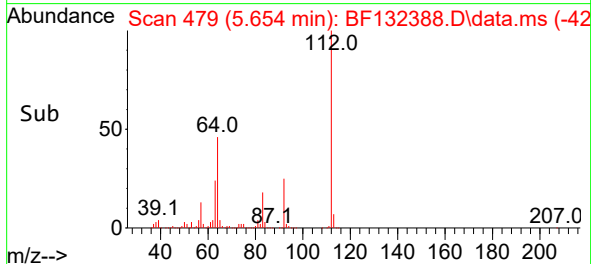
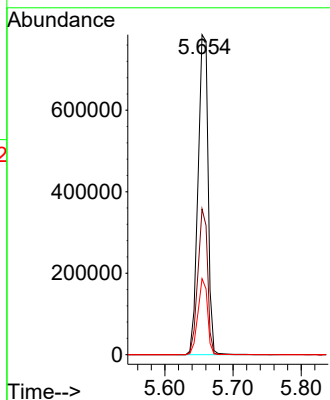
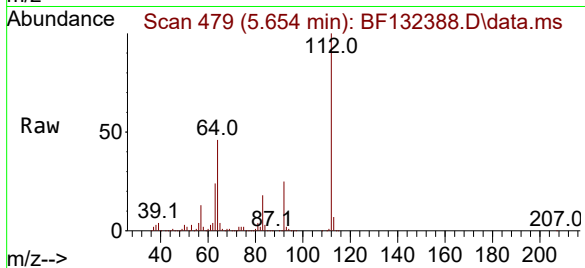
#5
2-Fluorophenol
Concen: 76.234 ng
RT: 5.654 min Scan# 41
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

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BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 80544
Ion Ratio Lower Upper
112 100
64 45.5 40.0 60.0
63 23.8 20.5 30.7

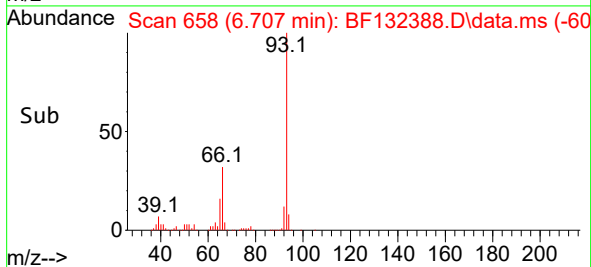
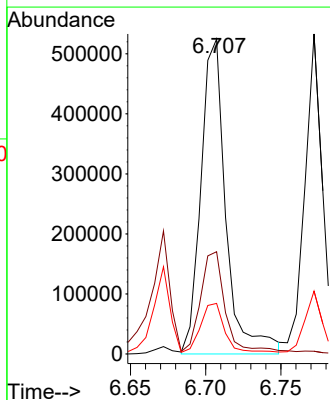
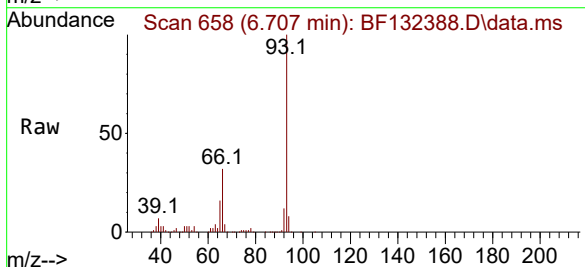
Manual Integrations
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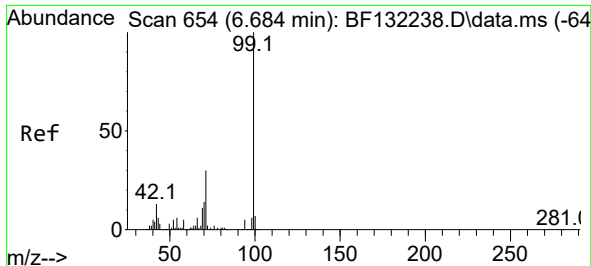
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#6
Aniline
Concen: 34.381 ng m
RT: 6.707 min Scan# 658
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion: 93 Resp: 607712
Ion Ratio Lower Upper
93 100
66 32.5 28.8 43.2
65 16.1 14.2 21.4





#7

Phenol-d6

Concen: 73.170 ng

RT: 6.660 min Scan# 61

Delta R.T. 0.000 min

Lab File: BF132388.D

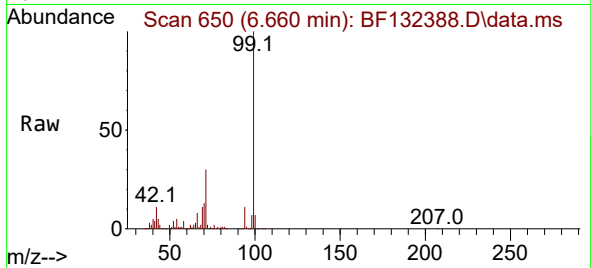
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ClientSampleId :

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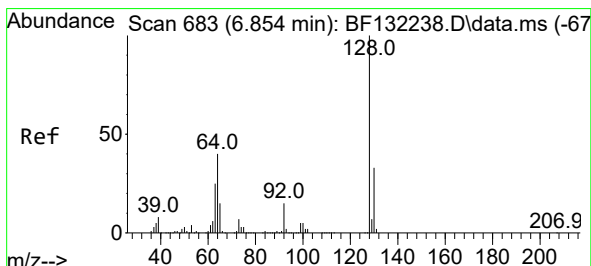
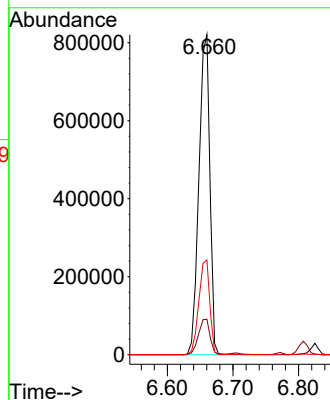
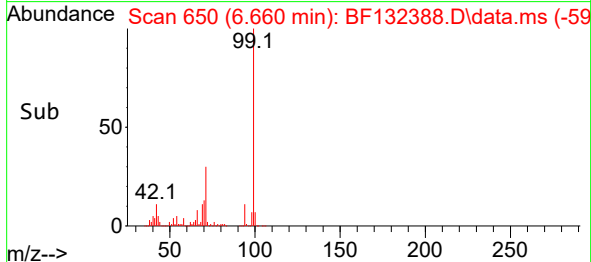
Tgt Ion: 99 Resp: 95308

Ion	Ratio	Lower	Upper
99	100		
42	11.0	10.1	15.1
71	29.6	24.2	36.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.158 ng

RT: 6.825 min Scan# 678

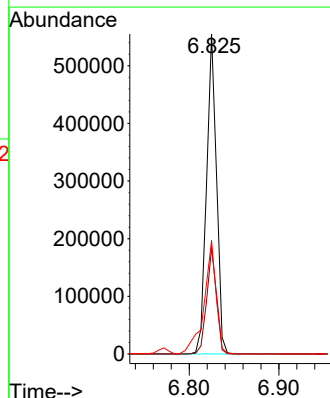
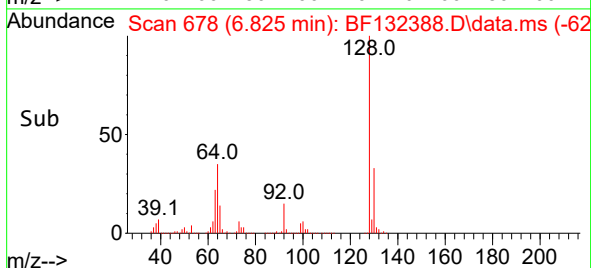
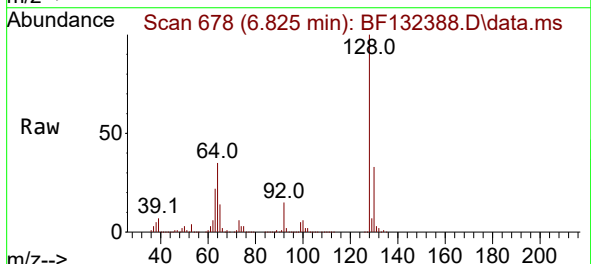
Delta R.T. 0.000 min

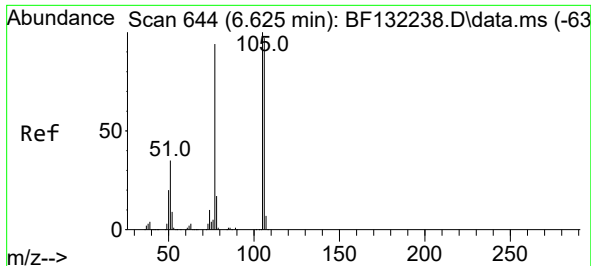
Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Tgt Ion:128 Resp: 428490

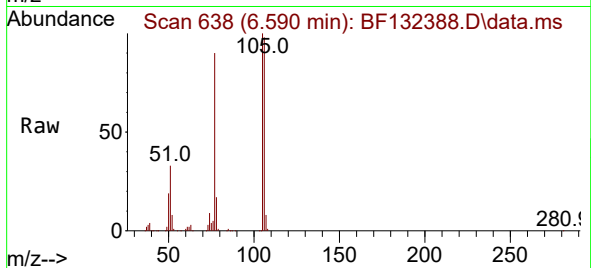
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.3	53.3
64	35.4	20.1	60.1





#9
Benzaldehyde
Concen: 22.726 ng
RT: 6.590 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

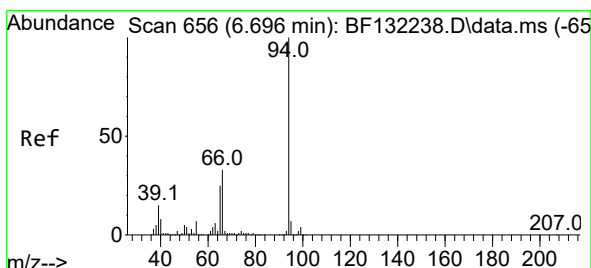
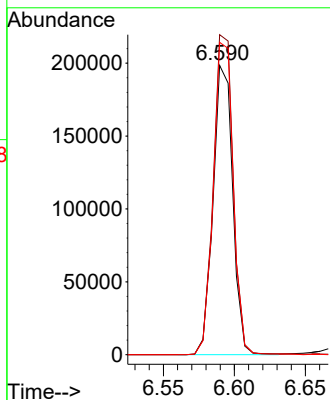
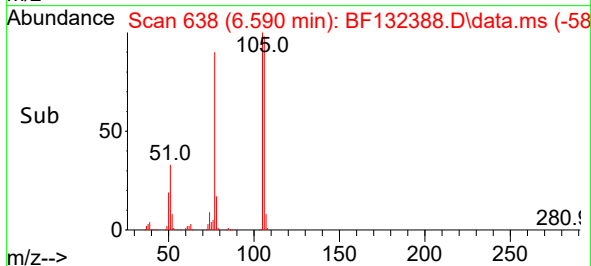
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 19022
Ion Ratio Lower Upper
77 100
105 110.6 86.8 126.8
106 107.9 83.8 123.8

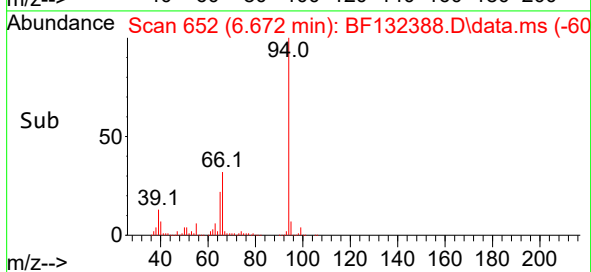
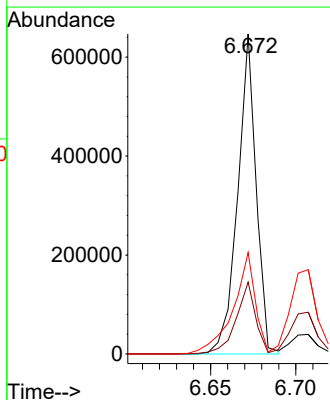
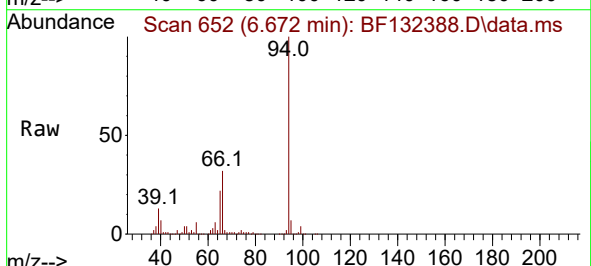
Manual Integrations
APPROVED

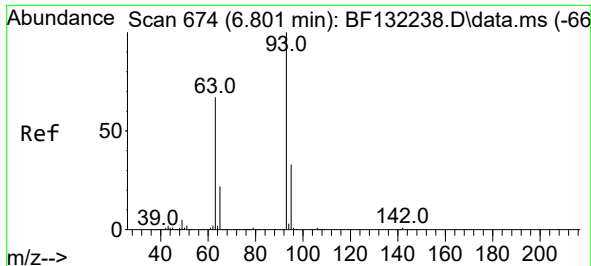
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#10
Phenol
Concen: 36.186 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion: 94 Resp: 487860
Ion Ratio Lower Upper
94 100
65 22.4 5.1 45.1
66 31.7 13.0 53.0





#11

bis(2-Chloroethyl)ether

Concen: 37.046 ng

RT: 6.772 min Scan# 6

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 411054

Ion Ratio Lower Upper

93 100

63 59.4 46.7 86.7

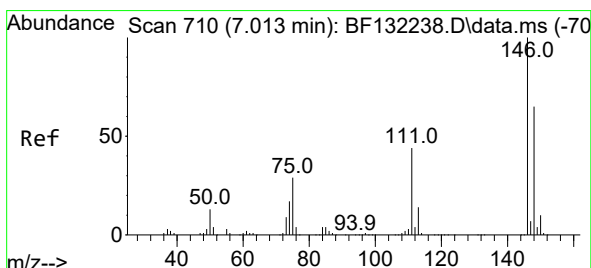
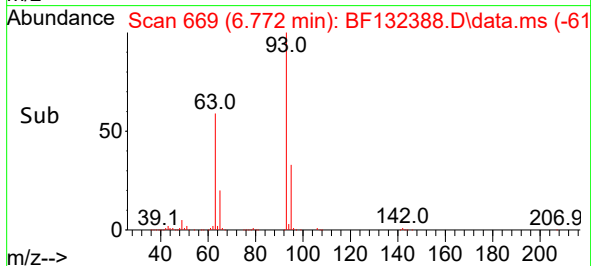
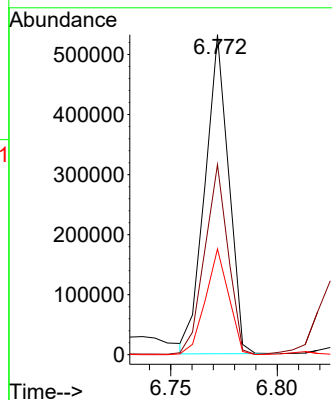
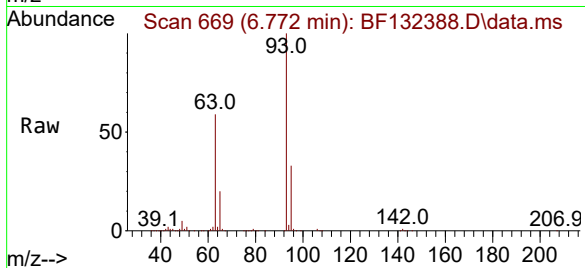
95 33.1 13.4 53.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#12

1,3-Dichlorobenzene

Concen: 39.414 ng

RT: 6.984 min Scan# 705

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

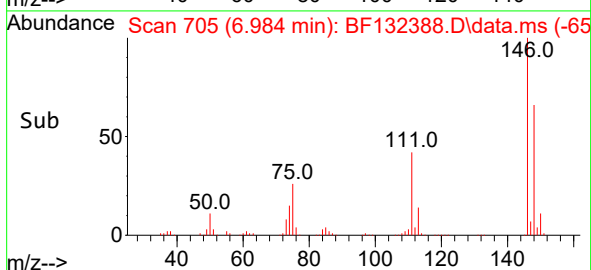
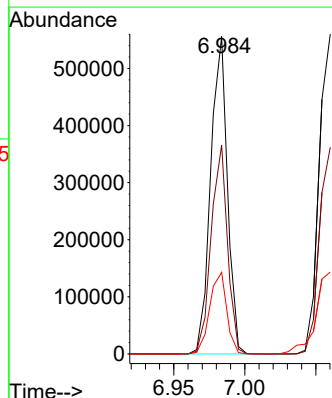
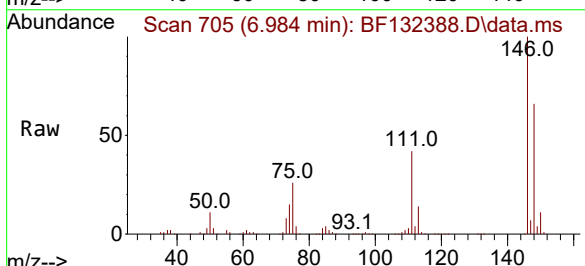
Tgt Ion:146 Resp: 456153

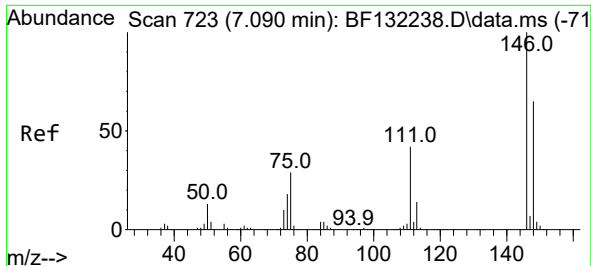
Ion Ratio Lower Upper

146 100

148 65.9 51.8 77.8

75 25.7 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 39.740 ng

RT: 7.060 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 459100

Ion Ratio Lower Upper

146 100

148 64.6 52.4 78.6

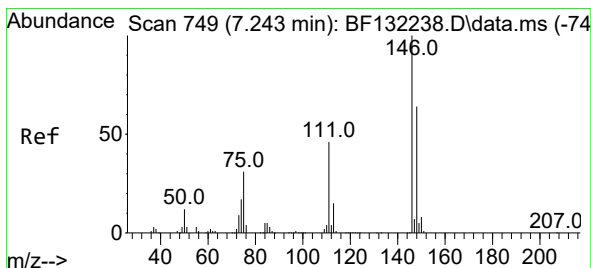
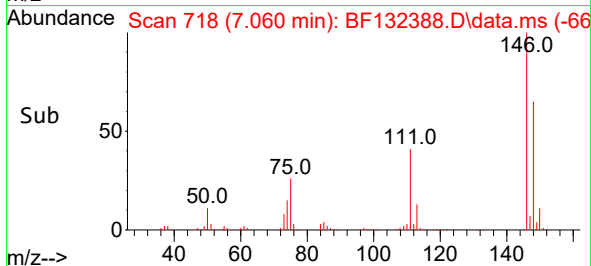
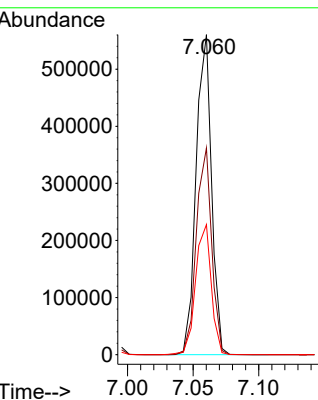
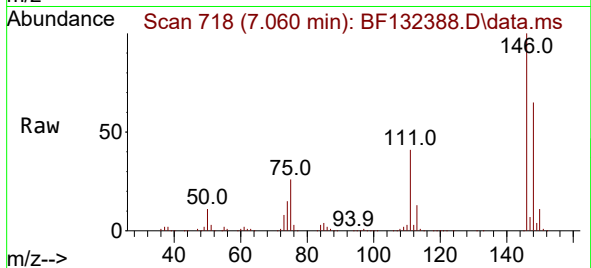
111 40.7 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#14

1,2-Dichlorobenzene

Concen: 39.057 ng

RT: 7.213 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

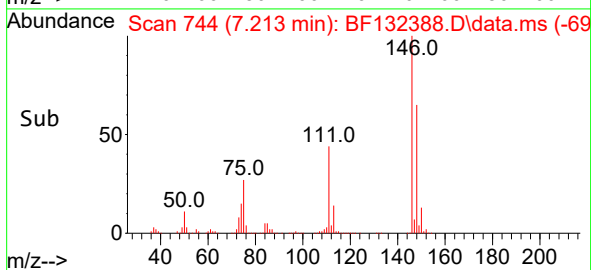
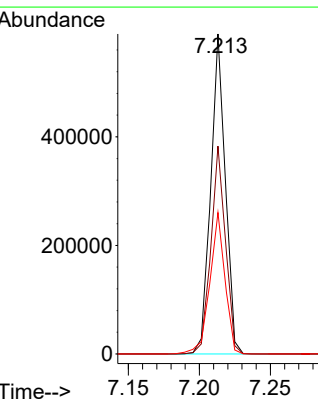
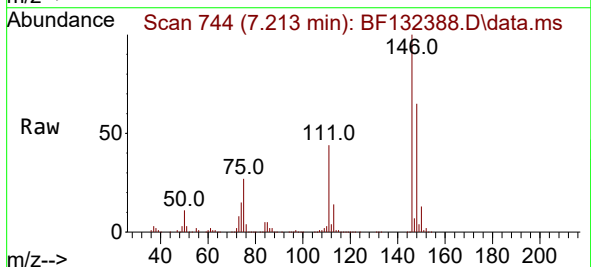
Tgt Ion:146 Resp: 420798

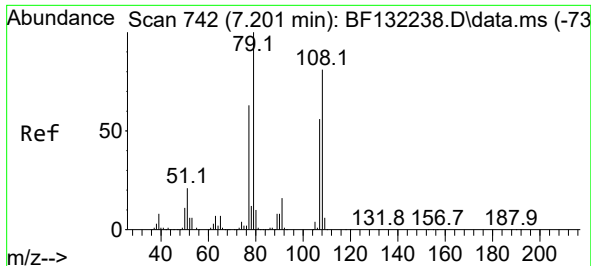
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

111 44.2 37.1 55.7





#15

Benzyl Alcohol

Concen: 34.151 ng

RT: 7.178 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

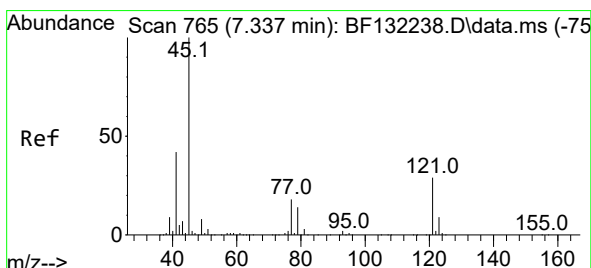
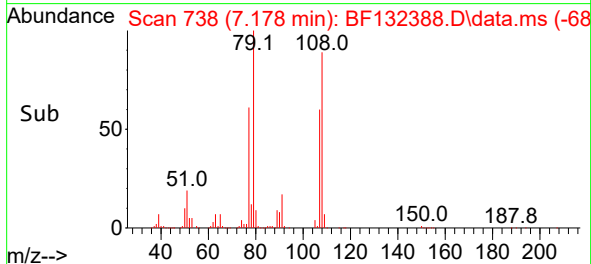
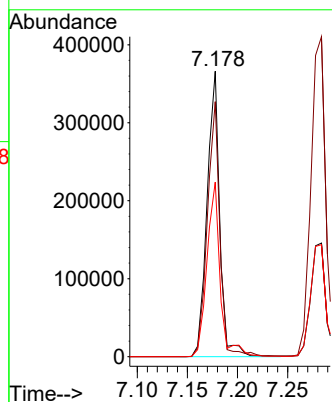
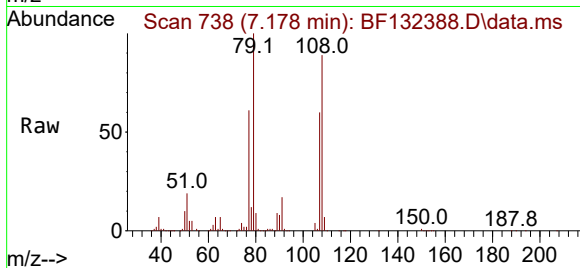
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 32458
 Ion Ratio Lower Upper
 79 100
 108 89.4 64.6 97.0
 77 61.2 50.1 75.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.081 ng

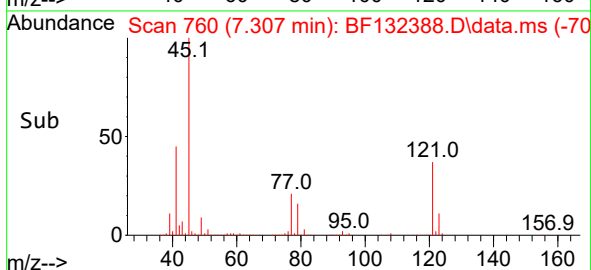
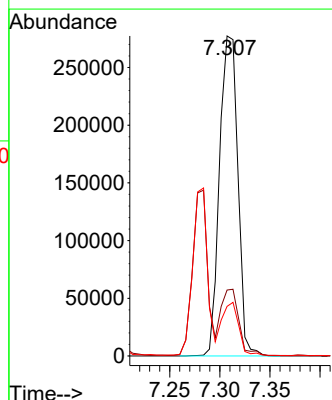
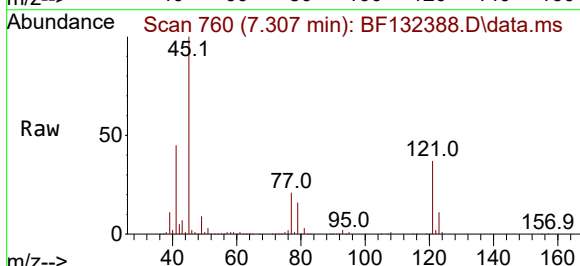
RT: 7.307 min Scan# 760

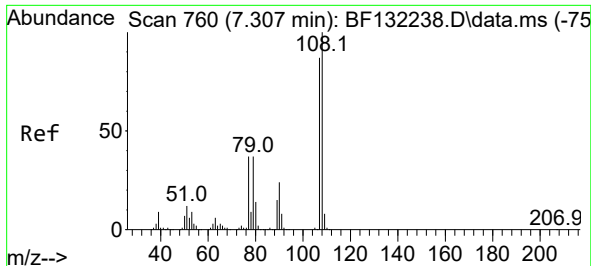
Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

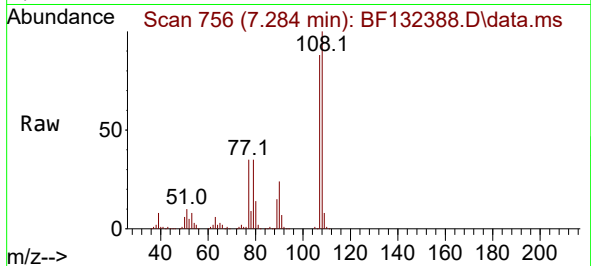
Tgt Ion: 45 Resp: 351652
 Ion Ratio Lower Upper
 45 100
 77 20.6 0.0 38.0
 79 15.5 0.0 33.8





#17
2-Methylphenol
Concen: 37.300 ng
RT: 7.284 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

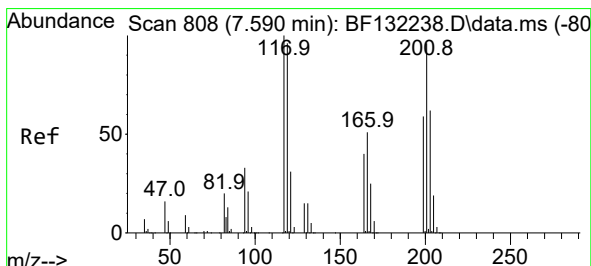
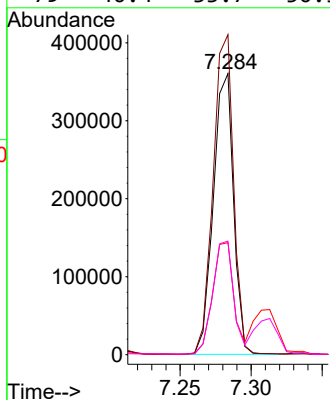
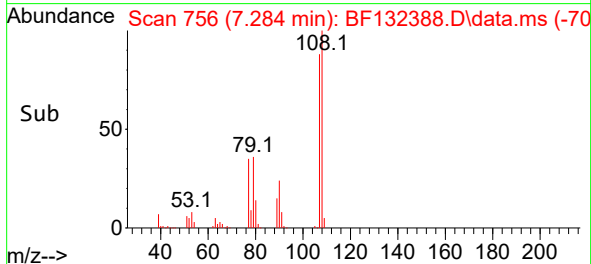
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 357289
Ion Ratio Lower Upper
107 100
108 113.8 91.8 137.6
77 39.8 34.2 51.2
79 40.4 33.7 50.5

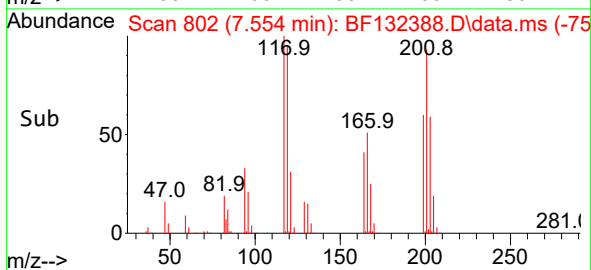
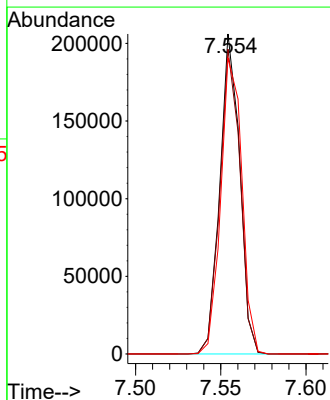
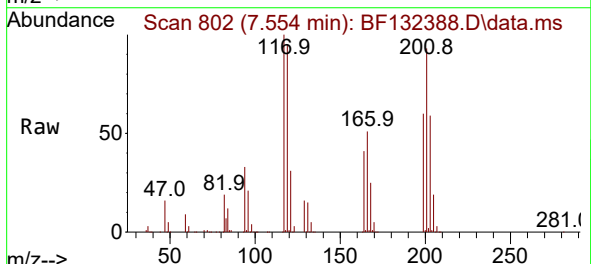
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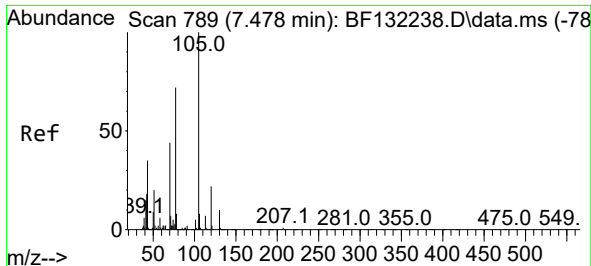
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#18
Hexachloroethane
Concen: 38.600 ng
RT: 7.554 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

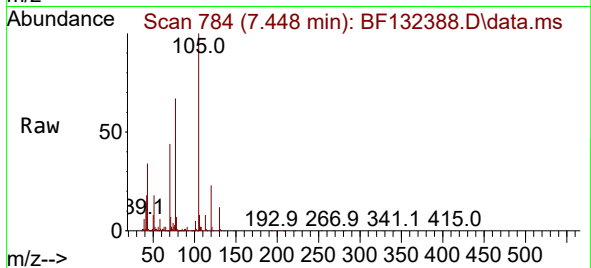
Tgt Ion:117 Resp: 167286
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
201 92.5 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 31.180 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

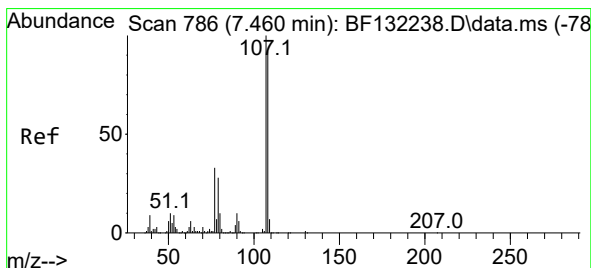
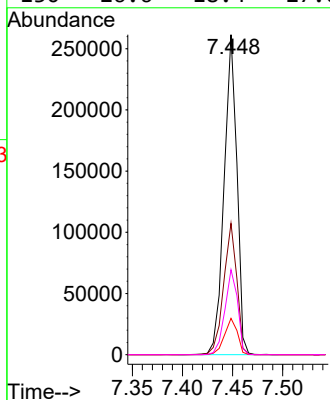
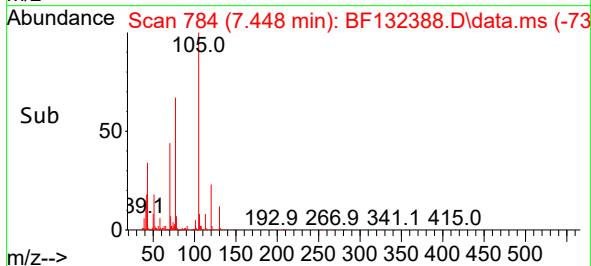
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



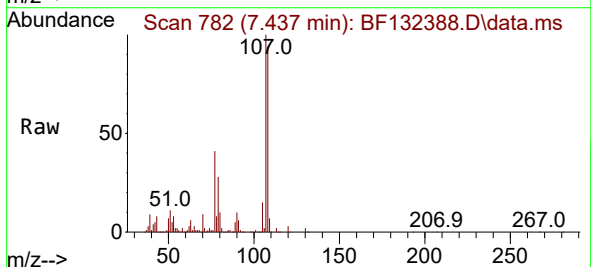
Tgt Ion: 70 Resp: 230698
Ion Ratio Lower Upper
70 100
42 41.1 33.4 50.0
101 11.3 8.2 12.4
130 26.6 18.4 27.6

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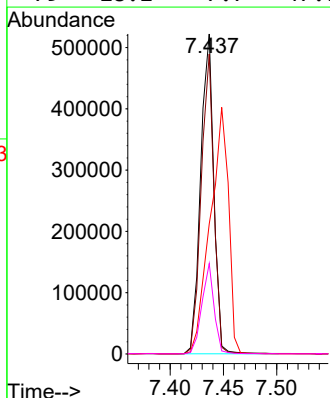
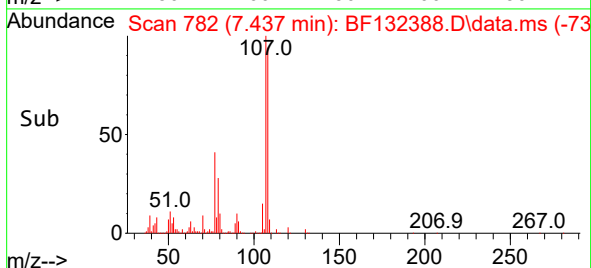
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

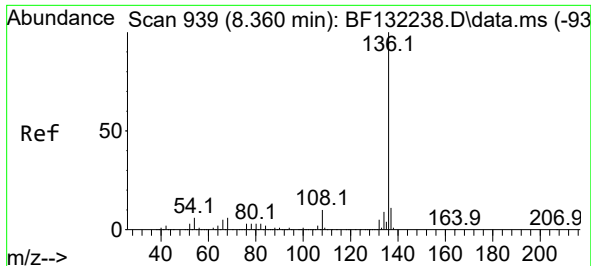


#20
3+4-Methylphenols
Concen: 36.811 ng
RT: 7.437 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



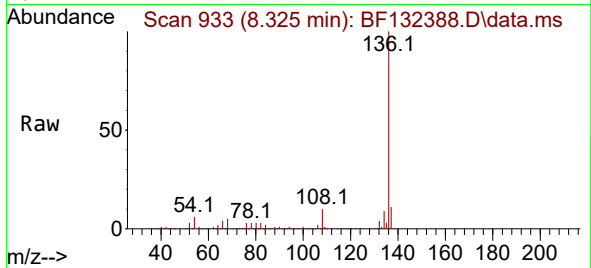
Tgt Ion:107 Resp: 450040
Ion Ratio Lower Upper
107 100
108 93.8 71.6 111.6
77 40.6 13.4 53.4
79 28.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.325 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

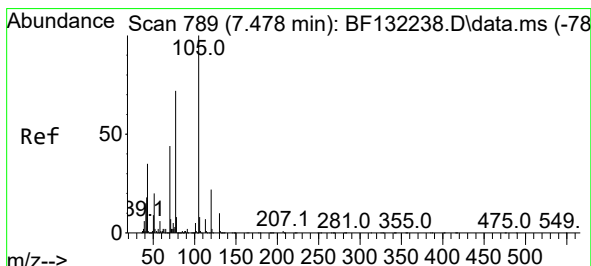
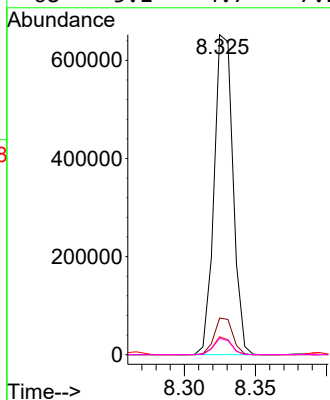
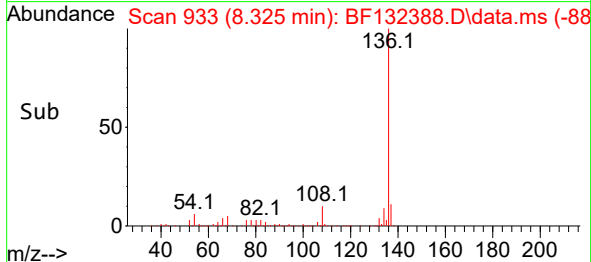
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 602498
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.6 4.9 7.3
68 5.1 4.7 7.1

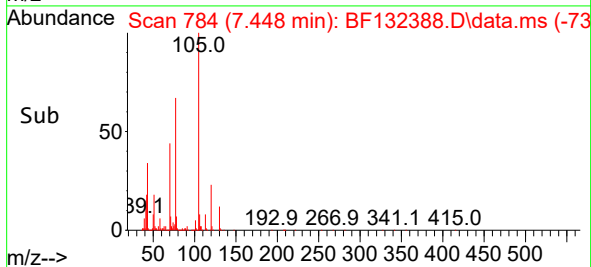
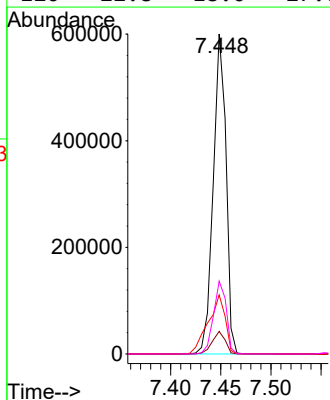
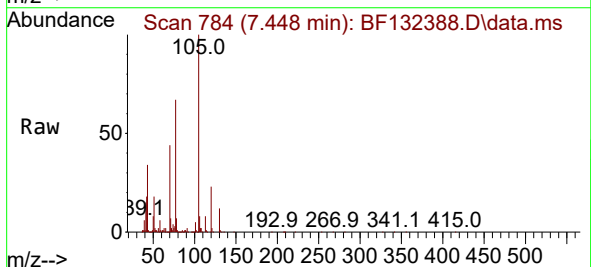
Manual Integrations
APPROVED

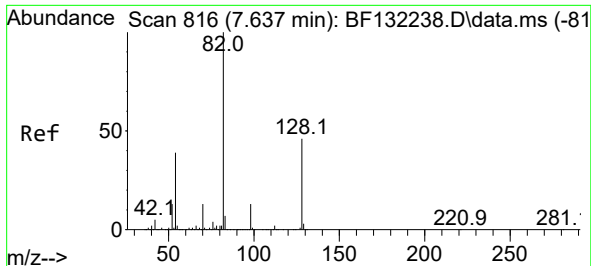
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#22
Acetophenone
Concen: 37.507 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

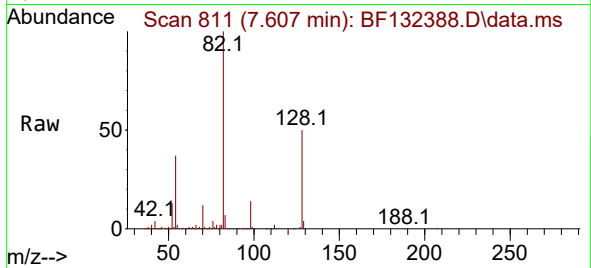
Tgt Ion:105 Resp: 531439
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.6
51 18.4 16.2 24.2
120 22.8 18.0 27.0





#23
Nitrobenzene-d5
Concen: 72.343 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

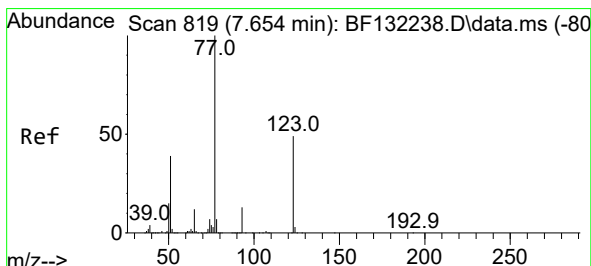
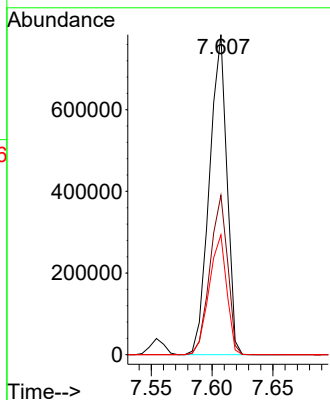
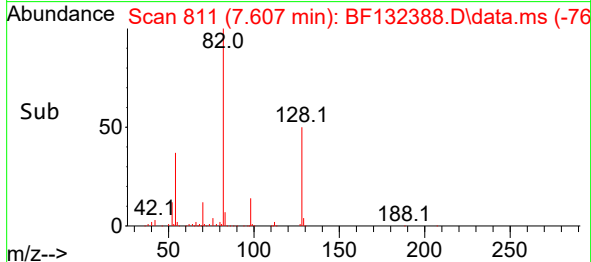
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 783268
Ion Ratio Lower Upper
82 100
128 49.8 37.0 55.4
54 37.5 31.5 47.3

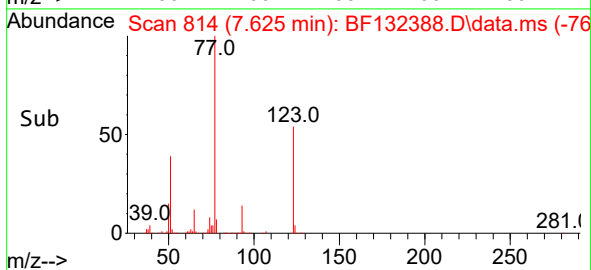
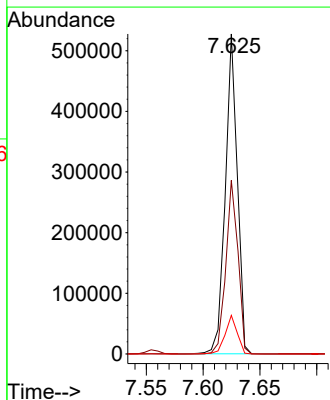
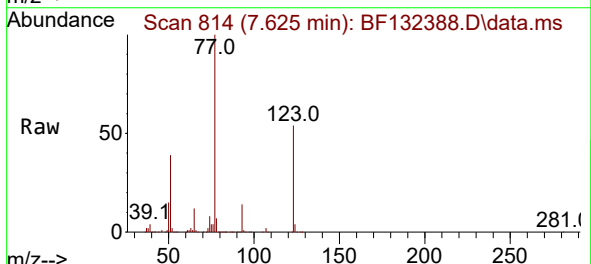
Manual Integrations
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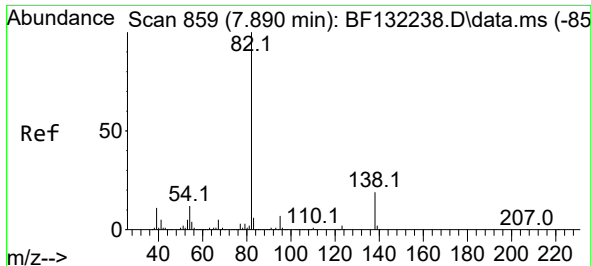
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#24
Nitrobenzene
Concen: 35.186 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion: 77 Resp: 389198
Ion Ratio Lower Upper
77 100
123 54.3 39.5 59.3
65 12.0 9.8 14.8





#25
Isophorone
Concen: 34.681 ng
RT: 7.860 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

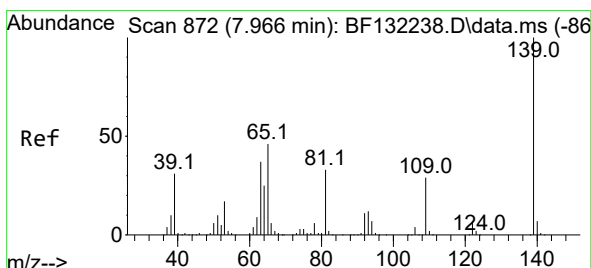
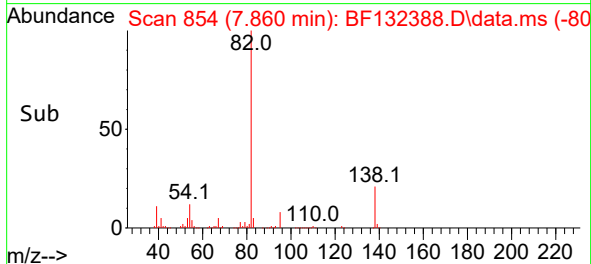
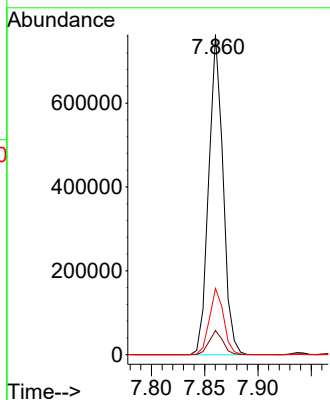
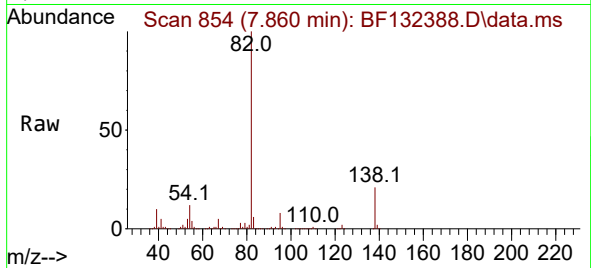
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 71268
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 20.7 15.0 22.6

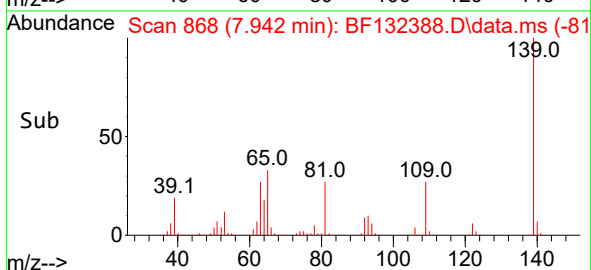
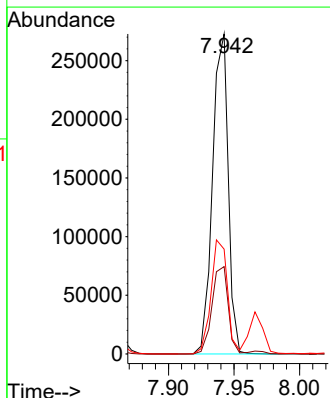
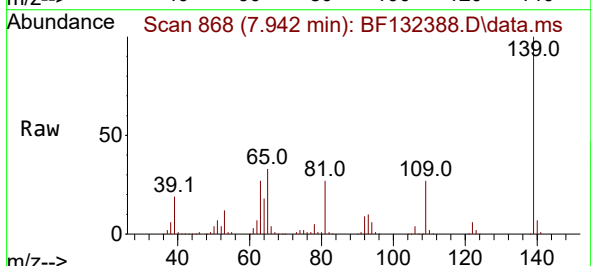
Manual Integrations
APPROVED

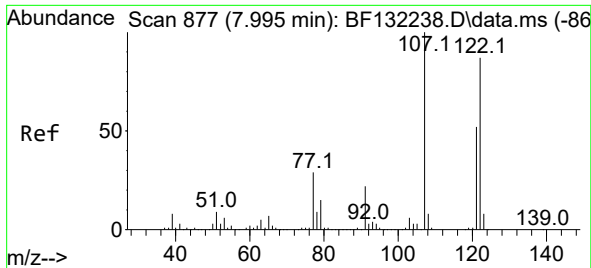
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#26
2-Nitrophenol
Concen: 41.958 ng
RT: 7.942 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion:139 Resp: 226063
Ion Ratio Lower Upper
139 100
109 27.3 23.0 34.6
65 32.8 36.6 55.0#





#27
2,4-Dimethylphenol
Concen: 38.974 ng
RT: 7.966 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

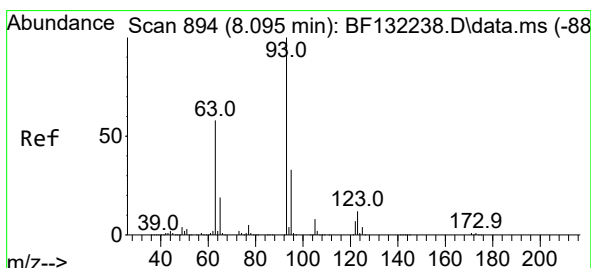
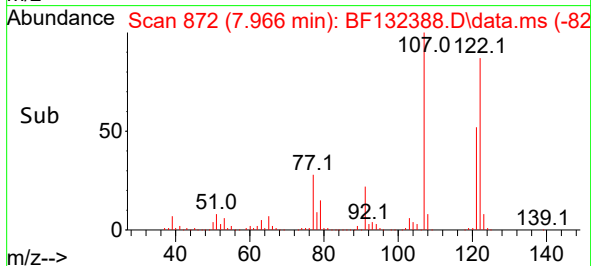
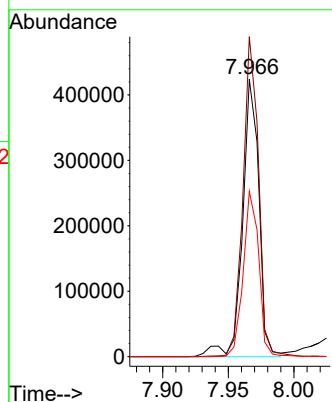
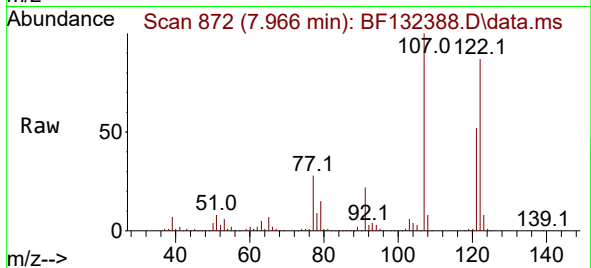
ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 36754
Ion Ratio Lower Upper
122 100
107 115.4 91.9 137.9
121 59.6 47.8 71.8

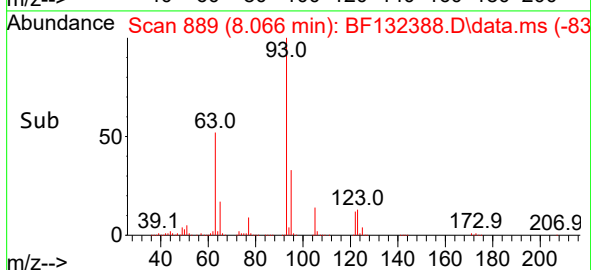
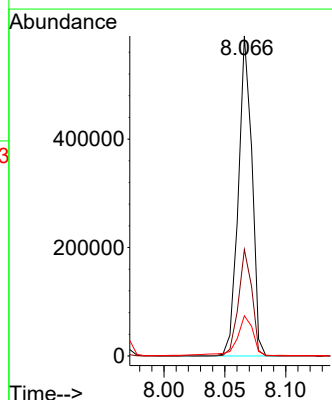
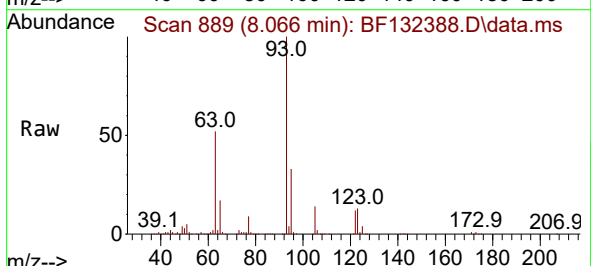
Manual Integrations
APPROVED

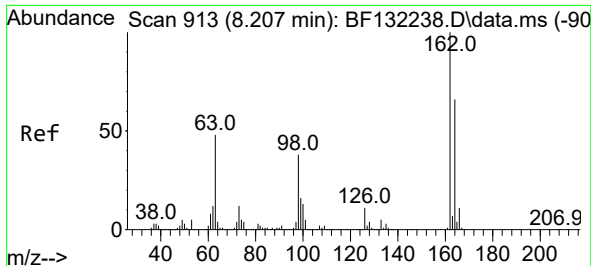
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 36.207 ng
RT: 8.066 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion: 93 Resp: 457244
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.384 ng

RT: 8.178 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

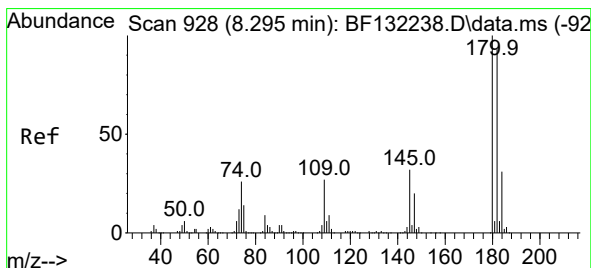
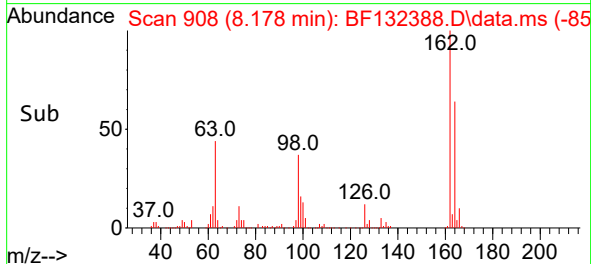
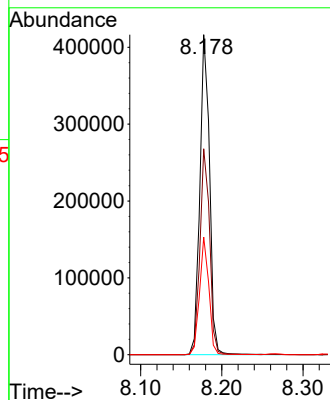
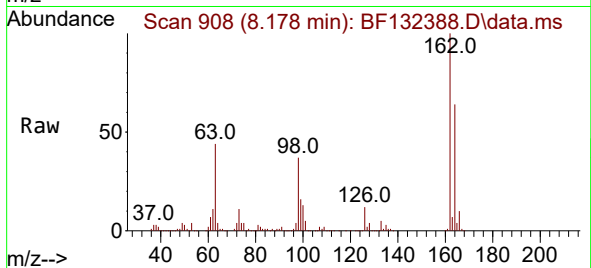
SSTDCCC040

Tgt Ion:162 Resp: 346498
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.4 86.4
 98 36.8 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.461 ng

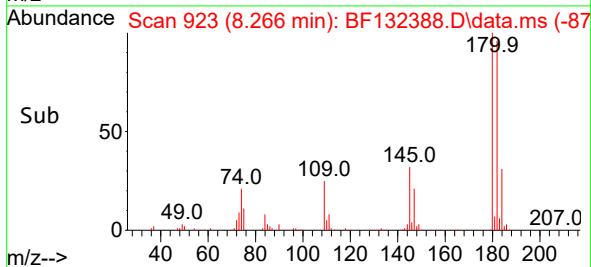
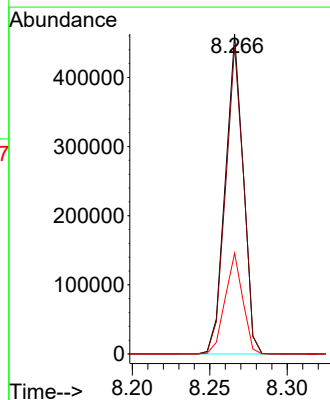
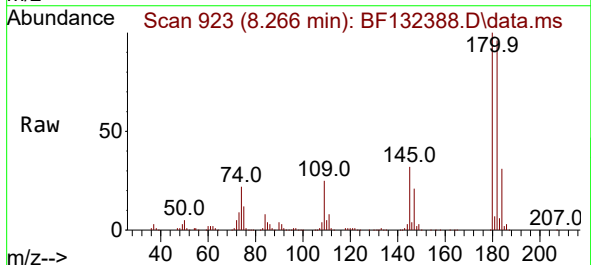
RT: 8.266 min Scan# 923

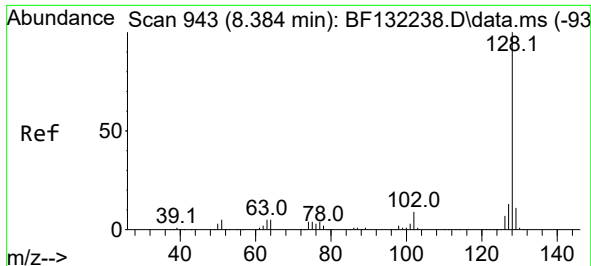
Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Tgt Ion:180 Resp: 371735
 Ion Ratio Lower Upper
 180 100
 182 96.5 74.6 112.0
 145 31.5 25.3 37.9





#31

Naphthalene

Concen: 39.542 ng

RT: 8.354 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 117268

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

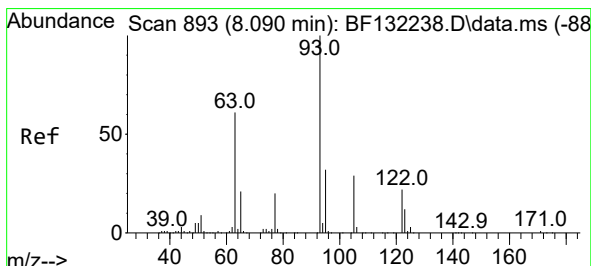
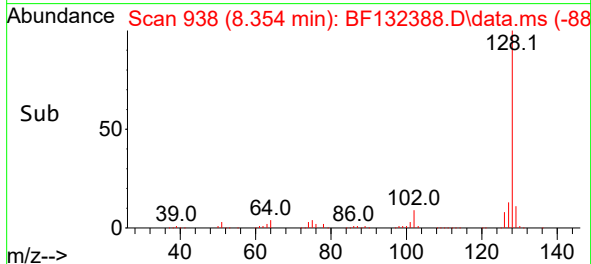
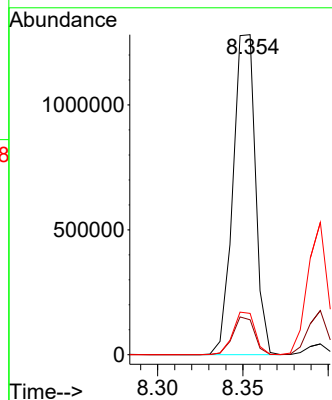
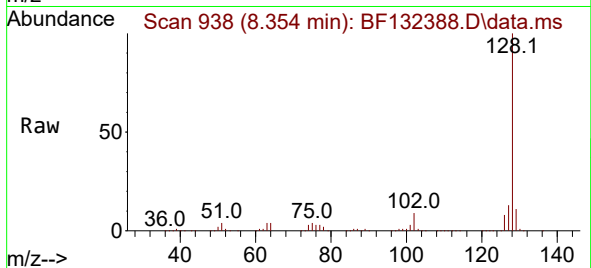
127 12.9 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#32

Benzoic acid

Concen: 34.244 ng m

RT: 8.072 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

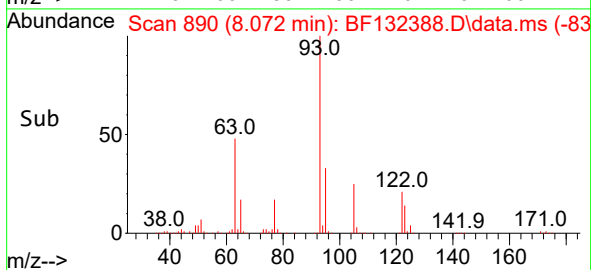
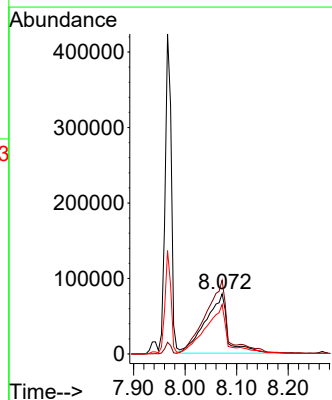
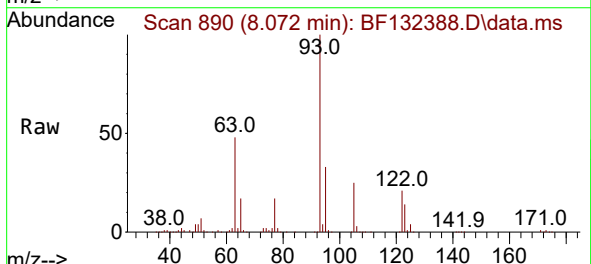
Tgt Ion:122 Resp: 239038

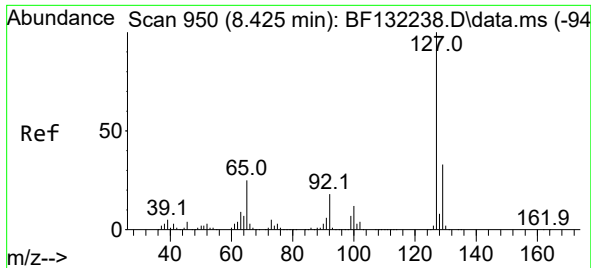
Ion Ratio Lower Upper

122 100

105 122.7 106.3 146.3

77 82.2 70.6 110.6





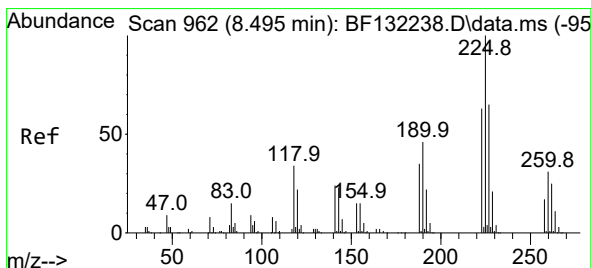
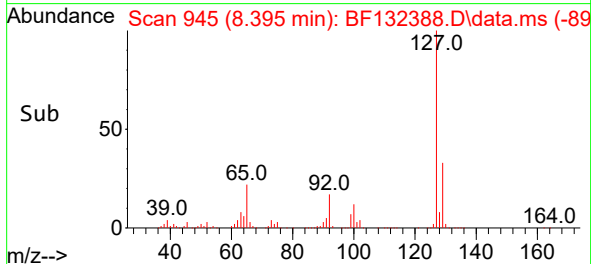
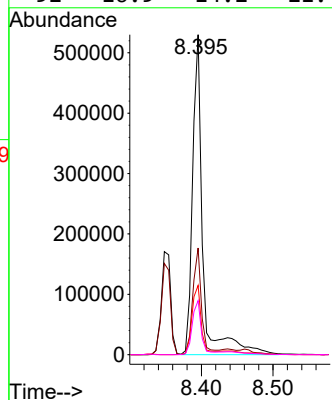
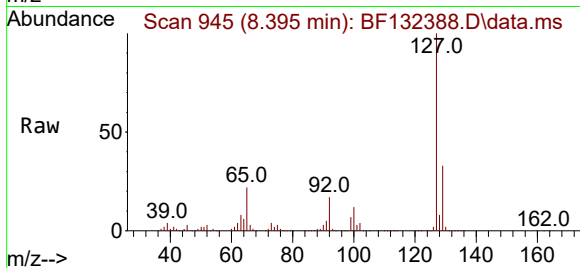
#33
4-Chloroaniline
Concen: 40.268 ng m
RT: 8.395 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 529550
Ion Ratio Lower Upper
127 100
129 33.3 26.6 39.8
65 21.6 20.2 30.2
92 16.9 14.2 21.4

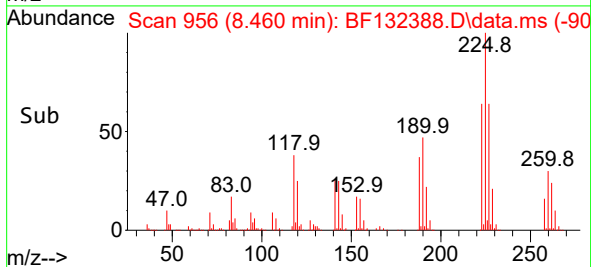
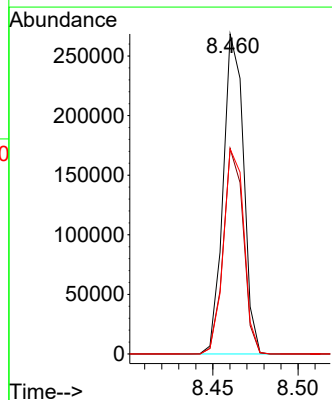
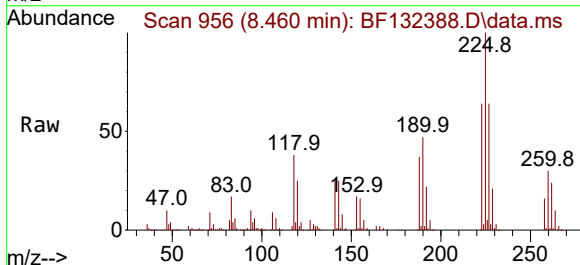
Manual Integrations
APPROVED

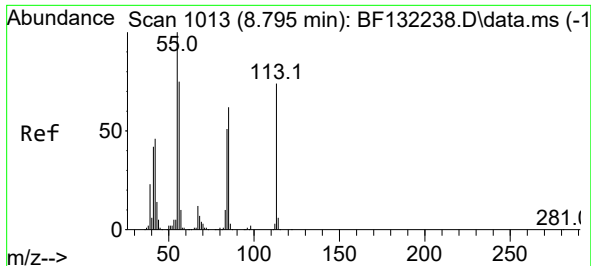
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#34
Hexachlorobutadiene
Concen: 44.323 ng
RT: 8.460 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

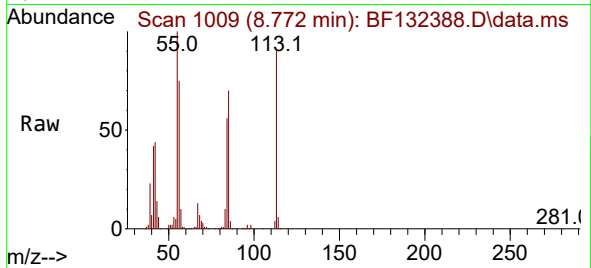
Tgt Ion:225 Resp: 223404
Ion Ratio Lower Upper
225 100
223 64.2 50.6 75.8
227 64.1 51.7 77.5





#35
Caprolactam
Concen: 38.240 ng
RT: 8.772 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

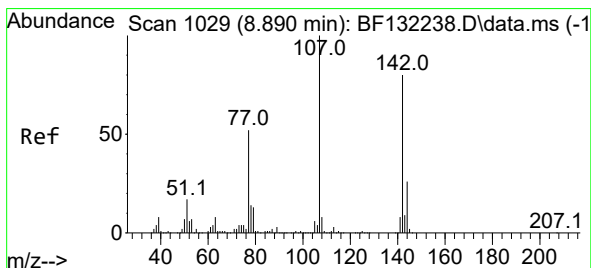
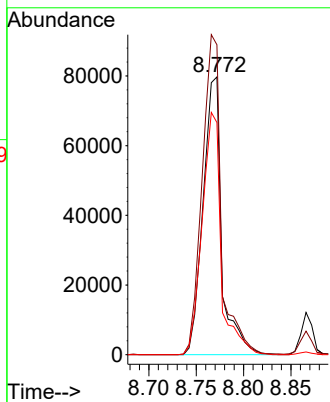
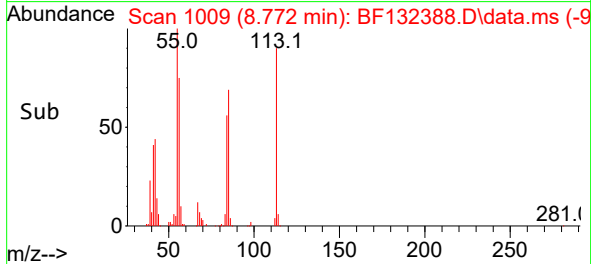
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 109149
Ion Ratio Lower Upper
113 100
55 111.6 114.7 154.7
56 83.6 81.1 121.1

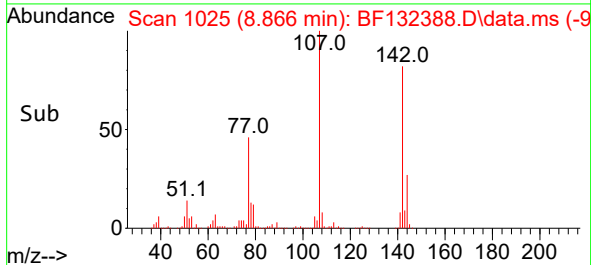
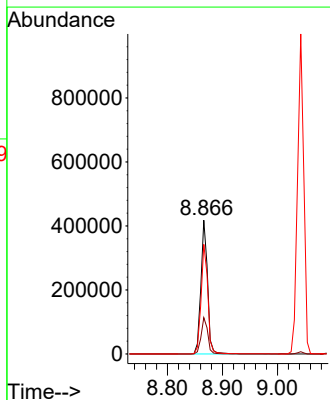
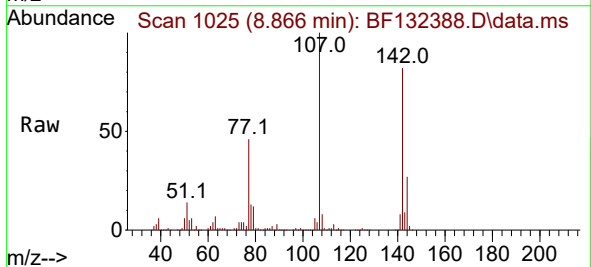
Manual Integrations
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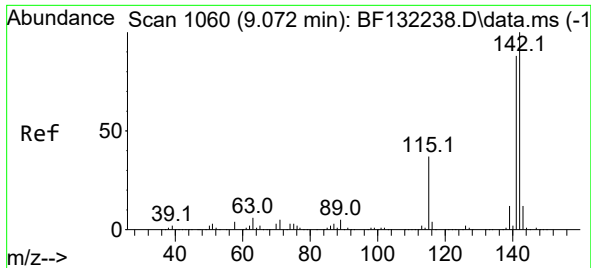
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#36
4-Chloro-3-methylphenol
Concen: 39.145 ng
RT: 8.866 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

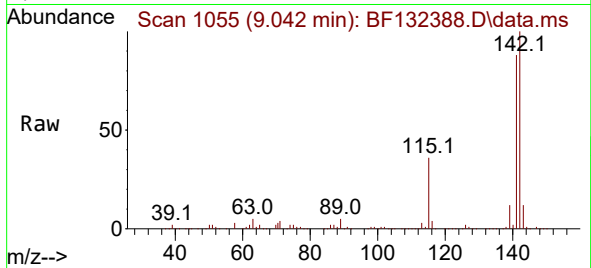
Tgt Ion:107 Resp: 353091
Ion Ratio Lower Upper
107 100
144 27.2 20.5 30.7
142 81.9 63.6 95.4





#37
2-Methylnaphthalene
Concen: 39.095 ng
RT: 9.042 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

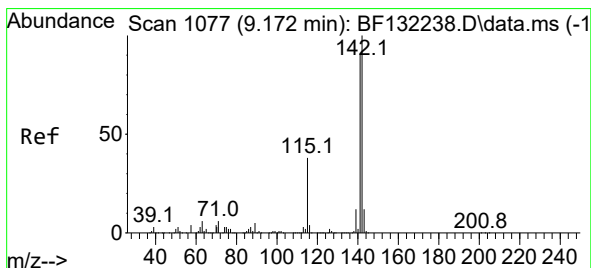
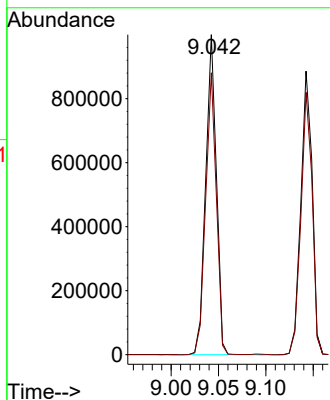
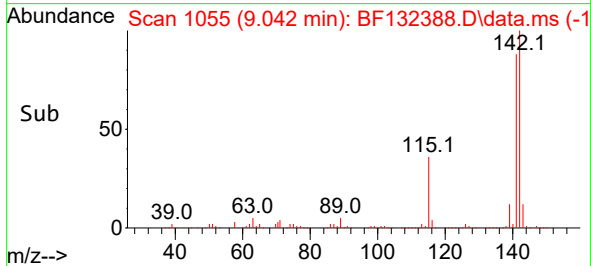
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



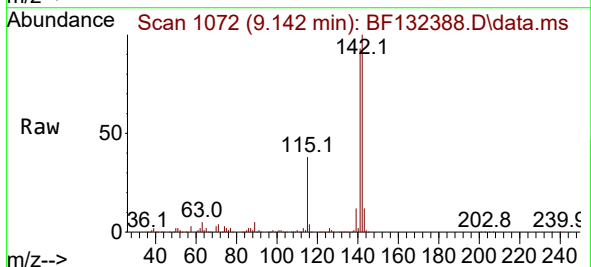
Tgt Ion:142 Resp: 78535
Ion Ratio Lower Upper
142 100
141 88.1 70.1 105.1

Manual Integrations
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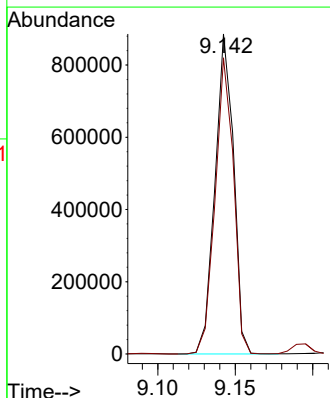
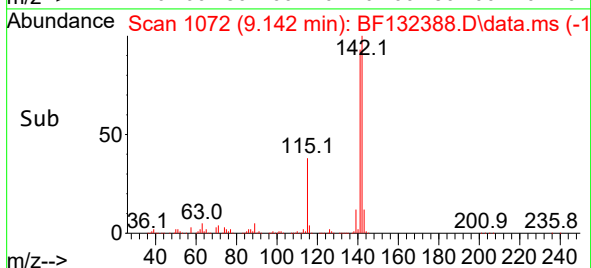
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

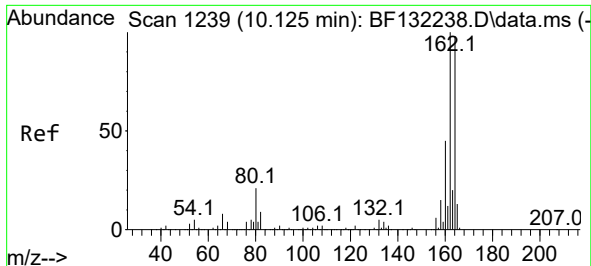


#38
1-Methylnaphthalene
Concen: 39.552 ng
RT: 9.142 min Scan# 1072
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



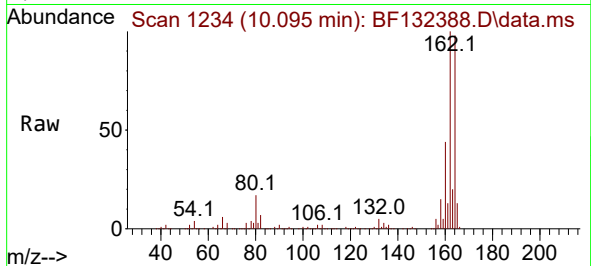
Tgt Ion:142 Resp: 738375
Ion Ratio Lower Upper
142 100
141 92.6 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

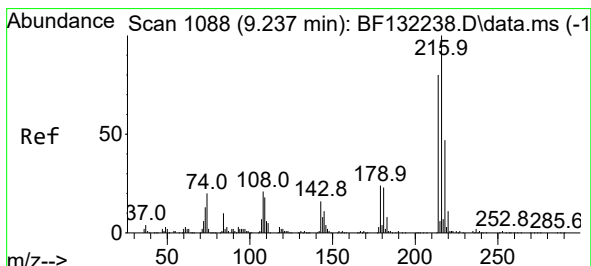
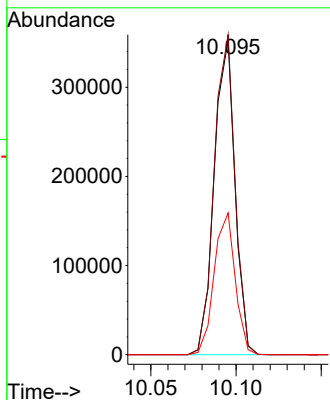
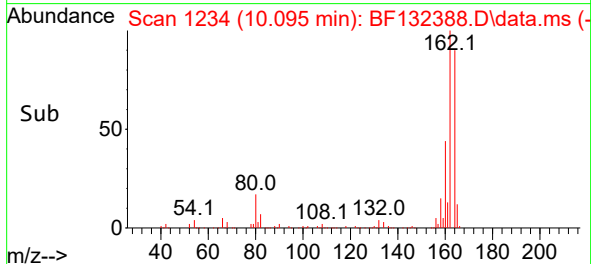
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:164 Resp: 299400
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 45.0 37.1 55.7

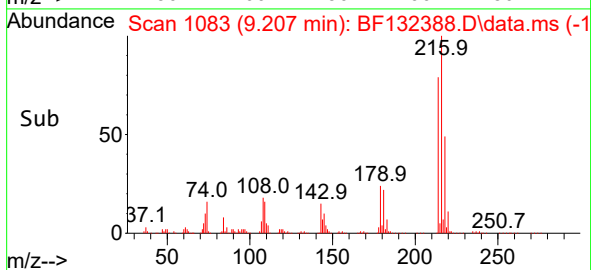
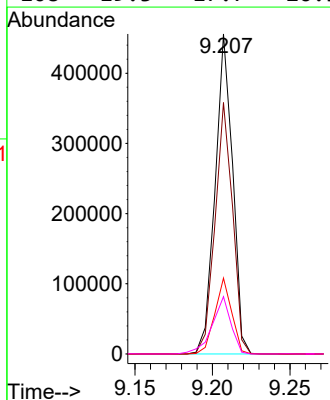
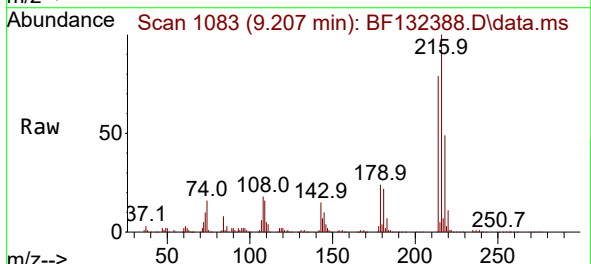
Manual Integrations
APPROVED

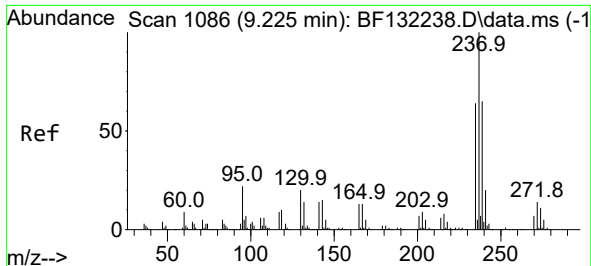
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.371 ng
RT: 9.207 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

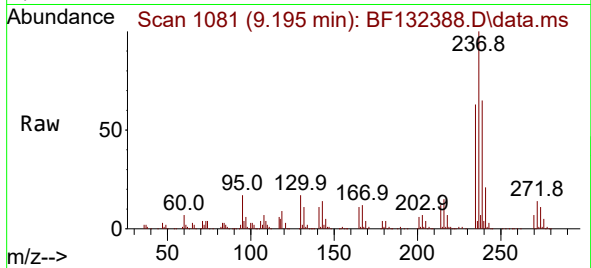
Tgt Ion:216 Resp: 356999
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 23.0 18.3 27.5
108 19.3 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 38.975 ng
RT: 9.195 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

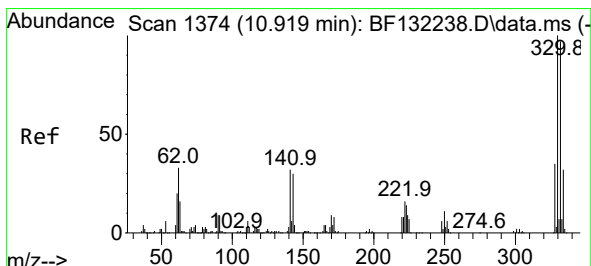
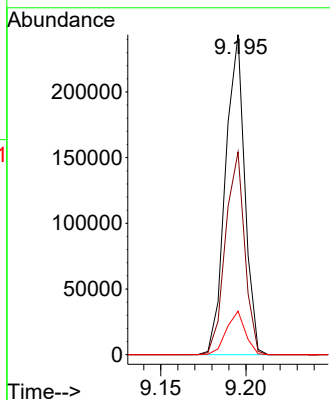
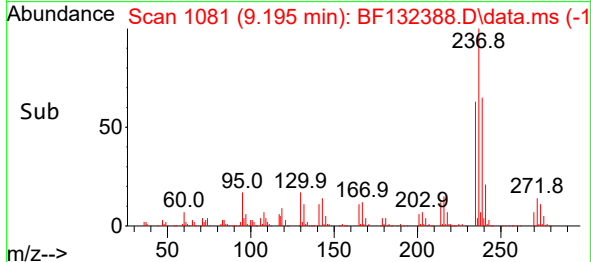
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



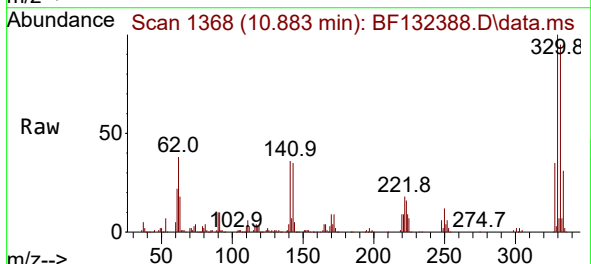
Tgt Ion: 237 Resp: 19159
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.6 0.0 33.6

Manual Integrations
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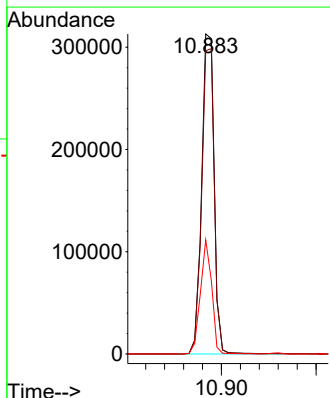
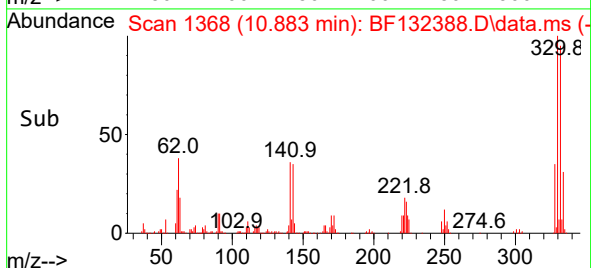
Reviewed By : Christian Giraldo 02/13/2023
Supervised By : Jagrut Upadhyay 02/13/2023

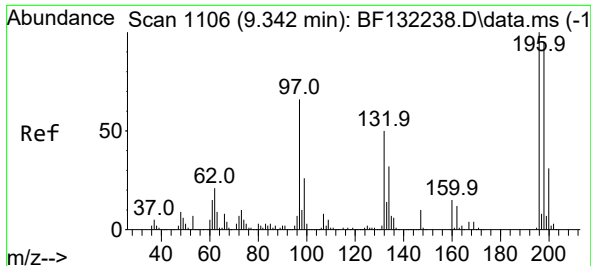


#42
2,4,6-Tribromophenol
Concen: 92.652 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



Tgt Ion: 330 Resp: 285273
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 32.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.664 ng

RT: 9.319 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF132388.D

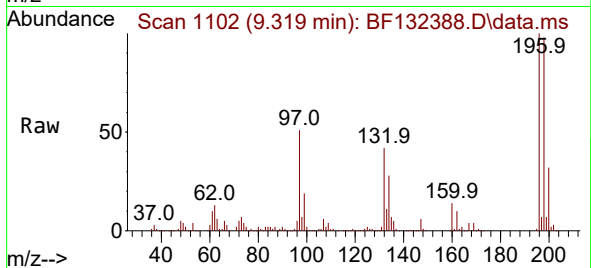
Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 250939

Ion Ratio Lower Upper

196 100

198 97.8 75.9 113.9

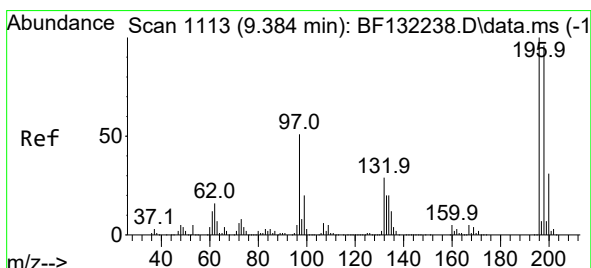
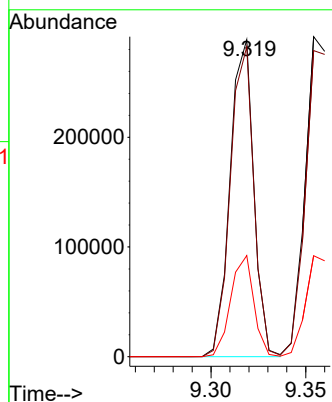
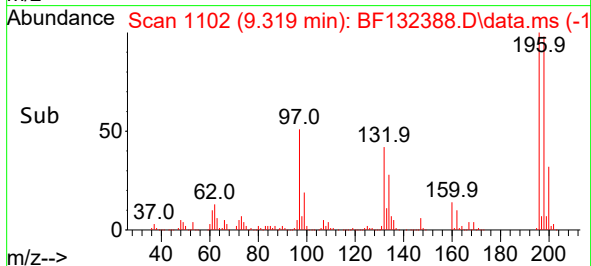
200 31.9 24.7 37.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#44

2,4,5-Trichlorophenol

Concen: 42.041 ng

RT: 9.354 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Tgt Ion:196 Resp: 291437

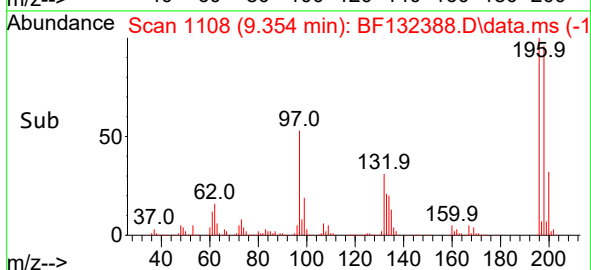
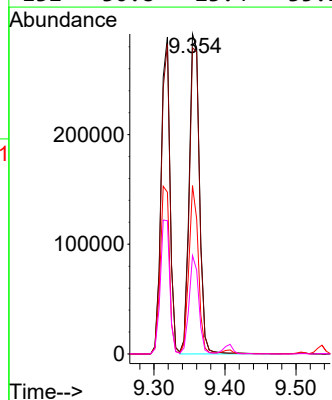
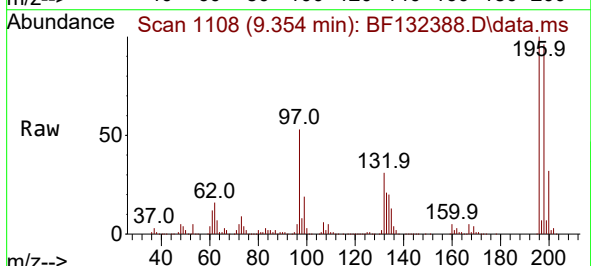
Ion Ratio Lower Upper

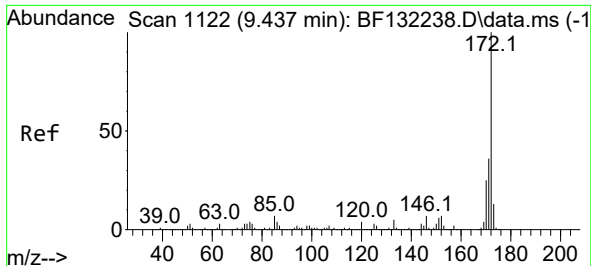
196 100

198 95.7 77.0 115.4

97 52.6 41.2 61.8

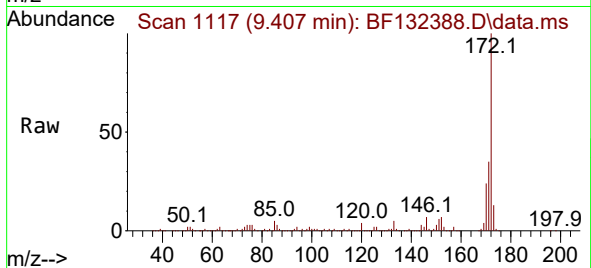
132 30.8 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 75.109 ng
RT: 9.407 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

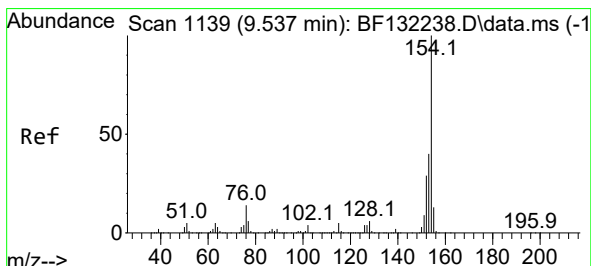
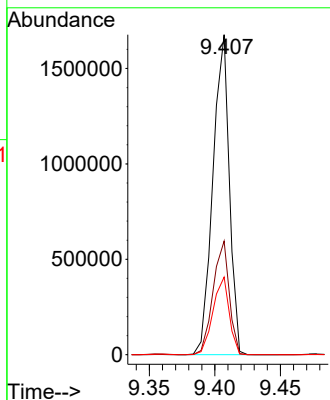
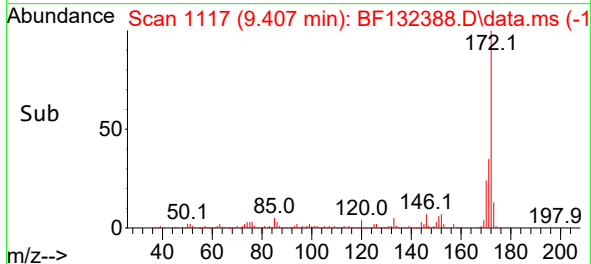
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



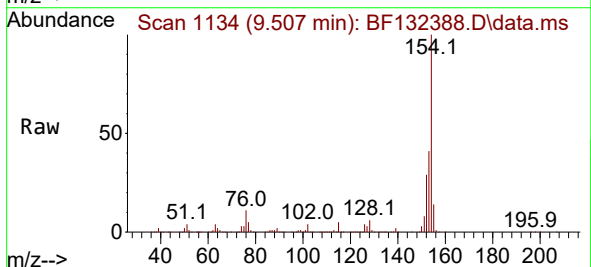
Tgt Ion:172 Resp: 1456230
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.2 19.7 29.5

Manual Integrations
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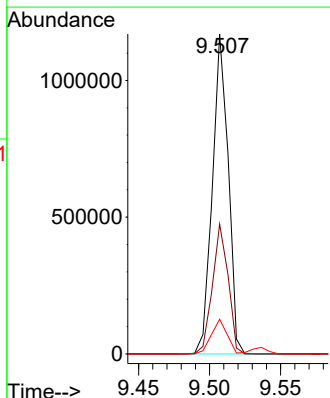
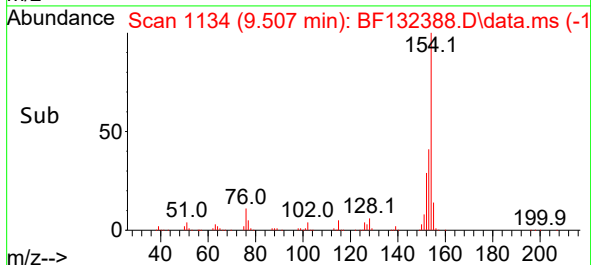
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

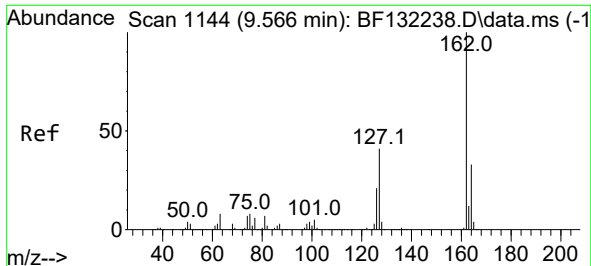


#46
1,1'-Biphenyl
Concen: 39.241 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



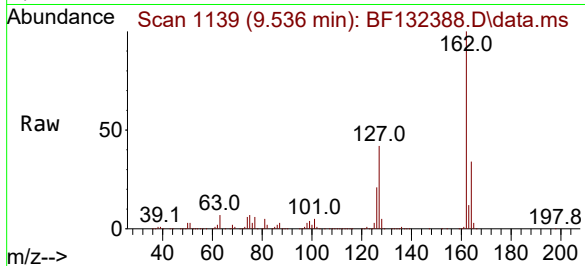
Tgt Ion:154 Resp: 905781
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 10.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 39.649 ng
RT: 9.536 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

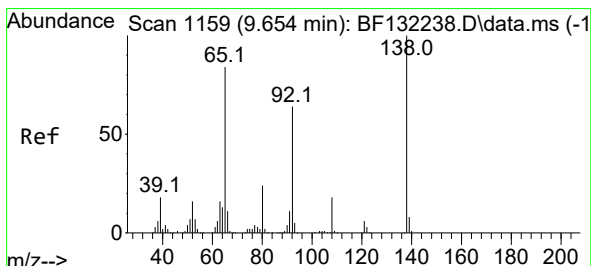
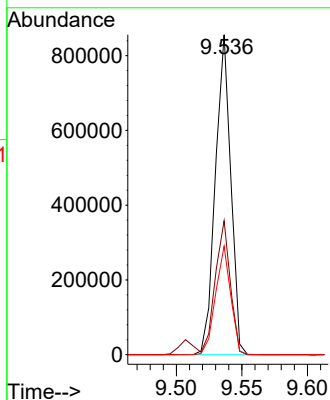
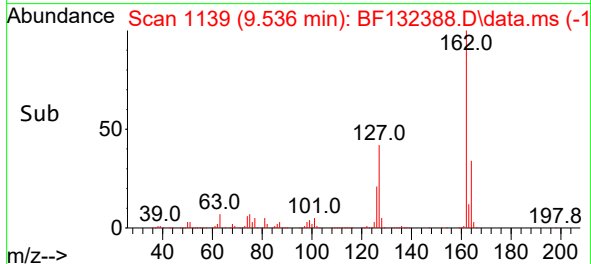
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 69705
Ion Ratio Lower Upper
162 100
127 41.9 33.3 49.9
164 33.9 26.8 40.2

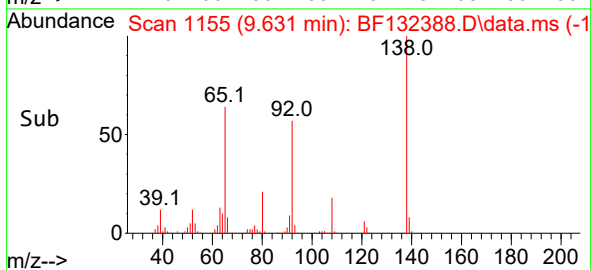
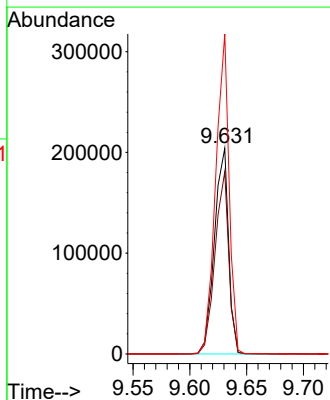
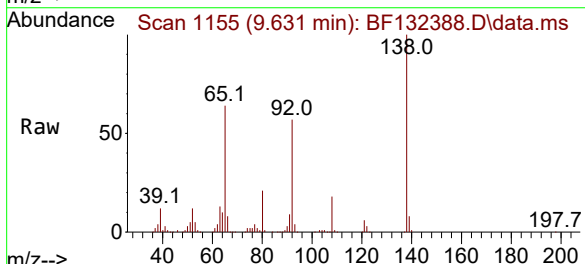
Manual Integrations
APPROVED

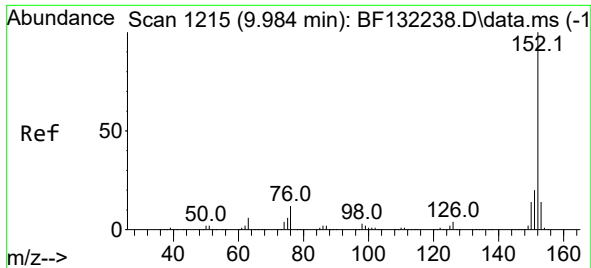
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#48
2-Nitroaniline
Concen: 33.894 ng
RT: 9.631 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion: 65 Resp: 177216
Ion Ratio Lower Upper
65 100
92 88.6 61.0 91.4
138 155.6 95.0 142.4#





#49

Acenaphthylene

Concen: 39.595 ng

RT: 9.954 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF132388.D

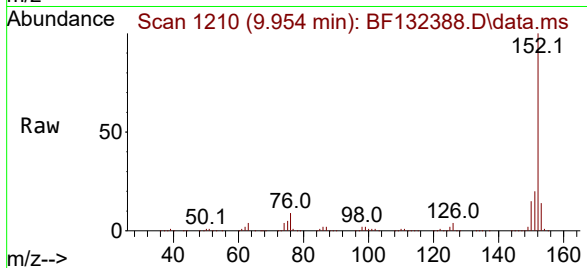
Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 1136090

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

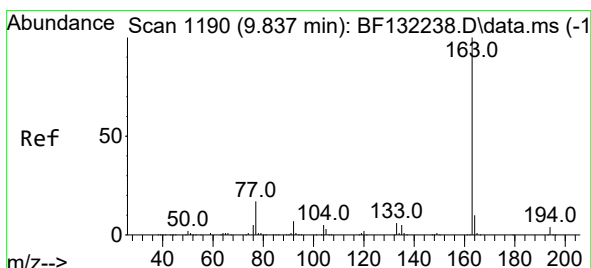
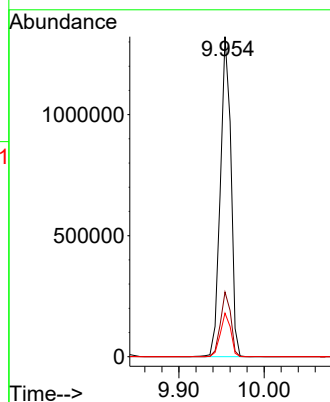
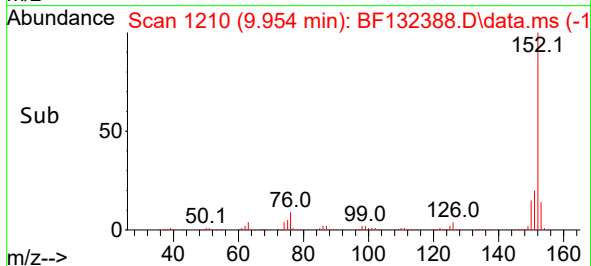
153 13.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#50

Dimethylphthalate

Concen: 39.973 ng

RT: 9.807 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

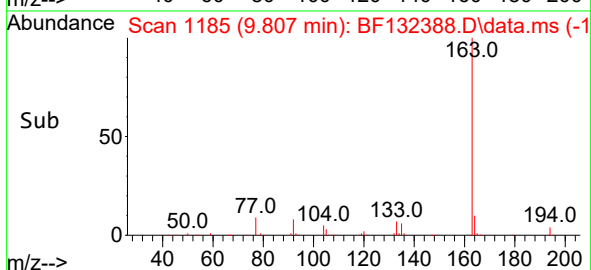
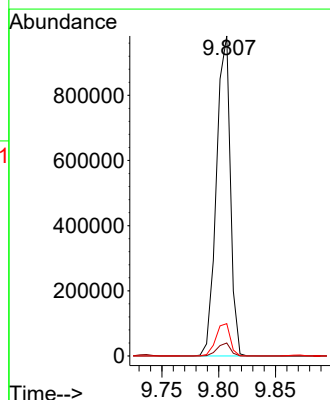
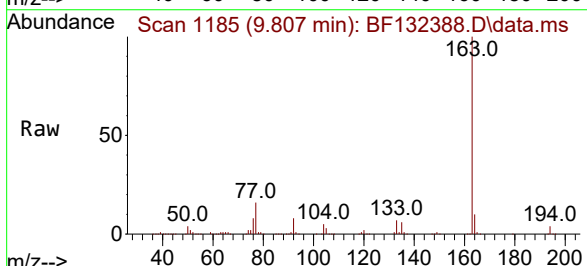
Tgt Ion:163 Resp: 837186

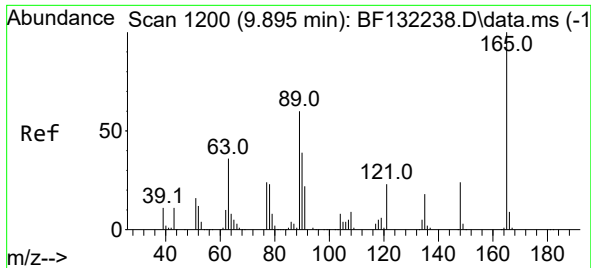
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

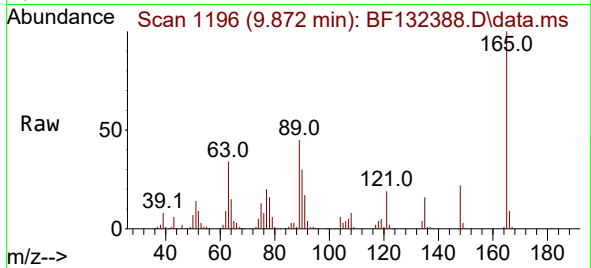
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.119 ng
RT: 9.872 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

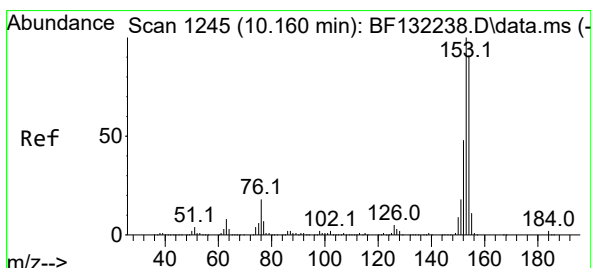
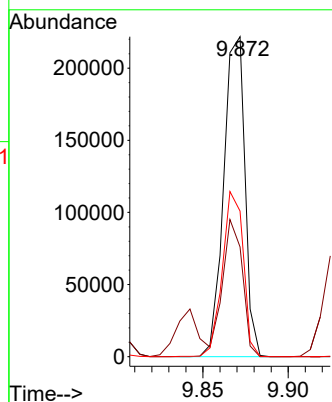
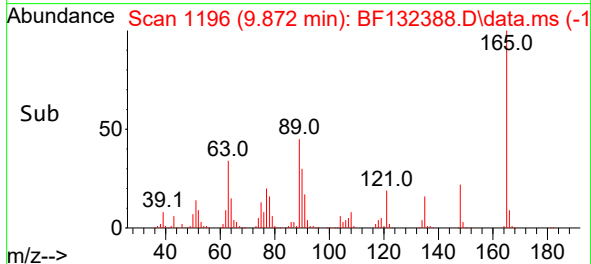
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



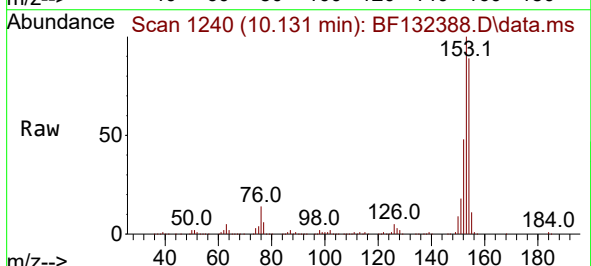
Tgt Ion:165 Resp: 192338
Ion Ratio Lower Upper
165 100
63 34.3 41.5 62.3
89 45.5 48.1 72.1

Manual Integrations
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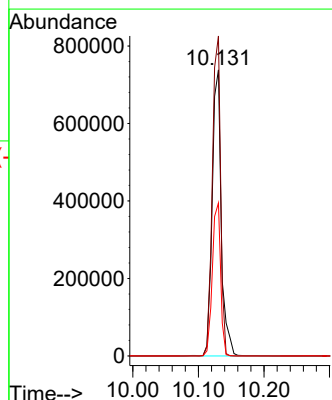
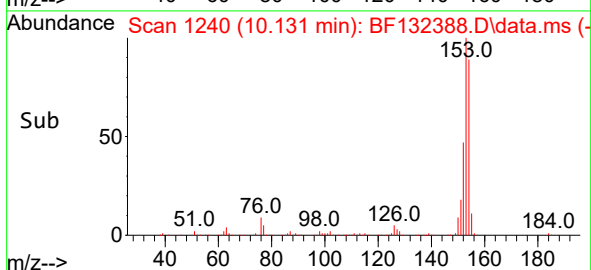
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

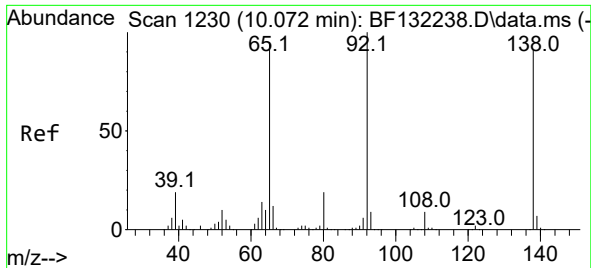


#52
Acenaphthene
Concen: 39.575 ng
RT: 10.131 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



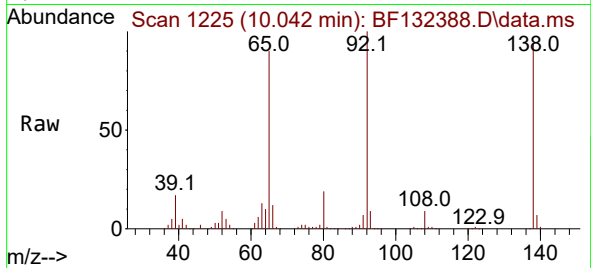
Tgt Ion:154 Resp: 710912
Ion Ratio Lower Upper
154 100
153 111.8 88.3 132.5
152 53.4 42.7 64.1





#53
3-Nitroaniline
Concen: 38.976 ng
RT: 10.042 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

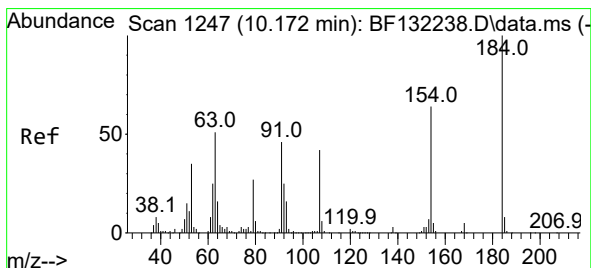
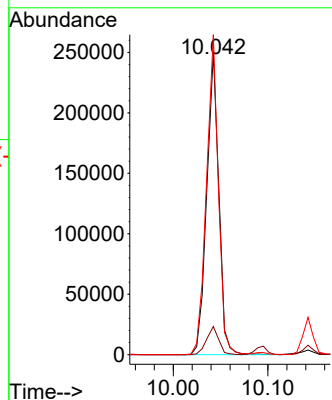
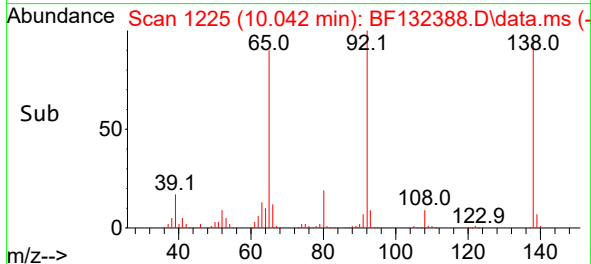
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



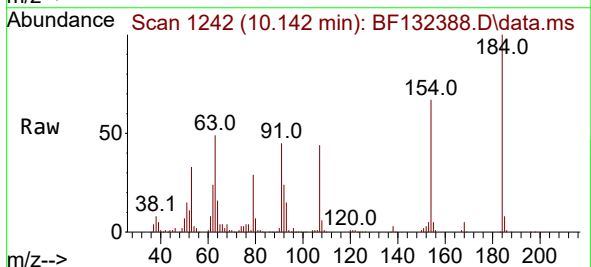
Tgt Ion:138 Resp: 221088
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 105.9 88.3 132.5

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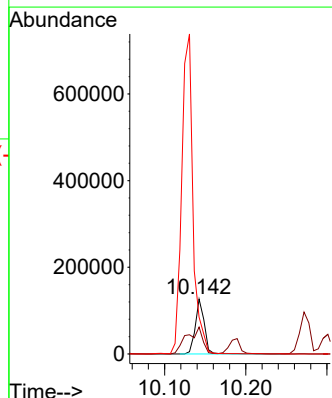
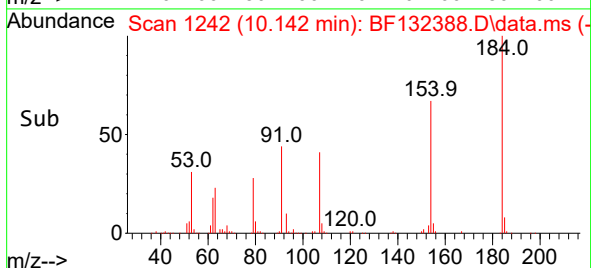
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

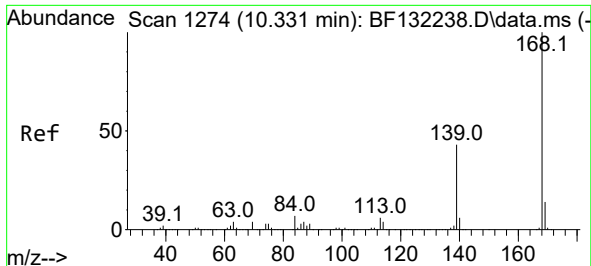


#54
2,4-Dinitrophenol
Concen: 38.807 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



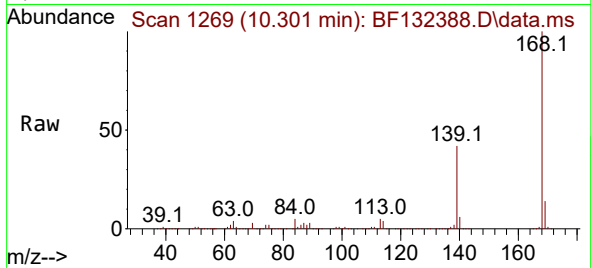
Tgt Ion:184 Resp: 98832
Ion Ratio Lower Upper
184 100
63 48.9 41.6 62.4
154 67.1 57.0 85.6





#55
Dibenzenofuran
Concen: 39.059 ng
RT: 10.301 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

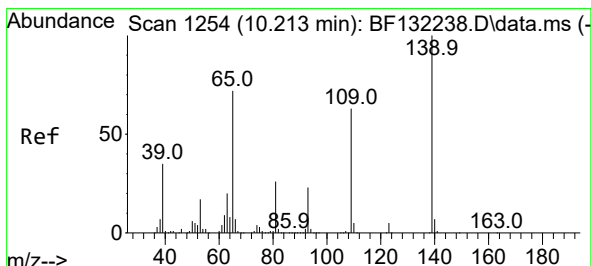
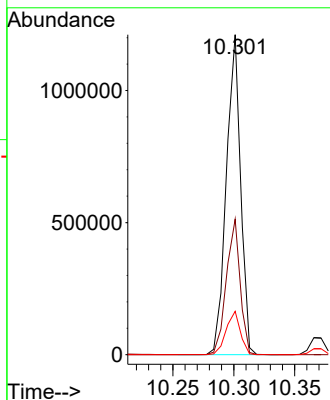
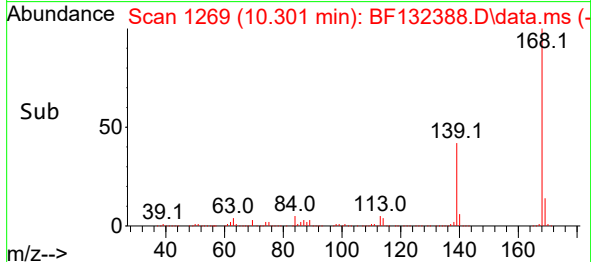
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



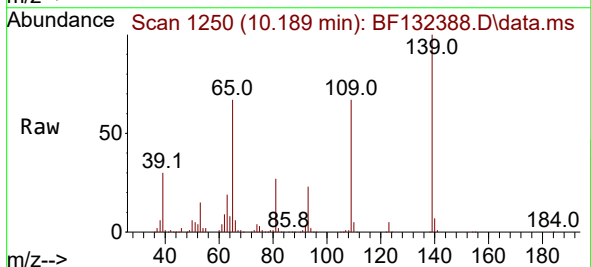
Tgt Ion:168 Resp: 98582
Ion Ratio Lower Upper
168 100
139 42.4 34.2 51.4
169 13.6 11.2 16.8

Manual Integrations
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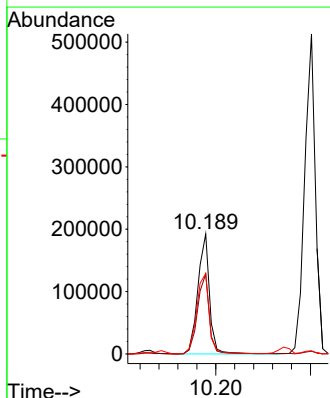
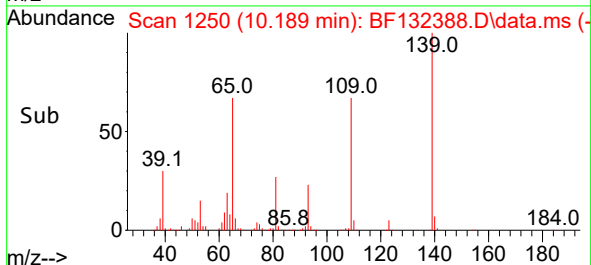
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

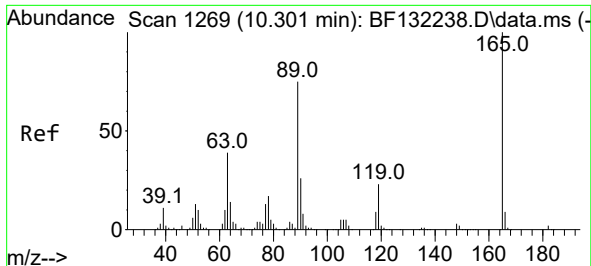


#56
4-Nitrophenol
Concen: 38.608 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



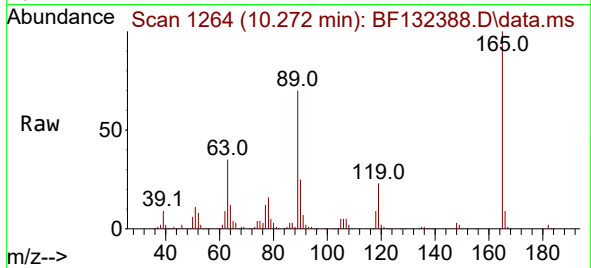
Tgt Ion:139 Resp: 164801
Ion Ratio Lower Upper
139 100
109 66.6 43.3 83.3
65 67.2 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 42.019 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

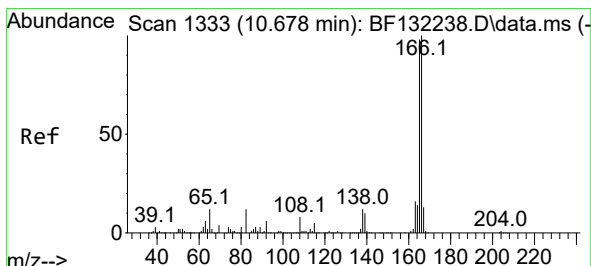
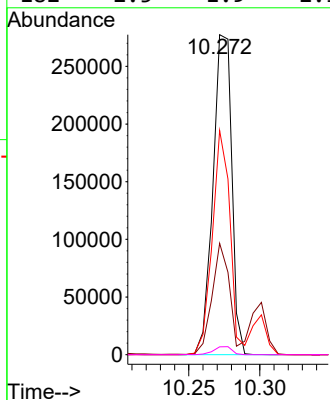
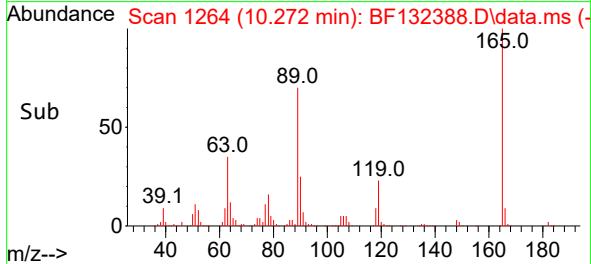
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 25531
Ion Ratio Lower Upper
165 100
63 34.8 30.9 46.3
89 70.0 60.1 90.1
182 2.5 1.9 2.9

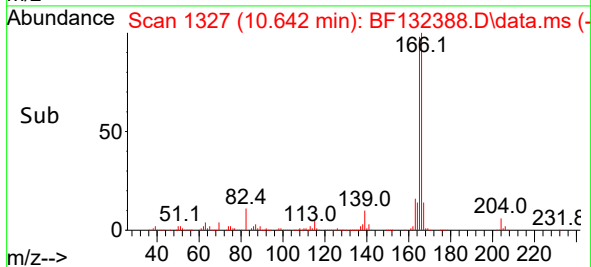
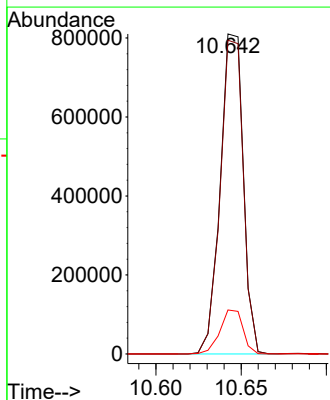
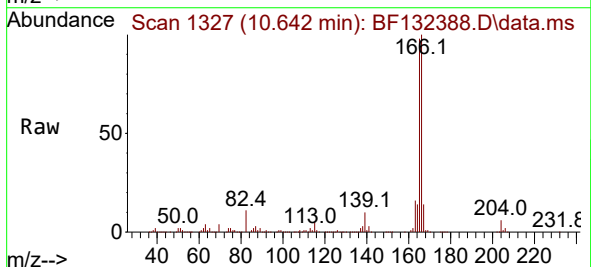
Manual Integrations
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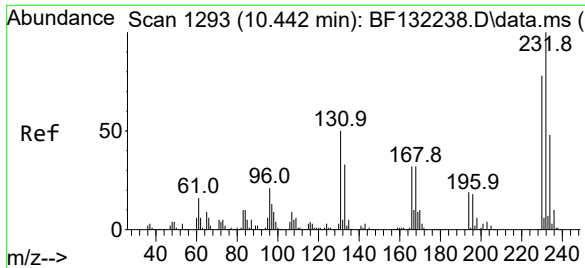
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#58
Fluorene
Concen: 39.245 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

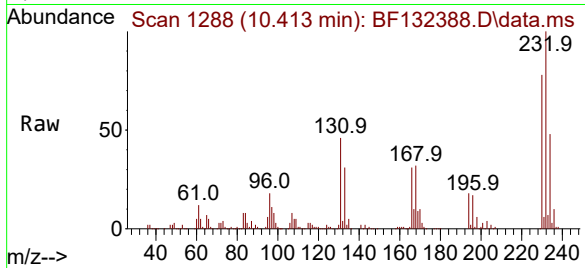
Tgt Ion:166 Resp: 762304
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.751 ng
RT: 10.413 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

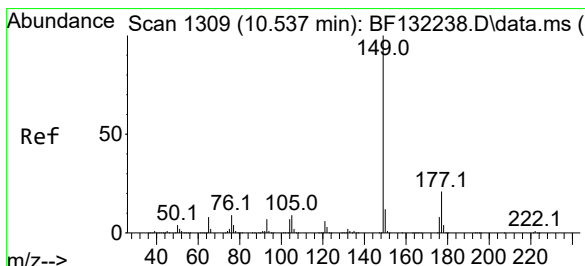
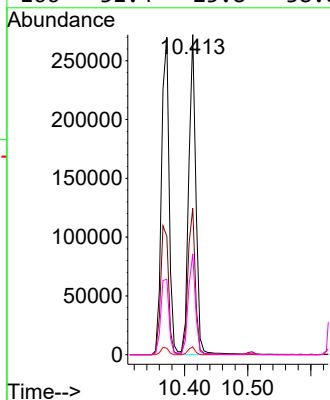
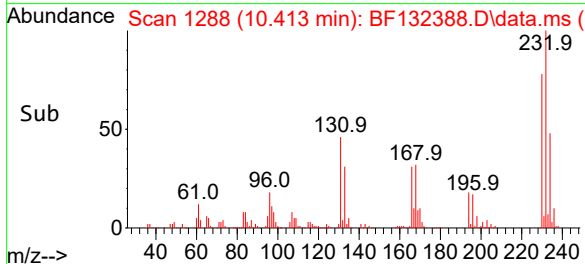
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



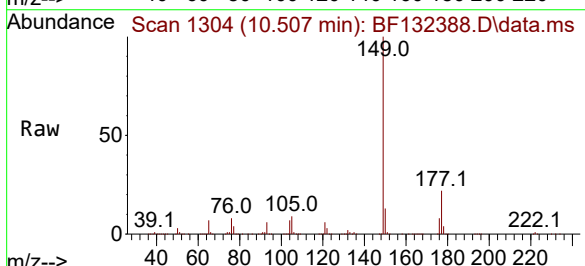
Tgt Ion:232 Resp: 216051
Ion Ratio Lower Upper
232 100
131 46.7 40.6 61.0
130 2.3 1.9 2.9
166 31.4 25.8 38.8

Manual Integrations
APPROVED

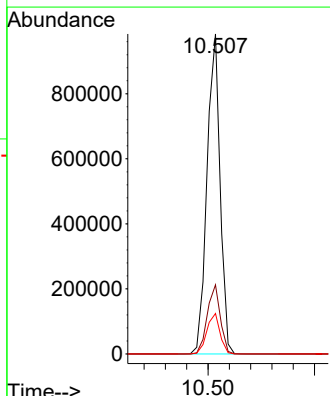
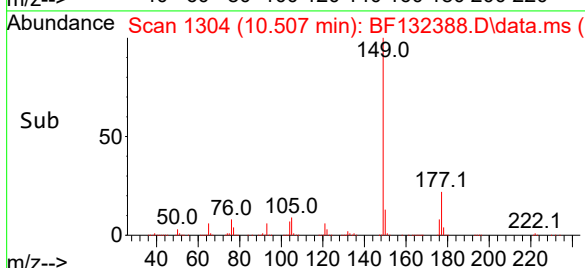
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

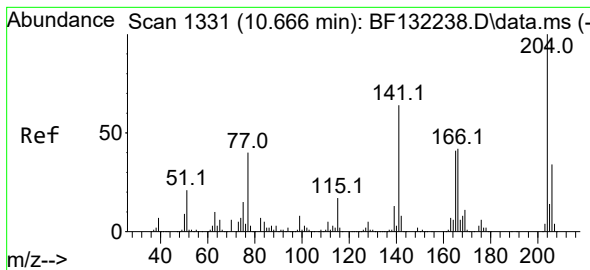


#60
Diethylphthalate
Concen: 40.242 ng
RT: 10.507 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



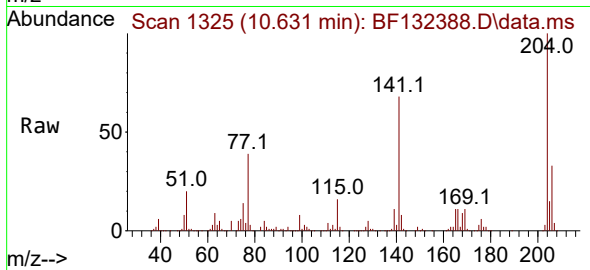
Tgt Ion:149 Resp: 838434
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.094 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

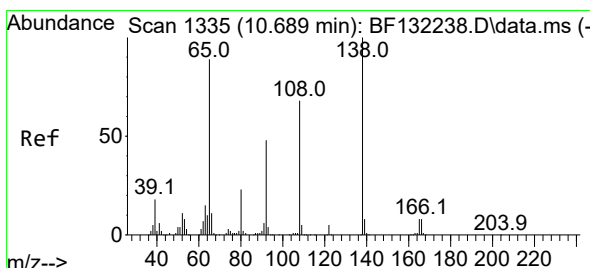
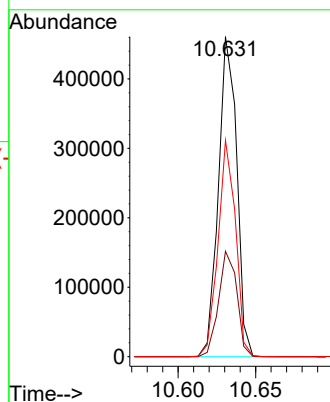
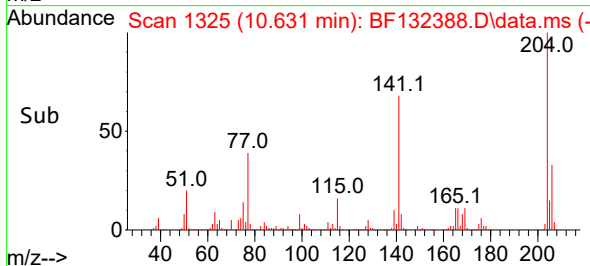
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 378825
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 67.6 51.4 77.0

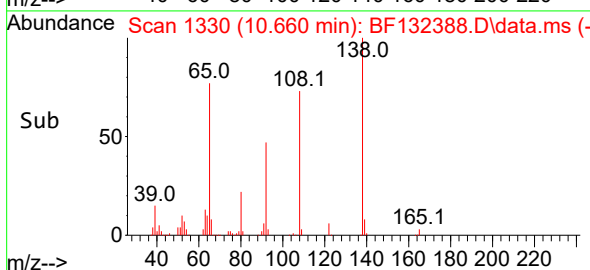
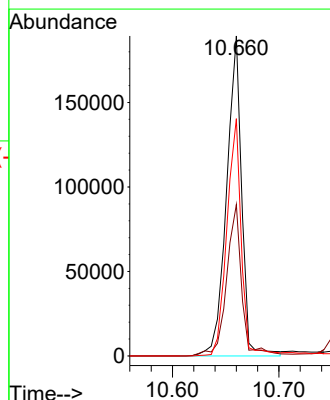
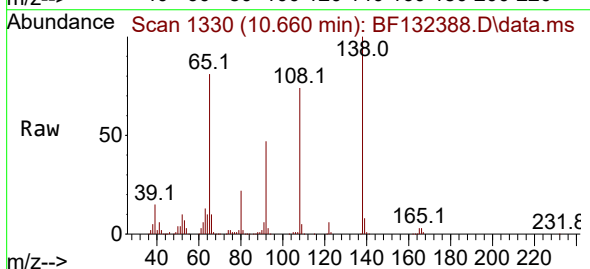
Manual Integrations
APPROVED

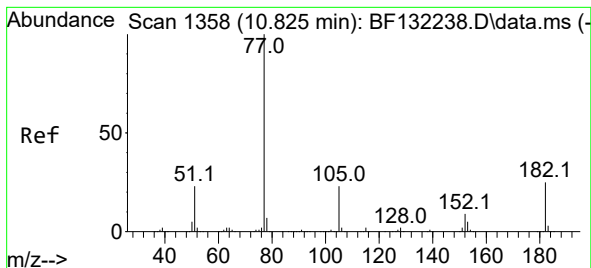
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#62
4-Nitroaniline
Concen: 34.248 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion:138 Resp: 186293
Ion Ratio Lower Upper
138 100
92 47.3 27.7 67.7
108 74.1 48.5 88.5





#63

Azobenzene

Concen: 33.594 ng

RT: 10.795 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 681770

Ion Ratio Lower Upper

77 100

182 31.6 4.5 44.5

105 25.2 2.7 42.7

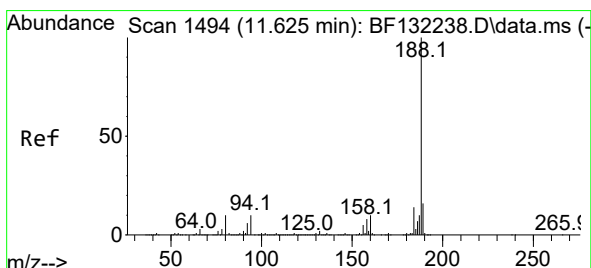
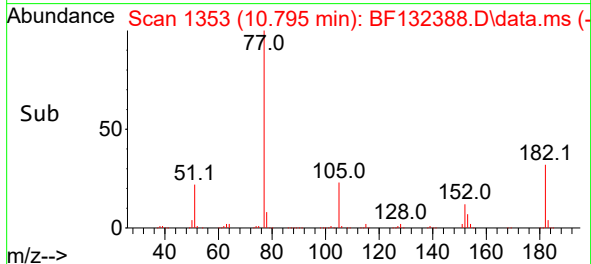
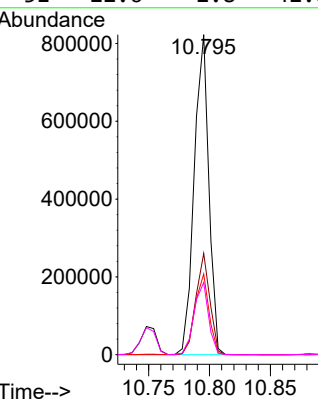
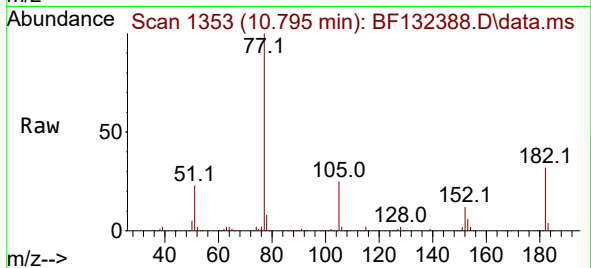
51 22.6 2.8 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.589 min Scan# 1488

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

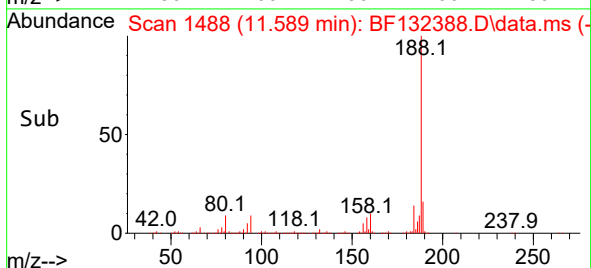
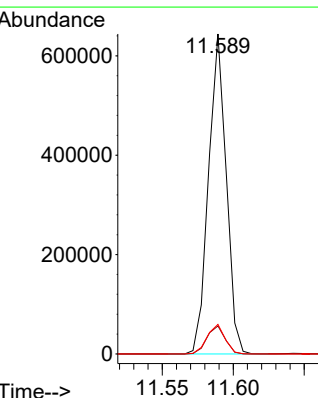
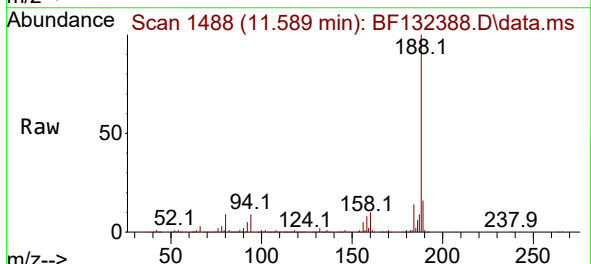
Tgt Ion:188 Resp: 558260

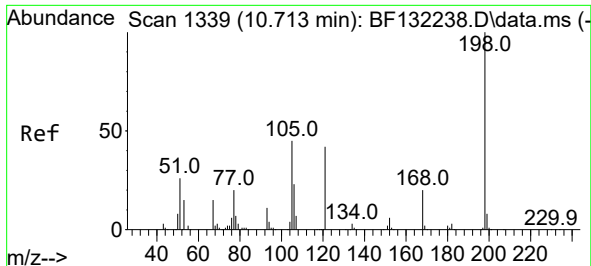
Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

80 9.3 8.3 12.5





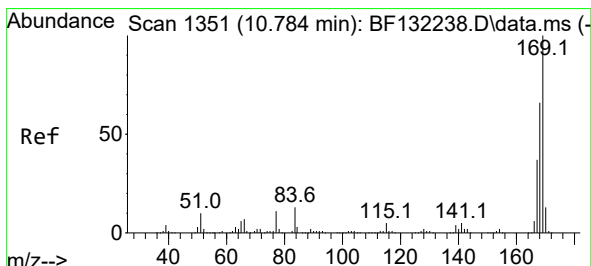
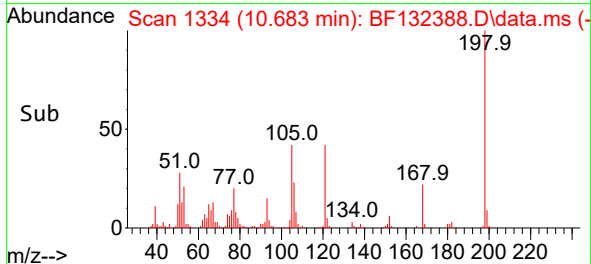
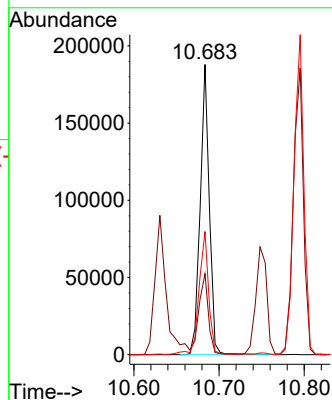
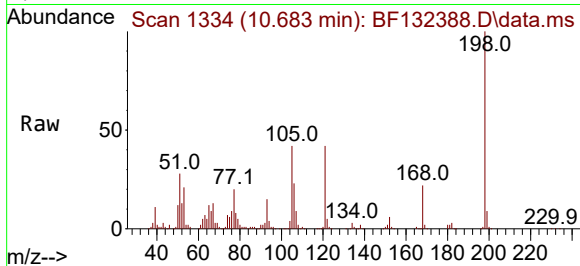
#65
4,6-Dinitro-2-methylphenol
Concen: 44.132 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 139829
Ion Ratio Lower Upper
198 100
51 27.9 13.1 53.1
105 42.5 26.0 66.0

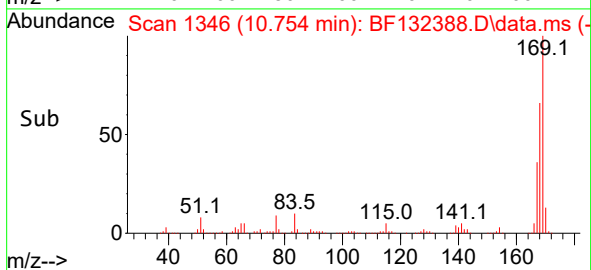
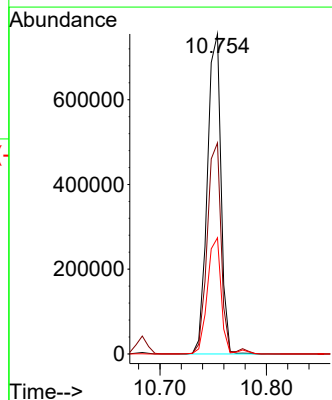
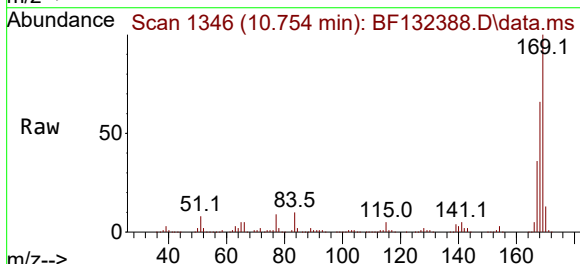
Manual Integrations
APPROVED

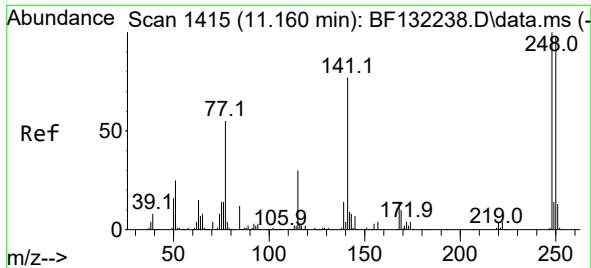
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#66
n-Nitrosodiphenylamine
Concen: 38.464 ng
RT: 10.754 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

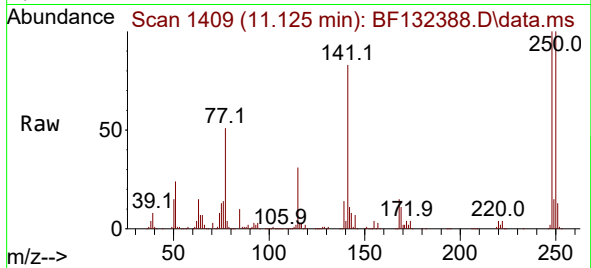
Tgt Ion:169 Resp: 672384
Ion Ratio Lower Upper
169 100
168 66.0 52.6 79.0
167 36.3 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 41.529 ng
RT: 11.125 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

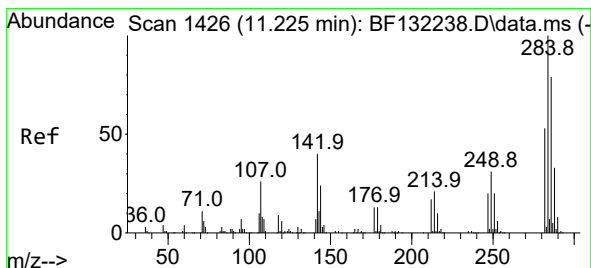
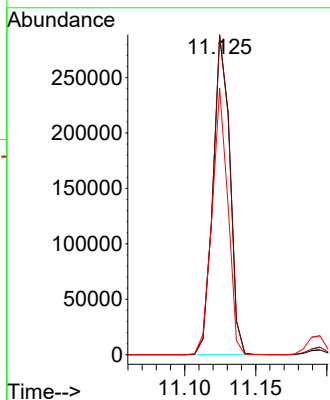
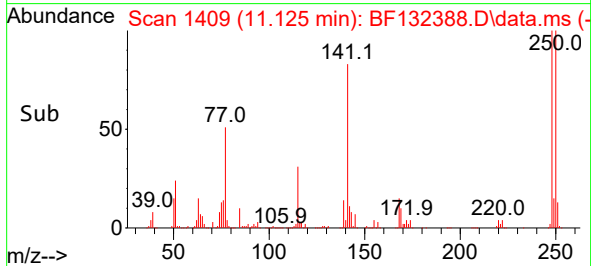
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



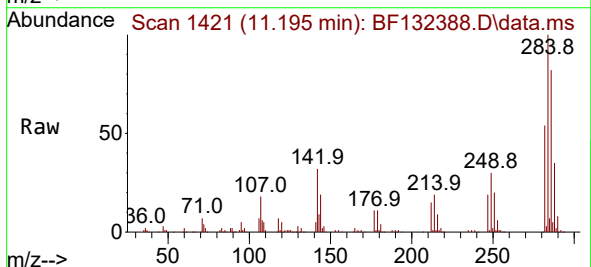
Tgt Ion:248 Resp: 23740
Ion Ratio Lower Upper
248 100
250 100.4 78.6 117.8
141 83.6 61.6 92.4

Manual Integrations
APPROVED

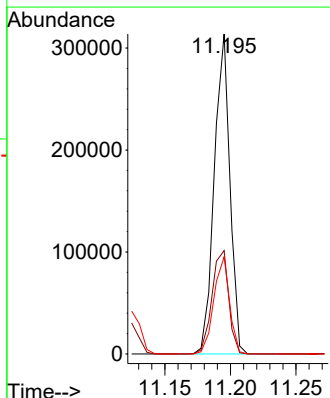
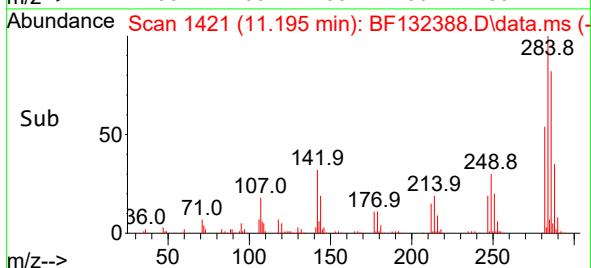
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

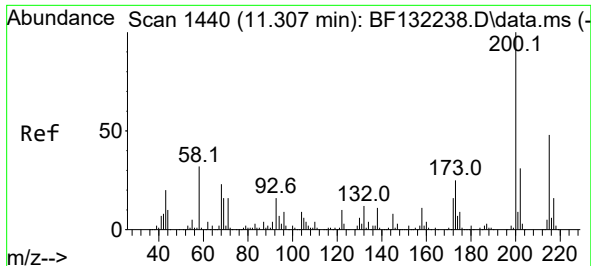


#68
Hexachlorobenzene
Concen: 42.478 ng
RT: 11.195 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



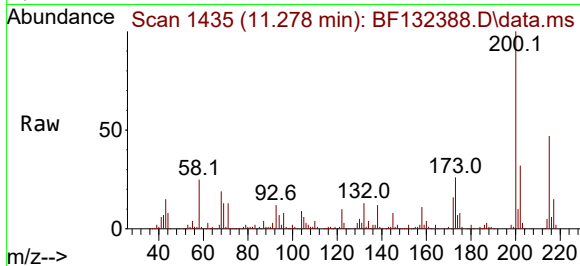
Tgt Ion:284 Resp: 259543
Ion Ratio Lower Upper
284 100
142 32.3 32.2 48.4
249 30.4 25.0 37.6





#69
 Atrazine
 Concen: 41.386 ng
 RT: 11.278 min Scan# 1435
 Delta R.T. 0.000 min
 Lab File: BF132388.D
 Acq: 10 Feb 2023 12:14

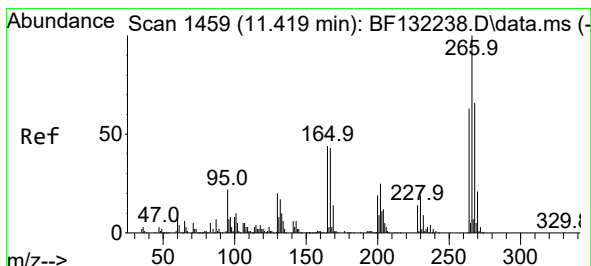
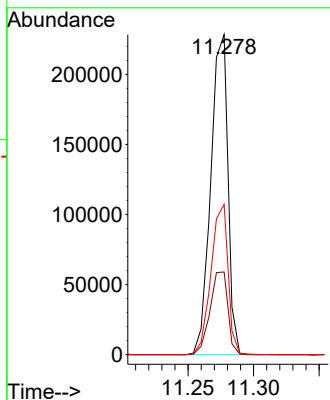
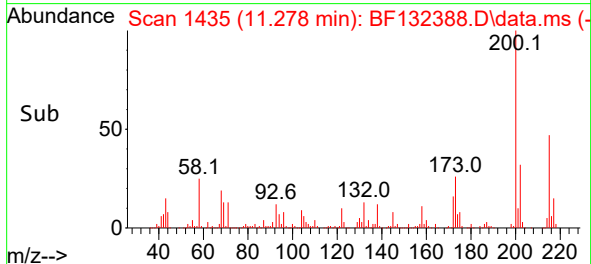
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



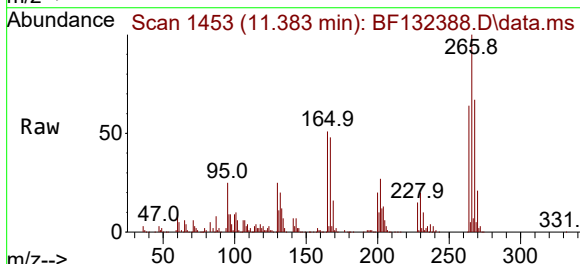
Tgt Ion:200 Resp: 208094
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.1 45.1
 215 47.0 27.6 67.6

Manual Integrations
 APPROVED

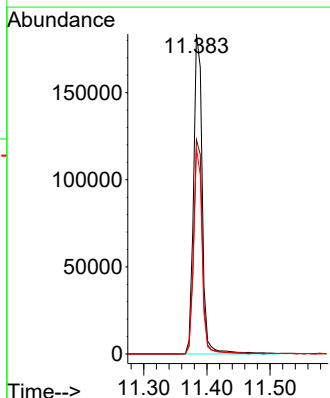
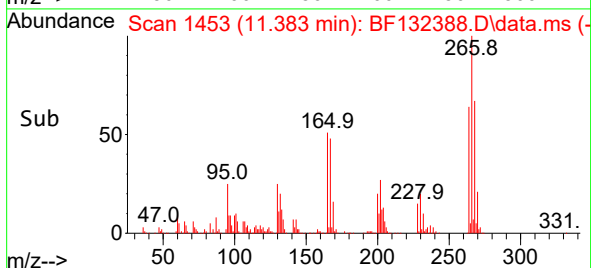
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023

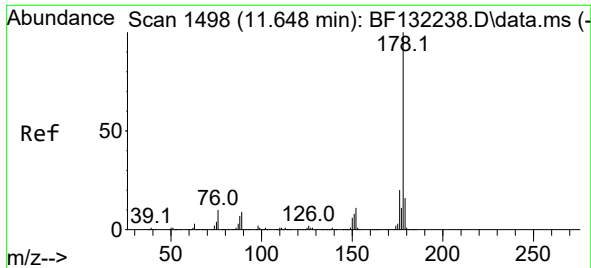


#70
 Pentachlorophenol
 Concen: 41.512 ng
 RT: 11.383 min Scan# 1453
 Delta R.T. 0.000 min
 Lab File: BF132388.D
 Acq: 10 Feb 2023 12:14



Tgt Ion:266 Resp: 174276
 Ion Ratio Lower Upper
 266 100
 268 67.0 53.0 79.4
 264 64.3 50.5 75.7





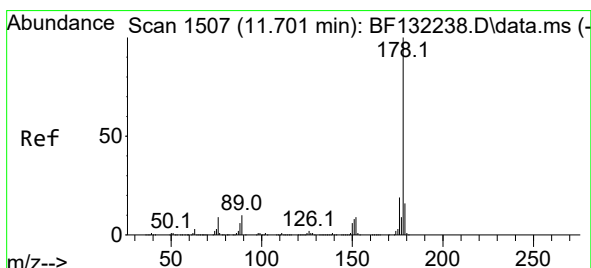
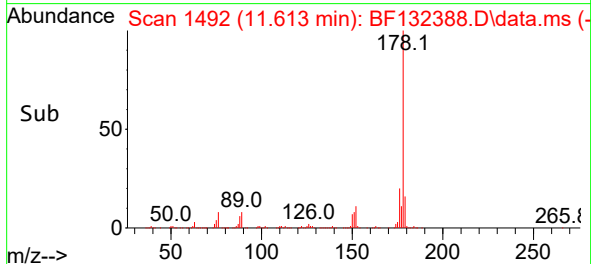
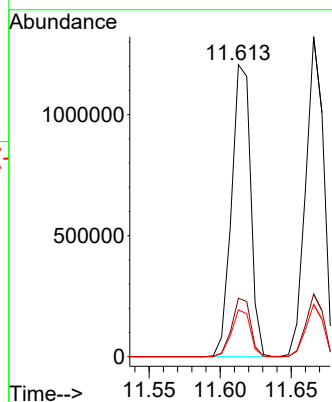
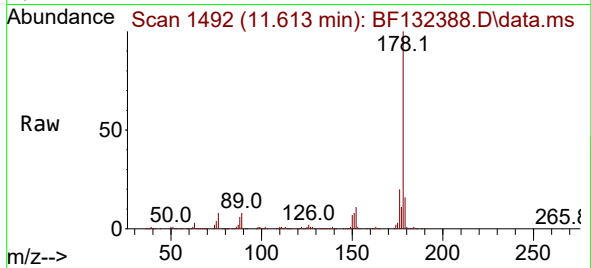
#71
Phenanthrene
Concen: 38.801 ng
RT: 11.613 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 113191
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.0 12.8 19.2

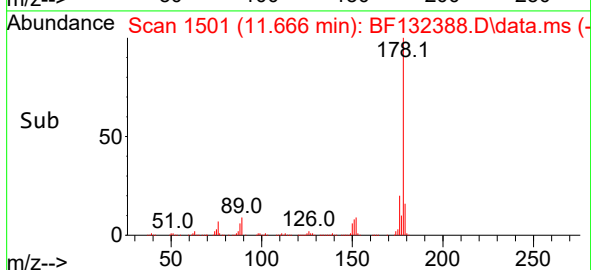
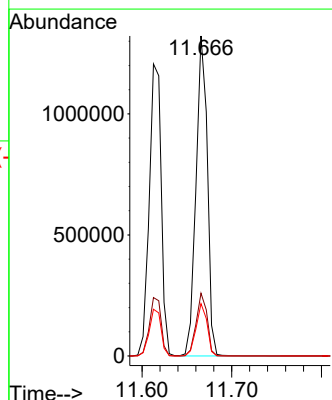
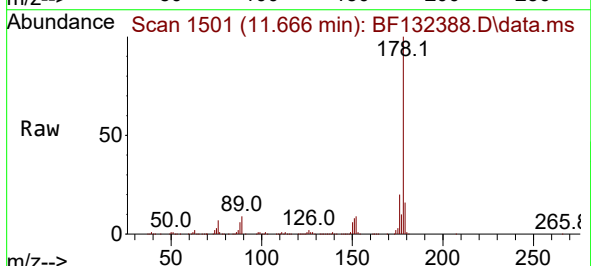
Manual Integrations
APPROVED

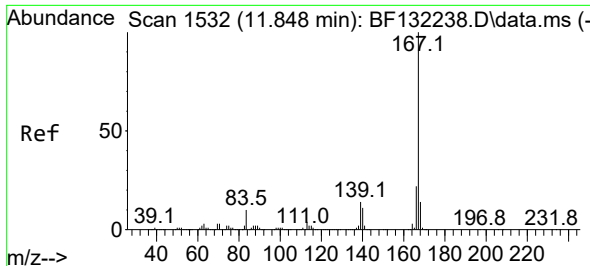
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#72
Anthracene
Concen: 39.088 ng
RT: 11.666 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

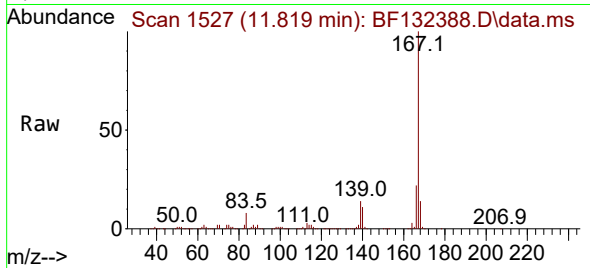
Tgt Ion:178 Resp: 1160451
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.3 12.8 19.2





#73
 Carbazole
 Concen: 38.003 ng
 RT: 11.819 min Scan# 1527
 Delta R.T. 0.000 min
 Lab File: BF132388.D
 Acq: 10 Feb 2023 12:14

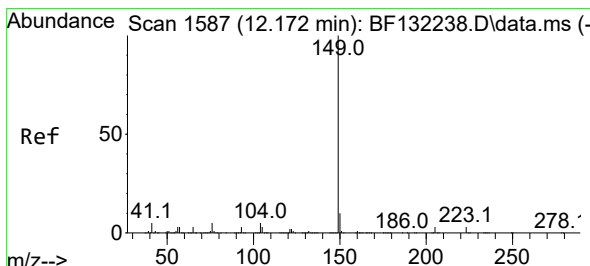
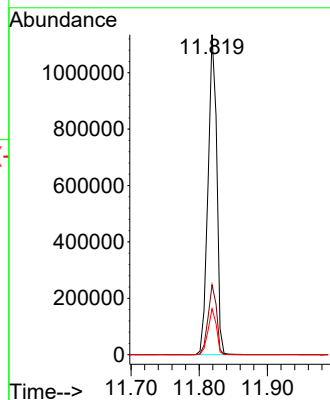
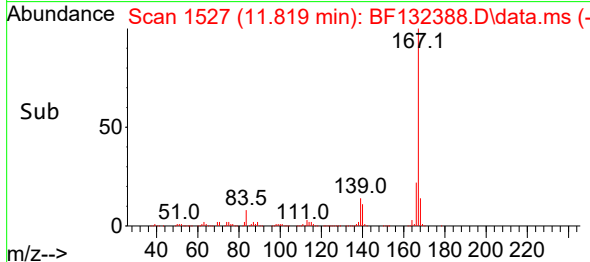
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



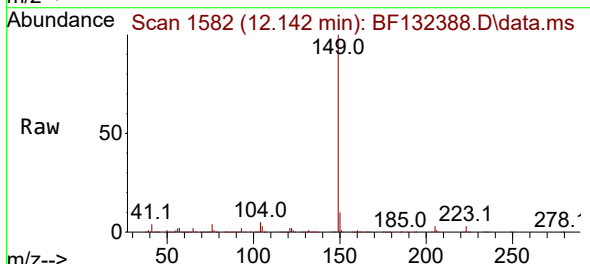
Tgt Ion:167 Resp: 1011638
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.3 11.4 17.2

Manual Integrations
 APPROVED

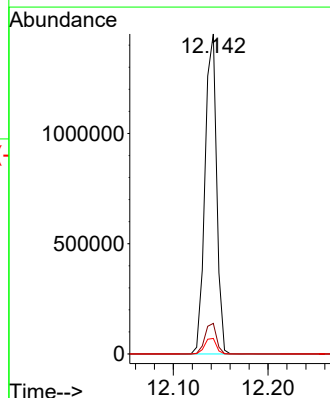
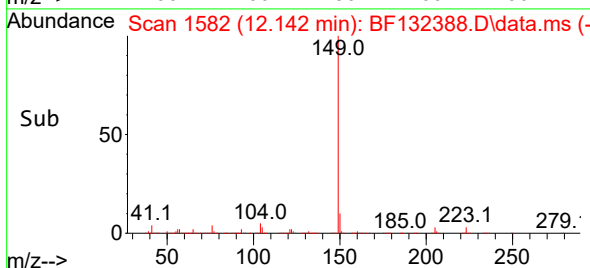
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023

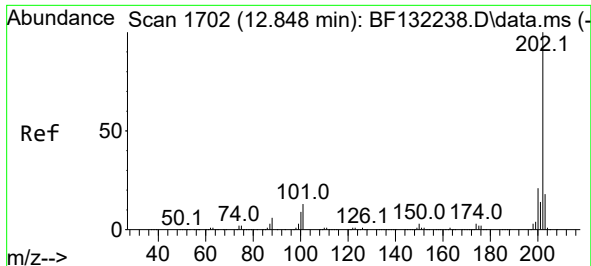


#74
 Di-n-butylphthalate
 Concen: 39.413 ng
 RT: 12.142 min Scan# 1582
 Delta R.T. 0.000 min
 Lab File: BF132388.D
 Acq: 10 Feb 2023 12:14



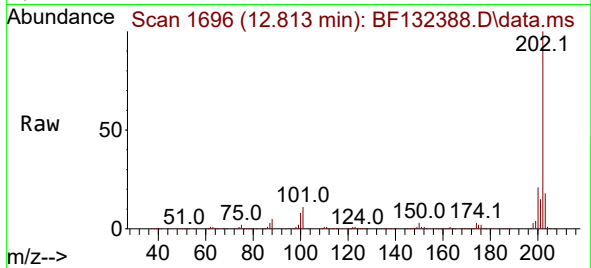
Tgt Ion:149 Resp: 1240357
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 38.056 ng
RT: 12.813 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

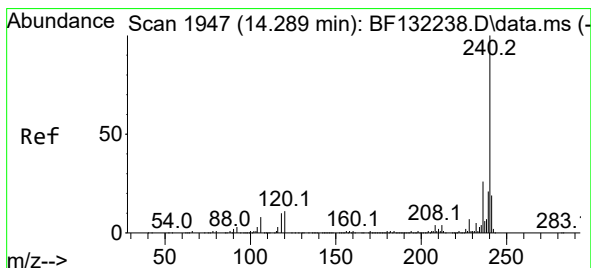
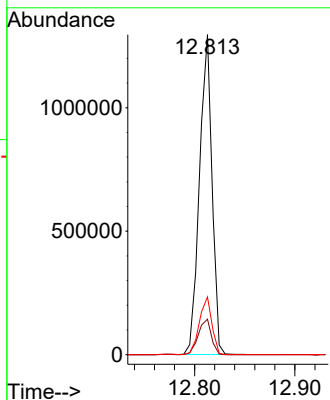
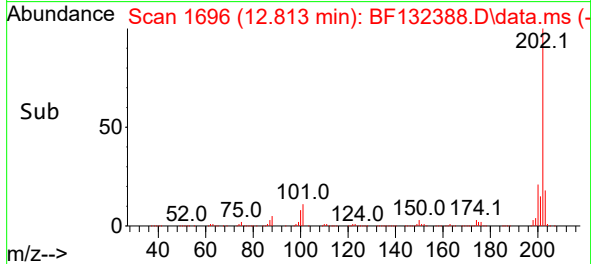
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



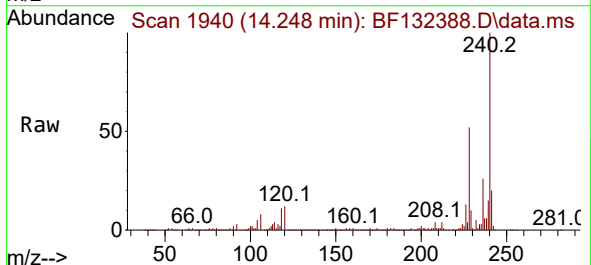
Tgt Ion:202 Resp: 1132909
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.7
203 18.1 0.0 37.9

Manual Integrations
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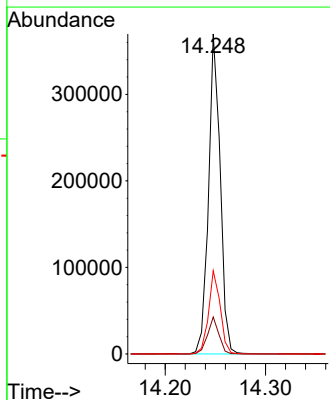
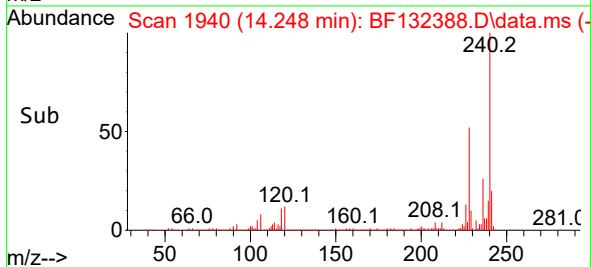
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

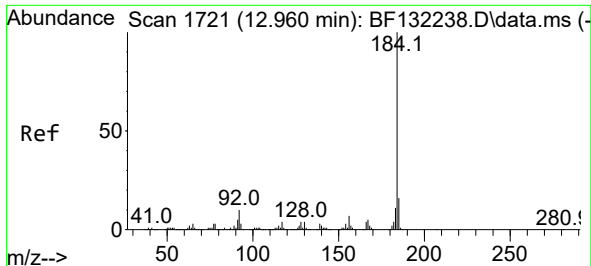


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



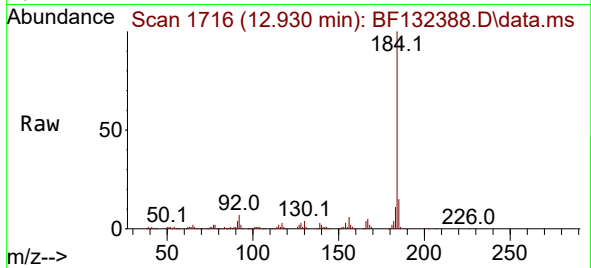
Tgt Ion:240 Resp: 300532
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 26.0 21.0 31.6





#77
Benzidine
Concen: 18.449 ng
RT: 12.930 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

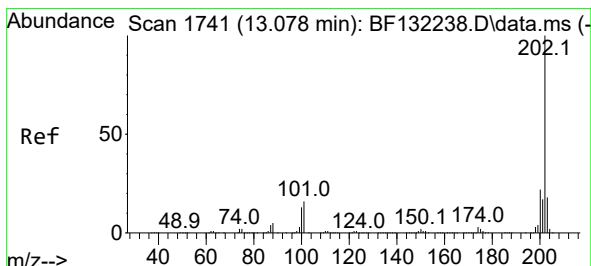
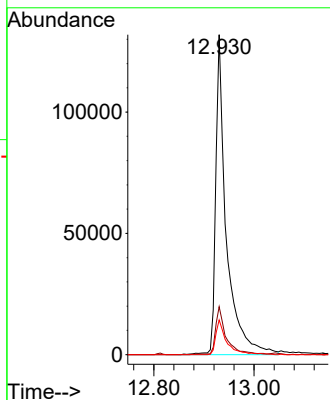
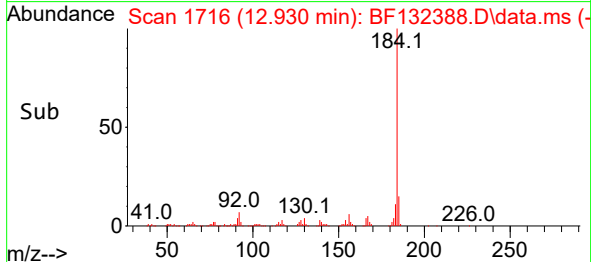
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



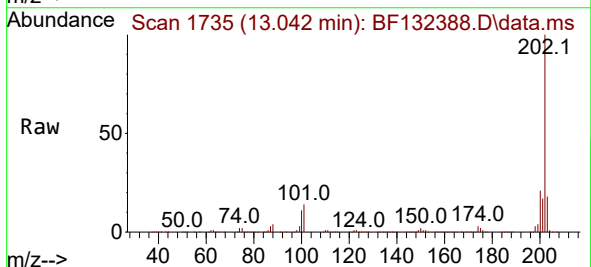
Tgt Ion:184 Resp: 19384
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 10.9 8.9 13.3

Manual Integrations
APPROVED

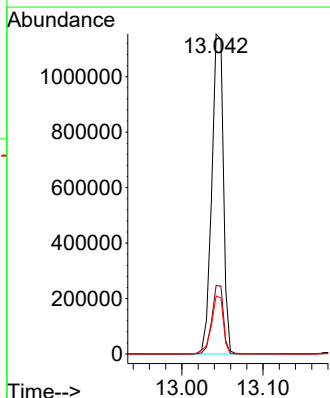
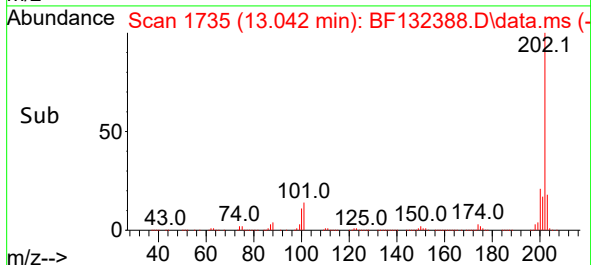
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

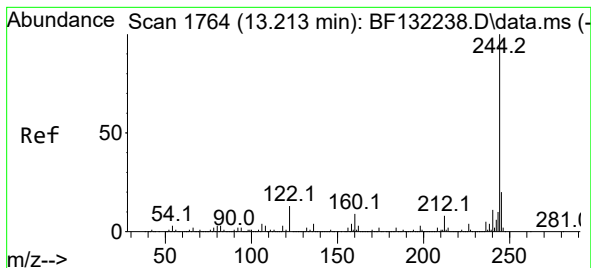


#78
Pyrene
Concen: 47.192 ng
RT: 13.042 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



Tgt Ion:202 Resp: 1140736
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 98.386 ng

RT: 13.183 min Scan# 1764

Delta R.T. 0.000 min

Lab File: BF132388.D

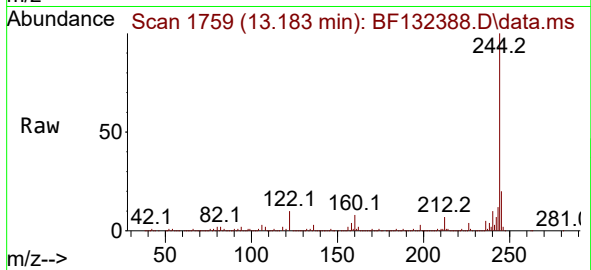
Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 1528538

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

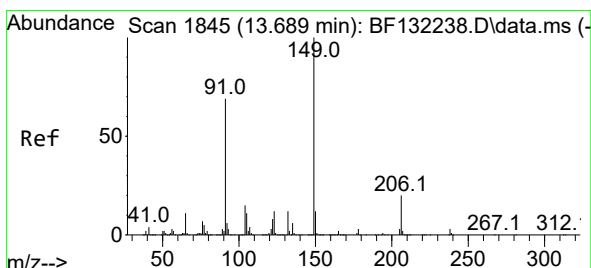
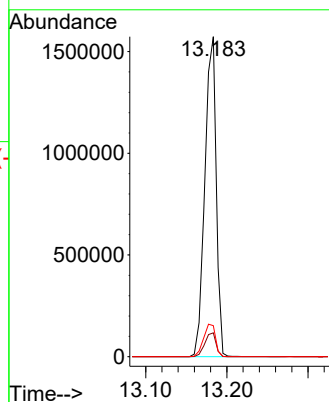
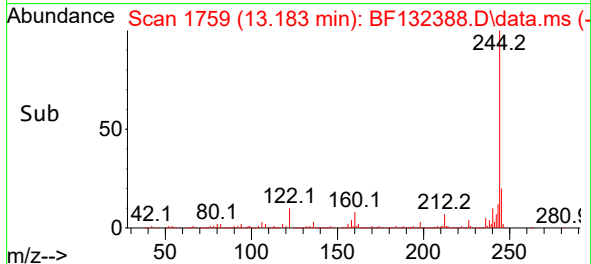
122 9.7 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#80

Butylbenzylphthalate

Concen: 42.857 ng

RT: 13.654 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

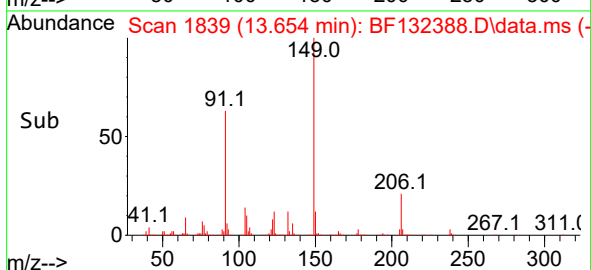
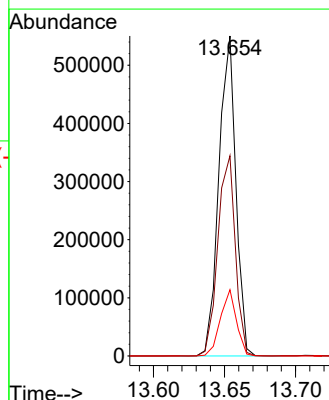
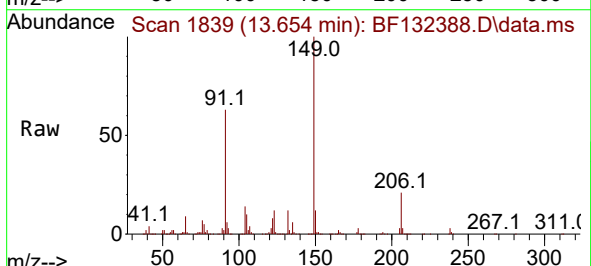
Tgt Ion:149 Resp: 457695

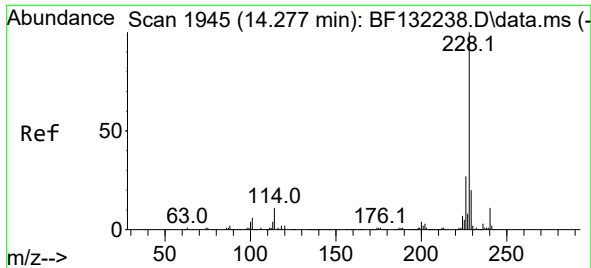
Ion Ratio Lower Upper

149 100

91 62.6 55.0 82.6

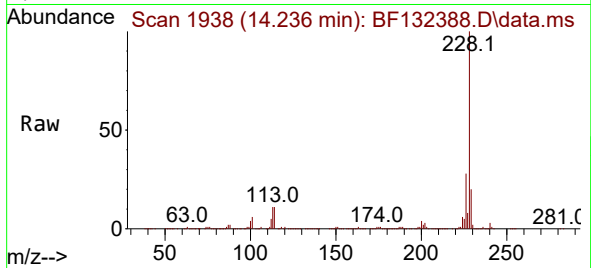
206 20.7 15.9 23.9





#81
Benzo(a)anthracene
Concen: 39.680 ng
RT: 14.236 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

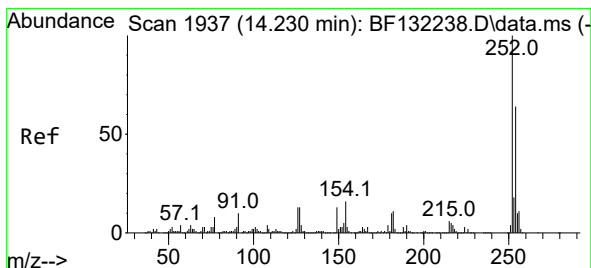
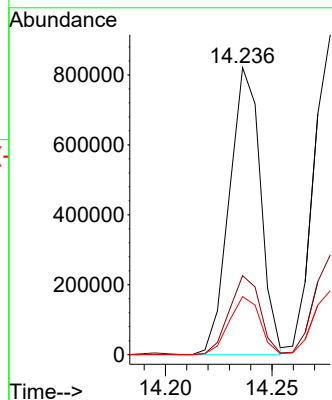
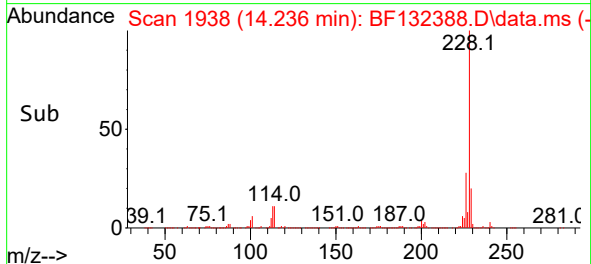
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



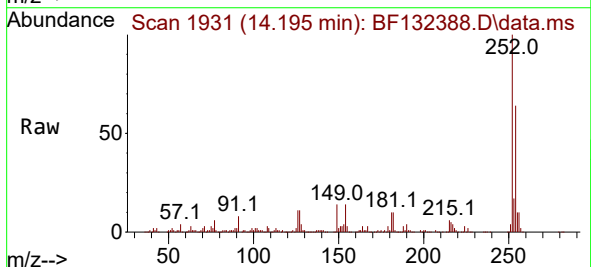
Tgt Ion:228 Resp: 83405
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 20.2 15.8 23.6

Manual Integrations
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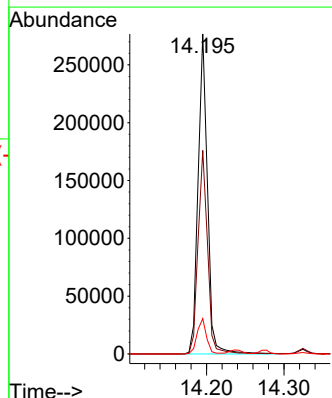
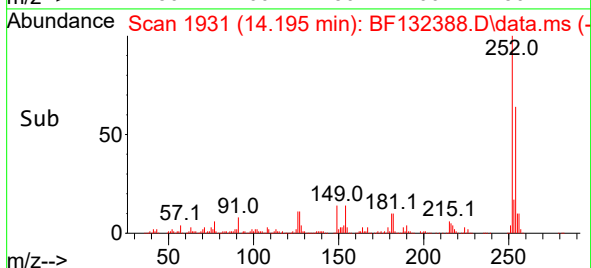
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

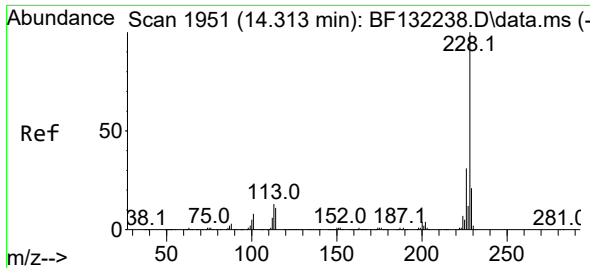


#82
3,3'-Dichlorobenzidine
Concen: 34.849 ng
RT: 14.195 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14



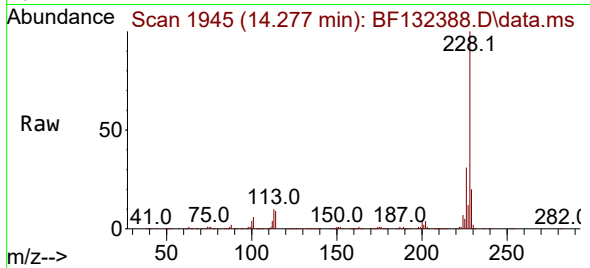
Tgt Ion:252 Resp: 233311
Ion Ratio Lower Upper
252 100
254 63.6 51.6 77.4
126 11.1 10.5 15.7





#83
Chrysene
Concen: 39.805 ng
RT: 14.277 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

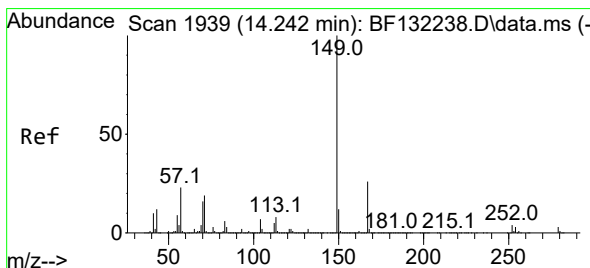
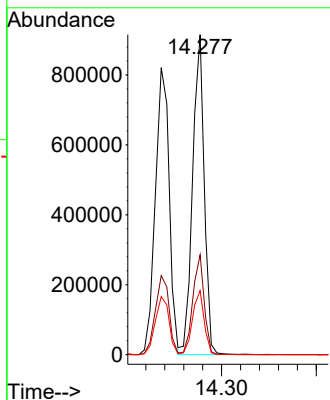
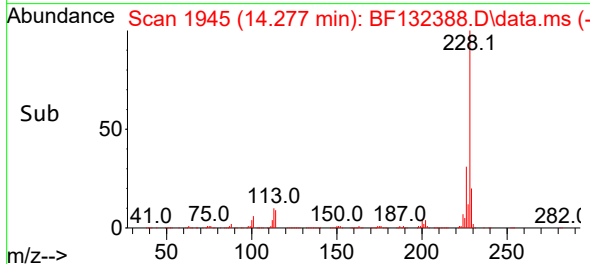
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 783450
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 20.0 16.4 24.6

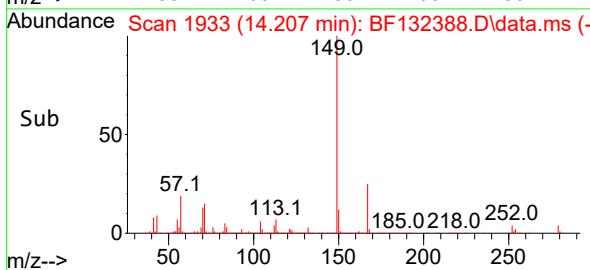
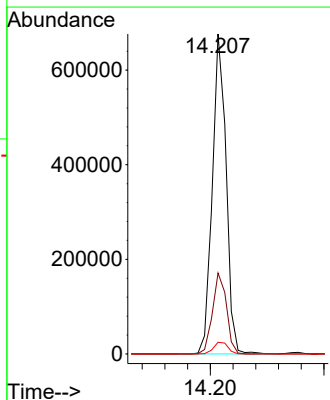
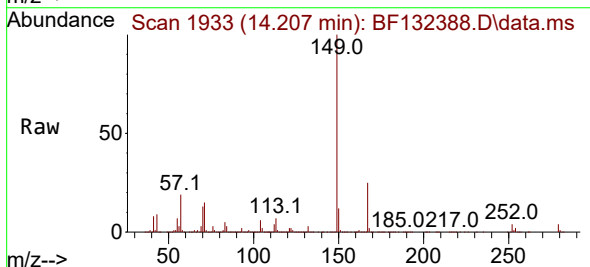
Manual Integrations
APPROVED

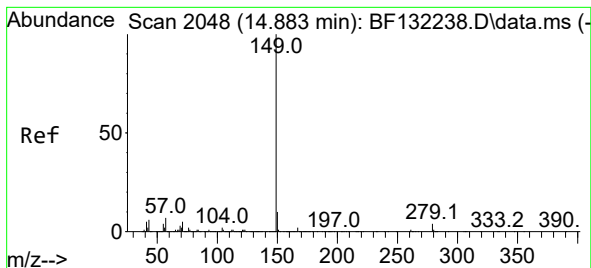
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.391 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion:149 Resp: 568610
Ion Ratio Lower Upper
149 100
167 25.3 20.7 31.1
279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 32.903 ng

RT: 14.836 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 77468

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

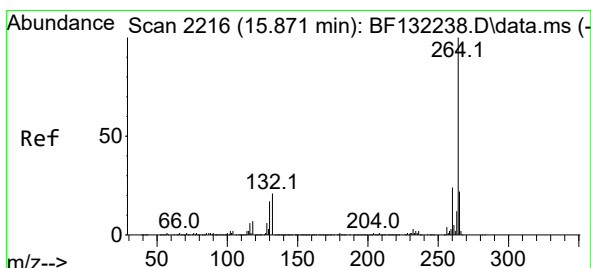
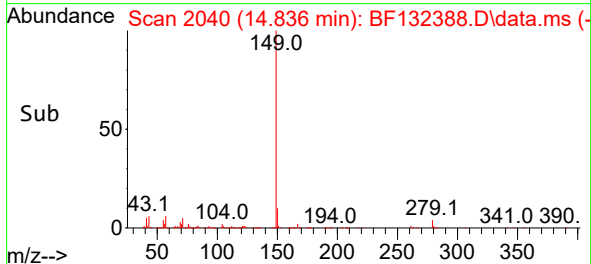
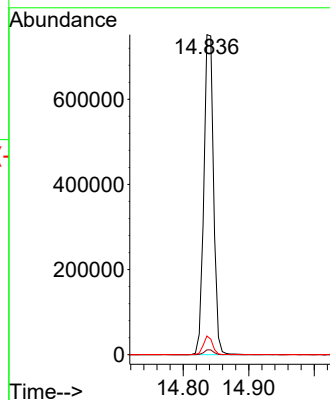
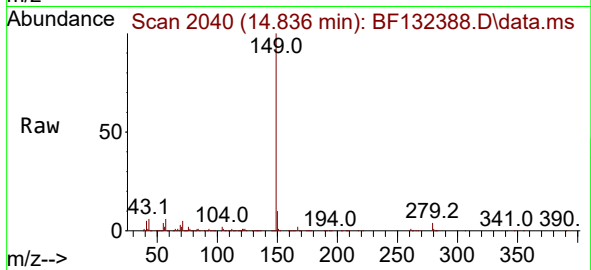
43 5.5 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.818 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

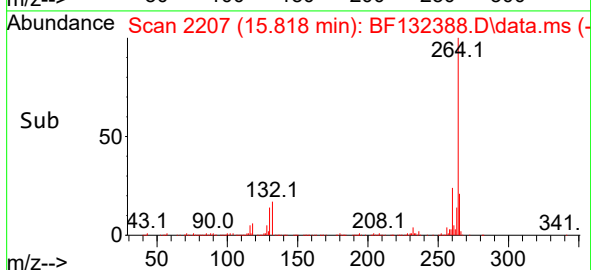
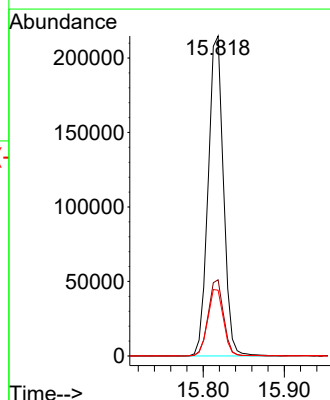
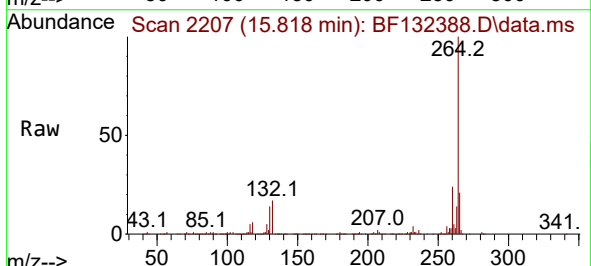
Tgt Ion:264 Resp: 280566

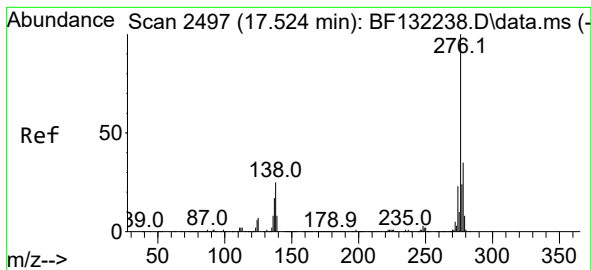
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

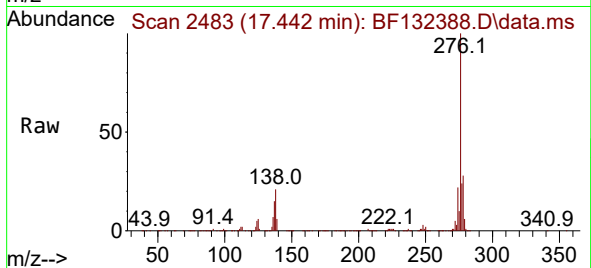
265 20.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.881 ng
RT: 17.442 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

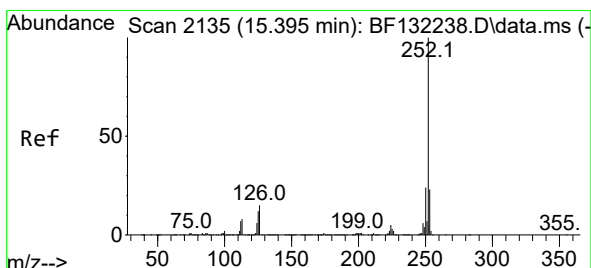
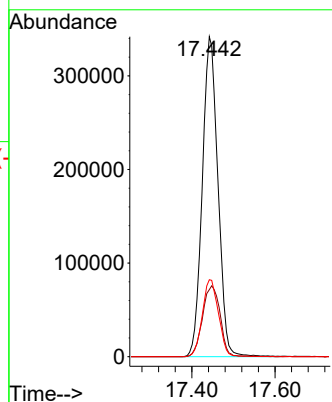
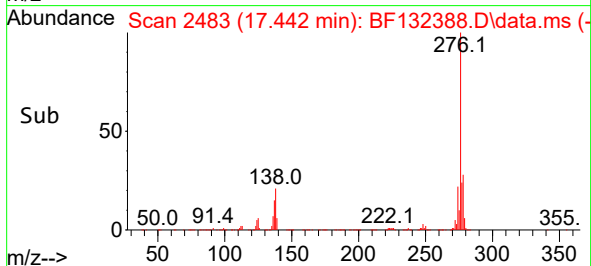
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 892618
Ion Ratio Lower Upper
276 100
138 25.0 23.3 34.9
277 24.9 20.0 30.0

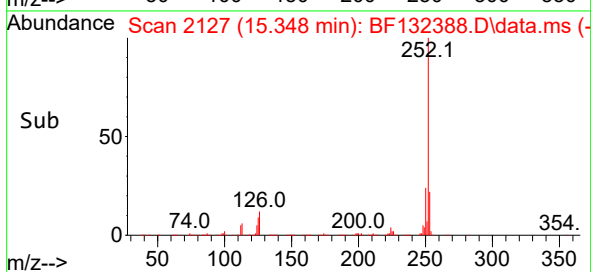
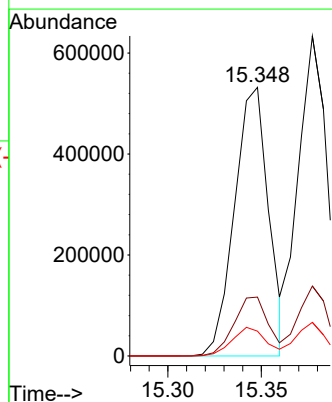
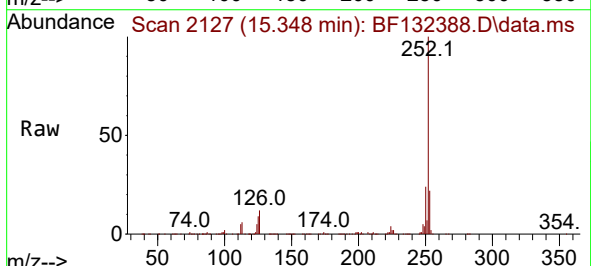
Manual Integrations
APPROVED

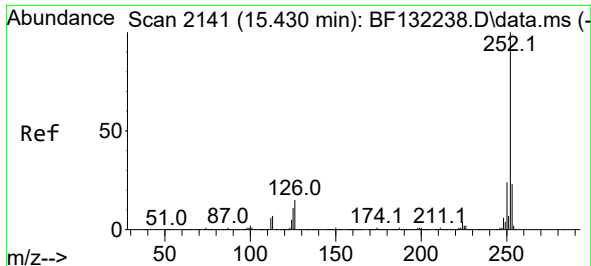
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#88
Benzo(b)fluoranthene
Concen: 37.800 ng m
RT: 15.348 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

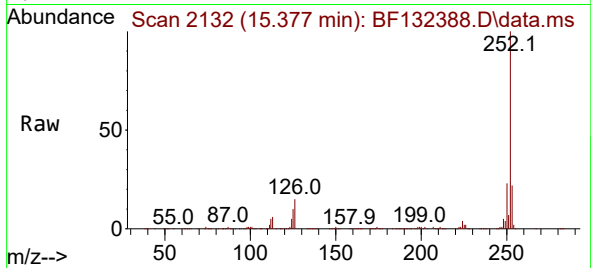
Tgt Ion:252 Resp: 674120
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 9.2 9.6 14.4#





#89
Benzo(k)fluoranthene
Concen: 40.447 ng
RT: 15.377 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

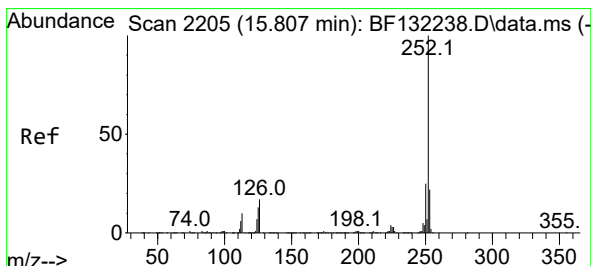
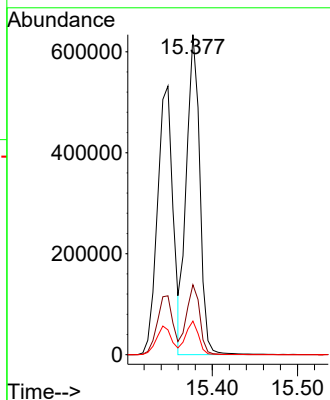
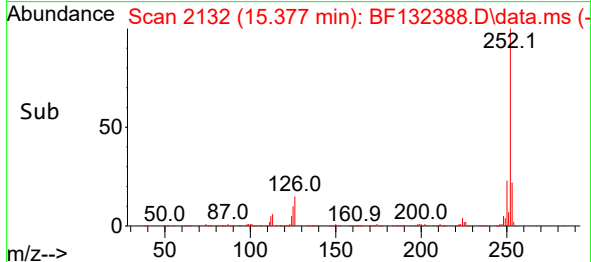
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 688539
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.5 9.0 13.6

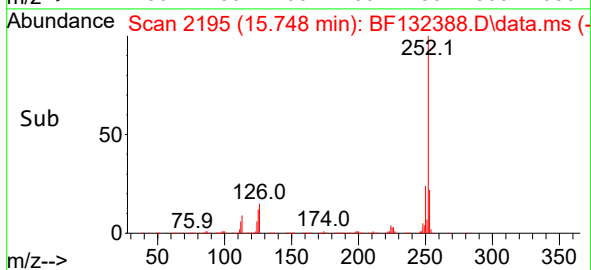
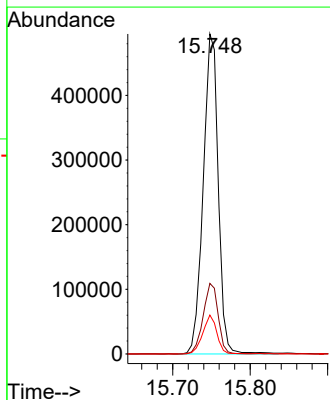
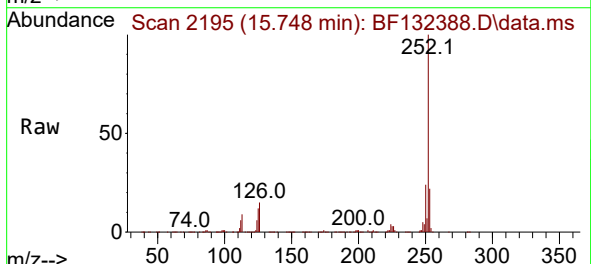
Manual Integrations
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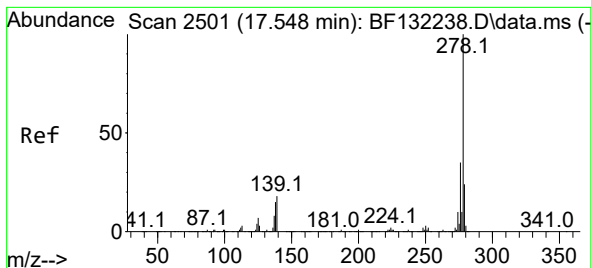
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#90
Benzo(a)pyrene
Concen: 40.090 ng
RT: 15.748 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF132388.D
Acq: 10 Feb 2023 12:14

Tgt Ion:252 Resp: 665780
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.2 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 48.852 ng

RT: 17.465 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 73221

Ion Ratio Lower Upper

278 100

139 15.3 14.2 21.2

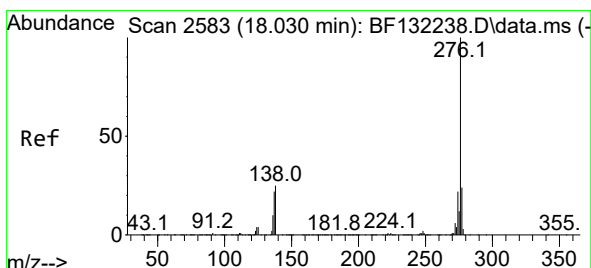
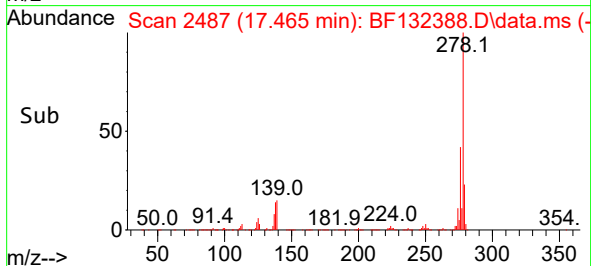
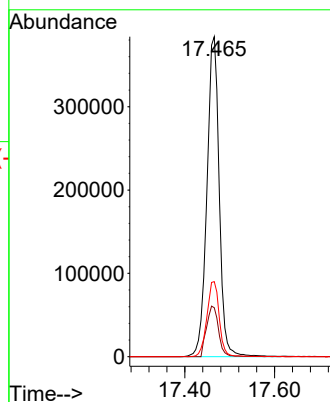
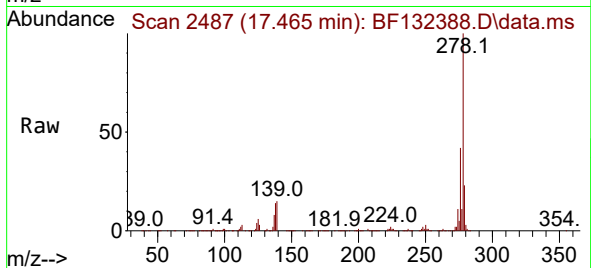
279 23.5 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#92

Benzo(g,h,i)perylene

Concen: 48.910 ng

RT: 17.942 min Scan# 2568

Delta R.T. 0.000 min

Lab File: BF132388.D

Acq: 10 Feb 2023 12:14

Tgt Ion:276 Resp: 757349

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 22.1 20.3 30.5

