

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
 Data File : BF132889.D
 Acq On : 17 Apr 2023 15:03
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 04:44:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	319121	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1209340	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	609537	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1047252	20.000	ng	0.00
76) Chrysene-d12	13.927	240	685795	20.000	ng	0.00
86) Perylene-d12	15.351	264	705335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1871450	91.700	ng	0.00
7) Phenol-d6	6.398	99	2389791	91.767	ng	0.00
23) Nitrobenzene-d5	7.340	82	2163993	93.272	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	593082	97.009	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	3380568	85.201	ng	0.00
79) Terphenyl-d14	12.880	244	3686430	91.709	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	464714	46.665	ng	99
3) Pyridine	3.163	79	1296739	47.612	ng	99
4) n-Nitrosodimethylamine	3.122	42	620904	47.979	ng	99
6) Aniline	6.434	93	1625623	47.070	ng	99
8) 2-Chlorophenol	6.551	128	956291	46.188	ng	97
9) Benzaldehyde	6.316	77	665018	43.159	ng	98
10) Phenol	6.416	94	1349494	46.073	ng	98
11) bis(2-Chloroethyl)ether	6.510	93	1000326	45.235	ng	97
12) 1,3-Dichlorobenzene	6.710	146	1045845	45.957	ng	98
13) 1,4-Dichlorobenzene	6.787	146	1034308	45.359	ng	99
14) 1,2-Dichlorobenzene	6.940	146	949133	44.580	ng	99
15) Benzyl Alcohol	6.910	79	851856	47.730	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1748273	45.689	ng	99
17) 2-Methylphenol	7.022	107	881976	46.509	ng	98
18) Hexachloroethane	7.281	117	367224	46.404	ng	99
19) n-Nitroso-di-n-propyla...	7.192	70	746556	45.927	ng	97
20) 3+4-Methylphenols	7.181	107	999657	44.600	ng	# 86
22) Acetophenone	7.181	105	1268548	44.715	ng	# 96
24) Nitrobenzene	7.357	77	1098074	46.176	ng	97
25) Isophorone	7.598	82	2065145	46.927	ng	98
26) 2-Nitrophenol	7.669	139	464792	51.811	ng	95
27) 2,4-Dimethylphenol	7.710	122	845912	46.225	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	1207870	45.906	ng	99
29) 2,4-Dichlorophenol	7.910	162	801632	47.063	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	848558	46.139	ng	98
31) Naphthalene	8.075	128	2742410	44.875	ng	100
32) Benzoic acid	7.839	122	485562m	53.188	ng	
33) 4-Chloroaniline	8.122	127	1165009	46.544	ng	99
34) Hexachlorobutadiene	8.198	225	483850	45.987	ng	99
35) Caprolactam	8.510	113	253482	49.972	ng	97
36) 4-Chloro-3-methylphenol	8.604	107	851285	47.616	ng	99
37) 2-Methylnaphthalene	8.769	142	1868241	44.415	ng	99
38) 1-Methylnaphthalene	8.863	142	1756130	44.807	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	789020	45.765	ng	99
41) Hexachlorocyclopentadiene	8.922	237	453097	49.861	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	529198	48.422	ng	98

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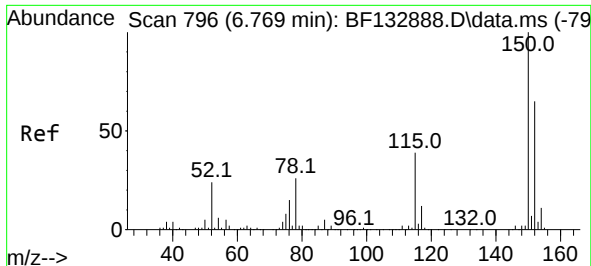
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	609526	47.695	ng	99
46) 1,1'-Biphenyl	9.233	154	2162067	44.744	ng	99
47) 2-Chloronaphthalene	9.257	162	1635473	45.738	ng	99
48) 2-Nitroaniline	9.345	65	541035	52.302	ng	98
49) Acenaphthylene	9.669	152	2566291	44.997	ng	99
50) Dimethylphthalate	9.539	163	1921909	45.606	ng	100
51) 2,6-Dinitrotoluene	9.592	165	445287	48.194	ng	92
52) Acenaphthene	9.845	154	1658089	45.116	ng	99
53) 3-Nitroaniline	9.763	138	516615	49.136	ng	93
54) 2,4-Dinitrophenol	9.863	184	188858	52.472	ng #	80
55) Dibenzofuran	10.016	168	2326927	44.626	ng	98
56) 4-Nitrophenol	9.910	139	386517	49.489	ng	92
57) 2,4-Dinitrotoluene	9.992	165	572962	50.246	ng	96
58) Fluorene	10.357	166	1653528	43.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	478460	48.240	ng	100
60) Diethylphthalate	10.233	149	1834171	46.578	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	848984	43.699	ng	97
62) 4-Nitroaniline	10.375	138	499662	49.444	ng	95
63) Azobenzene	10.510	77	1986324	45.157	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	260731	51.986	ng	83
66) n-Nitrosodiphenylamine	10.469	169	1560862	45.763	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	555863	46.482	ng	98
68) Hexachlorobenzene	10.904	284	577419	46.541	ng	96
69) Atrazine	10.998	200	460075	48.260	ng	98
70) Pentachlorophenol	11.092	266	397809	49.689	ng	99
71) Phenanthrene	11.316	178	2510815	44.573	ng	98
72) Anthracene	11.369	178	2582793	44.790	ng	100
73) Carbazole	11.522	167	2272163	45.539	ng	100
74) Di-n-butylphthalate	11.857	149	2593315	48.485	ng	100
75) Fluoranthene	12.498	202	2560820	45.715	ng	99
77) Benzidine	12.622	184	587192	54.965	ng	99
78) Pyrene	12.727	202	2647515	47.212	ng	100
80) Butylbenzylphthalate	13.357	149	640683	47.414	ng	88
81) Benzo(a)anthracene	13.916	228	2230052	47.815	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	610458	54.110	ng	99
83) Chrysene	13.957	228	2212400	47.726	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	953579	53.758	ng	100
85) Di-n-octyl phthalate	14.533	149	1843841	47.847	ng	98
87) Indeno(1,2,3-cd)pyrene	16.757	276	1900584	47.157	ng	100
88) Benzo(b)fluoranthene	14.945	252	2222057	50.575	ng	99
89) Benzo(k)fluoranthene	14.974	252	1964341	44.882	ng	99
90) Benzo(a)pyrene	15.298	252	1968089	49.031	ng	99
91) Dibenzo(a,h)anthracene	16.774	278	1603258	46.687	ng	99
92) Benzo(g,h,i)perylene	17.180	276	1520119	46.232	ng	99

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

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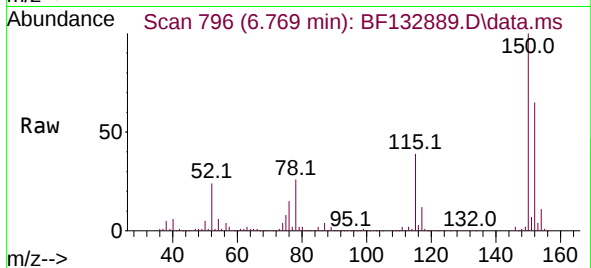
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF132889.D
 Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

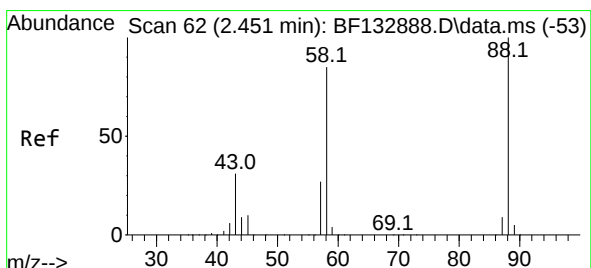
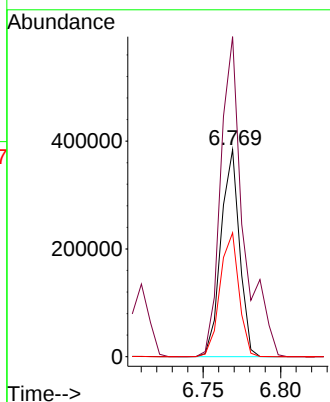
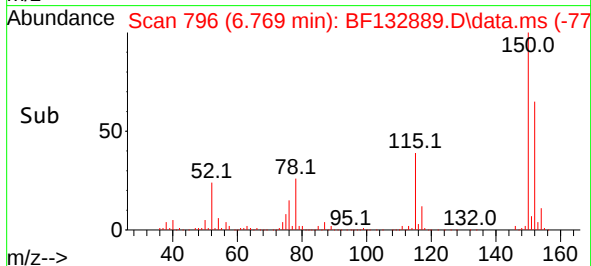


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 Ion Ratio Lower Upper
 152 100
 150 154.6 122.8 184.2
 115 59.8 47.3 70.9

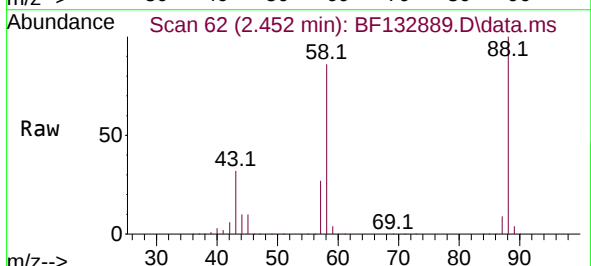
Manual Integrations

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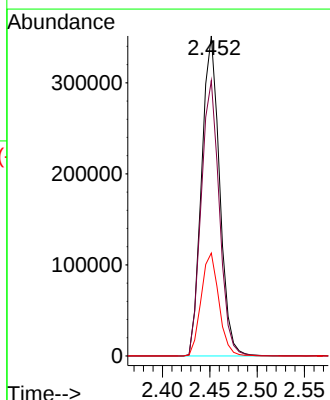
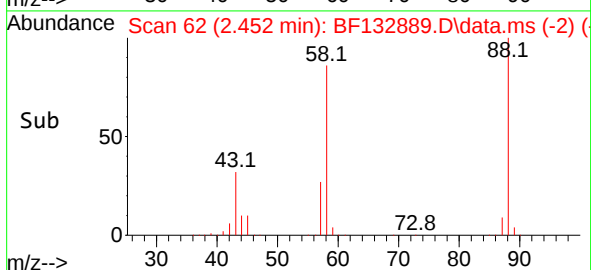
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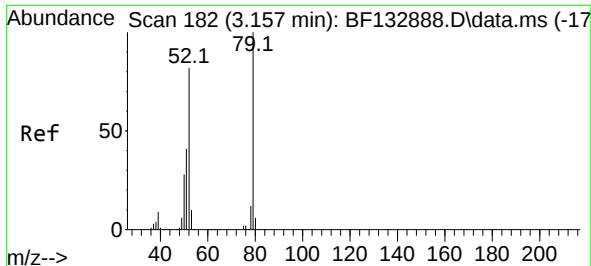


#2
 1,4-Dioxane
 Concen: 46.665 ng
 RT: 2.452 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: BF132889.D
 Acq: 17 Apr 2023 15:03



Tgt Ion: 88 Resp: 464714
 Ion Ratio Lower Upper
 88 100
 58 86.4 67.8 101.6
 43 31.7 25.4 38.0





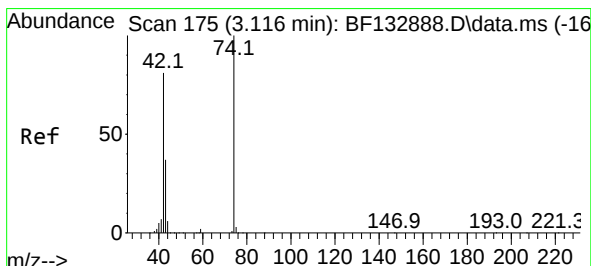
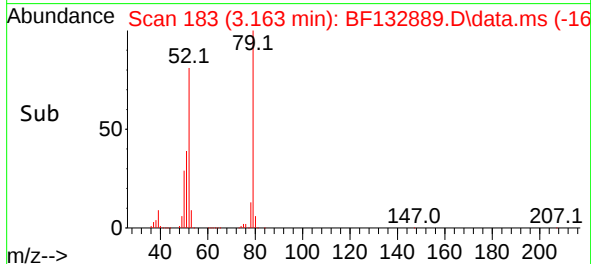
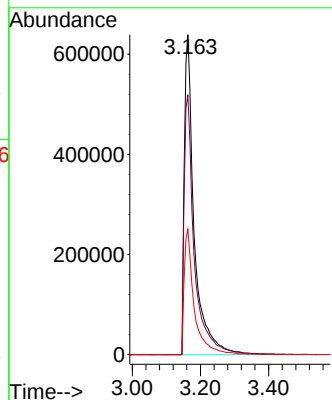
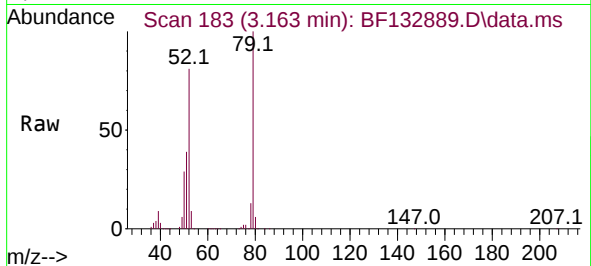
#3
Pyridine
Concen: 47.612 ng
RT: 3.163 min Scan# 182
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1296739
Ion Ratio Lower Upper
79 100
52 81.3 65.4 98.0
51 39.2 32.6 48.8

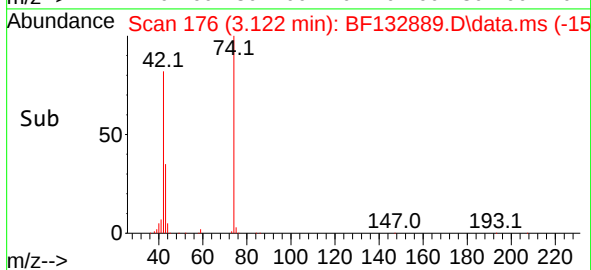
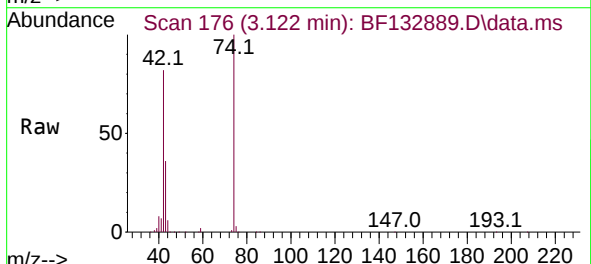
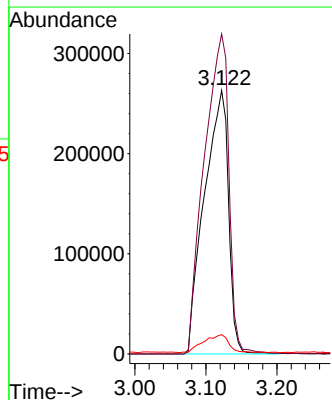
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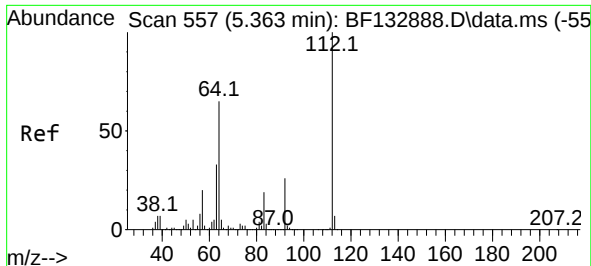
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#4
n-Nitrosodimethylamine
Concen: 47.979 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

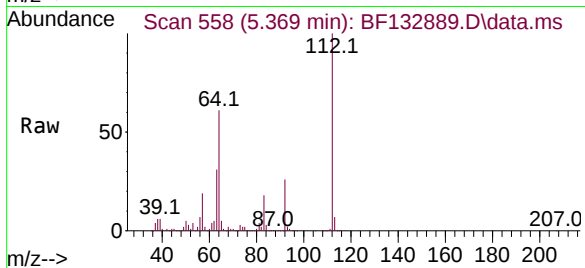
Tgt Ion: 42 Resp: 620904
Ion Ratio Lower Upper
42 100
74 121.4 98.4 147.6
44 7.3 6.1 9.1





#5
2-Fluorophenol
Concen: 91.700 ng
RT: 5.369 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

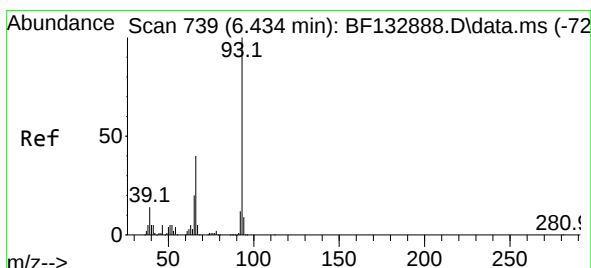
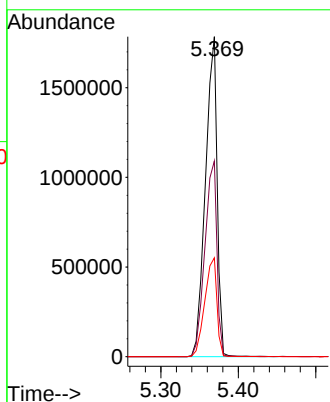
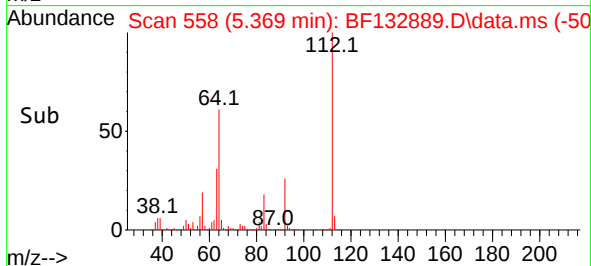
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Tgt Ion: 112 Resp: 1871450
Ion Ratio Lower Upper
112 100
64 61.2 51.8 77.8
63 30.9 26.3 39.5

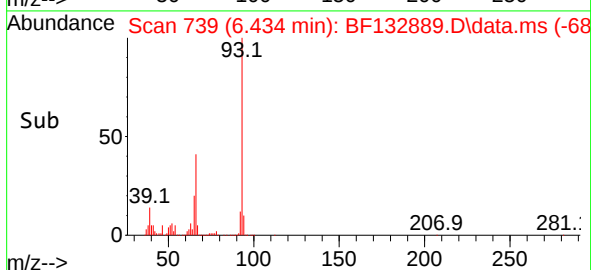
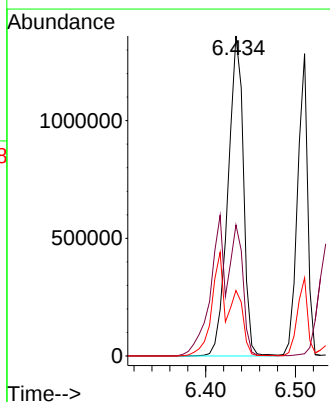
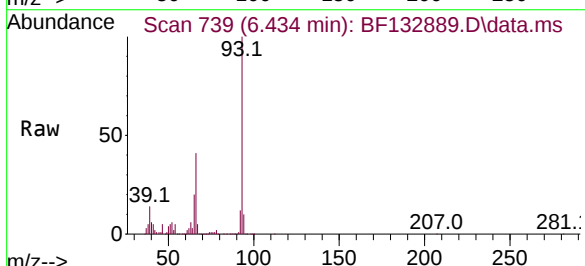
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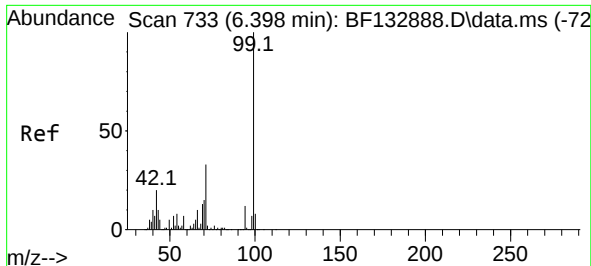
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#6
Aniline
Concen: 47.070 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

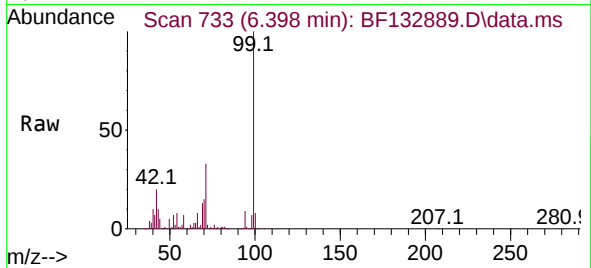
Tgt Ion: 93 Resp: 1625623
Ion Ratio Lower Upper
93 100
66 40.9 31.8 47.6
65 20.5 16.3 24.5





#7
Phenol-d6
Concen: 91.767 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

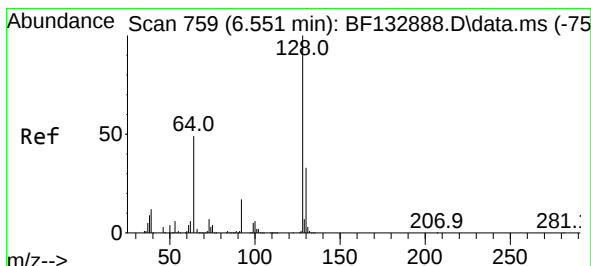
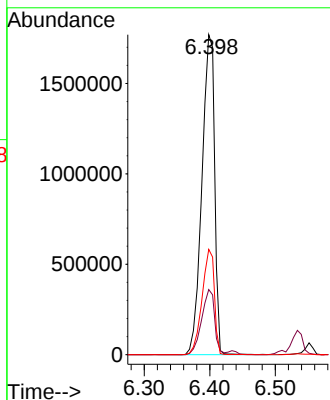
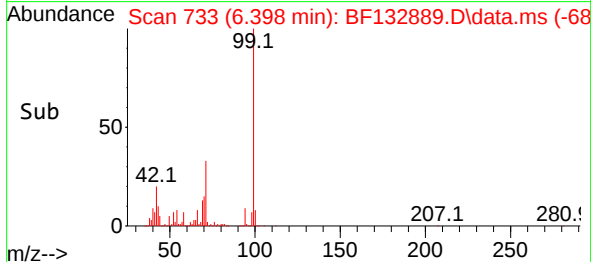
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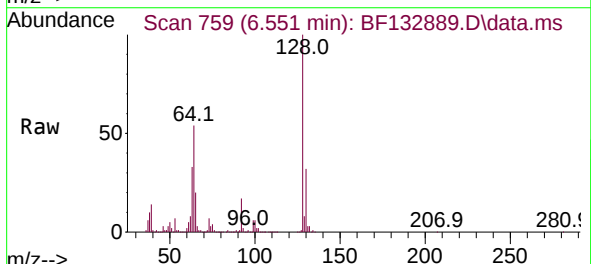
Tgt Ion: 99 Resp: 238979
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 32.9 26.1 39.1

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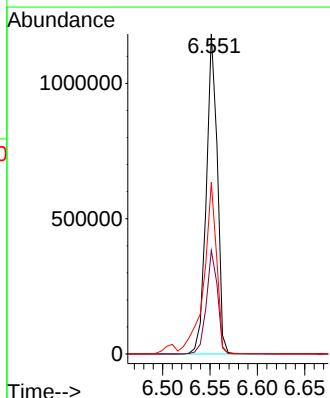
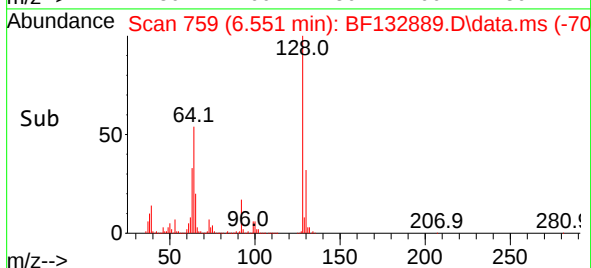
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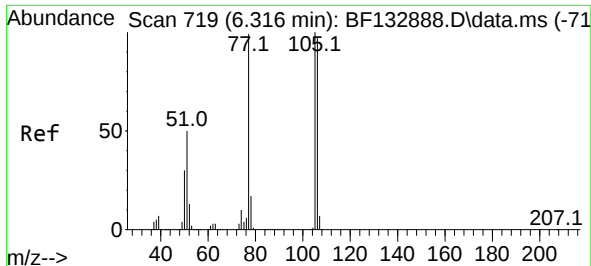


#8
2-Chlorophenol
Concen: 46.188 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



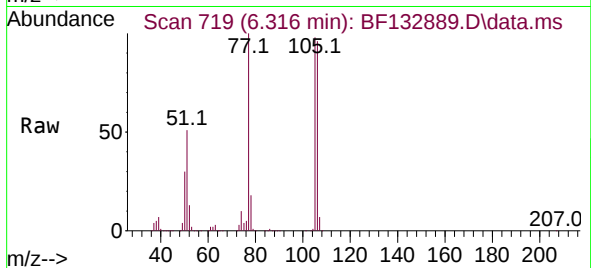
Tgt Ion:128 Resp: 956291
Ion Ratio Lower Upper
128 100
130 32.4 13.2 53.2
64 53.6 30.9 70.9





#9
Benzaldehyde
Concen: 43.159 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132889.D
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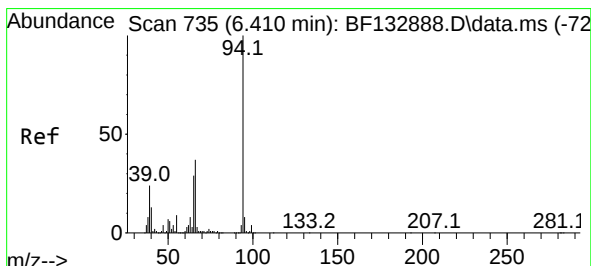
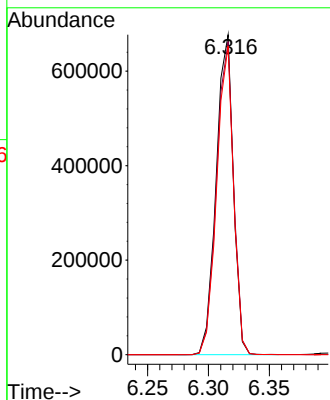
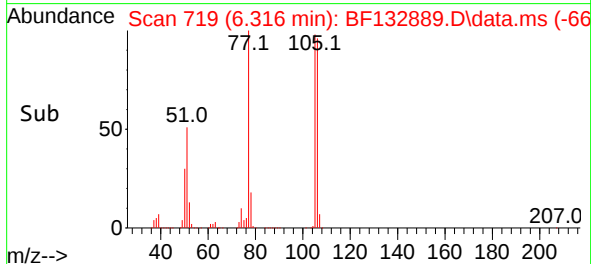
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BNA_F
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Tgt Ion: 77 Resp: 665018
Ion Ratio Lower Upper
77 100
105 97.8 80.8 120.8
106 96.5 77.9 117.9

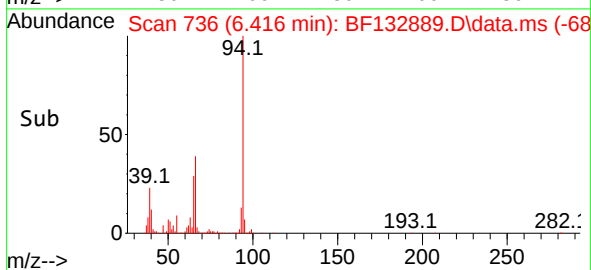
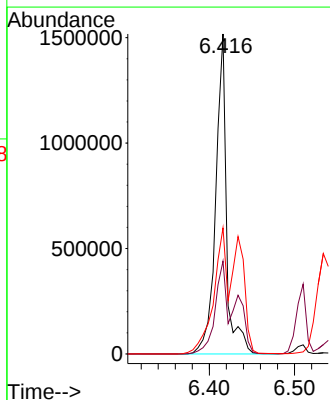
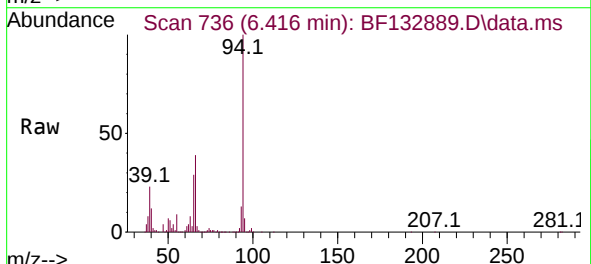
Manual Integrations
APPROVED

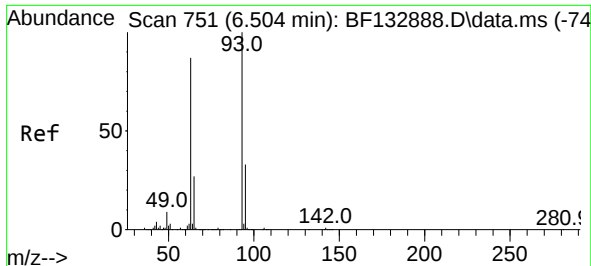
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#10
Phenol
Concen: 46.073 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

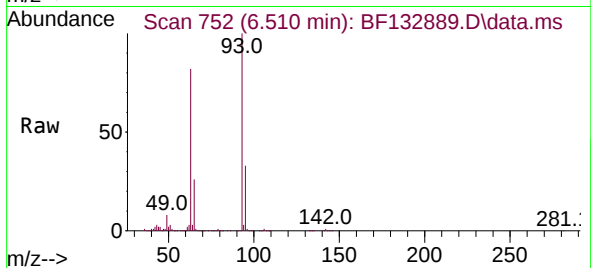
Tgt Ion: 94 Resp: 1349494
Ion Ratio Lower Upper
94 100
65 29.0 9.0 49.0
66 39.4 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 45.235 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

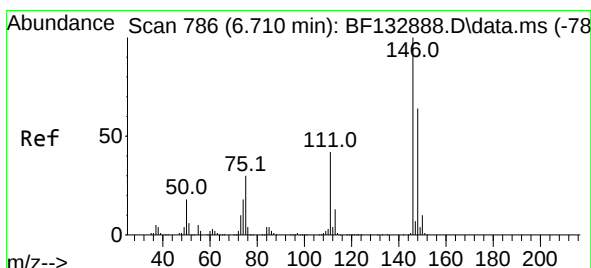
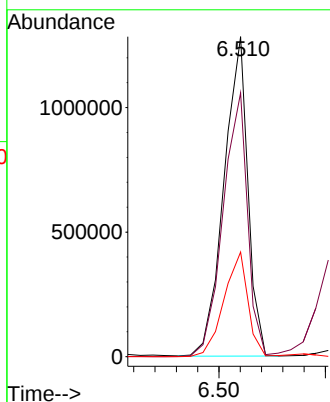
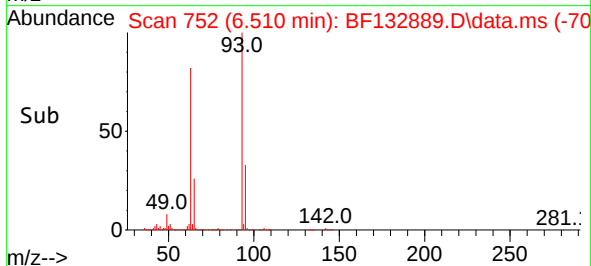
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



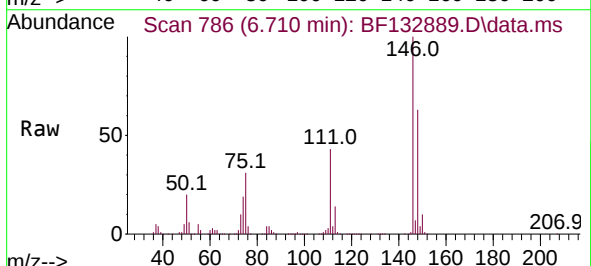
Tgt Ion: 93 Resp: 1000320
Ion Ratio Lower Upper
93 100
63 82.5 66.7 106.7
95 32.7 12.8 52.8

Manual Integrations
APPROVED

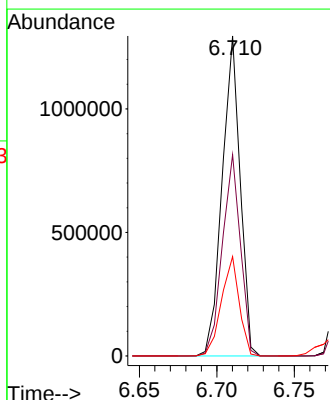
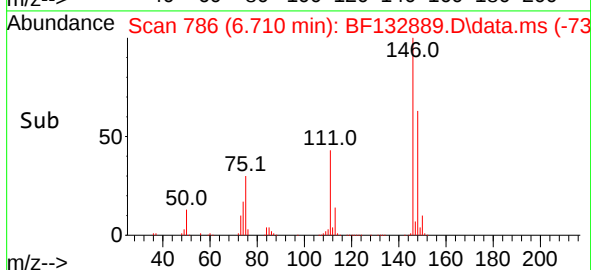
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

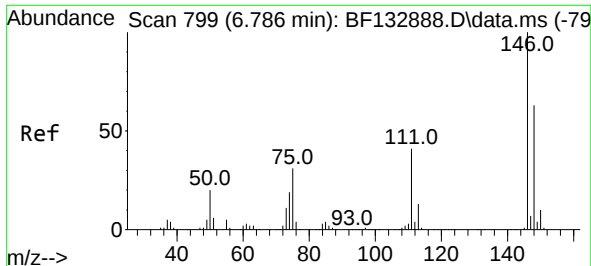


#12
1,3-Dichlorobenzene
Concen: 45.957 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:146 Resp: 1045845
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 31.0 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 45.359 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF132889.D

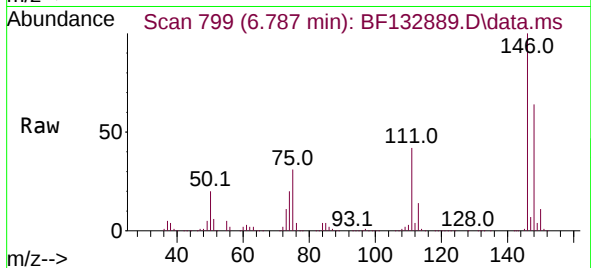
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:146 Resp: 1034308

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

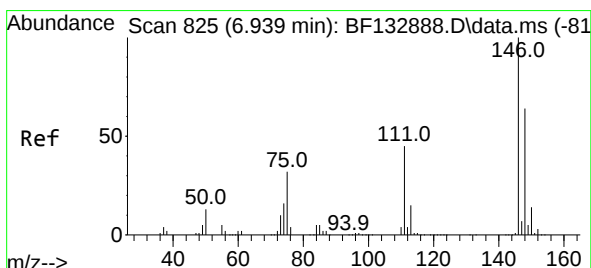
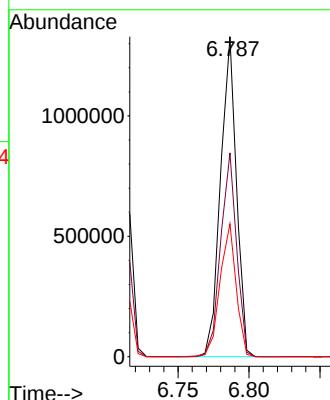
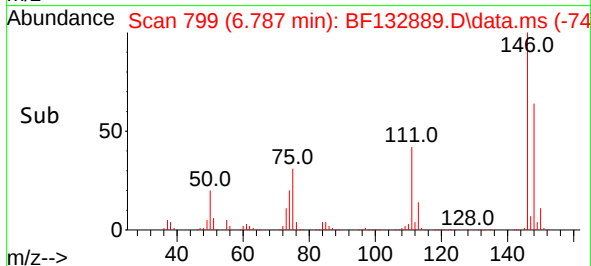
111 41.6 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#14

1,2-Dichlorobenzene

Concen: 44.580 ng

RT: 6.940 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

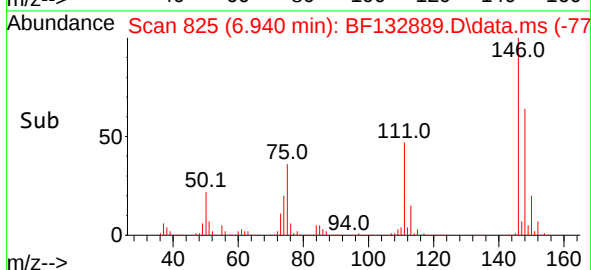
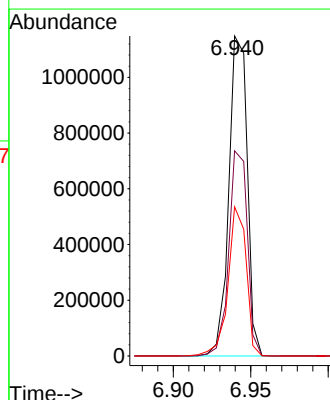
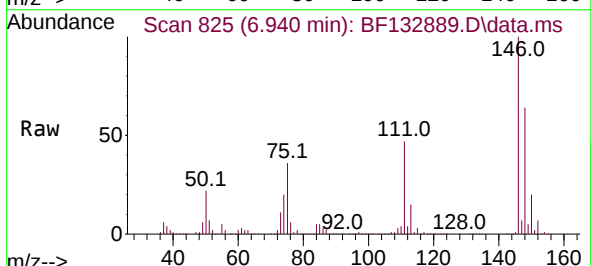
Tgt Ion:146 Resp: 949133

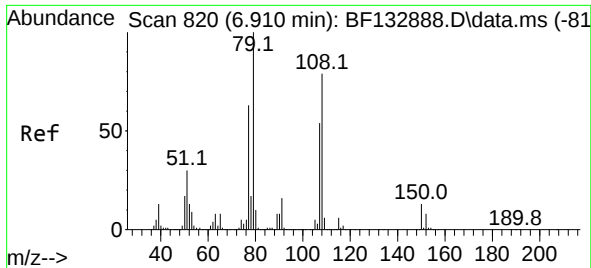
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 46.6 36.0 54.0





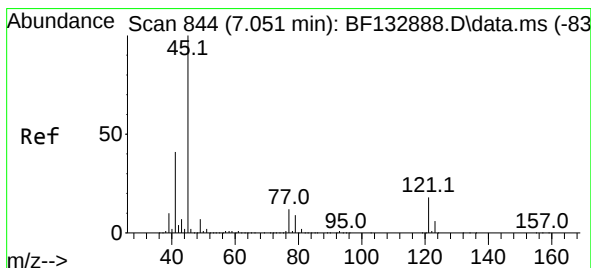
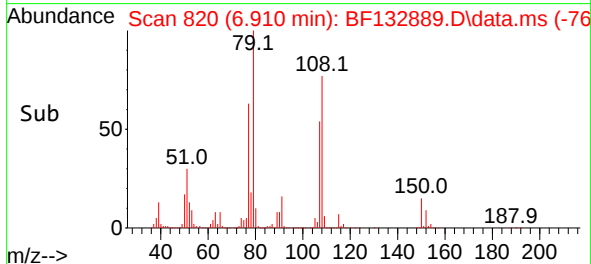
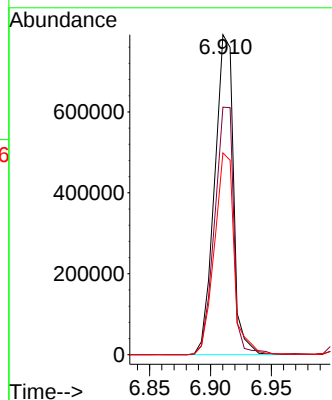
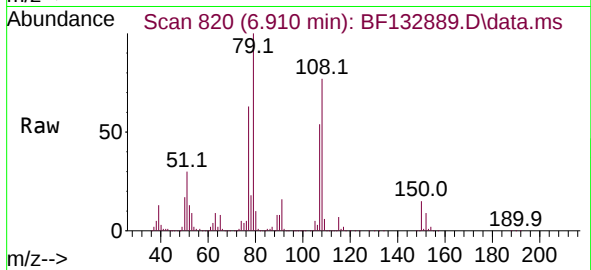
#15
Benzyl Alcohol
Concen: 47.730 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 851850
Ion Ratio Lower Upper
79 100
108 77.3 63.0 94.6
77 63.0 50.4 75.6

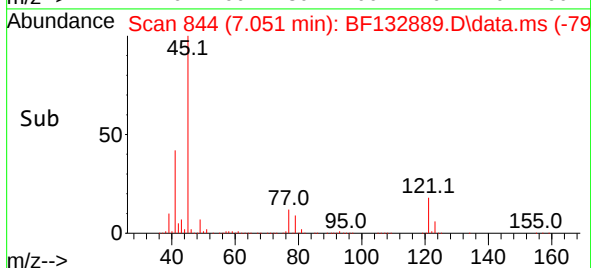
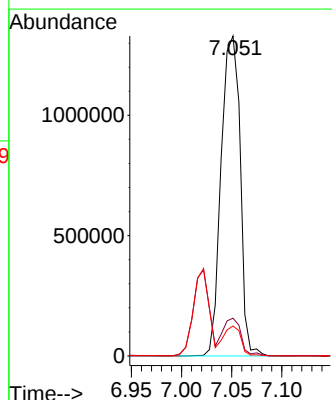
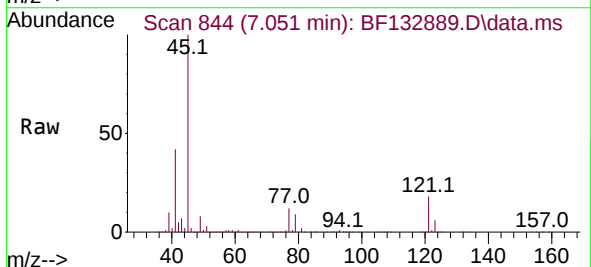
Manual Integrations
APPROVED

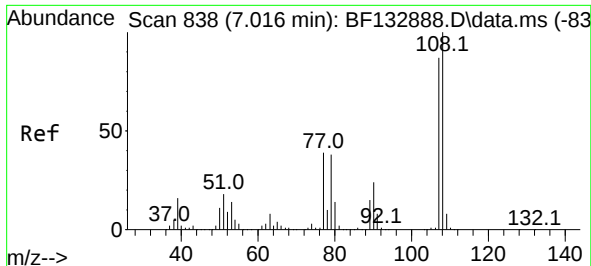
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.689 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

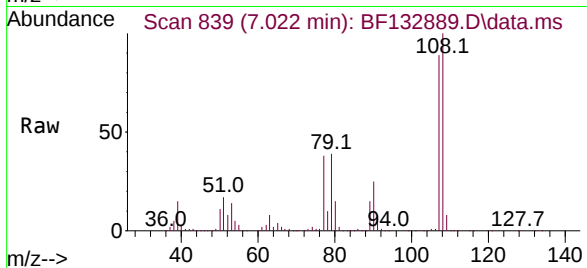
Tgt Ion: 45 Resp: 1748273
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.6
79 9.4 0.0 29.2





#17
2-Methylphenol
Concen: 46.509 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

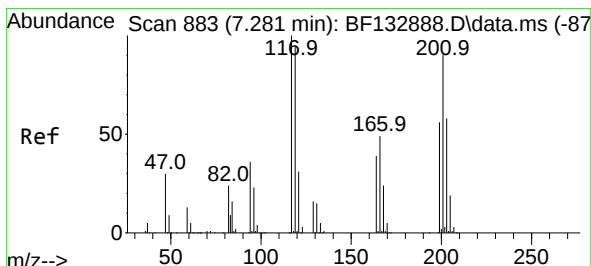
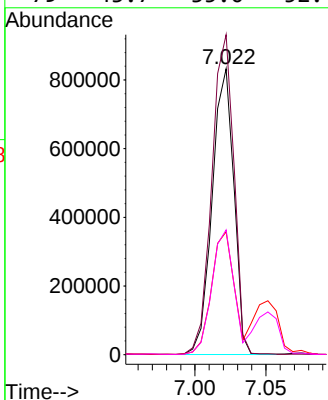
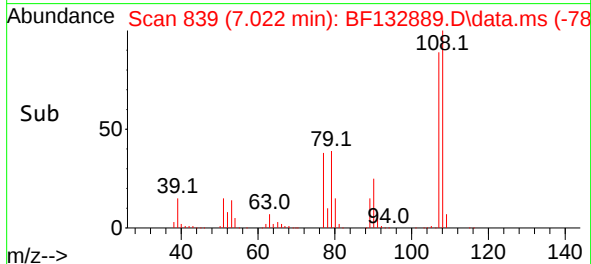
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



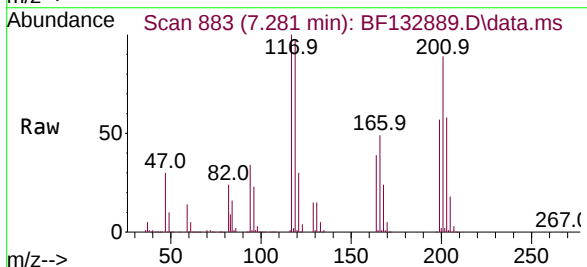
Tgt Ion:107 Resp: 881970
Ion Ratio Lower Upper
107 100
108 111.9 91.7 137.5
77 43.0 35.8 53.8
79 43.7 35.0 52.4

Manual Integrations
APPROVED

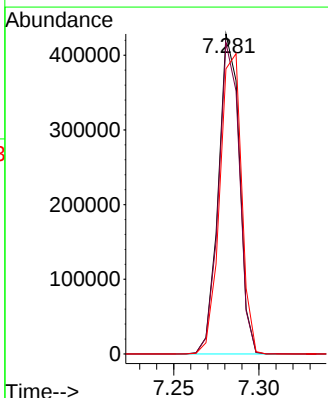
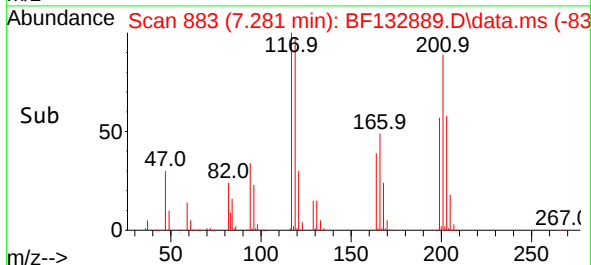
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

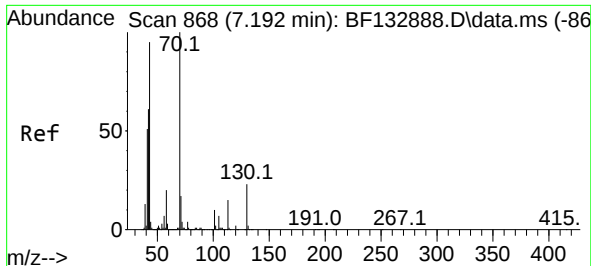


#18
Hexachloroethane
Concen: 46.404 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:117 Resp: 367224
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
201 89.1 71.8 107.6





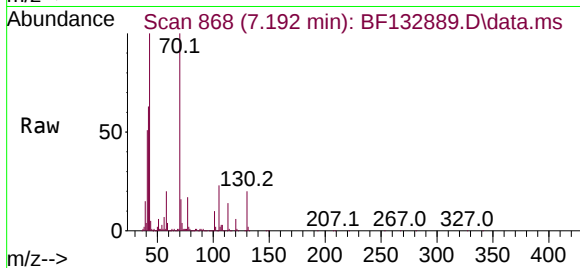
#19
n-Nitroso-di-n-propylamine
Concen: 45.927 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

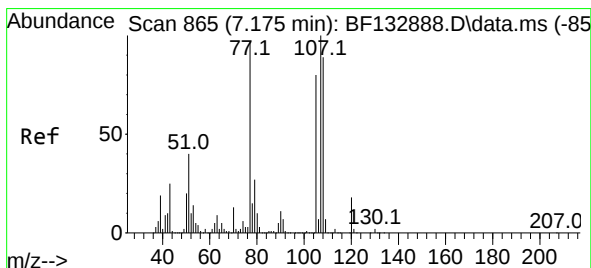
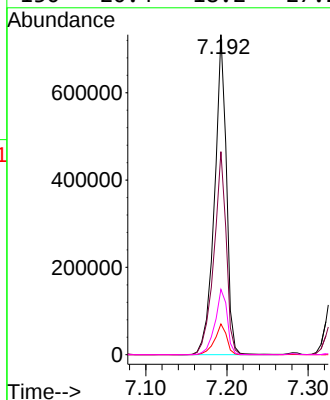
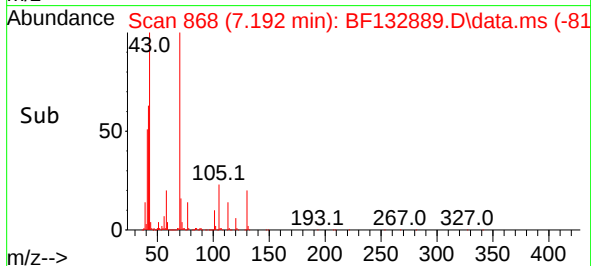


Tgt Ion: 70 Resp: 746550
Ion Ratio Lower Upper
70 100
42 63.5 49.0 73.6
101 9.6 8.1 12.1
130 20.4 18.2 27.2

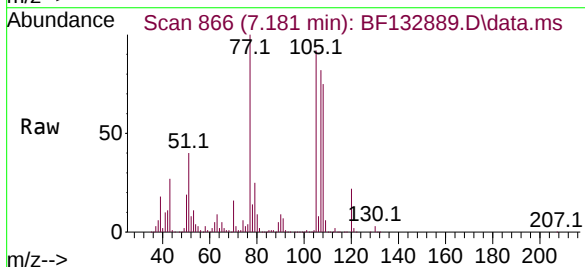
Manual Integrations

APPROVED

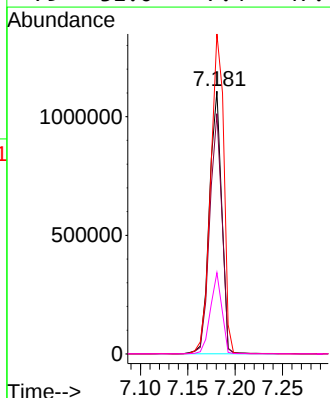
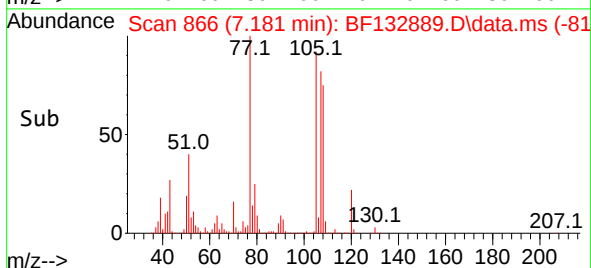
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

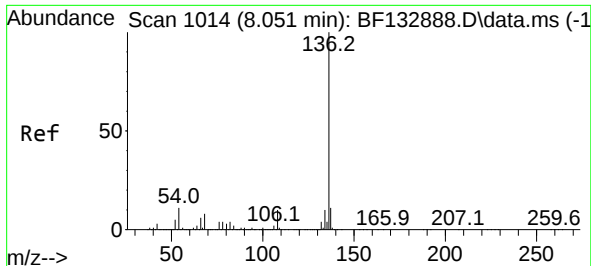


#20
3+4-Methylphenols
Concen: 44.600 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:107 Resp: 999657
Ion Ratio Lower Upper
107 100
108 91.5 68.5 108.5
77 121.8 77.1 117.1#
79 31.0 7.4 47.4





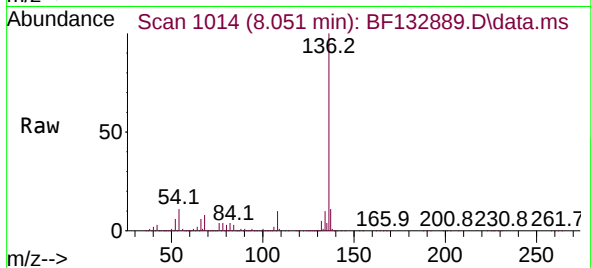
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

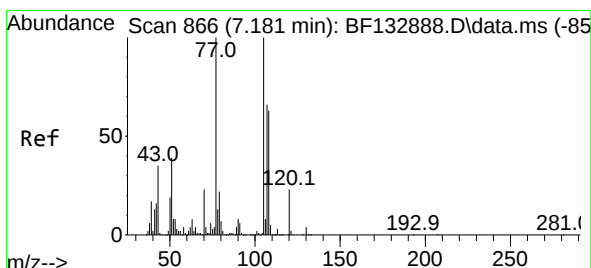
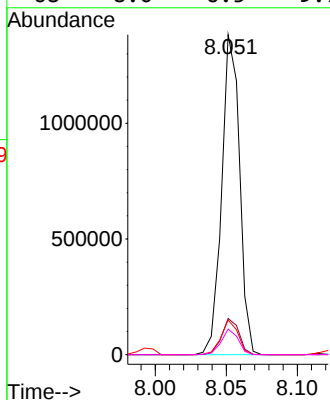
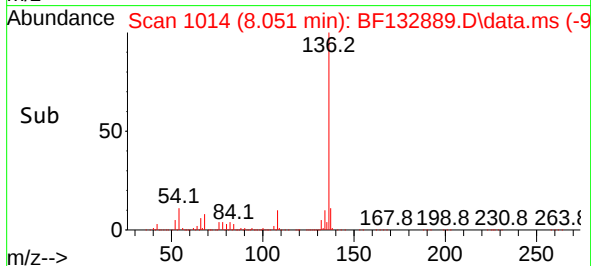


Tgt Ion:136 Resp: 1209340
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.8 8.9 13.3
68 8.0 6.5 9.7

Manual Integrations

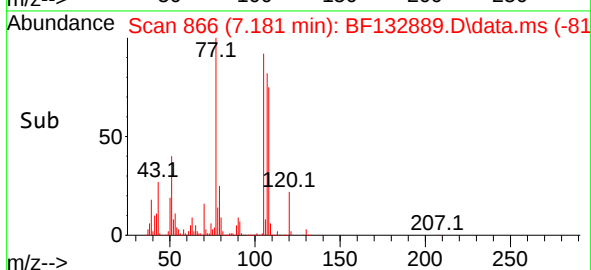
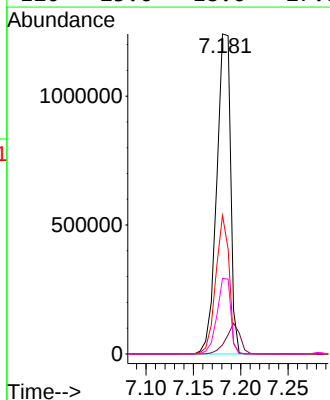
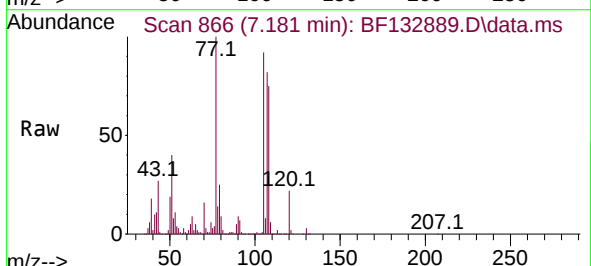
APPROVED

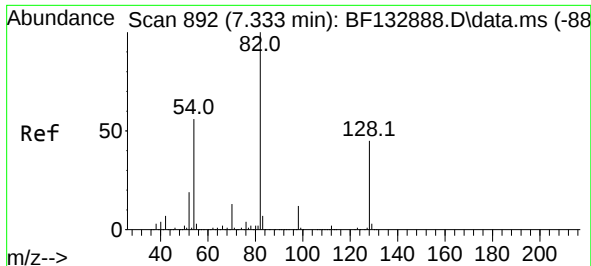
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#22
Acetophenone
Concen: 44.715 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:105 Resp: 1268548
Ion Ratio Lower Upper
105 100
71 2.8 3.1 4.7#
51 43.3 31.4 47.2
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 93.272 ng

RT: 7.340 min Scan# 892

Delta R.T. 0.006 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 216399

Ion Ratio Lower Upper

82 100

128 46.4 35.7 53.5

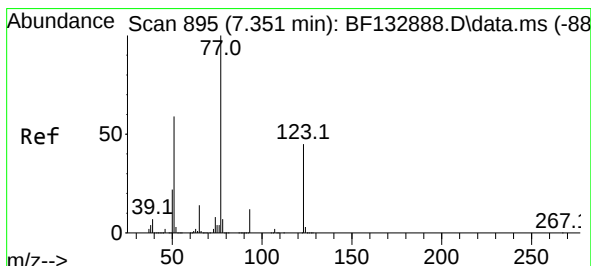
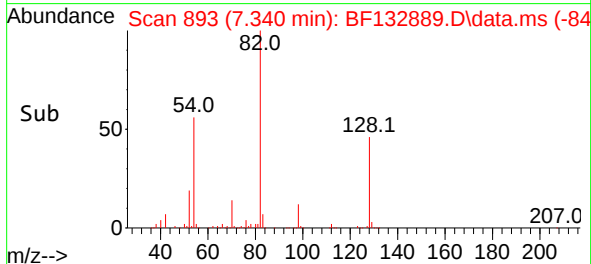
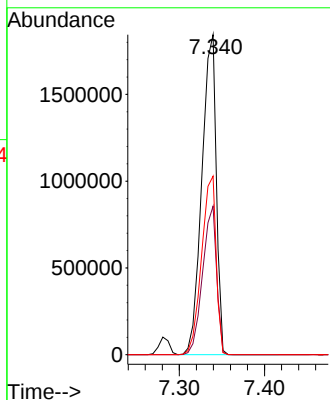
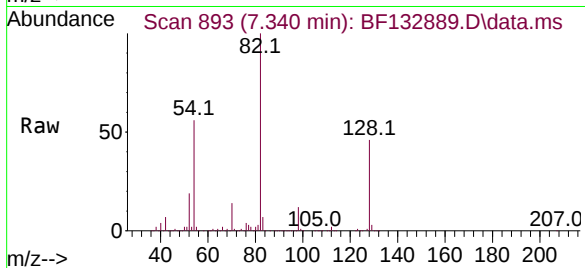
54 55.8 44.7 67.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#24

Nitrobenzene

Concen: 46.176 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.006 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

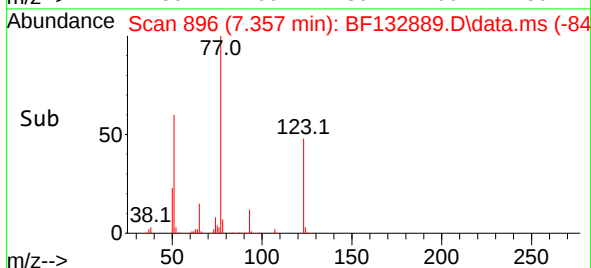
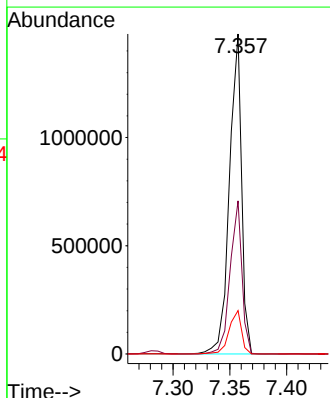
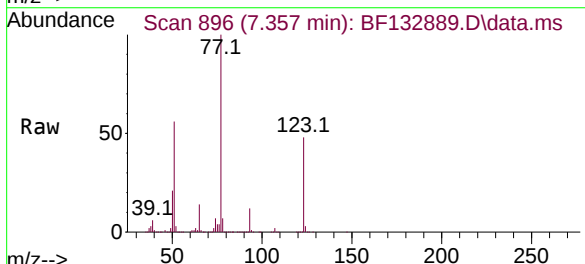
Tgt Ion: 77 Resp: 1098074

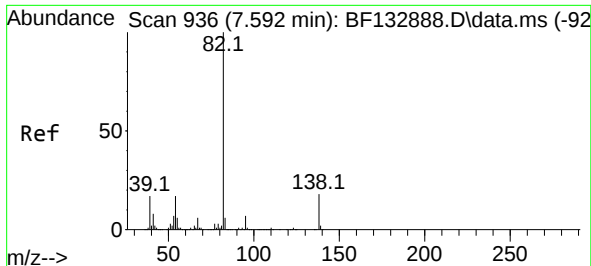
Ion Ratio Lower Upper

77 100

123 47.8 36.3 54.5

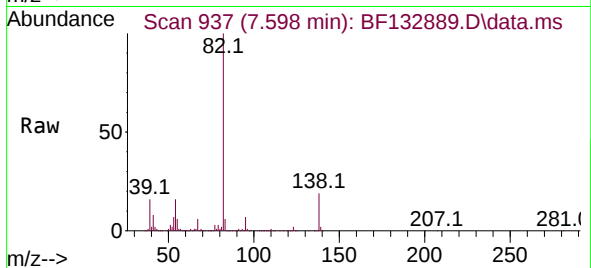
65 13.6 11.2 16.8





#25
Isophorone
Concen: 46.927 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

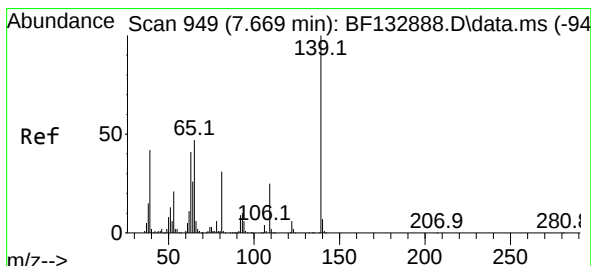
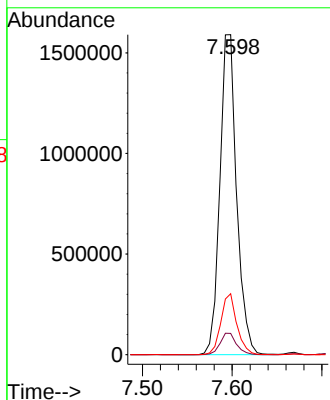
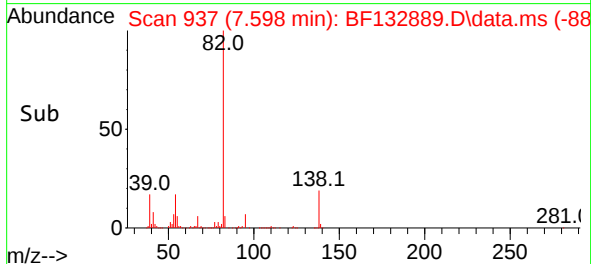
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 206514
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.0 14.2 21.2

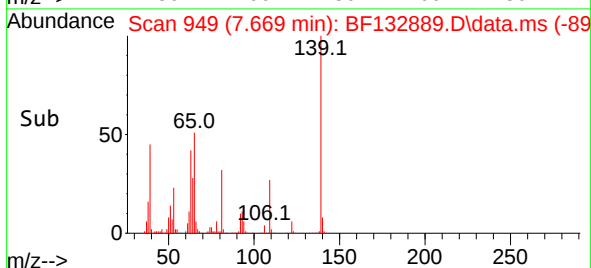
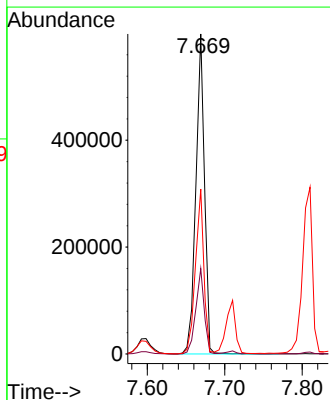
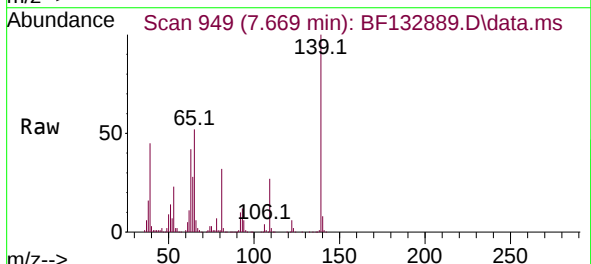
Manual Integrations
APPROVED

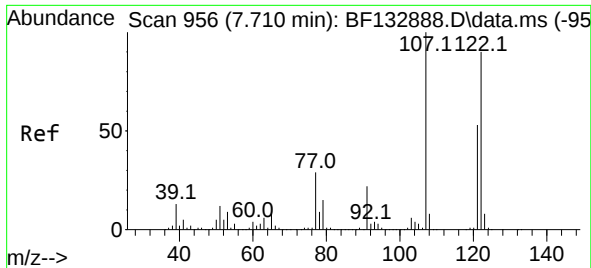
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#26
2-Nitrophenol
Concen: 51.811 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:139 Resp: 464792
Ion Ratio Lower Upper
139 100
109 26.7 20.1 30.1
65 51.5 38.0 57.0





#27
2,4-Dimethylphenol
Concen: 46.225 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

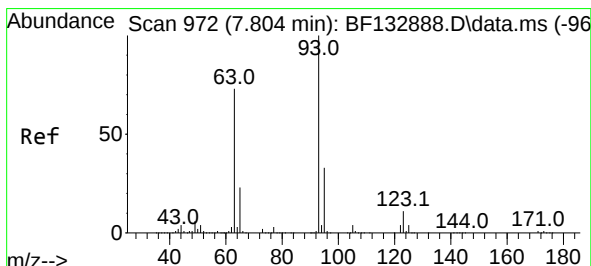
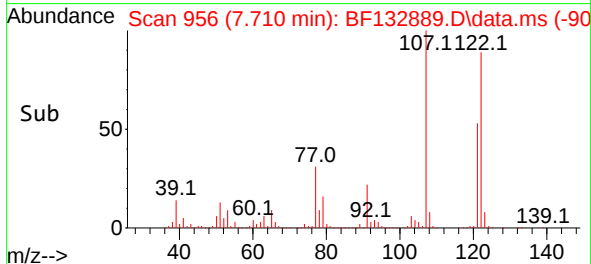
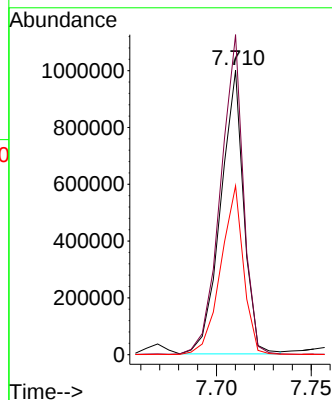
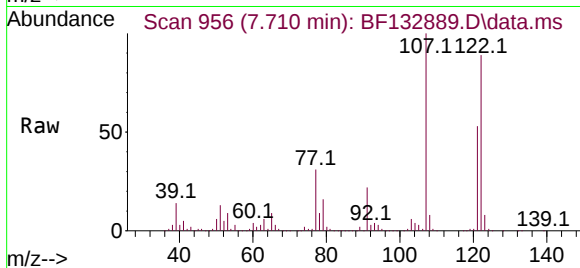
SSTDICC050

Tgt Ion:122 Resp: 845912
Ion Ratio Lower Upper
122 100
107 112.5 88.5 132.7
121 59.4 47.2 70.8

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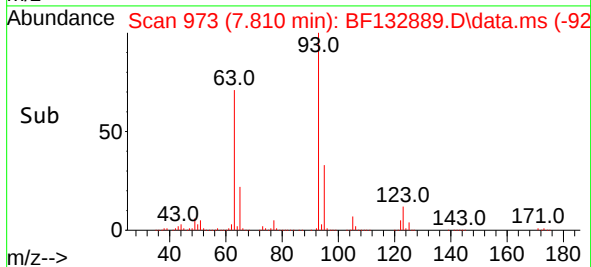
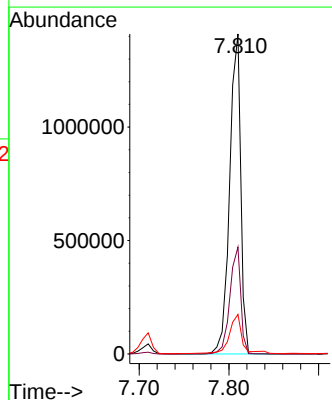
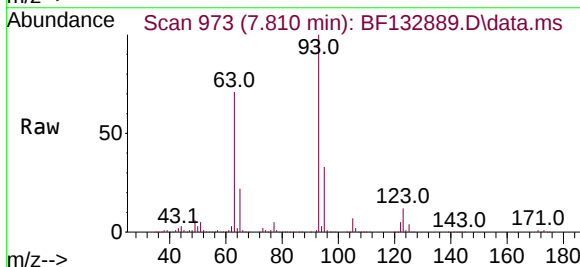
APPROVED

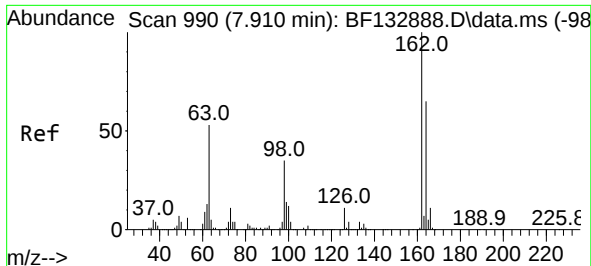
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.906 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion: 93 Resp: 1207870
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 12.4 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 47.063 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

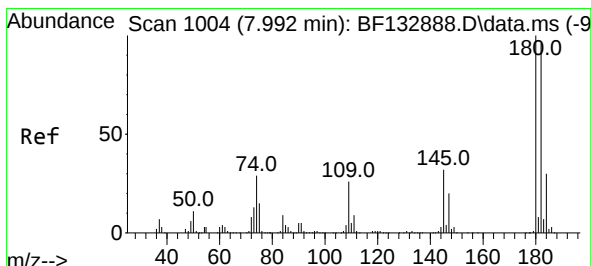
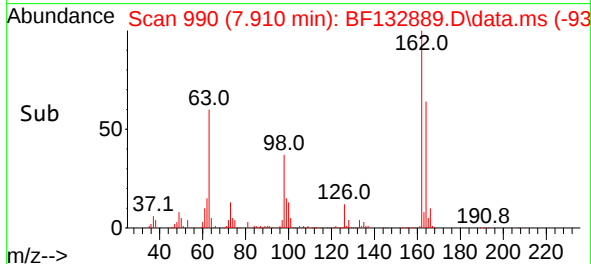
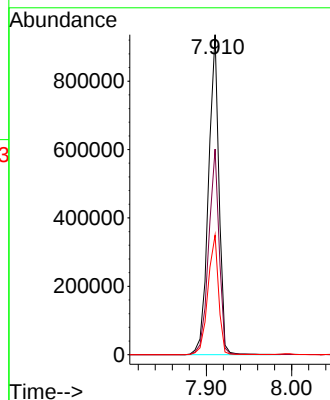
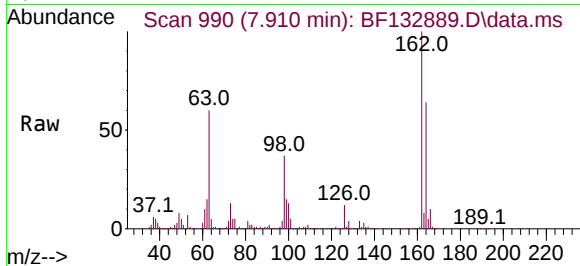
SSTDICC050

Tgt Ion:162	Resp: 80163
Ion Ratio	Lower Upper
162 100	
164 64.3	45.2 85.2
98 37.4	14.8 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.139 ng

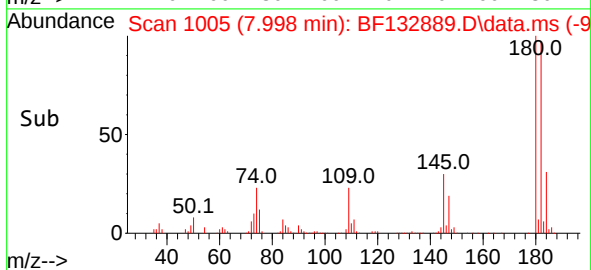
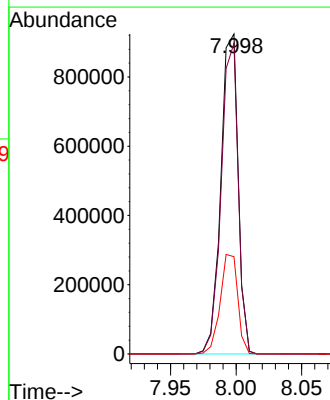
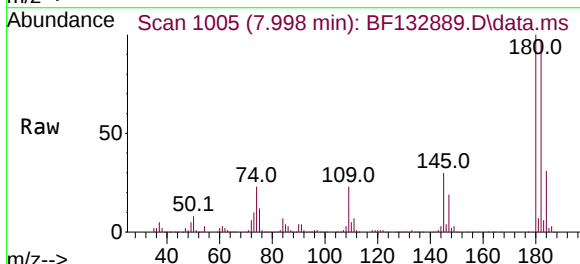
RT: 7.998 min Scan# 1005

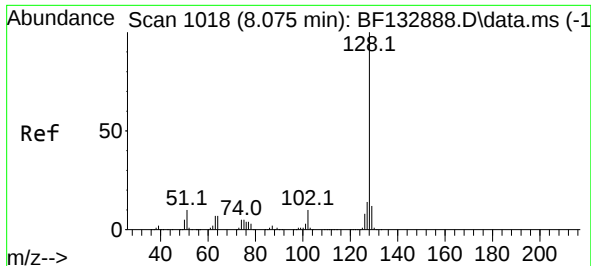
Delta R.T. 0.006 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

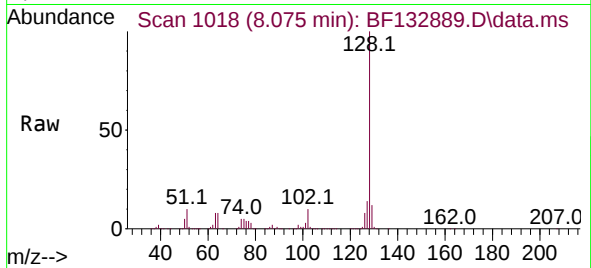
Tgt Ion:180	Resp: 848558
Ion Ratio	Lower Upper
180 100	
182 97.1	76.6 114.8
145 30.4	25.4 38.0





#31
Naphthalene
Concen: 44.875 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

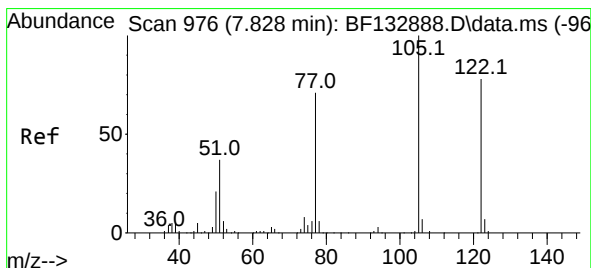
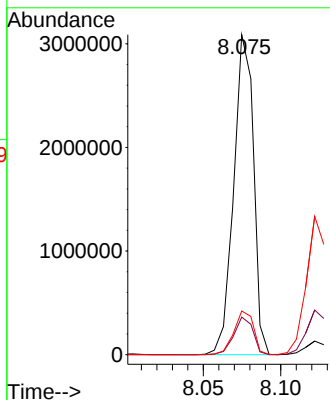
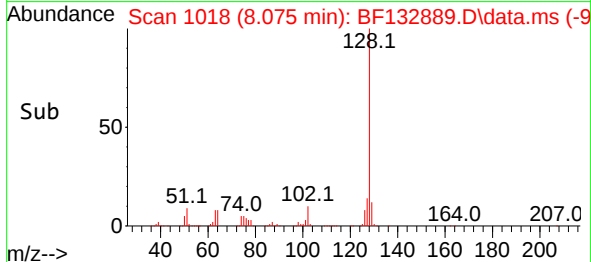
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 2742410
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.6 11.0 16.6

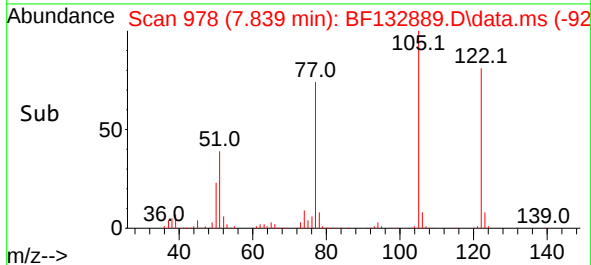
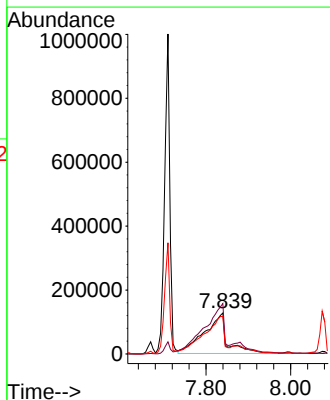
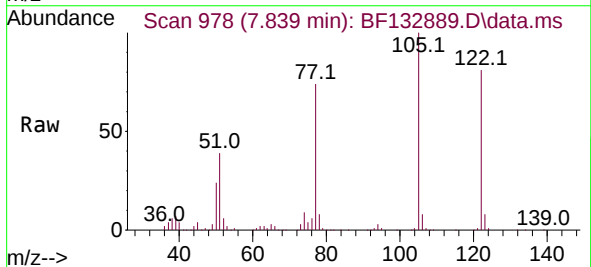
Manual Integrations
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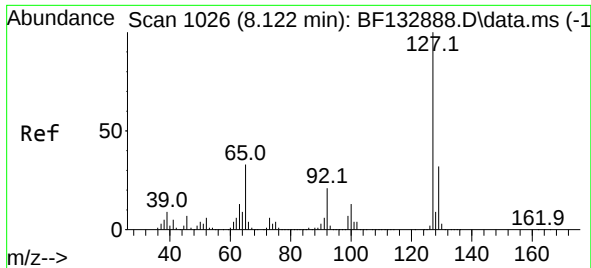
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#32
Benzoic acid
Concen: 53.188 ng m
RT: 7.839 min Scan# 978
Delta R.T. 0.011 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:122 Resp: 485562
Ion Ratio Lower Upper
122 100
105 122.9 104.5 144.5
77 91.6 71.2 111.2





#33

4-Chloroaniline

Concen: 46.544 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 1165009

Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 34.1 26.7 40.1

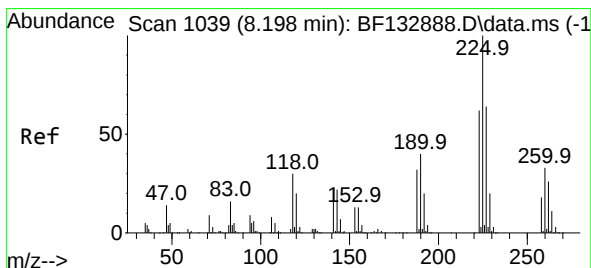
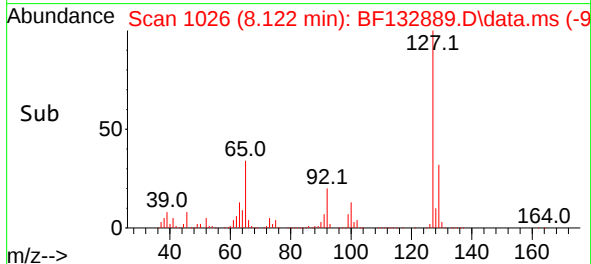
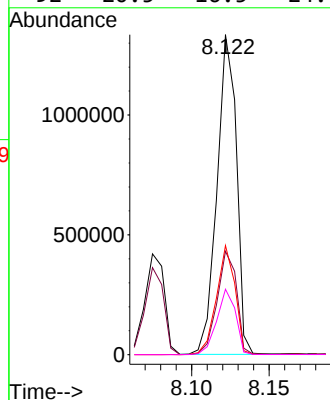
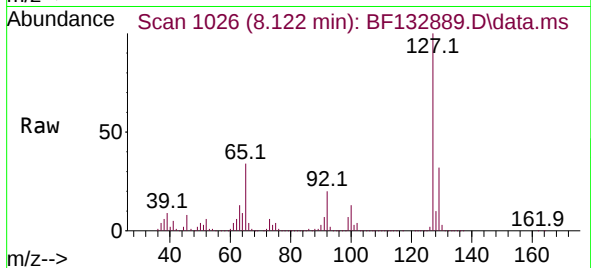
92 20.5 16.5 24.7

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#34

Hexachlorobutadiene

Concen: 45.987 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

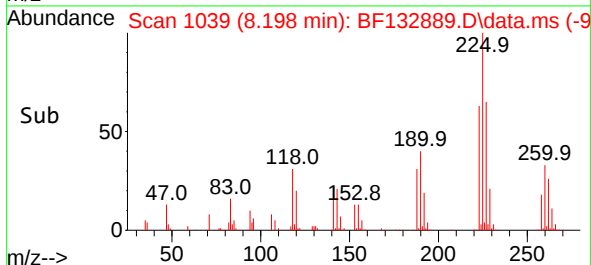
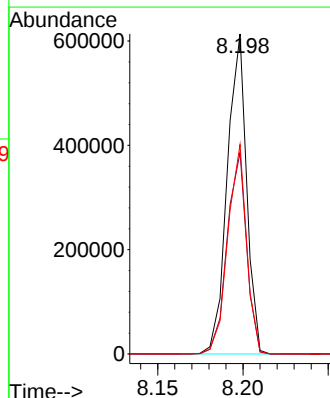
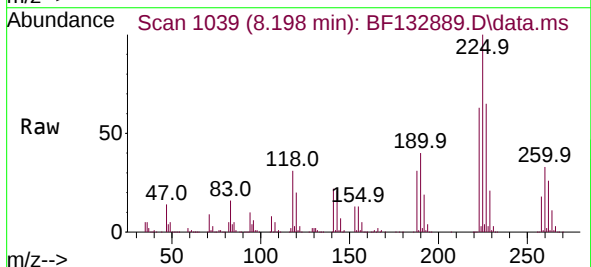
Tgt Ion:225 Resp: 483850

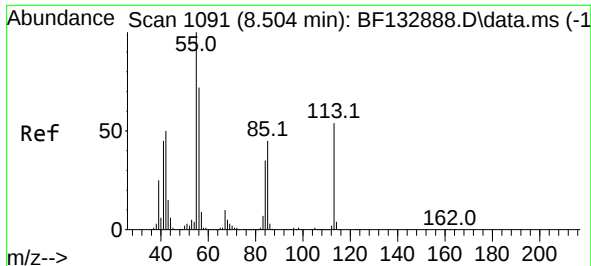
Ion Ratio Lower Upper

225 100

223 62.9 49.6 74.4

227 65.5 51.6 77.4





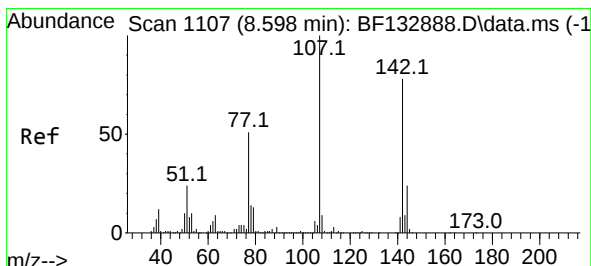
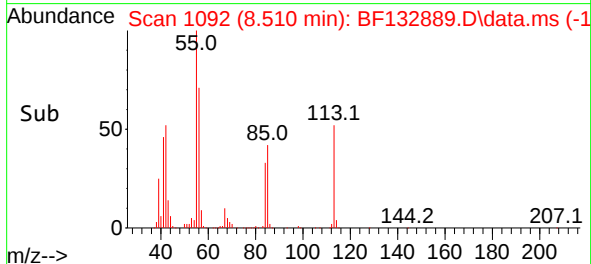
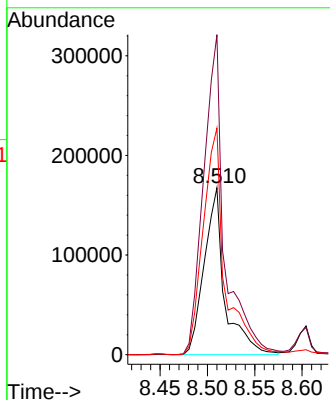
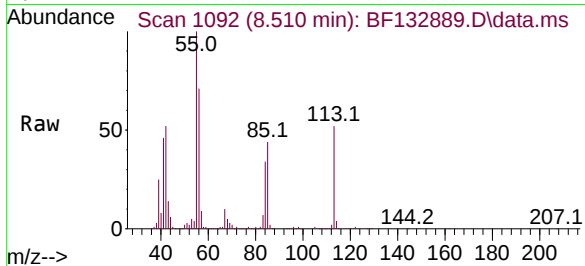
#35
Caprolactam
Concen: 49.972 ng
RT: 8.510 min Scan# 1091
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 25348
Ion Ratio Lower Upper
113 100
55 191.7 166.0 206.0
56 135.7 114.5 154.5

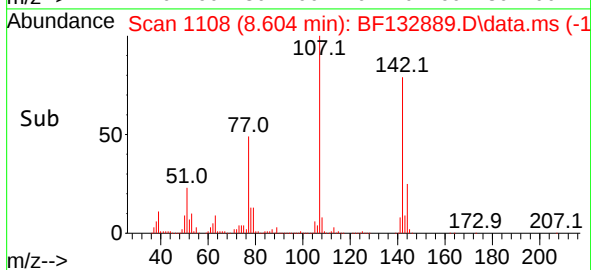
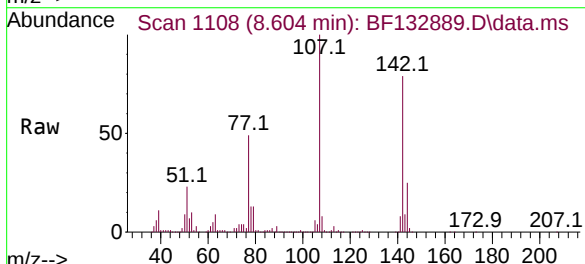
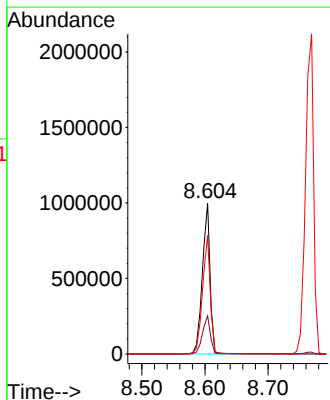
Manual Integrations
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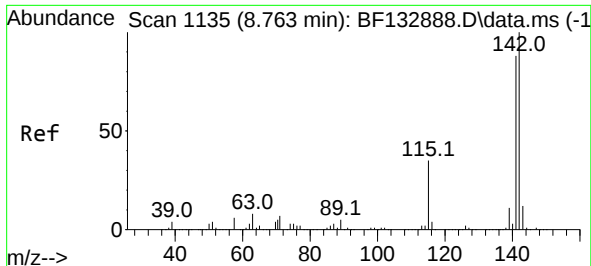
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#36
4-Chloro-3-methylphenol
Concen: 47.616 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:107 Resp: 851285
Ion Ratio Lower Upper
107 100
144 25.3 19.4 29.0
142 78.6 62.2 93.2





#37

2-Methylnaphthalene

Concen: 44.415 ng

RT: 8.769 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 186824

Ion Ratio Lower Upper

142 100

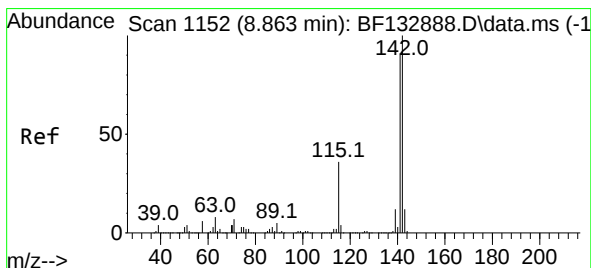
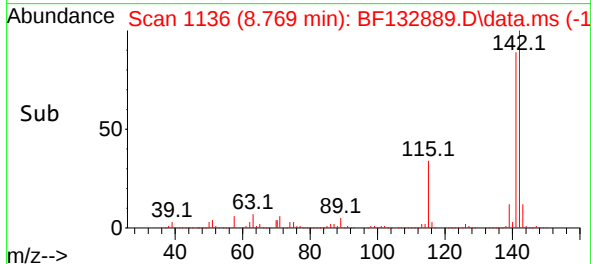
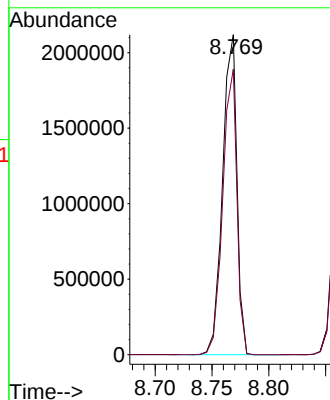
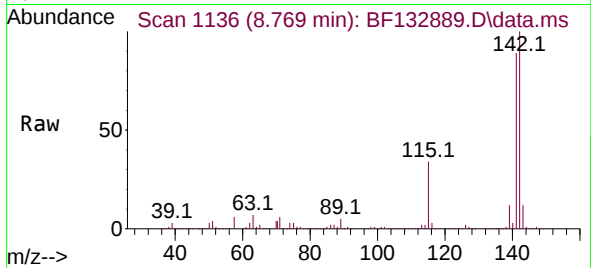
141 89.2 70.4 105.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#38

1-Methylnaphthalene

Concen: 44.807 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF132889.D

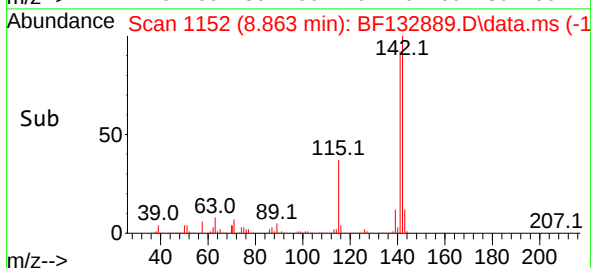
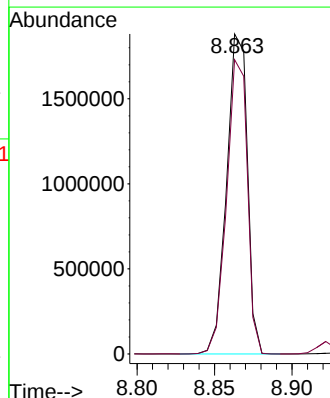
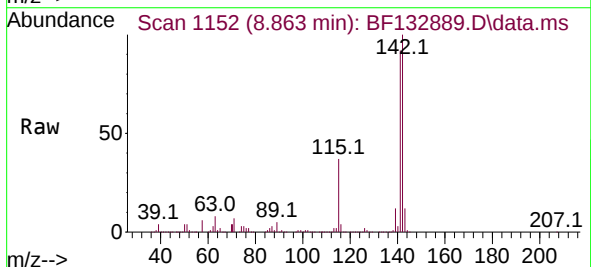
Acq: 17 Apr 2023 15:03

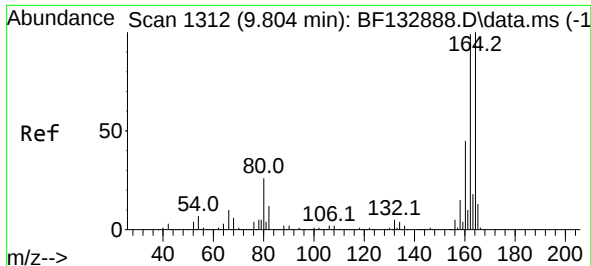
Tgt Ion:142 Resp: 1756130

Ion Ratio Lower Upper

142 100

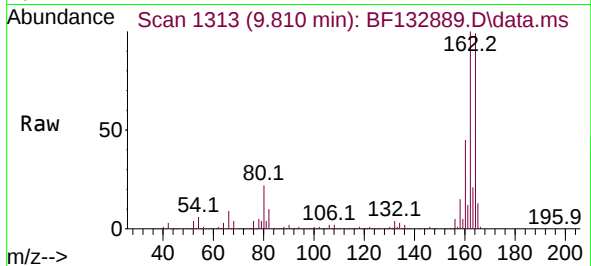
141 92.0 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

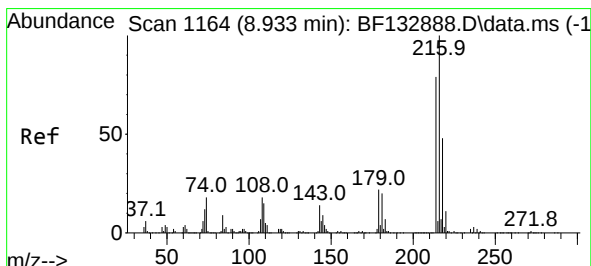
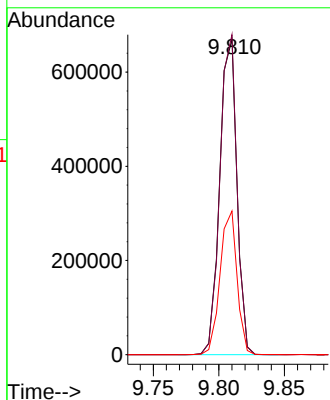
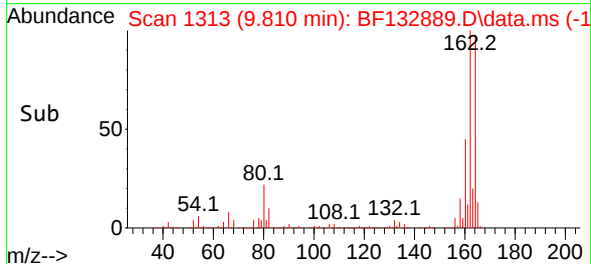
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



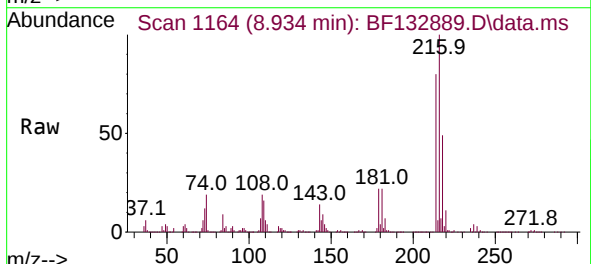
Tgt Ion:164 Resp: 60953
Ion Ratio Lower Upper
164 100
162 101.5 79.1 118.7
160 45.6 35.6 53.4

Manual Integrations
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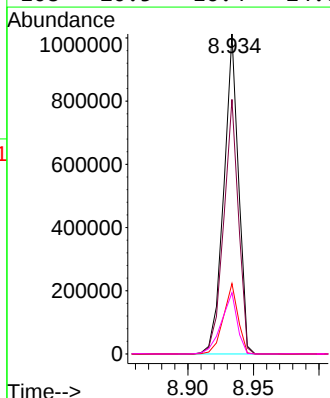
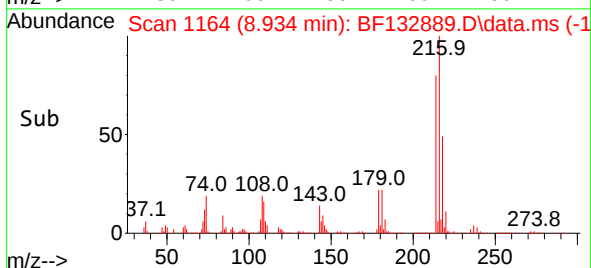
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

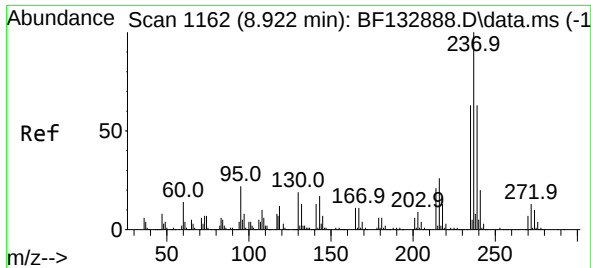


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.765 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



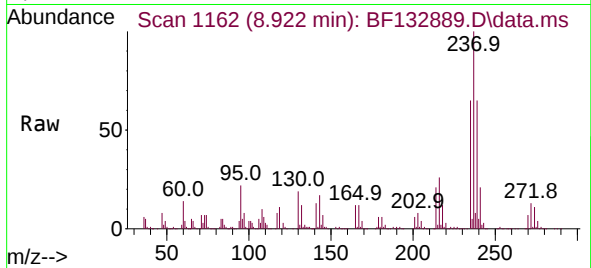
Tgt Ion:216 Resp: 789020
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 21.7 17.4 26.2
108 20.5 16.4 24.6





#41
Hexachlorocyclopentadiene
Concen: 49.861 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

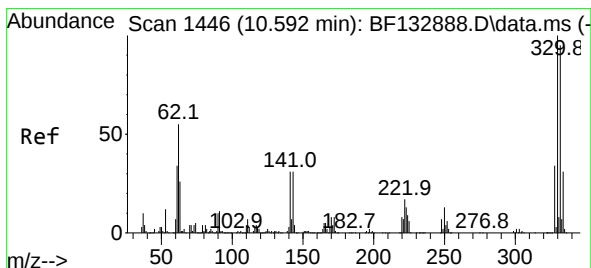
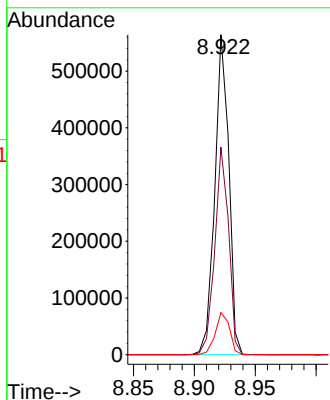
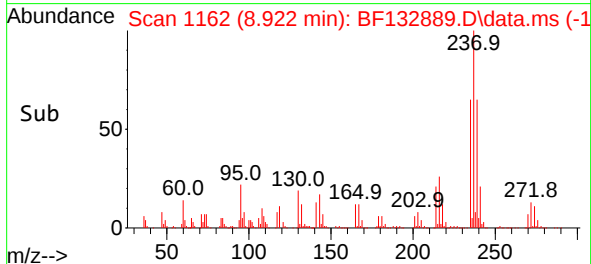
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



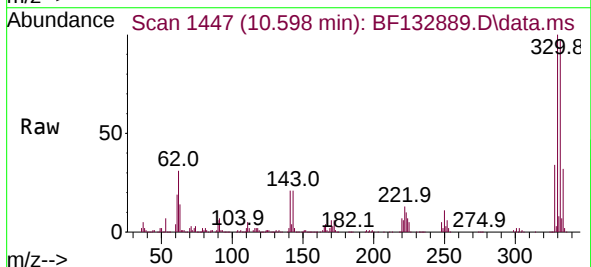
Tgt Ion: 237 Resp: 453097
Ion Ratio Lower Upper
237 100
235 64.9 43.2 83.2
272 13.2 0.0 32.8

Manual Integrations
APPROVED

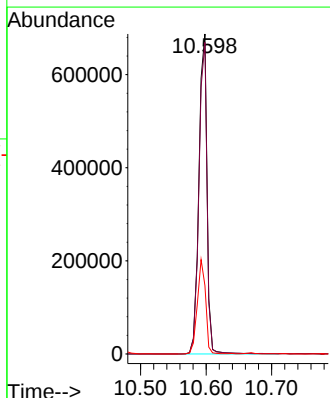
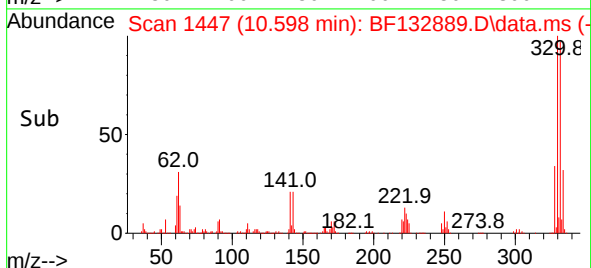
Reviewed By : Christian Giraldo 04/18/2023
Supervised By : Jagrut Upadhyay 04/18/2023

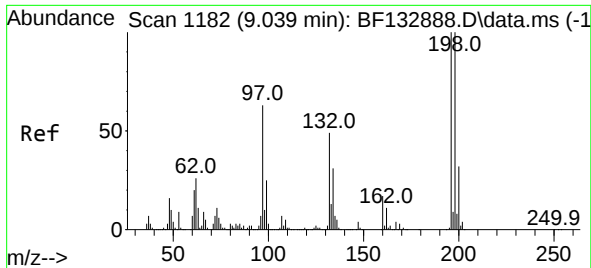


#42
2,4,6-Tribromophenol
Concen: 97.009 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



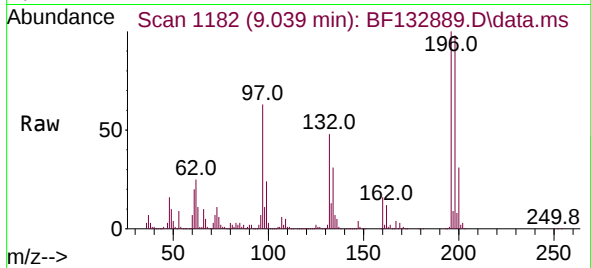
Tgt Ion: 330 Resp: 593082
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 30.0 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 48.422 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

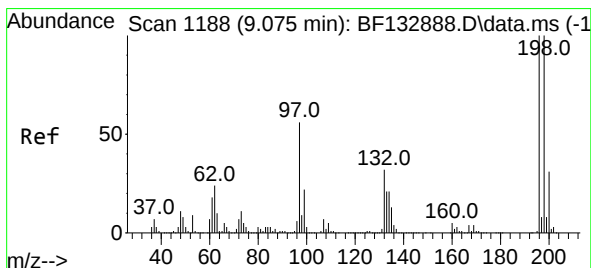
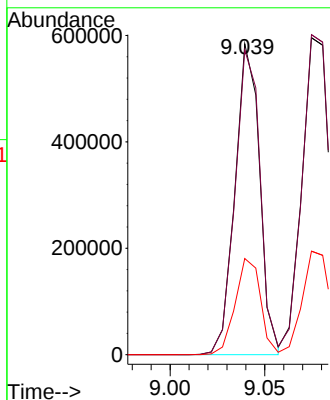
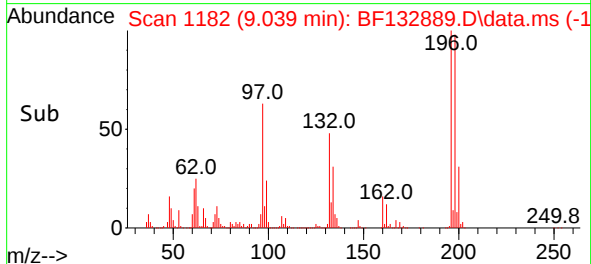
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



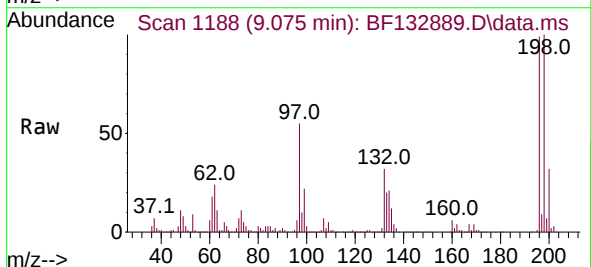
Tgt Ion:196 Resp: 529198
Ion Ratio Lower Upper
196 100
198 98.0 79.8 119.6
200 31.0 25.4 38.2

Manual Integrations
APPROVED

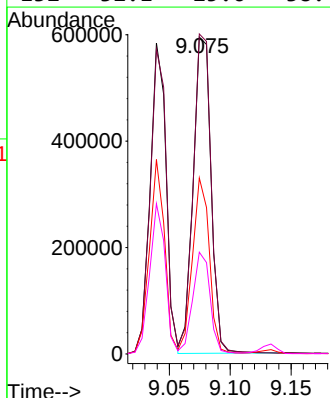
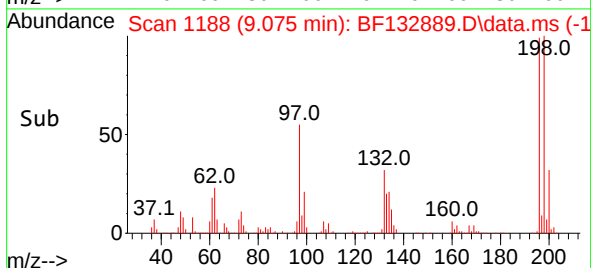
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

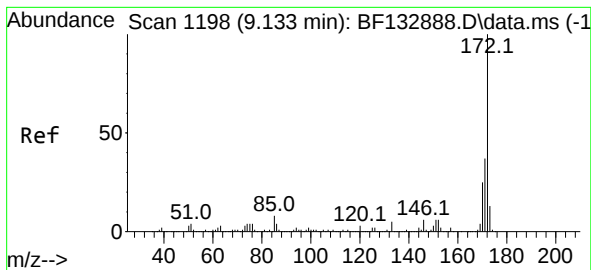


#44
2,4,5-Trichlorophenol
Concen: 47.695 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:196 Resp: 609526
Ion Ratio Lower Upper
196 100
198 101.0 80.2 120.2
97 55.5 45.0 67.6
132 32.1 25.6 38.4





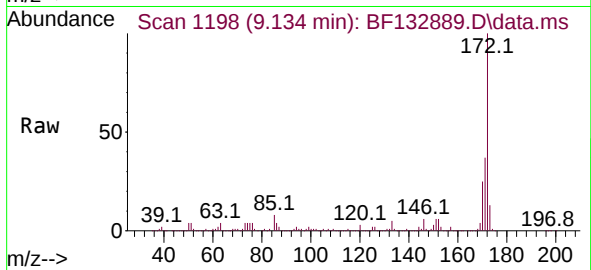
#45
2-Fluorobiphenyl
Concen: 85.201 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

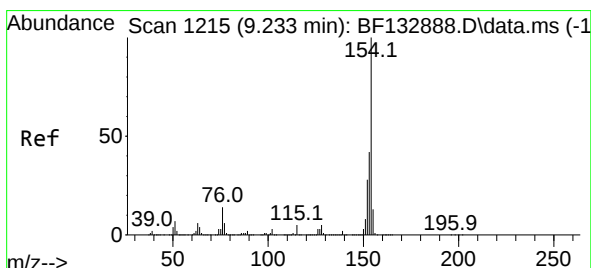
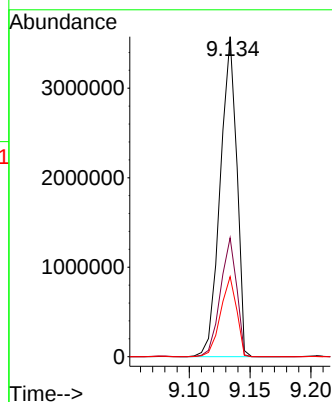
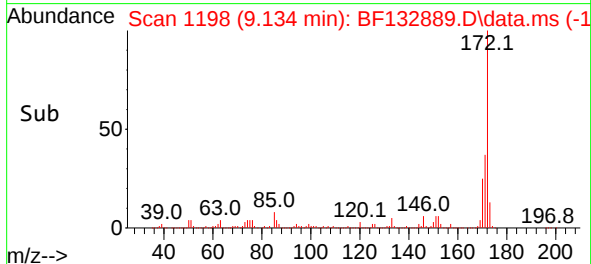


Tgt Ion:172 Resp: 338056
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 25.0 20.1 30.1

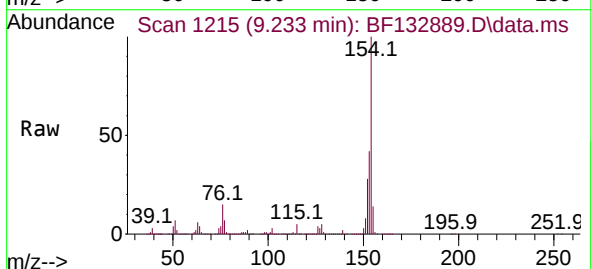
Manual Integrations

APPROVED

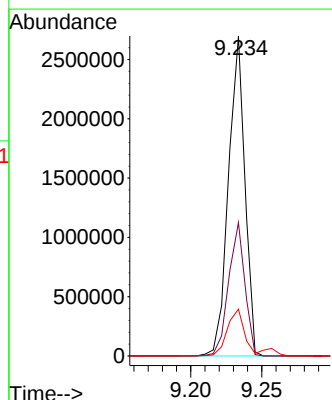
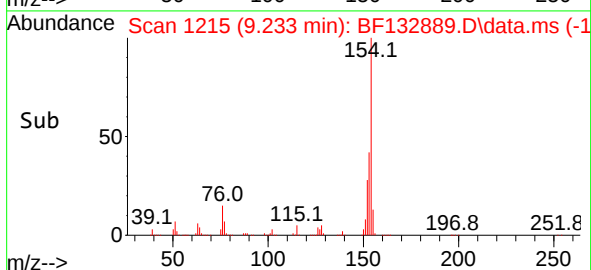
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

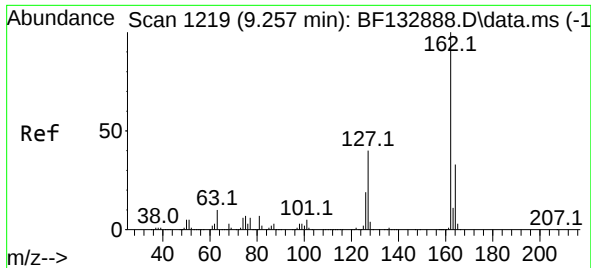


#46
1,1'-Biphenyl
Concen: 44.744 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:154 Resp: 2162067
Ion Ratio Lower Upper
154 100
153 41.7 21.8 61.8
76 14.6 0.0 34.0





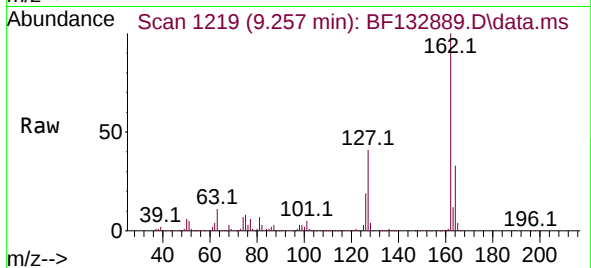
#47
2-Chloronaphthalene
Concen: 45.738 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

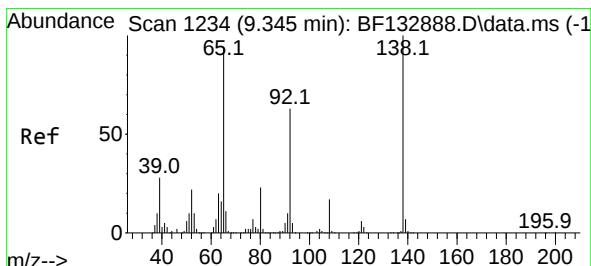
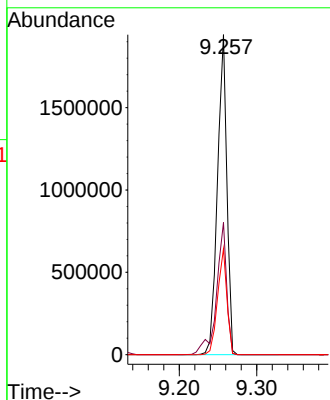
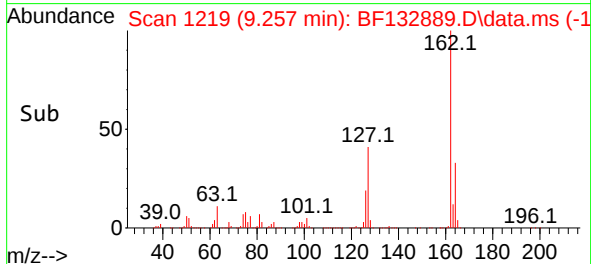


Tgt Ion:162 Resp: 163547
Ion Ratio Lower Upper
162 100
127 41.3 32.2 48.2
164 33.1 26.5 39.7

Manual Integrations

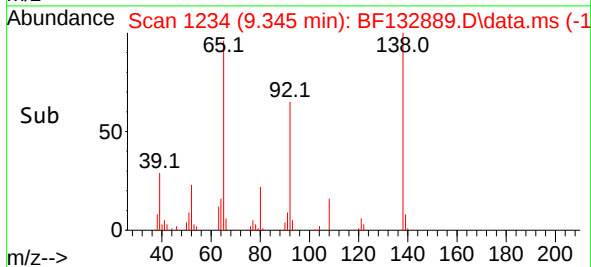
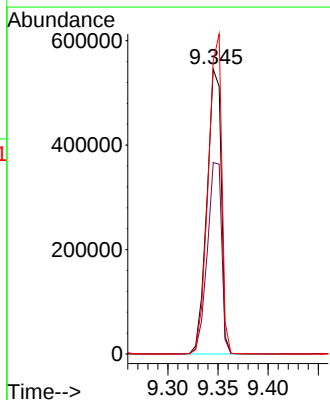
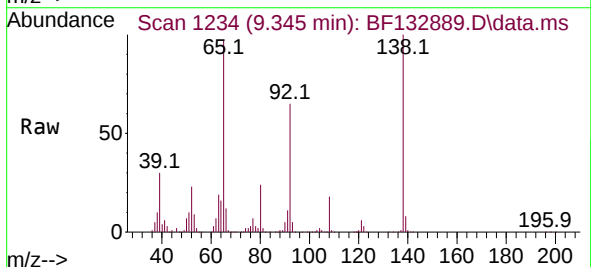
APPROVED

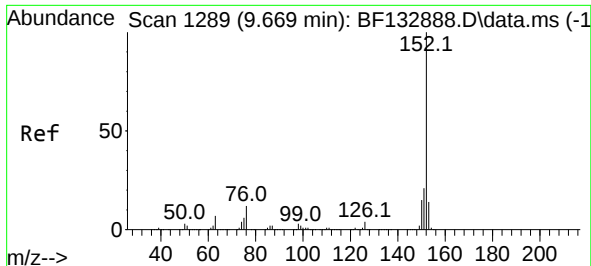
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#48
2-Nitroaniline
Concen: 52.302 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion: 65 Resp: 541035
Ion Ratio Lower Upper
65 100
92 67.2 53.5 80.3
138 102.8 84.8 127.2





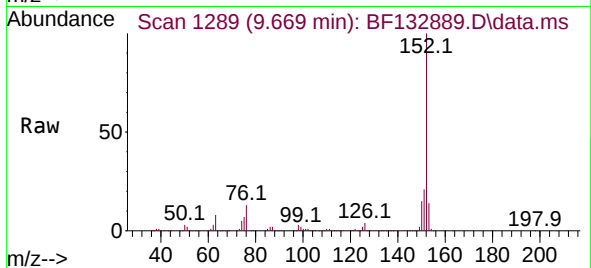
#49
Acenaphthylene
Concen: 44.997 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

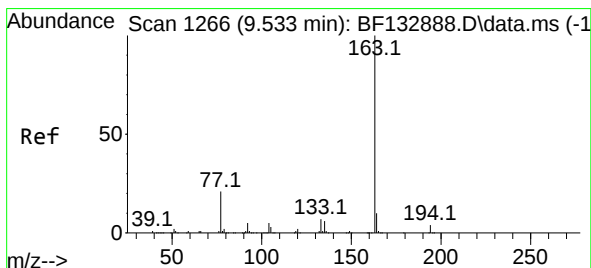
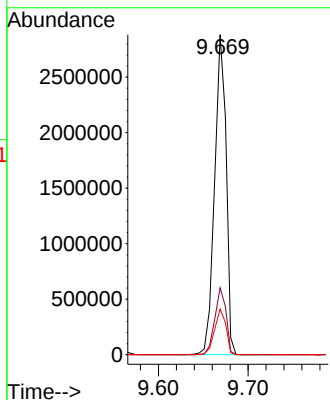
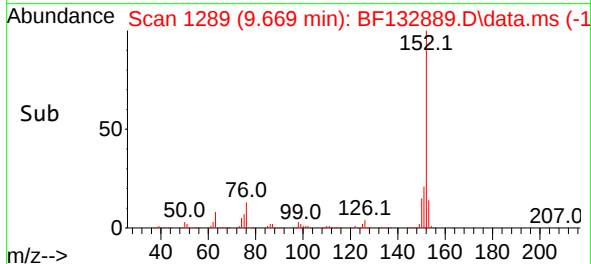


Tgt Ion:152 Resp: 256629
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 14.3 11.4 17.0

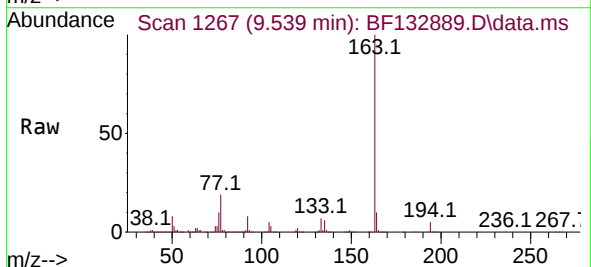
Manual Integrations

APPROVED

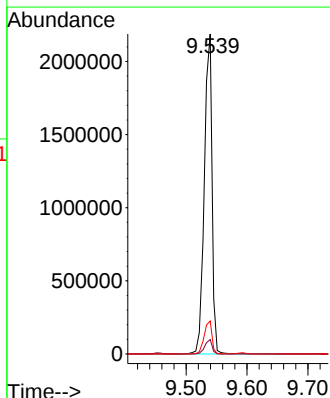
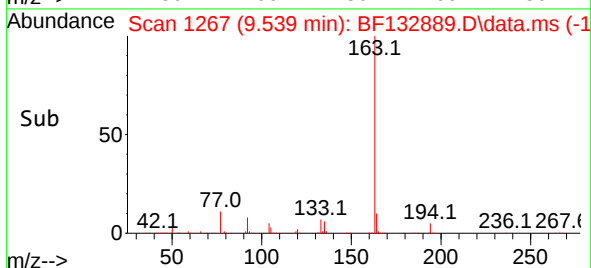
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

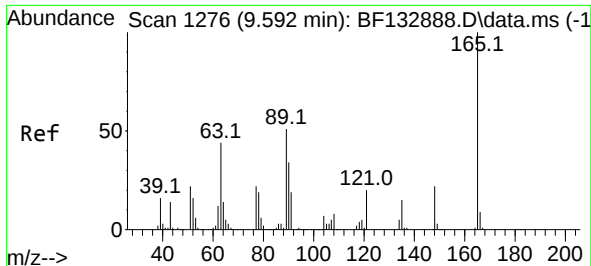


#50
Dimethylphthalate
Concen: 45.606 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



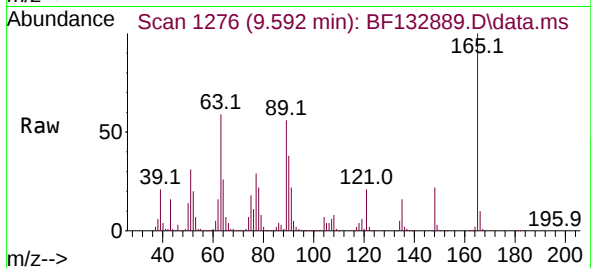
Tgt Ion:163 Resp: 1921909
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.194 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

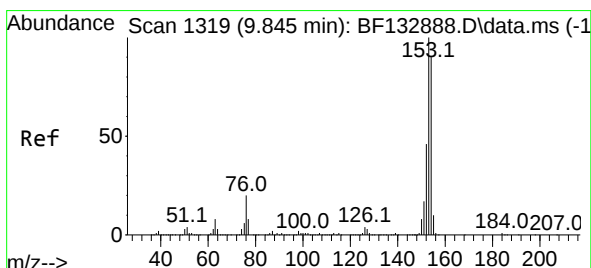
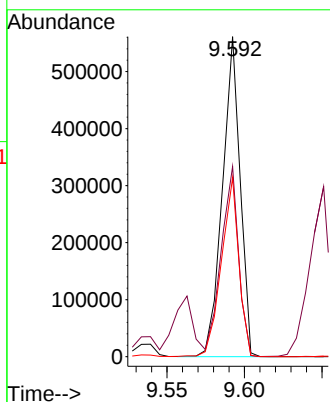
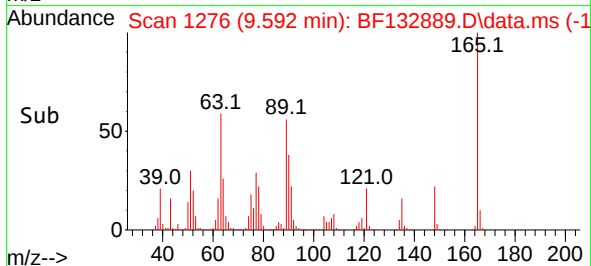
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 44528
Ion Ratio Lower Upper
165 100
63 59.5 42.6 63.8
89 55.9 41.0 61.4

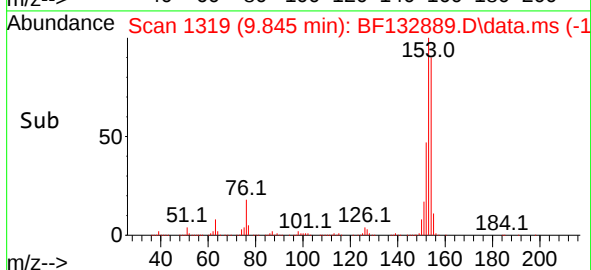
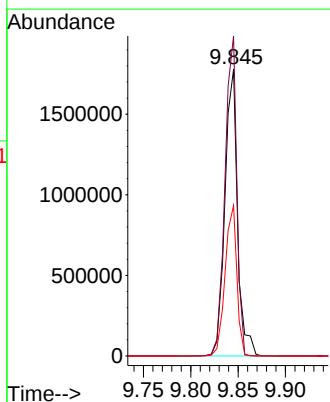
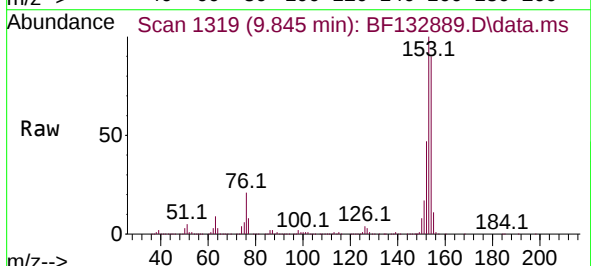
Manual Integrations
APPROVED

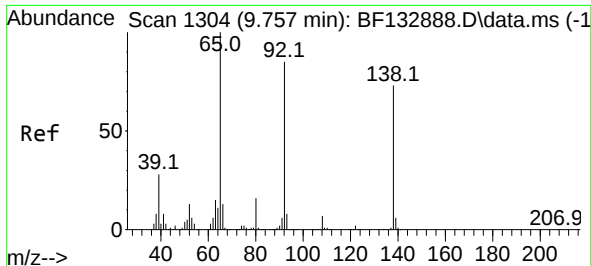
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#52
Acenaphthene
Concen: 45.116 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:154 Resp: 1658089
Ion Ratio Lower Upper
154 100
153 111.7 88.8 133.2
152 52.5 41.2 61.8





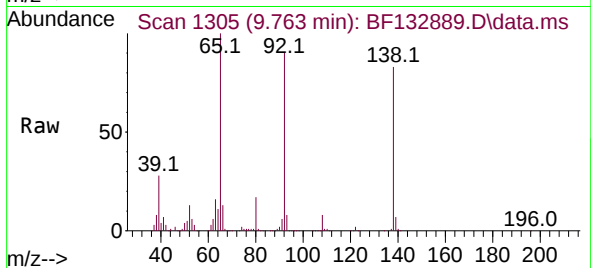
#53
3-Nitroaniline
Concen: 49.136 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

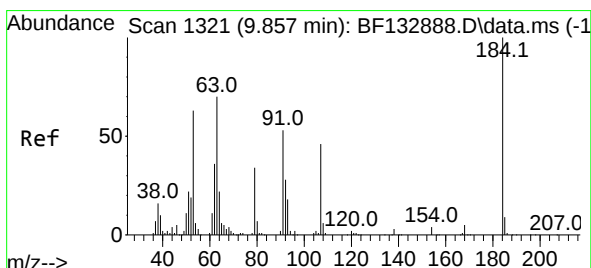
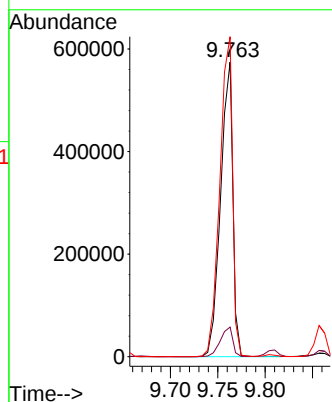
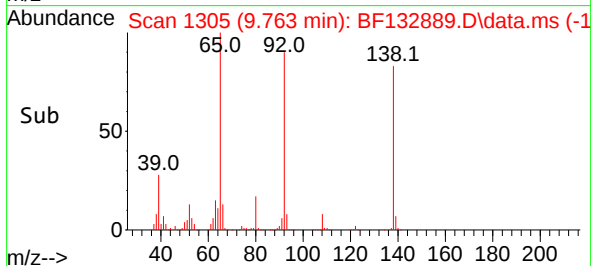


Tgt Ion:138 Resp: 51661
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 108.6 93.8 140.8

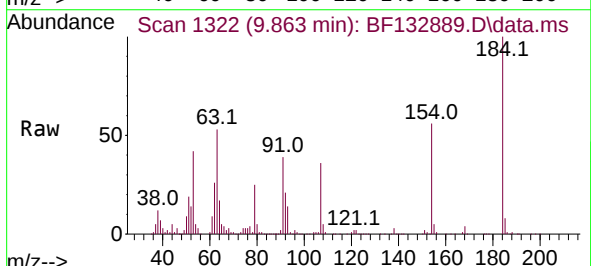
Manual Integrations

APPROVED

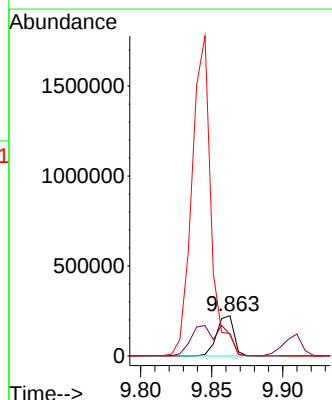
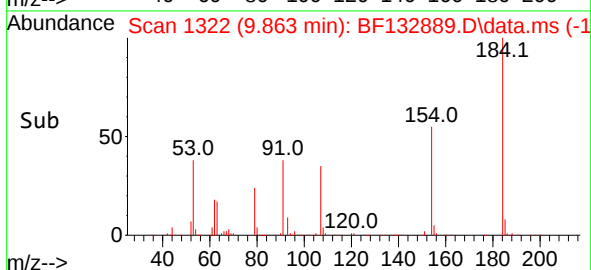
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

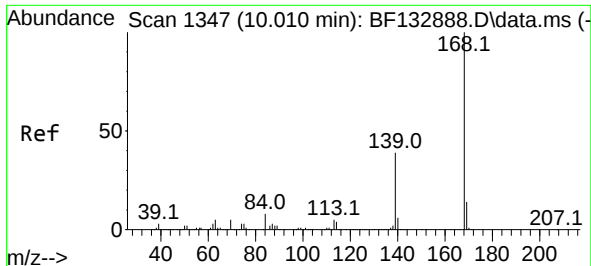


#54
2,4-Dinitrophenol
Concen: 52.472 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



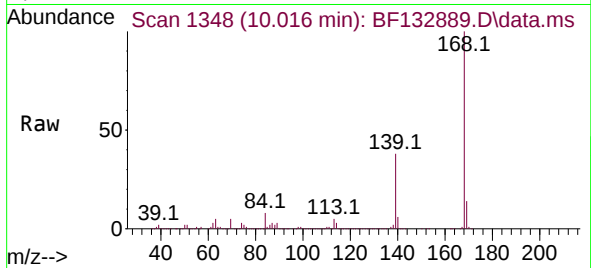
Tgt Ion:184 Resp: 188858
Ion Ratio Lower Upper
184 100
63 53.5 62.7 94.1#
154 55.6 49.9 74.9





#55
Dibenzenofuran
Concen: 44.626 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

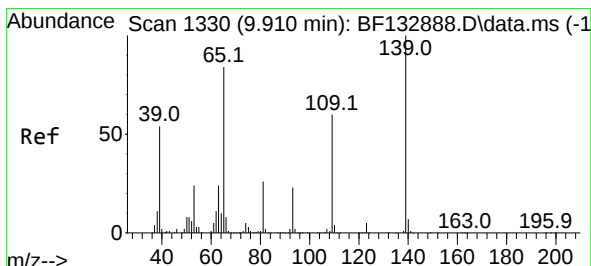
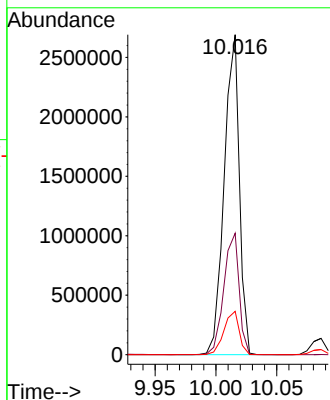
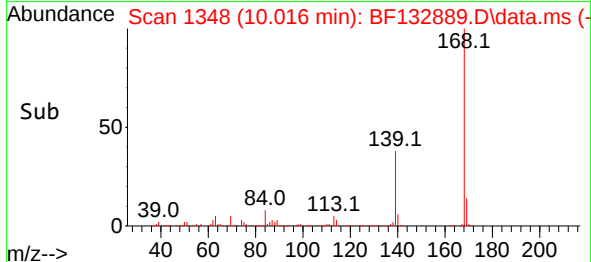
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 232692
Ion Ratio Lower Upper
168 100
139 37.9 31.4 47.0
169 13.6 11.2 16.8

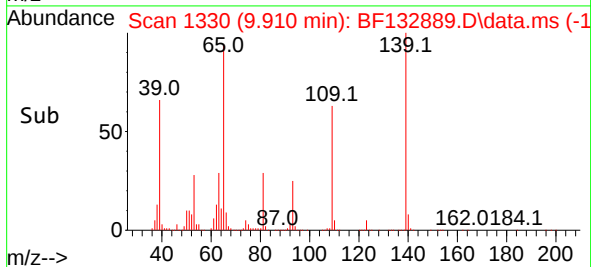
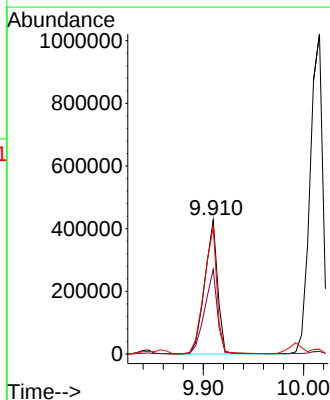
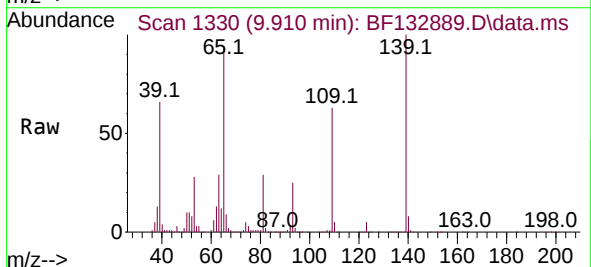
Manual Integrations
APPROVED

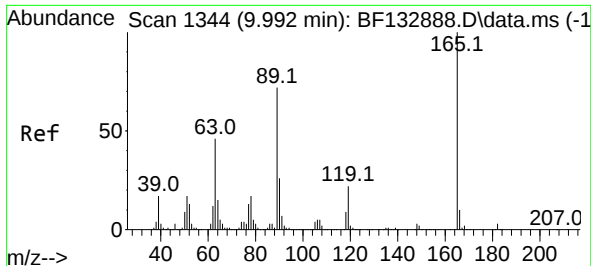
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#56
4-Nitrophenol
Concen: 49.489 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:139 Resp: 386517
Ion Ratio Lower Upper
139 100
109 63.2 40.4 80.4
65 94.4 64.2 104.2





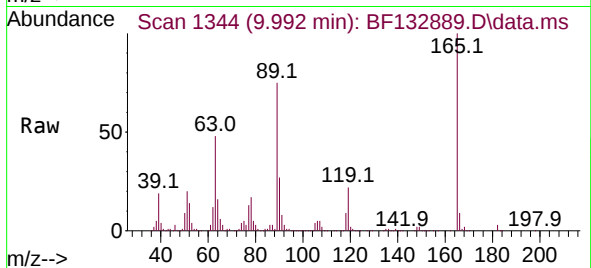
#57
2,4-Dinitrotoluene
Concen: 50.246 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

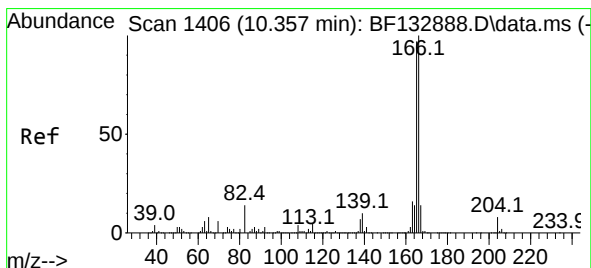
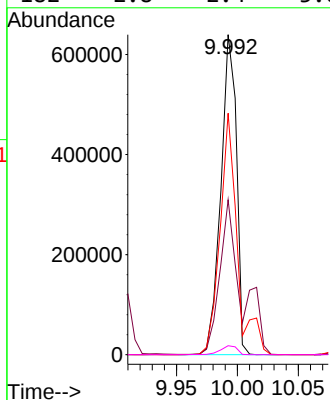
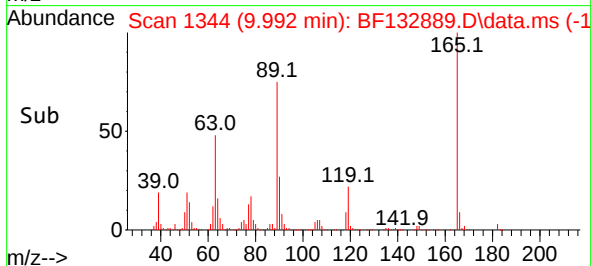


Tgt Ion:165 Resp: 572962
Ion Ratio Lower Upper
165 100
63 48.4 37.0 55.6
89 75.5 57.8 86.6
182 2.8 2.4 3.6

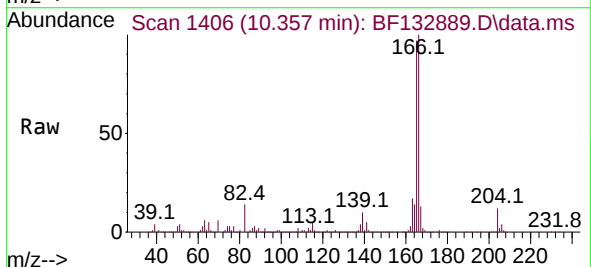
Manual Integrations

APPROVED

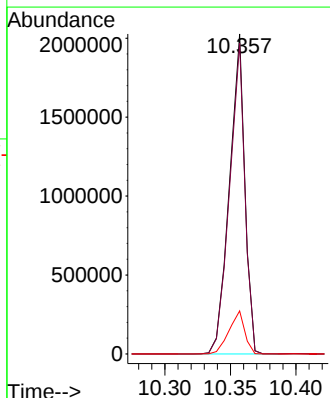
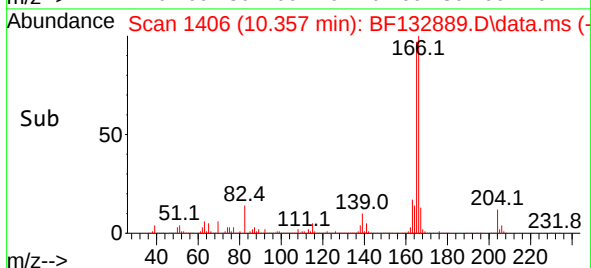
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

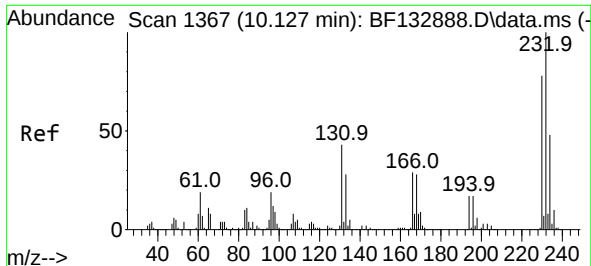


#58
Fluorene
Concen: 43.291 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



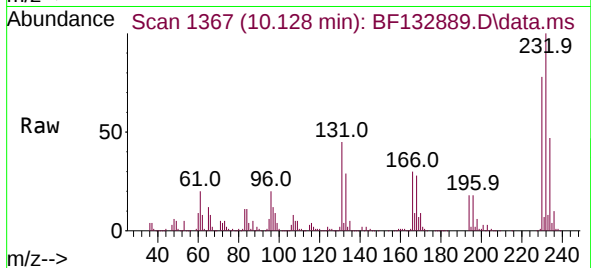
Tgt Ion:166 Resp: 1653528
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.240 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

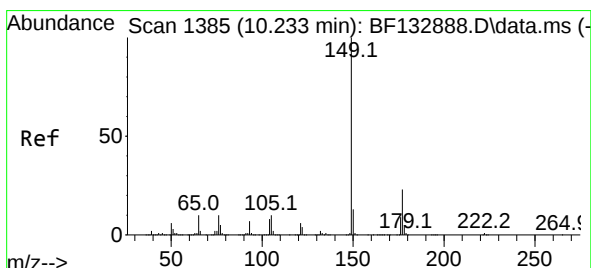
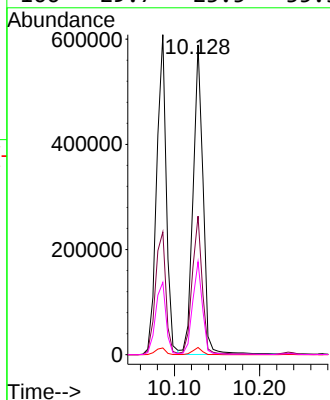
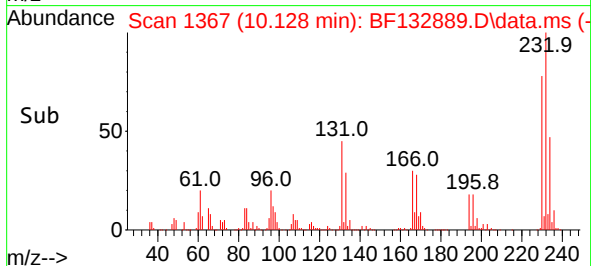
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



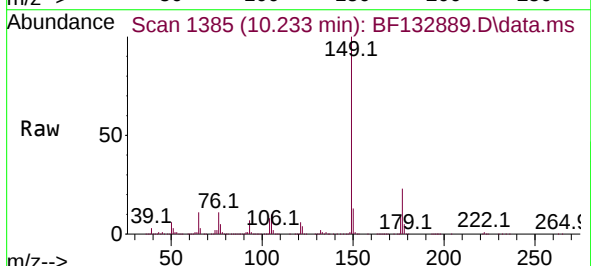
Tgt Ion:232 Resp: 478460
Ion Ratio Lower Upper
232 100
131 44.8 35.9 53.9
130 2.2 1.8 2.8
166 29.7 23.5 35.3

Manual Integrations
APPROVED

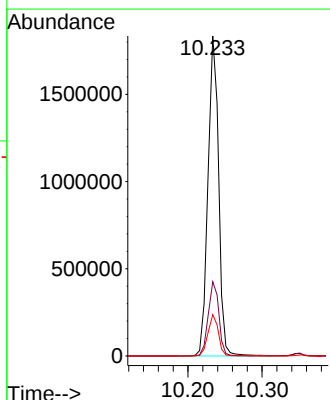
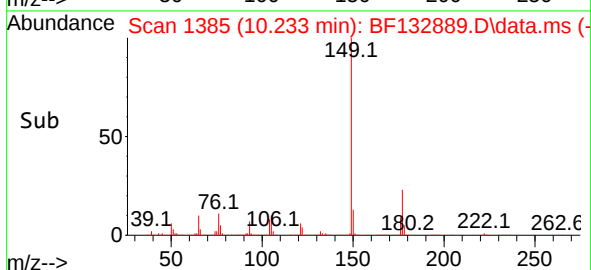
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

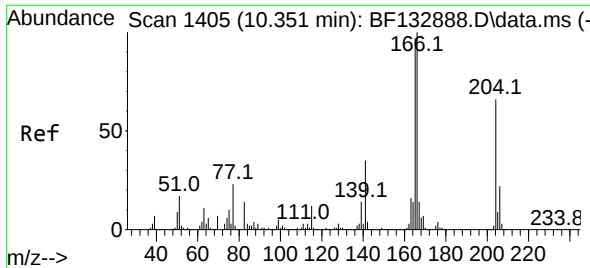


#60
Diethylphthalate
Concen: 46.578 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



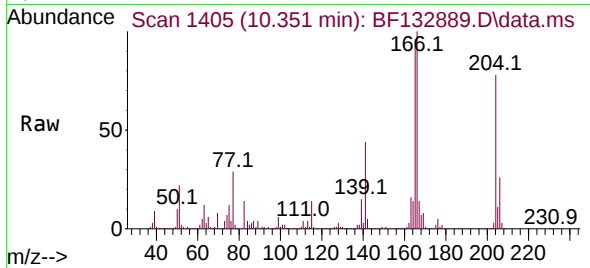
Tgt Ion:149 Resp: 1834171
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.699 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

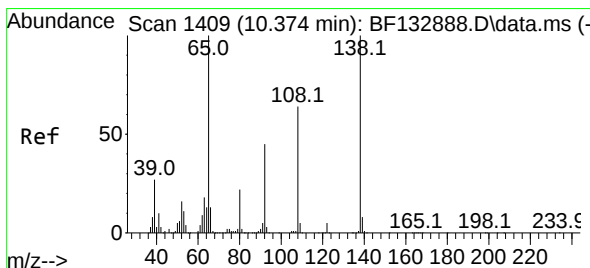
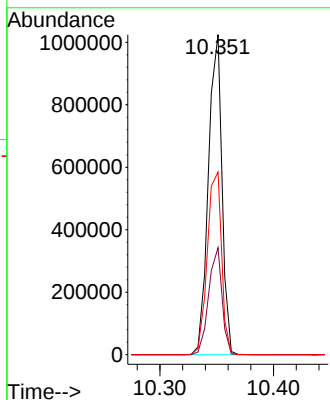
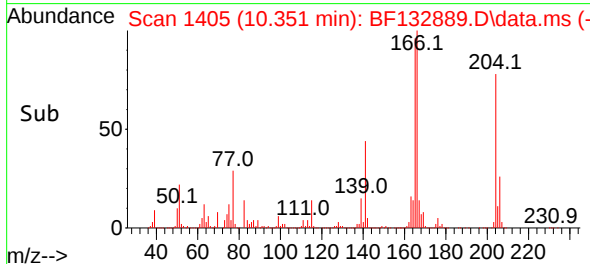
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



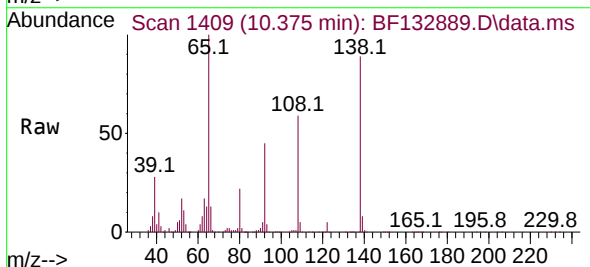
Tgt Ion:204 Resp: 848984
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 57.0 43.1 64.7

Manual Integrations
APPROVED

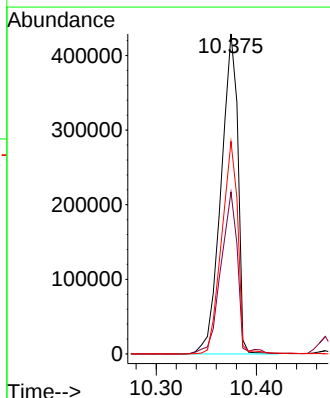
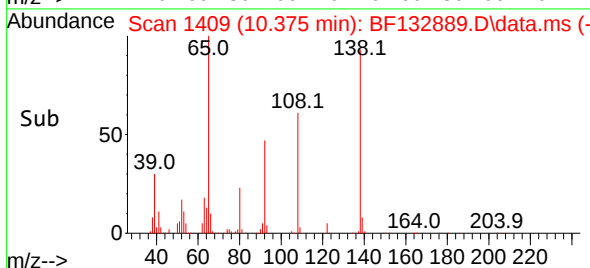
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

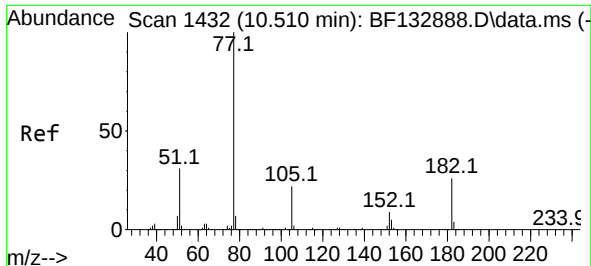


#62
4-Nitroaniline
Concen: 49.444 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:138 Resp: 499662
Ion Ratio Lower Upper
138 100
92 50.6 25.0 65.0
108 66.4 44.2 84.2





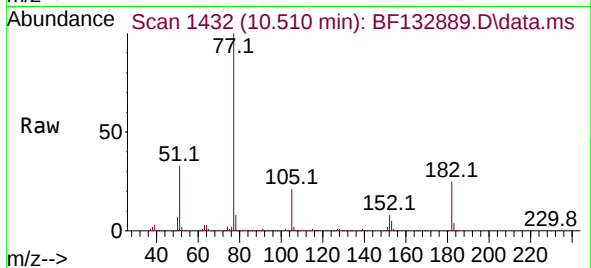
#63
Azobenzene
Concen: 45.157 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

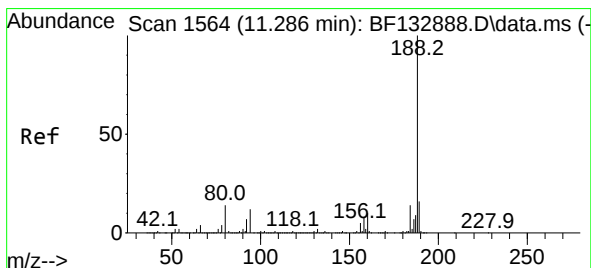
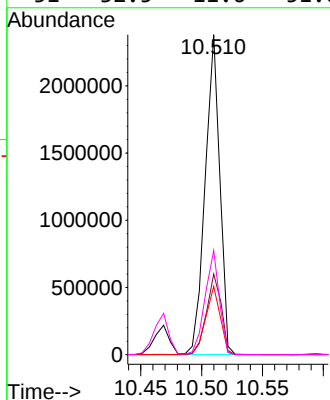
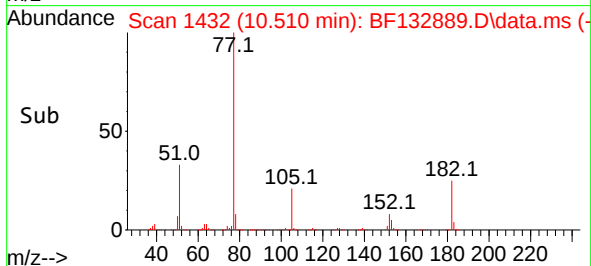


Tgt Ion: 77 Resp: 1986324
Ion Ratio Lower Upper
77 100
182 25.2 6.0 46.0
105 21.4 1.6 41.6
51 32.5 11.6 51.6

Manual Integrations

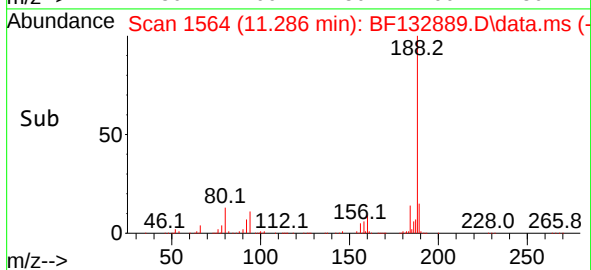
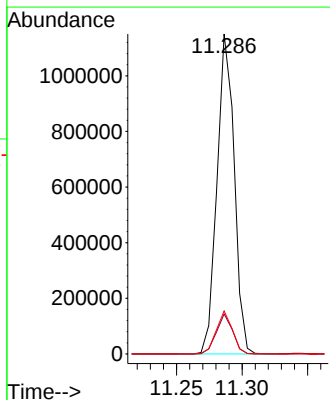
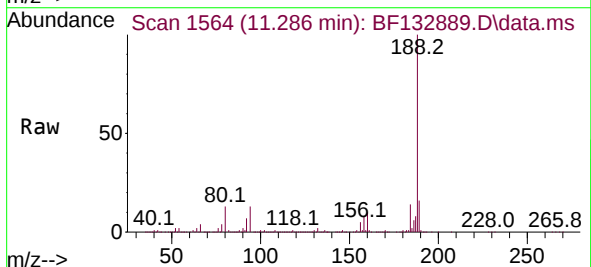
APPROVED

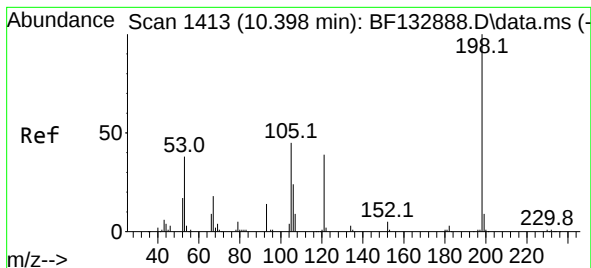
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

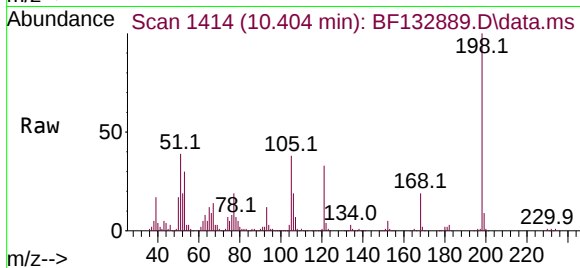
Tgt Ion:188 Resp: 1047252
Ion Ratio Lower Upper
188 100
94 12.5 9.9 14.9
80 13.5 10.8 16.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.986 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

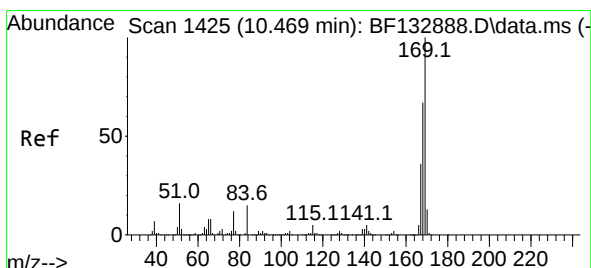
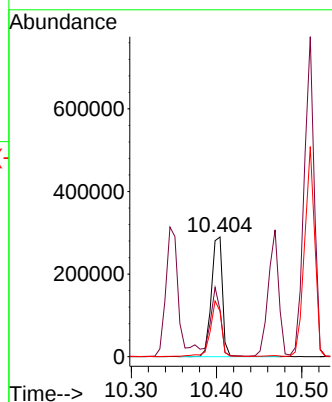
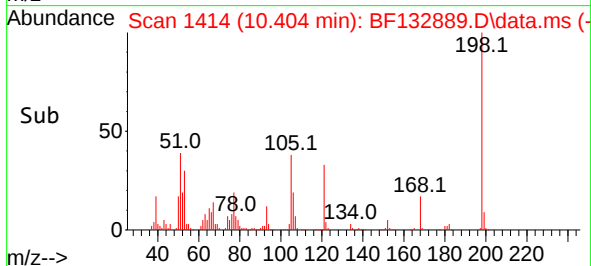
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 260731
Ion Ratio Lower Upper
198 100
51 39.0 34.6 74.6
105 38.0 25.6 65.6

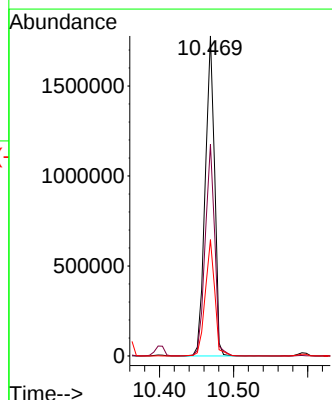
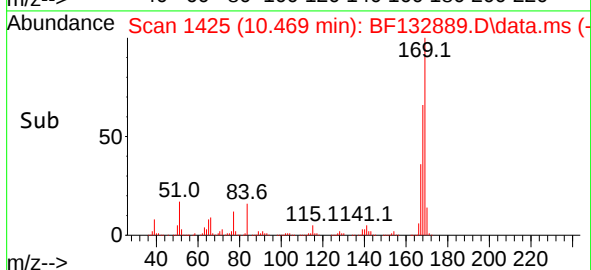
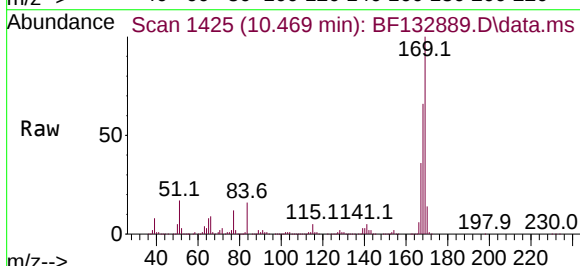
Manual Integrations
APPROVED

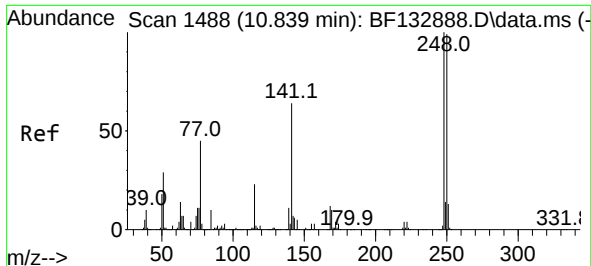
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#66
n-Nitrosodiphenylamine
Concen: 45.763 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:169 Resp: 1560862
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.4 29.0 43.6





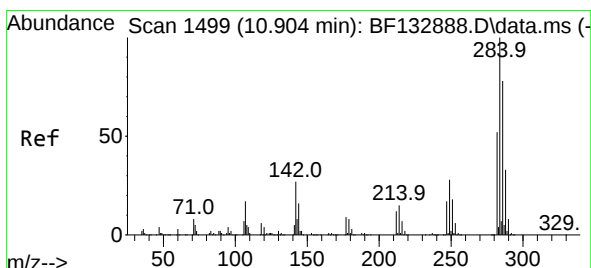
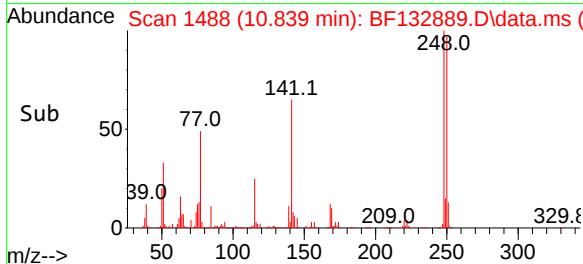
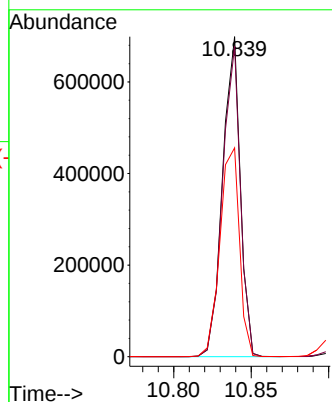
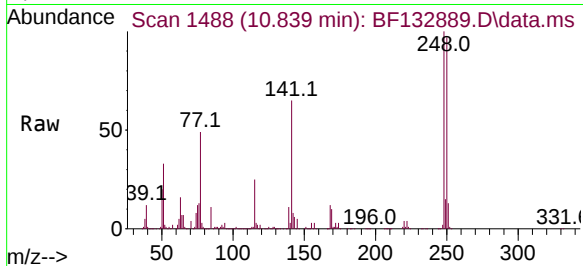
#67
4-Bromophenyl-phenylether
Concen: 46.482 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 55586
Ion Ratio Lower Upper
248 100
250 97.0 79.1 118.7
141 65.2 51.0 76.6

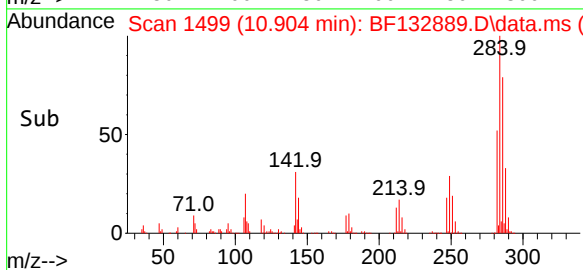
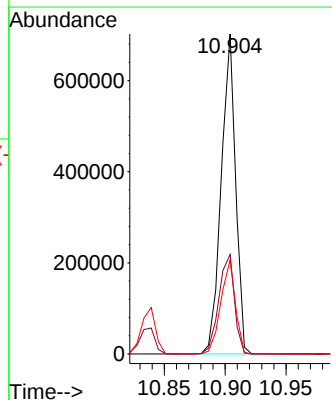
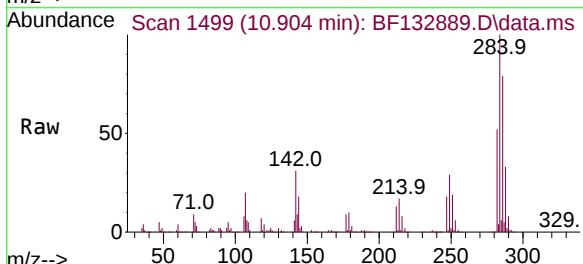
Manual Integrations
APPROVED

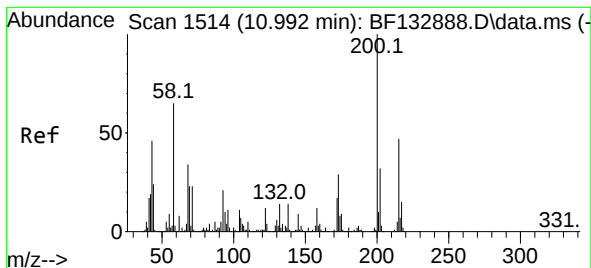
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#68
Hexachlorobenzene
Concen: 46.541 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:284 Resp: 577419
Ion Ratio Lower Upper
284 100
142 31.1 22.0 33.0
249 29.3 22.6 34.0





#69

Atrazine

Concen: 48.260 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 460075

Ion Ratio Lower Upper

200 100

173 26.4 8.7 48.7

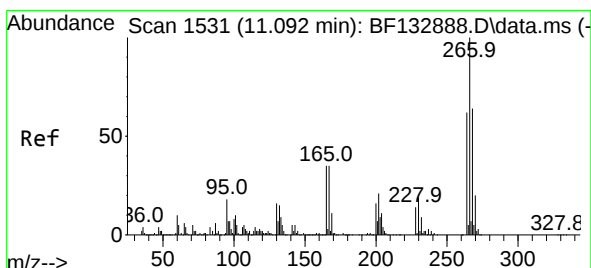
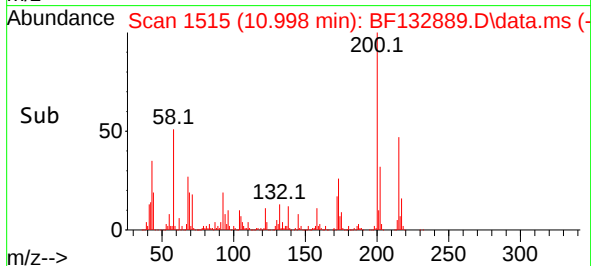
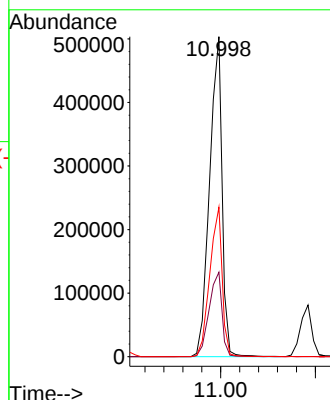
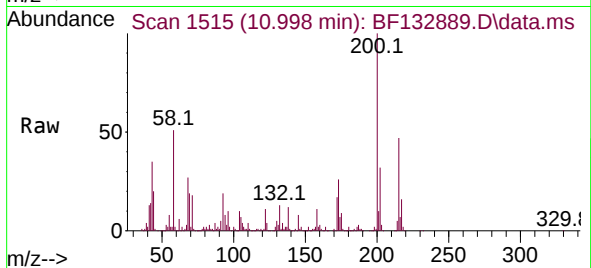
215 46.7 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#70

Pentachlorophenol

Concen: 49.689 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

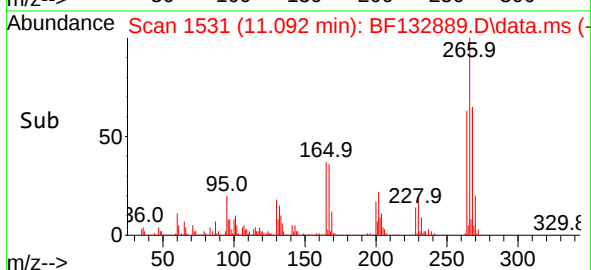
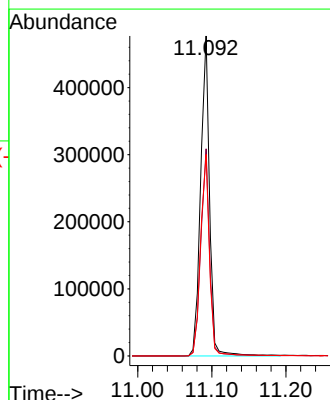
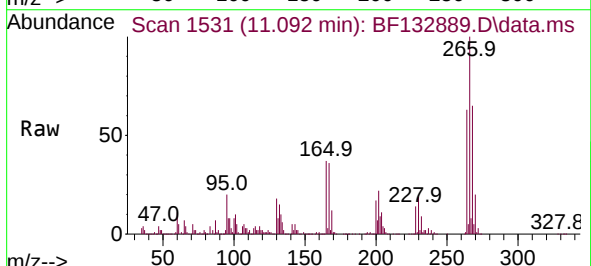
Tgt Ion:266 Resp: 397809

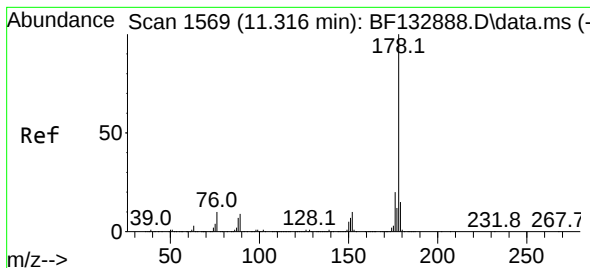
Ion Ratio Lower Upper

266 100

268 64.8 50.9 76.3

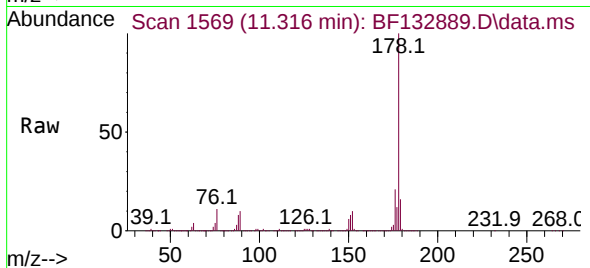
264 63.0 49.8 74.6





#71
Phenanthrene
Concen: 44.573 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

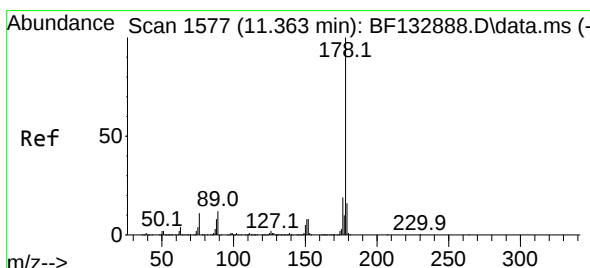
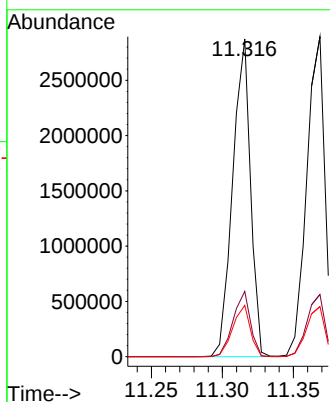
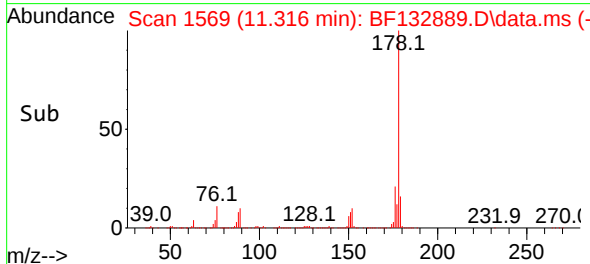
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



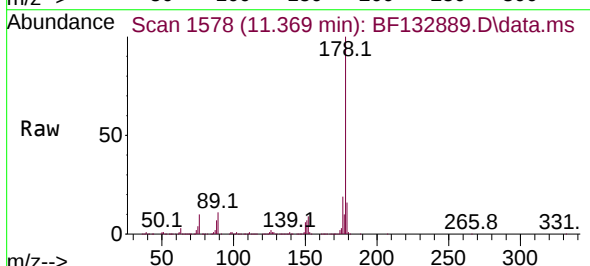
Tgt Ion:178 Resp: 2510815
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.2 12.3 18.5

Manual Integrations
APPROVED

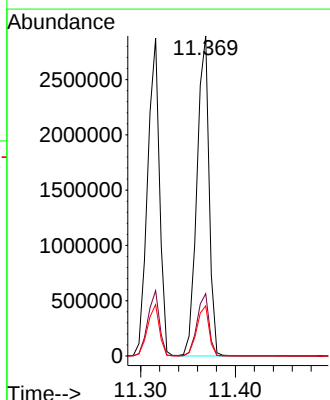
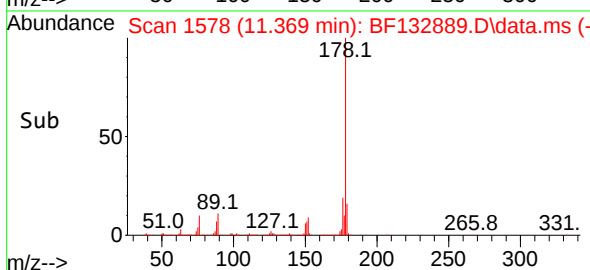
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

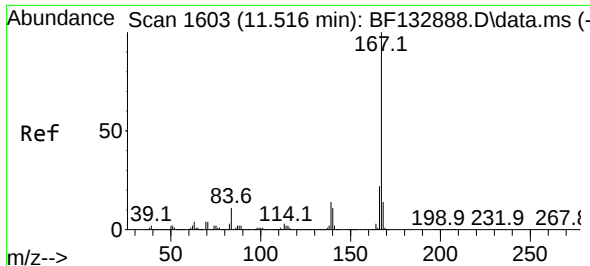


#72
Anthracene
Concen: 44.790 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



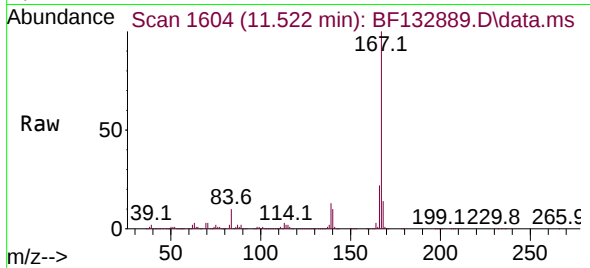
Tgt Ion:178 Resp: 2582793
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.8 19.2





#73
Carbazole
Concen: 45.539 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

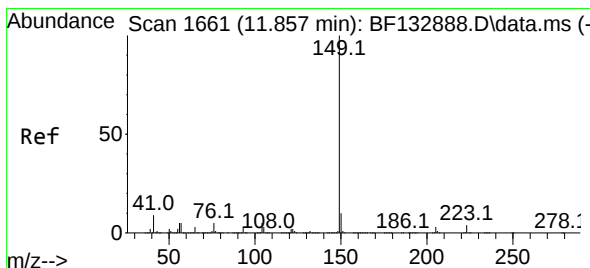
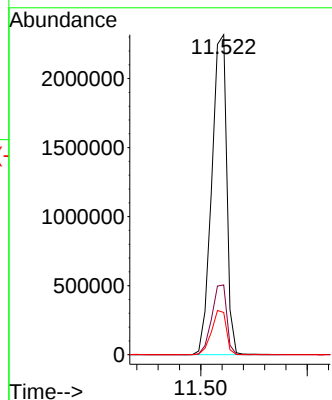
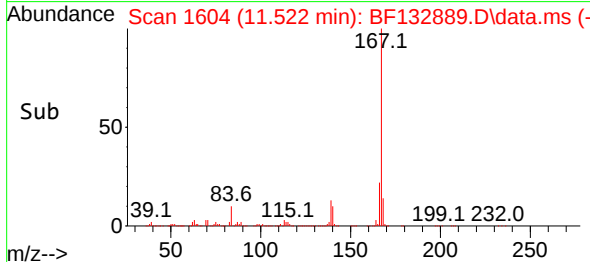
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



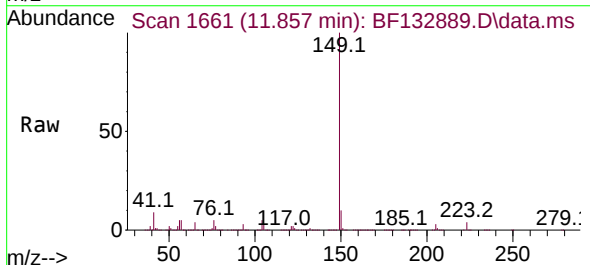
Tgt Ion:167 Resp: 227216
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.2 11.0 16.4

Manual Integrations
APPROVED

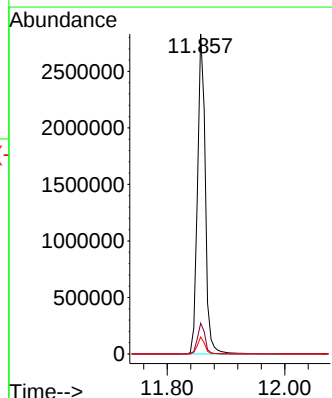
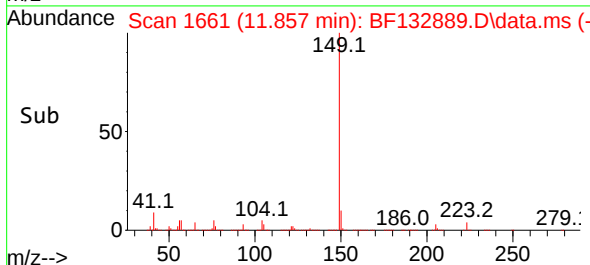
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

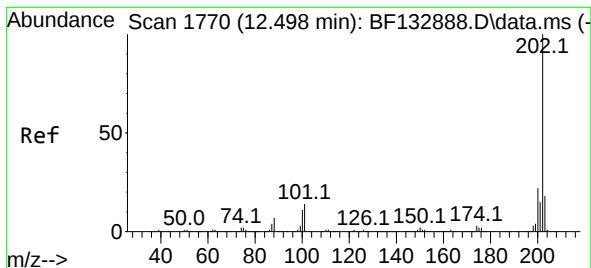


#74
Di-n-butylphthalate
Concen: 48.485 ng
RT: 11.857 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



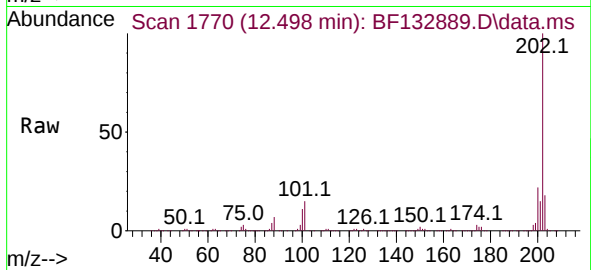
Tgt Ion:149 Resp: 2593315
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 45.715 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

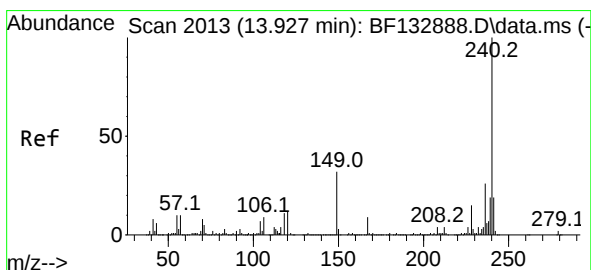
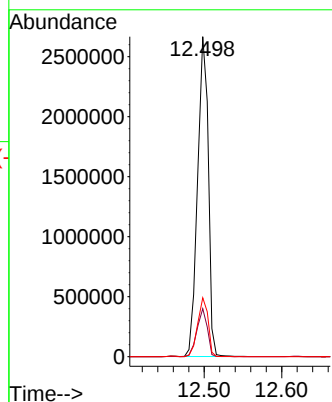
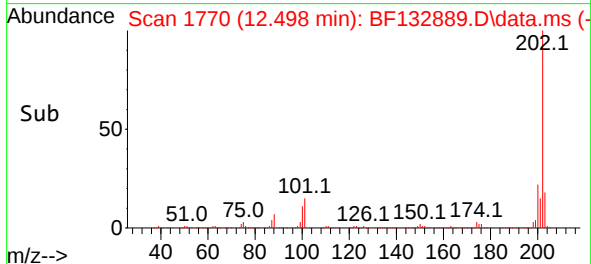
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 2560820
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.5
203 18.4 0.0 38.2

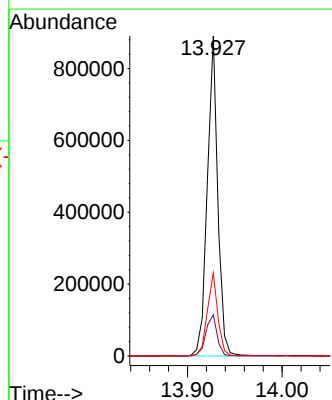
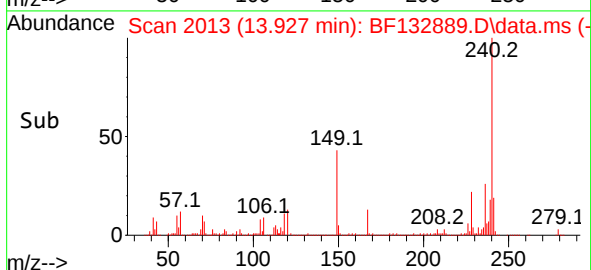
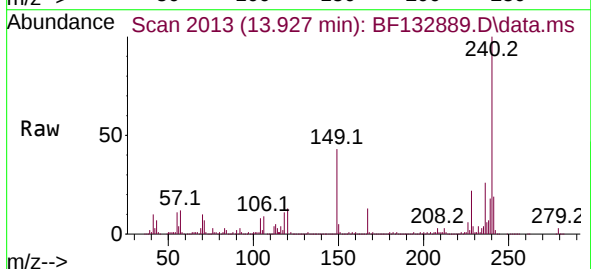
Manual Integrations
APPROVED

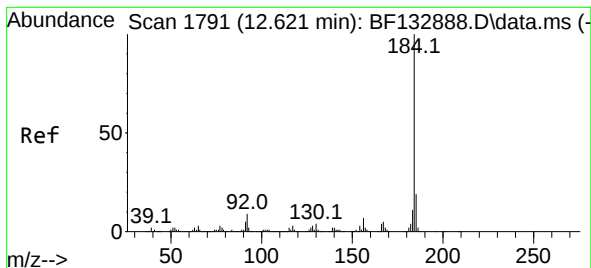
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:240 Resp: 685795
Ion Ratio Lower Upper
240 100
120 12.9 10.0 15.0
236 25.9 20.8 31.2





#77

Benzidine

Concen: 54.965 ng

RT: 12.622 min Scan# 1791

Delta R.T. 0.001 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

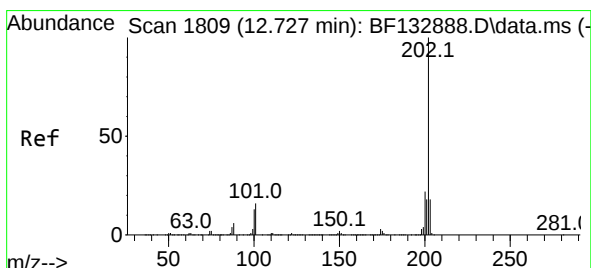
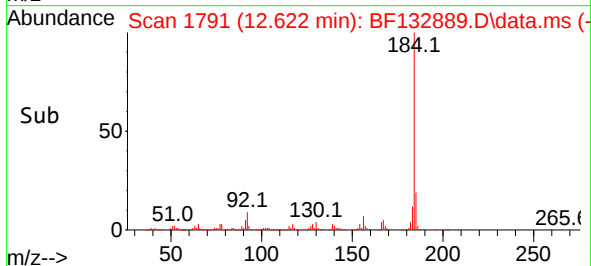
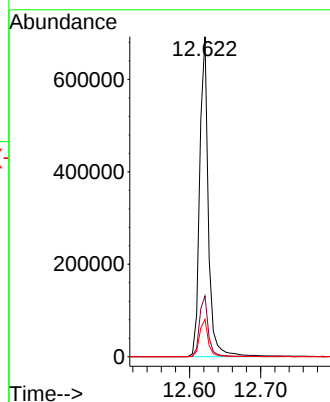
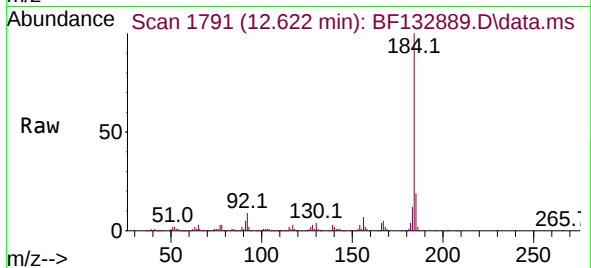
Tgt Ion:184	Resp: 58719
Ion Ratio	Lower Upper
184	100
185	19.0 14.9 22.3
183	11.7 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#78

Pyrene

Concen: 47.212 ng

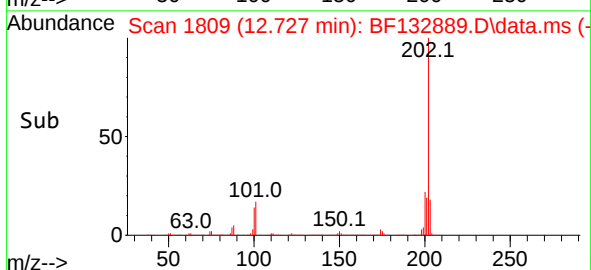
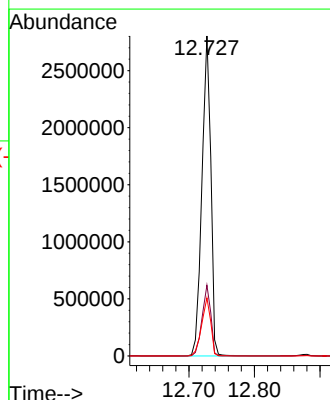
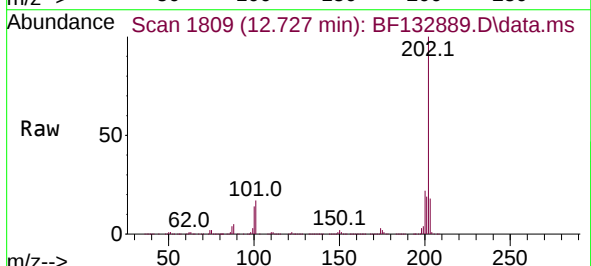
RT: 12.727 min Scan# 1809

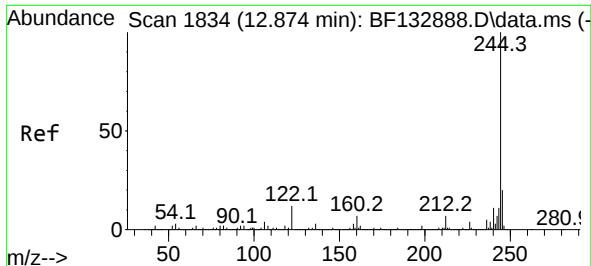
Delta R.T. 0.000 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Tgt Ion:202	Resp: 2647515
Ion Ratio	Lower Upper
202	100
200	22.1 17.6 26.4
203	18.2 14.6 22.0





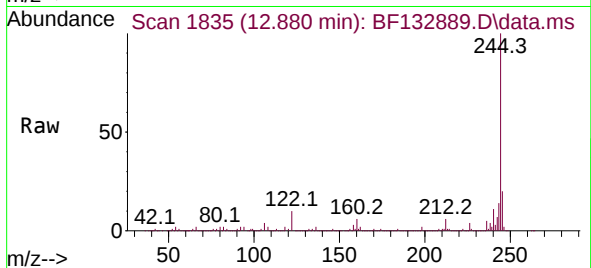
#79
 Terphenyl-d14
 Concen: 91.709 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.006 min
 Lab File: BF132889.D
 Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

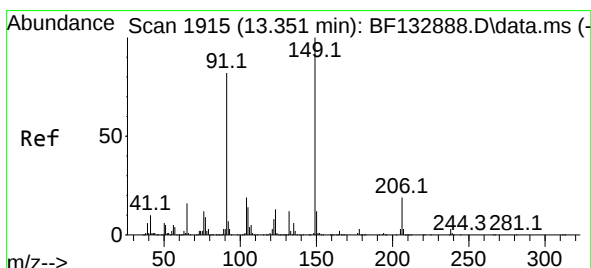
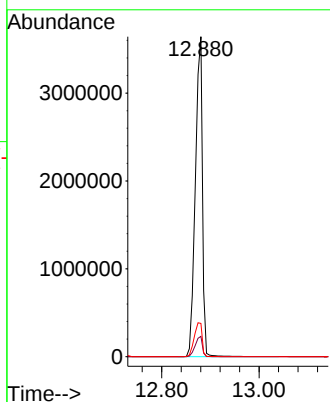
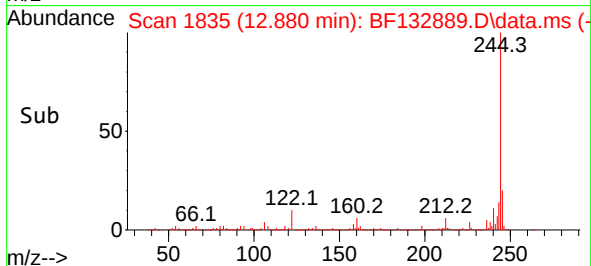


Tgt Ion:244 Resp: 3686430
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.4 9.6 14.4

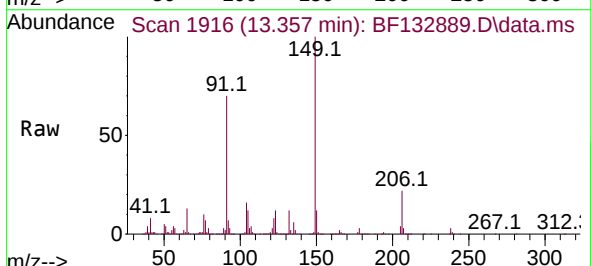
Manual Integrations

APPROVED

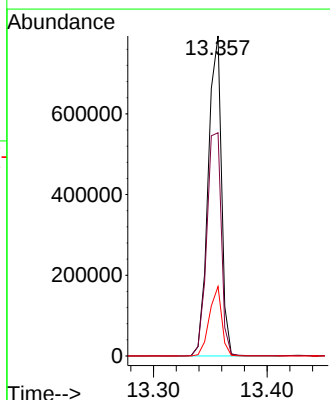
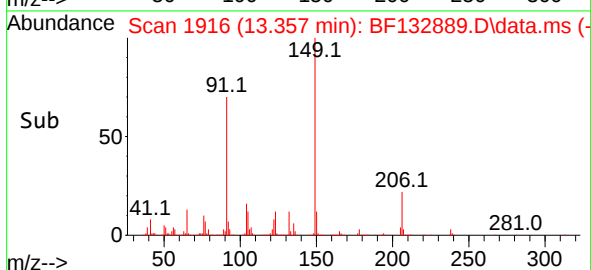
Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023

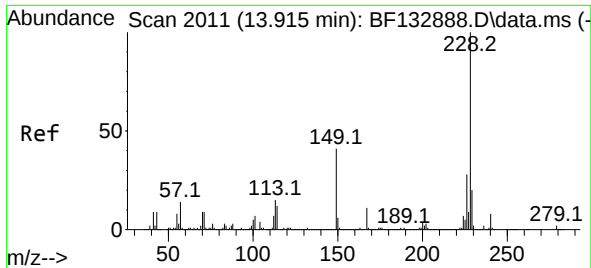


#80
 Butylbenzylphthalate
 Concen: 47.414 ng
 RT: 13.357 min Scan# 1916
 Delta R.T. 0.006 min
 Lab File: BF132889.D
 Acq: 17 Apr 2023 15:03



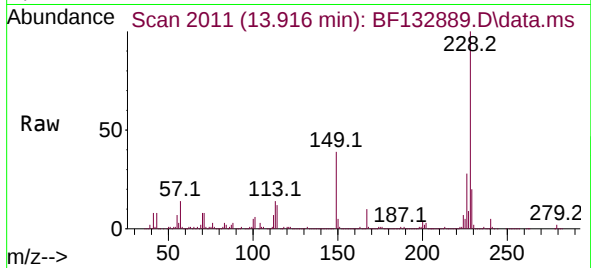
Tgt Ion:149 Resp: 640683
 Ion Ratio Lower Upper
 149 100
 91 69.7 65.4 98.0
 206 21.7 15.6 23.4





#81
Benzo(a)anthracene
Concen: 47.815 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

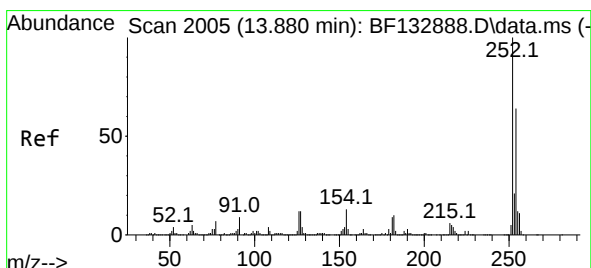
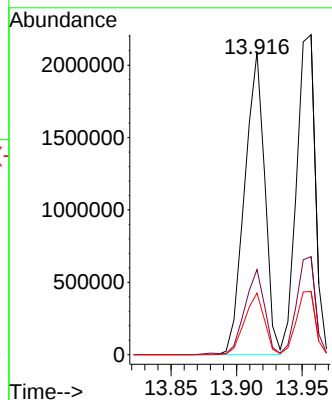
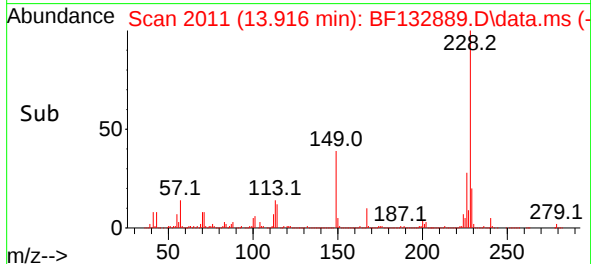
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



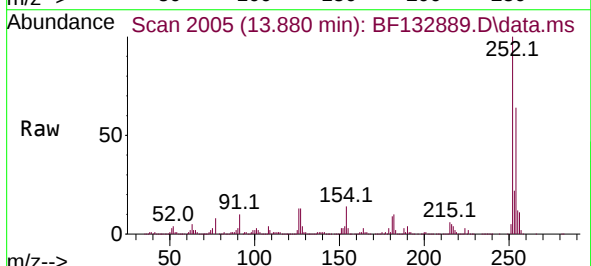
Tgt Ion:228 Resp: 223005
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.4 16.2 24.2

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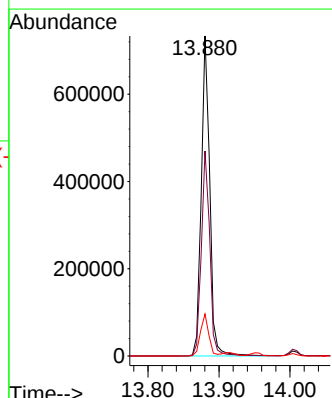
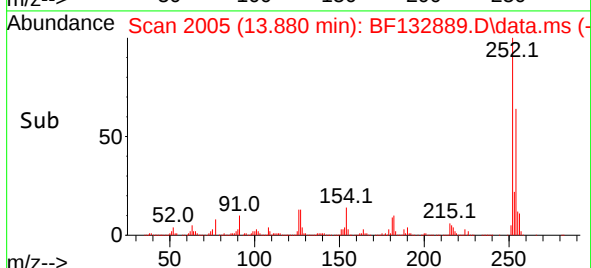
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

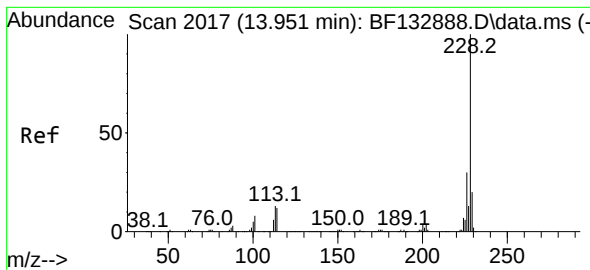


#82
3,3'-Dichlorobenzidine
Concen: 54.110 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:252 Resp: 610458
Ion Ratio Lower Upper
252 100
254 64.0 51.0 76.6
126 13.1 9.8 14.6





#83

Chrysene

Concen: 47.726 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 2212400

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

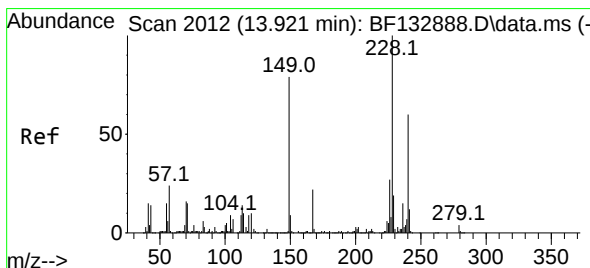
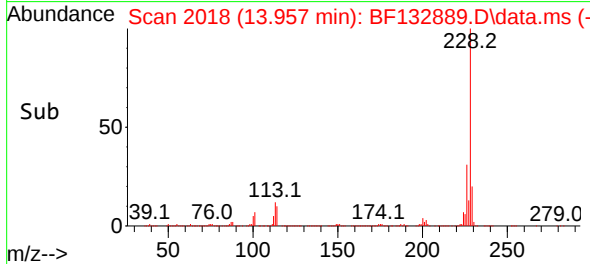
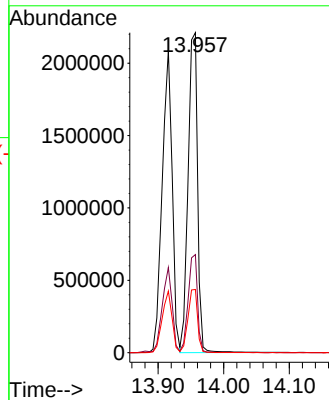
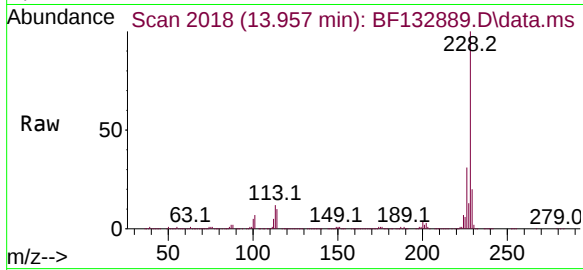
229 19.8 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.758 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF132889.D

Acq: 17 Apr 2023 15:03

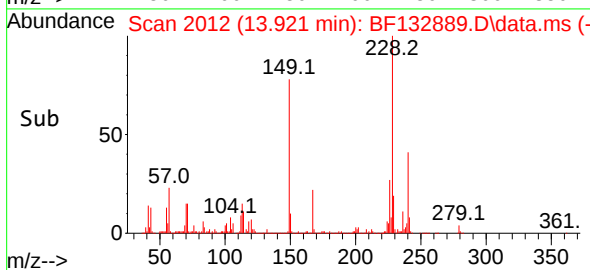
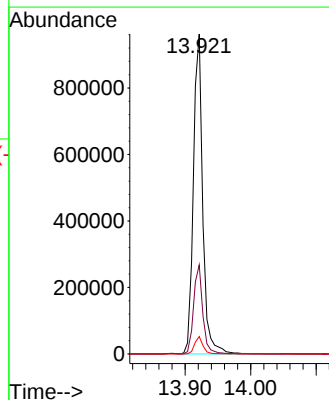
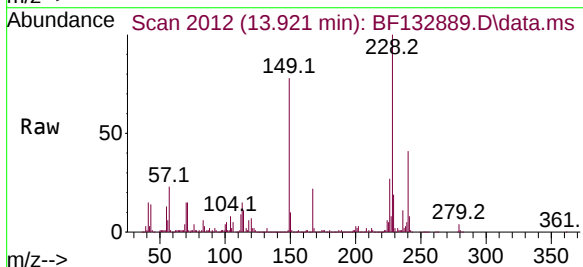
Tgt Ion:149 Resp: 953579

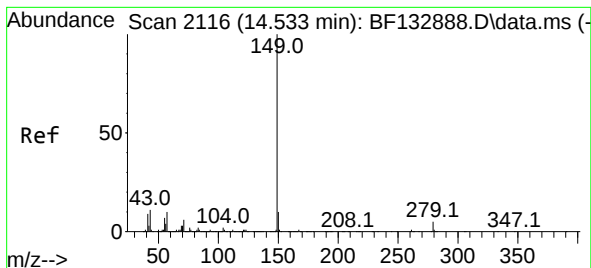
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

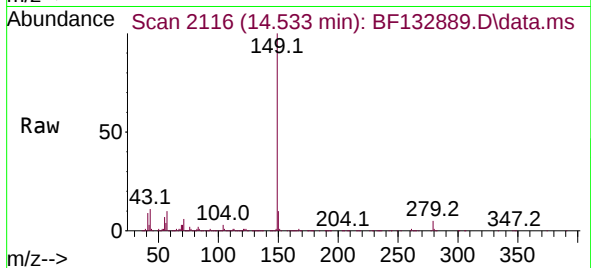
279 5.4 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 47.847 ng
RT: 14.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

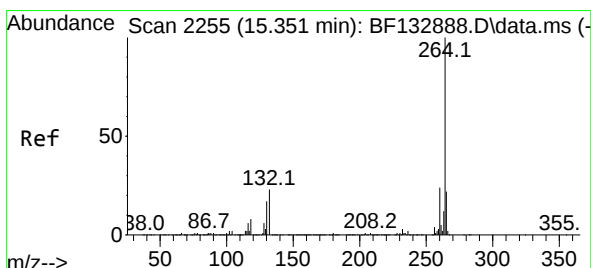
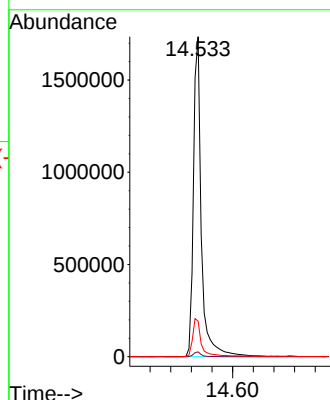
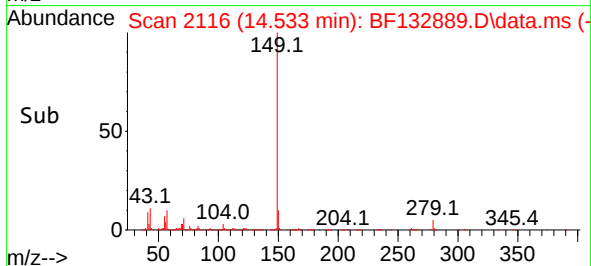
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



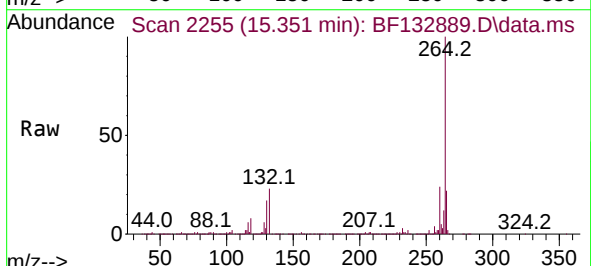
Tgt Ion:149 Resp: 184384
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.6 11.5 17.3

Manual Integrations
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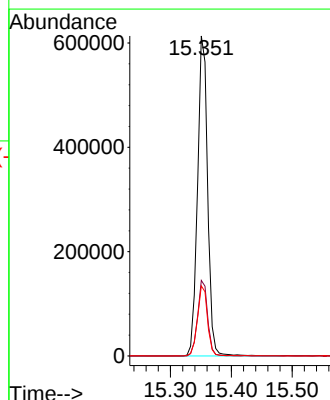
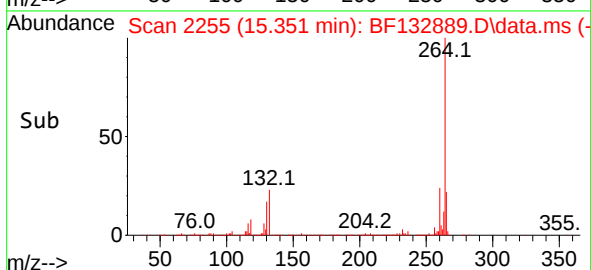
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

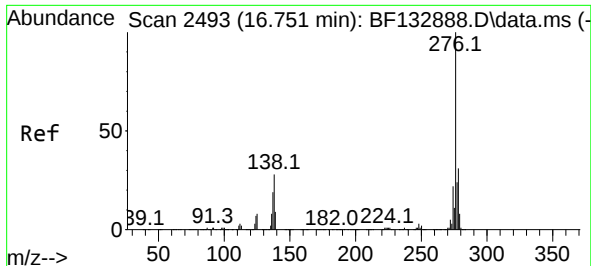


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:264 Resp: 705335
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.9 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.157 ng
RT: 16.757 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

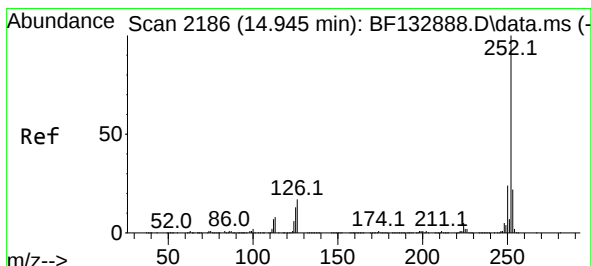
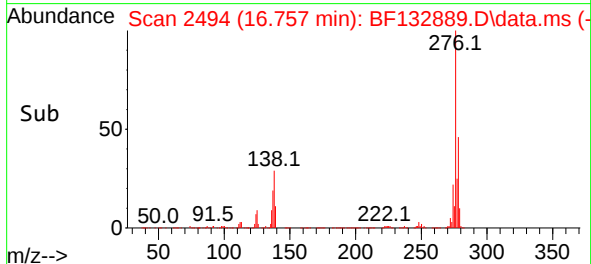
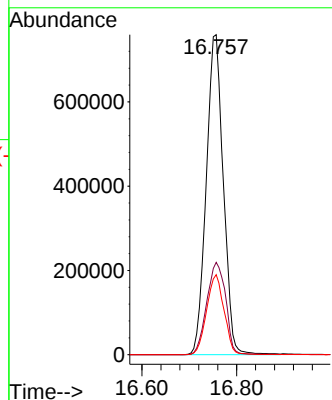
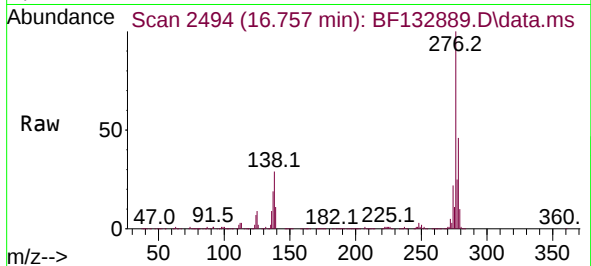
SSTDICC050

Tgt Ion:276 Resp: 1900584
Ion Ratio Lower Upper
276 100
138 31.8 25.5 38.3
277 25.5 20.3 30.5

Manual Integrations

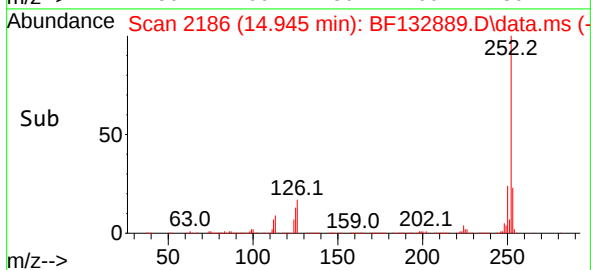
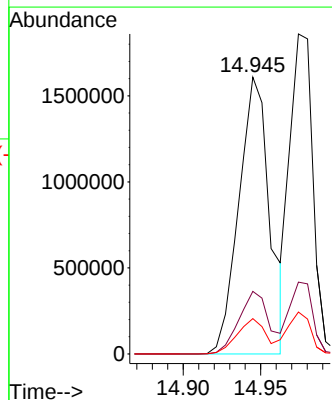
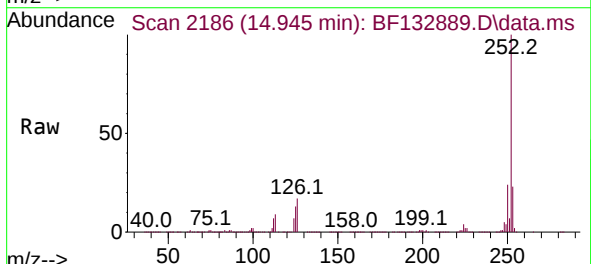
APPROVED

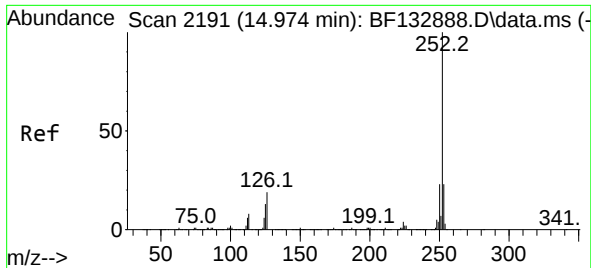
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#88
Benzo(b)fluoranthene
Concen: 50.575 ng
RT: 14.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

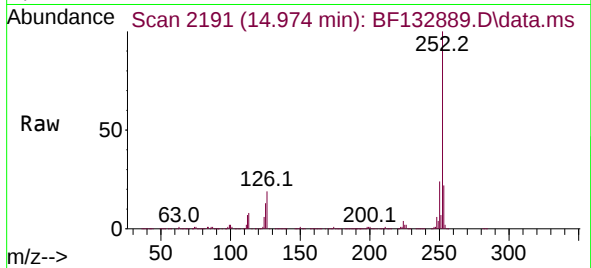
Tgt Ion:252 Resp: 2222057
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.8 10.0 15.0





#89
Benzo(k)fluoranthene
Concen: 44.882 ng
RT: 14.974 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

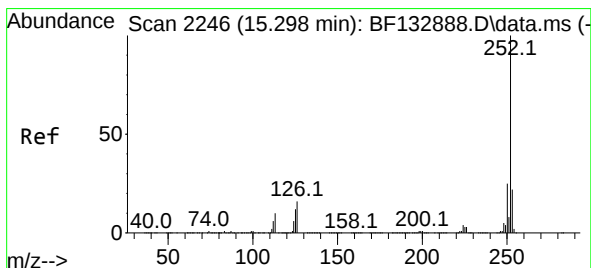
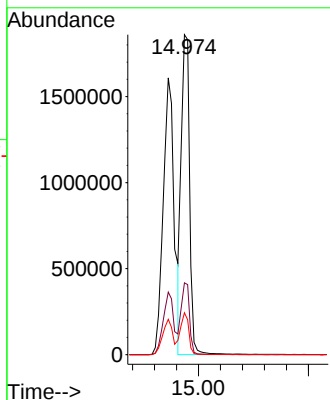
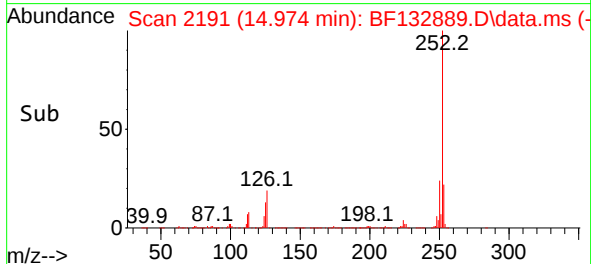
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



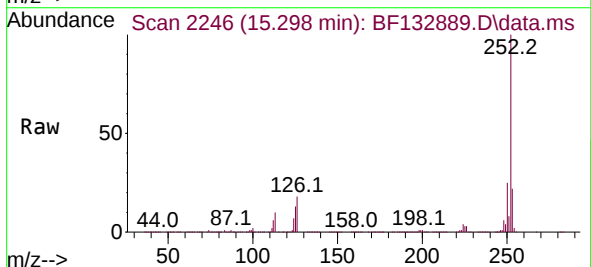
Tgt Ion:252 Resp: 196434
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 13.1 10.0 15.0

Manual Integrations
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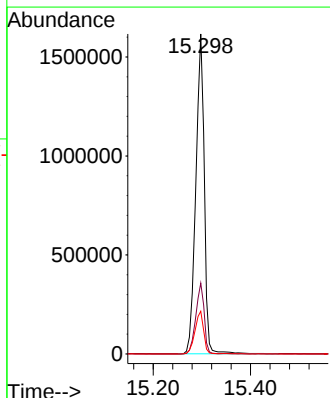
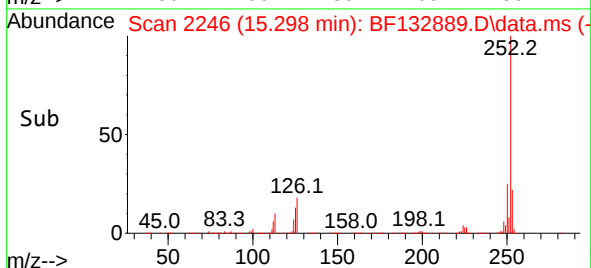
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

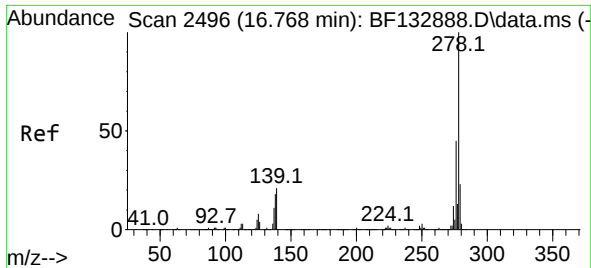


#90
Benzo(a)pyrene
Concen: 49.031 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03



Tgt Ion:252 Resp: 1968089
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 13.3 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 46.687 ng
RT: 16.774 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Instrument :

BNA_F

ClientSampleId :

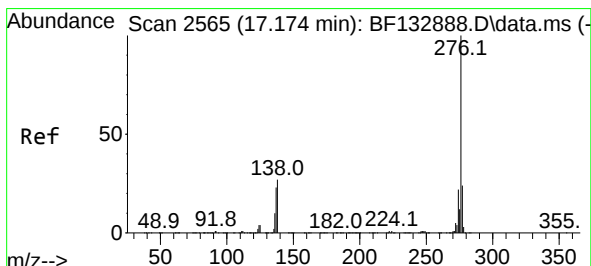
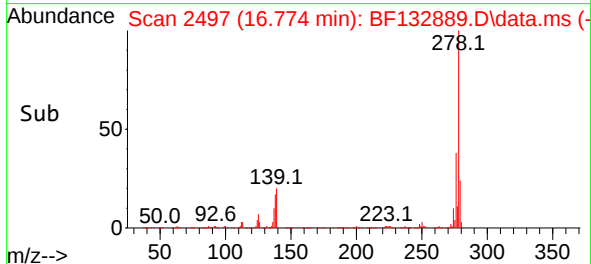
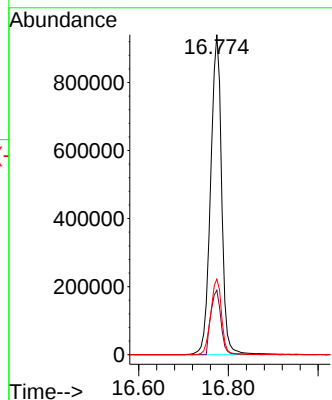
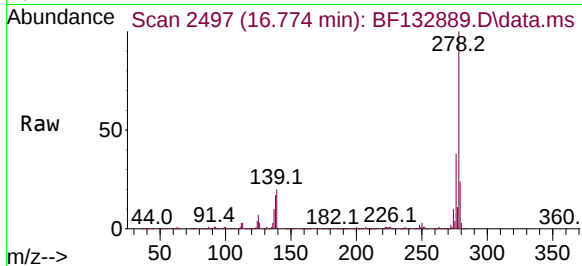
SSTDICC050

Tgt Ion:278 Resp: 1603258
Ion Ratio Lower Upper
278 100
139 20.2 16.7 25.1
279 23.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#92
Benzo(g,h,i)perylene
Concen: 46.232 ng
RT: 17.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF132889.D
Acq: 17 Apr 2023 15:03

Tgt Ion:276 Resp: 1520119
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 27.2 21.7 32.5

