

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
 Data File : BF132890.D
 Acq On : 17 Apr 2023 15:33
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 04:45:47 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	322996	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	1205259	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	605228	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1037762	20.000	ng	0.00
76) Chrysene-d12	13.927	240	669023	20.000	ng	0.00
86) Perylene-d12	15.351	264	655058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2289222	110.825	ng	0.00
7) Phenol-d6	6.404	99	2885861	109.486	ng	0.00
23) Nitrobenzene-d5	7.340	82	2651690	114.680	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	735478	121.157	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	3992886	101.350	ng	0.00
79) Terphenyl-d14	12.880	244	4400214	112.210	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.452	88	579812	57.525	ng	99
3) Pyridine	3.163	79	1607832	58.326	ng	98
4) n-Nitrosodimethylamine	3.134	42	766216	58.498	ng	98
6) Aniline	6.440	93	1981556	56.688	ng	98
8) 2-Chlorophenol	6.557	128	1146312	54.702	ng	99
9) Benzaldehyde	6.316	77	755690	48.455	ng	96
10) Phenol	6.422	94	1640049	55.321	ng	92
11) bis(2-Chloroethyl)ether	6.510	93	1238813	55.347	ng	98
12) 1,3-Dichlorobenzene	6.710	146	1248221	54.192	ng	98
13) 1,4-Dichlorobenzene	6.787	146	1253696	54.321	ng	97
14) 1,2-Dichlorobenzene	6.946	146	1135454	52.691	ng	98
15) Benzyl Alcohol	6.916	79	1029116	56.970	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	2135496	55.139	ng	99
17) 2-Methylphenol	7.022	107	1081660	56.355	ng	99
18) Hexachloroethane	7.287	117	445642	55.638	ng	91
19) n-Nitroso-di-n-propyla...	7.198	70	919236	55.872	ng	98
20) 3+4-Methylphenols	7.187	107	1177602	51.909	ng	# 81
22) Acetophenone	7.187	105	1497357	52.958	ng	98
24) Nitrobenzene	7.357	77	1377006	58.101	ng	99
25) Isophorone	7.598	82	2571588	58.633	ng	99
26) 2-Nitrophenol	7.669	139	592463	66.266	ng	93
27) 2,4-Dimethylphenol	7.710	122	1050243	57.586	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	1466684	55.931	ng	100
29) 2,4-Dichlorophenol	7.910	162	985843	58.074	ng	95
30) 1,2,4-Trichlorobenzene	7.998	180	1034621	56.446	ng	98
31) Naphthalene	8.081	128	3284365	53.925	ng	100
32) Benzoic acid	7.851	122	639843m	70.325	ng	
33) 4-Chloroaniline	8.128	127	1403893	56.278	ng	99
34) Hexachlorobutadiene	8.198	225	590659	56.329	ng	99
35) Caprolactam	8.522	113	320574m	63.413	ng	
36) 4-Chloro-3-methylphenol	8.610	107	1038984	58.312	ng	95
37) 2-Methylnaphthalene	8.769	142	2228544	53.160	ng	98
38) 1-Methylnaphthalene	8.869	142	2078911	53.222	ng	100
40) 1,2,4,5-Tetrachloroben...	8.934	216	962401	56.219	ng	100
41) Hexachlorocyclopentadiene	8.922	237	575932	63.830	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	642745	59.230	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	749954	59.102	ng	98
46) 1,1'-Biphenyl	9.234	154	2576455	53.700	ng	99
47) 2-Chloronaphthalene	9.257	162	1951689	54.969	ng	98
48) 2-Nitroaniline	9.351	65	658791	64.139	ng	97
49) Acenaphthylene	9.675	152	3073972	54.282	ng	99
50) Dimethylphthalate	9.539	163	2368180	56.596	ng	99
51) 2,6-Dinitrotoluene	9.598	165	557803	60.802	ng	98
52) Acenaphthene	9.845	154	1999301	54.788	ng	99
53) 3-Nitroaniline	9.763	138	641308	61.430	ng	98
54) 2,4-Dinitrophenol	9.863	184	245954	68.822	ng	94
55) Dibenzofuran	10.016	168	2797109	54.025	ng	100
56) 4-Nitrophenol	9.916	139	484707	62.503	ng	95
57) 2,4-Dinitrotoluene	9.998	165	697953	61.642	ng	99
58) Fluorene	10.357	166	1980961	52.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	590667	59.978	ng	99
60) Diethylphthalate	10.239	149	2230349	57.042	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	1035059	53.656	ng	96
62) 4-Nitroaniline	10.381	138	625188	62.306	ng	98
63) Azobenzene	10.510	77	2410142	55.182	ng	98
65) 4,6-Dinitro-2-methylph...	10.404	198	334669	67.338	ng	98
66) n-Nitrosodiphenylamine	10.475	169	1878300	55.574	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	681719	57.528	ng	95
68) Hexachlorobenzene	10.904	284	711318	57.858	ng	# 92
69) Atrazine	10.998	200	557687	59.034	ng	99
70) Pentachlorophenol	11.092	266	515782	65.014	ng	100
71) Phenanthrene	11.316	178	3019769	54.098	ng	98
72) Anthracene	11.369	178	3098803	54.230	ng	99
73) Carbazole	11.522	167	2728792	55.191	ng	99
74) Di-n-butylphthalate	11.857	149	3221157	60.773	ng	100
75) Fluoranthene	12.504	202	3089271	55.653	ng	98
77) Benzidine	12.622	184	713672	68.479	ng	98
78) Pyrene	12.727	202	3138171	57.365	ng	99
80) Butylbenzylphthalate	13.357	149	842732	62.142	ng	89
81) Benzo(a)anthracene	13.916	228	2652572	58.300	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	757525	68.829	ng	99
83) Chrysene	13.957	228	2633342	58.231	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	1221855	70.609	ng	98
85) Di-n-octyl phthalate	14.533	149	2403609	61.791	ng	98
87) Indeno(1,2,3-cd)pyrene	16.757	276	2351462	62.822	ng	100
88) Benzo(b)fluoranthene	14.945	252	2511712	61.556	ng	99
89) Benzo(k)fluoranthene	14.980	252	2346601	57.731	ng	99
90) Benzo(a)pyrene	15.298	252	2272263	60.954	ng	98
91) Dibenzo(a,h)anthracene	16.780	278	1967490	61.690	ng	97
92) Benzo(g,h,i)perylene	17.186	276	1927594	63.125	ng	100

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

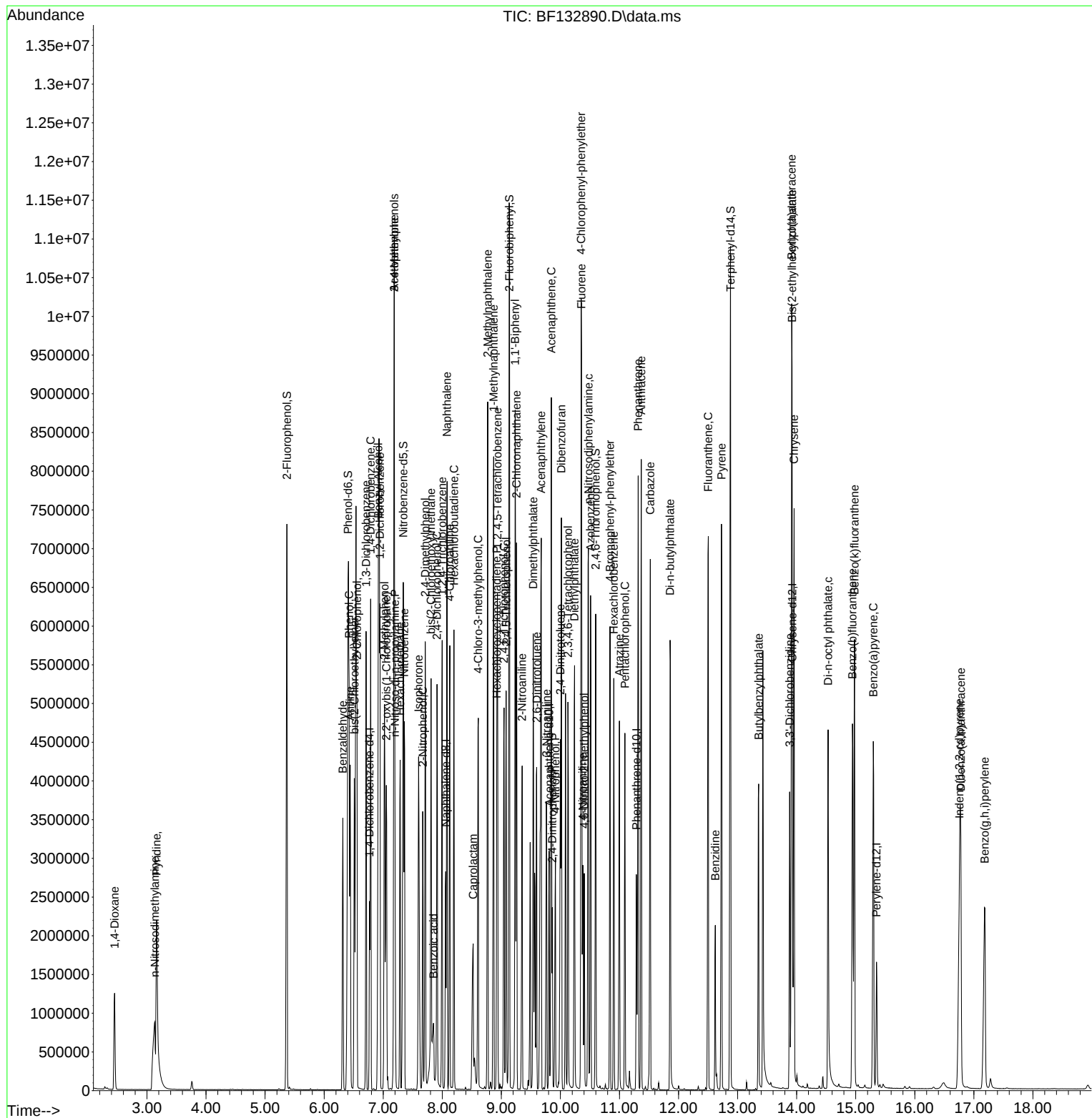
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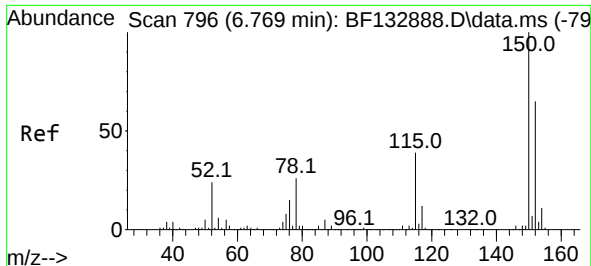
Instrument :
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 ClientSampleId :
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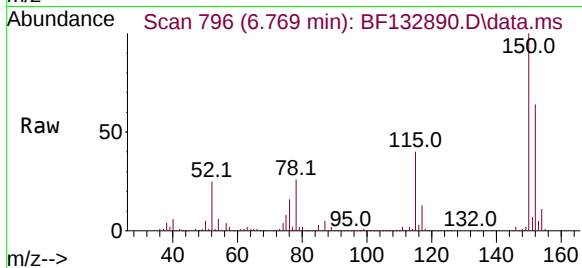
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

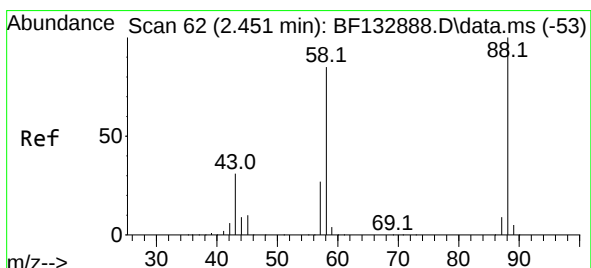
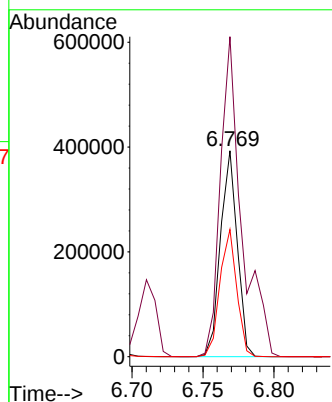
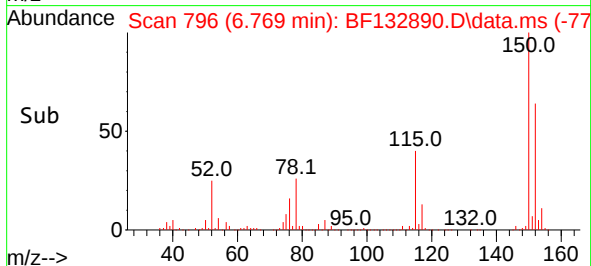
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



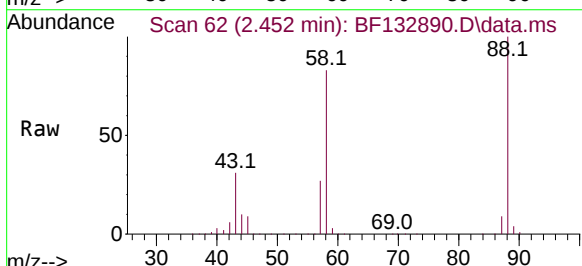
Tgt Ion: 152 Resp: 322990
Ion Ratio Lower Upper
152 100
150 155.4 122.8 184.2
115 61.8 47.3 70.9

Manual Integrations
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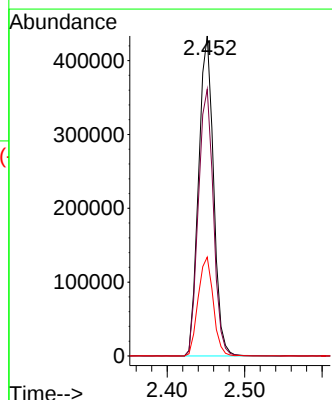
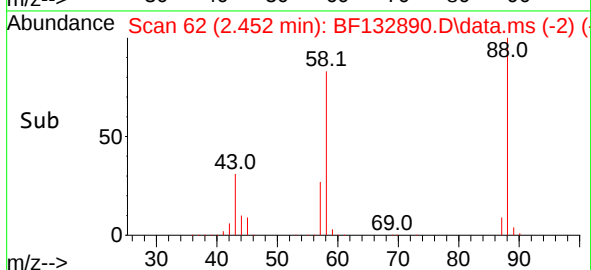
Reviewed By : Christian Giraldo 04/18/2023
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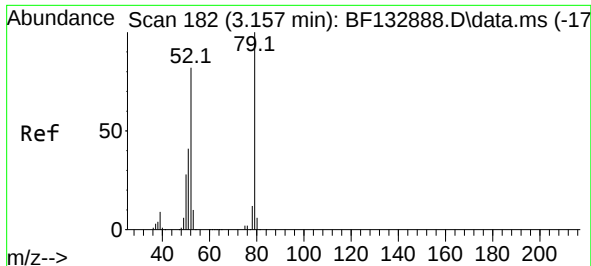


#2
1,4-Dioxane
Concen: 57.525 ng
RT: 2.452 min Scan# 62
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



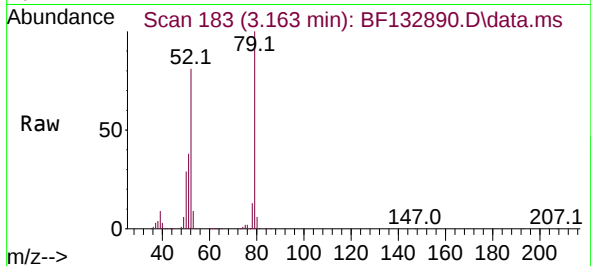
Tgt Ion: 88 Resp: 579812
Ion Ratio Lower Upper
88 100
58 84.1 67.8 101.6
43 31.2 25.4 38.0





#3
Pyridine
Concen: 58.326 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

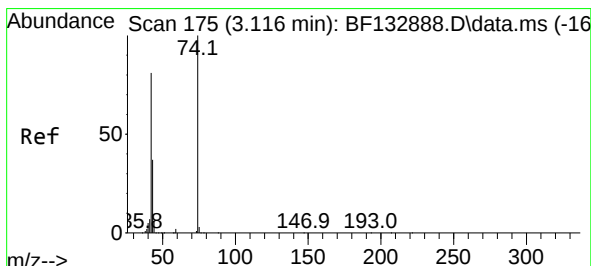
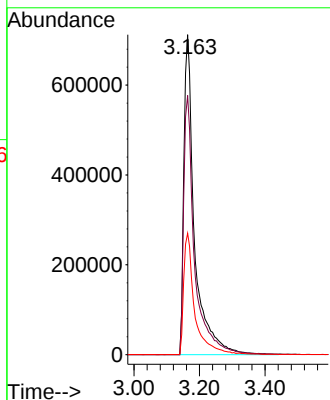
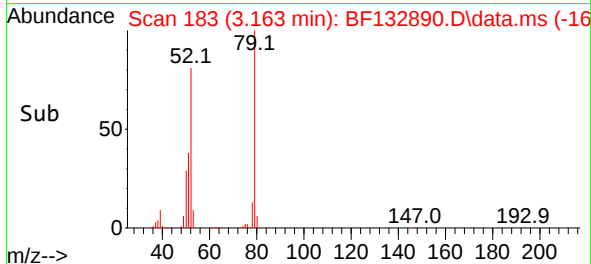
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



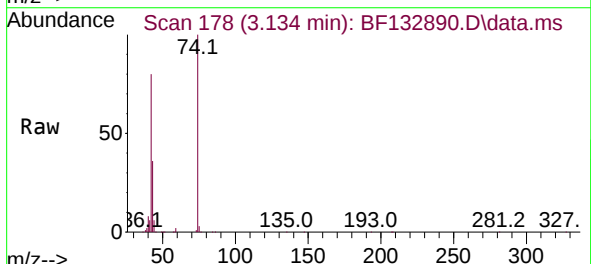
Tgt Ion: 79 Resp: 160783
Ion Ratio Lower Upper
79 100
52 81.0 65.4 98.0
51 38.0 32.6 48.8

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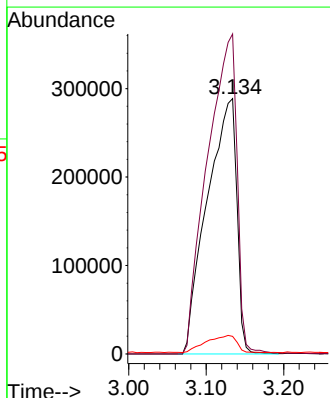
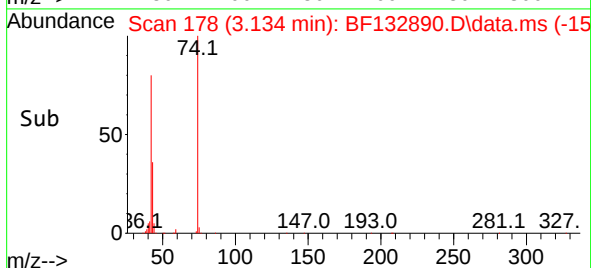
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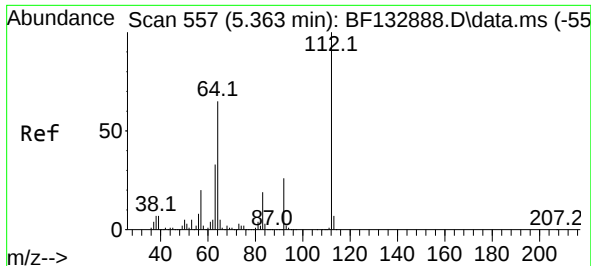


#4
n-Nitrosodimethylamine
Concen: 58.498 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.018 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



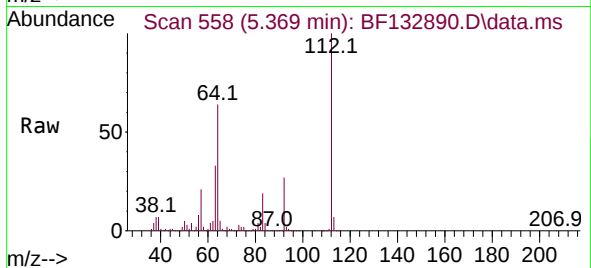
Tgt Ion: 42 Resp: 766216
Ion Ratio Lower Upper
42 100
74 125.3 98.4 147.6
44 6.9 6.1 9.1





#5
2-Fluorophenol
Concen: 110.825 ng
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

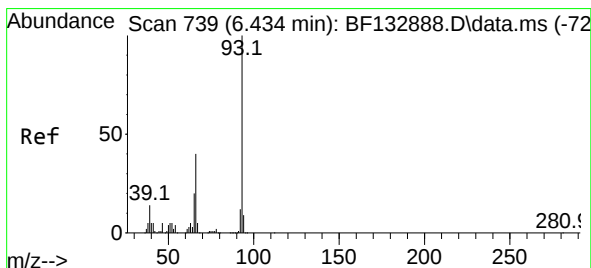
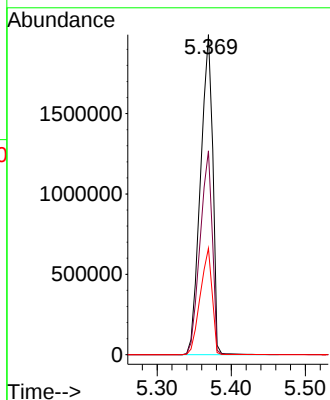
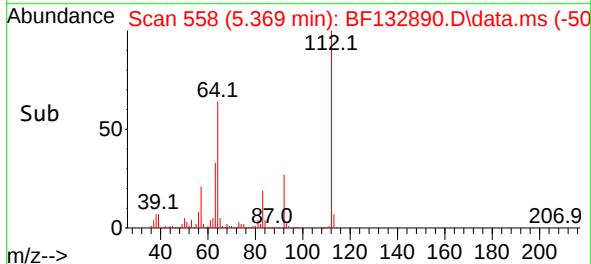
Instrument :
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Tgt Ion: 112 Resp: 228922
Ion Ratio Lower Upper
112 100
64 63.7 51.8 77.8
63 33.2 26.3 39.5

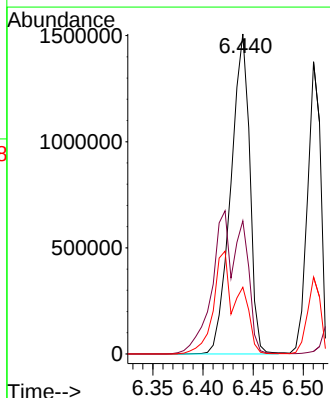
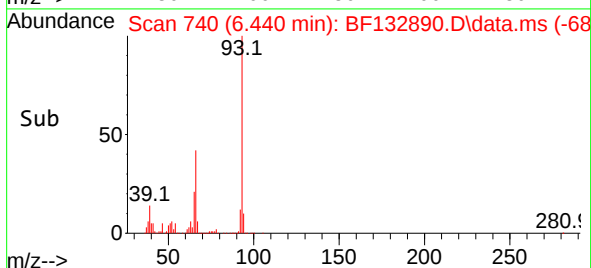
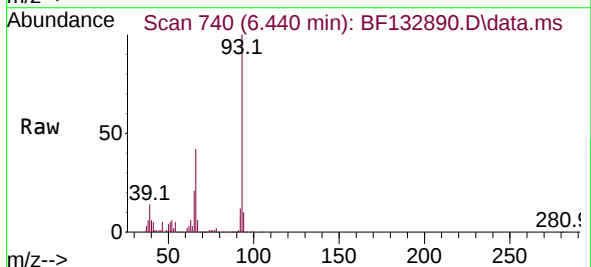
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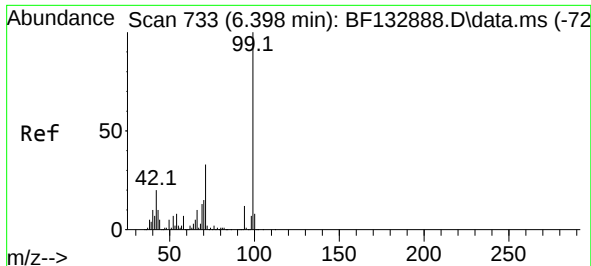
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#6
Aniline
Concen: 56.688 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion: 93 Resp: 1981556
Ion Ratio Lower Upper
93 100
66 41.6 31.8 47.6
65 20.9 16.3 24.5





#7

Phenol-d6

Concen: 109.486 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 288586

Ion Ratio Lower Upper

99 100

42 20.9 16.1 24.1

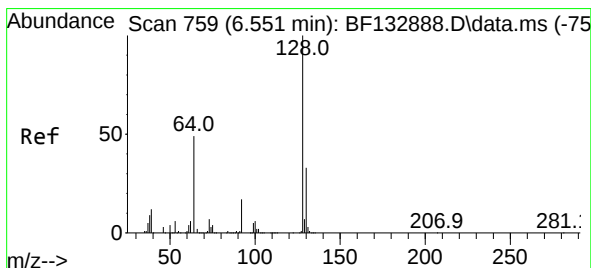
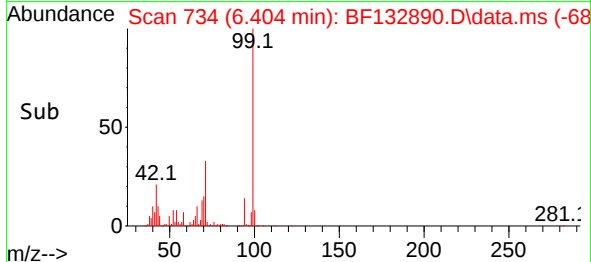
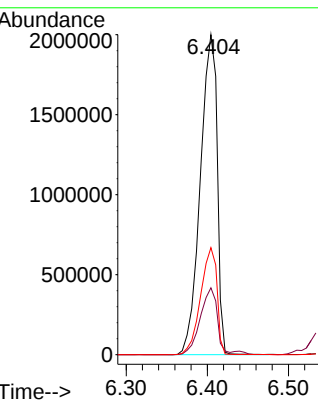
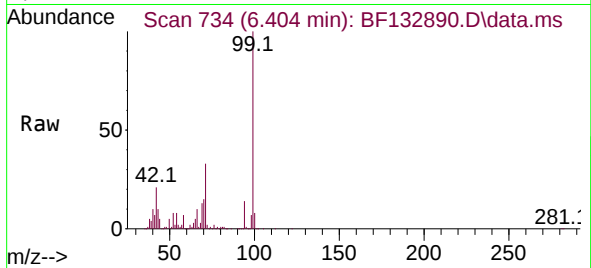
71 33.4 26.1 39.1

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#8

2-Chlorophenol

Concen: 54.702 ng

RT: 6.557 min Scan# 760

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

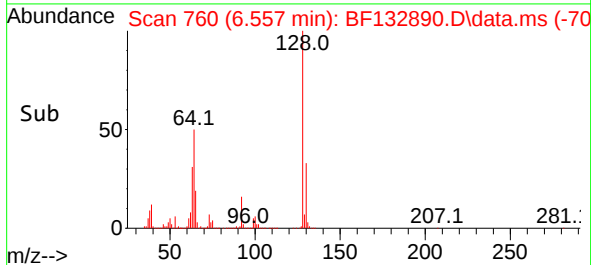
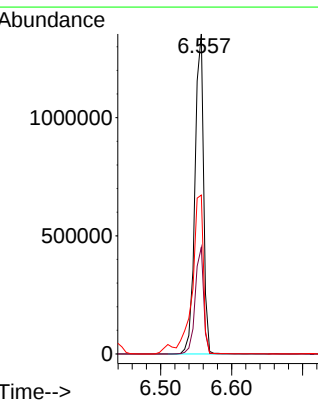
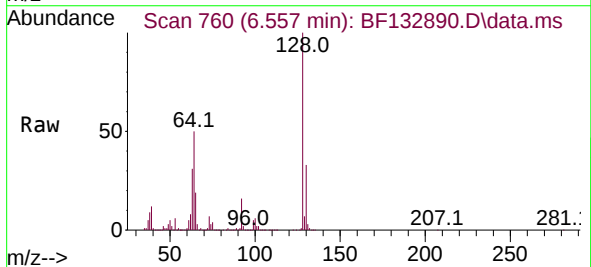
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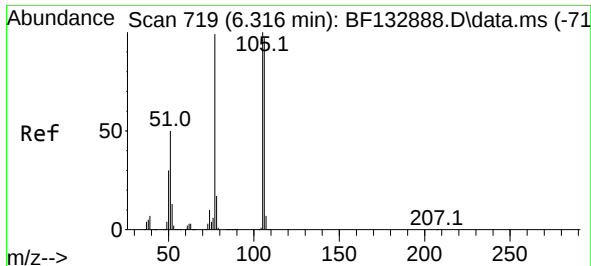
Ion Ratio Lower Upper

128 100

130 33.3 13.2 53.2

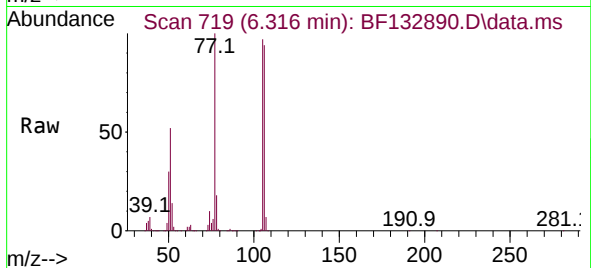
64 49.6 30.9 70.9





#9
Benzaldehyde
Concen: 48.455 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132890.D
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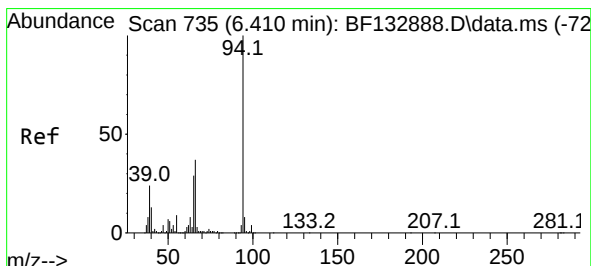
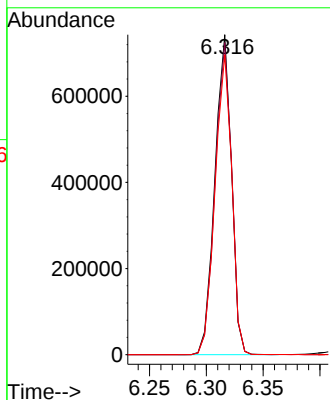
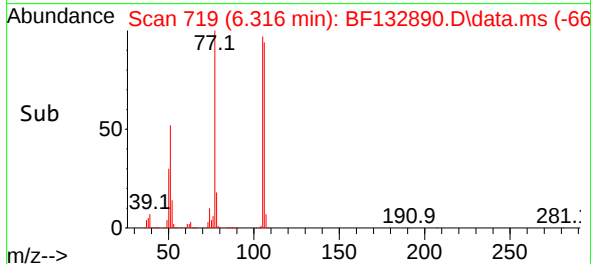
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ClientSampleId :
SSTDICC060



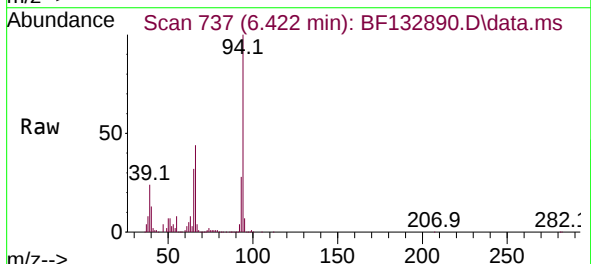
Tgt Ion: 77 Resp: 755690
Ion Ratio Lower Upper
77 100
105 97.5 80.8 120.8
106 93.7 77.9 117.9

Manual Integrations
APPROVED

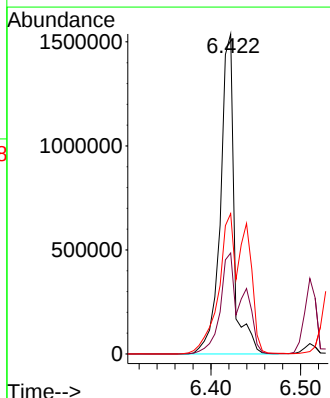
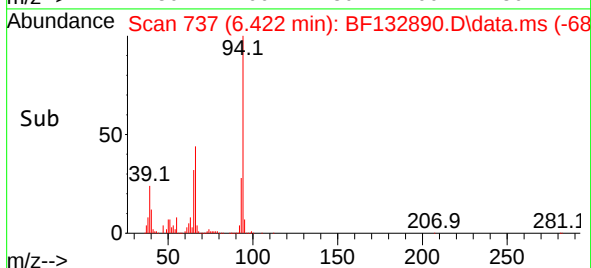
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

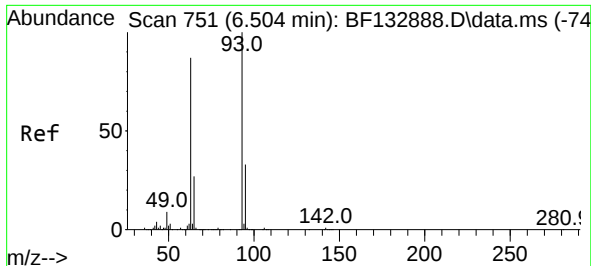


#10
Phenol
Concen: 55.321 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.012 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



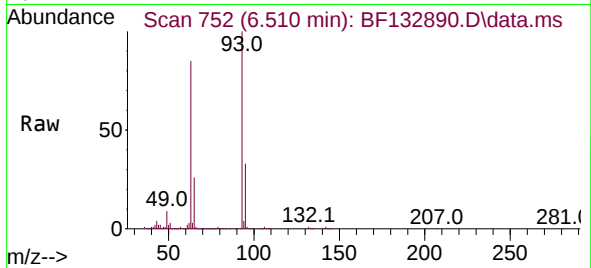
Tgt Ion: 94 Resp: 1640049
Ion Ratio Lower Upper
94 100
65 31.5 9.0 49.0
66 43.9 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 55.347 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

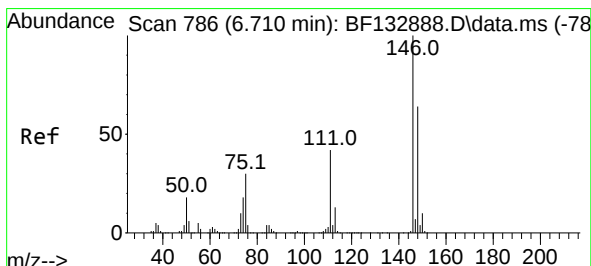
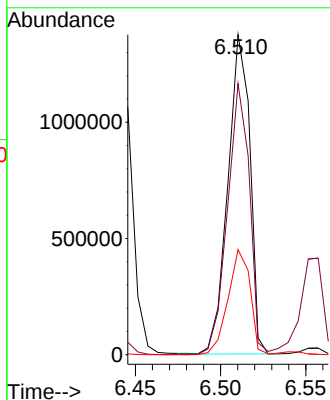
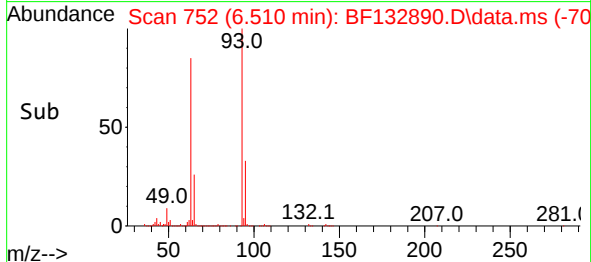
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 93 Resp: 123881
Ion Ratio Lower Upper
93 100
63 84.7 66.7 106.7
95 32.9 12.8 52.8

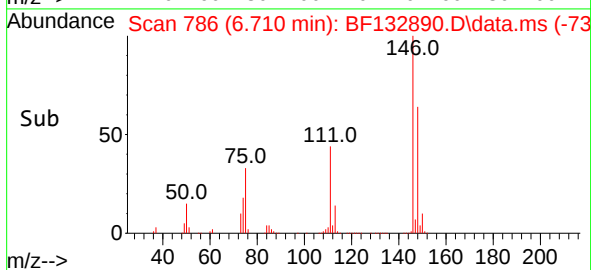
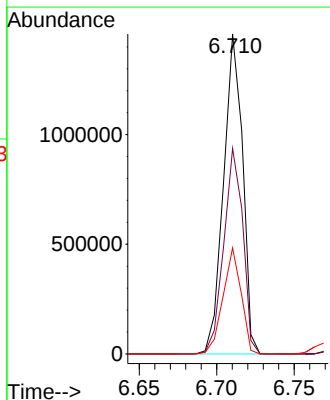
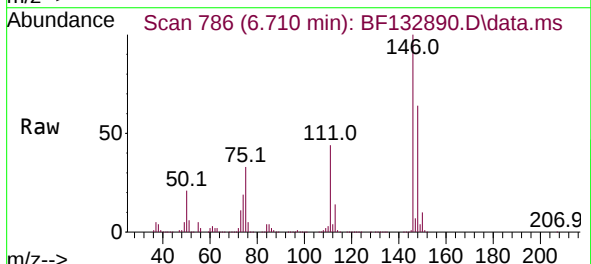
Manual Integrations
APPROVED

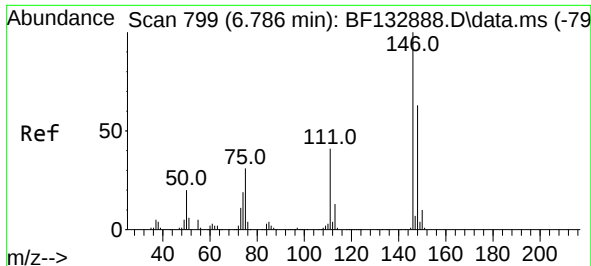
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#12
1,3-Dichlorobenzene
Concen: 54.192 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:146 Resp: 1248221
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
75 33.2 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 54.321 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 1253690

Ion Ratio Lower Upper

146 100

148 65.2 50.7 76.1

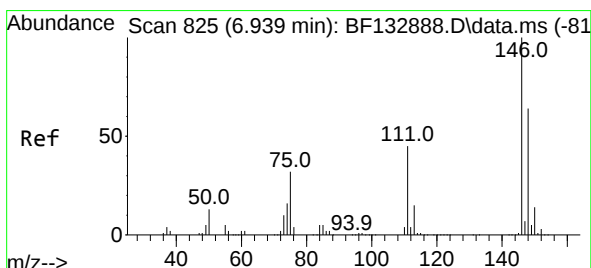
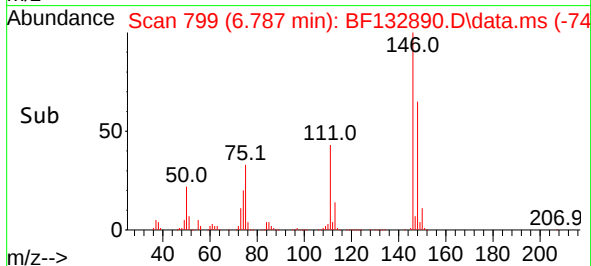
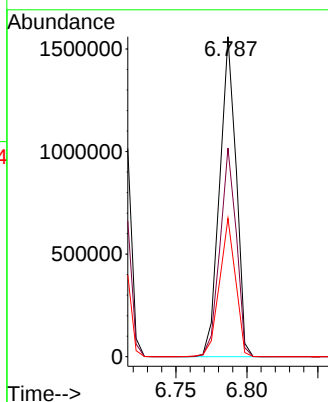
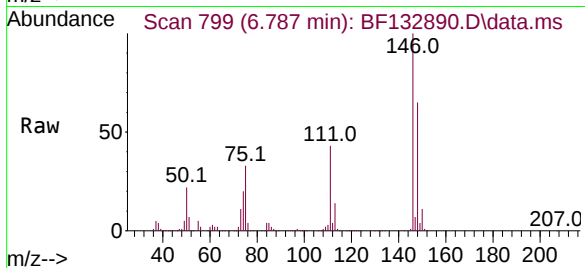
111 43.3 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#14

1,2-Dichlorobenzene

Concen: 52.691 ng

RT: 6.946 min Scan# 826

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

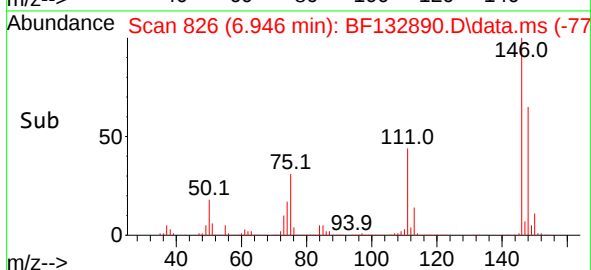
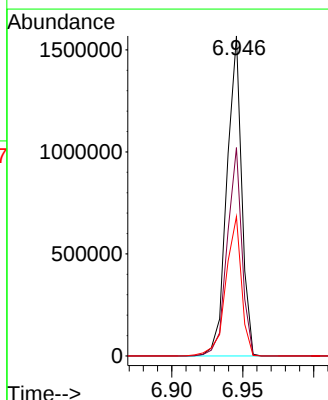
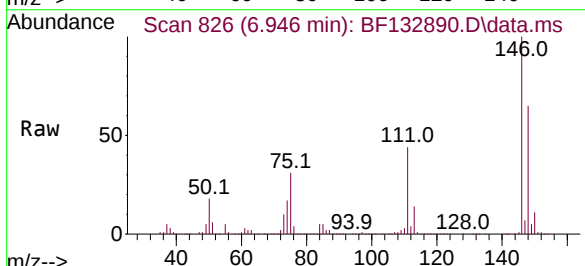
Tgt Ion:146 Resp: 1135454

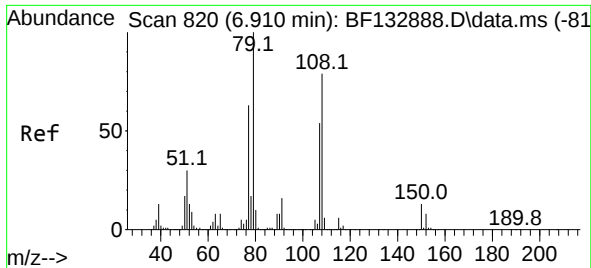
Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

111 43.6 36.0 54.0





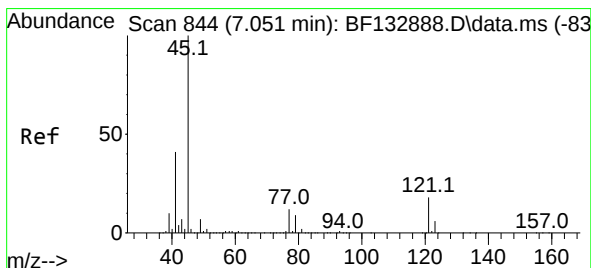
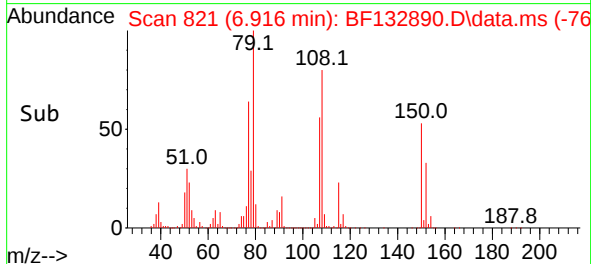
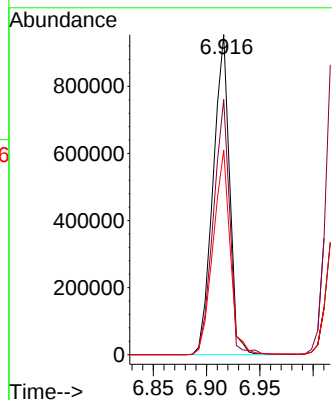
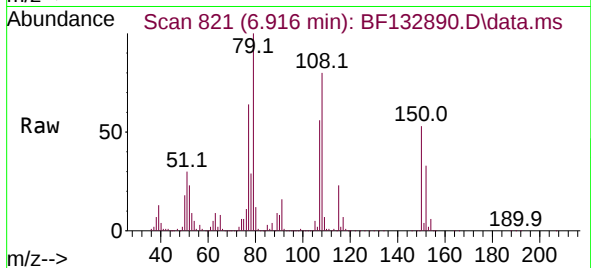
#15
Benzyl Alcohol
Concen: 56.970 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1029110
Ion Ratio Lower Upper
79 100
108 79.8 63.0 94.6
77 63.9 50.4 75.6

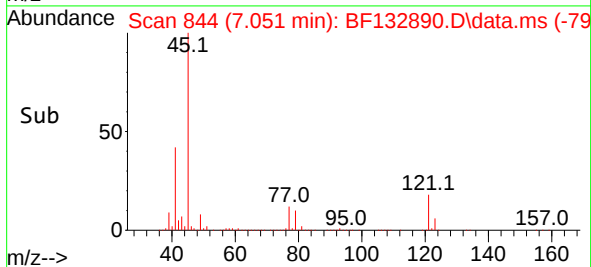
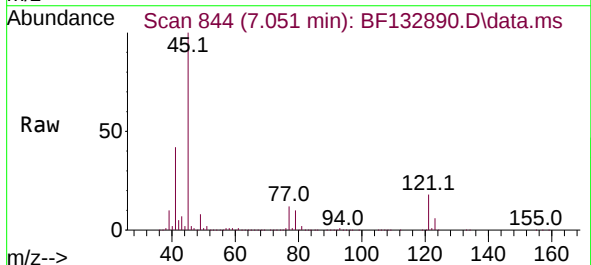
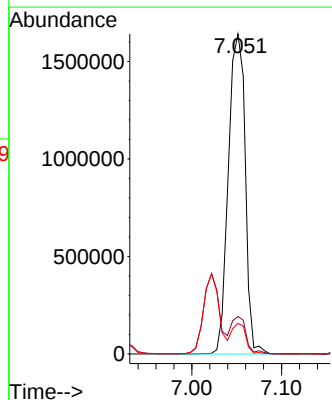
Manual Integrations
APPROVED

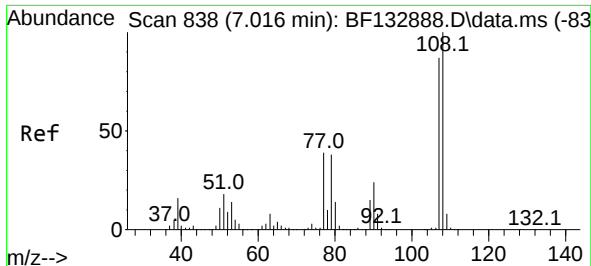
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.139 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

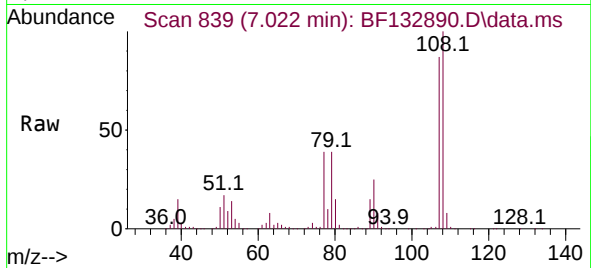
Tgt Ion: 45 Resp: 2135496
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.6
79 9.5 0.0 29.2





#17
2-Methylphenol
Concen: 56.355 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

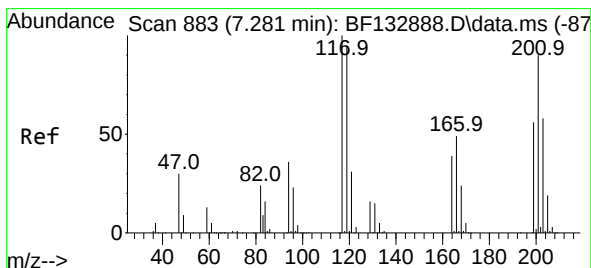
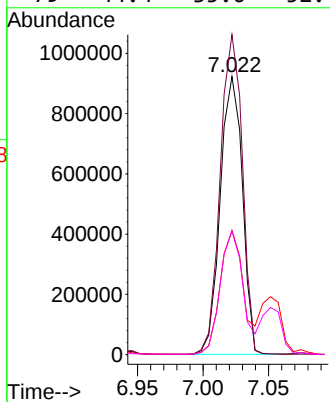
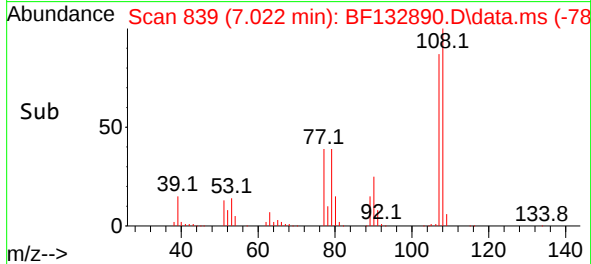
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 1081660
Ion Ratio Lower Upper
107 100
108 115.0 91.7 137.5
77 44.7 35.8 53.8
79 44.4 35.0 52.4

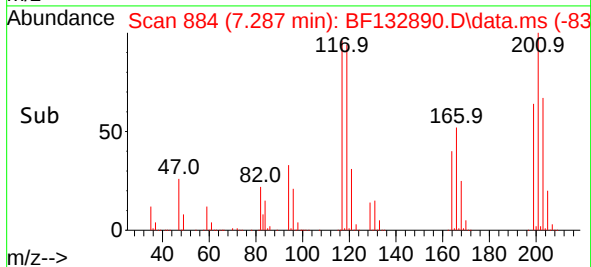
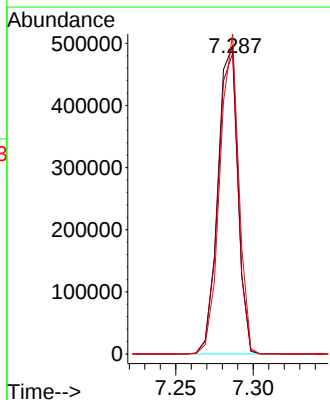
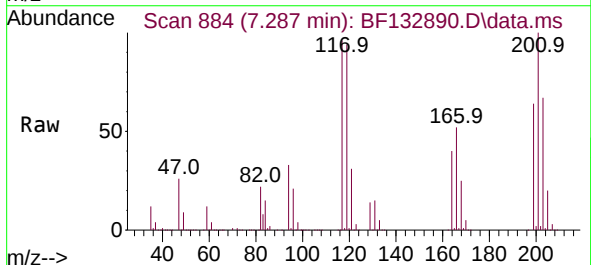
Manual Integrations
APPROVED

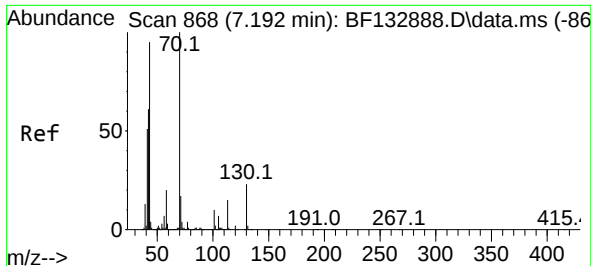
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#18
Hexachloroethane
Concen: 55.638 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:117 Resp: 445642
Ion Ratio Lower Upper
117 100
119 97.8 76.1 114.1
201 104.0 71.8 107.6





#19
n-Nitroso-di-n-propylamine
Concen: 55.872 ng
RT: 7.198 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

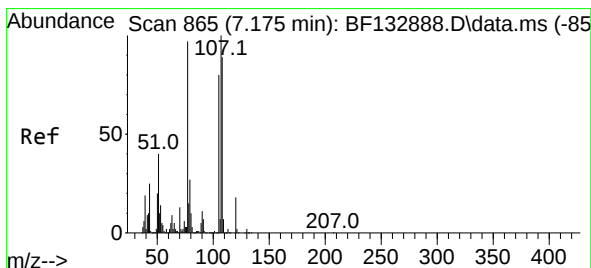
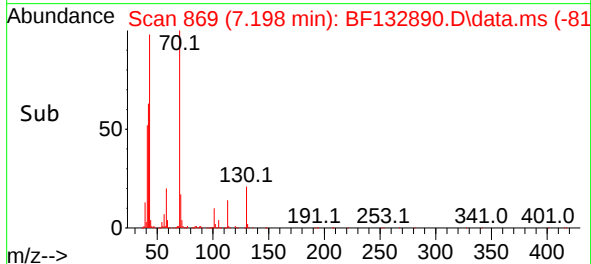
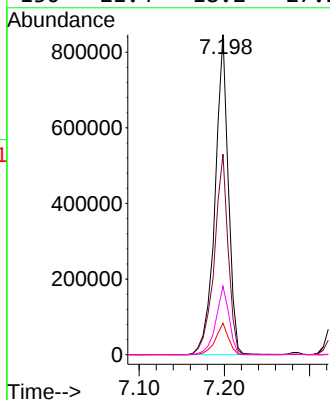
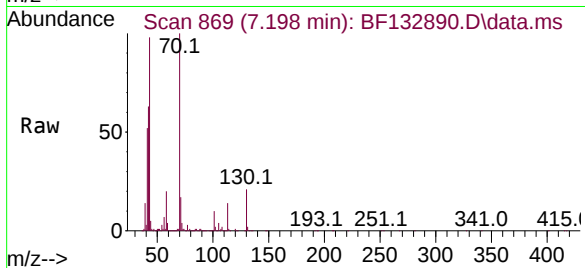
SSTDICC060

Tgt Ion: 70 Resp: 919230
Ion Ratio Lower Upper
70 100
42 62.7 49.0 73.6
101 9.8 8.1 12.1
130 21.4 18.2 27.2

Manual Integrations

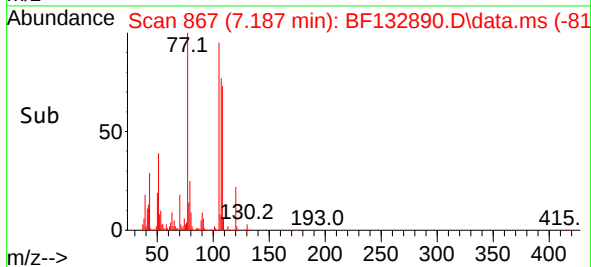
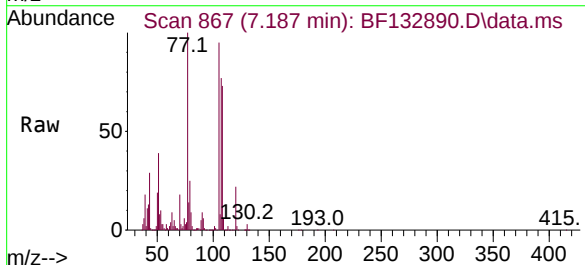
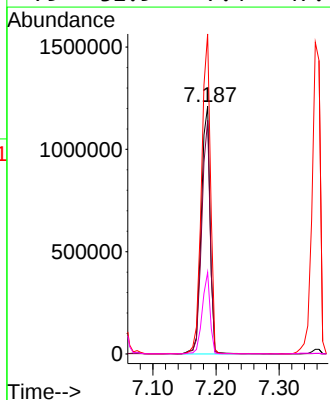
APPROVED

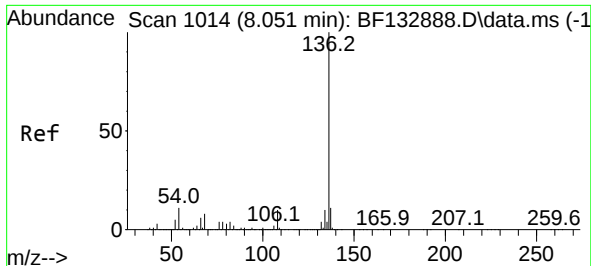
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#20
3+4-Methylphenols
Concen: 51.909 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.012 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

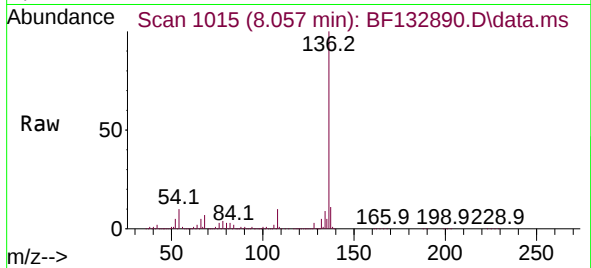
Tgt Ion:107 Resp: 1177602
Ion Ratio Lower Upper
107 100
108 94.3 68.5 108.5
77 129.3 77.1 117.1#
79 32.9 7.4 47.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

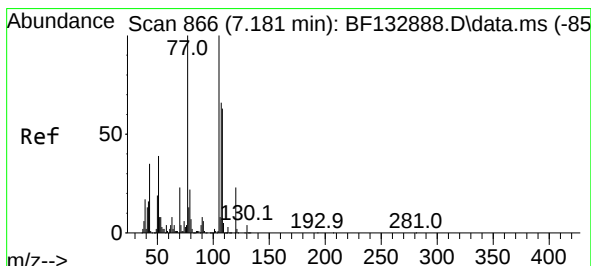
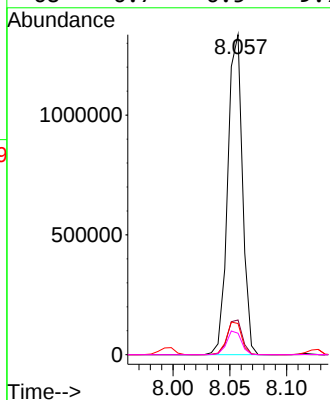
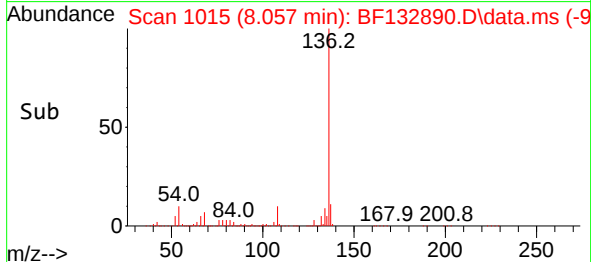
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 1205259
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.7 8.9 13.3
68 6.7 6.5 9.7

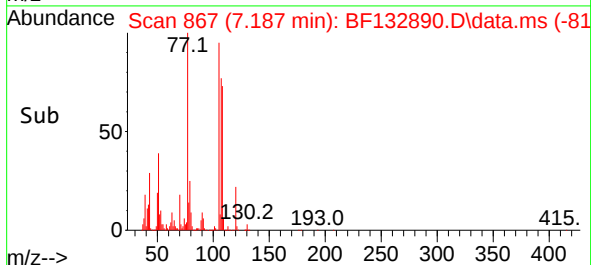
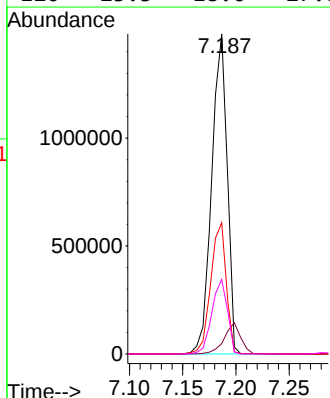
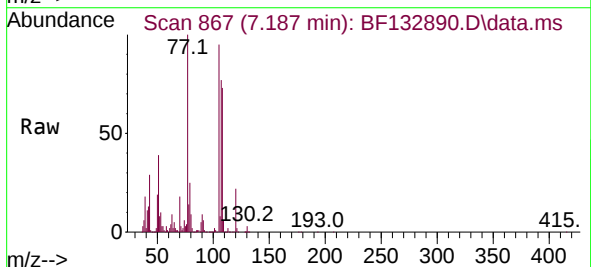
Manual Integrations
APPROVED

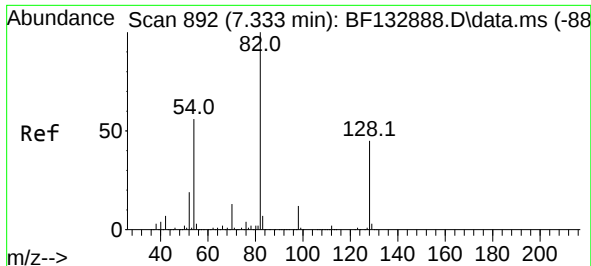
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#22
Acetophenone
Concen: 52.958 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:105 Resp: 1497357
Ion Ratio Lower Upper
105 100
71 3.3 3.1 4.7
51 41.0 31.4 47.2
120 23.3 18.6 27.8





#23
Nitrobenzene-d5
Concen: 114.680 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

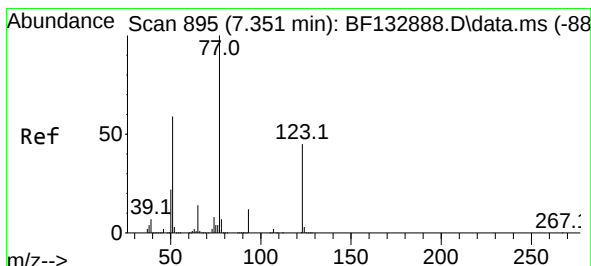
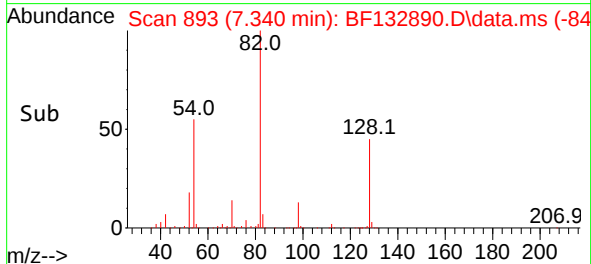
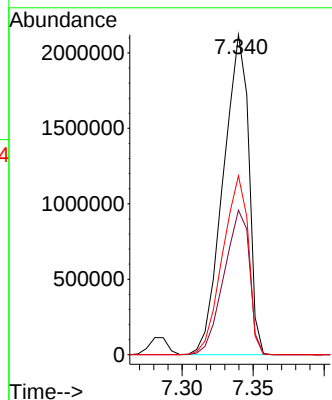
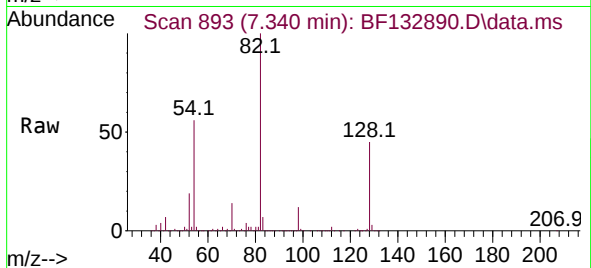
SSTDICC060

Tgt Ion: 82 Resp: 2651690
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 55.9 44.7 67.1

Manual Integrations

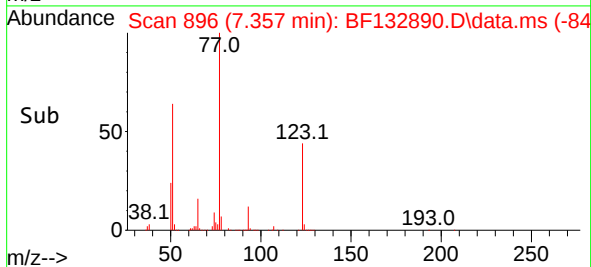
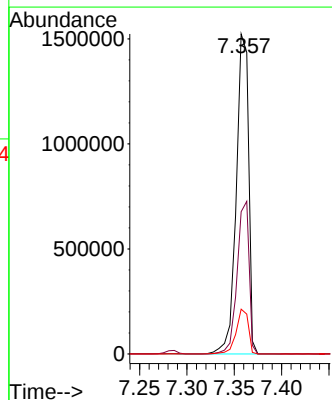
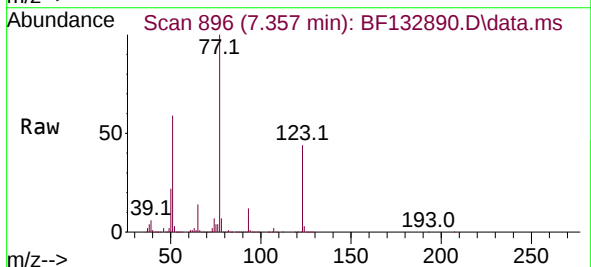
APPROVED

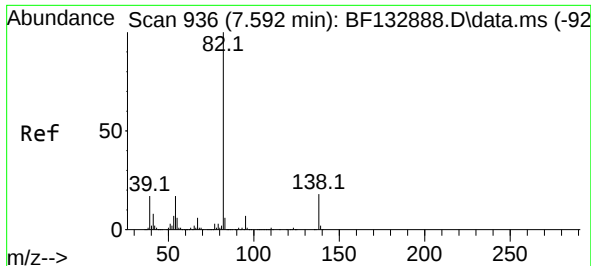
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#24
Nitrobenzene
Concen: 58.101 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

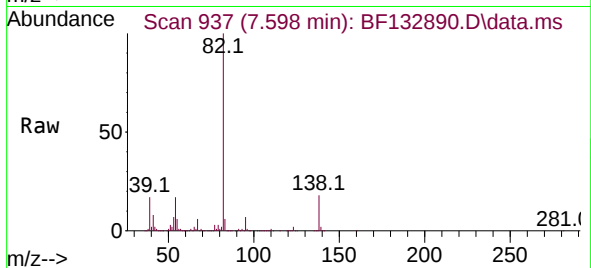
Tgt Ion: 77 Resp: 1377006
Ion Ratio Lower Upper
77 100
123 44.5 36.3 54.5
65 14.0 11.2 16.8





#25
Isophorone
Concen: 58.633 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

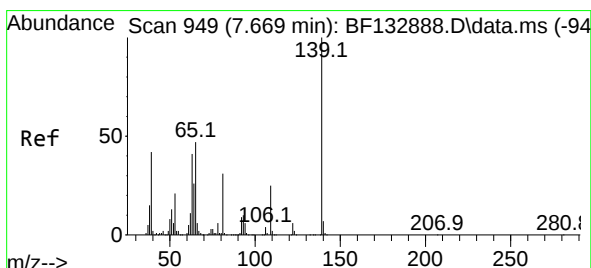
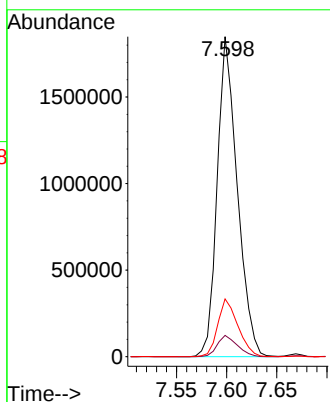
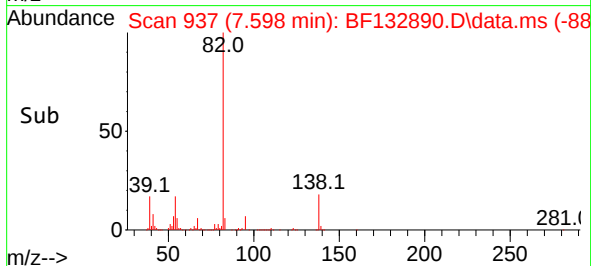
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 257158
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.1 14.2 21.2

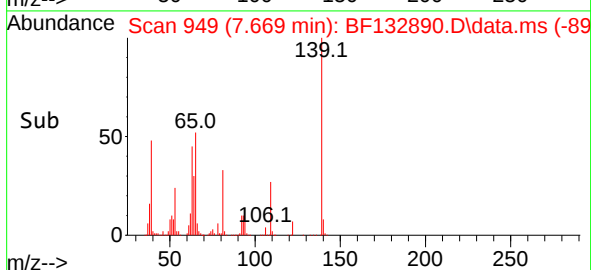
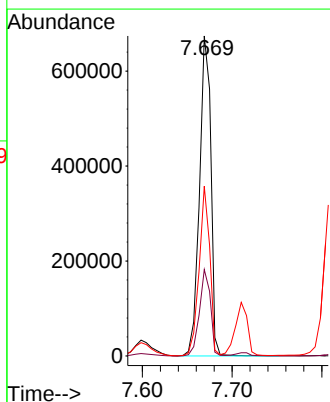
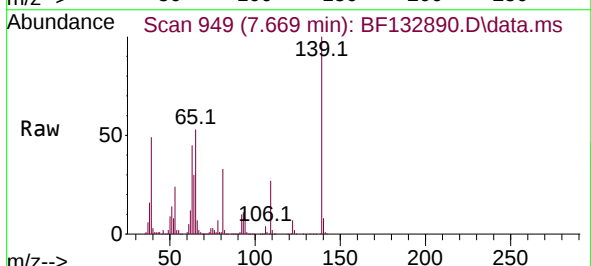
Manual Integrations
APPROVED

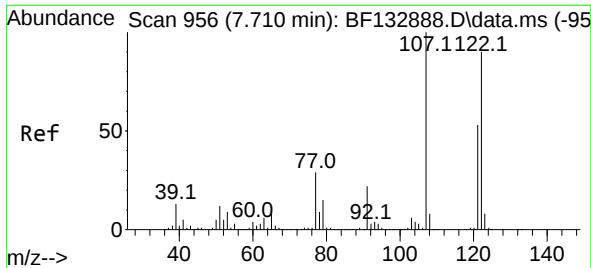
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#26
2-Nitrophenol
Concen: 66.266 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:139 Resp: 592463
Ion Ratio Lower Upper
139 100
109 27.0 20.1 30.1
65 53.1 38.0 57.0





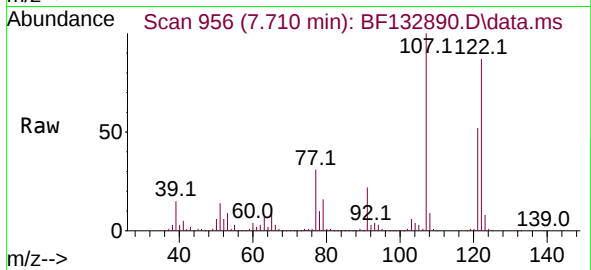
#27
2,4-Dimethylphenol
Concen: 57.586 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

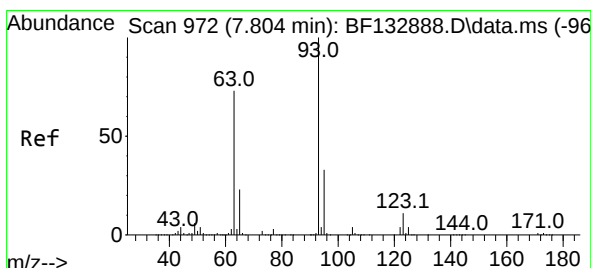
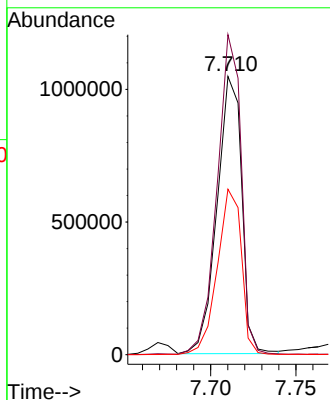
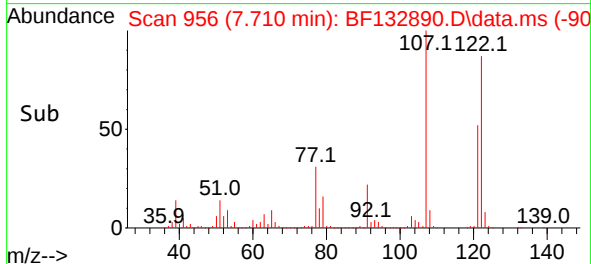


Tgt Ion:122 Resp: 105024
Ion Ratio Lower Upper
122 100
107 115.0 88.5 132.7
121 59.5 47.2 70.8

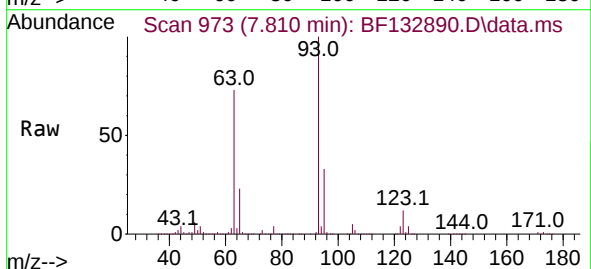
Manual Integrations

APPROVED

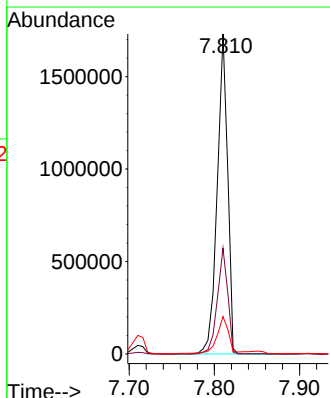
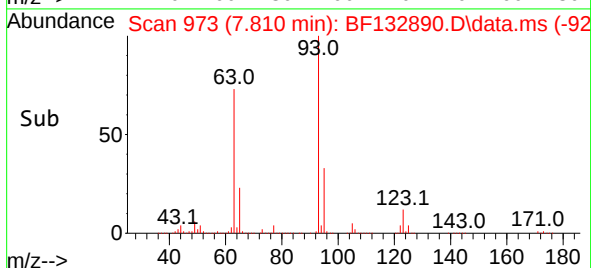
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

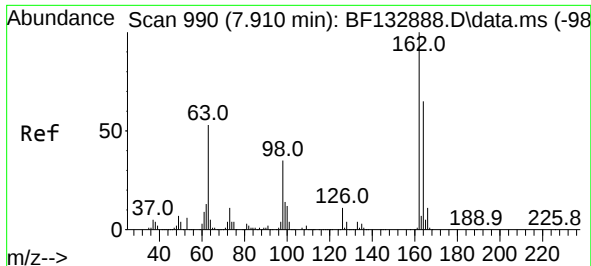


#28
bis(2-Chloroethoxy)methane
Concen: 55.931 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion: 93 Resp: 1466684
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.7 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 58.074 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

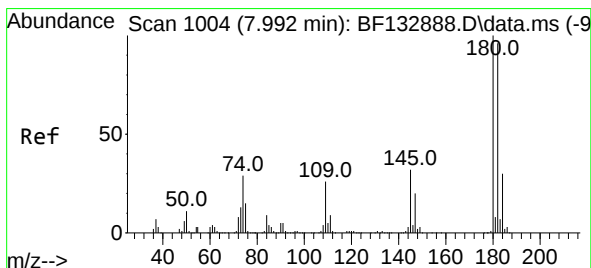
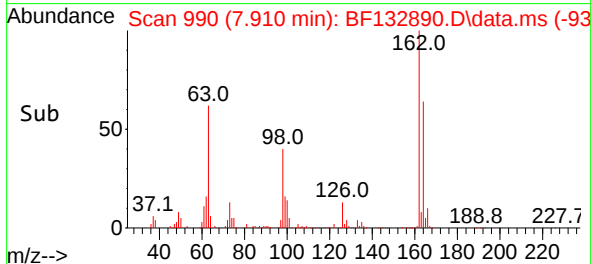
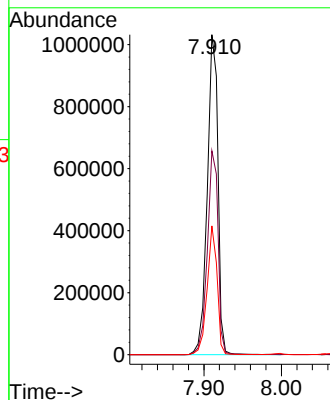
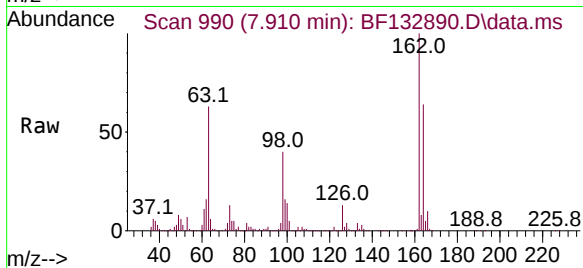
SSTDICC060

Tgt Ion:162 Resp: 98584
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.2 85.2
 98 40.3 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: 56.446 ng

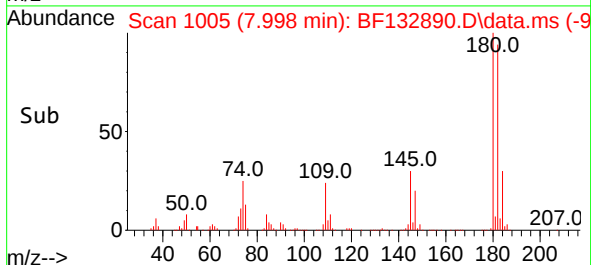
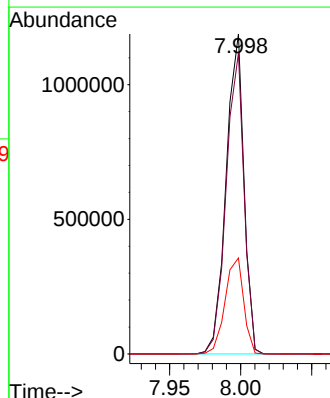
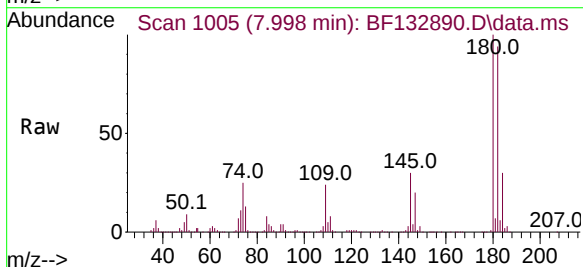
RT: 7.998 min Scan# 1005

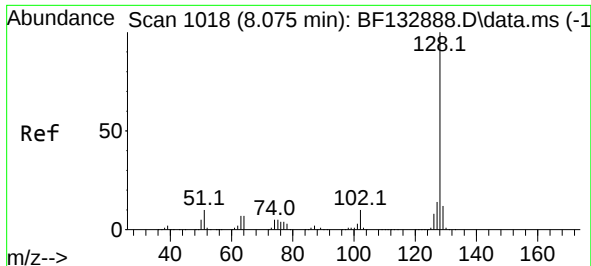
Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

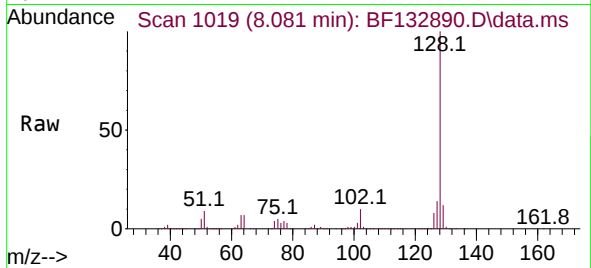
Tgt Ion:180 Resp: 1034621
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.6 114.8
 145 30.0 25.4 38.0





#31
Naphthalene
Concen: 53.925 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

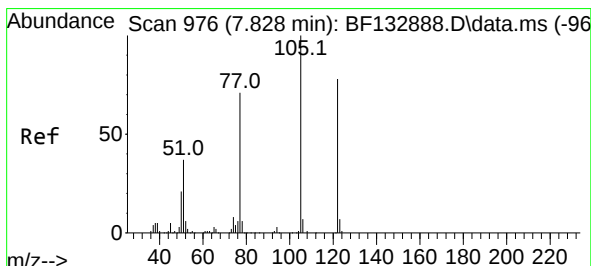
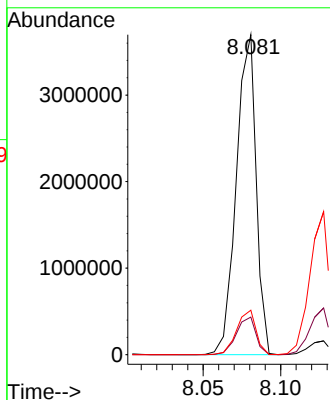
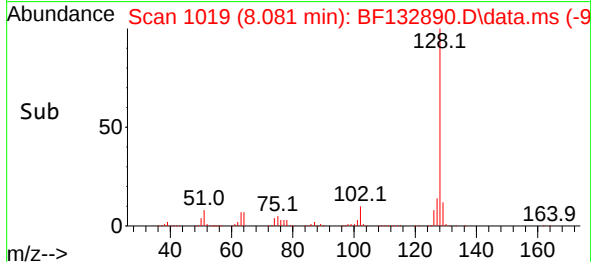
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 328436
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.9 11.0 16.6

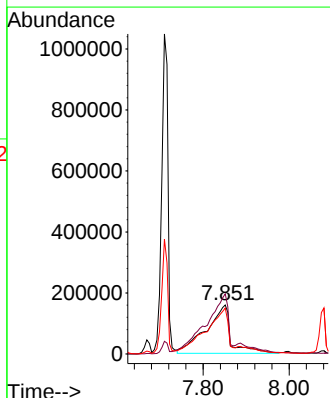
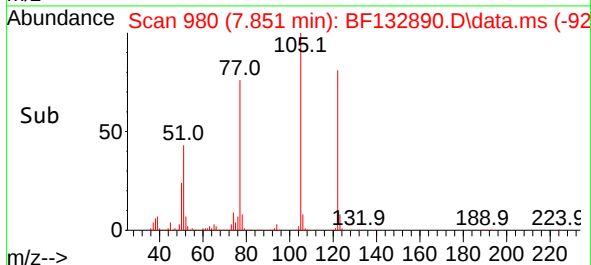
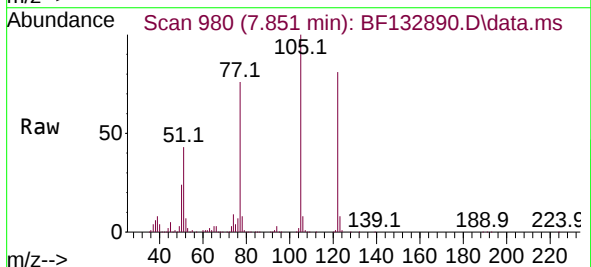
Manual Integrations
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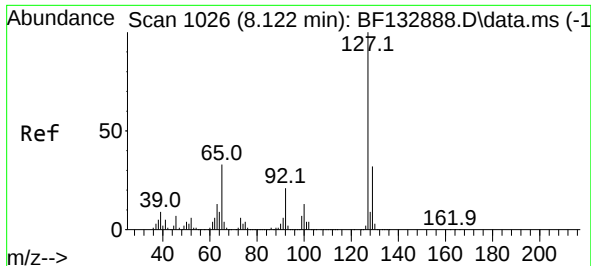
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#32
Benzoic acid
Concen: 70.325 ng m
RT: 7.851 min Scan# 980
Delta R.T. 0.023 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:122 Resp: 639843
Ion Ratio Lower Upper
122 100
105 123.1 104.5 144.5
77 93.9 71.2 111.2





#33

4-Chloroaniline

Concen: 56.278 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 140389

Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 31.9 26.7 40.1

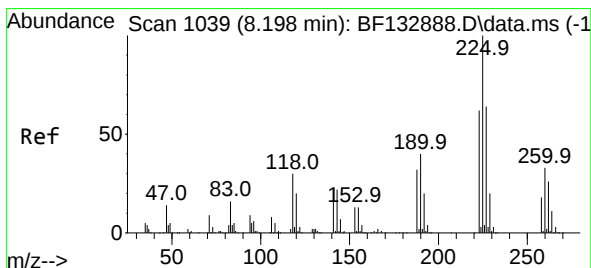
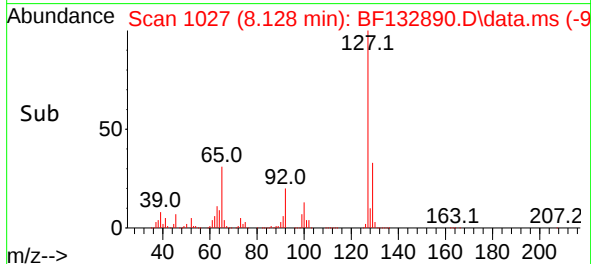
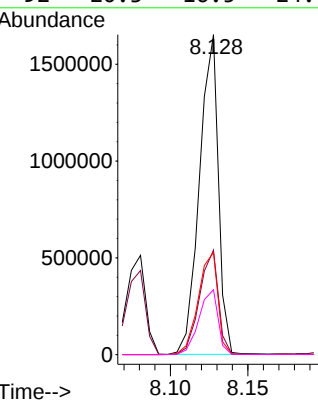
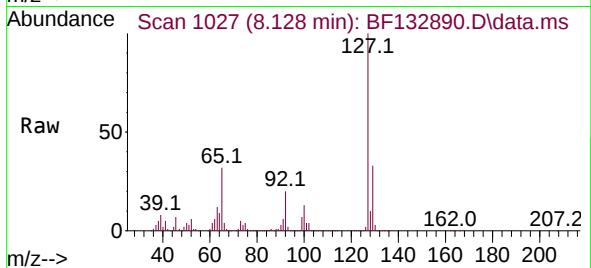
92 20.3 16.5 24.7

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#34

Hexachlorobutadiene

Concen: 56.329 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

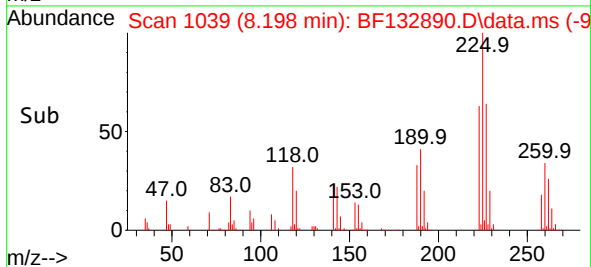
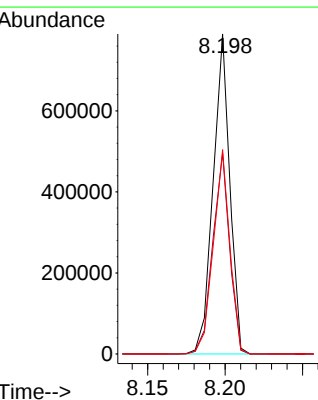
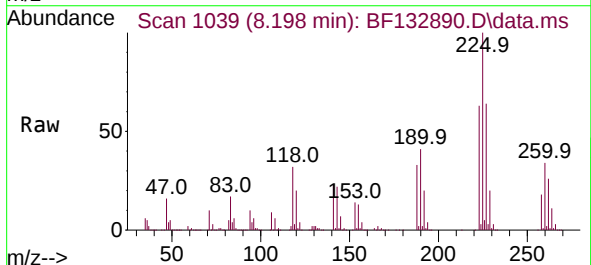
Tgt Ion:225 Resp: 590659

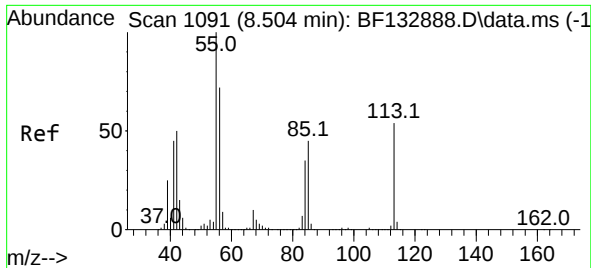
Ion Ratio Lower Upper

225 100

223 62.8 49.6 74.4

227 63.9 51.6 77.4





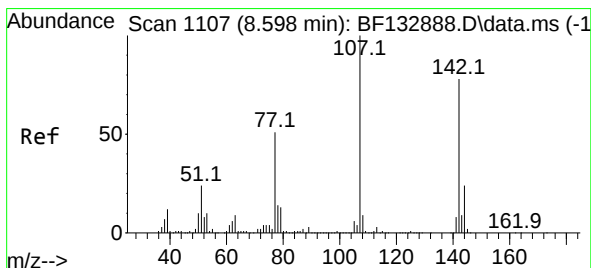
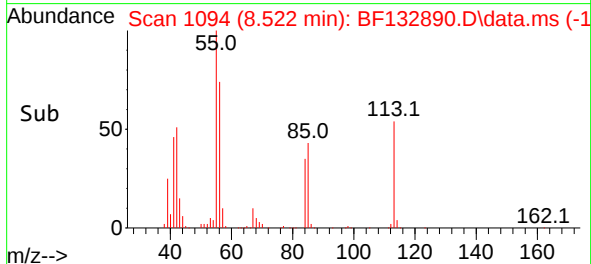
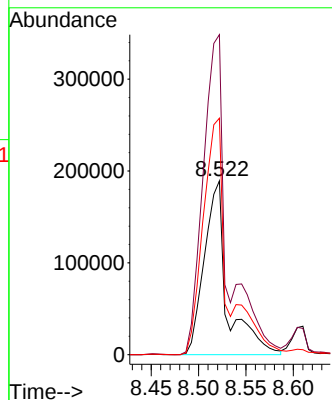
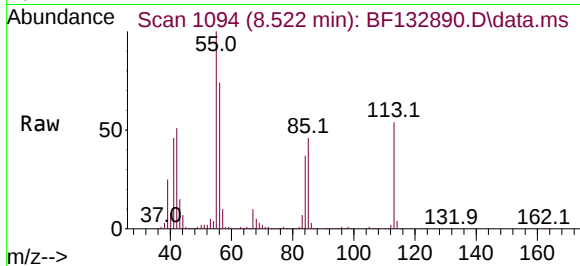
#35
Caprolactam
Concen: 63.413 ng m
RT: 8.522 min Scan# 1109
Delta R.T. 0.018 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 320574
Ion Ratio Lower Upper
113 100
55 184.1 166.0 206.0
56 136.1 114.5 154.5

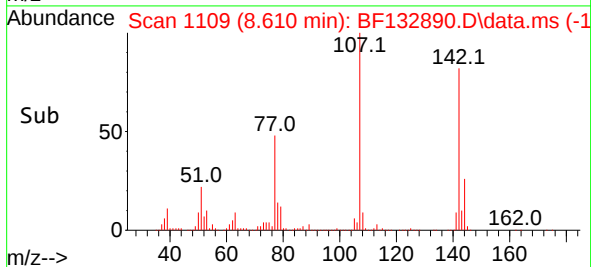
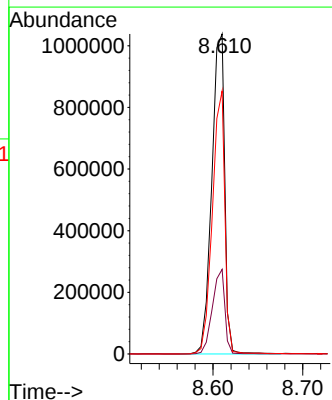
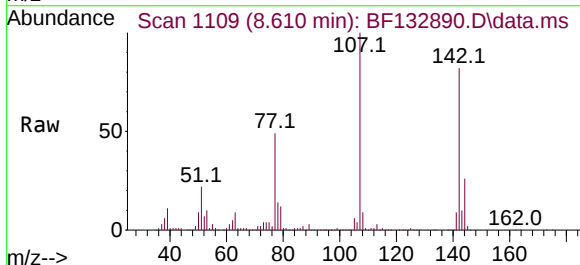
Manual Integrations
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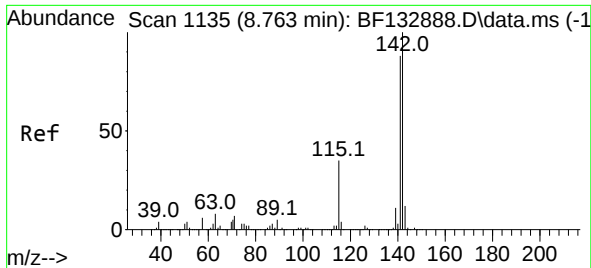
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#36
4-Chloro-3-methylphenol
Concen: 58.312 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:107 Resp: 1038984
Ion Ratio Lower Upper
107 100
144 26.5 19.4 29.0
142 82.2 62.2 93.2





#37

2-Methylnaphthalene

Concen: 53.160 ng

RT: 8.769 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 222854

Ion Ratio Lower Upper

142 100

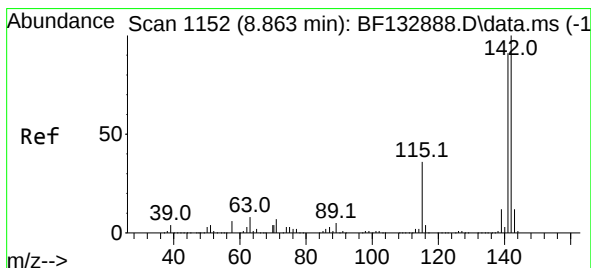
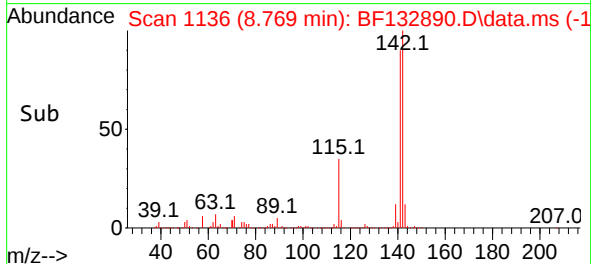
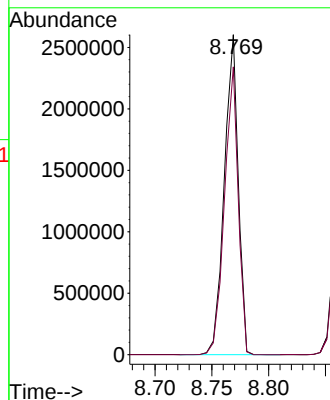
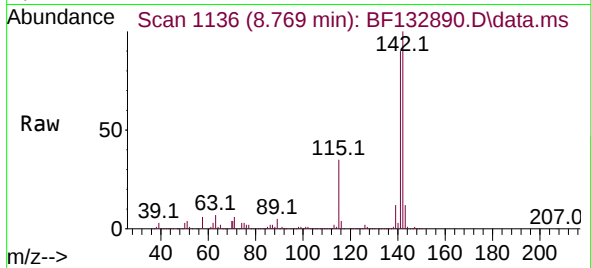
141 89.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#38

1-Methylnaphthalene

Concen: 53.222 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BF132890.D

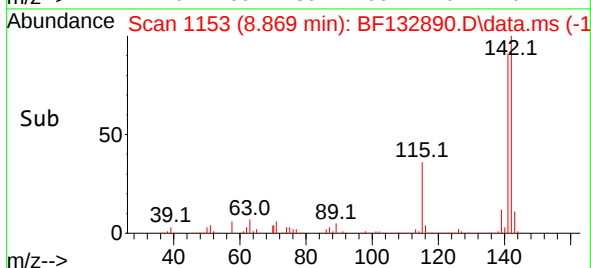
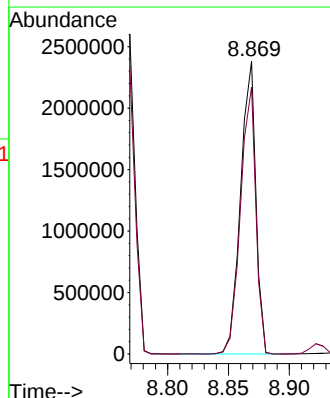
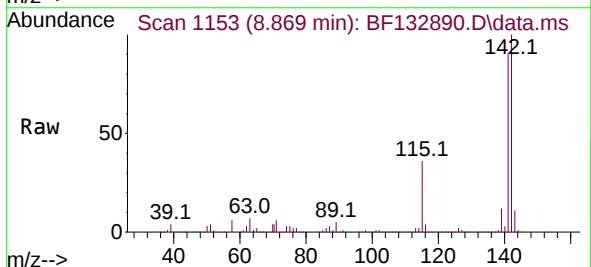
Acq: 17 Apr 2023 15:33

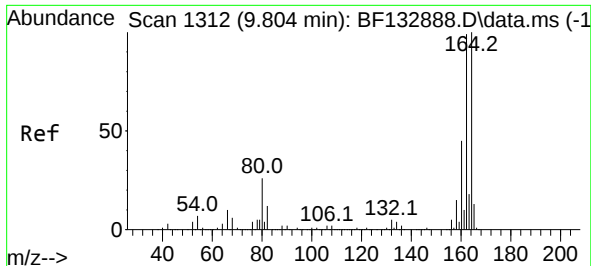
Tgt Ion:142 Resp: 2078911

Ion Ratio Lower Upper

142 100

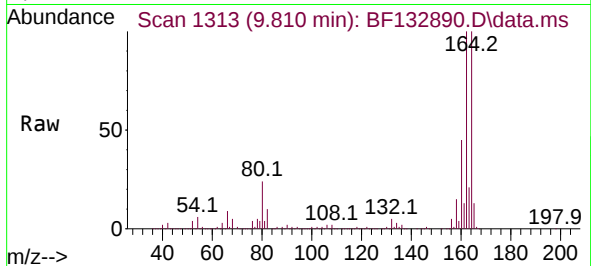
141 91.2 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

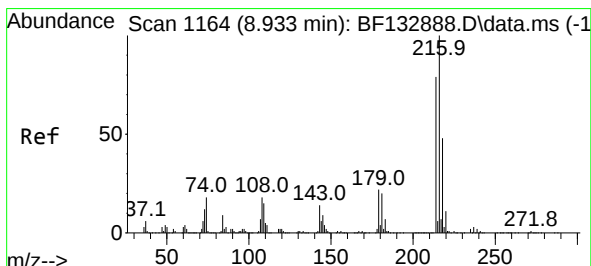
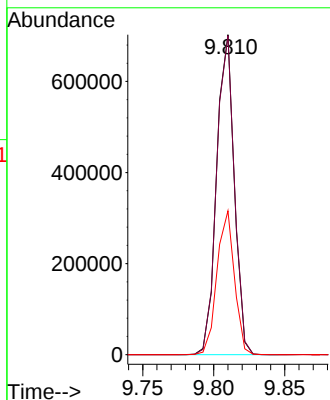
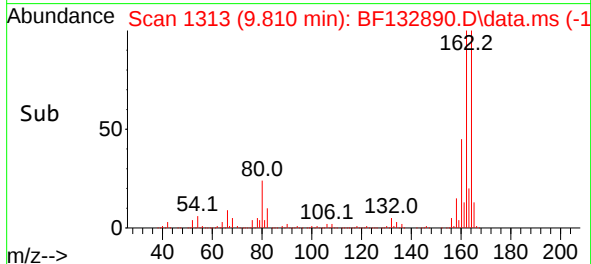
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



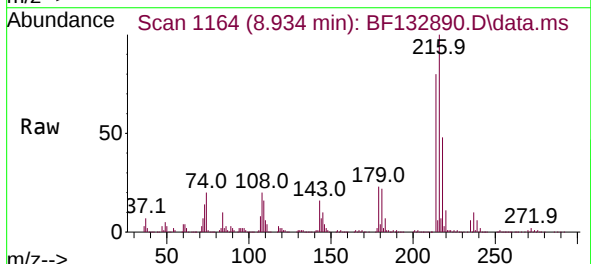
Tgt Ion:164 Resp: 605228
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 45.0 35.6 53.4

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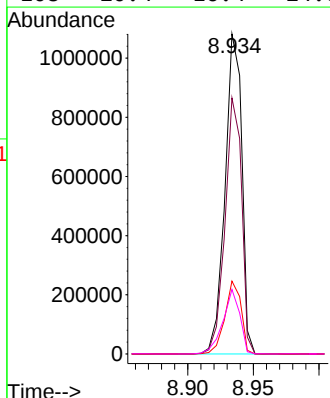
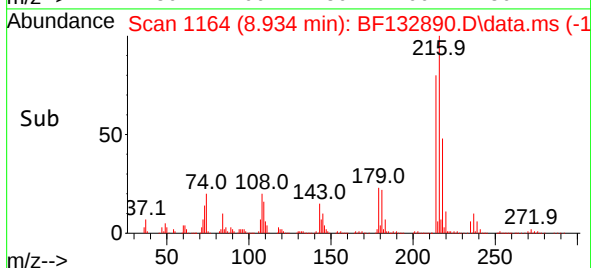
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

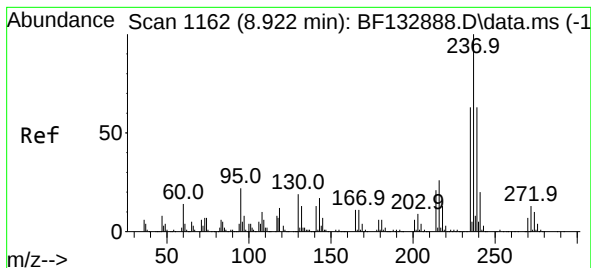


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.219 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion:216 Resp: 962401
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 22.0 17.4 26.2
108 20.4 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 63.830 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

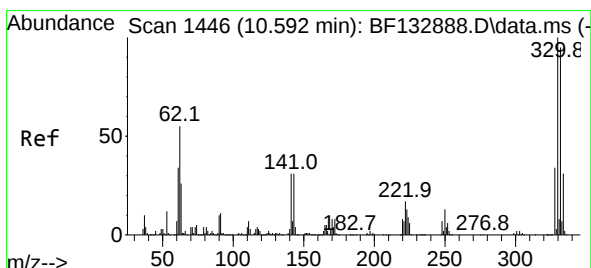
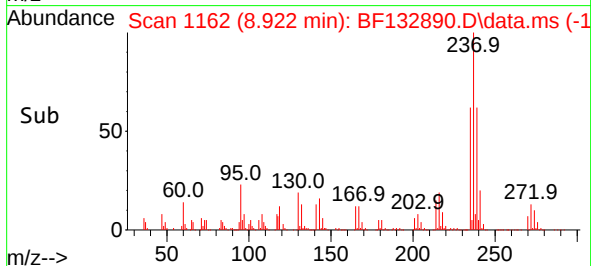
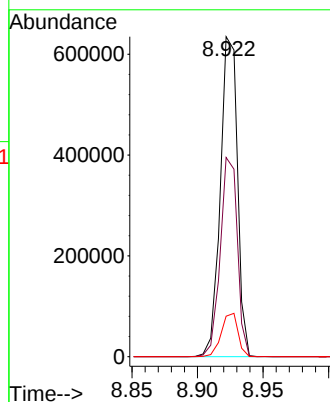
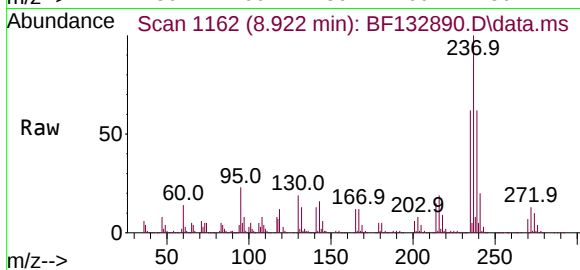
SSTDICC060

Tgt Ion: 237 Resp: 575932
 Ion Ratio Lower Upper
 237 100
 235 62.2 43.2 83.2
 272 12.7 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: 121.157 ng

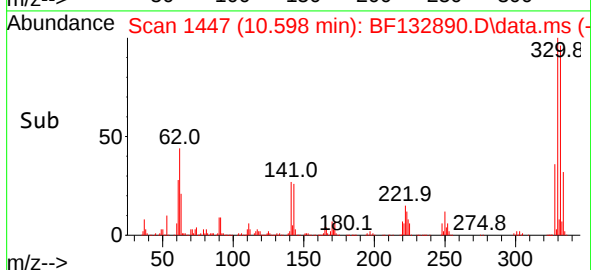
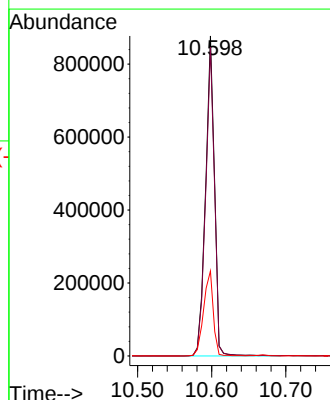
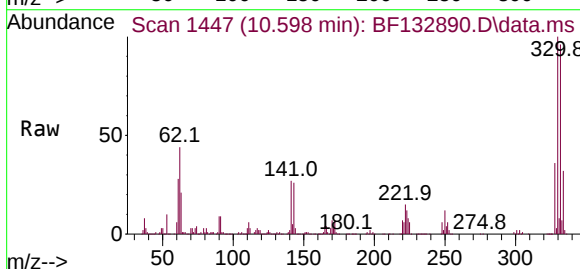
RT: 10.598 min Scan# 1447

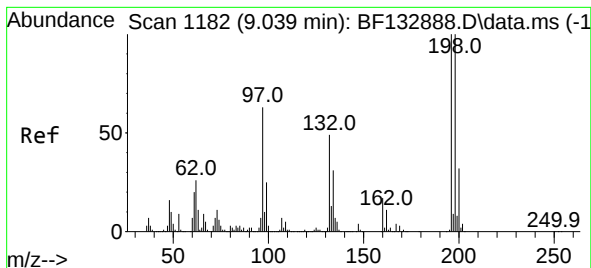
Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Tgt Ion: 330 Resp: 735478
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.3 114.5
 141 28.7 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 59.230 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 64274

Ion Ratio Lower Upper

196 100

198 100.7 79.8 119.6

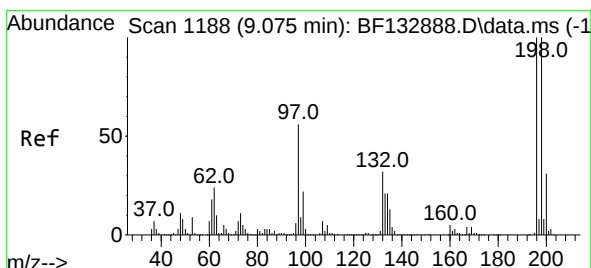
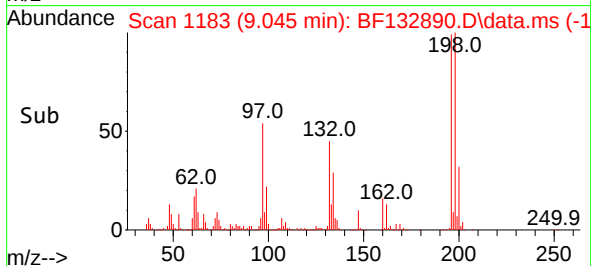
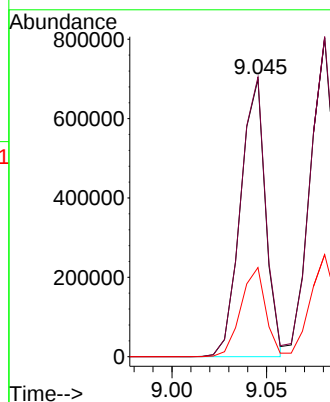
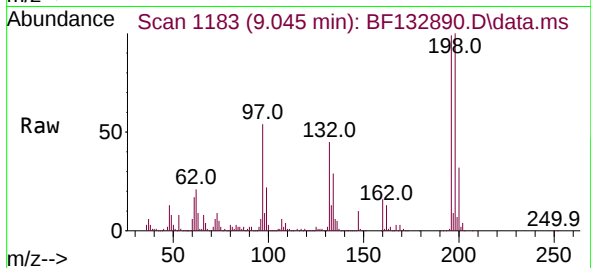
200 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#44

2,4,5-Trichlorophenol

Concen: 59.102 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Tgt Ion:196 Resp: 749954

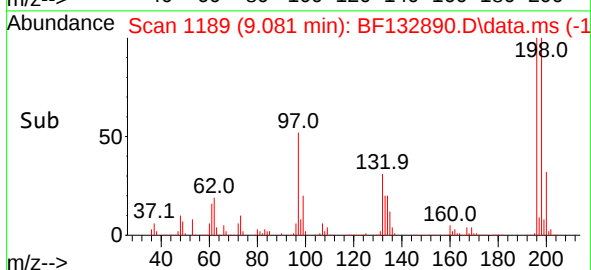
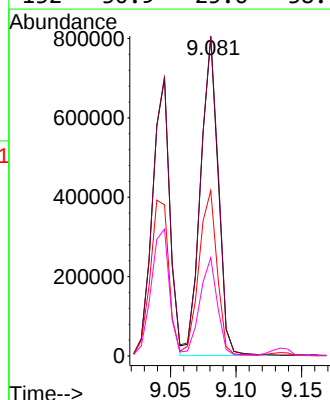
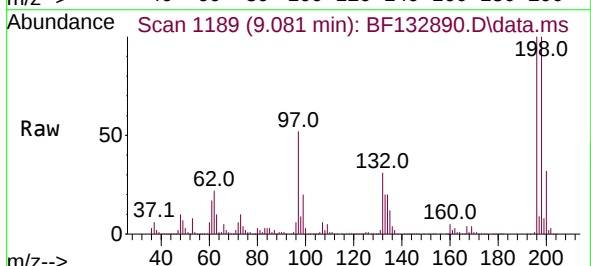
Ion Ratio Lower Upper

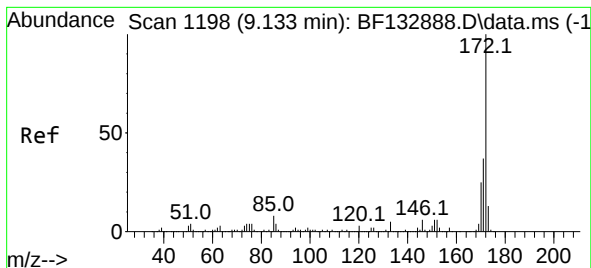
196 100

198 100.4 80.2 120.2

97 51.9 45.0 67.6

132 30.9 25.6 38.4





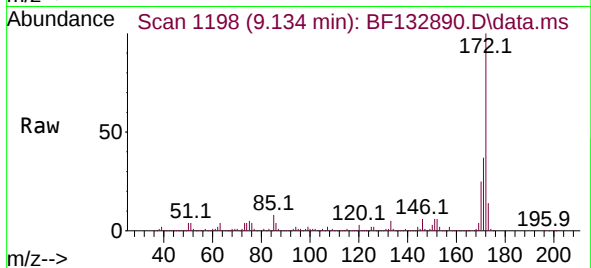
#45
2-Fluorobiphenyl
Concen: 101.350 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

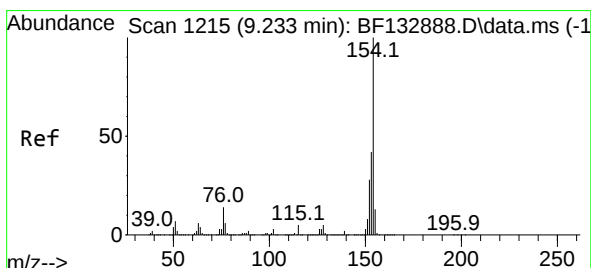
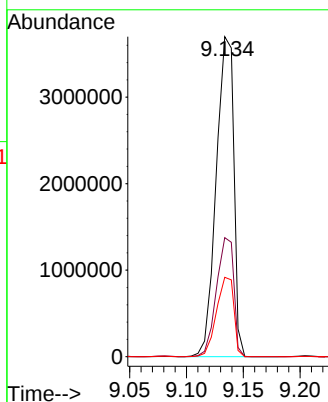
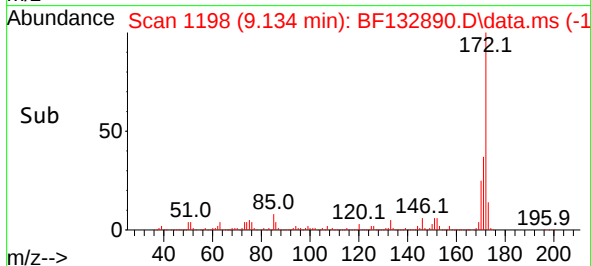


Tgt Ion:172 Resp: 3992880
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.8 20.1 30.1

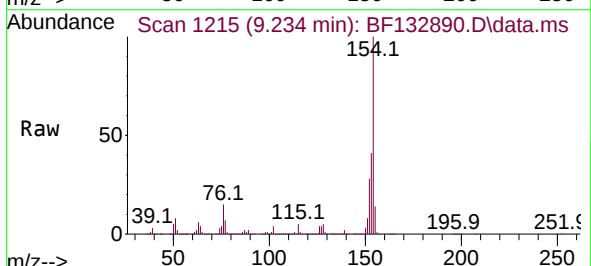
Manual Integrations

APPROVED

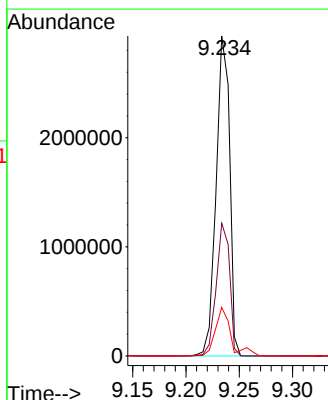
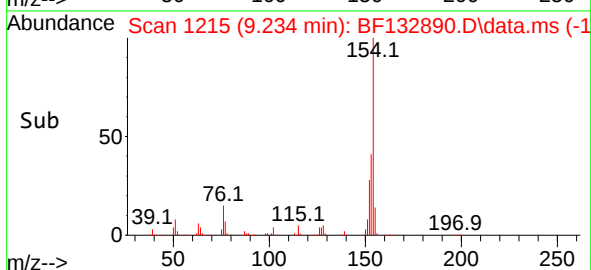
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

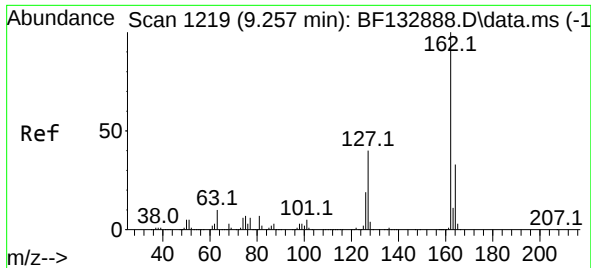


#46
1,1'-Biphenyl
Concen: 53.700 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion:154 Resp: 2576455
Ion Ratio Lower Upper
154 100
153 41.5 21.8 61.8
76 15.2 0.0 34.0





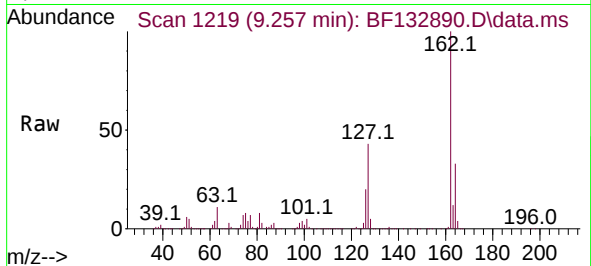
#47
2-Chloronaphthalene
Concen: 54.969 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

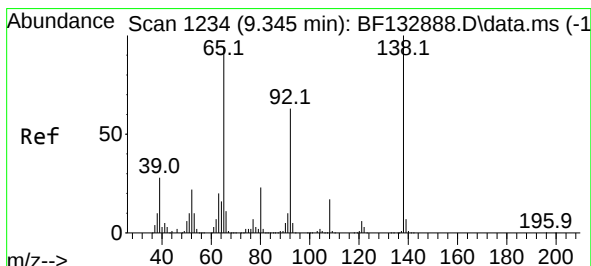
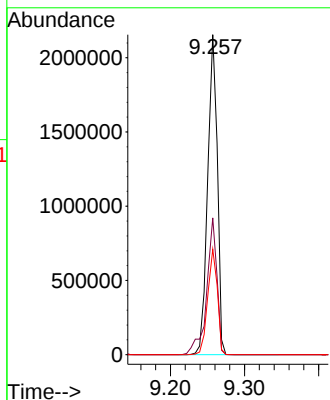
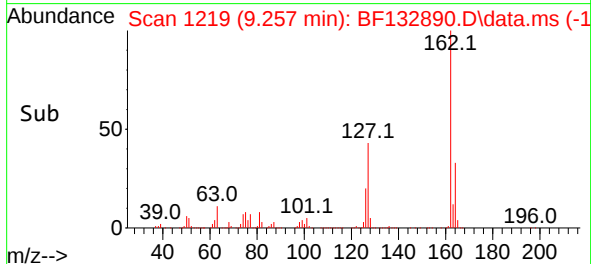


Tgt Ion:162 Resp: 1951689
Ion Ratio Lower Upper
162 100
127 42.7 32.2 48.2
164 32.9 26.5 39.7

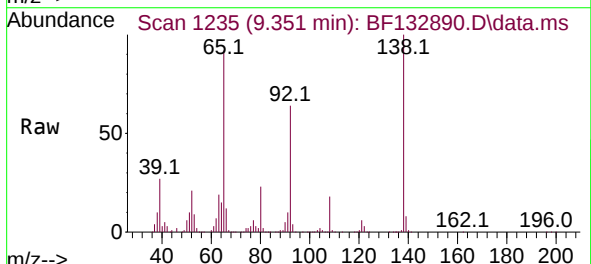
Manual Integrations

APPROVED

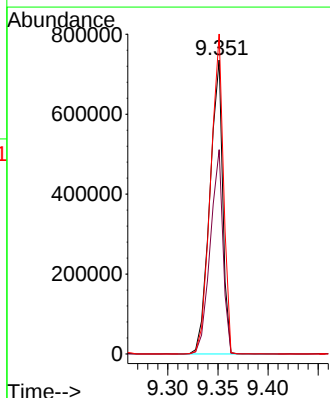
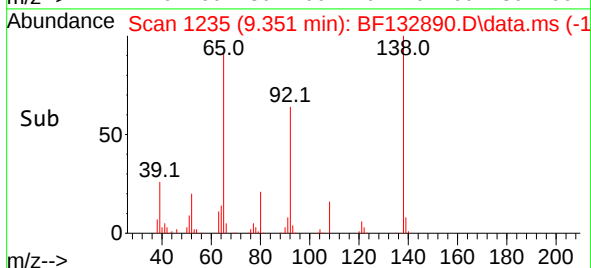
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

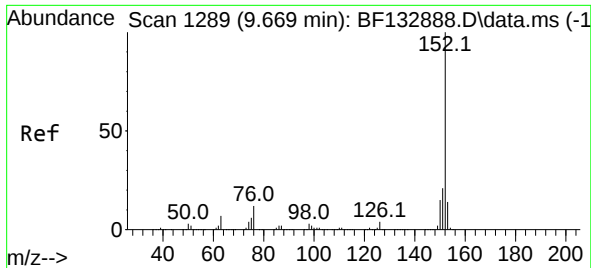


#48
2-Nitroaniline
Concen: 64.139 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion: 65 Resp: 658791
Ion Ratio Lower Upper
65 100
92 69.5 53.5 80.3
138 108.9 84.8 127.2





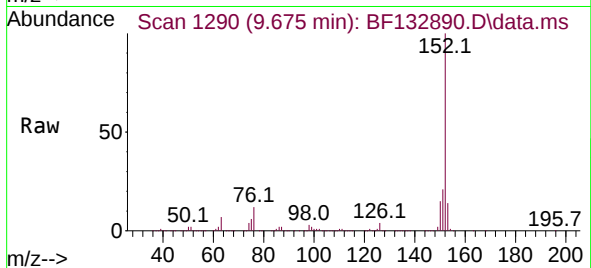
#49
Acenaphthylene
Concen: 54.282 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

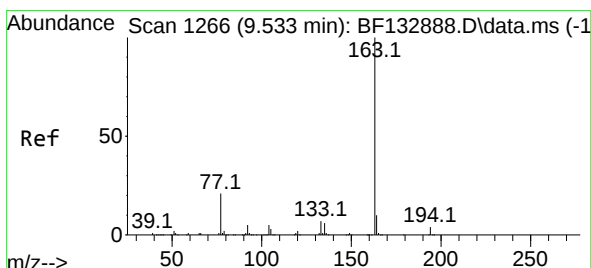
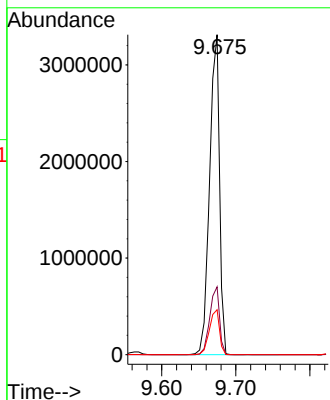
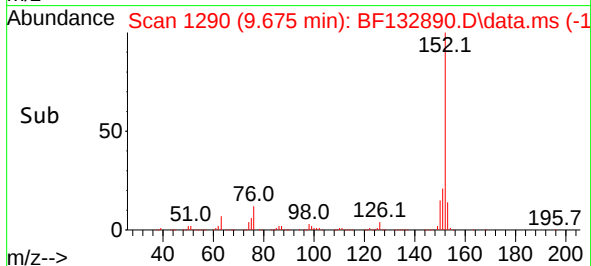


Tgt Ion:152 Resp: 3073972
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 14.0 11.4 17.0

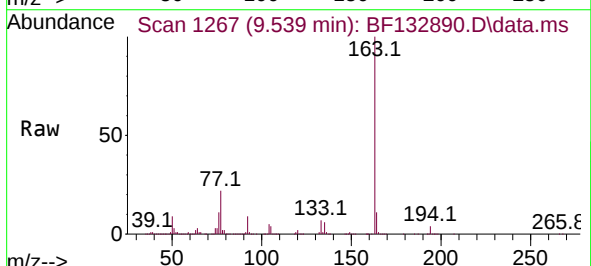
Manual Integrations

APPROVED

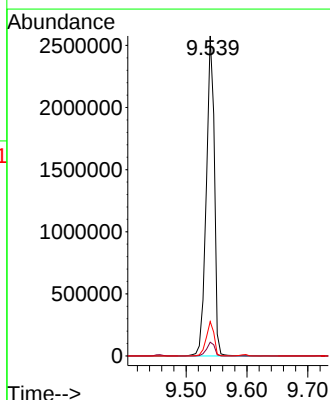
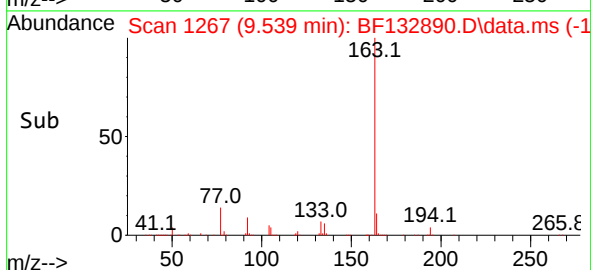
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

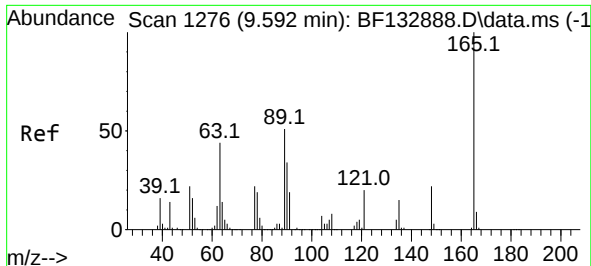


#50
Dimethylphthalate
Concen: 56.596 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion:163 Resp: 2368180
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.8 8.3 12.5





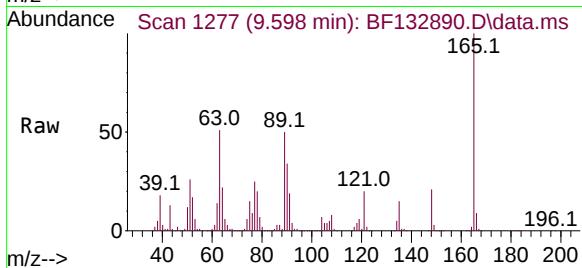
#51
2,6-Dinitrotoluene
Concen: 60.802 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

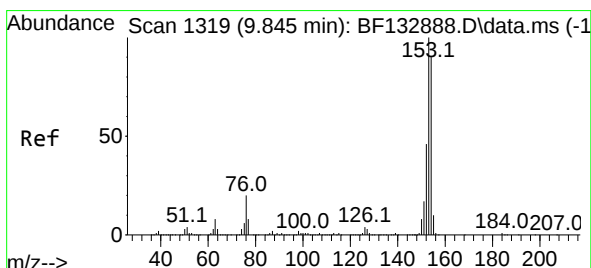
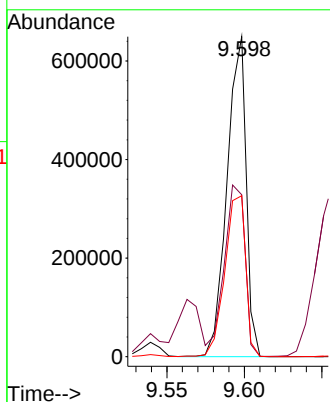
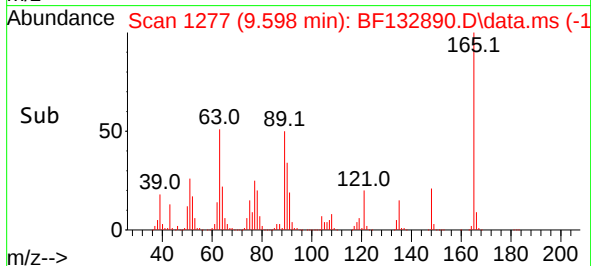


Tgt Ion:165 Resp: 55780
Ion Ratio Lower Upper
165 100
63 50.6 42.6 63.8
89 50.3 41.0 61.4

Manual Integrations

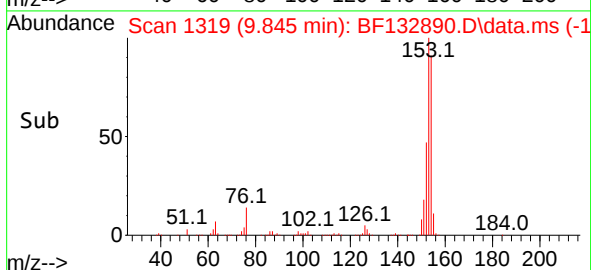
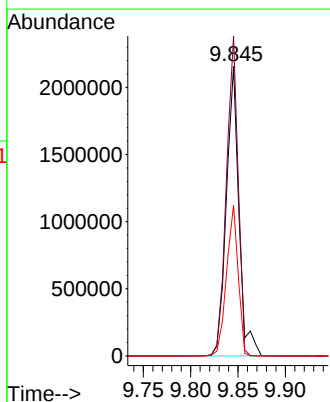
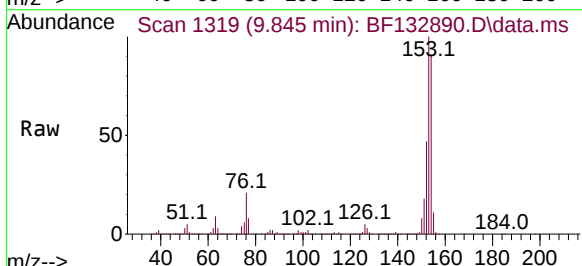
APPROVED

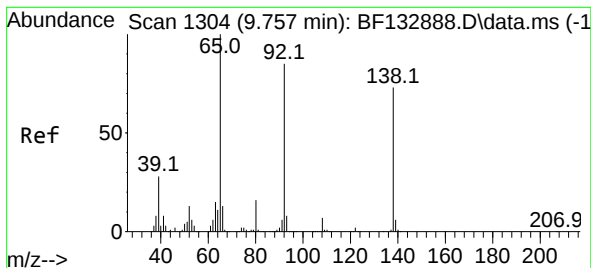
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#52
Acenaphthene
Concen: 54.788 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

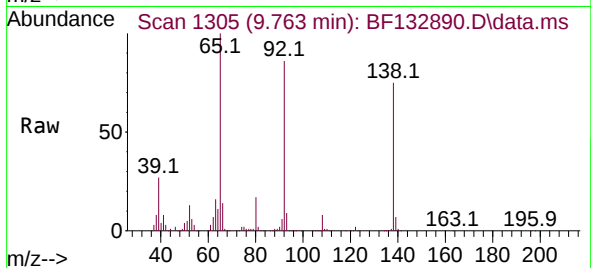
Tgt Ion:154 Resp: 1999301
Ion Ratio Lower Upper
154 100
153 110.4 88.8 133.2
152 52.0 41.2 61.8





#53
3-Nitroaniline
Concen: 61.430 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

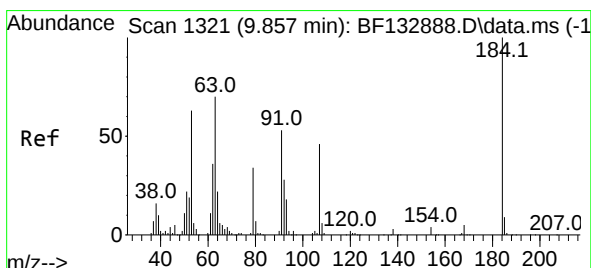
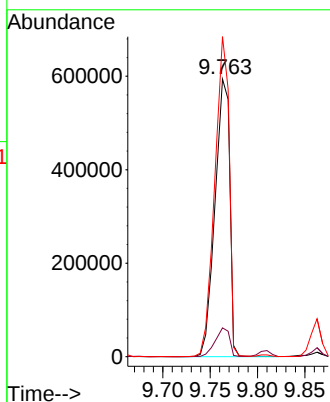
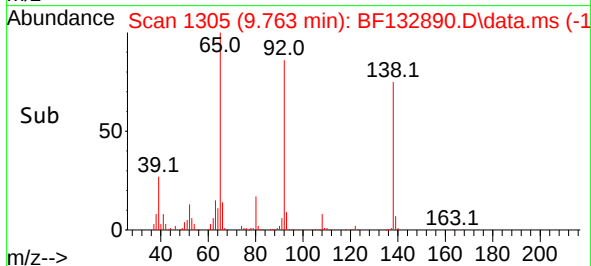
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 641308
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 115.2 93.8 140.8

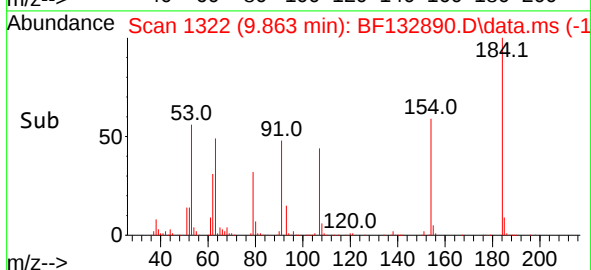
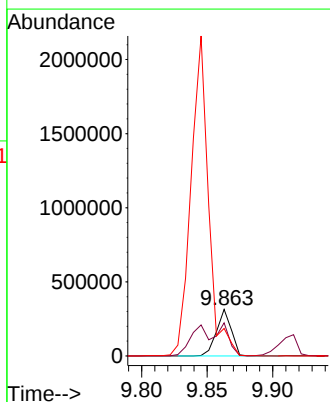
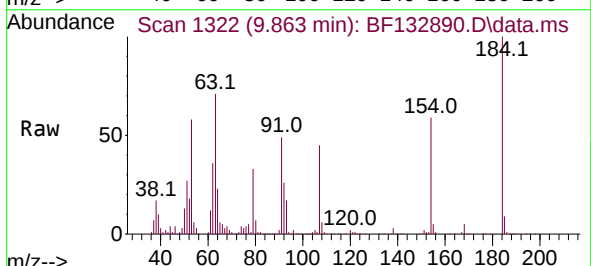
Manual Integrations
APPROVED

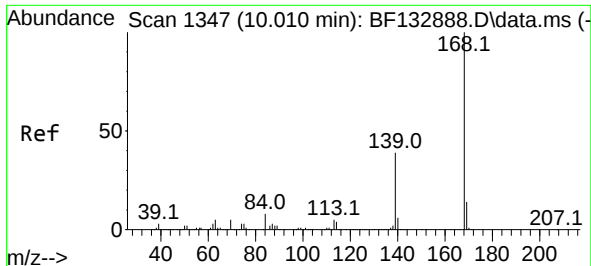
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#54
2,4-Dinitrophenol
Concen: 68.822 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:184 Resp: 245954
Ion Ratio Lower Upper
184 100
63 71.3 62.7 94.1
154 59.2 49.9 74.9





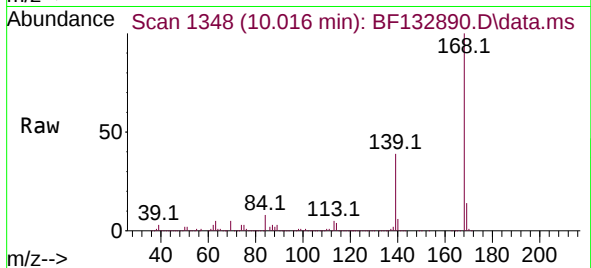
#55
Dibenzenofuran
Concen: 54.025 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

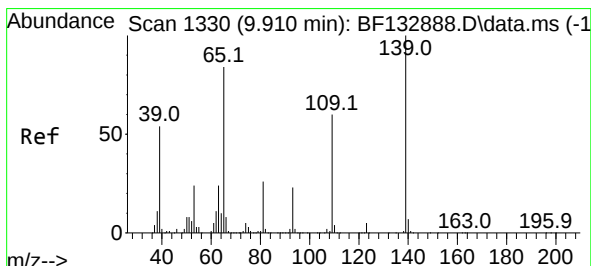
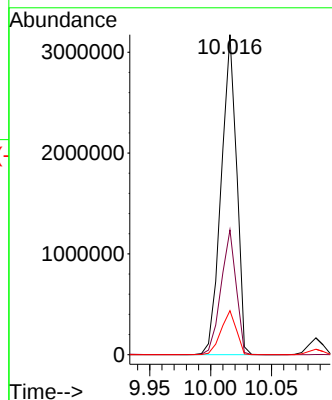
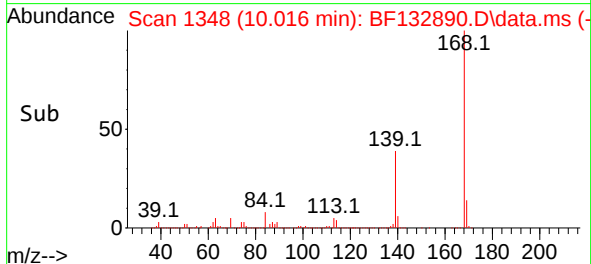


Tgt Ion:168 Resp: 2797109
Ion Ratio Lower Upper
168 100
139 39.0 31.4 47.0
169 13.7 11.2 16.8

Manual Integrations

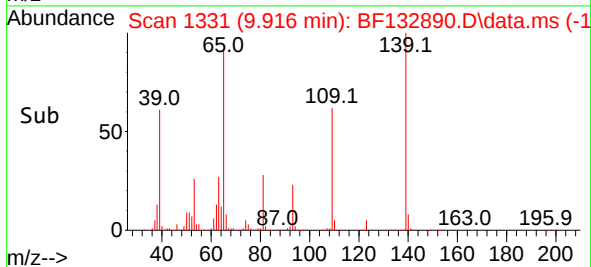
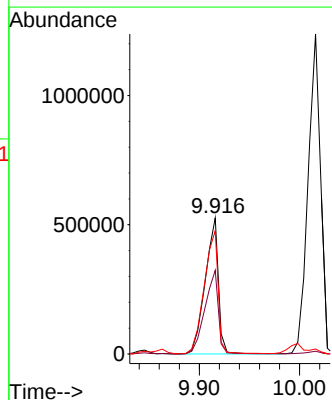
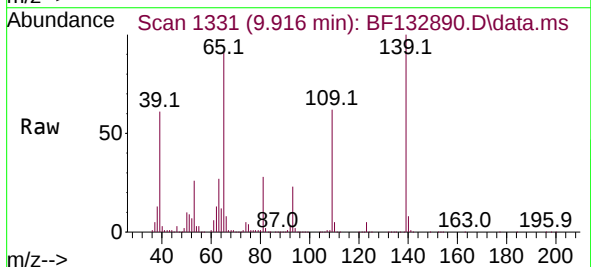
APPROVED

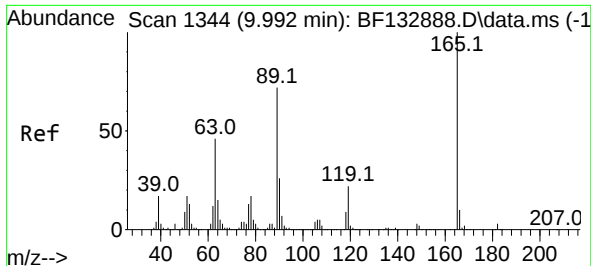
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#56
4-Nitrophenol
Concen: 62.503 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:139 Resp: 484707
Ion Ratio Lower Upper
139 100
109 61.5 40.4 80.4
65 90.6 64.2 104.2





#57

2,4-Dinitrotoluene

Concen: 61.642 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 69795

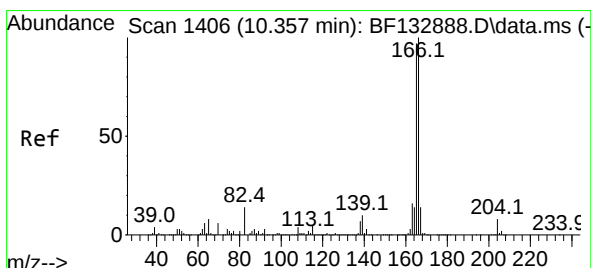
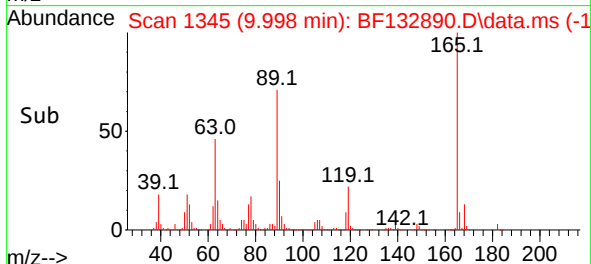
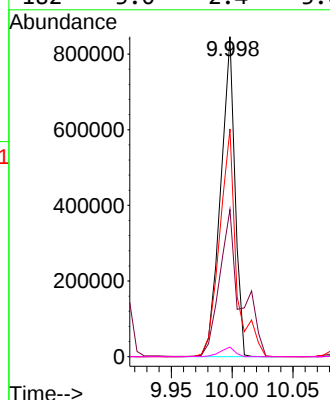
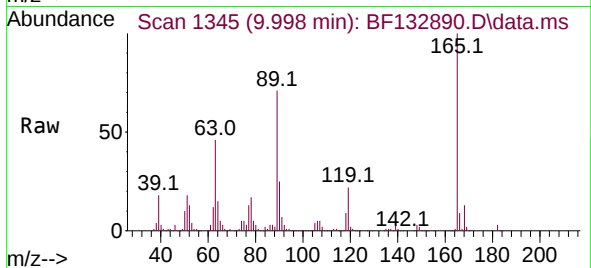
Ion	Ratio	Lower	Upper
165	100		
63	46.0	37.0	55.6
89	71.2	57.8	86.6
182	3.0	2.4	3.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#58

Fluorene

Concen: 52.232 ng

RT: 10.357 min Scan# 1406

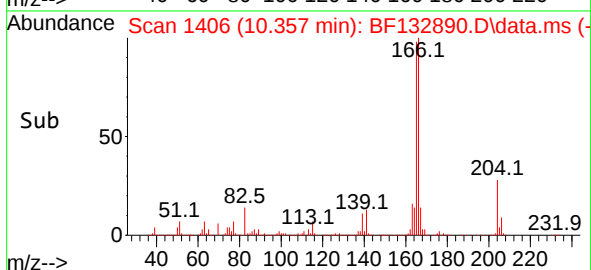
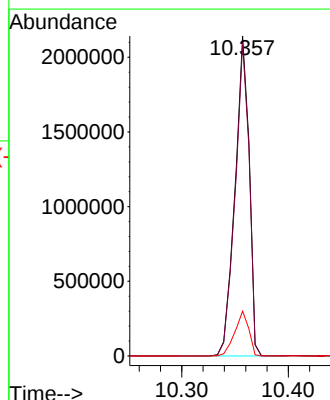
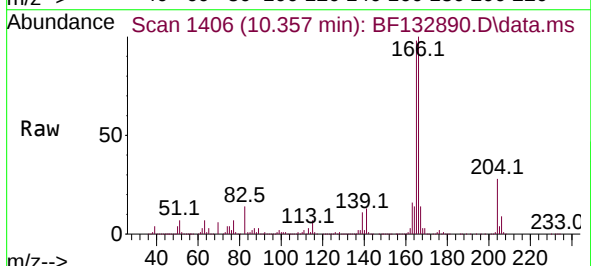
Delta R.T. 0.000 min

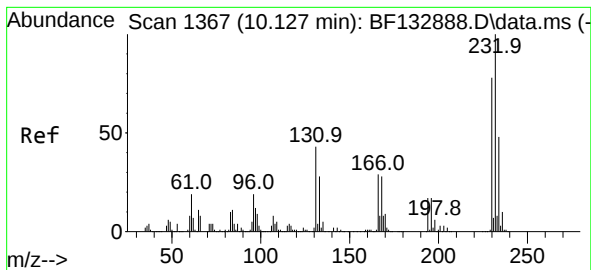
Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Tgt Ion:166 Resp: 1980961

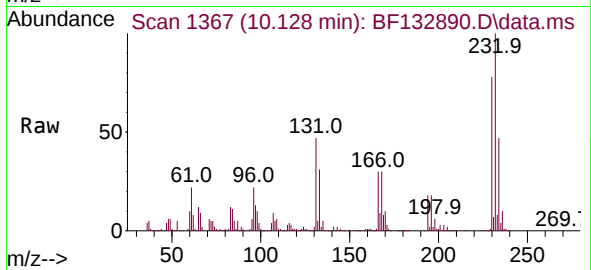
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.0	117.0
167	14.0	11.0	16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.978 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

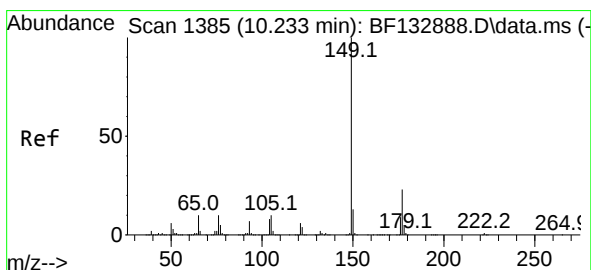
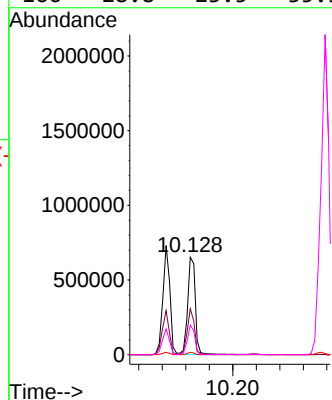
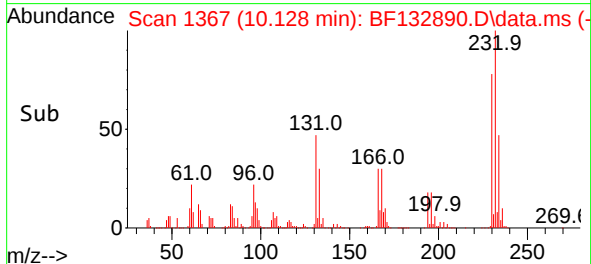
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



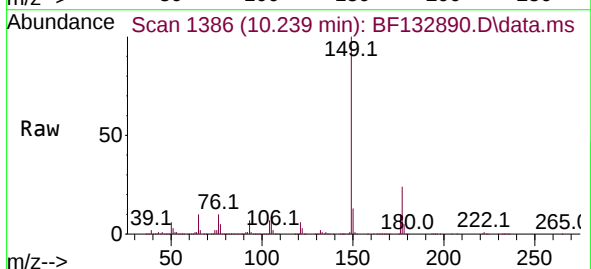
Tgt Ion:232 Resp: 590661
Ion Ratio Lower Upper
232 100
131 43.8 35.9 53.9
130 2.2 1.8 2.8
166 28.8 23.5 35.3

Manual Integrations
APPROVED

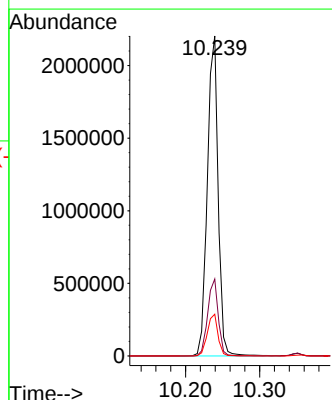
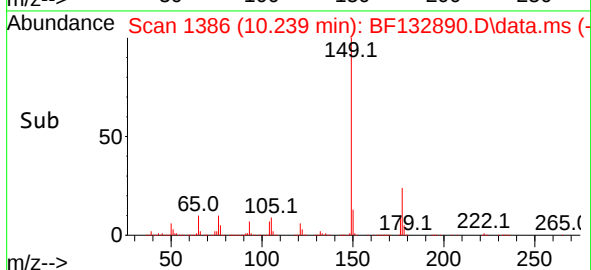
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

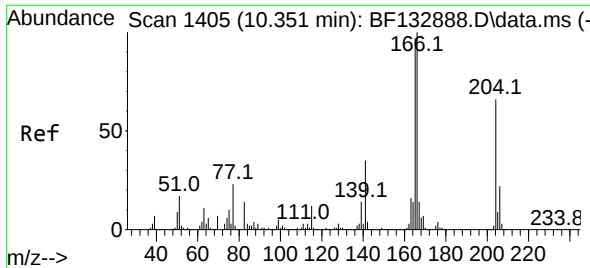


#60
Diethylphthalate
Concen: 57.042 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



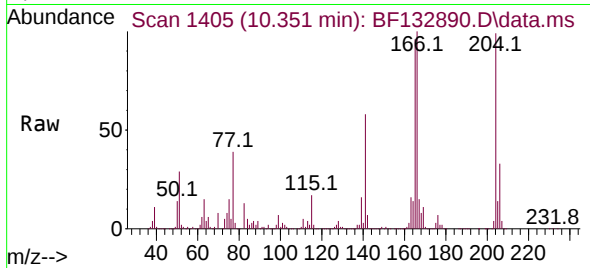
Tgt Ion:149 Resp: 2230349
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 13.1 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 53.656 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

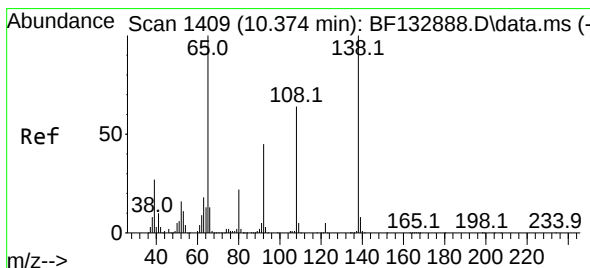
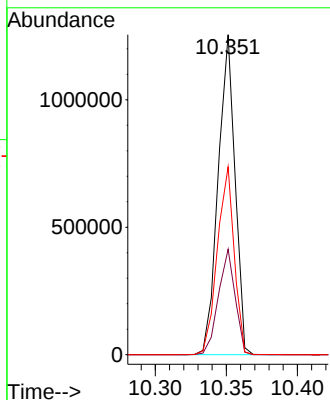
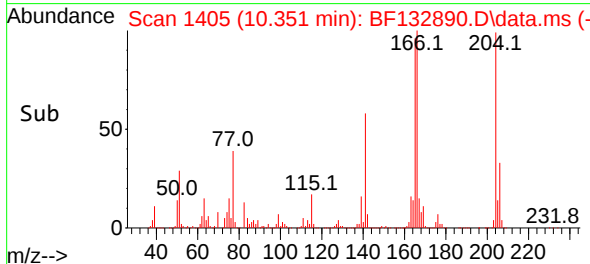
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



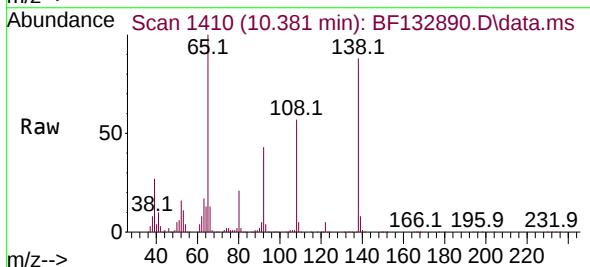
Tgt Ion:204 Resp: 1035059
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 58.7 43.1 64.7

Manual Integrations
APPROVED

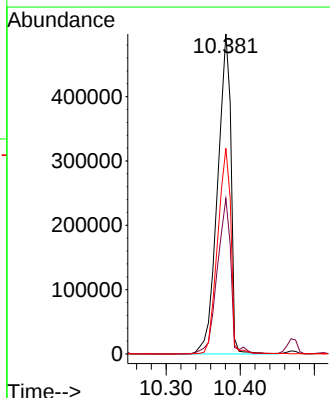
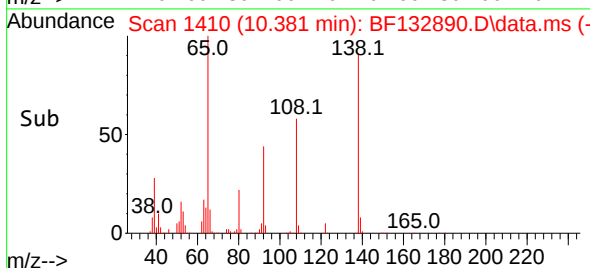
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

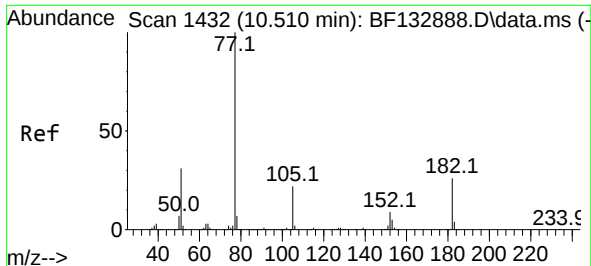


#62
4-Nitroaniline
Concen: 62.306 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



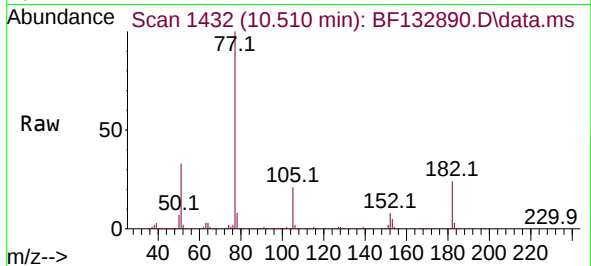
Tgt Ion:138 Resp: 625188
Ion Ratio Lower Upper
138 100
92 48.6 25.0 65.0
108 64.2 44.2 84.2





#63
Azobenzene
Concen: 55.182 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

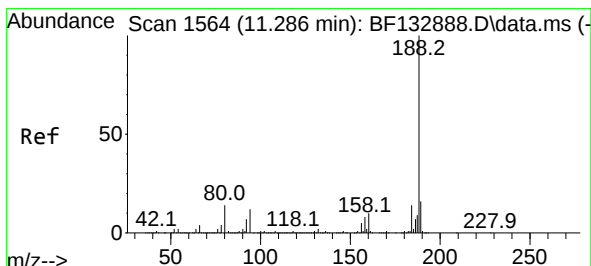
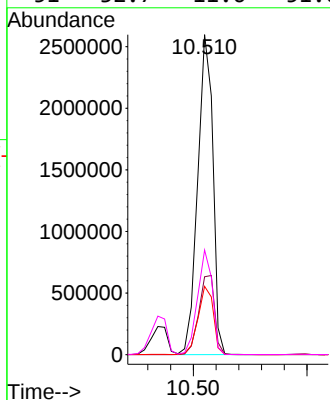
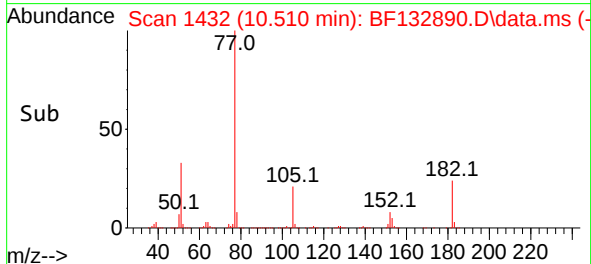
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 241014
Ion Ratio Lower Upper
77 100
182 24.3 6.0 46.0
105 21.3 1.6 41.6
51 32.7 11.6 51.6

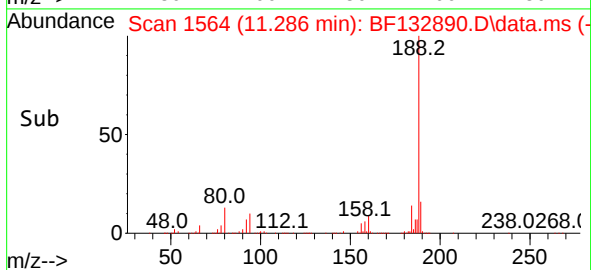
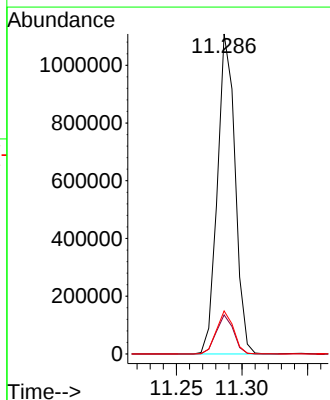
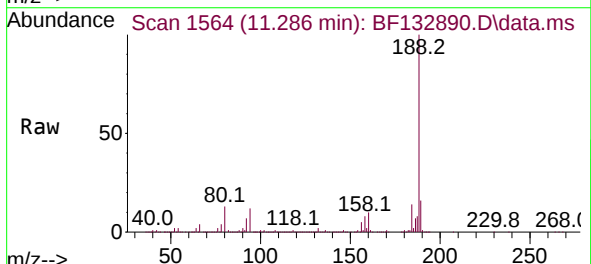
Manual Integrations
APPROVED

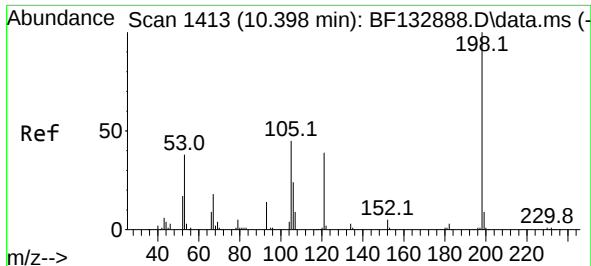
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

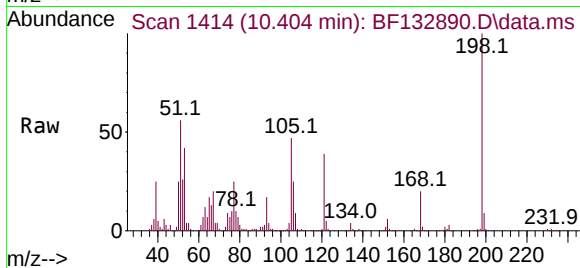
Tgt Ion:188 Resp: 1037762
Ion Ratio Lower Upper
188 100
94 12.2 9.9 14.9
80 13.5 10.8 16.2





#65
4,6-Dinitro-2-methylphenol
Concen: 67.338 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

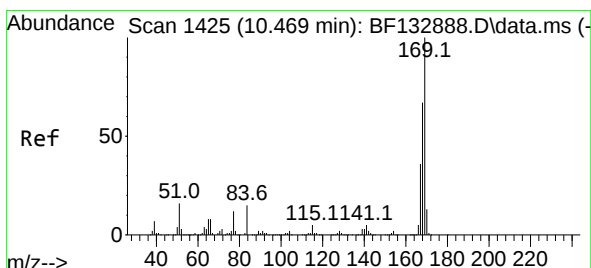
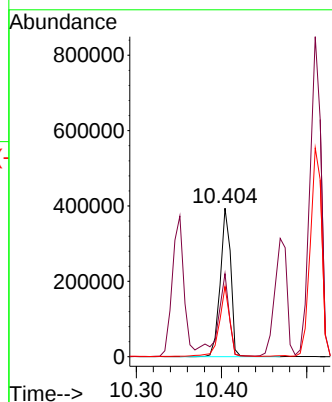
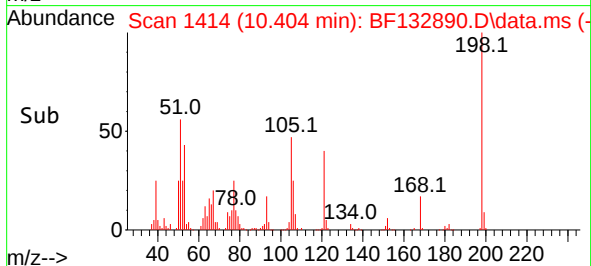
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 334669
Ion Ratio Lower Upper
198 100
51 55.9 34.6 74.6
105 47.3 25.6 65.6

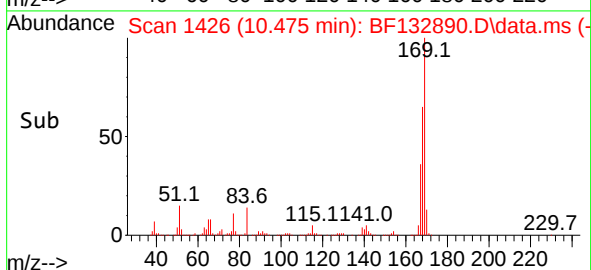
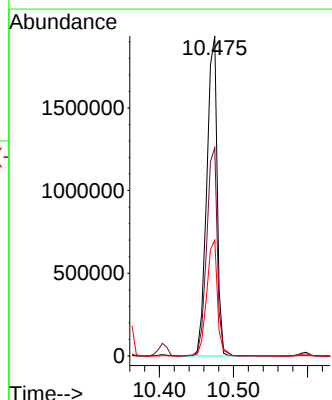
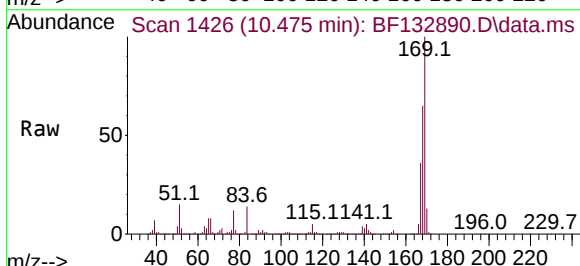
Manual Integrations
APPROVED

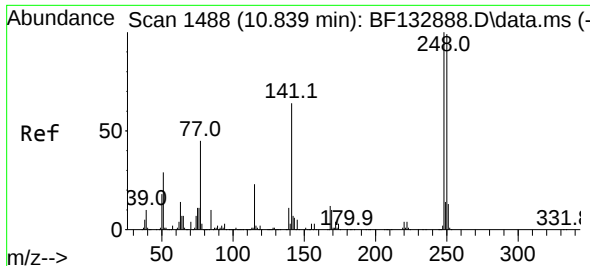
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#66
n-Nitrosodiphenylamine
Concen: 55.574 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:169 Resp: 1878300
Ion Ratio Lower Upper
169 100
168 65.0 53.4 80.0
167 36.2 29.0 43.6





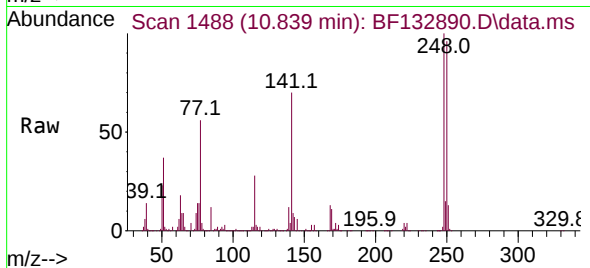
#67
4-Bromophenyl-phenylether
Concen: 57.528 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

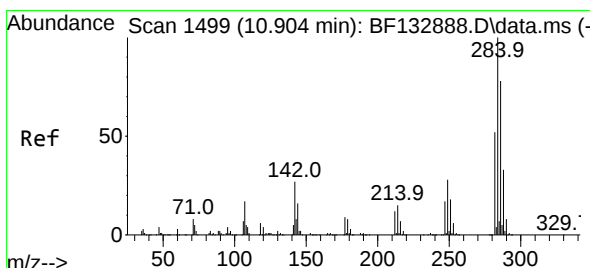
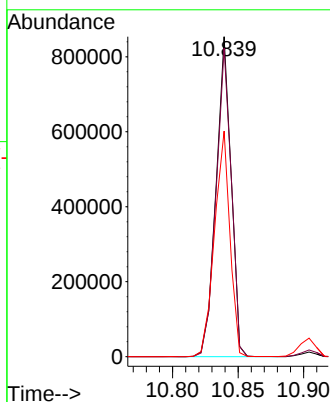
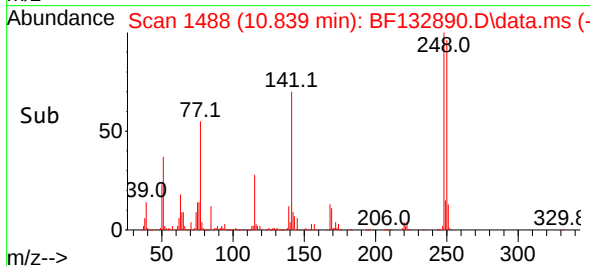


Tgt Ion:248 Resp: 681719
Ion Ratio Lower Upper
248 100
250 96.5 79.1 118.7
141 70.5 51.0 76.6

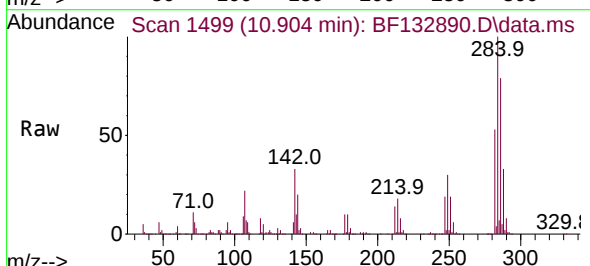
Manual Integrations

APPROVED

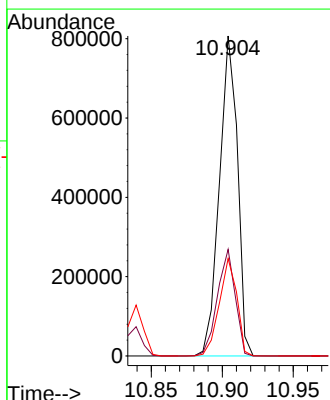
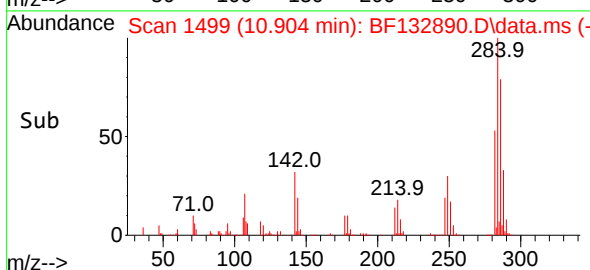
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

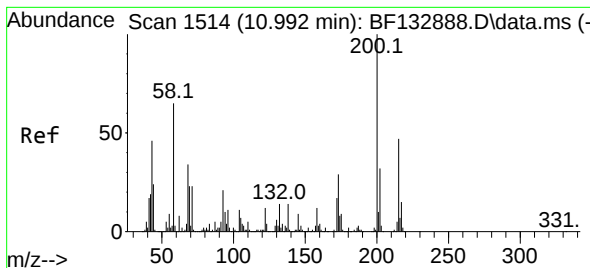


#68
Hexachlorobenzene
Concen: 57.858 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion:284 Resp: 711318
Ion Ratio Lower Upper
284 100
142 33.3 22.0 33.0#
249 30.4 22.6 34.0





#69

Atrazine

Concen: 59.034 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 55768

Ion Ratio Lower Upper

200 100

173 27.3 8.7 48.7

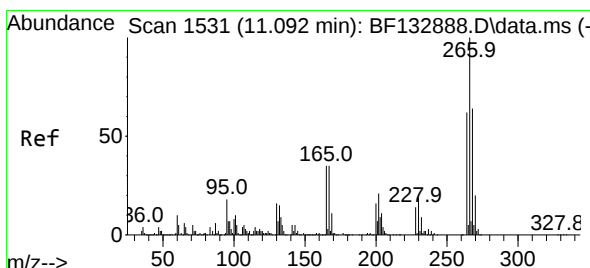
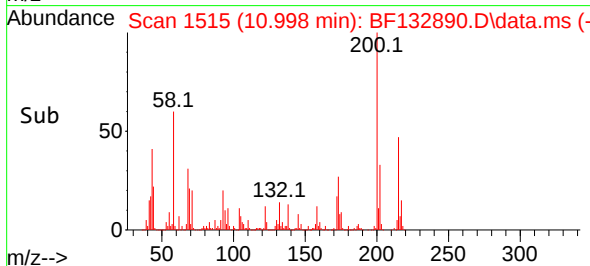
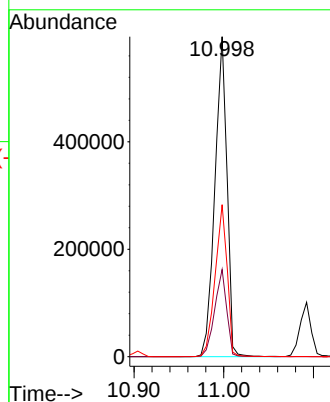
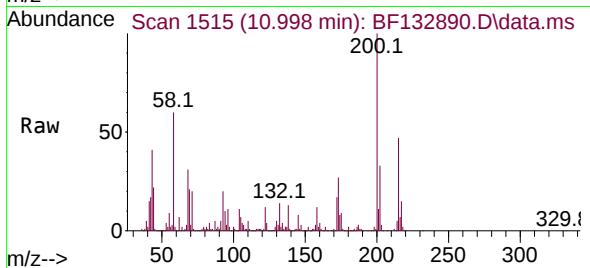
215 47.5 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#70

Pentachlorophenol

Concen: 65.014 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

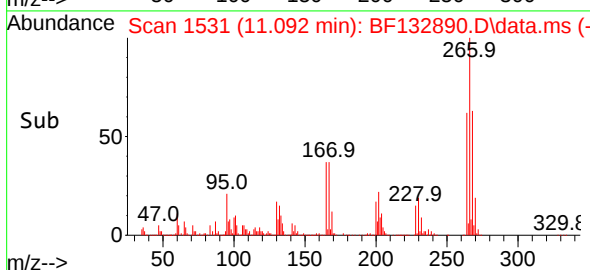
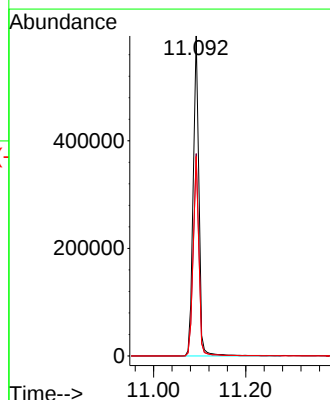
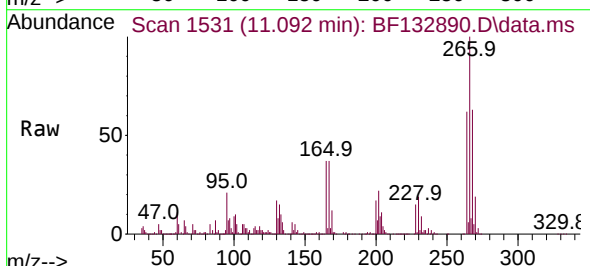
Tgt Ion:266 Resp: 515782

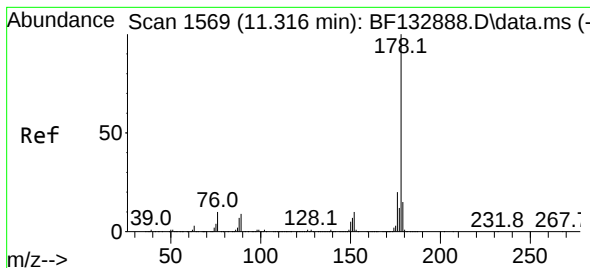
Ion Ratio Lower Upper

266 100

268 63.3 50.9 76.3

264 62.3 49.8 74.6





#71

Phenanthrene

Concen: 54.098 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:178 Resp: 3019769

Ion Ratio Lower Upper

178 100

176 20.6 15.9 23.9

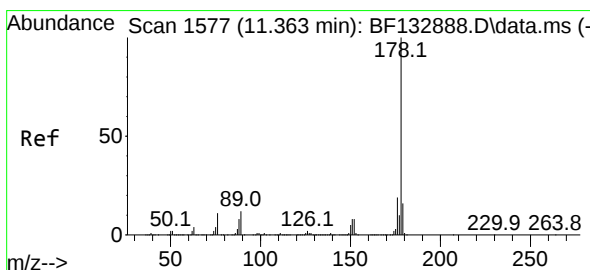
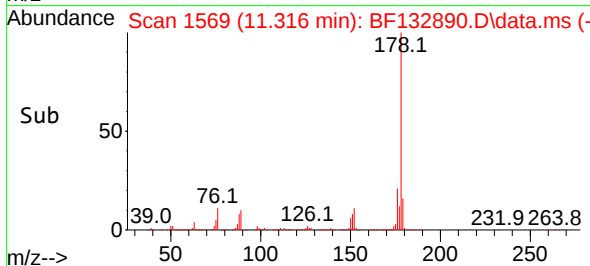
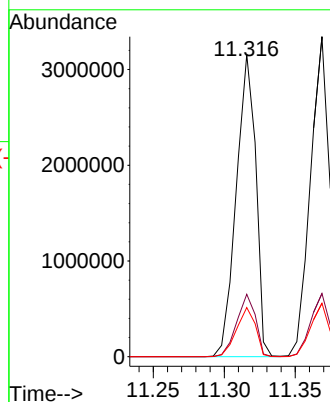
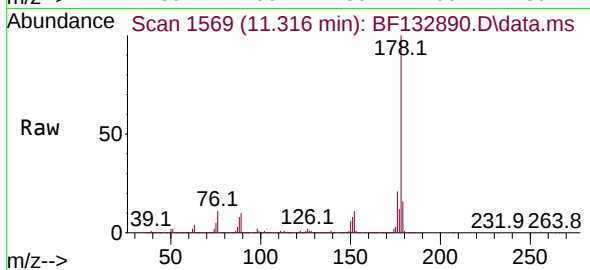
179 16.3 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#72

Anthracene

Concen: 54.230 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

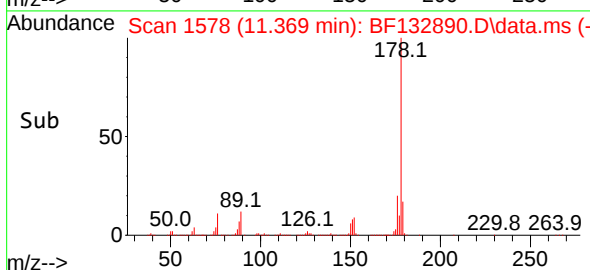
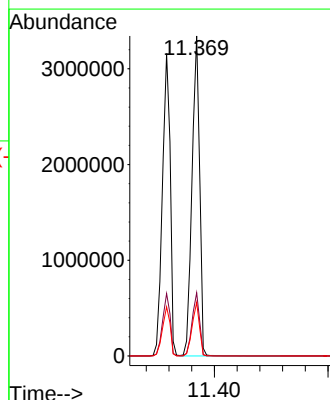
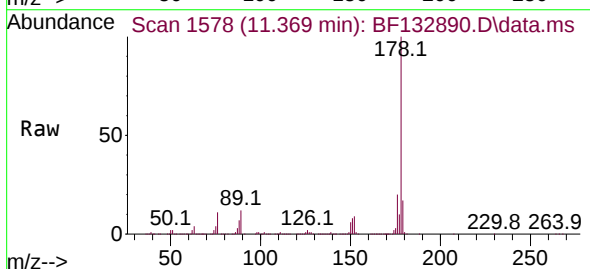
Tgt Ion:178 Resp: 3098803

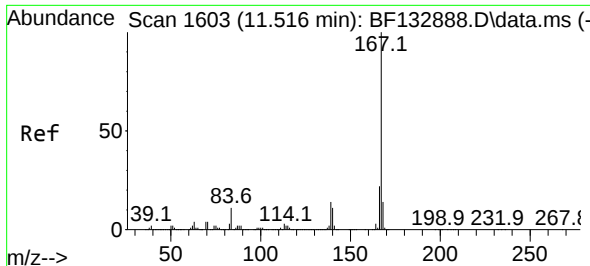
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

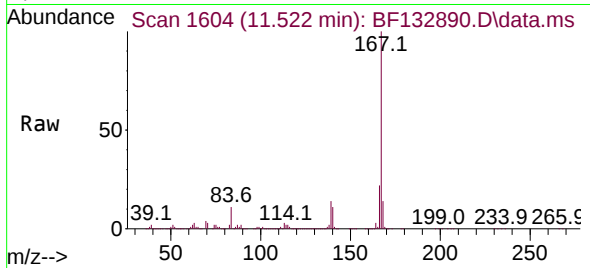
179 16.7 12.8 19.2





#73
Carbazole
Concen: 55.191 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

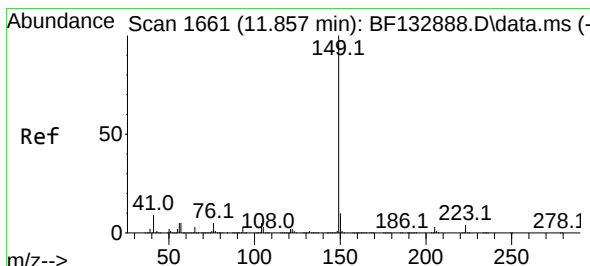
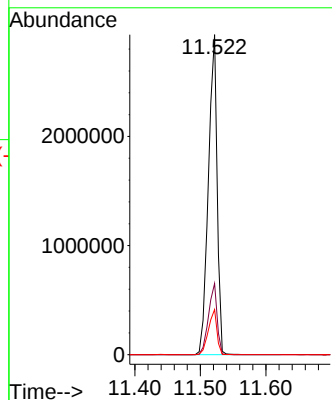
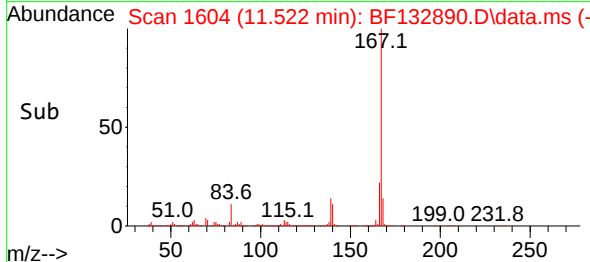
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



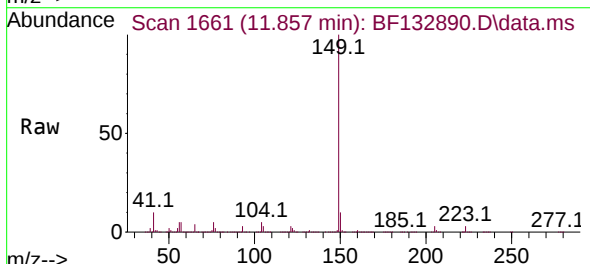
Tgt Ion:167 Resp: 2728792
Ion Ratio Lower Upper
167 100
166 22.2 17.4 26.2
139 14.1 11.0 16.4

Manual Integrations
APPROVED

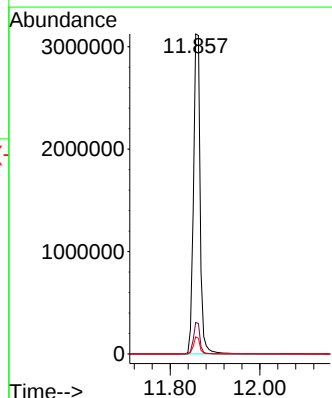
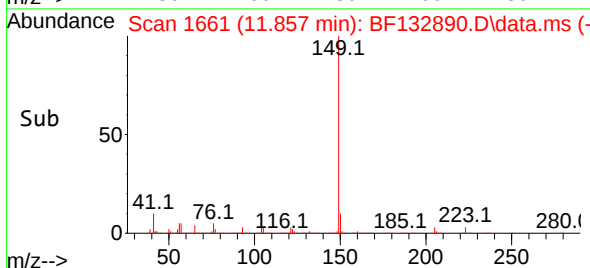
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

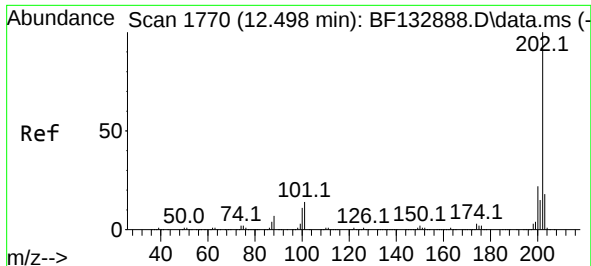


#74
Di-n-butylphthalate
Concen: 60.773 ng
RT: 11.857 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



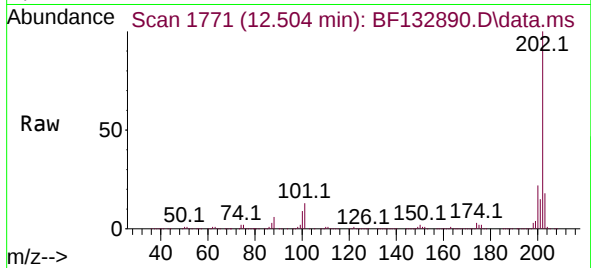
Tgt Ion:149 Resp: 3221157
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.4 4.2 6.2





#75
Fluoranthene
Concen: 55.653 ng
RT: 12.504 min Scan# 1771
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

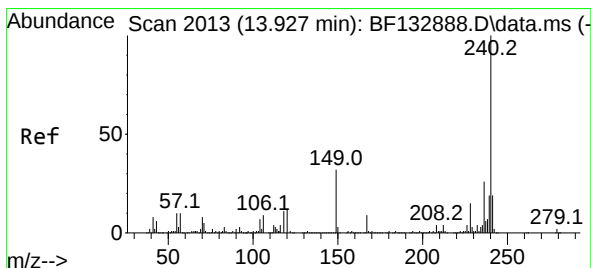
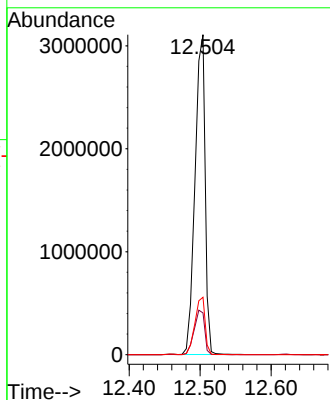
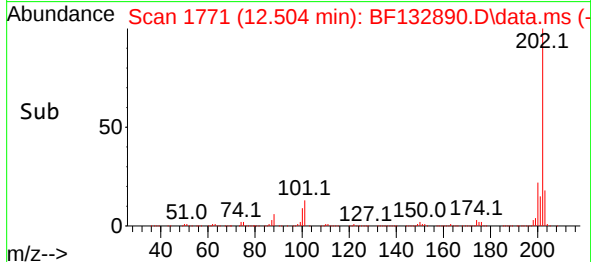
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



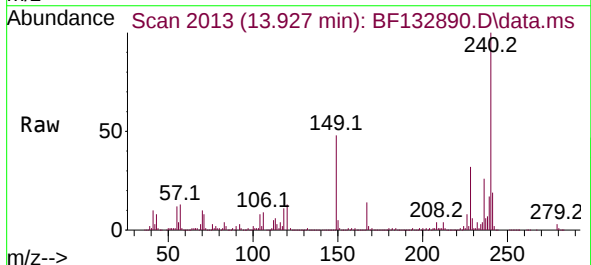
Tgt Ion:202 Resp: 308927
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.5
203 17.9 0.0 38.2

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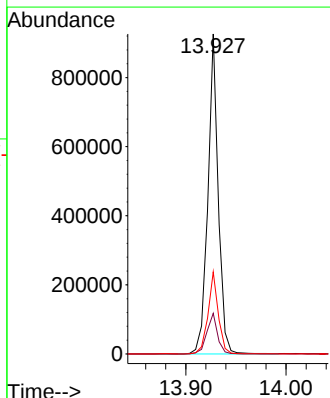
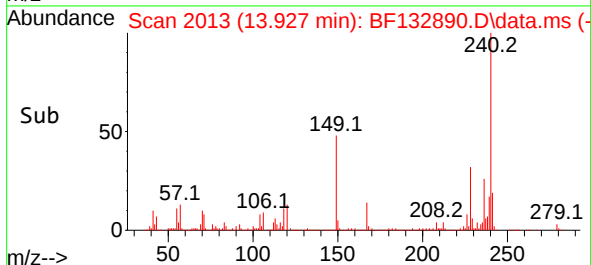
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

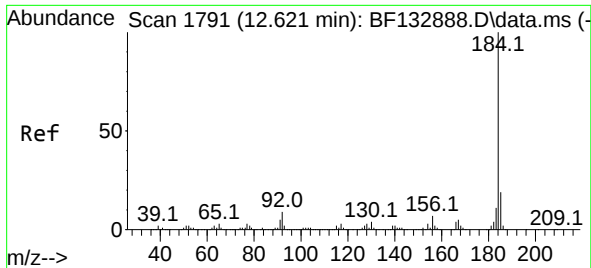


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



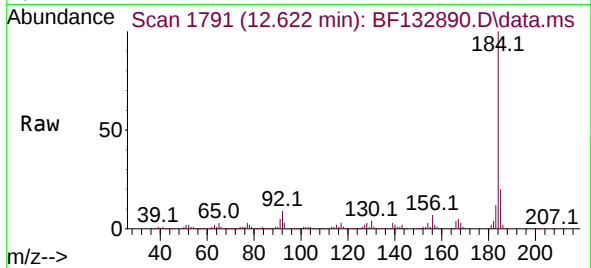
Tgt Ion:240 Resp: 669023
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 25.7 20.8 31.2





#77
Benzidine
Concen: 68.479 ng
RT: 12.622 min Scan# 1791
Delta R.T. 0.001 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

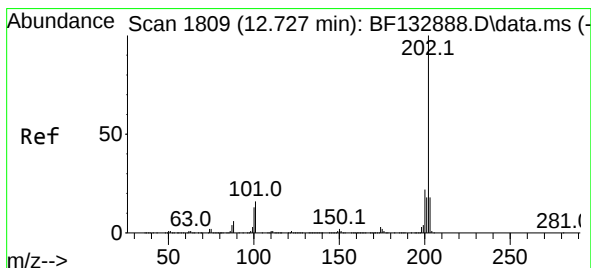
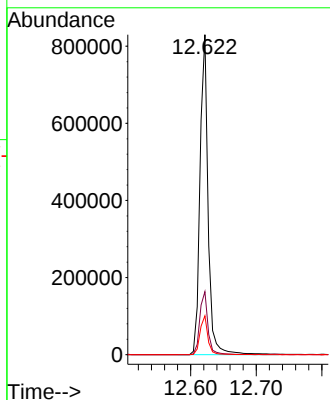
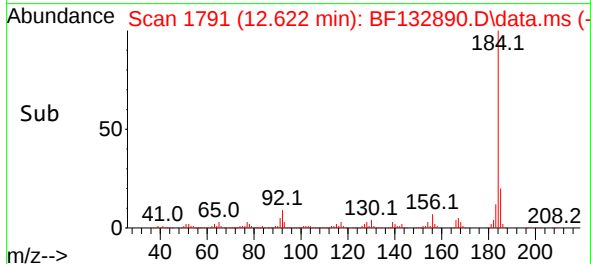
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



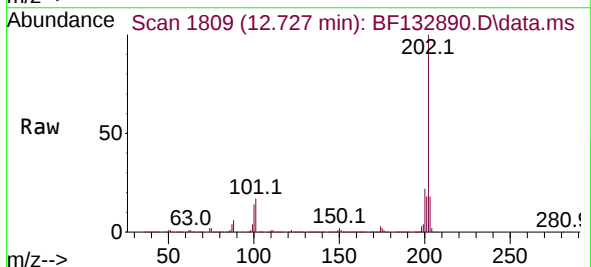
Tgt Ion:184 Resp: 713672
Ion Ratio Lower Upper
184 100
185 19.7 14.9 22.3
183 12.2 9.0 13.6

Manual Integrations
APPROVED

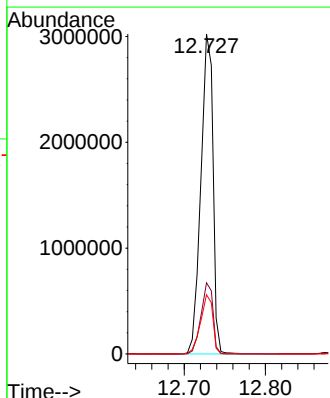
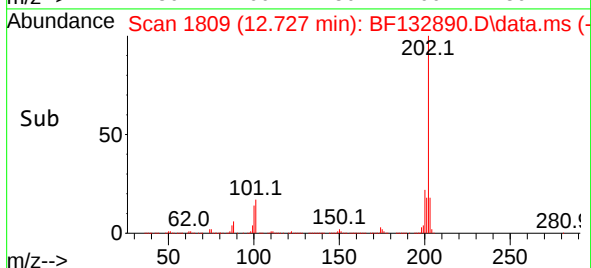
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

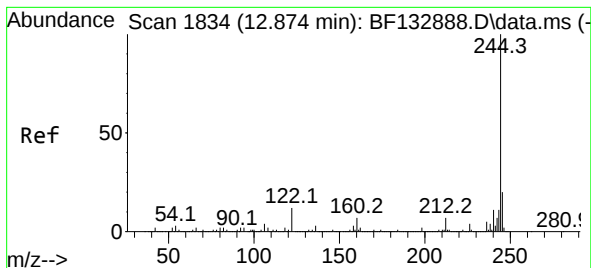


#78
Pyrene
Concen: 57.365 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion:202 Resp: 3138171
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.5 14.6 22.0





#79

Terphenyl-d14

Concen: 112.210 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.006 min

Lab File: BF132890.D

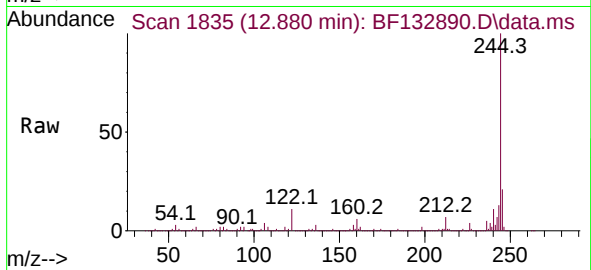
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:244 Resp: 4400214

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

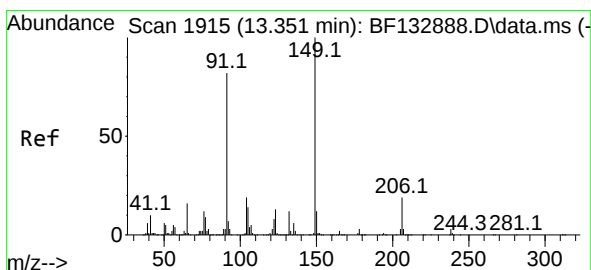
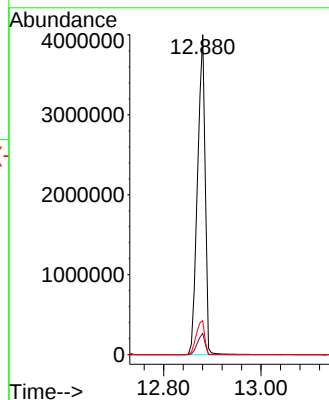
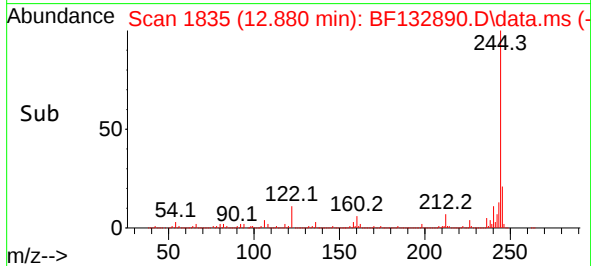
122 10.6 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#80

Butylbenzylphthalate

Concen: 62.142 ng

RT: 13.357 min Scan# 1916

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

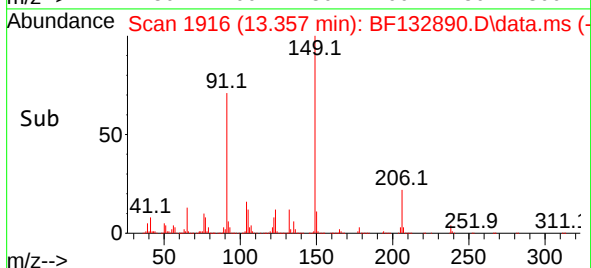
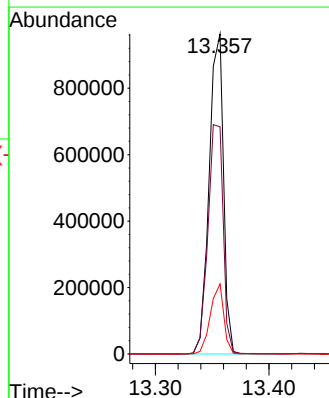
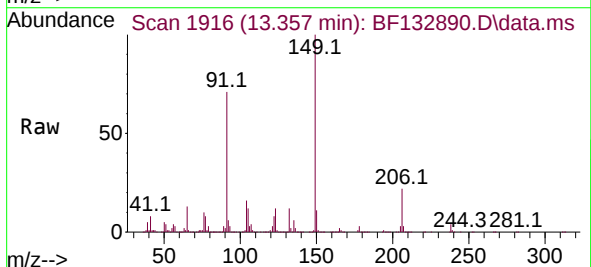
Tgt Ion:149 Resp: 842732

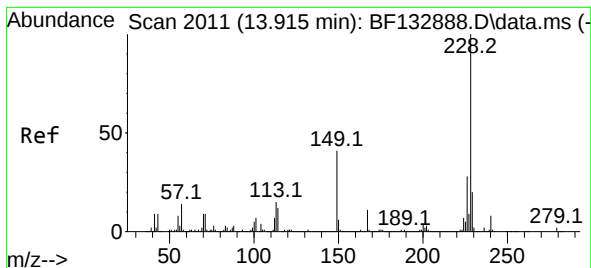
Ion Ratio Lower Upper

149 100

91 71.0 65.4 98.0

206 21.9 15.6 23.4





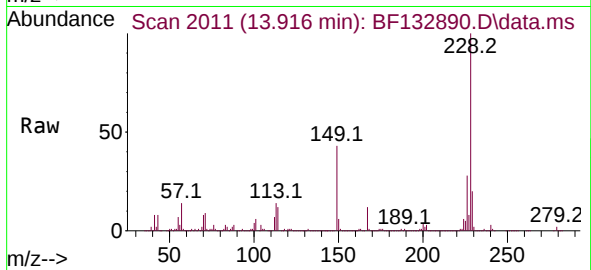
#81
Benzo(a)anthracene
Concen: 58.300 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

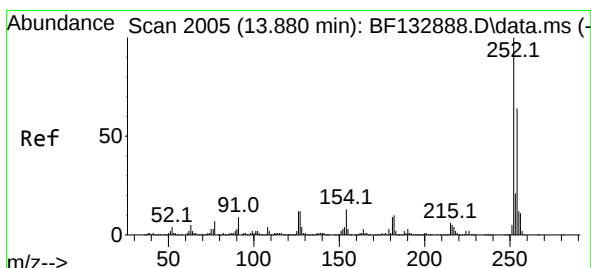
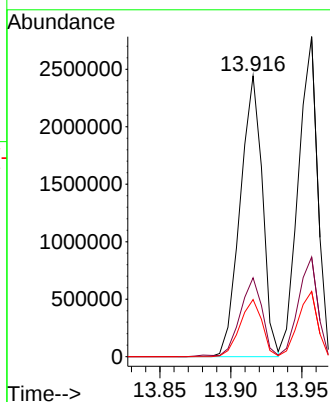
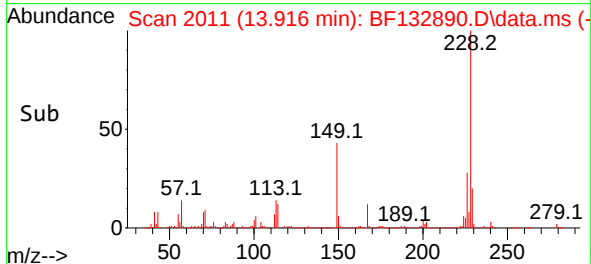


Tgt Ion:228 Resp: 265257
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.4 16.2 24.2

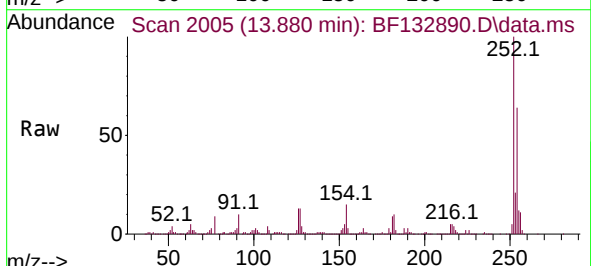
Manual Integrations

APPROVED

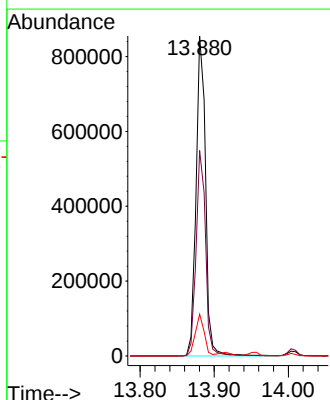
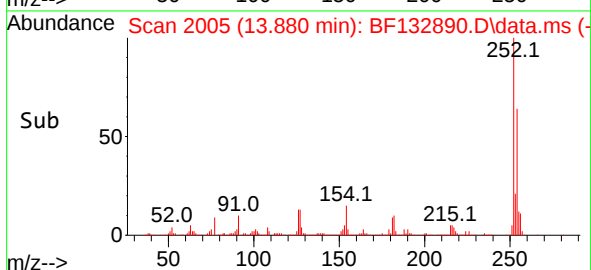
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

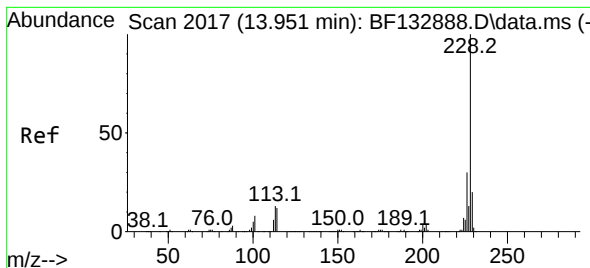


#82
3,3'-Dichlorobenzidine
Concen: 68.829 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion:252 Resp: 757525
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 13.1 9.8 14.6





#83

Chrysene

Concen: 58.231 ng

RT: 13.957 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 263334

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

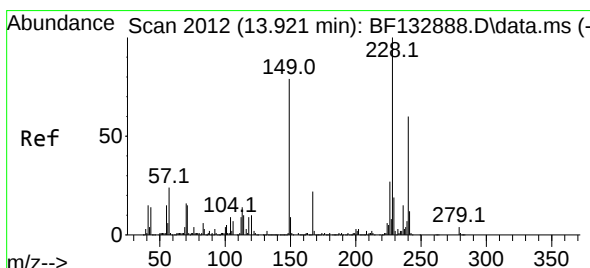
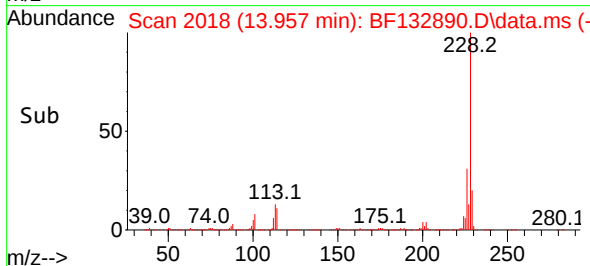
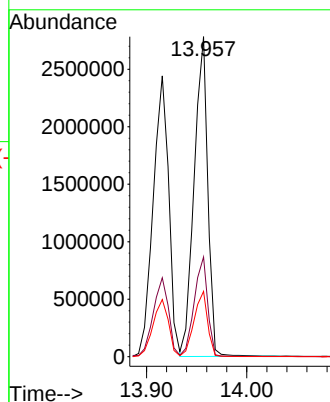
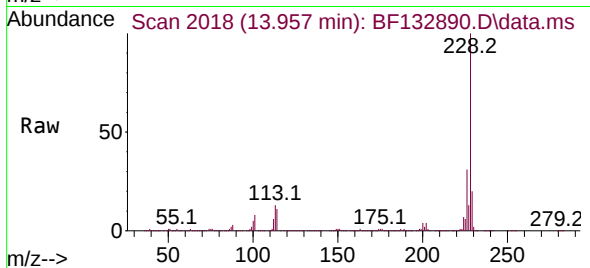
229 20.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.609 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.001 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

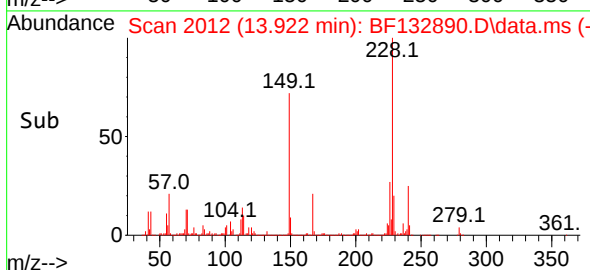
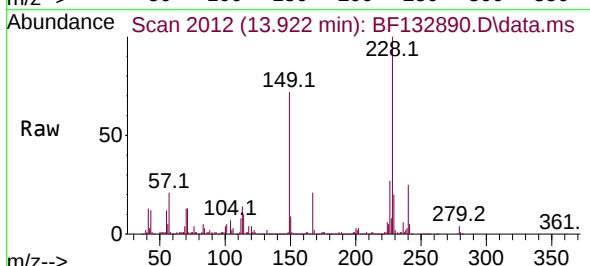
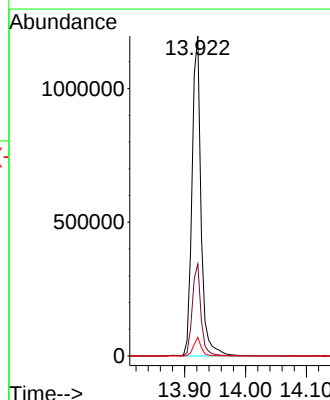
Tgt Ion:149 Resp: 1221855

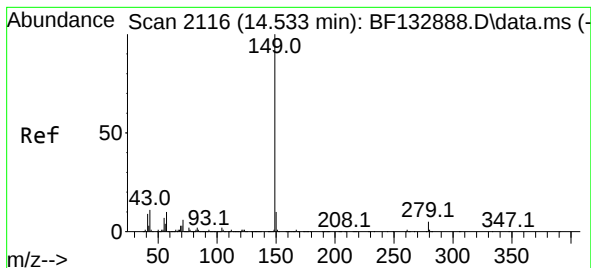
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

279 5.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 61.791 ng

RT: 14.533 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 2403609

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

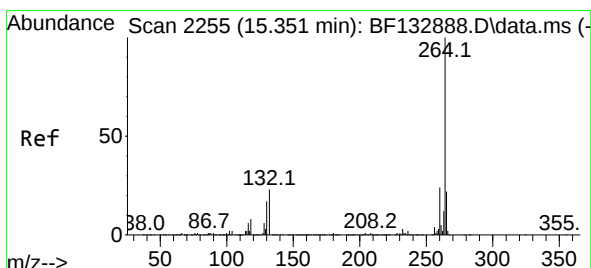
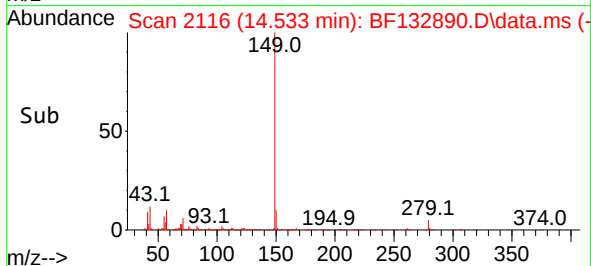
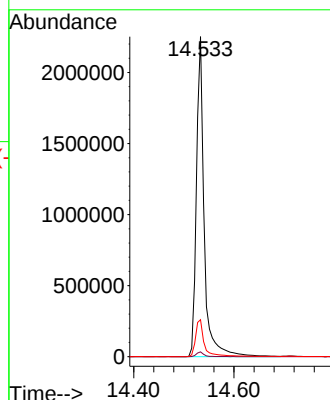
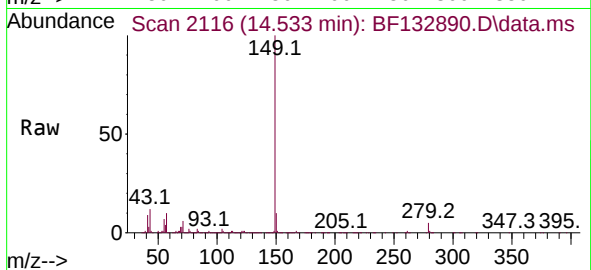
43 13.5 11.5 17.3

Manual Integrations

APPROVED

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: BF132890.D

Acq: 17 Apr 2023 15:33

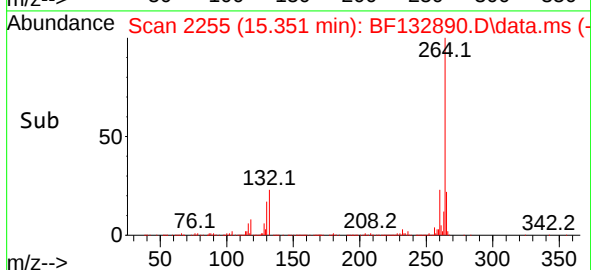
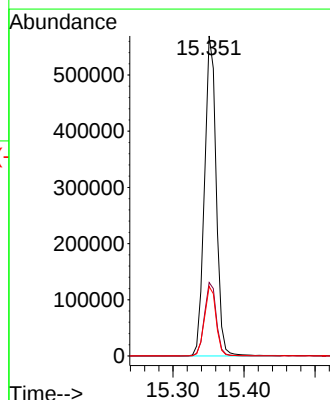
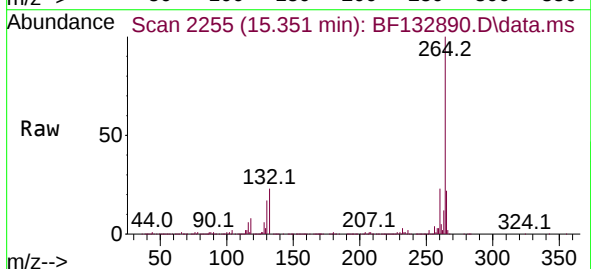
Tgt Ion:264 Resp: 655058

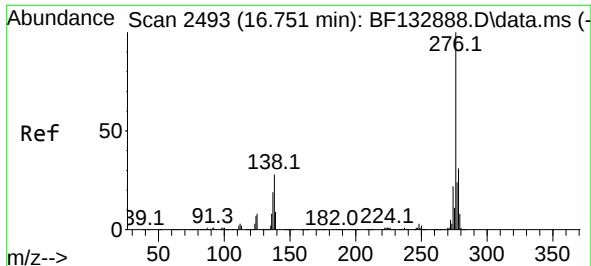
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

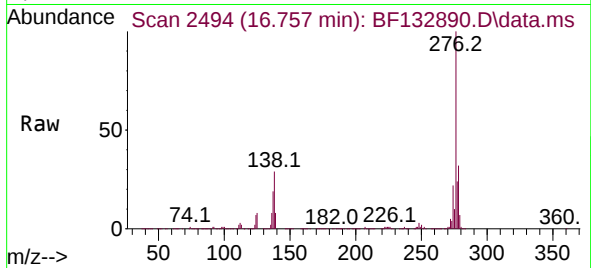
265 21.7 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 62.822 ng
RT: 16.757 min Scan# 2493
Delta R.T. 0.006 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

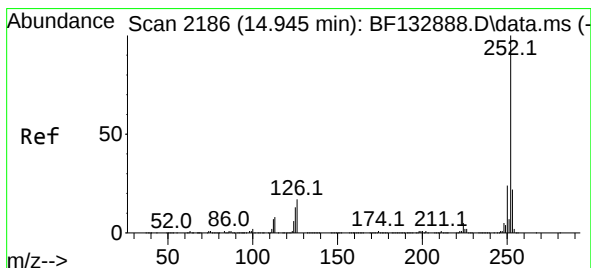
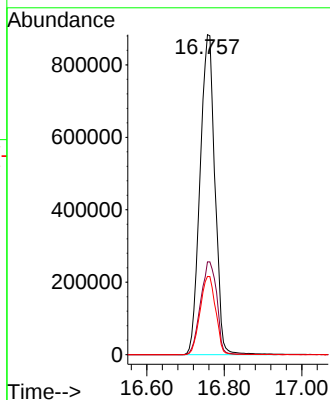
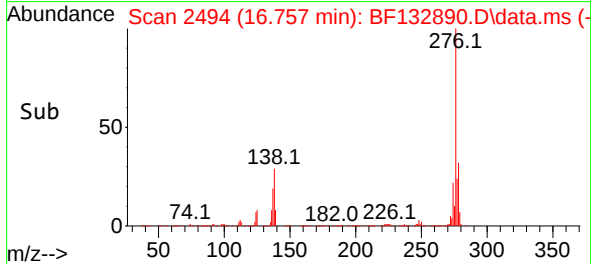
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



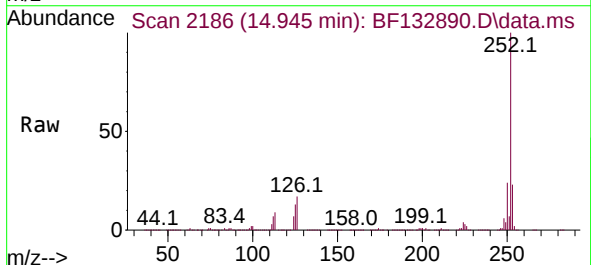
Tgt Ion:276 Resp: 235146
Ion Ratio Lower Upper
276 100
138 31.5 25.5 38.3
277 25.5 20.3 30.5

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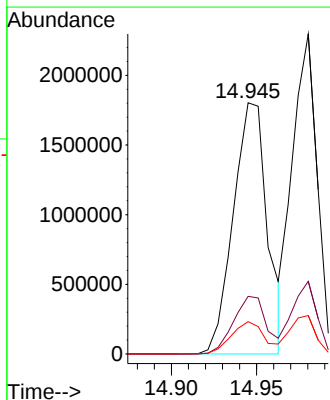
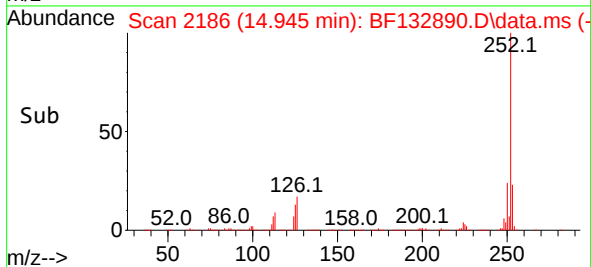
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

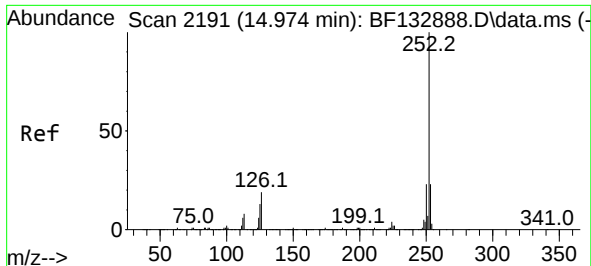


#88
Benzo(b)fluoranthene
Concen: 61.556 ng
RT: 14.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33



Tgt Ion:252 Resp: 2511712
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.8 10.0 15.0





#89

Benzo(k)fluoranthene

Concen: 57.731 ng

RT: 14.980 min Scan# 2191

Delta R.T. 0.006 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 234660

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

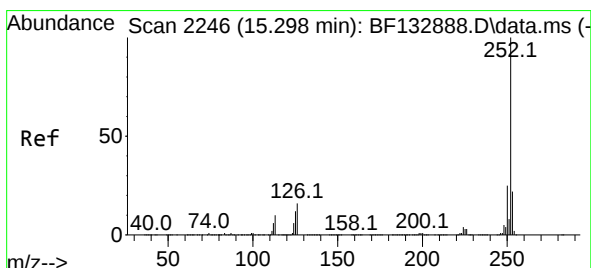
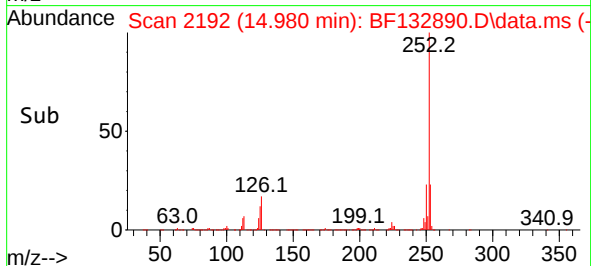
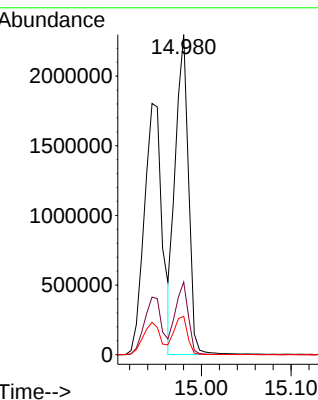
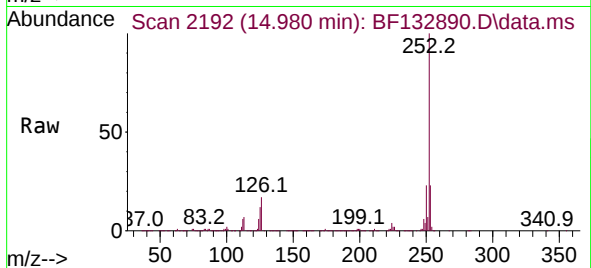
125 12.0 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#90

Benzo(a)pyrene

Concen: 60.954 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF132890.D

Acq: 17 Apr 2023 15:33

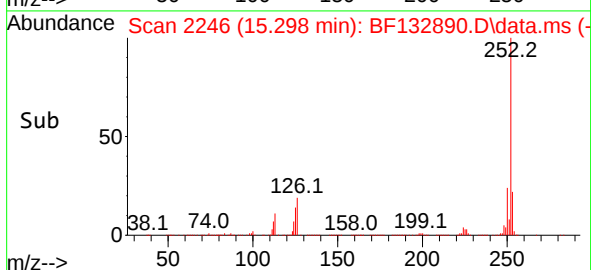
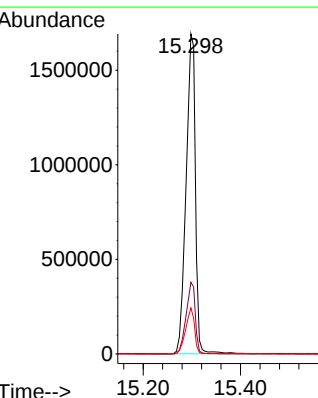
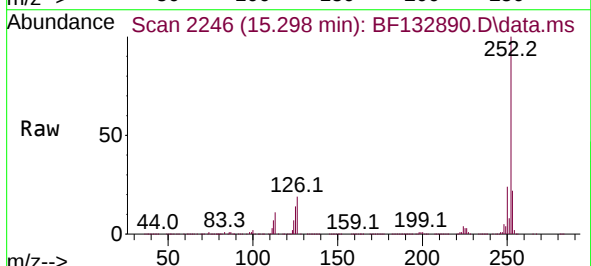
Tgt Ion:252 Resp: 2272263

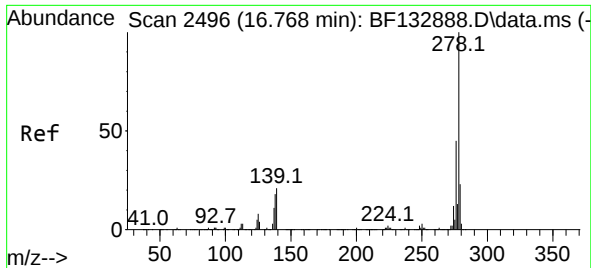
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 14.4 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 61.690 ng
RT: 16.780 min Scan# 2496
Delta R.T. 0.012 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Instrument :

BNA_F

ClientSampleId :

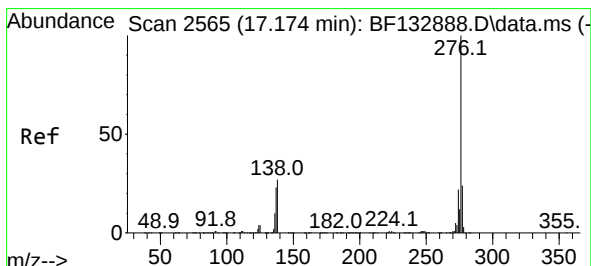
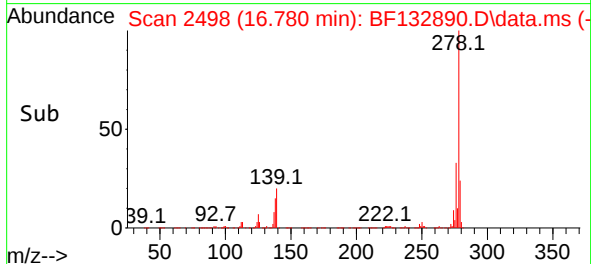
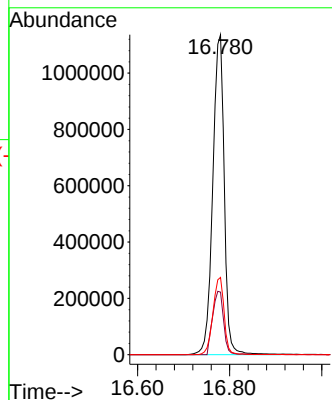
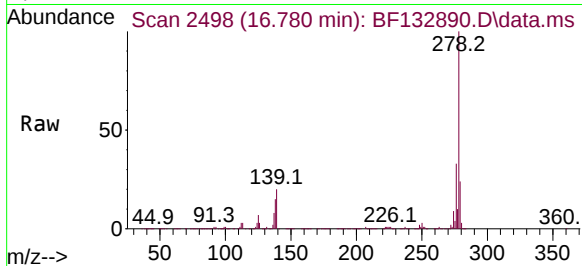
SSTDICC060

Tgt Ion:278 Resp: 1967490
Ion Ratio Lower Upper
278 100
139 19.5 16.7 25.1
279 24.2 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: 63.125 ng
RT: 17.186 min Scan# 2567
Delta R.T. 0.012 min
Lab File: BF132890.D
Acq: 17 Apr 2023 15:33

Tgt Ion:276 Resp: 1927594
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 27.3 21.7 32.5

