

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012423\
 Data File : BF132192.D
 Acq On : 24 Jan 2023 14:12
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 01:16:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 01:10:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	298201	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	963263	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	521559	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	967636	20.000	ng	0.00
76) Chrysene-d12	14.301	240	514413	20.000	ng	0.00
86) Perylene-d12	15.889	264	543291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	2217010	134.042	ng	0.00
7) Phenol-d6	6.713	99	2679909	131.618	ng	0.02
23) Nitrobenzene-d5	7.660	82	2573660	143.095	ng	0.01
42) 2,4,6-Tribromophenol	10.936	330	866512	176.881	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	4400575	127.806	ng	0.00
79) Terphenyl-d14	13.230	244	4649142	141.618	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.013	88	572192	67.780	ng	97
3) Pyridine	3.778	79	1589553	68.865	ng	97
4) n-Nitrosodimethylamine	3.760	42	695073	67.249	ng	90
6) Aniline	6.760	93	1947204m	68.106	ng	
8) 2-Chlorophenol	6.872	128	1153272	67.416	ng	99
10) Phenol	6.725	94	1394338	65.264	ng	94
11) bis(2-Chloroethyl)ether	6.825	93	1176803	65.268	ng	96
12) 1,3-Dichlorobenzene	7.031	146	1347555	66.770	ng	98
13) 1,4-Dichlorobenzene	7.107	146	1340661	66.425	ng	99
14) 1,2-Dichlorobenzene	7.260	146	1203214	64.000	ng	99
15) Benzyl Alcohol	7.225	79	1133445	69.490	ng	99
17) 2-Methylphenol	7.325	107	1038796	68.029	ng	98
18) Hexachloroethane	7.601	117	494720	70.610	ng	95
19) n-Nitroso-di-n-propyla...	7.507	70	848276	62.918	ng	98
20) 3+4-Methylphenols	7.489	107	1224418	63.808	ng	# 89
22) Acetophenone	7.501	105	1528980	65.769	ng	# 97
24) Nitrobenzene	7.678	77	1312295	69.056	ng	94
25) Isophorone	7.913	82	2487800	72.621	ng	97
26) 2-Nitrophenol	7.989	139	637398	91.015	ng	97
27) 2,4-Dimethylphenol	8.019	122	1065915	74.778	ng	98
28) bis(2-Chloroethoxy)met...	8.113	93	1358229	67.850	ng	98
29) 2,4-Dichlorophenol	8.225	162	1083366	75.857	ng	99
30) 1,2,4-Trichlorobenzene	8.313	180	1218748	71.556	ng	99
31) Naphthalene	8.401	128	3123687	66.439	ng	99
32) Benzoic acid	8.160	122	812957m	97.923	ng	
33) 4-Chloroaniline	8.442	127	1414238	69.484	ng	99
34) Hexachlorobutadiene	8.507	225	852850	74.300	ng	97
35) Caprolactam	8.842	113	308411m	84.111	ng	
36) 4-Chloro-3-methylphenol	8.919	107	1043281	74.899	ng	100
37) 2-Methylnaphthalene	9.089	142	2301881	67.485	ng	98
38) 1-Methylnaphthalene	9.189	142	2133200	67.870	ng	100
40) 1,2,4,5-Tetrachloroben...	9.254	216	1325531	72.413	ng	99
41) Hexachlorocyclopentadiene	9.242	237	848527	86.110	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	873430	81.562	ng	99
44) 2,4,5-Trichlorophenol	9.401	196	993915	79.213	ng	98
46) 1,1'-Biphenyl	9.560	154	2640587	67.443	ng	98

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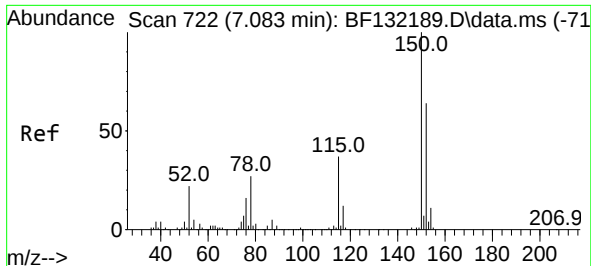
Manual Integrations
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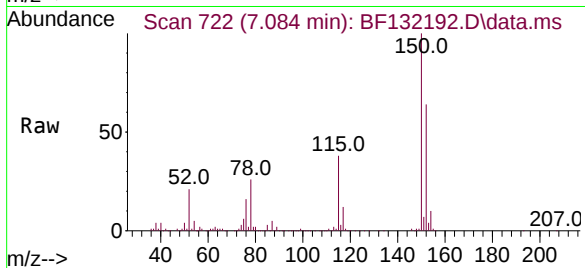
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.583	162	2136872	70.075	ng	98
48) 2-Nitroaniline	9.678	65	647194	82.346	ng	98
49) Acenaphthylene	10.007	152	3145441	67.575	ng	99
50) Dimethylphthalate	9.860	163	2563729	73.673	ng	99
51) 2,6-Dinitrotoluene	9.919	165	611982	82.990	ng	94
52) Acenaphthene	10.178	154	2082681	70.942	ng	99
53) 3-Nitroaniline	10.095	138	619273	79.455	ng	93
54) 2,4-Dinitrophenol	10.189	184	318544	94.612	ng	91
55) Dibenzofuran	10.348	168	2972025	68.032	ng	97
56) 4-Nitrophenol	10.236	139	467820	86.607	ng	95
57) 2,4-Dinitrotoluene	10.325	165	793897	86.475	ng	92
58) Fluorene	10.695	166	2299453	68.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.460	232	776657m	82.818	ng	
60) Diethylphthalate	10.560	149	2467188	74.028	ng	98
61) 4-Chlorophenyl-phenyle...	10.683	204	1343801	70.373	ng	98
62) 4-Nitroaniline	10.725	138	594528	79.076	ng	94
63) Azobenzene	10.842	77	2211322	64.920	ng	96
65) 4,6-Dinitro-2-methylph...	10.736	198	435257	93.150	ng	99
66) n-Nitrosodiphenylamine	10.801	169	2054894	71.312	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	897939	77.631	ng	95
68) Hexachlorobenzene	11.242	284	886662	78.048	ng	97
69) Atrazine	11.325	200	680996	75.063	ng	98
70) Pentachlorophenol	11.430	266	653080	85.988	ng	99
71) Phenanthrene	11.666	178	3278837	68.198	ng	98
72) Anthracene	11.719	178	3325360	68.208	ng	97
73) Carbazole	11.872	167	2844083	69.216	ng	99
74) Di-n-butylphthalate	12.189	149	3361838	73.523	ng	98
75) Fluoranthene	12.860	202	3380250	67.225	ng	98
77) Benzidine	12.977	184	891995	68.066	ng	98
78) Pyrene	13.095	202	3372316	73.805	ng	98
80) Butylbenzylphthalate	13.701	149	1187112	89.012	ng	99
81) Benzo(a)anthracene	14.289	228	2728990	74.573	ng	98
82) 3,3'-Dichlorobenzidine	14.248	252	813257	83.382	ng	96
83) Chrysene	14.330	228	2496727	73.050	ng	98
84) Bis(2-ethylhexyl)phtha...	14.260	149	1533918	84.881	ng	99
85) Di-n-octyl phthalate	14.895	149	2357318	93.757	ng	98
87) Indeno(1,2,3-cd)pyrene	17.559	276	3196239	85.641	ng	99
88) Benzo(b)fluoranthene	15.412	252	2571798	73.871	ng	98
89) Benzo(k)fluoranthene	15.448	252	2470712	69.509	ng	99
90) Benzo(a)pyrene	15.830	252	2506646	76.916	ng	100
91) Dibenzo(a,h)anthracene	17.583	278	2606149	84.556	ng	99
92) Benzo(g,h,i)perylene	18.077	276	2649420	84.909	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.084 min Scan# 71
Delta R.T. 0.001 min
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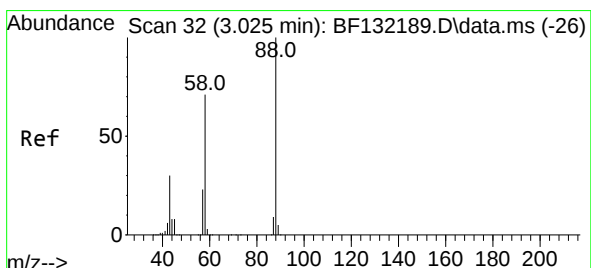
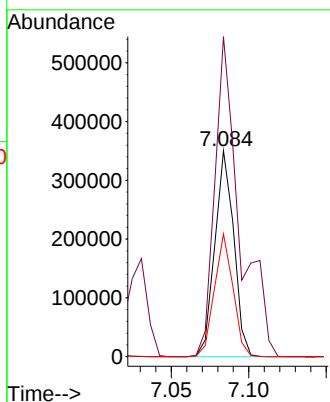
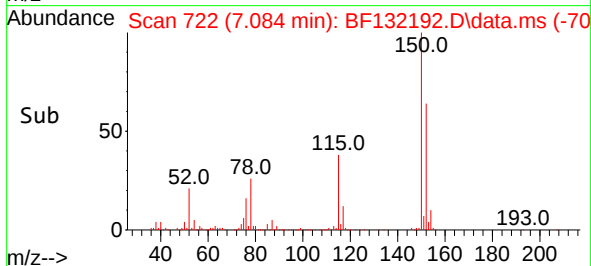
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 29820
Ion Ratio Lower Upper
152 100
150 155.5 124.6 187.0
115 59.6 45.5 68.3

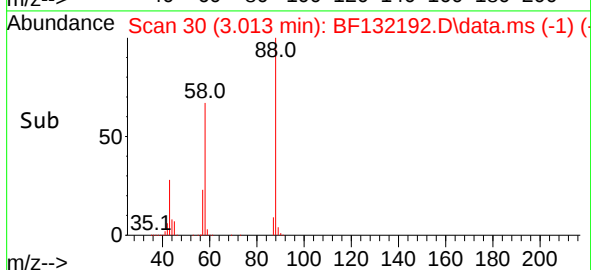
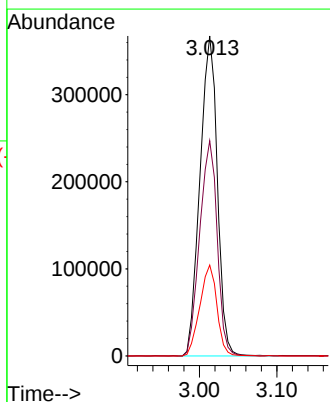
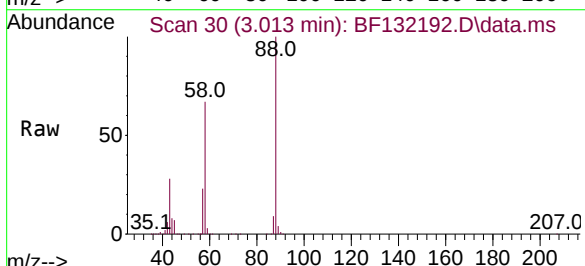
Manual Integrations
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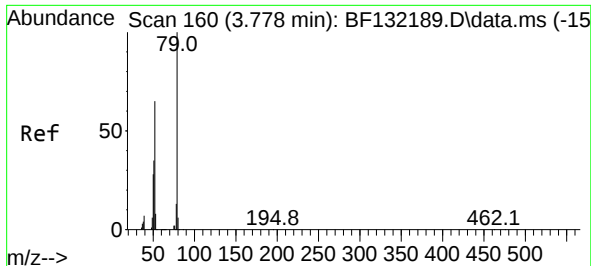
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#2
1,4-Dioxane
Concen: 67.780 ng
RT: 3.013 min Scan# 30
Delta R.T. -0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

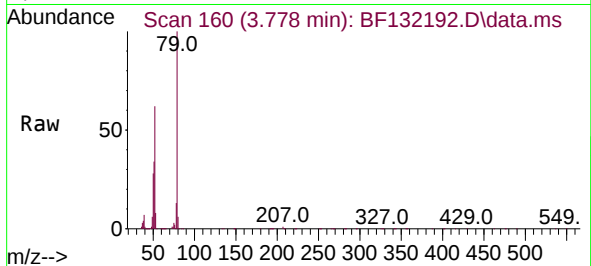
Tgt Ion: 88 Resp: 572192
Ion Ratio Lower Upper
88 100
58 67.6 56.0 84.0
43 27.9 23.8 35.6





#3
Pyridine
Concen: 68.865 ng
RT: 3.778 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

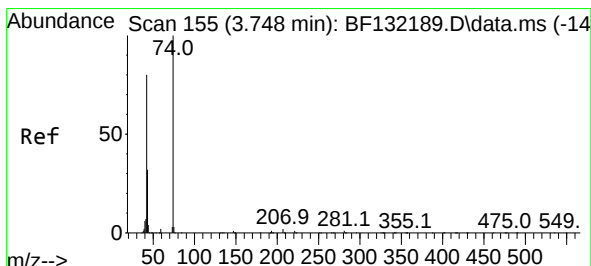
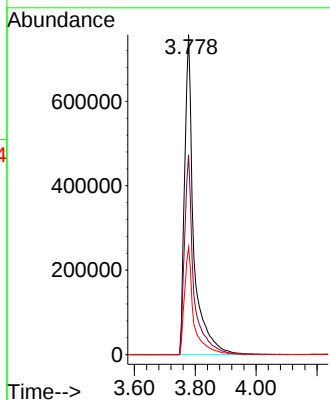
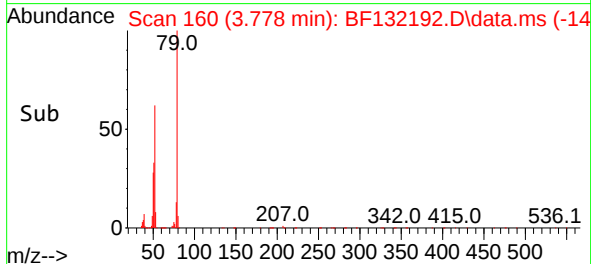
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



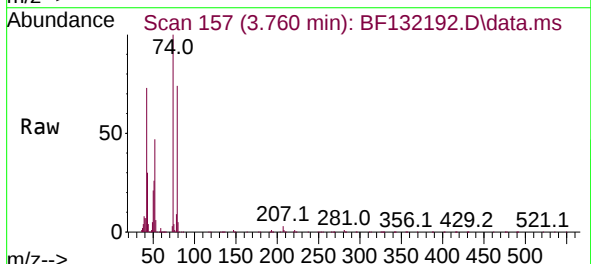
Tgt Ion: 79 Resp: 158955
Ion Ratio Lower Upper
79 100
52 62.4 52.0 78.0
51 33.5 27.8 41.6

Manual Integrations
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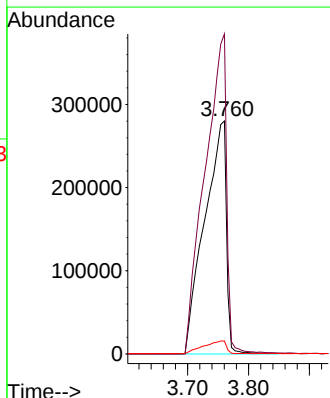
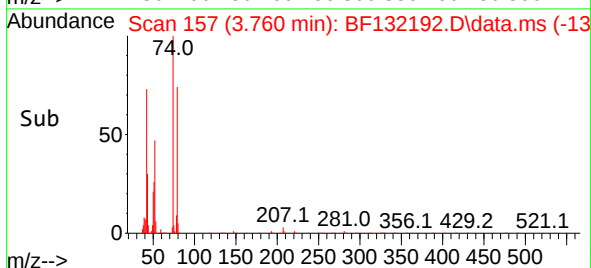
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

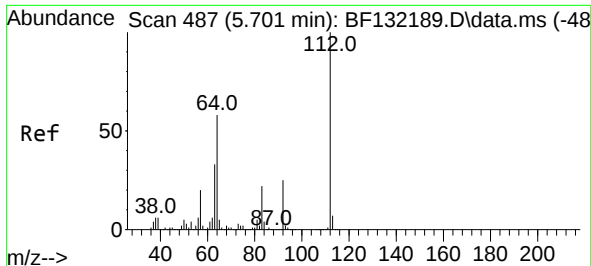


#4
n-Nitrosodimethylamine
Concen: 67.249 ng
RT: 3.760 min Scan# 157
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion: 42 Resp: 695073
Ion Ratio Lower Upper
42 100
74 137.4 100.2 150.4
44 5.6 4.5 6.7





#5
2-Fluorophenol
Concen: 134.042 ng
RT: 5.707 min Scan# 487
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

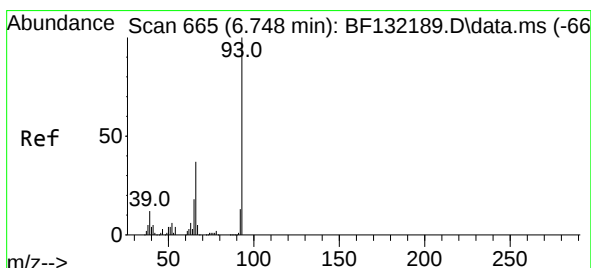
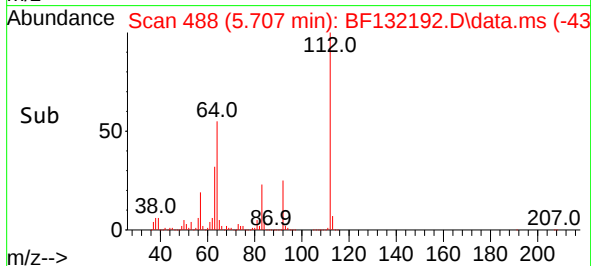
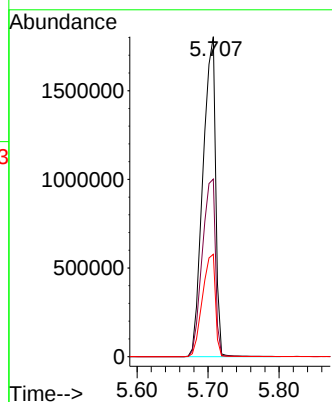
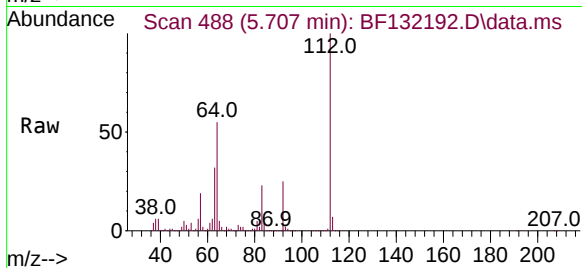
SSTDICC080

Tgt Ion:112 Resp: 2217010
Ion Ratio Lower Upper
112 100
64 55.5 46.6 69.8
63 32.0 26.1 39.1

Manual Integrations

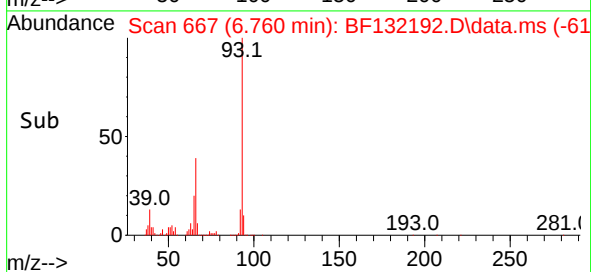
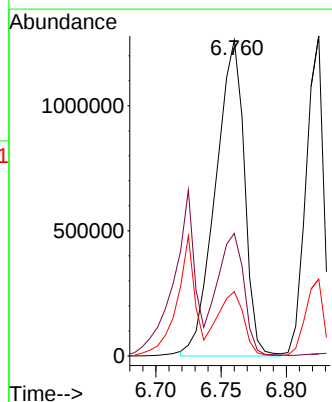
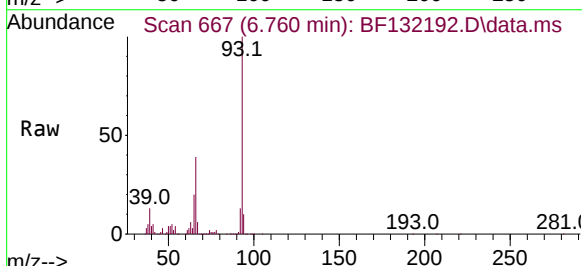
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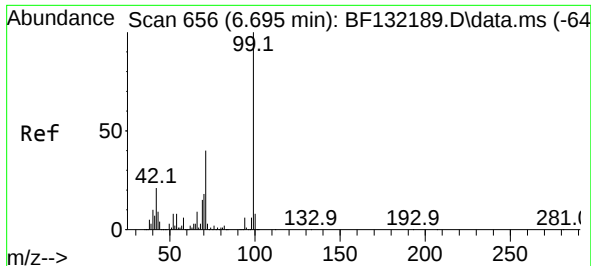
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#6
Aniline
Concen: 68.106 ng m
RT: 6.760 min Scan# 667
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

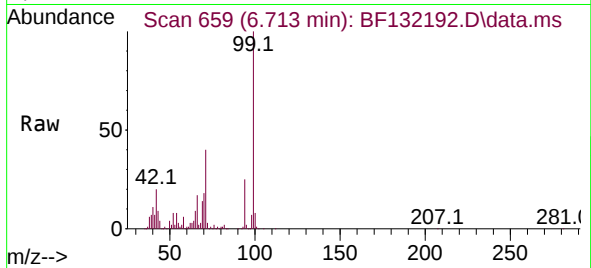
Tgt Ion: 93 Resp: 1947204
Ion Ratio Lower Upper
93 100
66 38.8 31.9 47.9
65 20.3 16.4 24.6





#7
Phenol-d6
Concen: 131.618 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.018 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

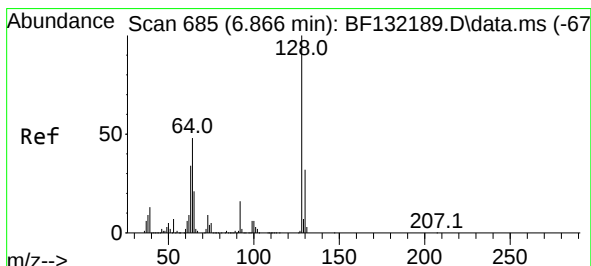
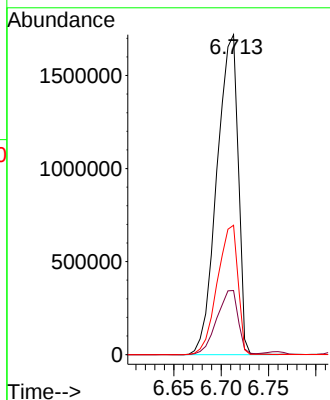
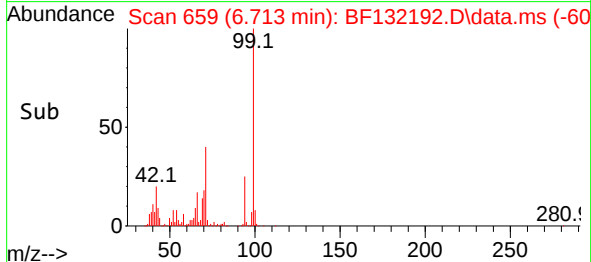
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 2679909
Ion Ratio Lower Upper
99 100
42 20.0 16.9 25.3
71 40.4 32.0 48.0

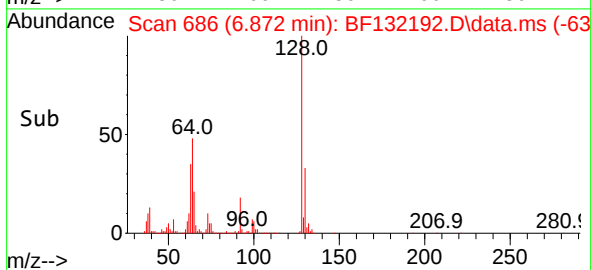
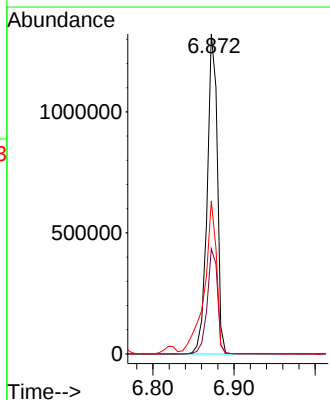
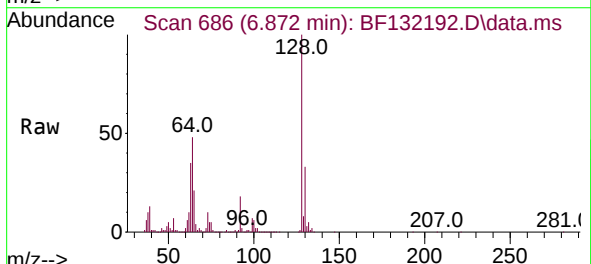
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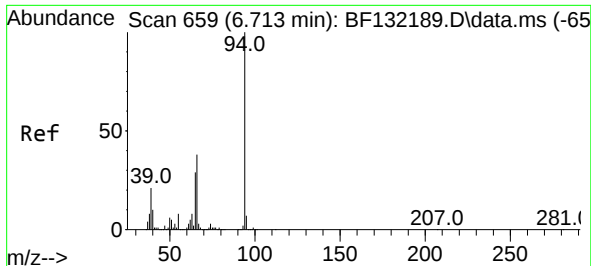
Reviewed By :Christian Giraldo 01/25/2023
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#8
2-Chlorophenol
Concen: 67.416 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

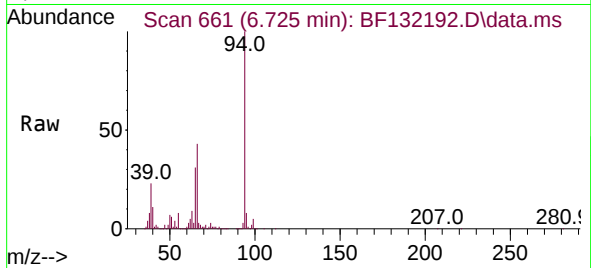
Tgt Ion:128 Resp: 1153272
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 47.8 28.1 68.1





#10
Phenol
Concen: 65.264 ng
RT: 6.725 min Scan# 661
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

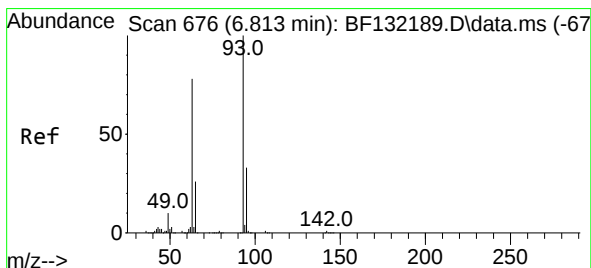
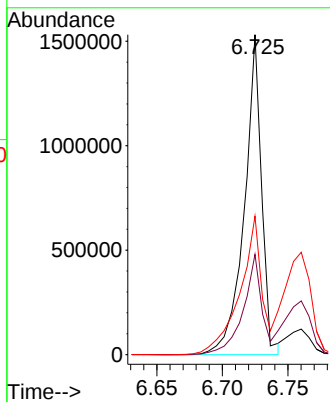
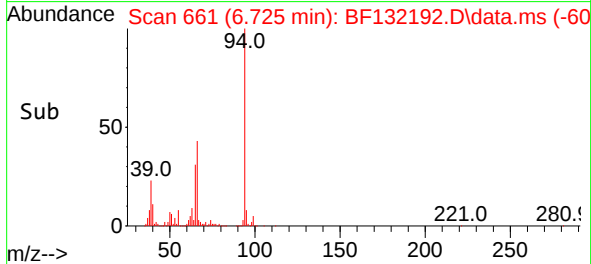
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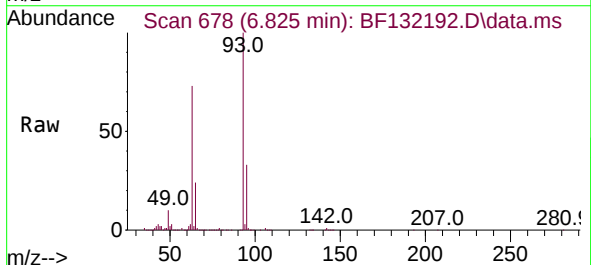
Tgt Ion: 94 Resp: 1394338
Ion Ratio Lower Upper
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65 31.3 9.3 49.3
66 43.3 18.4 58.4

Manual Integrations
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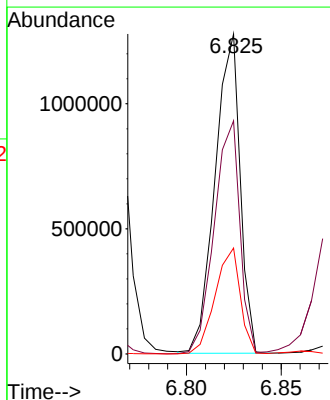
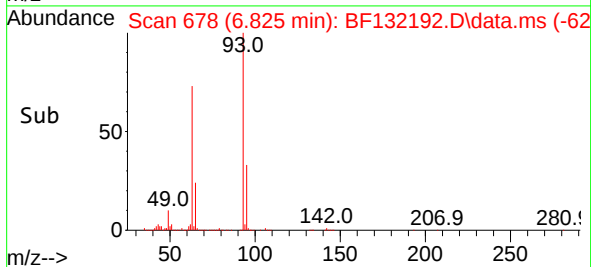
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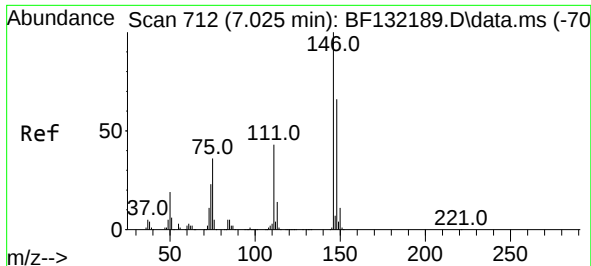


#11
bis(2-Chloroethyl)ether
Concen: 65.268 ng
RT: 6.825 min Scan# 678
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion: 93 Resp: 1176803
Ion Ratio Lower Upper
93 100
63 72.8 58.1 98.1
95 33.1 13.1 53.1





#12

1,3-Dichlorobenzene

Concen: 66.770 ng

RT: 7.031 min Scan# 712

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 134755

Ion Ratio Lower Upper

146 100

148 66.7 53.2 79.8

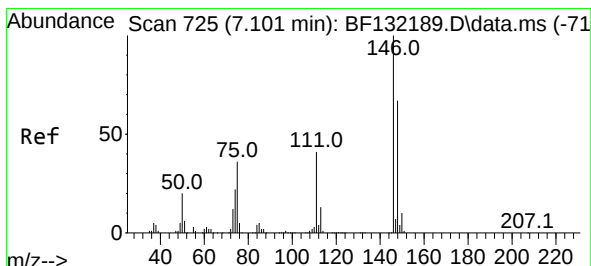
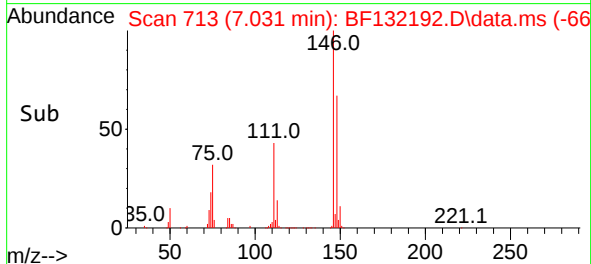
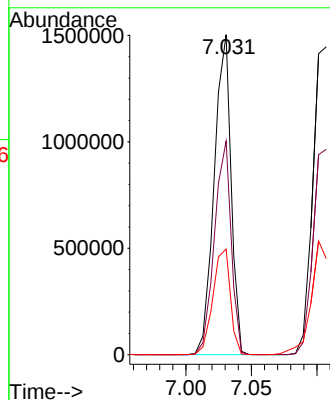
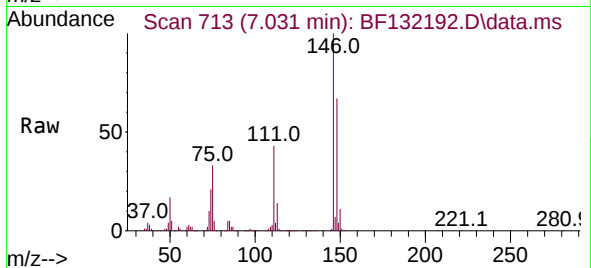
75 33.0 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#13

1,4-Dichlorobenzene

Concen: 66.425 ng

RT: 7.107 min Scan# 726

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

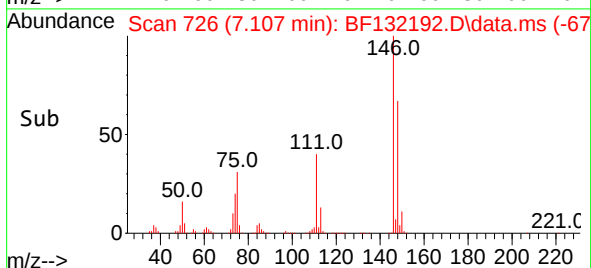
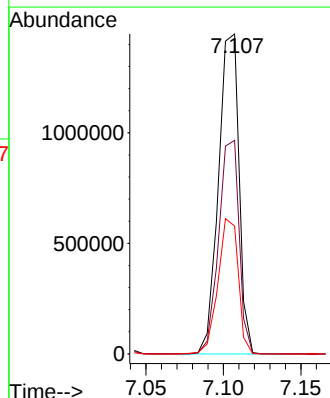
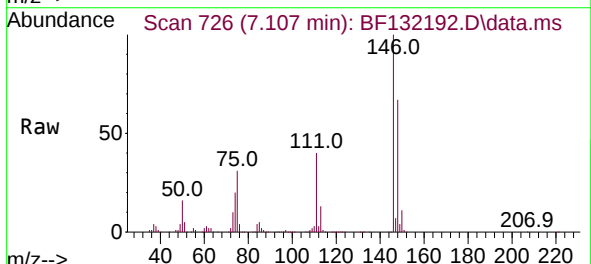
Tgt Ion:146 Resp: 1340661

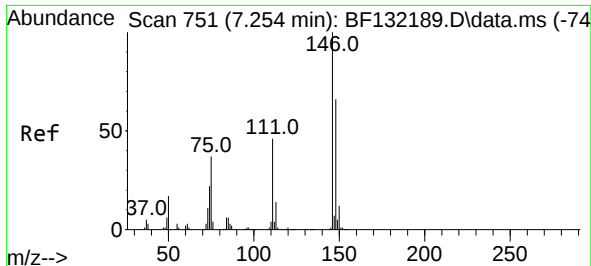
Ion Ratio Lower Upper

146 100

148 66.7 53.5 80.3

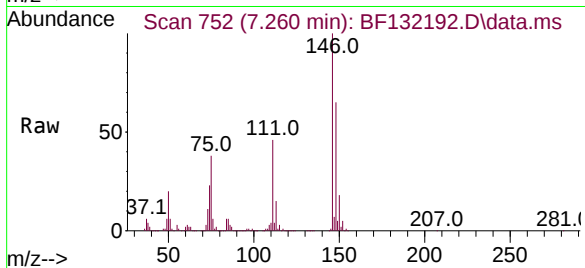
111 39.9 33.0 49.4





#14
1,2-Dichlorobenzene
Concen: 64.000 ng
RT: 7.260 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

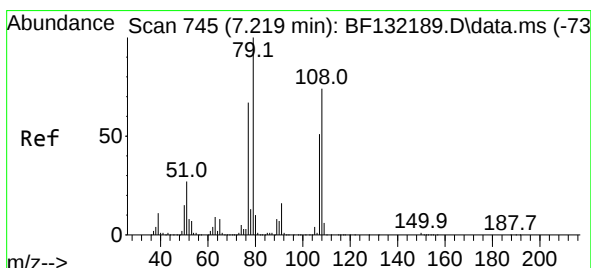
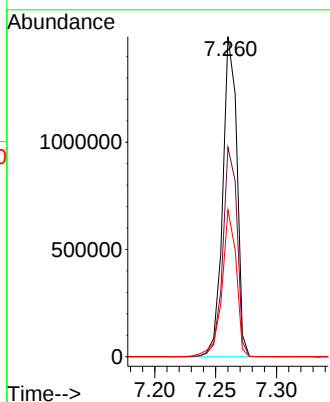
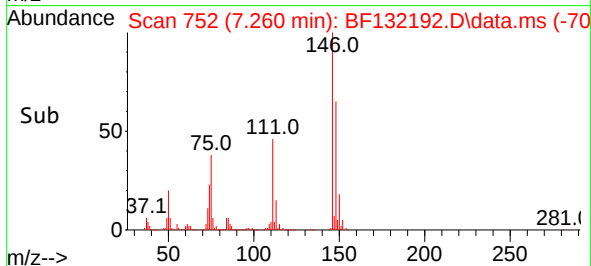
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



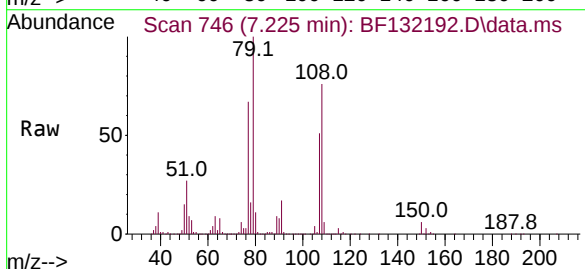
Tgt Ion:146 Resp: 1203214
Ion Ratio Lower Upper
146 100
148 65.4 53.1 79.7
111 45.8 36.6 54.8

Manual Integrations
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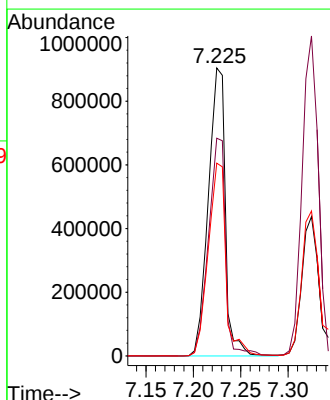
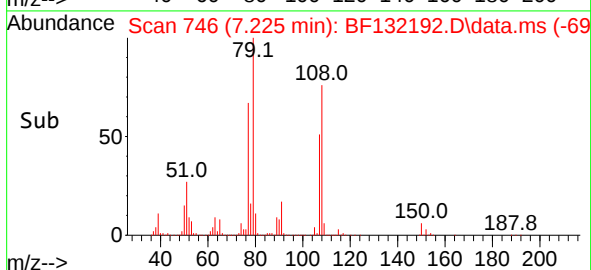
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

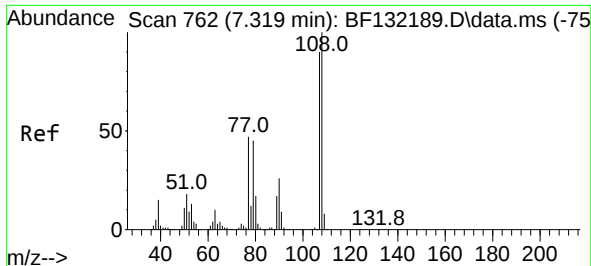


#15
Benzyl Alcohol
Concen: 69.490 ng
RT: 7.225 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



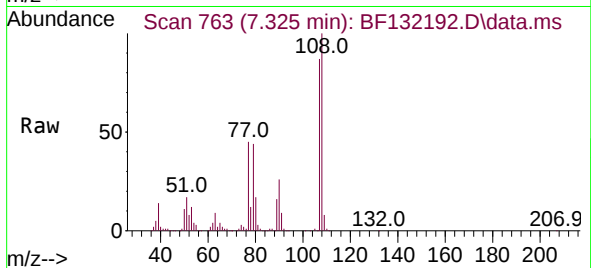
Tgt Ion: 79 Resp: 1133445
Ion Ratio Lower Upper
79 100
108 75.6 59.4 89.2
77 67.0 53.9 80.9





#17
2-Methylphenol
Concen: 68.029 ng
RT: 7.325 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

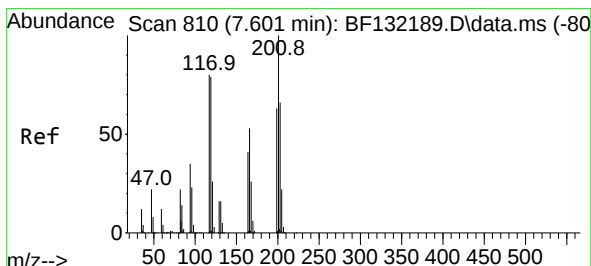
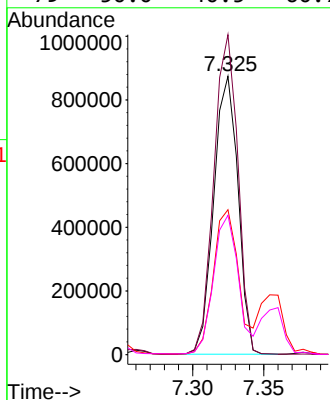
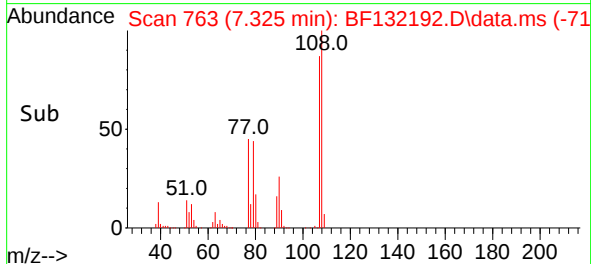
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1038796
Ion Ratio Lower Upper
107 100
108 114.9 89.4 134.2
77 52.0 42.2 63.4
79 50.0 40.5 60.7

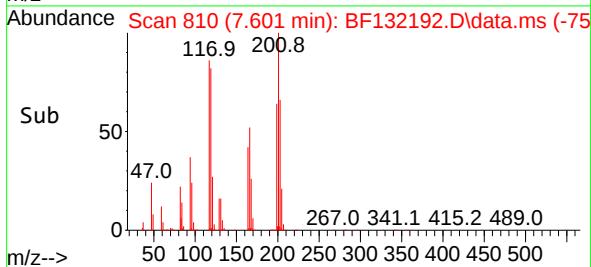
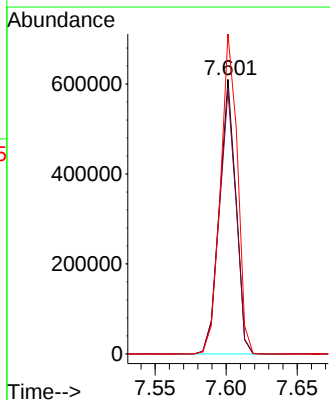
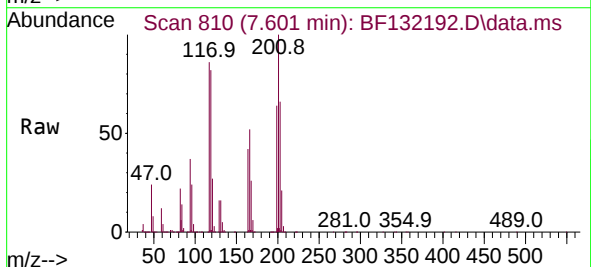
Manual Integrations
APPROVED

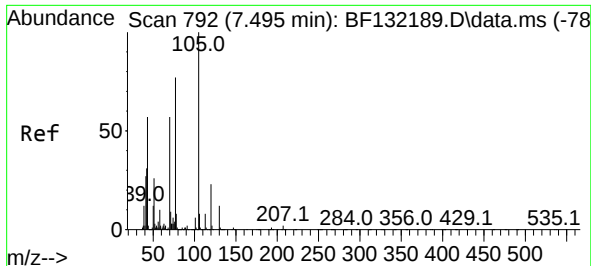
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#18
Hexachloroethane
Concen: 70.610 ng
RT: 7.601 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

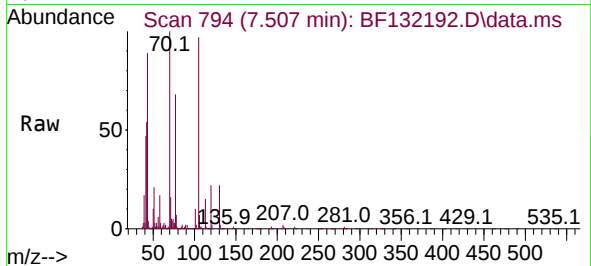
Tgt Ion:117 Resp: 494720
Ion Ratio Lower Upper
117 100
119 96.1 78.6 117.8
201 116.6 99.7 149.5





#19
n-Nitroso-di-n-propylamine
Concen: 62.918 ng
RT: 7.507 min Scan# 791
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

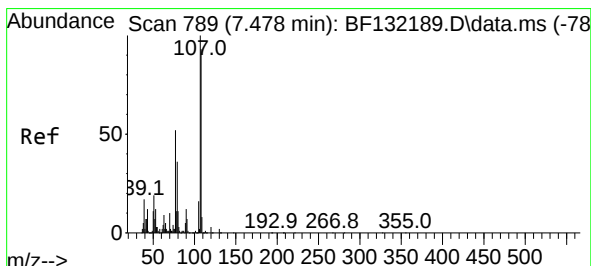
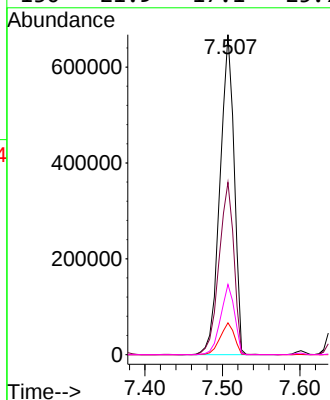
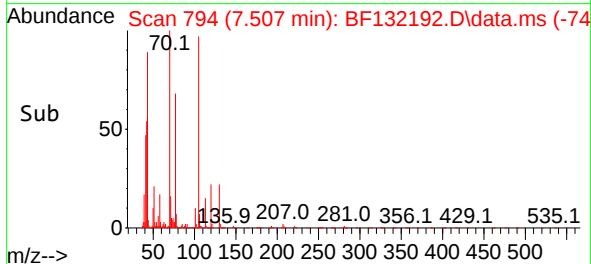
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



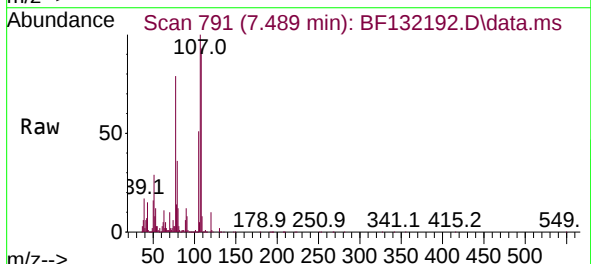
Tgt Ion: 70 Resp: 848276
Ion Ratio Lower Upper
70 100
42 53.8 44.3 66.5
101 9.9 8.1 12.1
130 21.9 17.1 25.7

Manual Integrations
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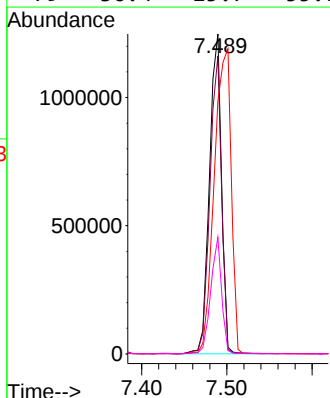
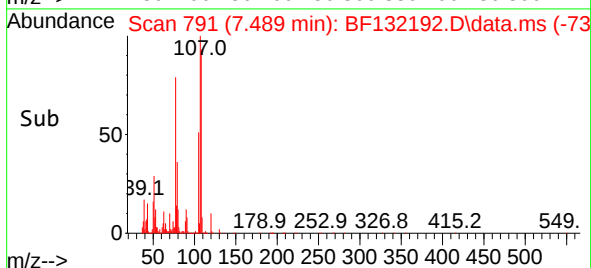
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

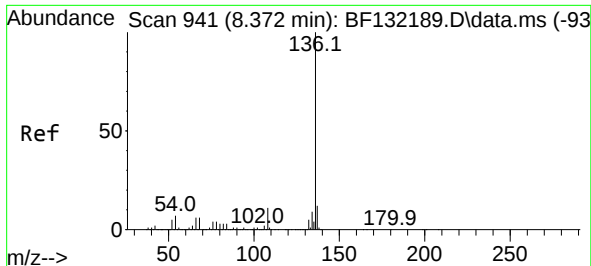


#20
3+4-Methylphenols
Concen: 63.808 ng
RT: 7.489 min Scan# 791
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



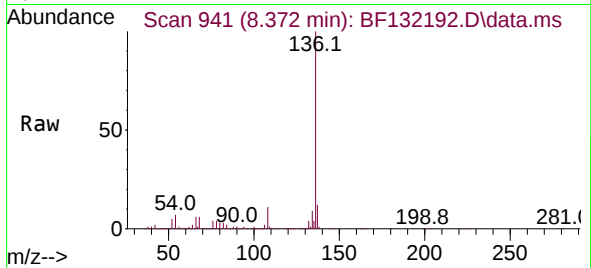
Tgt Ion:107 Resp: 1224418
Ion Ratio Lower Upper
107 100
108 93.2 73.4 113.4
77 79.0 32.0 72.0#
79 36.4 15.7 55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

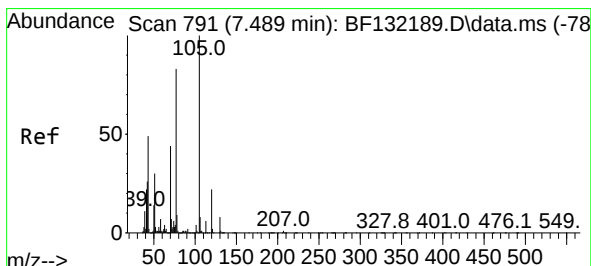
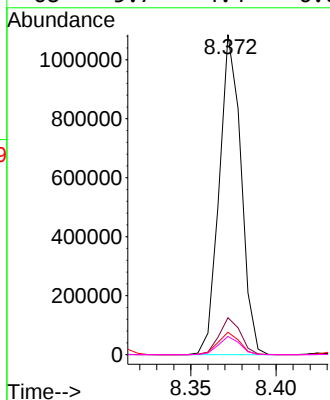
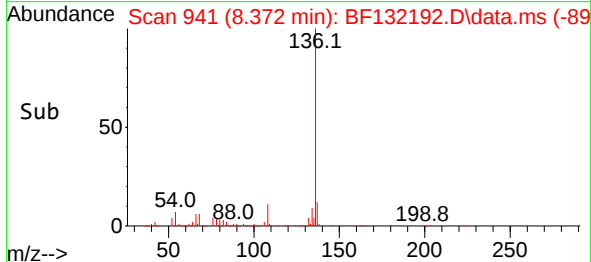
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



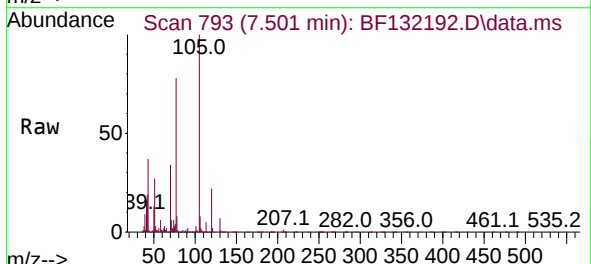
Tgt Ion:136 Resp: 963263
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 7.0 6.0 9.0
68 5.7 4.4 6.6

Manual Integrations
APPROVED

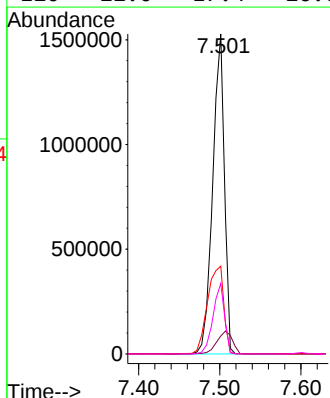
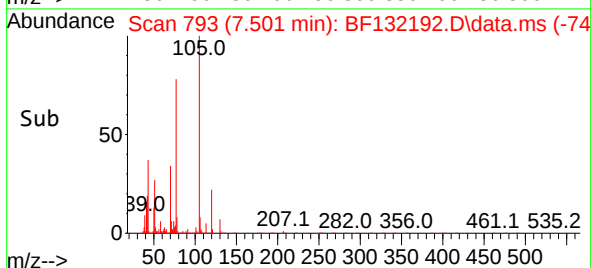
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

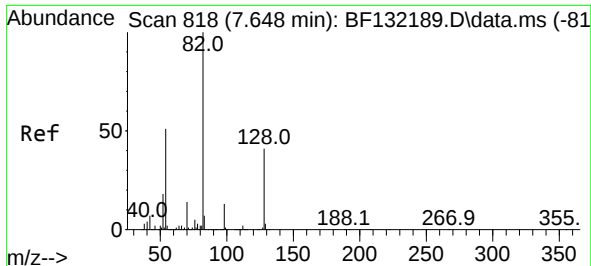


#22
Acetophenone
Concen: 65.769 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



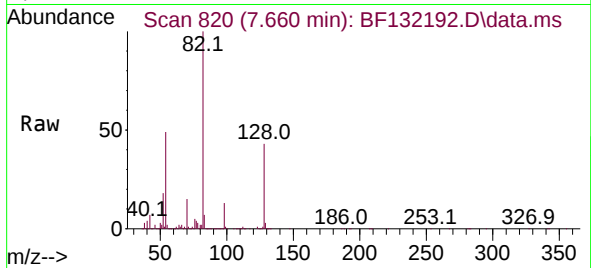
Tgt Ion:105 Resp: 1528980
Ion Ratio Lower Upper
105 100
71 5.6 5.9 8.9#
51 27.4 23.8 35.8
120 22.0 17.4 26.0





#23
Nitrobenzene-d5
Concen: 143.095 ng
RT: 7.660 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

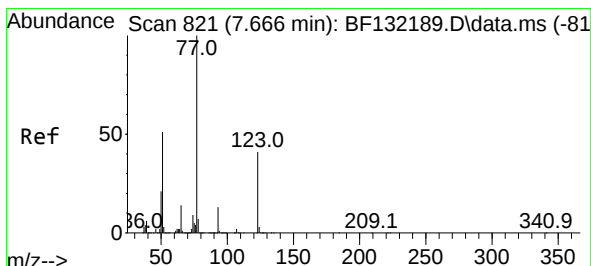
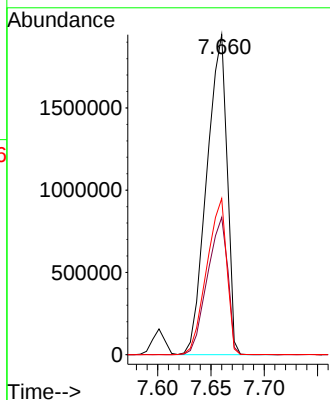
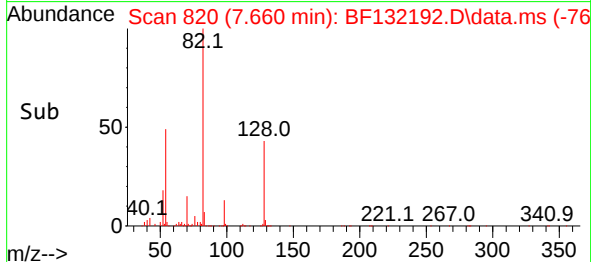
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



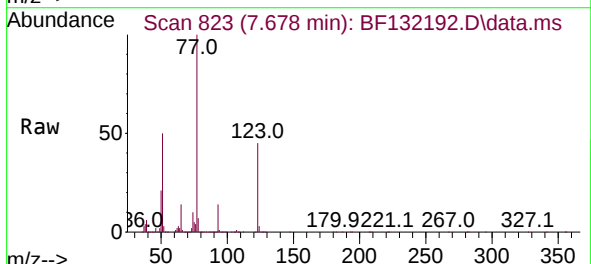
Tgt Ion: 82 Resp: 2573660
Ion Ratio Lower Upper
82 100
128 42.9 32.6 49.0
54 48.8 40.4 60.6

Manual Integrations
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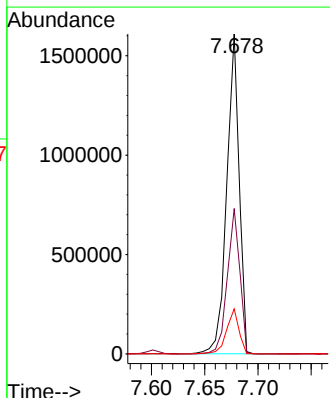
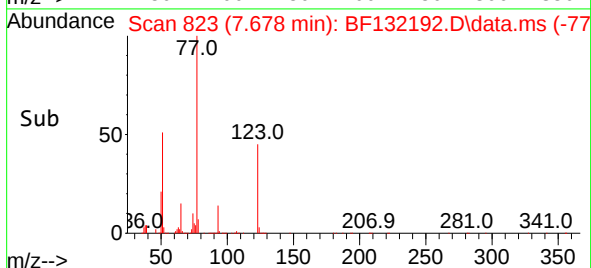
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

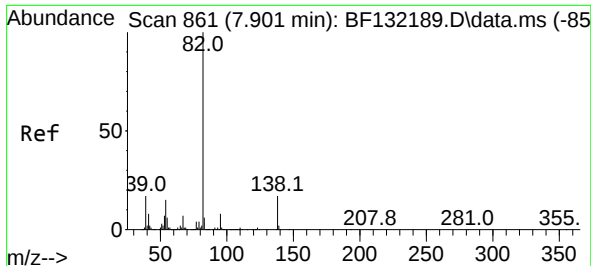


#24
Nitrobenzene
Concen: 69.056 ng
RT: 7.678 min Scan# 823
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



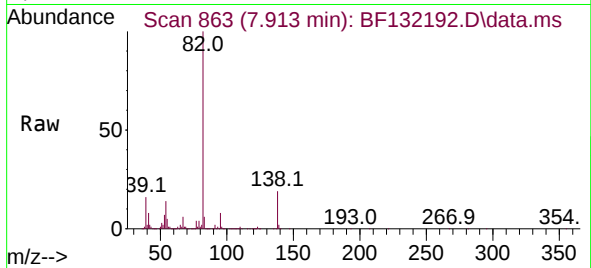
Tgt Ion: 77 Resp: 1312295
Ion Ratio Lower Upper
77 100
123 45.4 32.8 49.2
65 14.1 10.9 16.3





#25
Isophorone
Concen: 72.621 ng
RT: 7.913 min Scan# 861
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

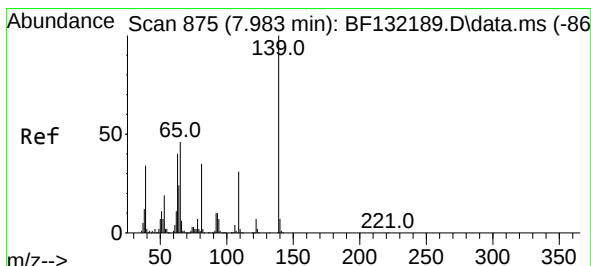
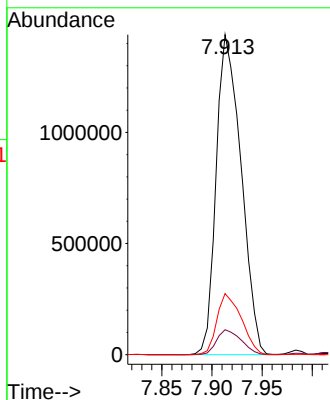
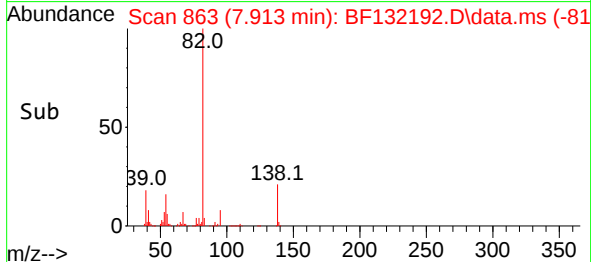
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 2487800
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.1 14.0 21.0

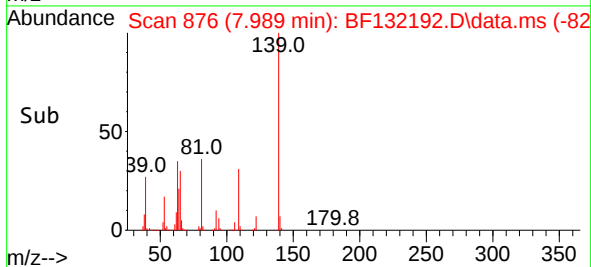
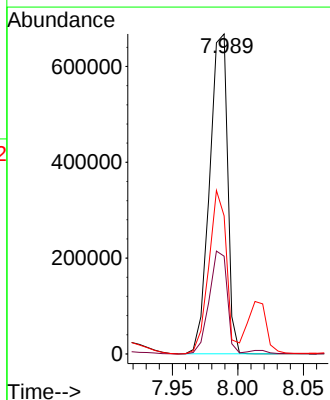
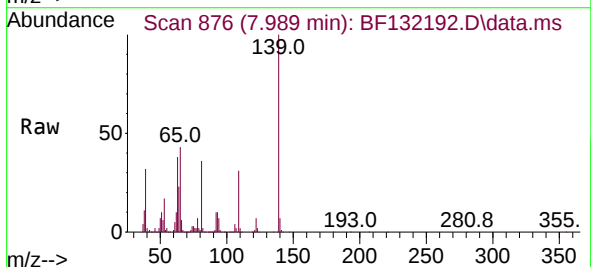
Manual Integrations
APPROVED

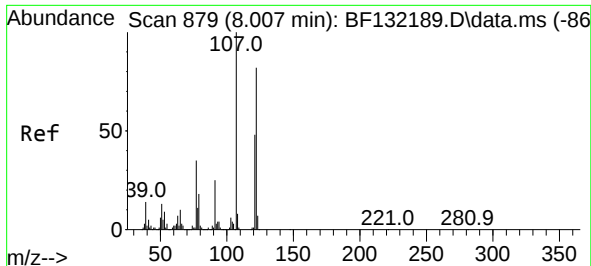
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#26
2-Nitrophenol
Concen: 91.015 ng
RT: 7.989 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Tgt Ion:139 Resp: 637398
Ion Ratio Lower Upper
139 100
109 30.5 24.6 37.0
65 43.1 36.6 54.8





#27

2,4-Dimethylphenol

Concen: 74.778 ng

RT: 8.019 min Scan# 881

Delta R.T. 0.012 min

Lab File: BF132192.D

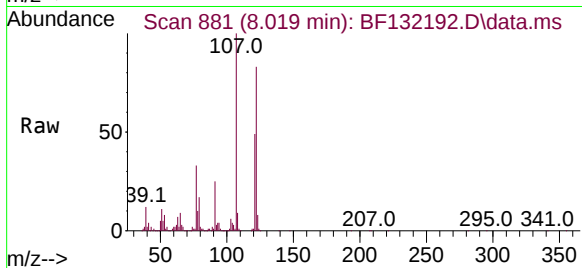
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:122 Resp: 1065915

Ion Ratio Lower Upper

122 100

107 120.0 98.0 147.0

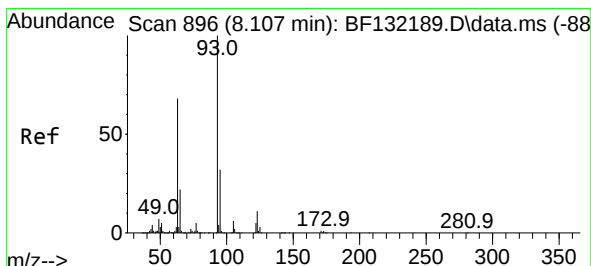
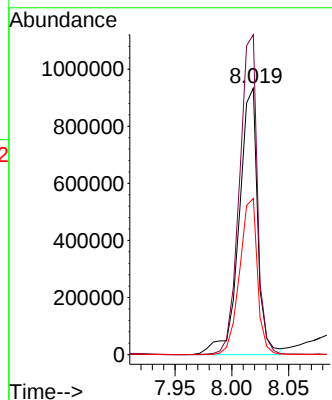
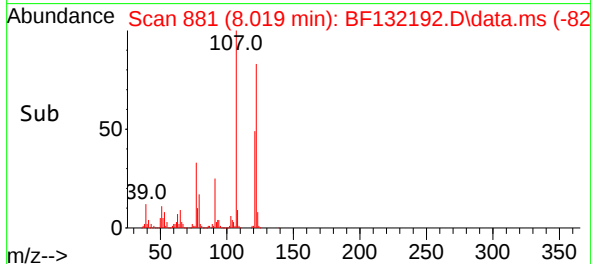
121 58.6 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 67.850 ng

RT: 8.113 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

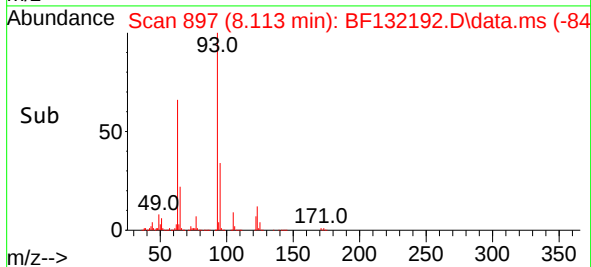
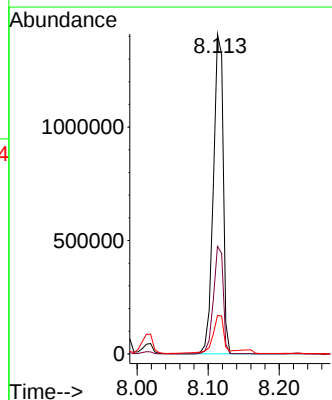
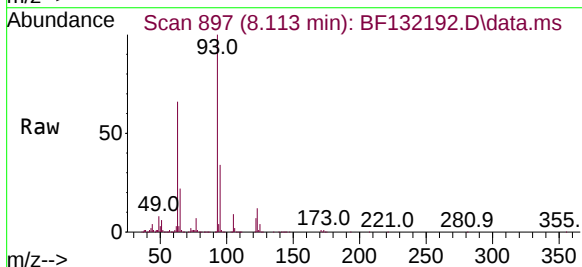
Tgt Ion: 93 Resp: 1358229

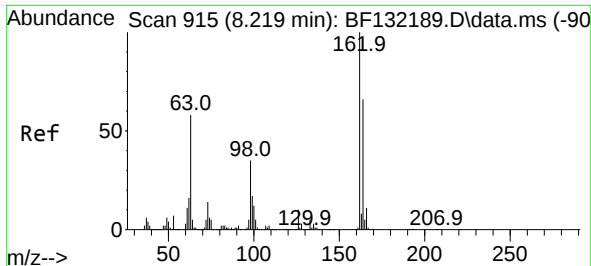
Ion Ratio Lower Upper

93 100

95 33.6 25.9 38.9

123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 75.857 ng

RT: 8.225 min Scan# 915

Delta R.T. 0.006 min

Lab File: BF132192.D

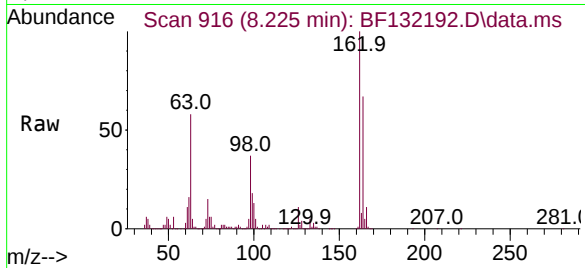
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 1083366

Ion Ratio Lower Upper

162 100

164 66.5 46.0 86.0

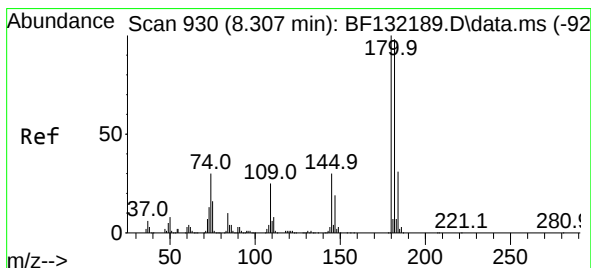
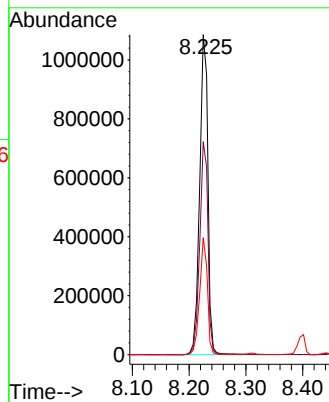
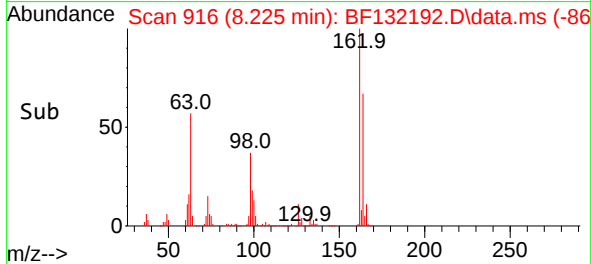
98 36.5 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 71.556 ng

RT: 8.313 min Scan# 931

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

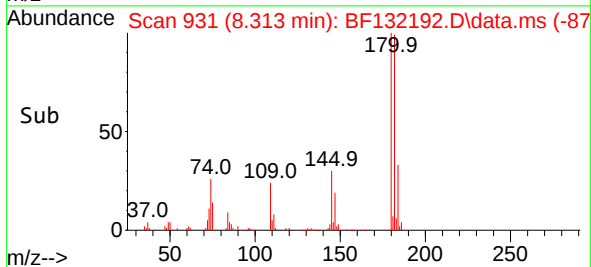
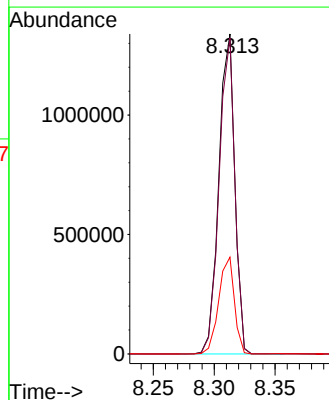
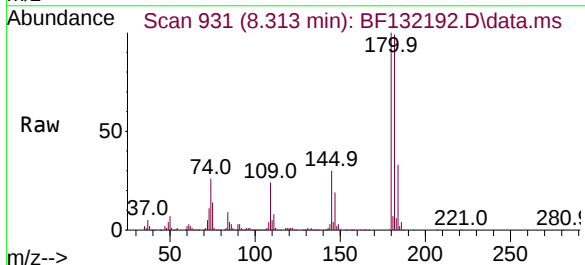
Tgt Ion:180 Resp: 1218748

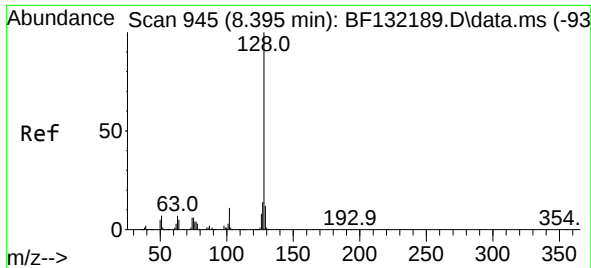
Ion Ratio Lower Upper

180 100

182 98.8 78.3 117.5

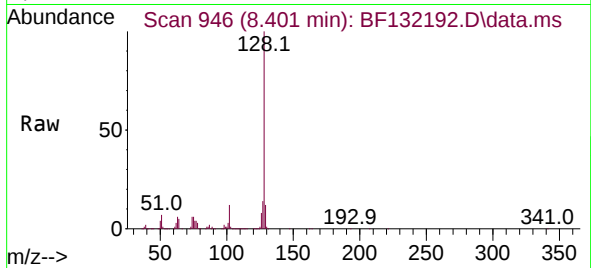
145 30.2 23.8 35.6





#31
Naphthalene
Concen: 66.439 ng
RT: 8.401 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

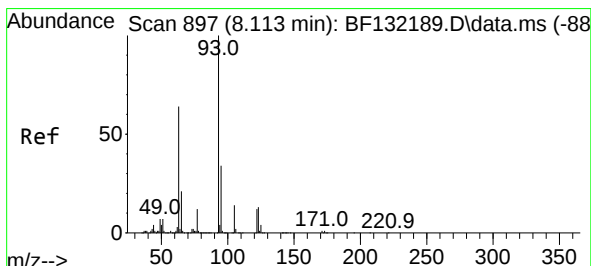
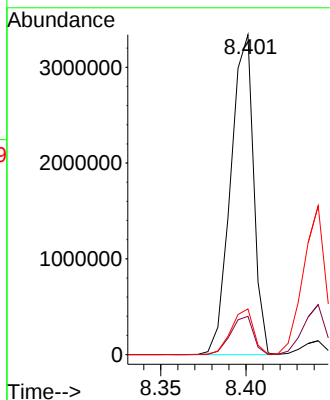
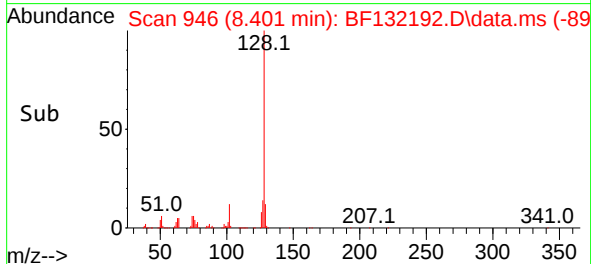
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 312368
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 14.3 11.1 16.7

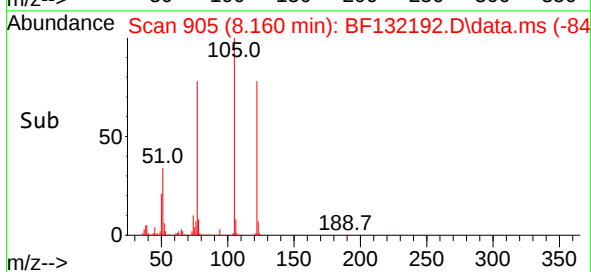
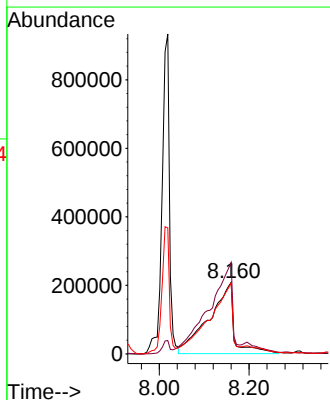
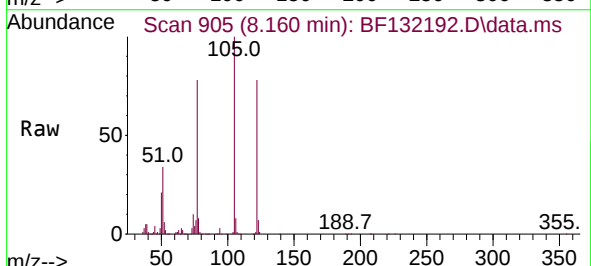
Manual Integrations
APPROVED

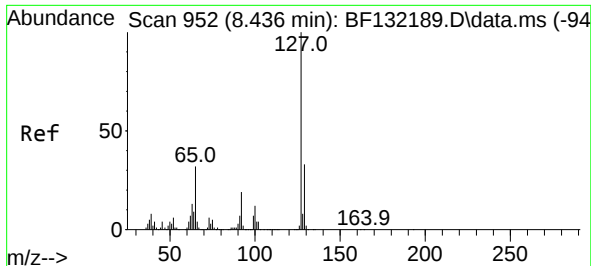
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#32
Benzoic acid
Concen: 97.923 ng m
RT: 8.160 min Scan# 905
Delta R.T. 0.047 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Tgt Ion:122 Resp: 812957
Ion Ratio Lower Upper
122 100
105 128.0 103.1 143.1
77 99.5 83.0 123.0





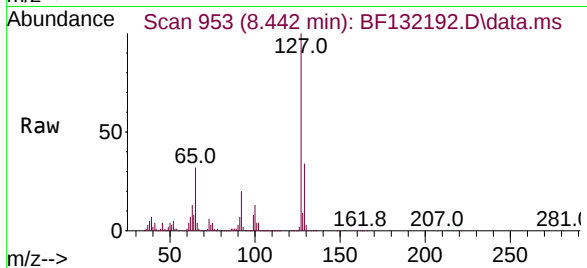
#33
4-Chloroaniline
Concen: 69.484 ng
RT: 8.442 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

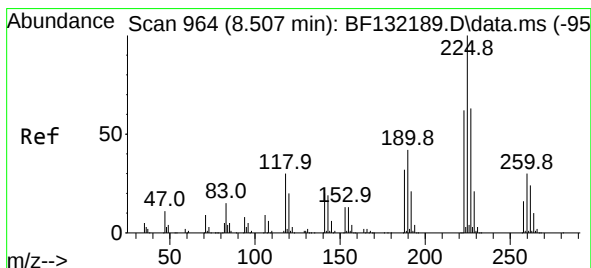
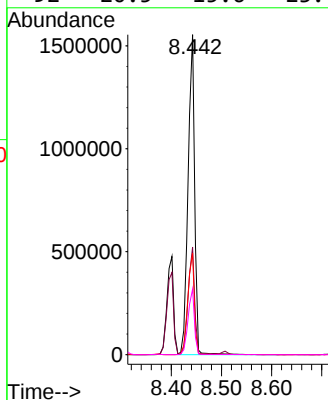
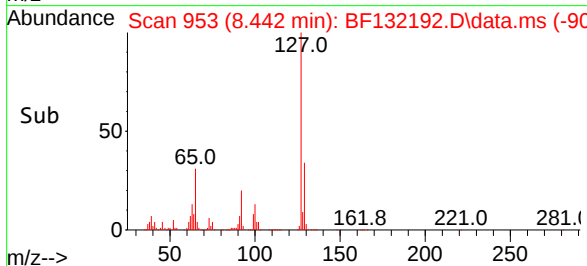


Tgt Ion:127 Resp: 1414238
Ion Ratio Lower Upper
127 100
129 33.6 26.1 39.1
65 31.7 25.5 38.3
92 20.5 15.6 23.4

Manual Integrations

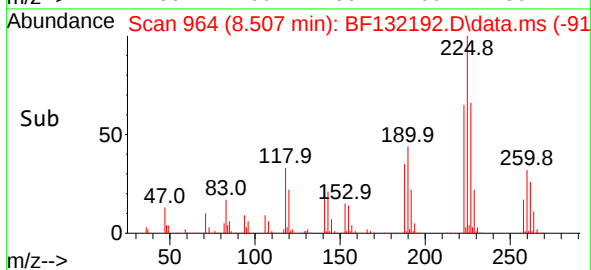
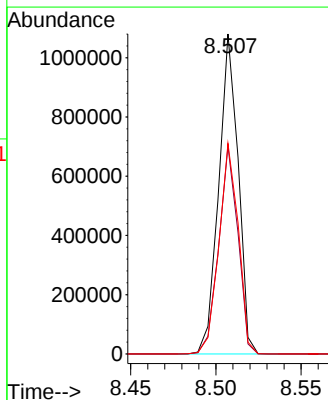
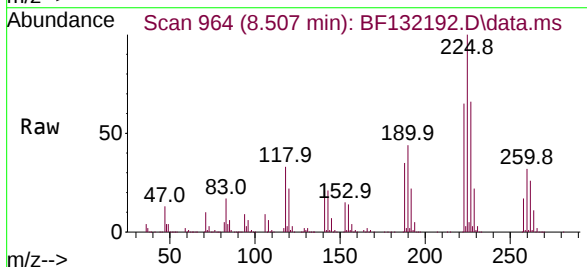
APPROVED

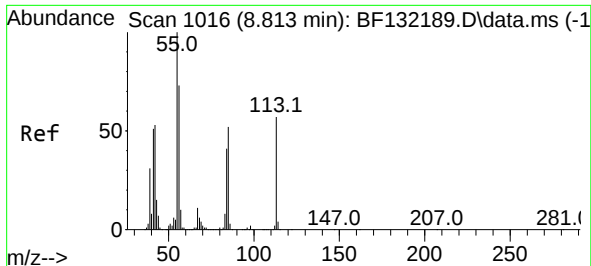
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#34
Hexachlorobutadiene
Concen: 74.300 ng
RT: 8.507 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

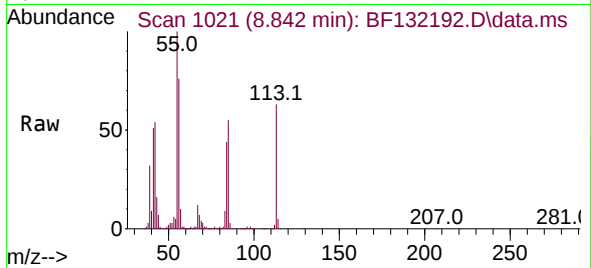
Tgt Ion:225 Resp: 852850
Ion Ratio Lower Upper
225 100
223 65.0 49.7 74.5
227 65.8 50.8 76.2





#35
Caprolactam
Concen: 84.111 ng m
RT: 8.842 min Scan# 1016
Delta R.T. 0.029 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

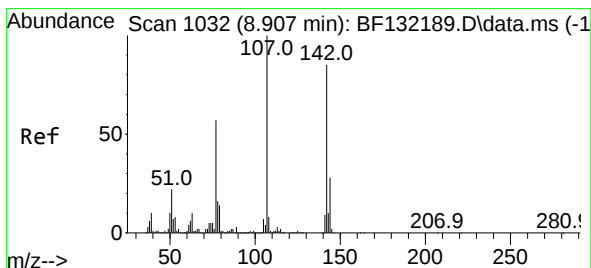
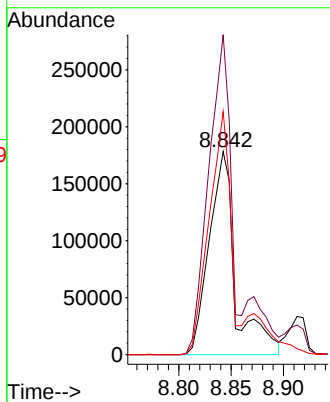
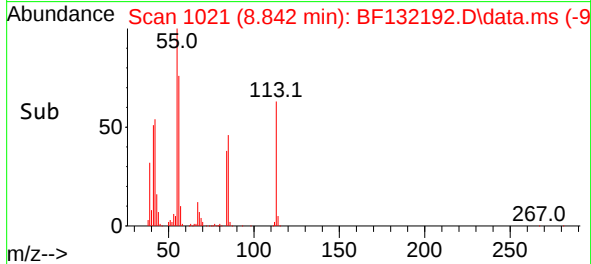
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



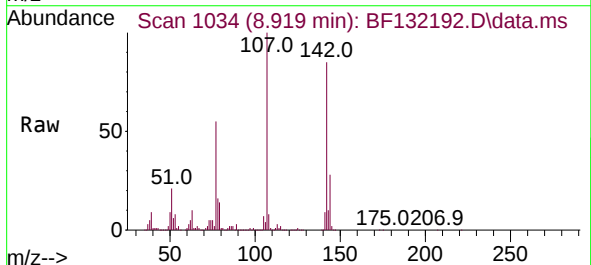
Tgt Ion:113 Resp: 30841
Ion Ratio Lower Upper
113 100
55 157.5 156.8 196.8
56 119.6 109.5 149.5

Manual Integrations
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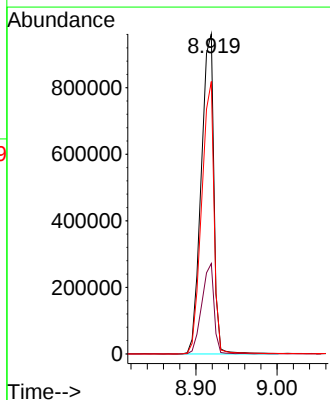
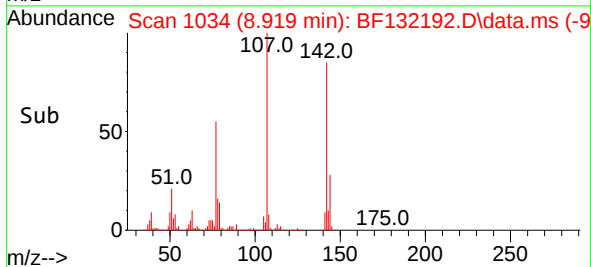
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

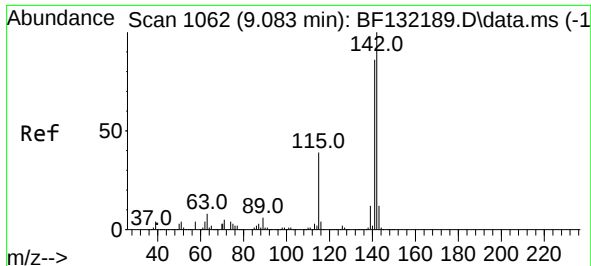


#36
4-Chloro-3-methylphenol
Concen: 74.899 ng
RT: 8.919 min Scan# 1034
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion:107 Resp: 1043281
Ion Ratio Lower Upper
107 100
144 28.2 22.3 33.5
142 85.1 67.8 101.8





#37

2-Methylnaphthalene

Concen: 67.485 ng

RT: 9.089 min Scan# 1062

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 230188

Ion Ratio Lower Upper

142 100

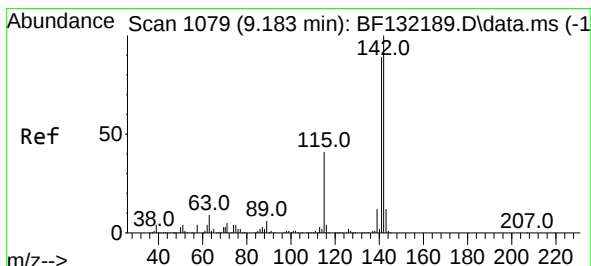
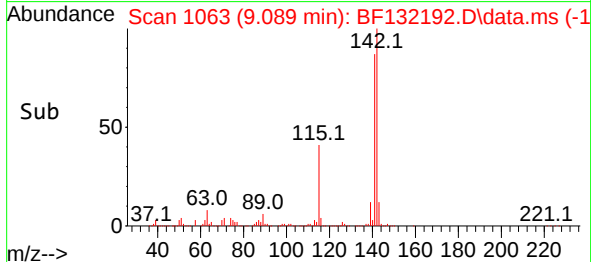
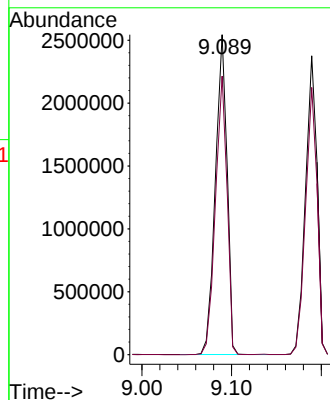
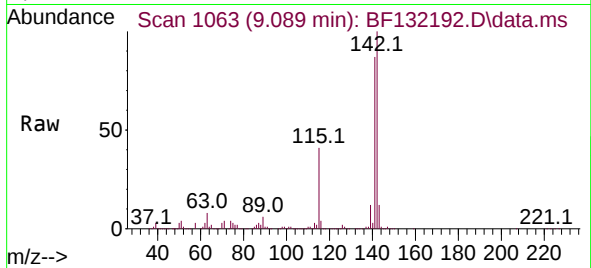
141 87.0 68.5 102.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#38

1-Methylnaphthalene

Concen: 67.870 ng

RT: 9.189 min Scan# 1080

Delta R.T. 0.006 min

Lab File: BF132192.D

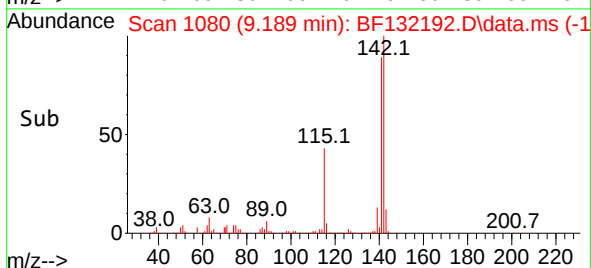
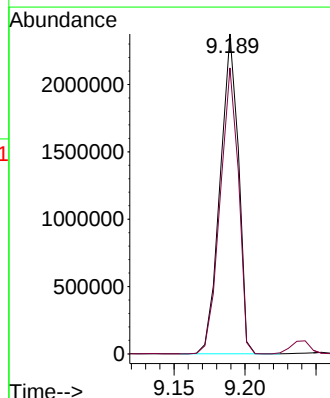
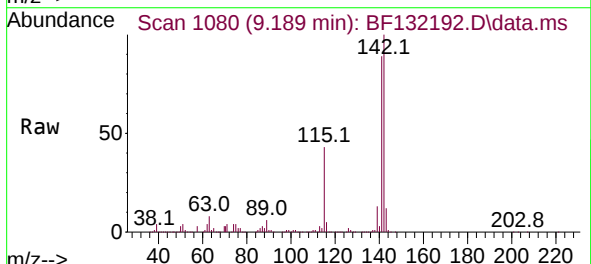
Acq: 24 Jan 2023 14:12

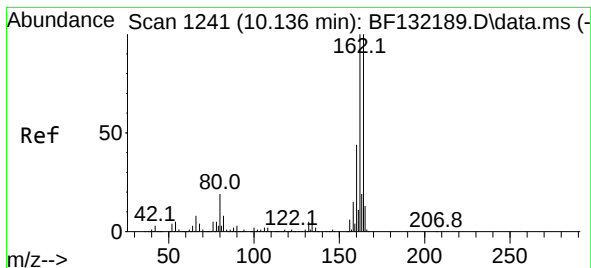
Tgt Ion:142 Resp: 2133200

Ion Ratio Lower Upper

142 100

141 89.4 71.3 106.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 10142

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 521559

Ion Ratio Lower Upper

164 100

162 101.0 79.7 119.5

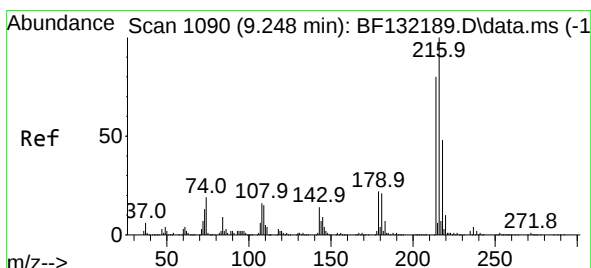
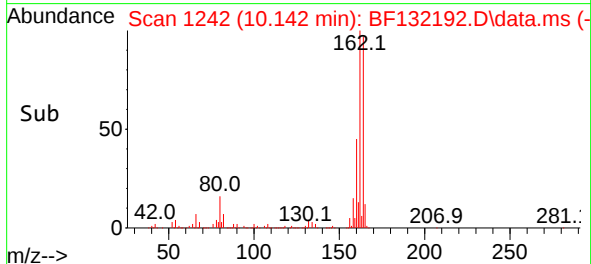
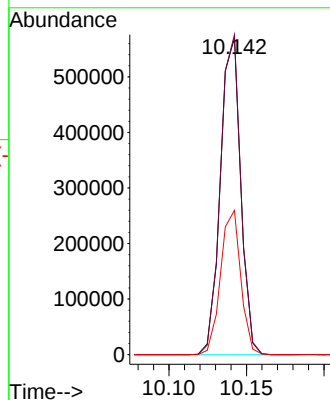
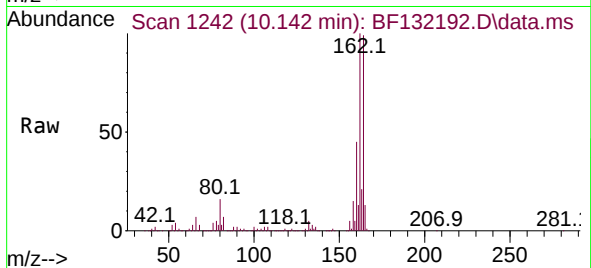
160 45.6 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 72.413 ng

RT: 9.254 min Scan# 1091

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Tgt Ion:216 Resp: 1325531

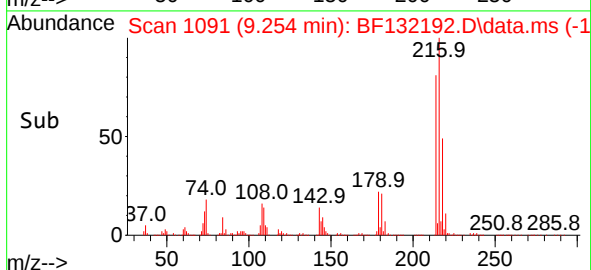
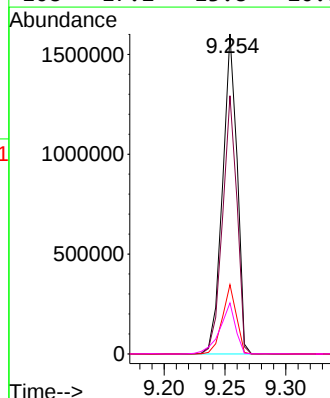
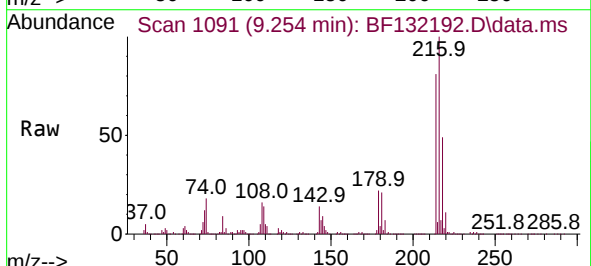
Ion Ratio Lower Upper

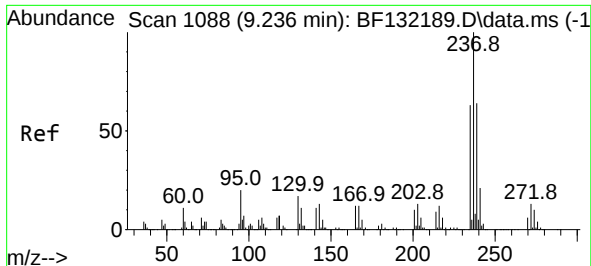
216 100

214 79.7 63.0 94.4

179 20.7 16.2 24.2

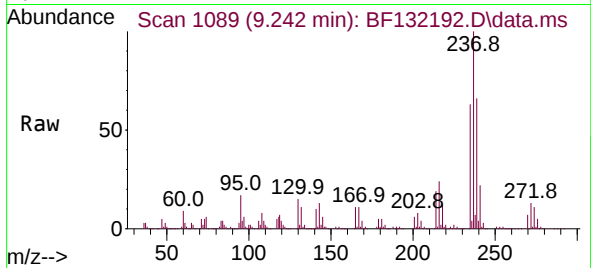
108 17.2 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 86.110 ng
RT: 9.242 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

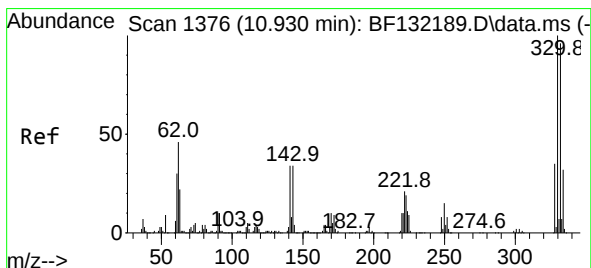
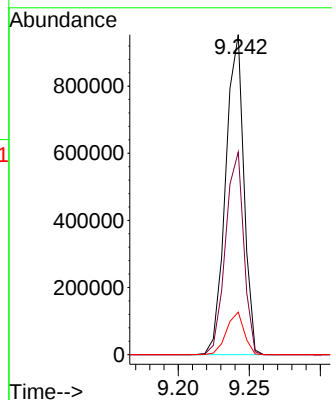
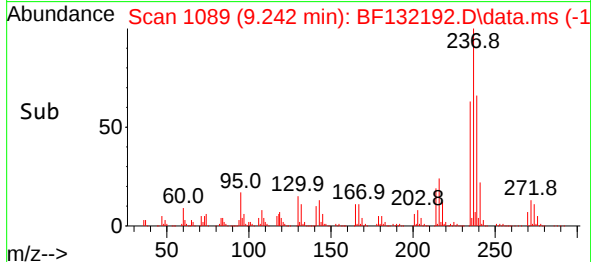
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



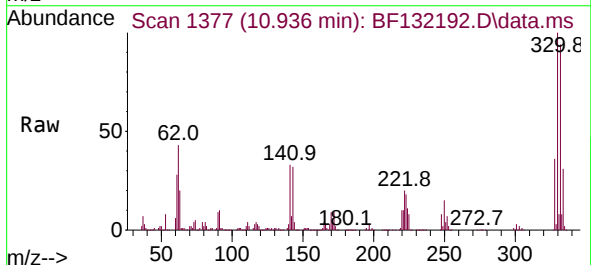
Tgt Ion: 237 Resp: 84852
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 13.3 0.0 32.5

Manual Integrations
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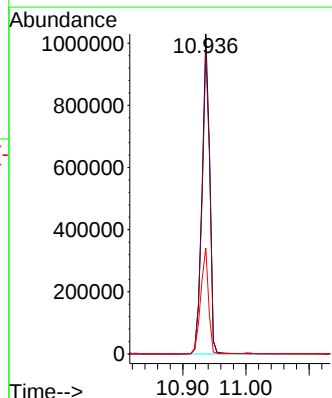
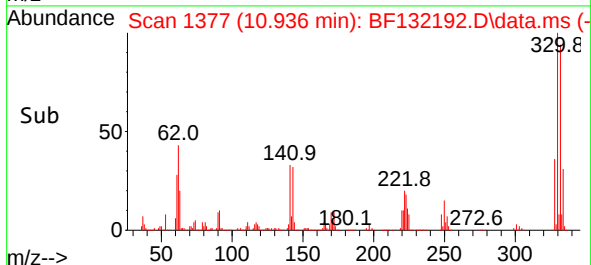
Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023

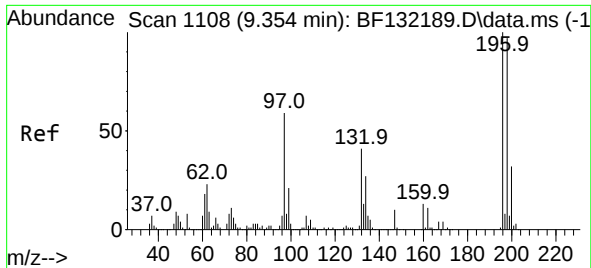


#42
2,4,6-Tribromophenol
Concen: 176.881 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



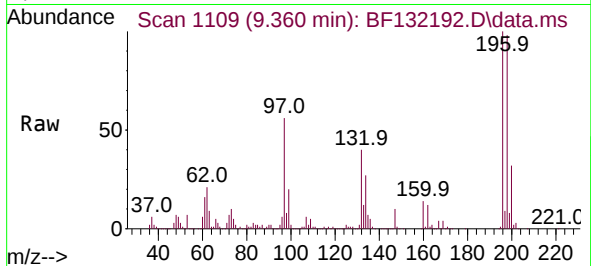
Tgt Ion: 330 Resp: 866512
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 33.7 30.5 45.7





#43
2,4,6-Trichlorophenol
Concen: 81.562 ng
RT: 9.360 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

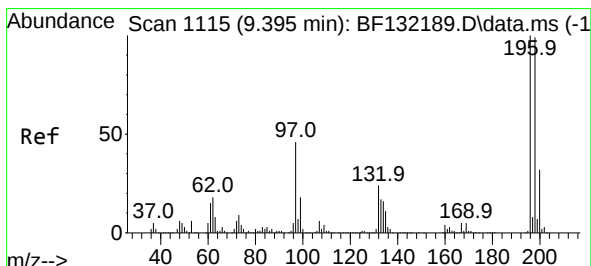
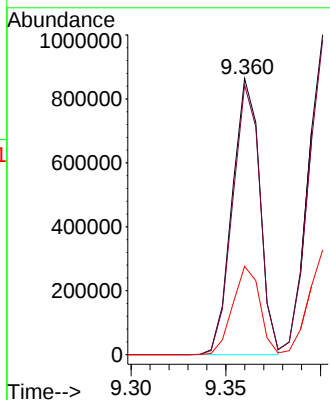
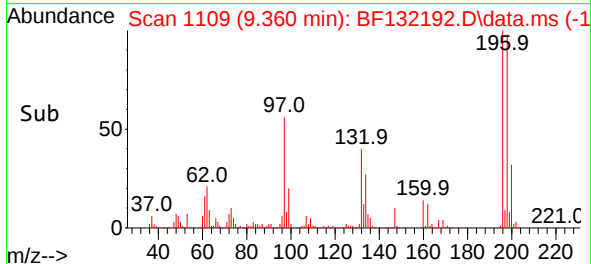
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



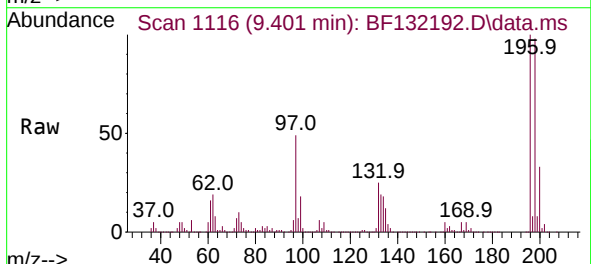
Tgt Ion:196 Resp: 873430
Ion Ratio Lower Upper
196 100
198 97.6 77.4 116.2
200 32.0 25.2 37.8

Manual Integrations
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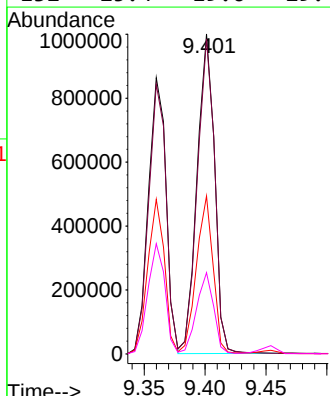
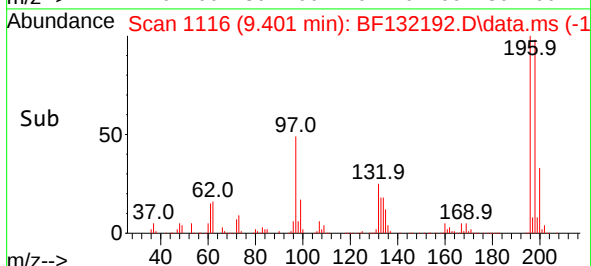
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

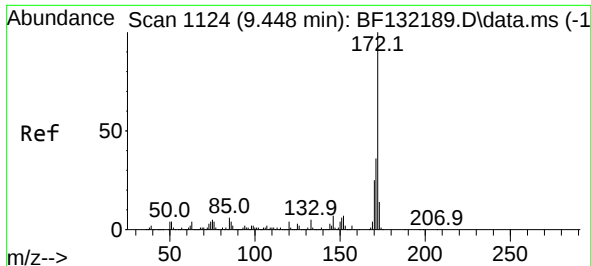


#44
2,4,5-Trichlorophenol
Concen: 79.213 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion:196 Resp: 993915
Ion Ratio Lower Upper
196 100
198 98.4 79.2 118.8
97 49.3 37.0 55.4
132 25.4 19.6 29.4





#45

2-Fluorobiphenyl

Concen: 127.806 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 4400575

Ion Ratio Lower Upper

172 100

171 39.6 29.1 43.7

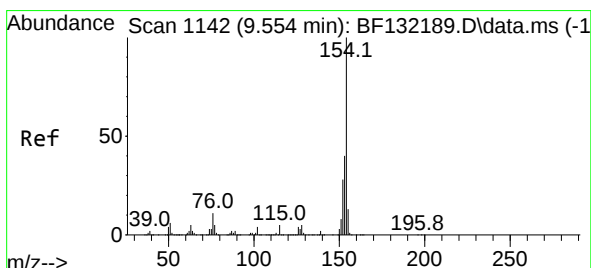
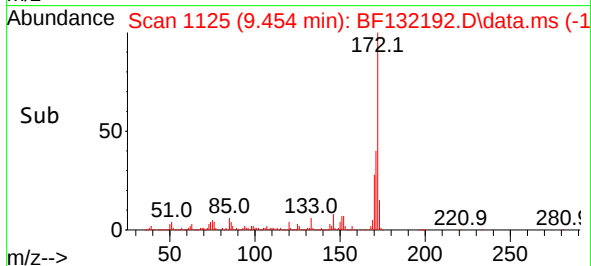
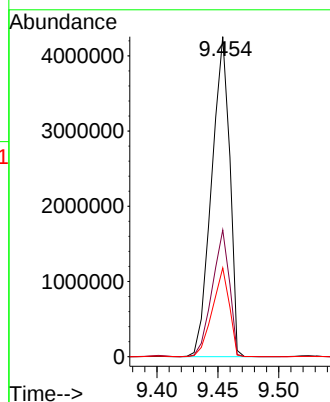
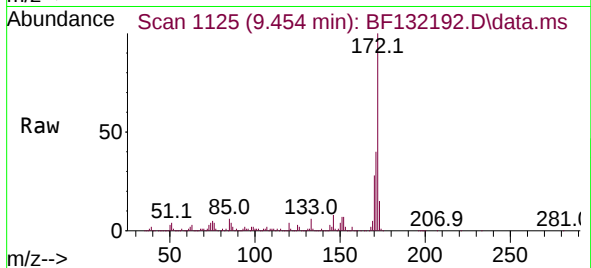
170 27.7 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#46

1,1'-Biphenyl

Concen: 67.443 ng

RT: 9.560 min Scan# 1143

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

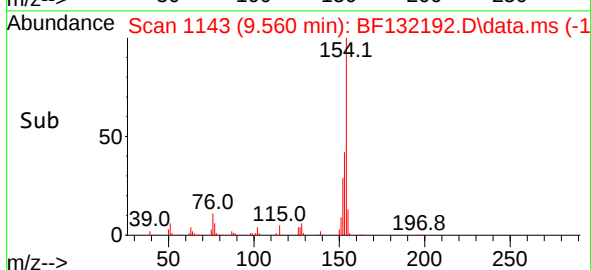
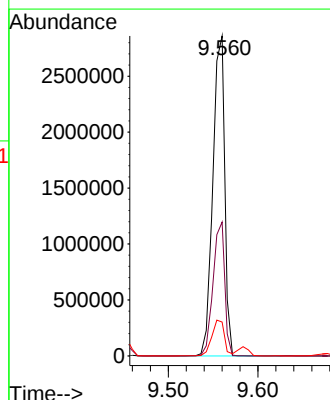
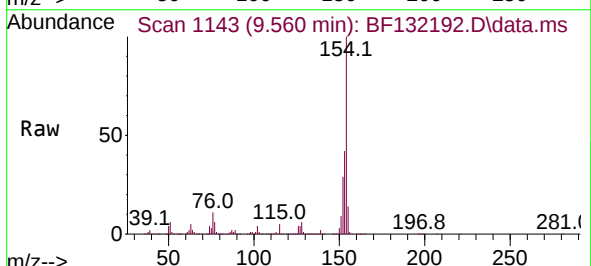
Tgt Ion:154 Resp: 2640587

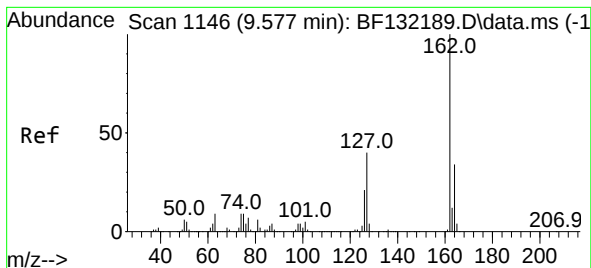
Ion Ratio Lower Upper

154 100

153 41.8 20.1 60.1

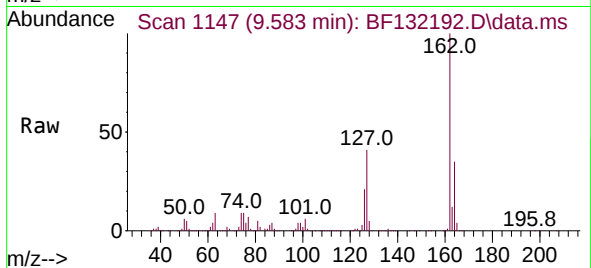
76 10.6 0.0 30.9





#47
2-Chloronaphthalene
Concen: 70.075 ng
RT: 9.583 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

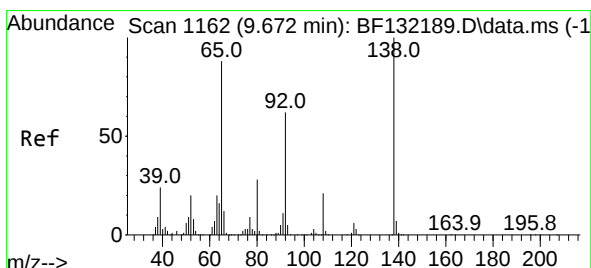
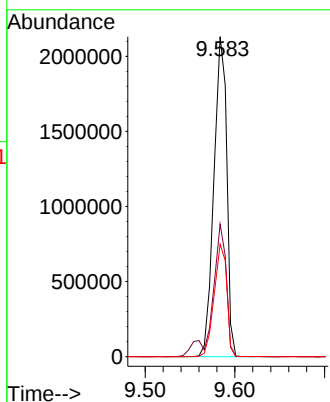
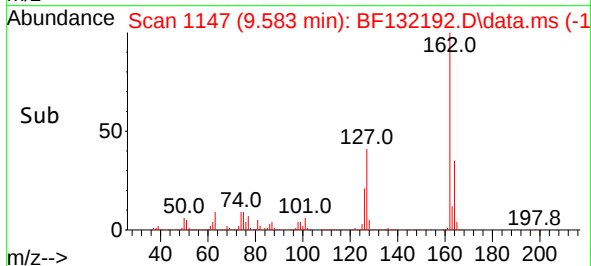
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 162 Resp: 2136872
Ion Ratio Lower Upper
162 100
127 41.4 32.0 48.0
164 35.1 27.4 41.2

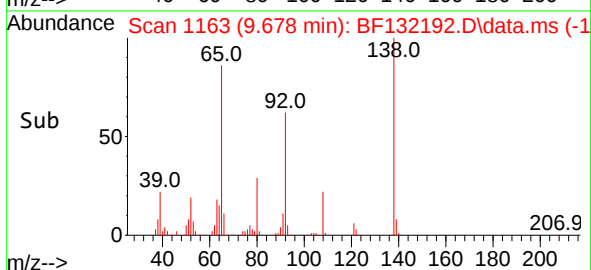
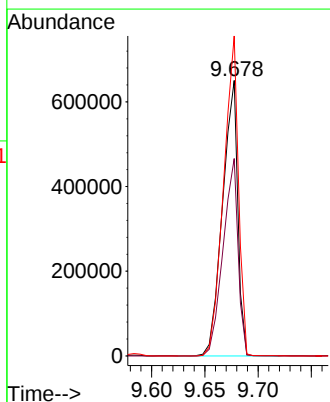
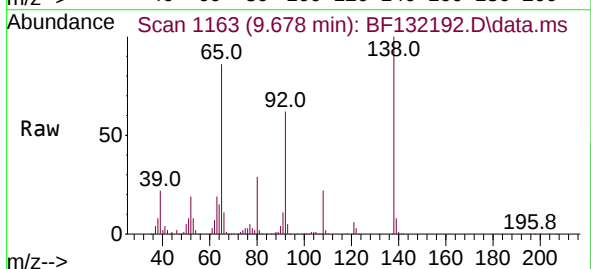
Manual Integrations
APPROVED

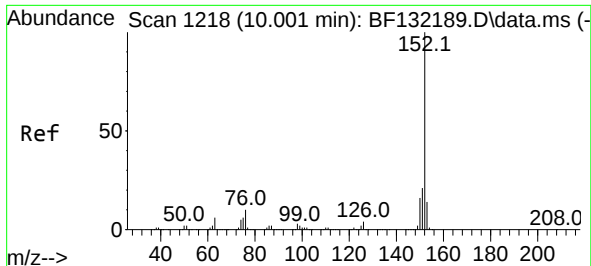
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#48
2-Nitroaniline
Concen: 82.346 ng
RT: 9.678 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

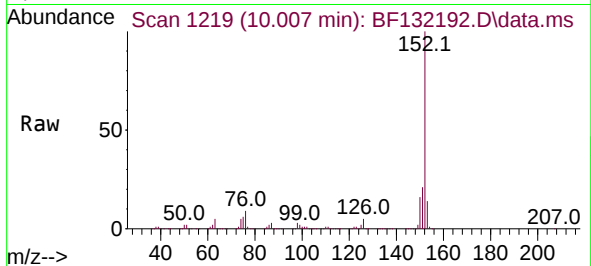
Tgt Ion: 65 Resp: 647194
Ion Ratio Lower Upper
65 100
92 71.7 56.2 84.2
138 116.2 90.8 136.2





#49
Acenaphthylene
Concen: 67.575 ng
RT: 10.007 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

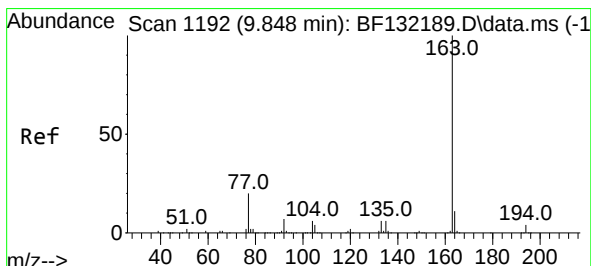
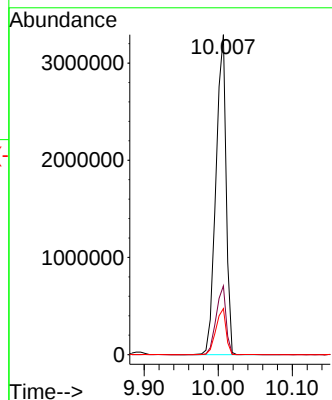
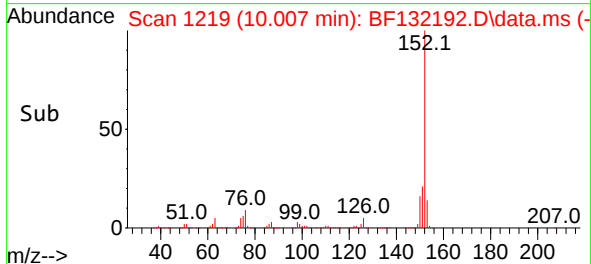
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



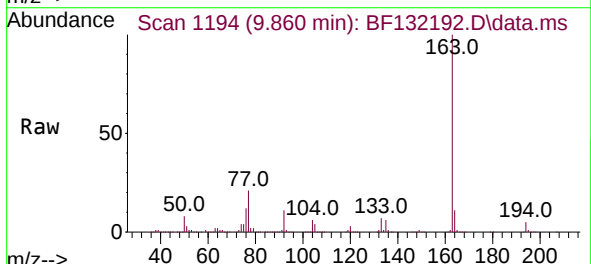
Tgt Ion:152 Resp: 314544
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0
153 14.4 11.3 16.9

Manual Integrations
APPROVED

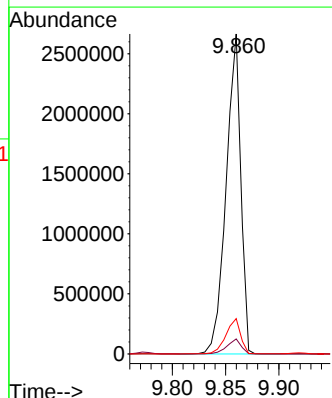
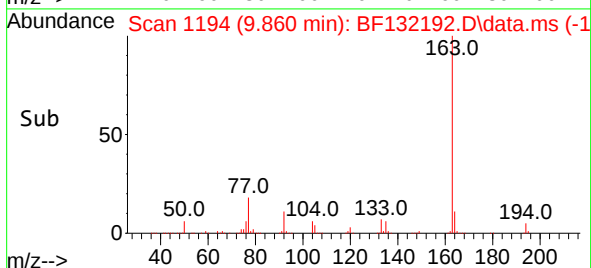
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

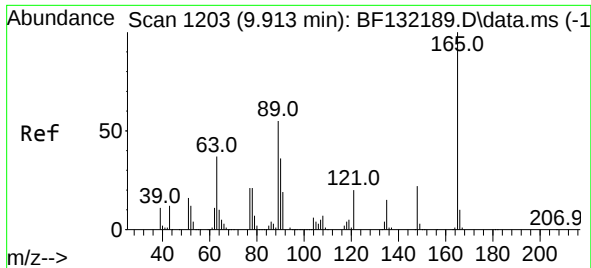


#50
Dimethylphthalate
Concen: 73.673 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



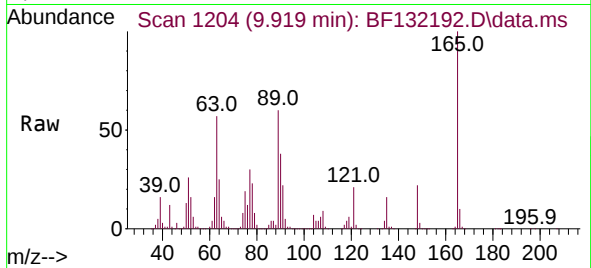
Tgt Ion:163 Resp: 2563729
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 11.1 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 82.990 ng
RT: 9.919 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

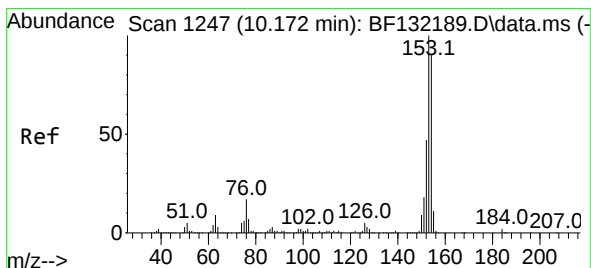
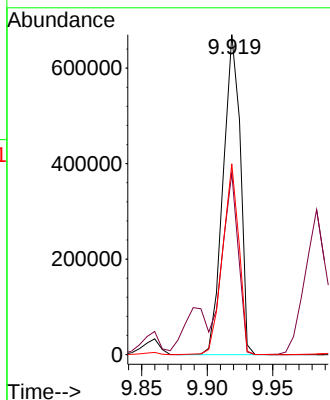
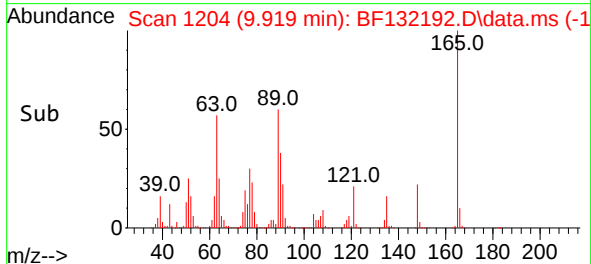
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



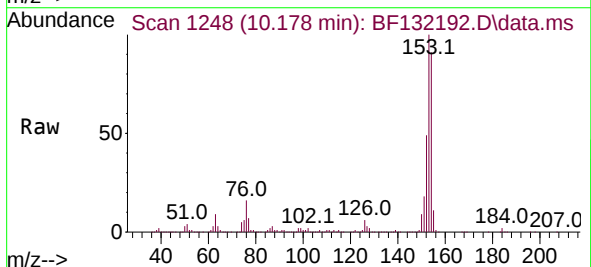
Tgt Ion:165 Resp: 611982
Ion Ratio Lower Upper
165 100
63 56.7 42.4 63.6
89 59.6 44.2 66.4

Manual Integrations
APPROVED

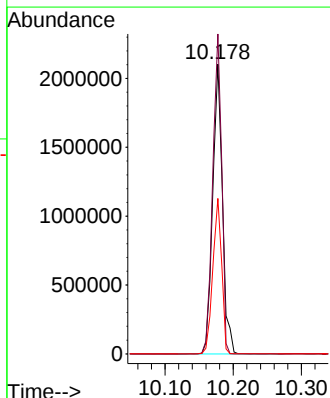
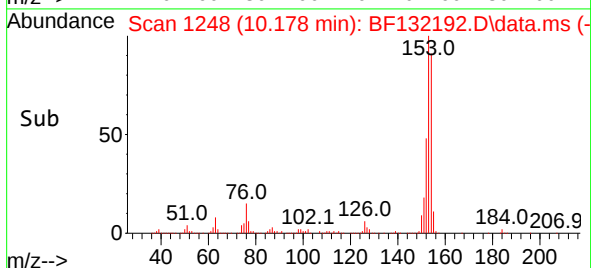
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

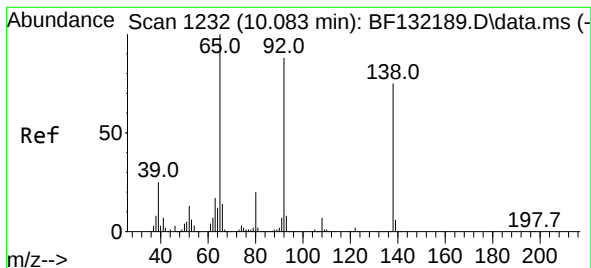


#52
Acenaphthene
Concen: 70.942 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion:154 Resp: 2082681
Ion Ratio Lower Upper
154 100
153 110.4 88.7 133.1
152 53.6 41.7 62.5





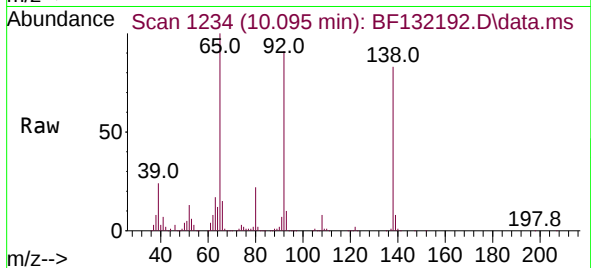
#53
3-Nitroaniline
Concen: 79.455 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

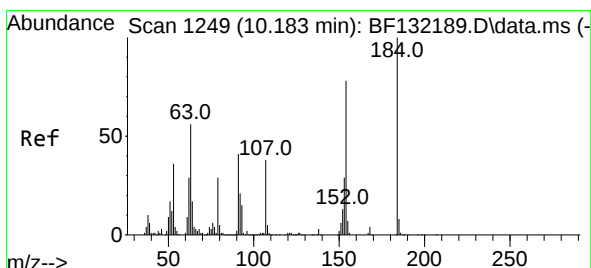
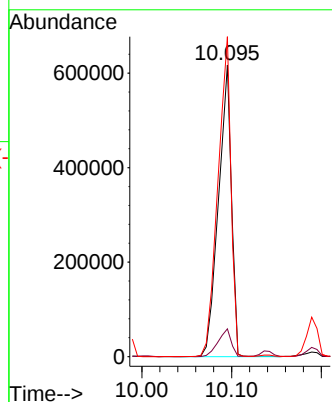
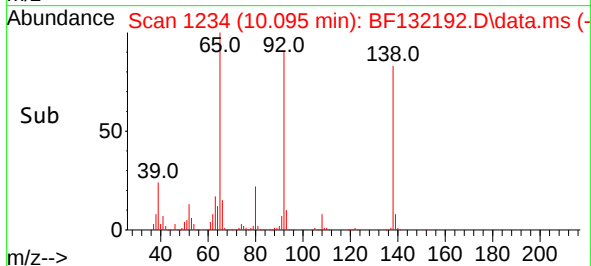


Tgt Ion:138 Resp: 619273
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 109.7 94.5 141.7

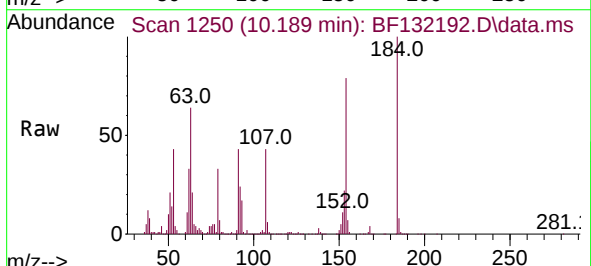
Manual Integrations

APPROVED

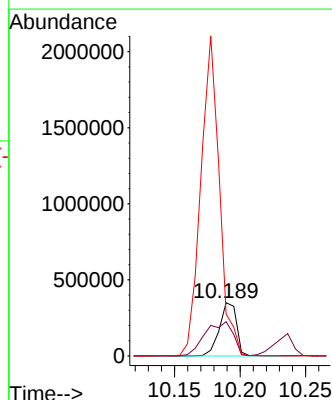
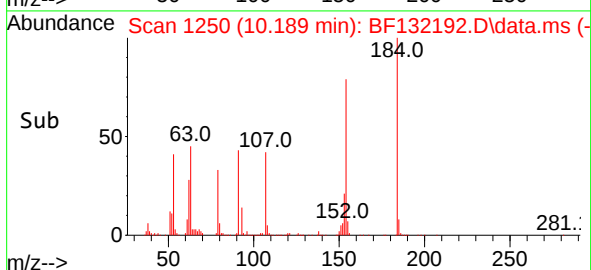
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

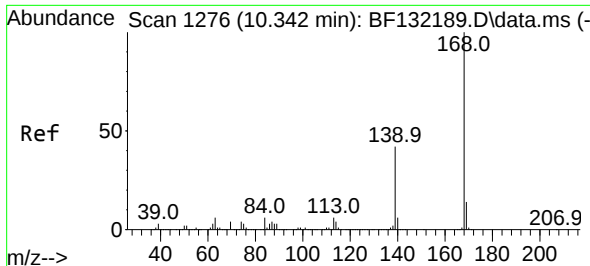


#54
2,4-Dinitrophenol
Concen: 94.612 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



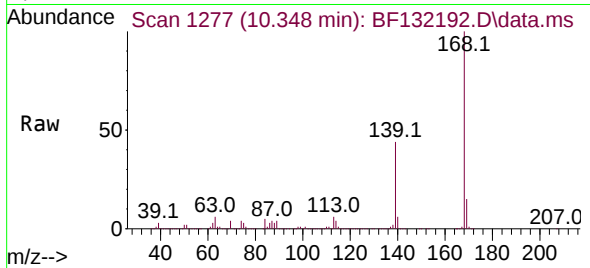
Tgt Ion:184 Resp: 318544
Ion Ratio Lower Upper
184 100
63 64.1 45.8 68.8
154 78.7 69.0 103.6





#55
Dibenzenofuran
Concen: 68.032 ng
RT: 10.348 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

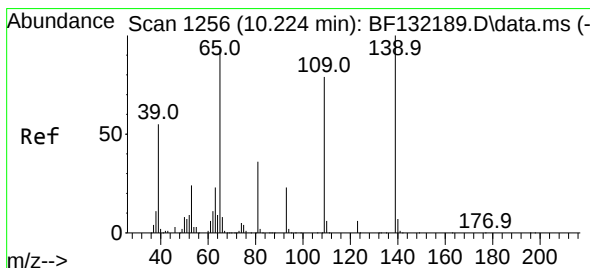
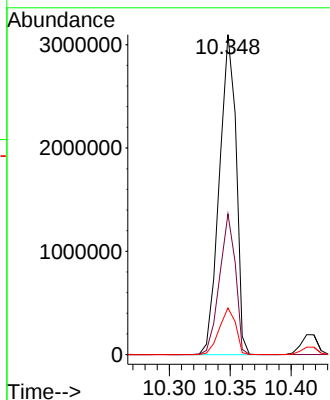
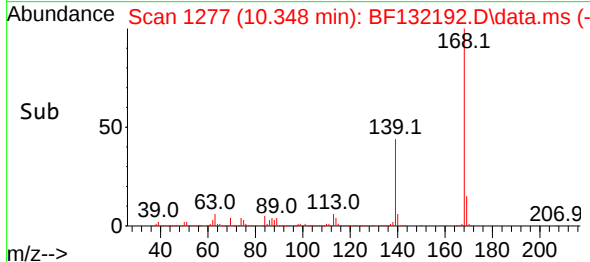
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 2972025
Ion Ratio Lower Upper
168 100
139 44.0 33.4 50.2
169 14.6 11.4 17.0

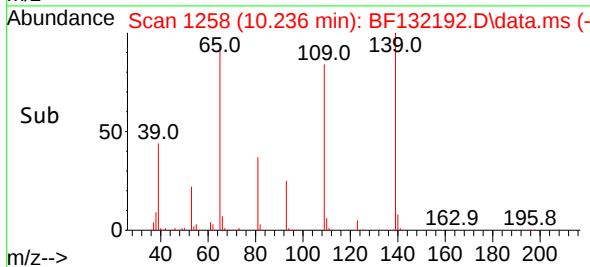
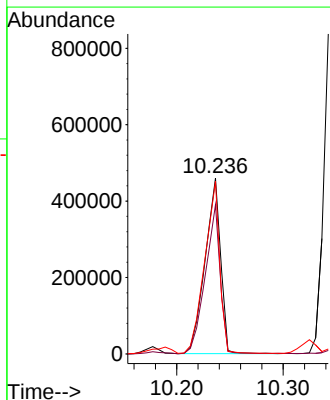
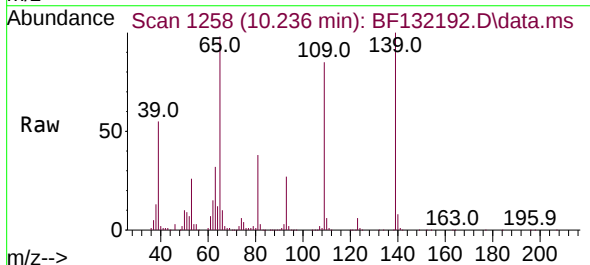
Manual Integrations
APPROVED

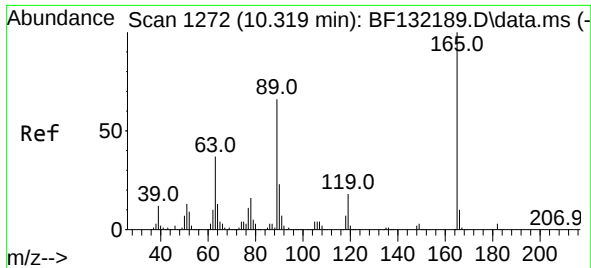
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#56
4-Nitrophenol
Concen: 86.607 ng
RT: 10.236 min Scan# 1258
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

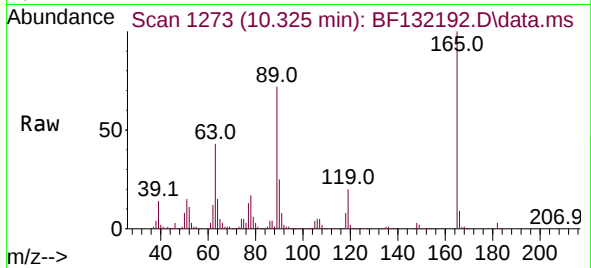
Tgt Ion:139 Resp: 467820
Ion Ratio Lower Upper
139 100
109 84.9 59.5 99.5
65 98.1 74.0 114.0





#57
2,4-Dinitrotoluene
Concen: 86.475 ng
RT: 10.325 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

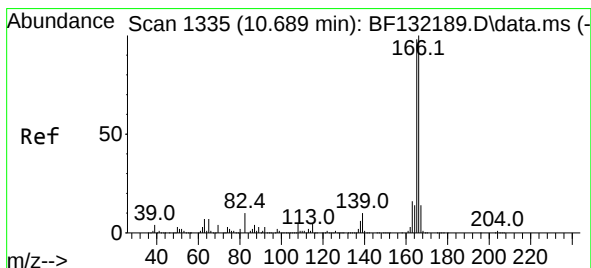
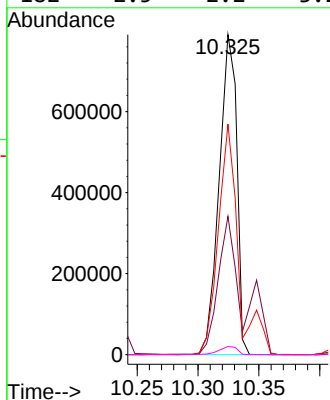
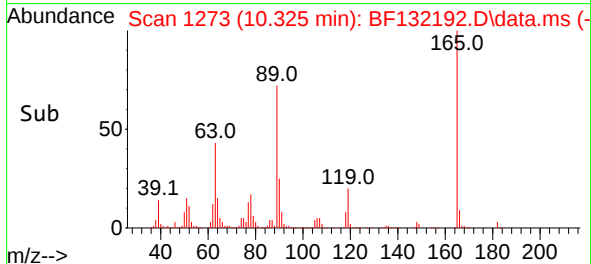
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



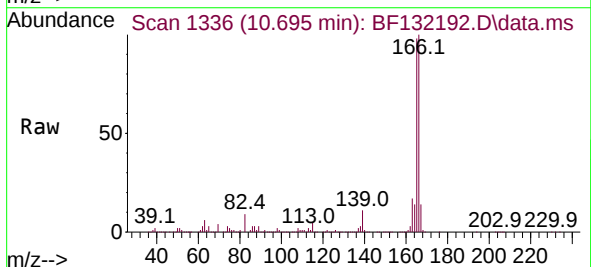
Tgt Ion:165 Resp: 793897
Ion Ratio Lower Upper
165 100
63 43.2 29.8 44.8
89 72.0 53.0 79.4
182 2.5 2.2 3.2

Manual Integrations
APPROVED

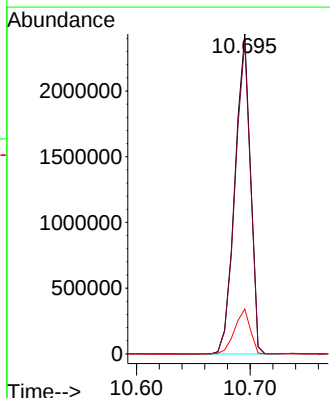
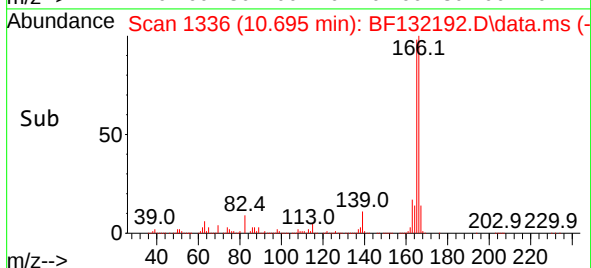
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

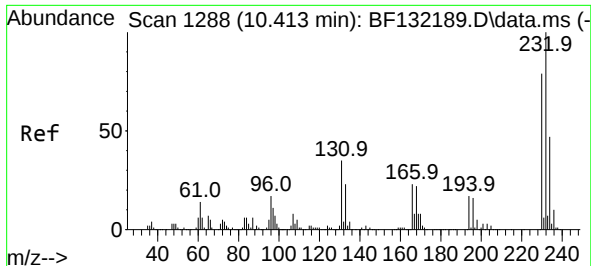


#58
Fluorene
Concen: 68.135 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



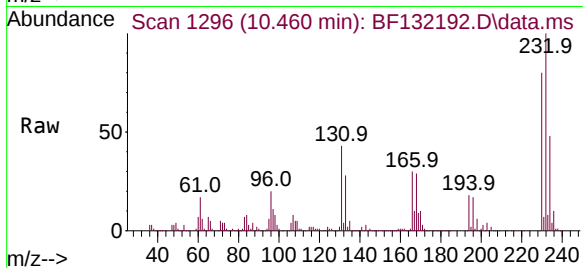
Tgt Ion:166 Resp: 2299453
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 14.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 82.818 ng m
RT: 10.460 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

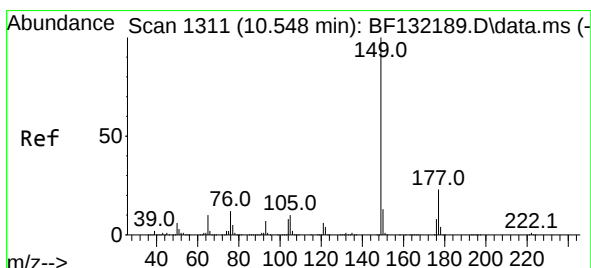
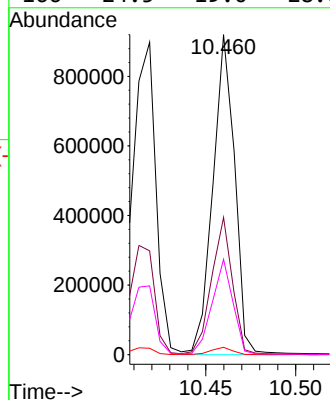
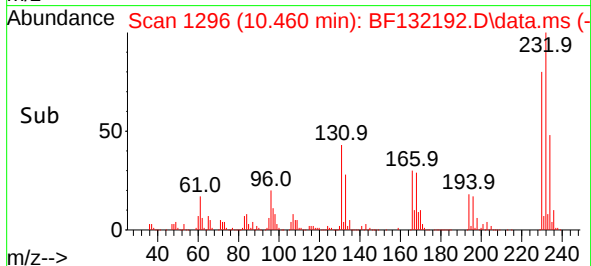
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 776652
Ion Ratio Lower Upper
232 100
131 38.7 30.3 45.5
130 2.3 1.8 2.6
166 24.5 19.0 28.6

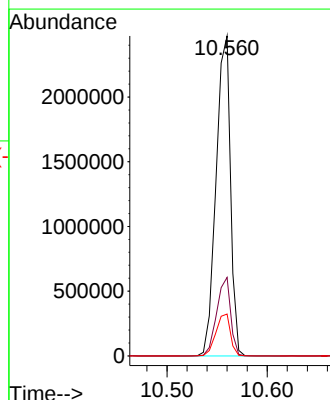
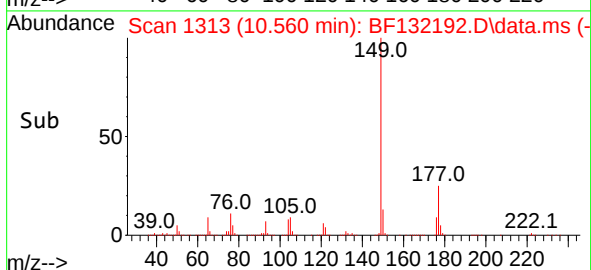
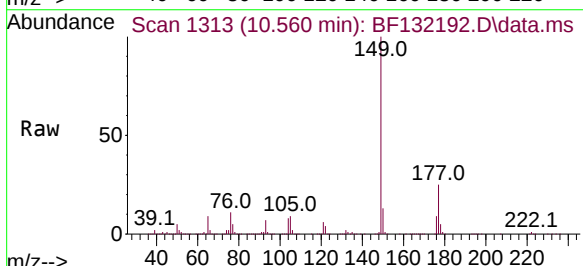
Manual Integrations
APPROVED

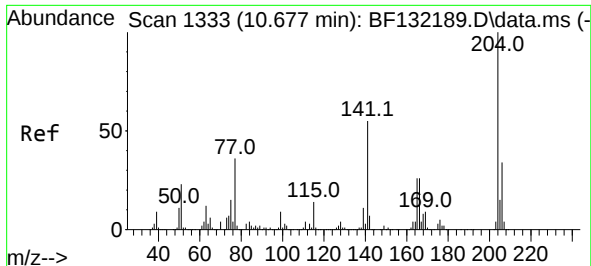
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#60
Diethylphthalate
Concen: 74.028 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

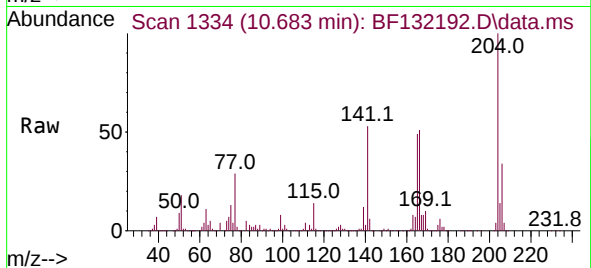
Tgt Ion:149 Resp: 2467188
Ion Ratio Lower Upper
149 100
177 24.5 18.2 27.4
150 13.1 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 70.373 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

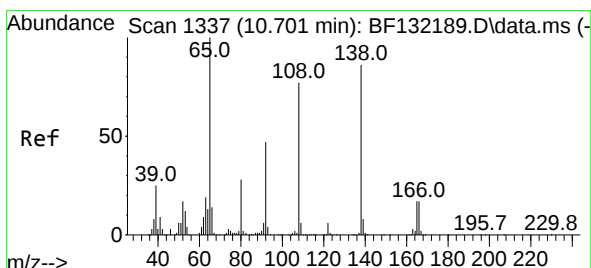
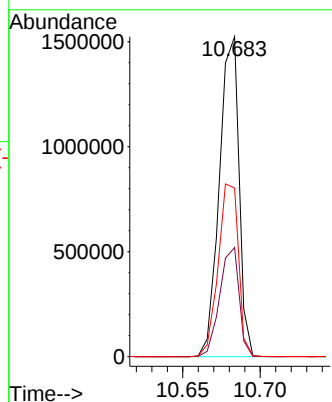
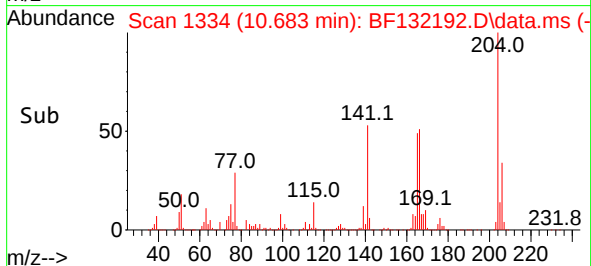
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 134380
Ion Ratio Lower Upper
204 100
206 34.1 26.9 40.3
141 52.7 43.6 65.4

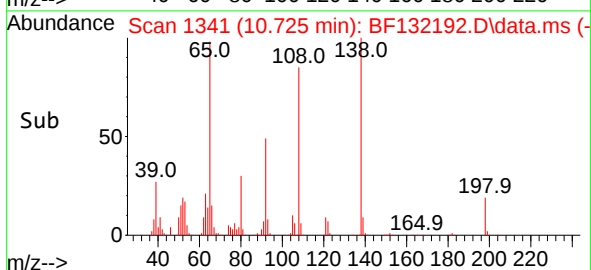
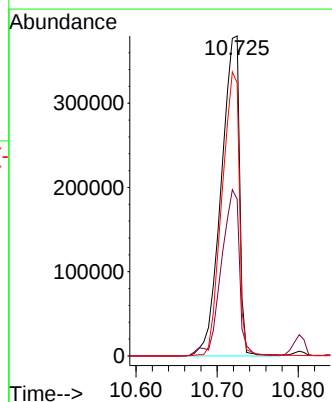
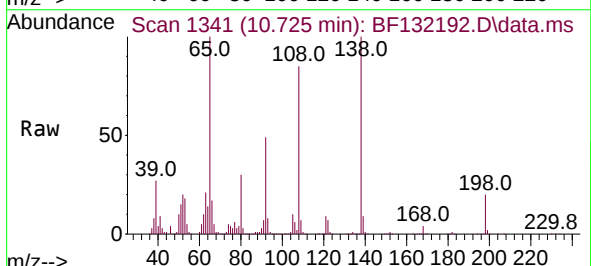
Manual Integrations
APPROVED

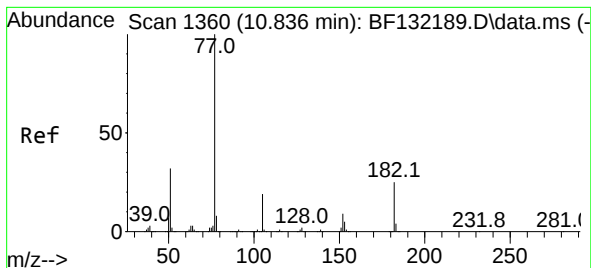
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#62
4-Nitroaniline
Concen: 79.076 ng
RT: 10.725 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

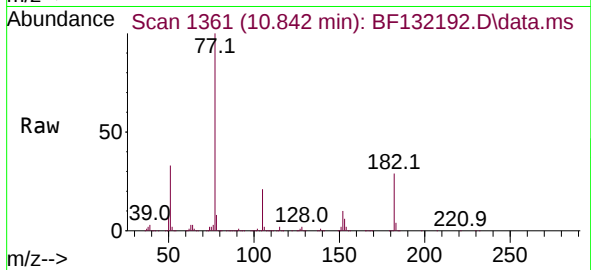
Tgt Ion:138 Resp: 594528
Ion Ratio Lower Upper
138 100
92 49.0 34.3 74.3
108 85.3 69.6 109.6





#63
Azobenzene
Concen: 64.920 ng
RT: 10.842 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

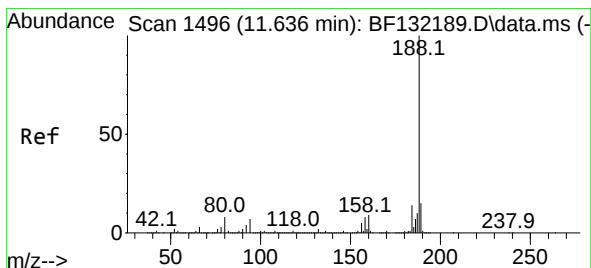
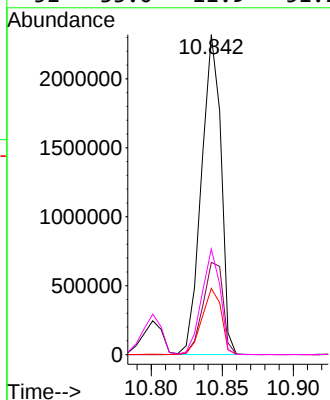
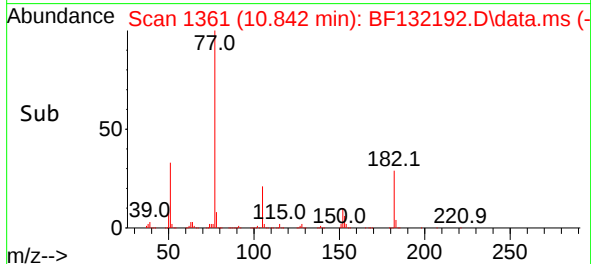
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 221132
Ion Ratio Lower Upper
77 100
182 28.8 5.1 45.1
105 20.7 0.0 38.7
51 33.0 11.9 51.9

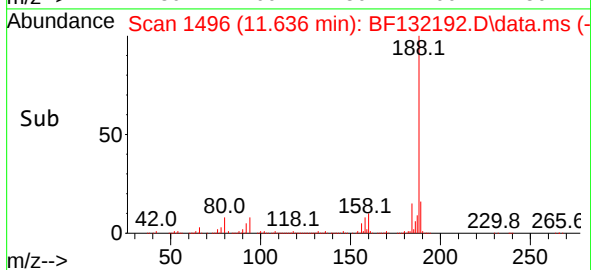
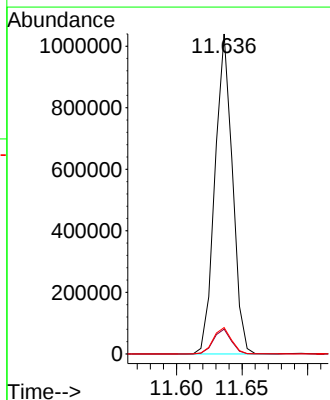
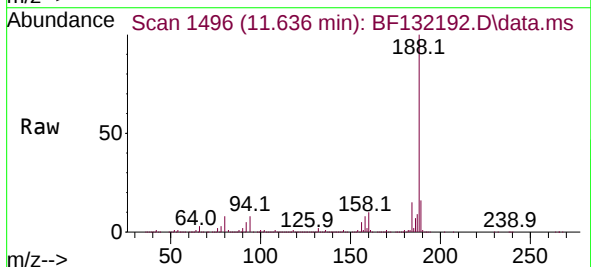
Manual Integrations
APPROVED

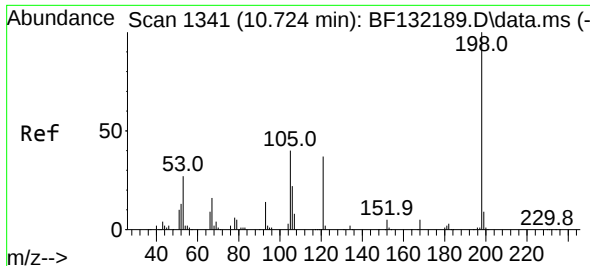
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.636 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

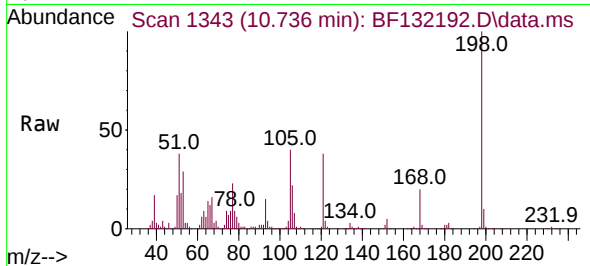
Tgt Ion:188 Resp: 967636
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.2 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 93.150 ng
RT: 10.736 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

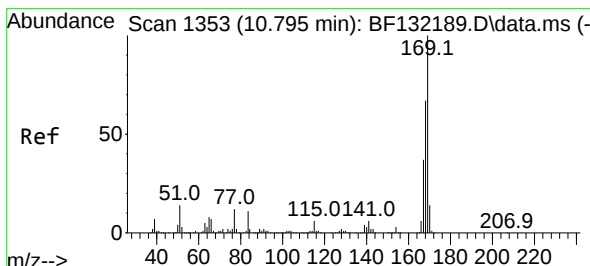
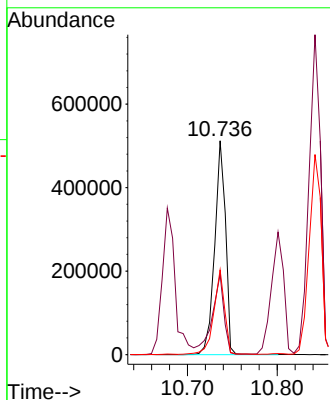
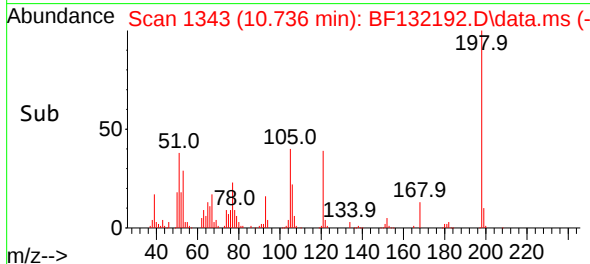
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



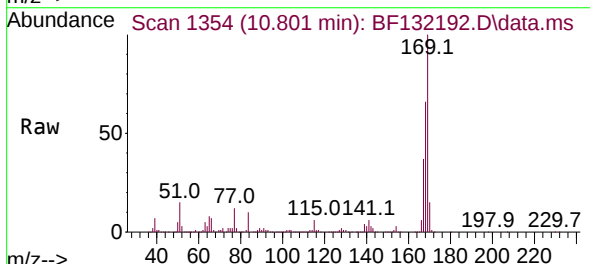
Tgt Ion:198 Resp: 435252
Ion Ratio Lower Upper
198 100
51 37.6 18.6 58.6
105 39.6 19.9 59.9

Manual Integrations
APPROVED

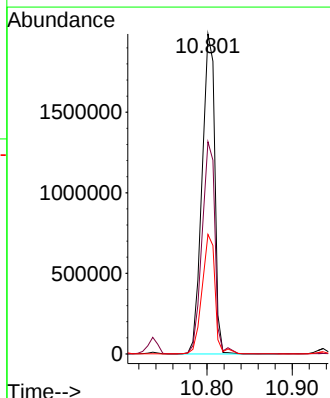
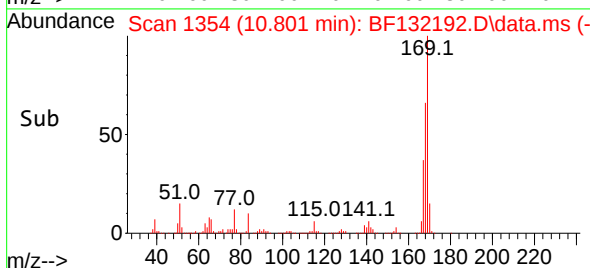
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

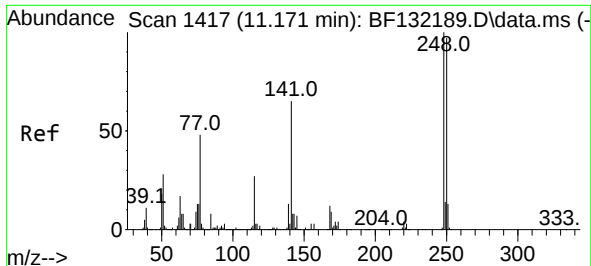


#66
n-Nitrosodiphenylamine
Concen: 71.312 ng
RT: 10.801 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



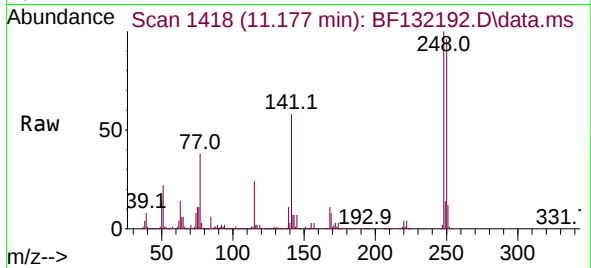
Tgt Ion:169 Resp: 2054894
Ion Ratio Lower Upper
169 100
168 66.3 53.6 80.4
167 37.3 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 77.631 ng
RT: 11.177 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

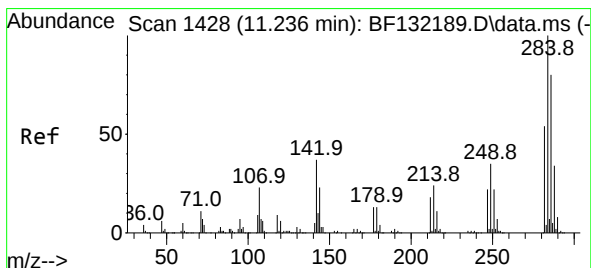
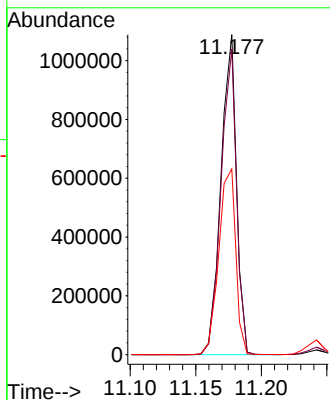
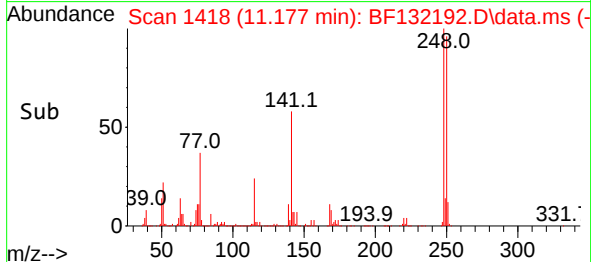
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



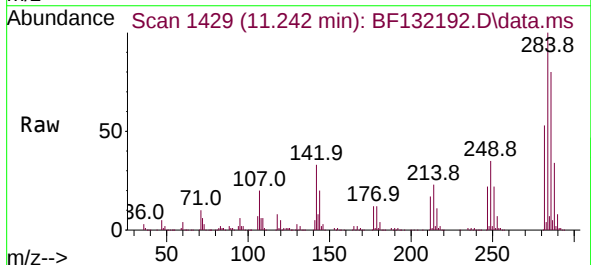
Tgt Ion:248 Resp: 897939
Ion Ratio Lower Upper
248 100
250 95.5 77.8 116.6
141 58.0 52.3 78.5

Manual Integrations
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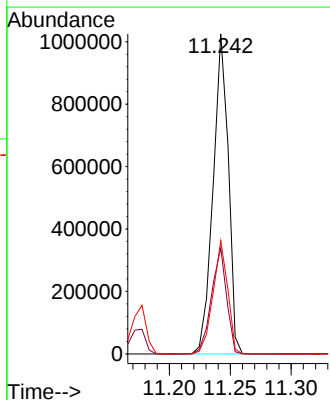
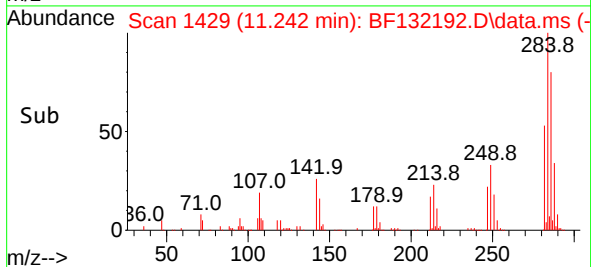
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

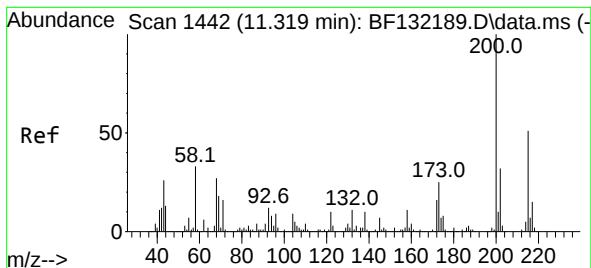


#68
Hexachlorobenzene
Concen: 78.048 ng
RT: 11.242 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion:284 Resp: 886662
Ion Ratio Lower Upper
284 100
142 33.1 29.4 44.2
249 35.4 28.1 42.1





#69

Atrazine

Concen: 75.063 ng

RT: 11.325 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 680996

Ion Ratio Lower Upper

200 100

173 25.8 5.1 45.1

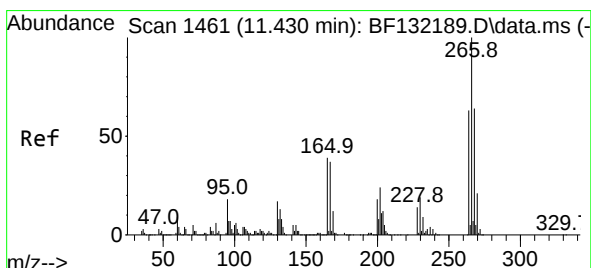
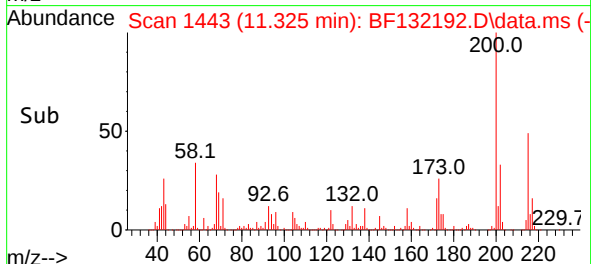
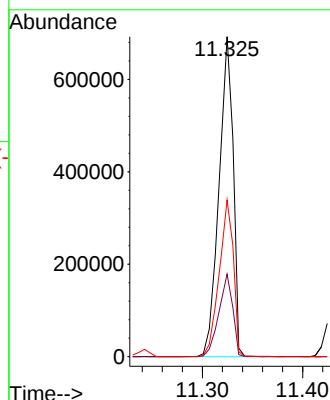
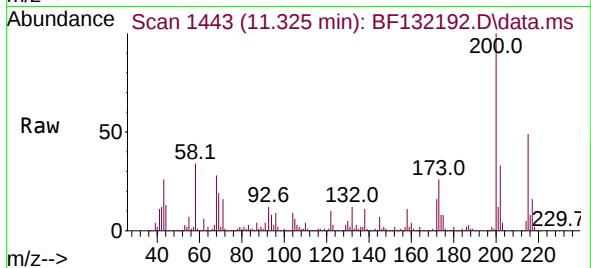
215 48.9 30.9 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#70

Pentachlorophenol

Concen: 85.988 ng

RT: 11.430 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

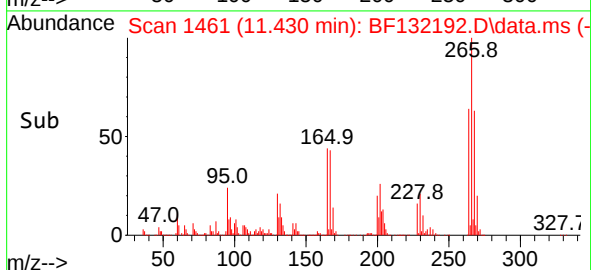
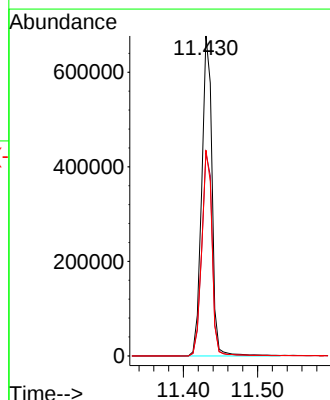
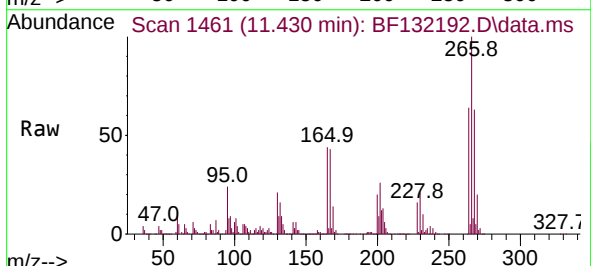
Tgt Ion:266 Resp: 653080

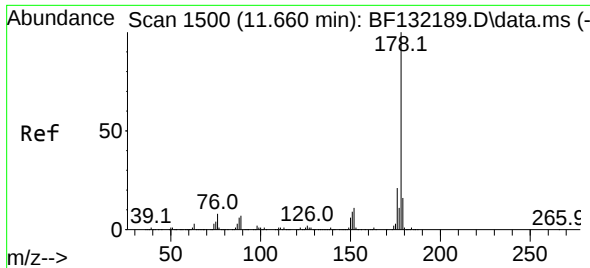
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

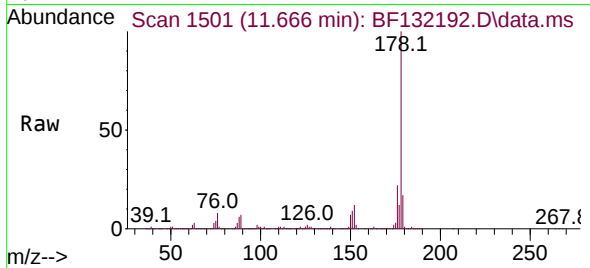
264 64.3 50.1 75.1





#71
Phenanthrene
Concen: 68.198 ng
RT: 11.666 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

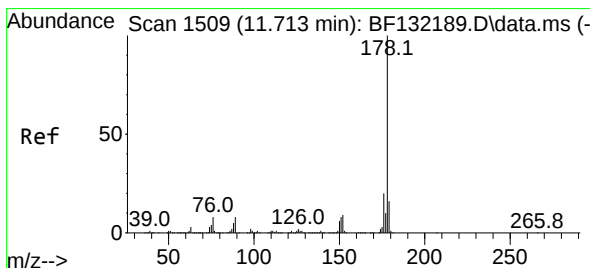
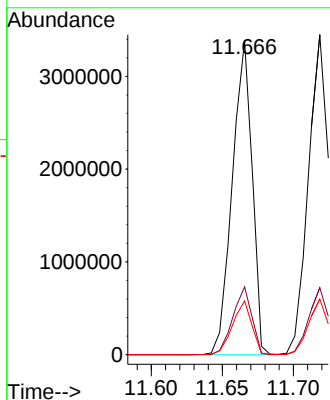
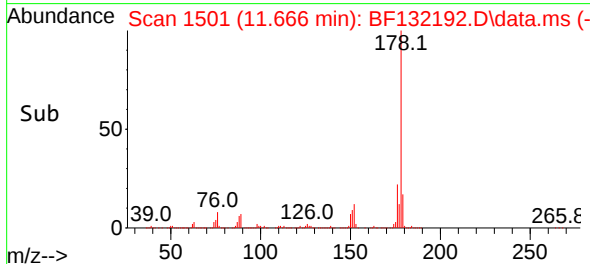
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



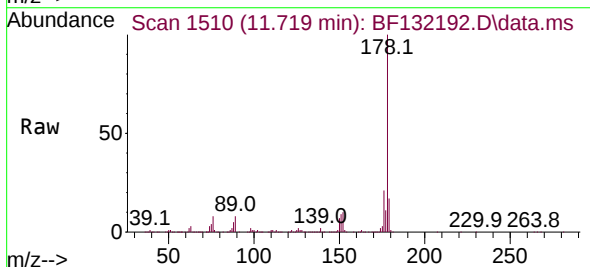
Tgt Ion:178 Resp: 3278837
Ion Ratio Lower Upper
178 100
176 21.6 16.6 24.8
179 17.1 13.0 19.4

Manual Integrations
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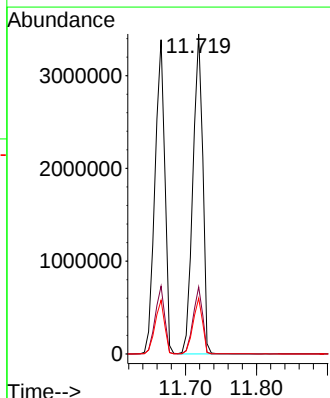
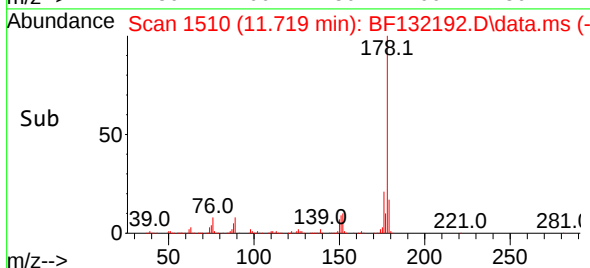
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

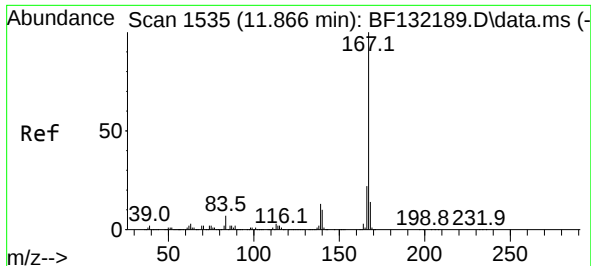


#72
Anthracene
Concen: 68.208 ng
RT: 11.719 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



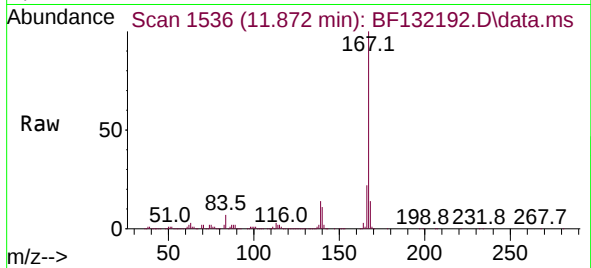
Tgt Ion:178 Resp: 3325360
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.8
179 17.4 13.0 19.6





#73
 Carbazole
 Concen: 69.216 ng
 RT: 11.872 min Scan# 1536
 Delta R.T. 0.006 min
 Lab File: BF132192.D
 Acq: 24 Jan 2023 14:12

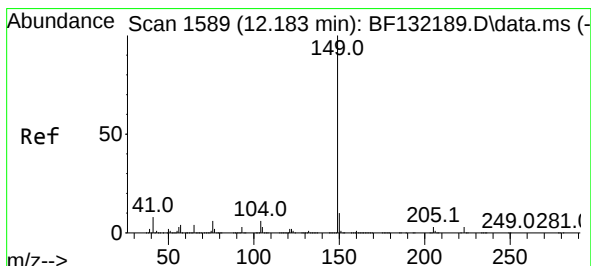
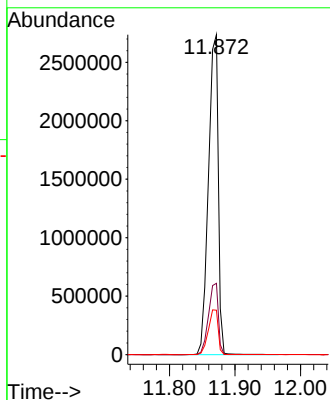
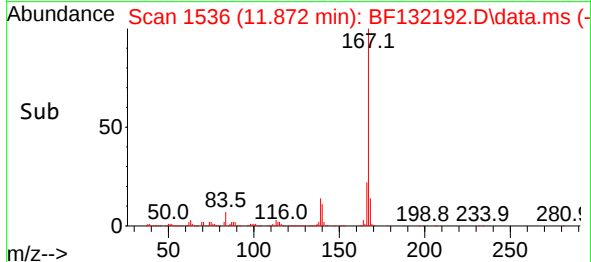
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



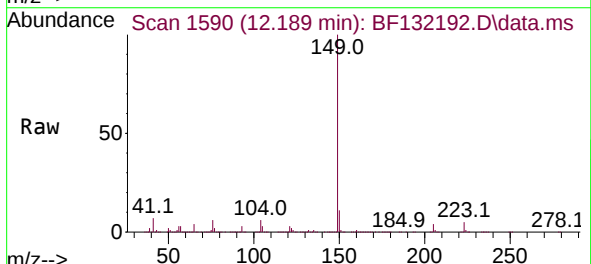
Tgt Ion:167 Resp: 2844083
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 13.9 10.7 16.1

Manual Integrations
 APPROVED

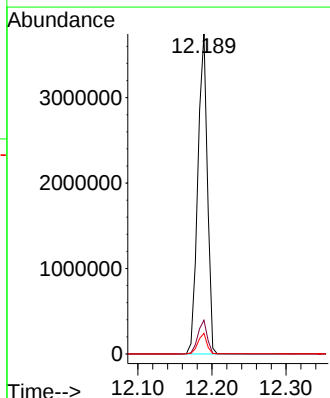
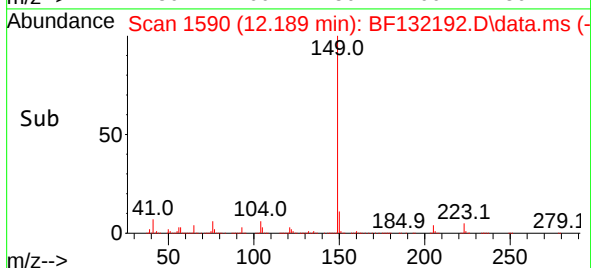
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

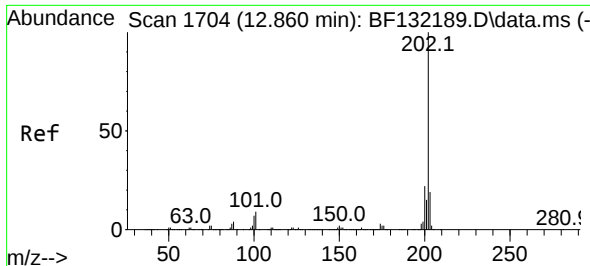


#74
 Di-n-butylphthalate
 Concen: 73.523 ng
 RT: 12.189 min Scan# 1590
 Delta R.T. 0.006 min
 Lab File: BF132192.D
 Acq: 24 Jan 2023 14:12



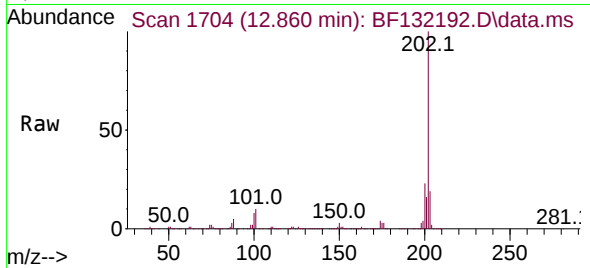
Tgt Ion:149 Resp: 3361838
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.9 11.9
 104 6.4 4.8 7.2





#75
Fluoranthene
Concen: 67.225 ng
RT: 12.860 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

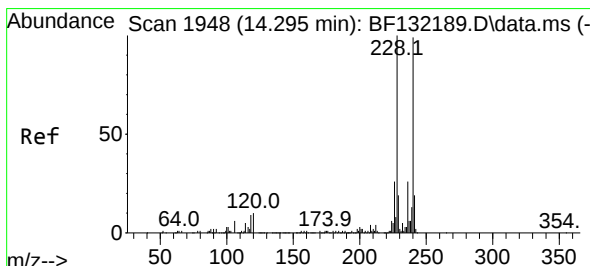
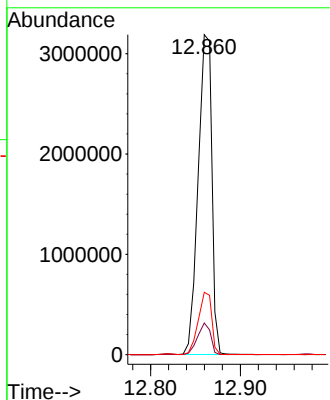
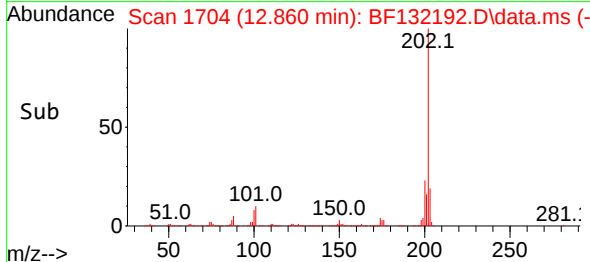
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



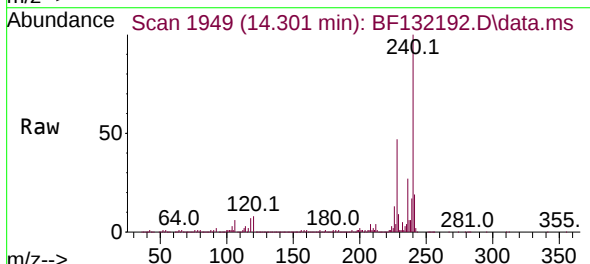
Tgt Ion:202 Resp: 3380250
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.2
203 19.5 0.0 38.8

Manual Integrations
APPROVED

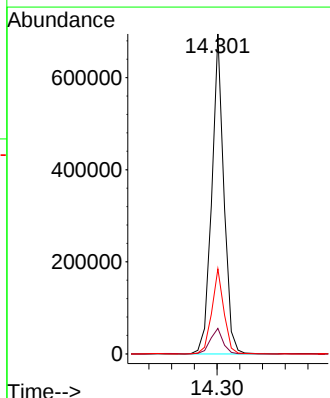
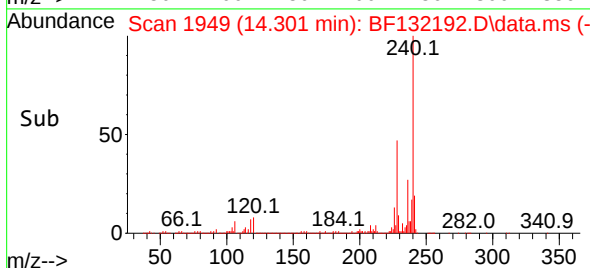
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

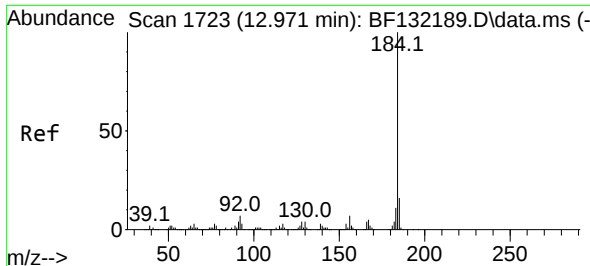


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



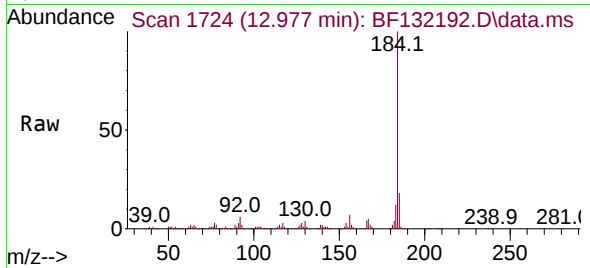
Tgt Ion:240 Resp: 514413
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 26.6 21.2 31.8





#77
Benzidine
Concen: 68.066 ng
RT: 12.977 min Scan# 1724
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

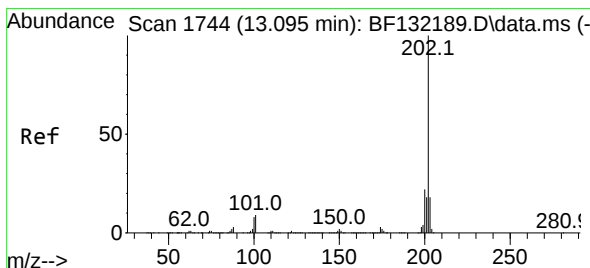
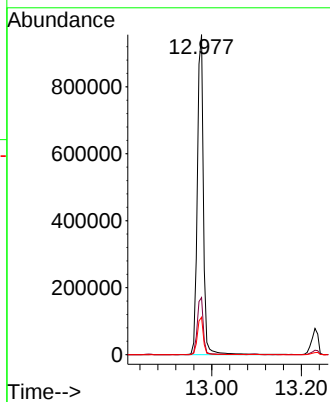
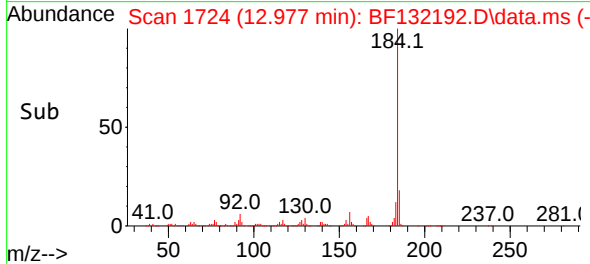
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



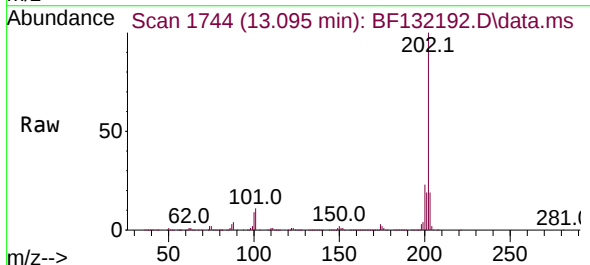
Tgt Ion:184 Resp: 891995
Ion Ratio Lower Upper
184 100
185 17.8 13.0 19.4
183 11.7 9.2 13.8

Manual Integrations
APPROVED

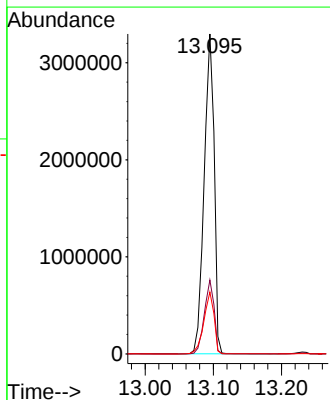
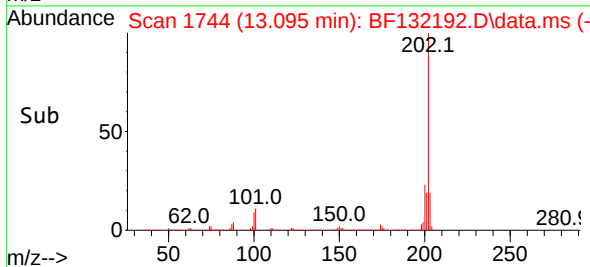
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

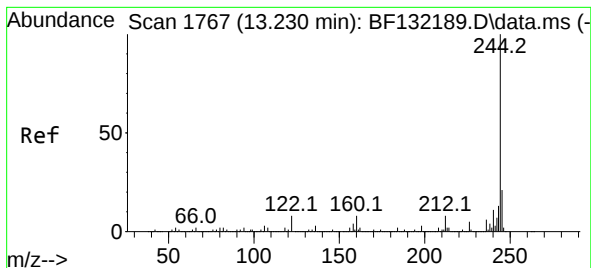


#78
Pyrene
Concen: 73.805 ng
RT: 13.095 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion:202 Resp: 3372316
Ion Ratio Lower Upper
202 100
200 23.1 17.8 26.6
203 19.3 14.6 21.8





#79

Terphenyl-d14

Concen: 141.618 ng

RT: 13.230 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BF132192.D

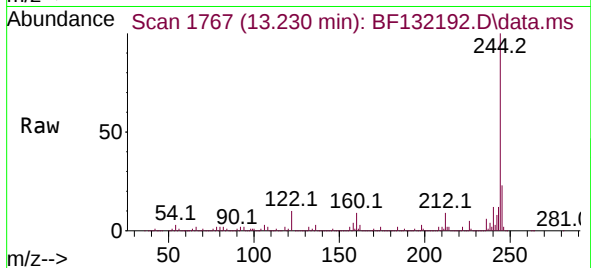
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:244 Resp: 464914

Ion Ratio Lower Upper

244 100

212 9.3 6.6 10.0

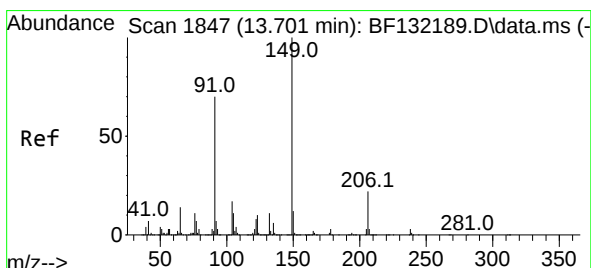
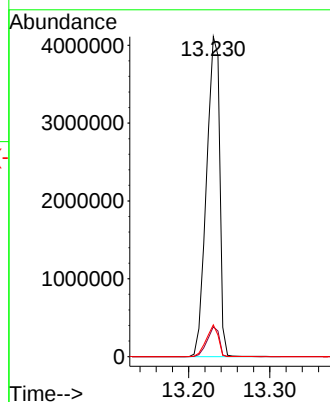
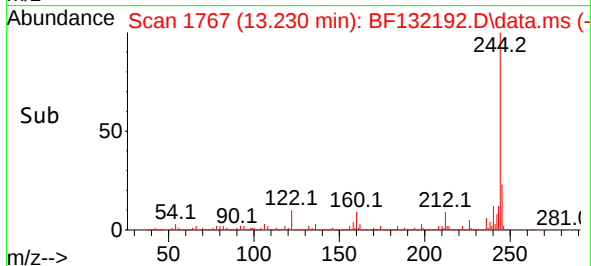
122 9.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#80

Butylbenzylphthalate

Concen: 89.012 ng

RT: 13.701 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

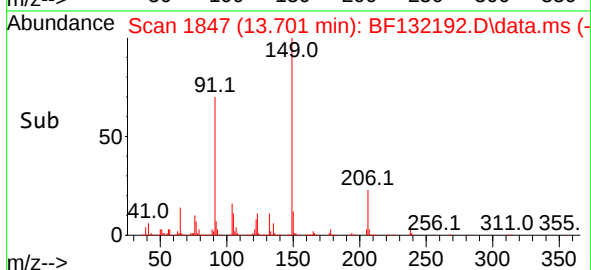
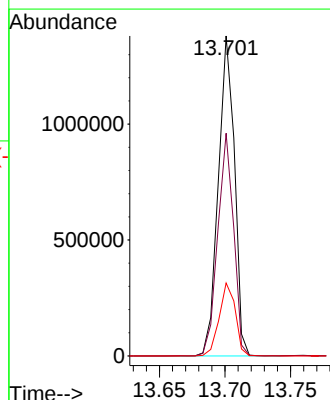
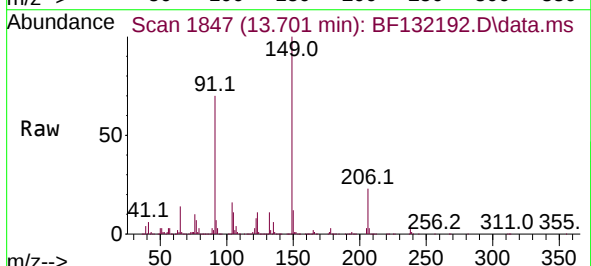
Tgt Ion:149 Resp: 1187112

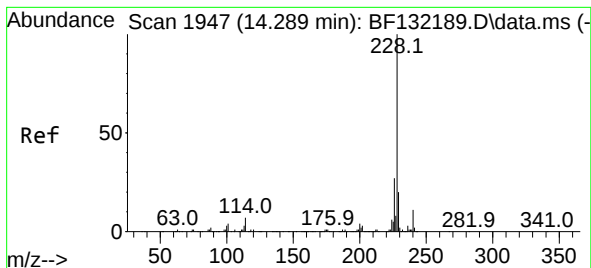
Ion Ratio Lower Upper

149 100

91 69.6 56.3 84.5

206 22.8 17.7 26.5





#81

Benzo(a)anthracene

Concen: 74.573 ng

RT: 14.289 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BF132192.D

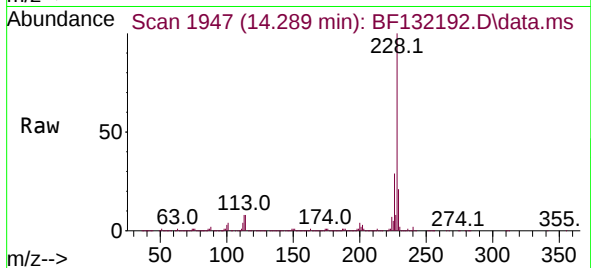
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:228 Resp: 2728990

Ion Ratio Lower Upper

228 100

226 28.7 22.0 33.0

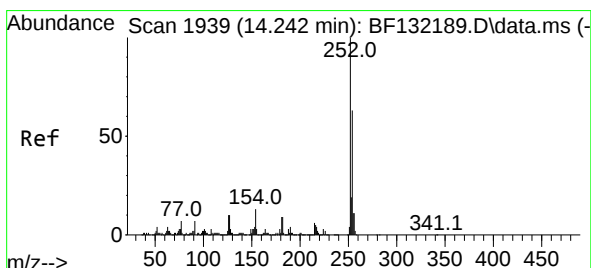
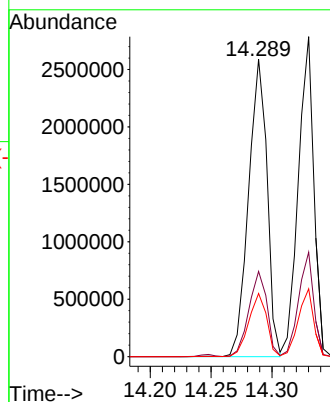
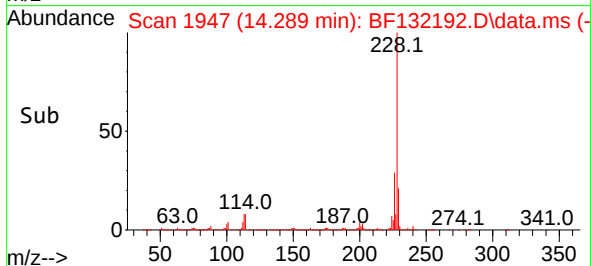
229 21.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#82

3,3'-Dichlorobenzidine

Concen: 83.382 ng

RT: 14.248 min Scan# 1940

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

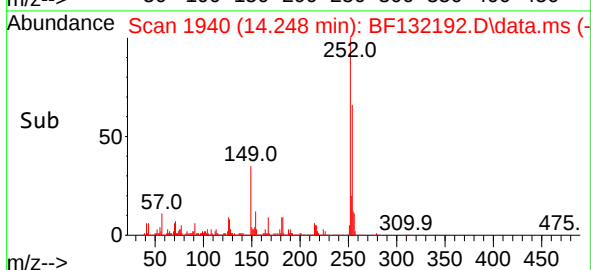
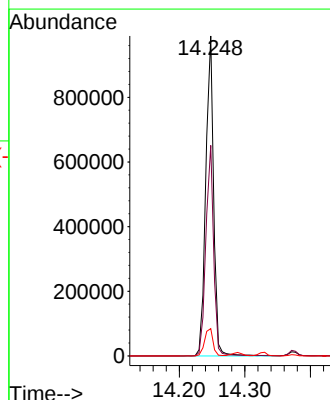
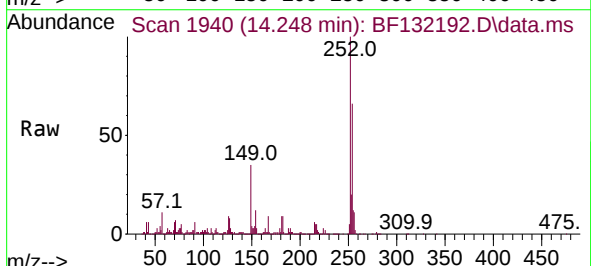
Tgt Ion:252 Resp: 813257

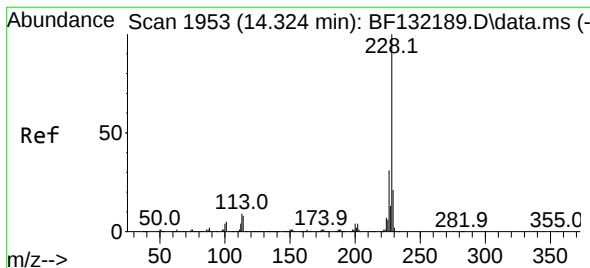
Ion Ratio Lower Upper

252 100

254 65.8 50.1 75.1

126 8.5 7.7 11.5





#83

Chrysene

Concen: 73.050 ng

RT: 14.330 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 249672

Ion Ratio Lower Upper

228 100

226 32.6 25.0 37.6

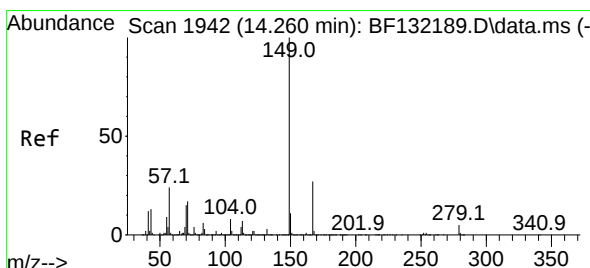
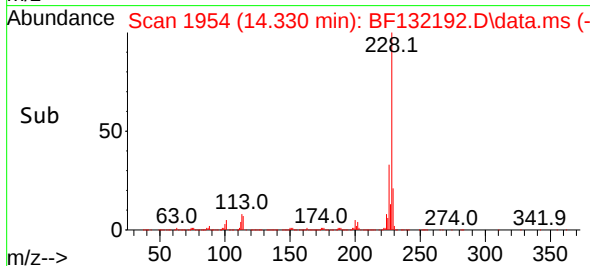
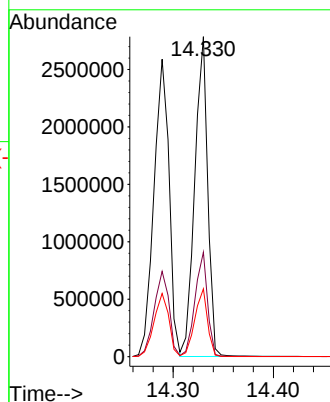
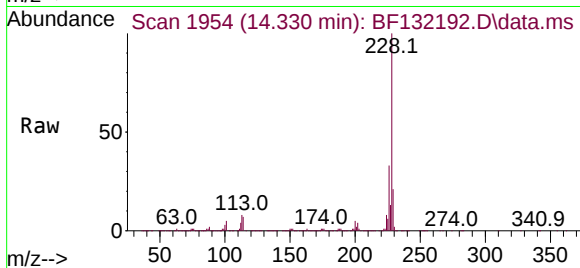
229 21.2 16.5 24.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 84.881 ng

RT: 14.260 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

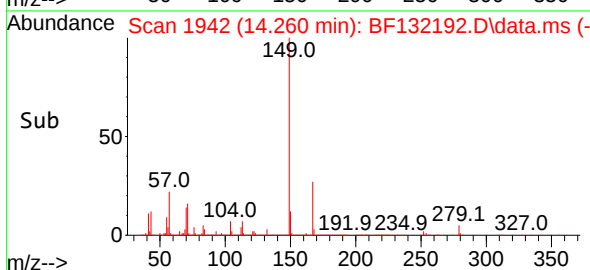
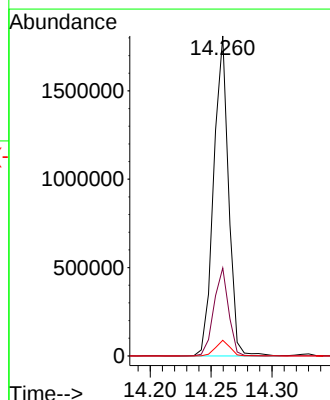
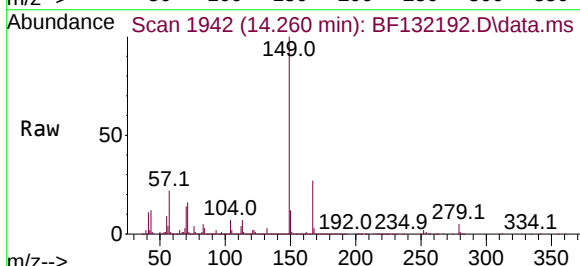
Tgt Ion:149 Resp: 1533918

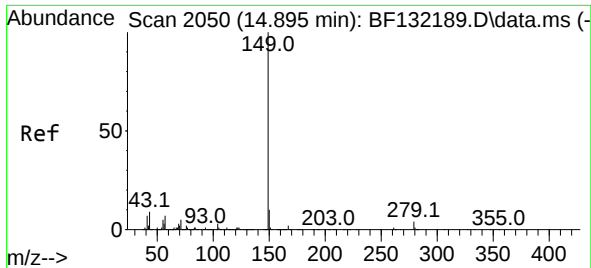
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

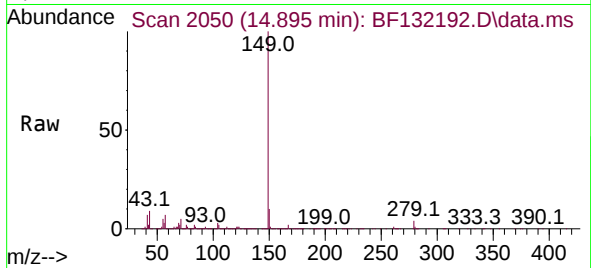
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 93.757 ng
RT: 14.895 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

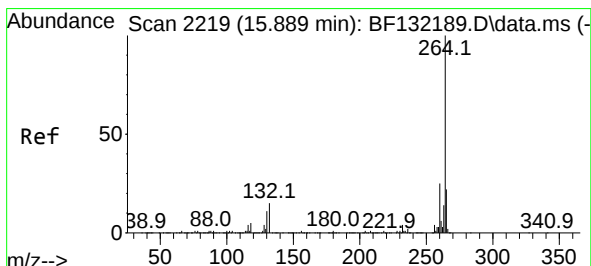
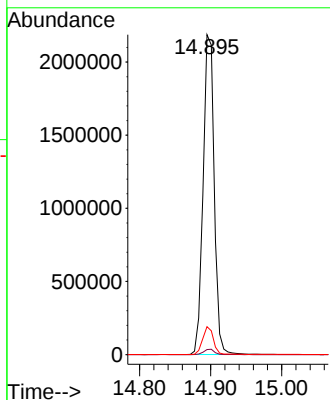
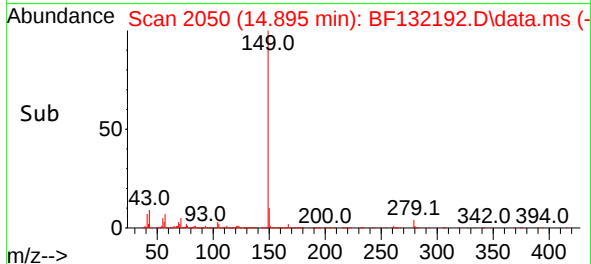
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 2357318
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.6 11.4

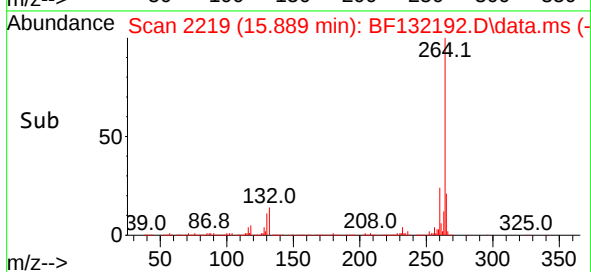
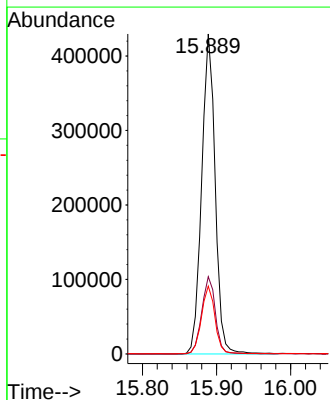
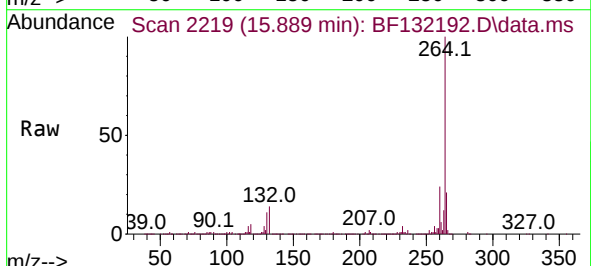
Manual Integrations
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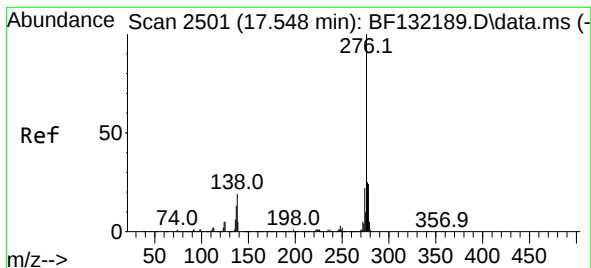
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.889 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Tgt Ion:264 Resp: 543291
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 21.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 85.641 ng

RT: 17.559 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 3196239

Ion Ratio Lower Upper

276 100

138 20.7 17.8 26.6

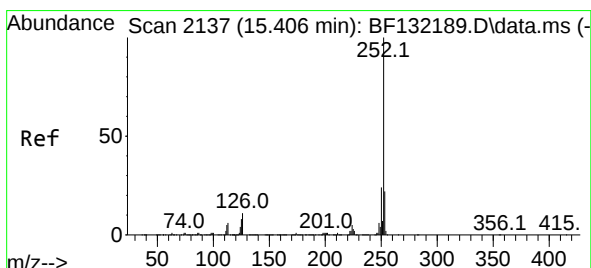
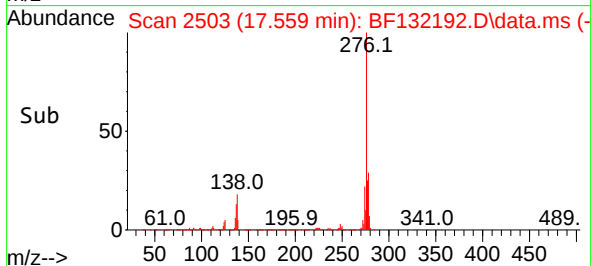
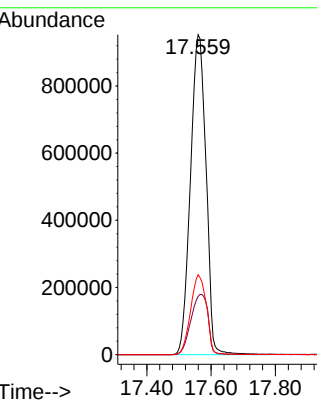
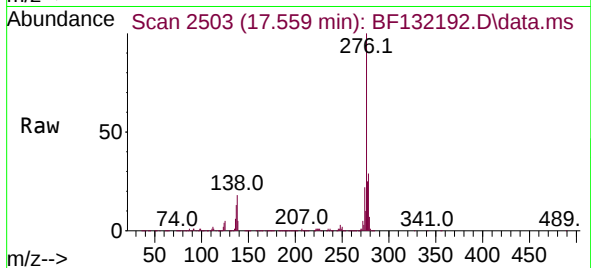
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#88

Benzo(b)fluoranthene

Concen: 73.871 ng

RT: 15.412 min Scan# 2138

Delta R.T. 0.006 min

Lab File: BF132192.D

Acq: 24 Jan 2023 14:12

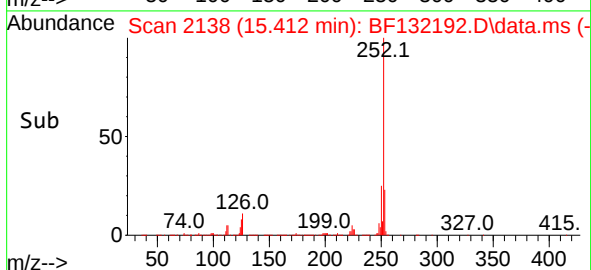
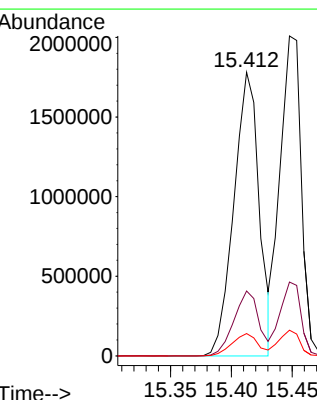
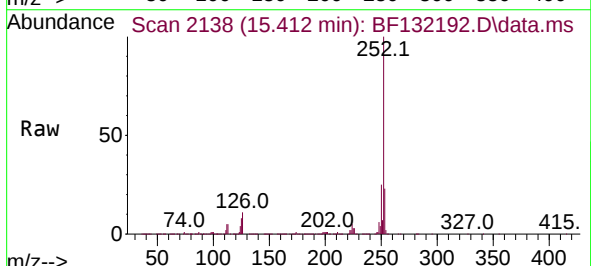
Tgt Ion:252 Resp: 2571798

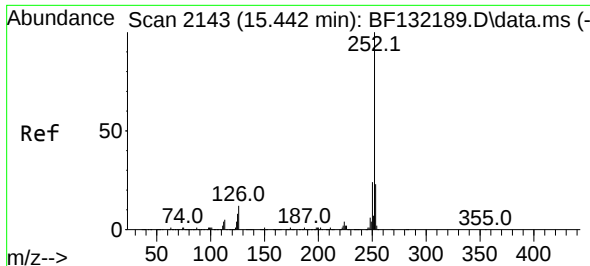
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 7.9 6.7 10.1





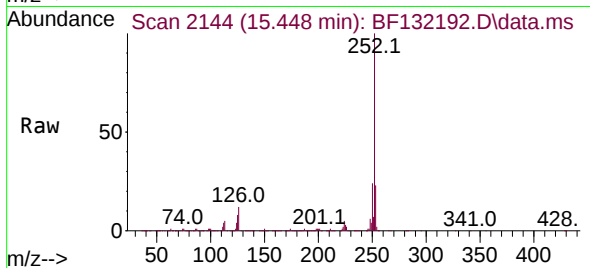
#89
Benzo(k)fluoranthene
Concen: 69.509 ng
RT: 15.448 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Instrument :

BNF_F

ClientSampleId :

SSTDICC080

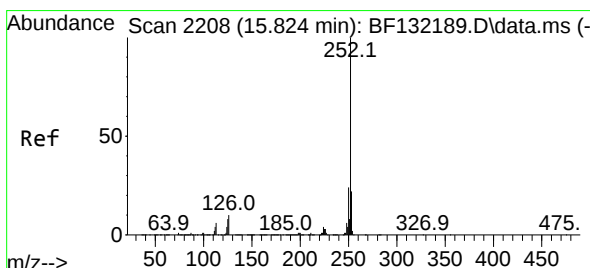
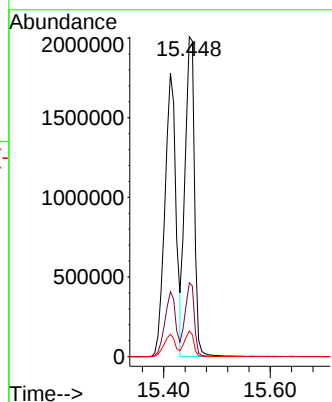
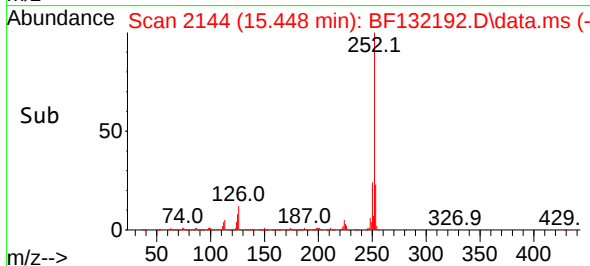


Tgt Ion:252 Resp: 2470712
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 8.0 6.7 10.1

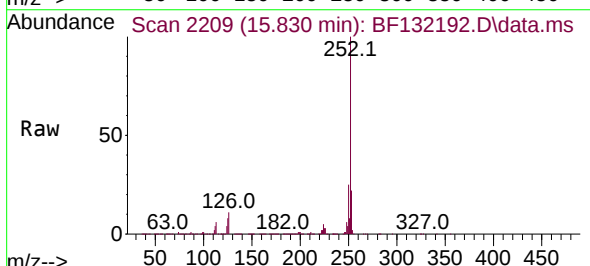
Manual Integrations

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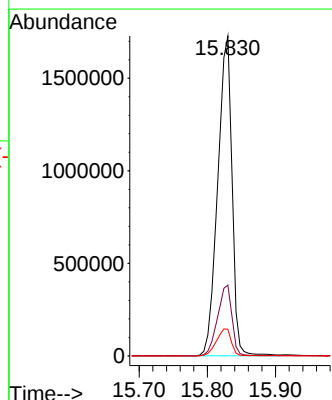
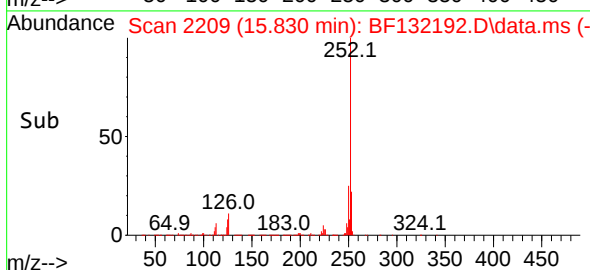
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

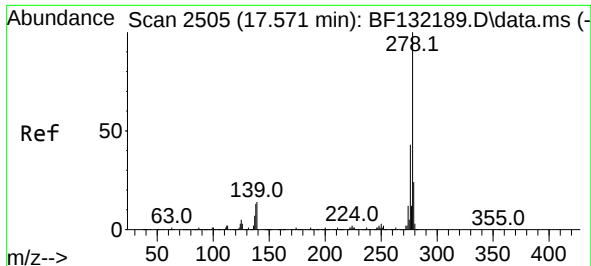


#90
Benzo(a)pyrene
Concen: 76.916 ng
RT: 15.830 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12



Tgt Ion:252 Resp: 2506646
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.3 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 84.556 ng
RT: 17.583 min Scan# 2507
Delta R.T. 0.012 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Instrument :

BNA_F

ClientSampleId :

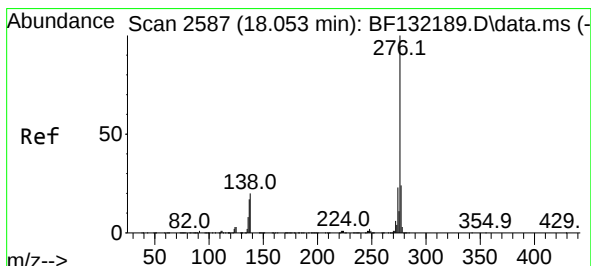
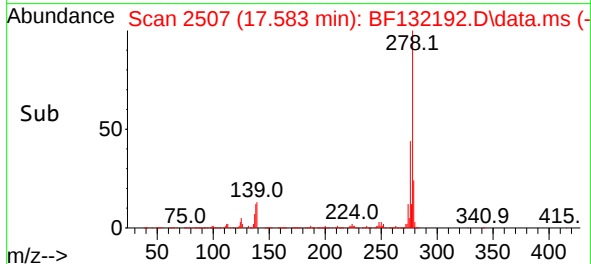
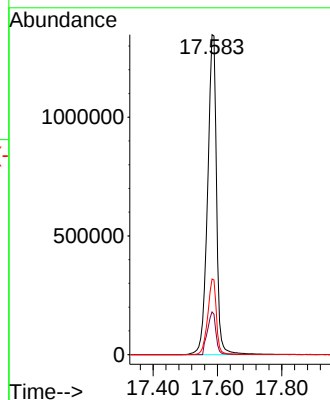
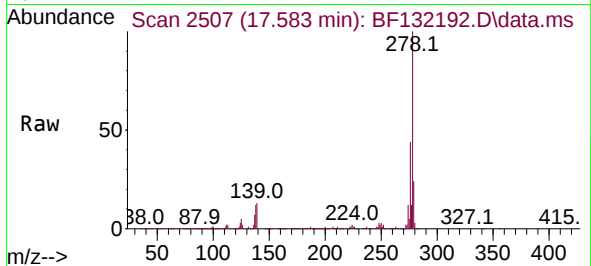
SSTDICC080

Tgt Ion:278 Resp: 2606149
Ion Ratio Lower Upper
278 100
139 13.3 11.2 16.8
279 23.6 19.0 28.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#92
Benzo(g,h,i)perylene
Concen: 84.909 ng
RT: 18.077 min Scan# 2591
Delta R.T. 0.024 min
Lab File: BF132192.D
Acq: 24 Jan 2023 14:12

Tgt Ion:276 Resp: 2649420
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 17.9 15.6 23.4

