

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132502.D
 Acq On : 22 Feb 2023 13:14
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 00:22:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:06:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	198607	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	738662	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	396042	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	772323	20.000	ng	0.00
76) Chrysene-d12	14.213	240	583245	20.000	ng	0.00
86) Perylene-d12	15.771	264	488944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	272146	22.239	ng	0.00
7) Phenol-d6	6.637	99	364407	22.817	ng	0.00
23) Nitrobenzene-d5	7.572	82	326450	20.968	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	89949	21.030	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	589016	22.646	ng	0.00
79) Terphenyl-d14	13.142	244	679841	19.708	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.896	88	67413	9.959	ng	98
3) Pyridine	3.678	79	181736	10.114	ng	99
4) n-Nitrosodimethylamine	3.613	42	66104	9.740	ng	92
6) Aniline	6.666	93	226911	10.558	ng	99
8) 2-Chlorophenol	6.795	128	144534	11.380	ng	99
9) Benzaldehyde	6.560	77	104288	12.101	ng	99
10) Phenol	6.648	94	208338	11.378	ng	96
11) bis(2-Chloroethyl)ether	6.737	93	151458	10.715	ng	96
12) 1,3-Dichlorobenzene	6.948	146	152157	11.164	ng	98
13) 1,4-Dichlorobenzene	7.025	146	152462	11.203	ng	99
14) 1,2-Dichlorobenzene	7.178	146	143588	10.994	ng	98
15) Benzyl Alcohol	7.142	79	130471	10.608	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	202169	11.216	ng	97
17) 2-Methylphenol	7.260	107	132374	11.168	ng	96
18) Hexachloroethane	7.525	117	56663	10.657	ng	96
19) n-Nitroso-di-n-propyla...	7.407	70	109969	11.188	ng	100
20) 3+4-Methylphenols	7.413	107	166513	10.873	ng	# 78
22) Acetophenone	7.413	105	209095	11.226	ng	92
24) Nitrobenzene	7.589	77	172674	10.370	ng	99
25) Isophorone	7.825	82	303408	10.165	ng	99
26) 2-Nitrophenol	7.907	139	74334	10.118	ng	94
27) 2,4-Dimethylphenol	7.942	122	125628	10.835	ng	97
28) bis(2-Chloroethoxy)met...	8.031	93	184791	10.583	ng	100
29) 2,4-Dichlorophenol	8.160	162	122491	10.620	ng	98
30) 1,2,4-Trichlorobenzene	8.236	180	133077	10.625	ng	97
31) Naphthalene	8.319	128	420577	11.122	ng	98
32) Benzoic acid	8.019	122	52075m	9.052	ng	
33) 4-Chloroaniline	8.360	127	170874	10.545	ng	97
34) Hexachlorobutadiene	8.431	225	83338	10.471	ng	100
35) Caprolactam	8.707	113	36781	9.885	ng	96
36) 4-Chloro-3-methylphenol	8.848	107	133035	10.502	ng	97
37) 2-Methylnaphthalene	9.007	142	285999	11.098	ng	99
38) 1-Methylnaphthalene	9.107	142	268821	11.162	ng	97
40) 1,2,4,5-Tetrachloroben...	9.172	216	139846	10.793	ng	99
41) Hexachlorocyclopentadiene	9.160	237	63589	9.048	ng	94
43) 2,4,6-Trichlorophenol	9.289	196	91415	10.410	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	105759	10.319	ng	95
46) 1,1'-Biphenyl	9.472	154	333318	11.120	ng	99
47) 2-Chloronaphthalene	9.501	162	260572	10.964	ng	98
48) 2-Nitroaniline	9.595	65	88835	10.149	ng	95
49) Acenaphthylene	9.919	152	423243	11.190	ng	98
50) Dimethylphthalate	9.766	163	308816	10.709	ng	98
51) 2,6-Dinitrotoluene	9.830	165	68876	10.488	ng	98
52) Acenaphthene	10.089	154	257465	10.890	ng	99
53) 3-Nitroaniline	10.007	138	74595	10.154	ng	99
54) 2,4-Dinitrophenol	10.113	184	27582	8.356	ng	95
55) Dibenzofuran	10.266	168	395483	11.295	ng	97
56) 4-Nitrophenol	10.178	139	51714	9.439	ng	93
57) 2,4-Dinitrotoluene	10.236	165	90886	10.402	ng	99
58) Fluorene	10.607	166	299671	11.189	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.383	232	77617	10.195	ng	99
60) Diethylphthalate	10.466	149	302141	10.728	ng	99
61) 4-Chlorophenyl-phenylether	10.595	204	154668	11.132	ng	97
62) 4-Nitroaniline	10.619	138	73638	10.266	ng	97
63) Azobenzene	10.760	77	322166	10.801	ng	99
65) 4,6-Dinitro-2-methylph...	10.648	198	48619	9.299	ng	98
66) n-Nitrosodiphenylamine	10.713	169	260105	10.803	ng	98
67) 4-Bromophenyl-phenylether	11.089	248	91115	10.430	ng	96
68) Hexachlorobenzene	11.160	284	96179	10.463	ng	97
69) Atrazine	11.236	200	80067	10.652	ng	97
70) Pentachlorophenol	11.360	266	41132m	7.632	ng	
71) Phenanthrene	11.577	178	442156	11.051	ng	98
72) Anthracene	11.630	178	455393	11.053	ng	99
73) Carbazole	11.783	167	407712	10.976	ng	98
74) Di-n-butylphthalate	12.107	149	470146	10.790	ng	98
75) Fluoranthene	12.771	202	488413	11.166	ng	99
77) Benzidine	12.895	184	128492	9.050	ng	99
78) Pyrene	13.007	202	499936	9.428	ng	99
80) Butylbenzylphthalate	13.613	149	195487	9.342	ng	95
81) Benzo(a)anthracene	14.201	228	441030	10.106	ng	99
82) 3,3'-Dichlorobenzidine	14.160	252	137822	10.712	ng	99
83) Chrysene	14.236	228	421282	10.323	ng	98
84) Bis(2-ethylhexyl)phtha...	14.171	149	256286	9.970	ng	100
85) Di-n-octyl phthalate	14.801	149	372841	9.925	ng	99
87) Indeno(1,2,3-cd)pyrene	17.365	276	272724	8.513	ng	99
88) Benzo(b)fluoranthene	15.301	252	340902	10.404	ng	99
89) Benzo(k)fluoranthene	15.330	252	347902	10.849	ng	98
90) Benzo(a)pyrene	15.695	252	311463	10.156	ng	98
91) Dibenzo(a,h)anthracene	17.383	278	224778	8.611	ng	99
92) Benzo(g,h,i)perylene	17.853	276	224790	8.978	ng	100

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

Manual Integrations

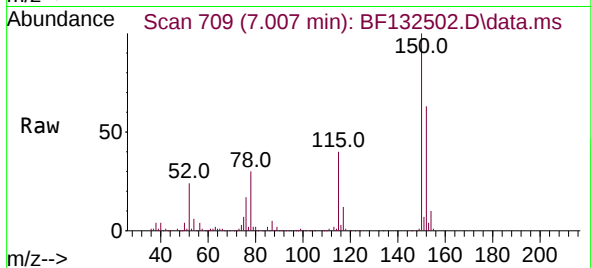
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

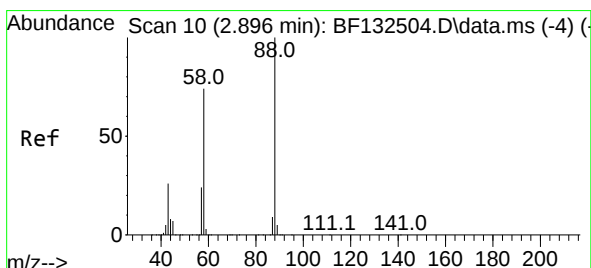
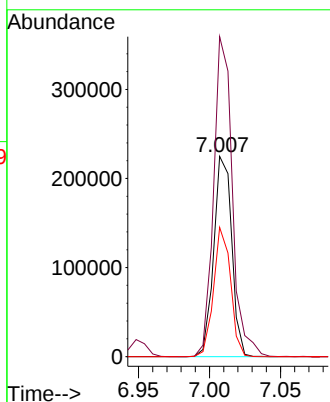
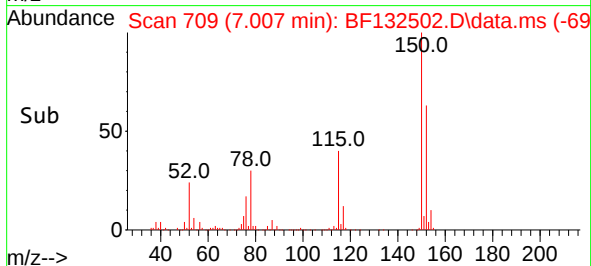
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 19860
Ion Ratio Lower Upper
152 100
150 159.8 125.4 188.2
115 64.5 47.8 71.6

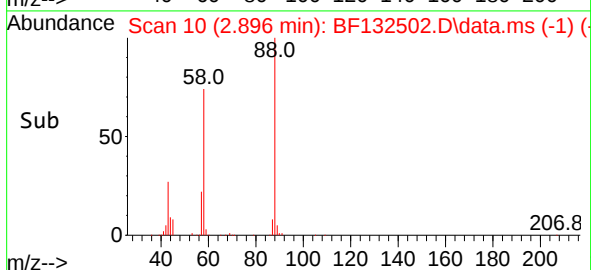
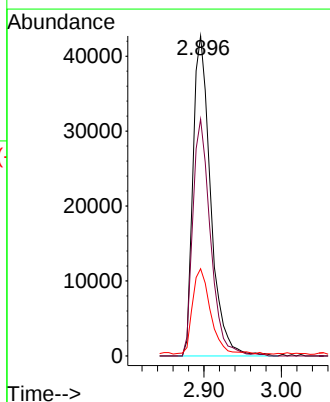
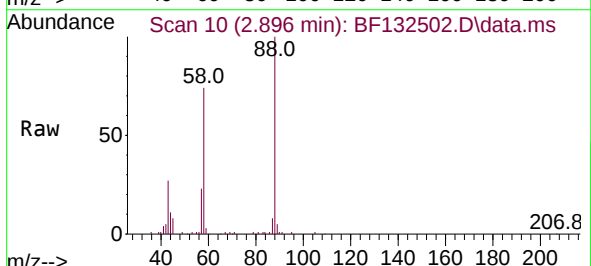
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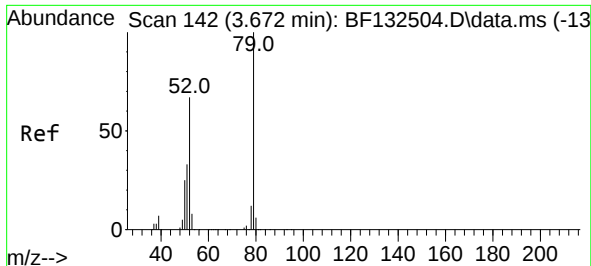
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 9.959 ng
RT: 2.896 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

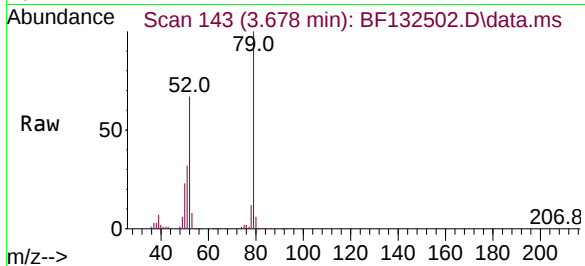
Tgt Ion: 88 Resp: 67413
Ion Ratio Lower Upper
88 100
58 74.3 58.3 87.5
43 27.5 20.7 31.1





#3
Pyridine
Concen: 10.114 ng
RT: 3.678 min Scan# 142
Delta R.T. 0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

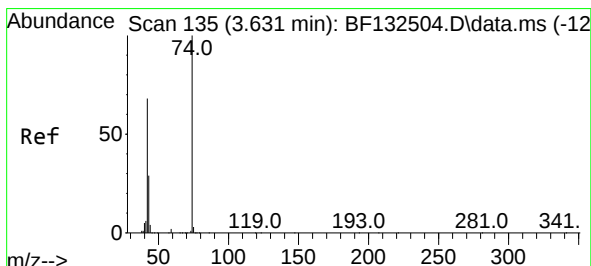
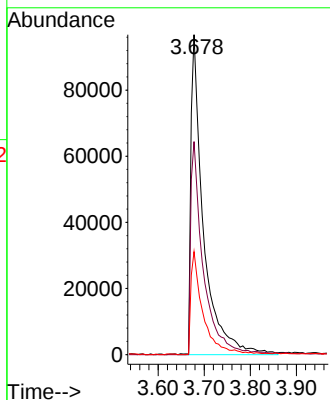
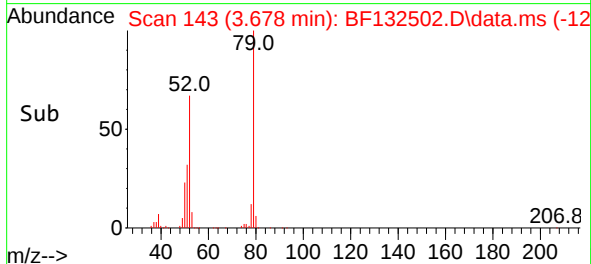
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



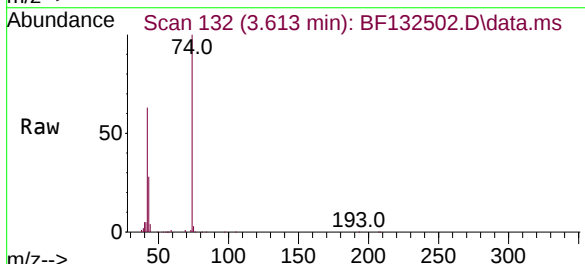
Tgt Ion: 79 Resp: 181736
Ion Ratio Lower Upper
79 100
52 66.6 53.7 80.5
51 32.2 26.6 40.0

Manual Integrations
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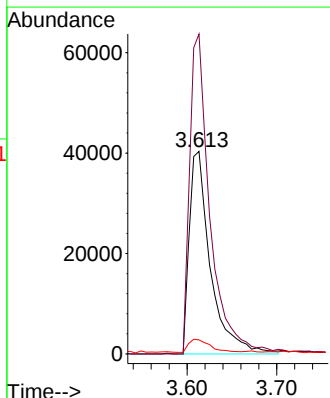
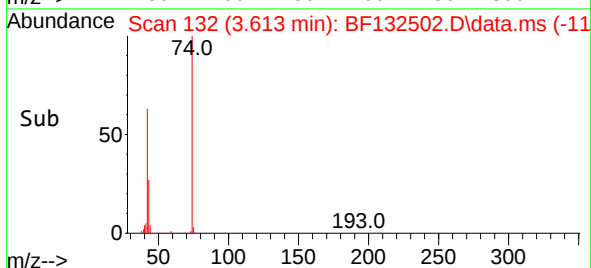
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#4
n-Nitrosodimethylamine
Concen: 9.740 ng
RT: 3.613 min Scan# 132
Delta R.T. -0.018 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



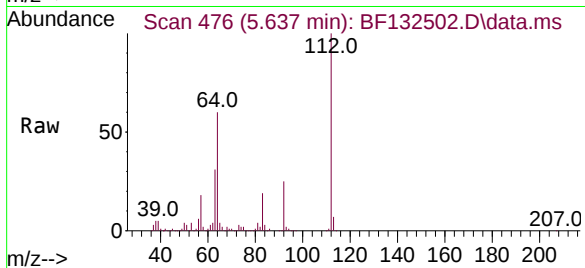
Tgt Ion: 42 Resp: 66104
Ion Ratio Lower Upper
42 100
74 158.1 118.2 177.2
44 7.0 5.3 7.9





#5
2-Fluorophenol
Concen: 22.239 ng
RT: 5.637 min Scan# 476
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

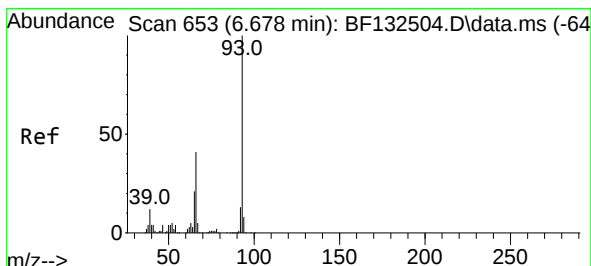
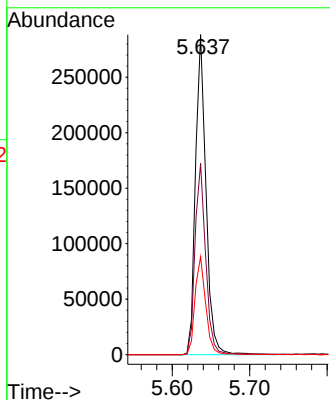
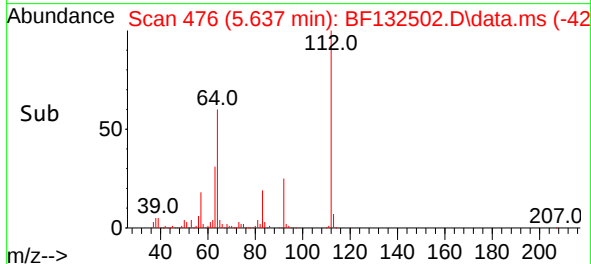
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 272146
Ion Ratio Lower Upper
112 100
64 59.7 51.6 77.4
63 30.6 27.4 41.2

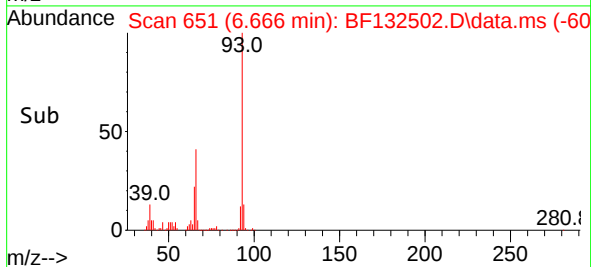
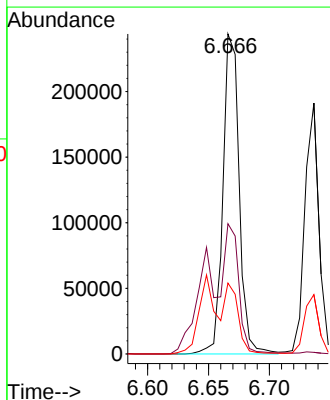
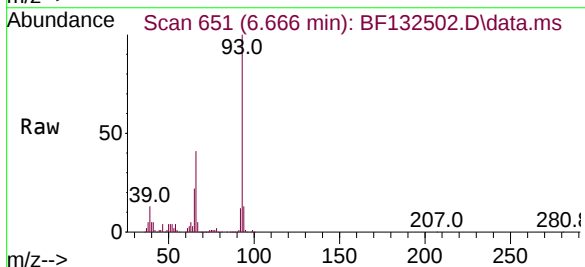
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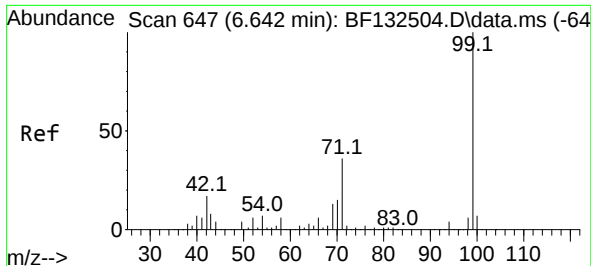
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#6
Aniline
Concen: 10.558 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion: 93 Resp: 226911
Ion Ratio Lower Upper
93 100
66 40.7 32.5 48.7
65 22.1 16.6 24.8





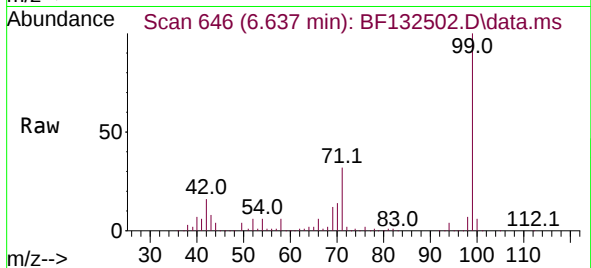
#7
Phenol-d6
Concen: 22.817 ng
RT: 6.637 min Scan# 647
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

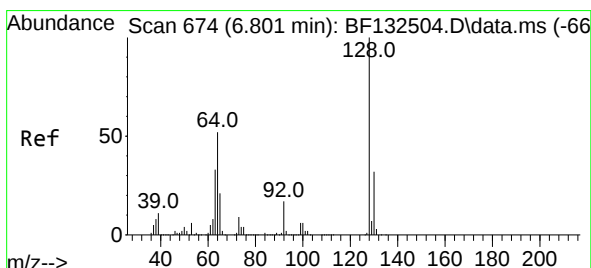
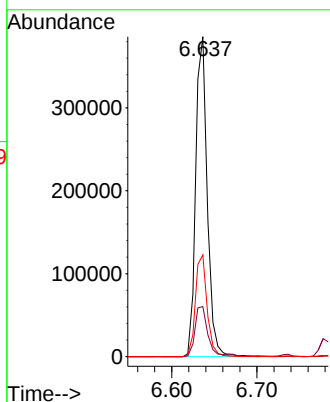
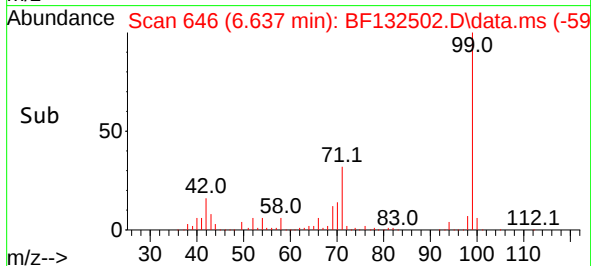
SSTDICC010



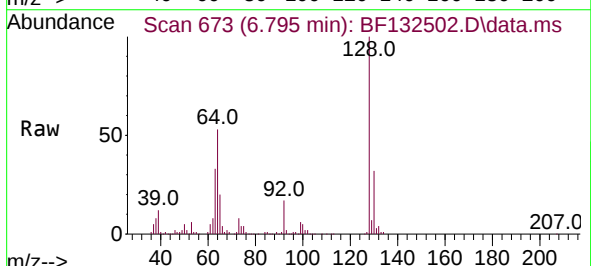
Tgt Ion: 99 Resp: 36440
Ion Ratio Lower Upper
99 100
42 15.6 13.9 20.9
71 31.8 28.5 42.7

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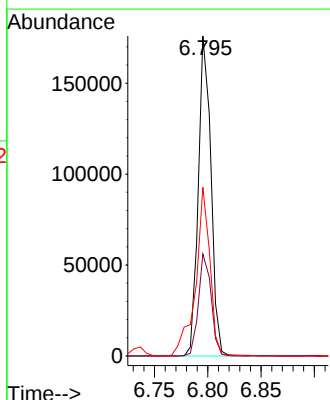
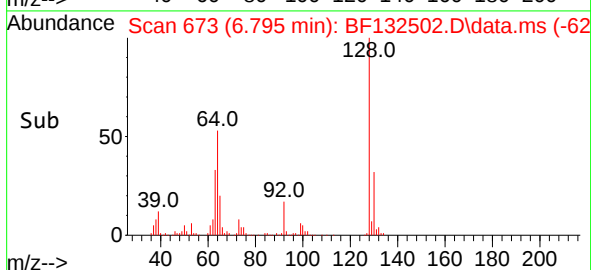
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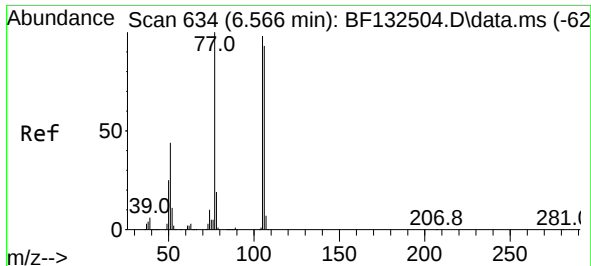


#8
2-Chlorophenol
Concen: 11.380 ng
RT: 6.795 min Scan# 673
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



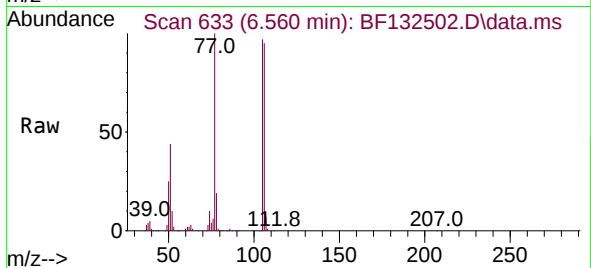
Tgt Ion:128 Resp: 144534
Ion Ratio Lower Upper
128 100
130 31.9 12.1 52.1
64 52.7 32.0 72.0





#9
Benzaldehyde
Concen: 12.101 ng
RT: 6.560 min Scan# 634
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

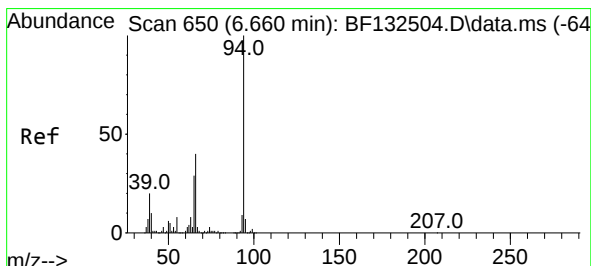
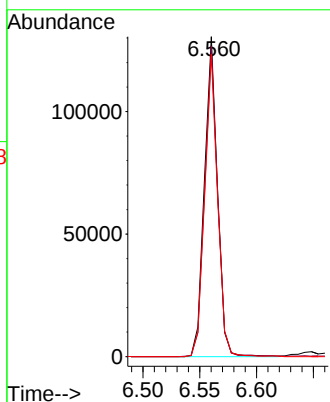
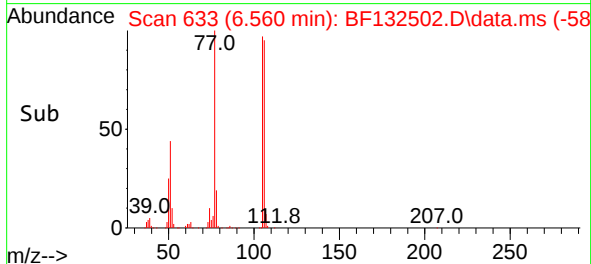
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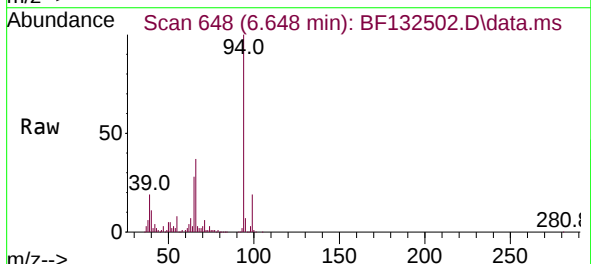
Tgt Ion: 77 Resp: 104288
Ion Ratio Lower Upper
77 100
105 97.1 77.9 117.9
106 94.5 73.4 113.4

Manual Integrations
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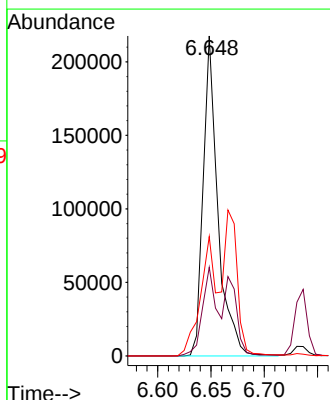
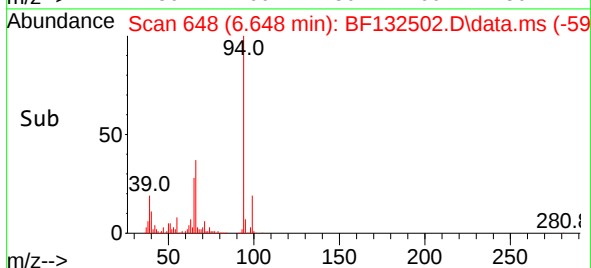
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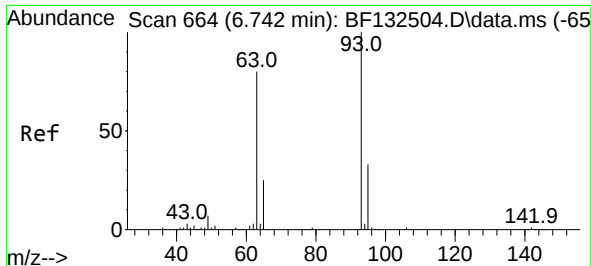


#10
Phenol
Concen: 11.378 ng
RT: 6.648 min Scan# 648
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



Tgt Ion: 94 Resp: 208338
Ion Ratio Lower Upper
94 100
65 27.7 9.4 49.4
66 37.3 19.8 59.8





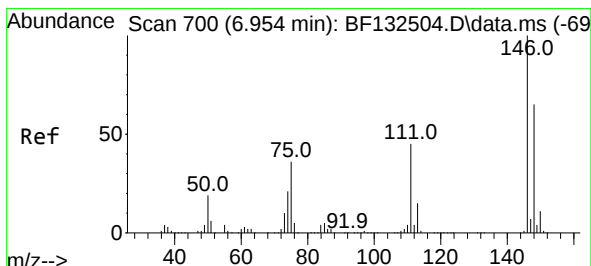
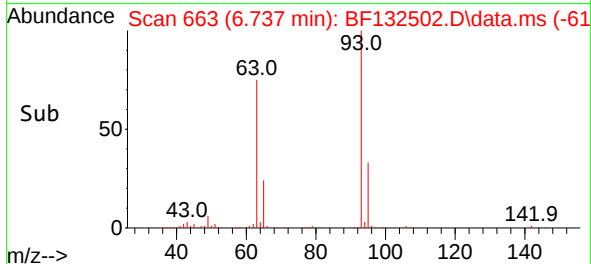
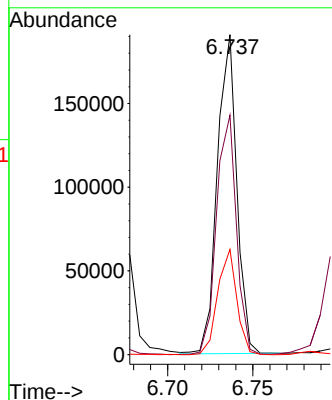
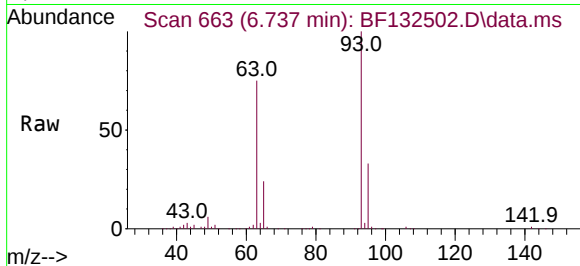
#11
bis(2-Chloroethyl)ether
Concen: 10.715 ng
RT: 6.737 min Scan# 601
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
Client Sample Id :
SSTDICC010

Tgt Ion: 93 Resp: 151458
Ion Ratio Lower Upper
93 100
63 74.8 59.6 99.6
95 32.9 12.8 52.8

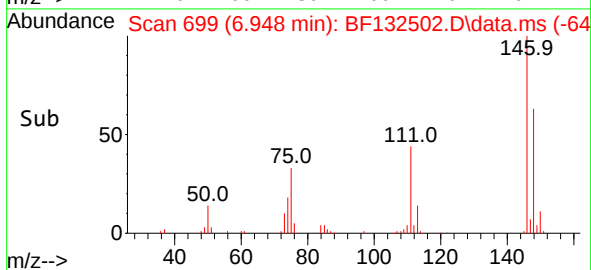
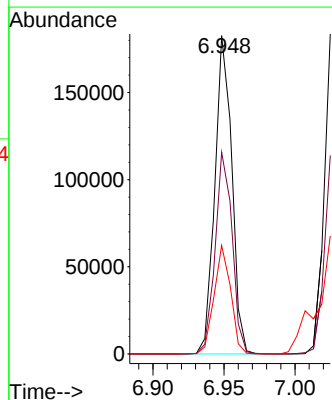
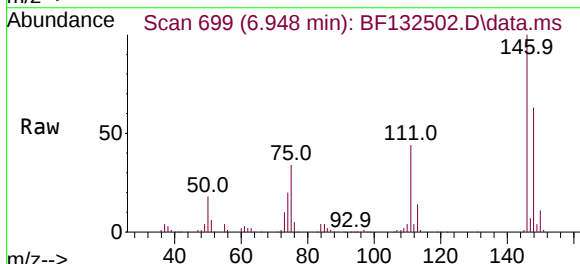
Manual Integrations
APPROVED

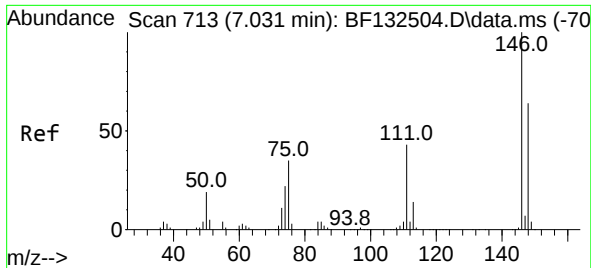
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#12
1,3-Dichlorobenzene
Concen: 11.164 ng
RT: 6.948 min Scan# 699
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:146 Resp: 152157
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
75 34.1 28.9 43.3





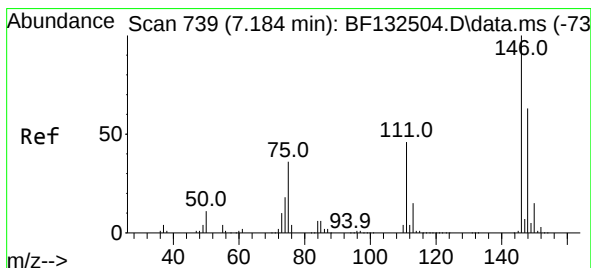
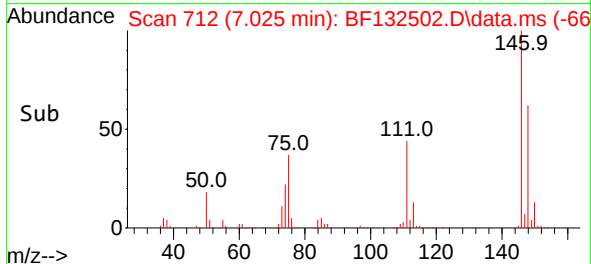
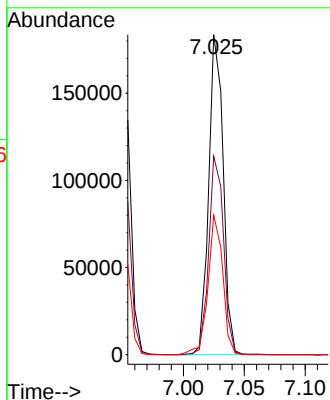
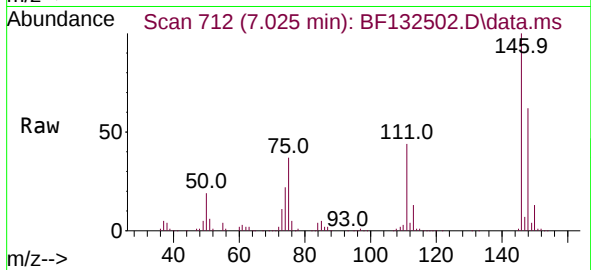
#13
1,4-Dichlorobenzene
Concen: 11.203 ng
RT: 7.025 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 152462
Ion Ratio Lower Upper
146 100
148 62.1 51.1 76.7
111 43.6 34.8 52.2

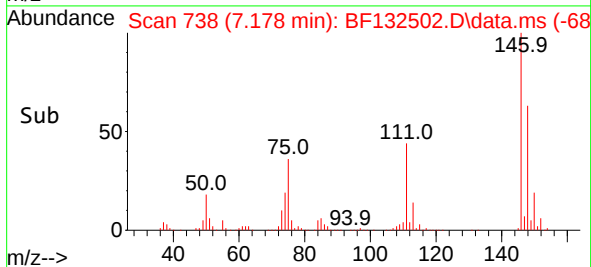
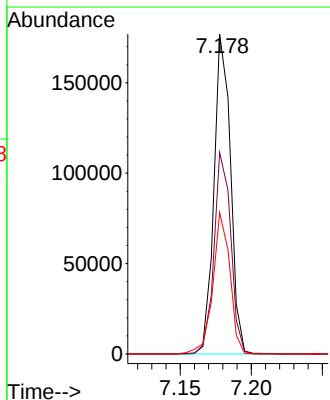
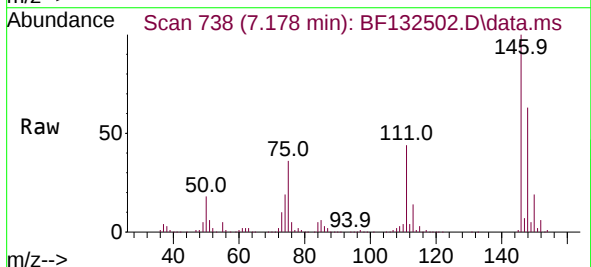
Manual Integrations
APPROVED

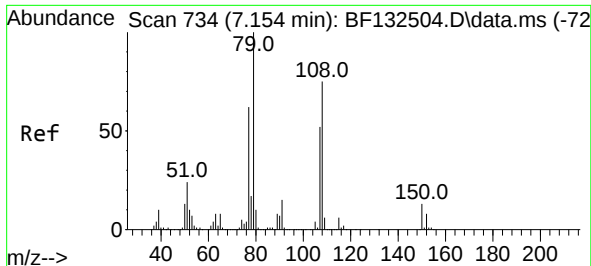
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#14
1,2-Dichlorobenzene
Concen: 10.994 ng
RT: 7.178 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:146 Resp: 143588
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
111 44.1 37.2 55.8





#15

Benzyl Alcohol

Concen: 10.608 ng

RT: 7.142 min Scan# 734

Delta R.T. -0.012 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 13047

Ion Ratio Lower Upper

79 100

108 76.2 60.2 90.4

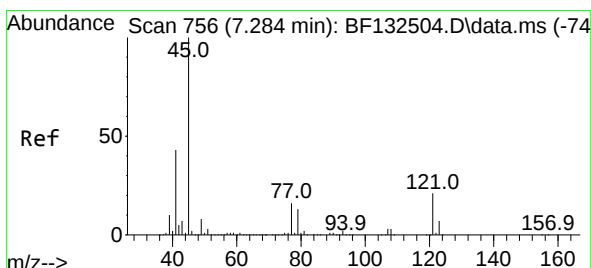
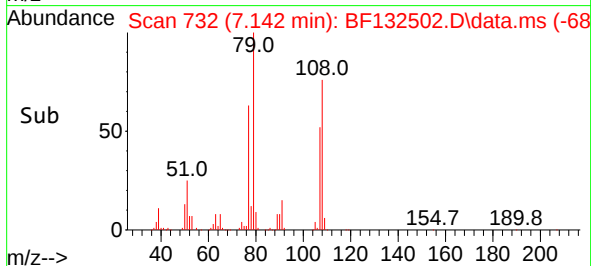
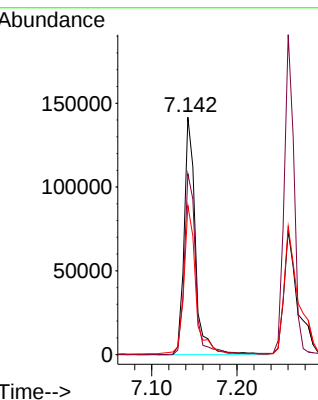
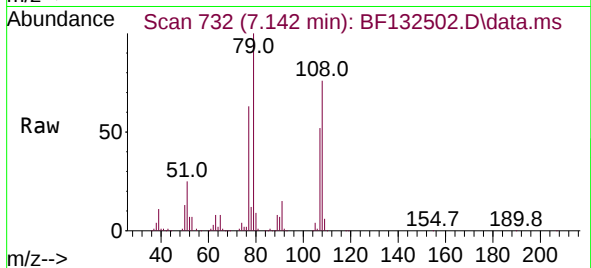
77 62.8 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.216 ng

RT: 7.278 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

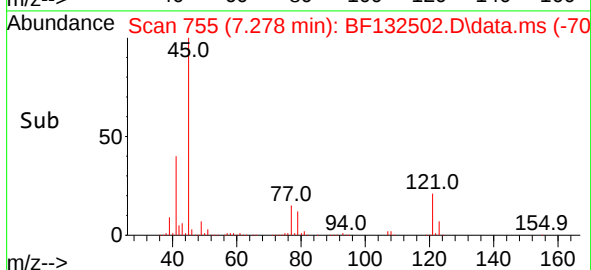
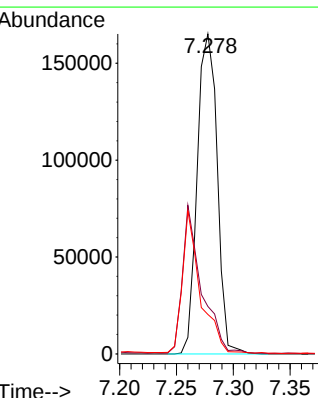
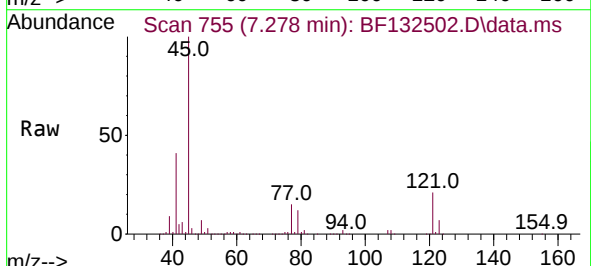
Tgt Ion: 45 Resp: 202169

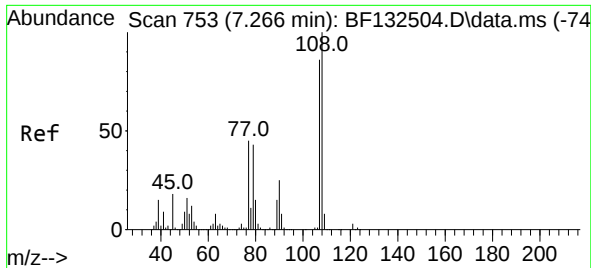
Ion Ratio Lower Upper

45 100

77 14.8 0.0 36.4

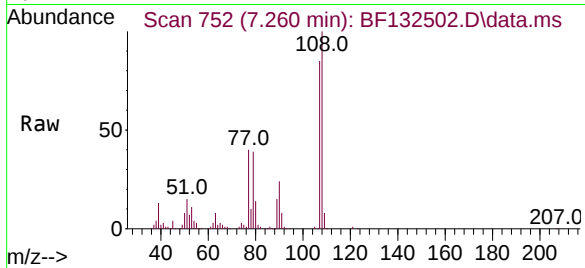
79 12.3 0.0 33.4





#17
2-Methylphenol
Concen: 11.168 ng
RT: 7.260 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

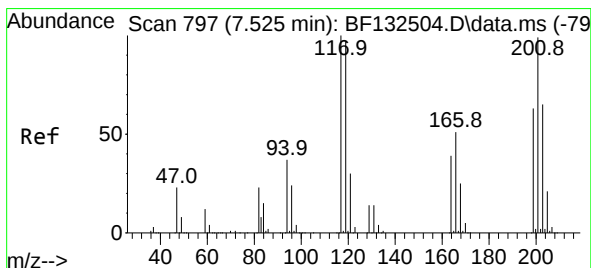
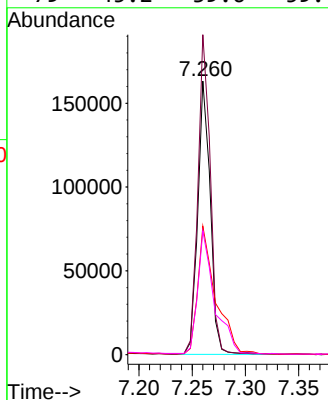
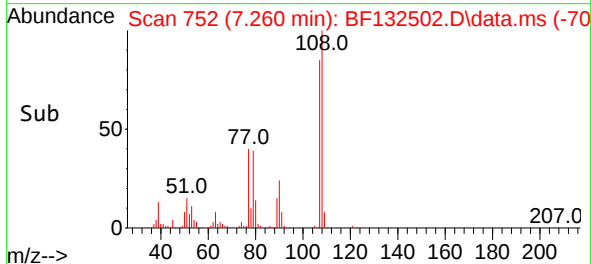
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 132374
Ion Ratio Lower Upper
107 100
108 117.0 93.0 139.4
77 47.0 42.1 63.1
79 45.2 39.6 59.4

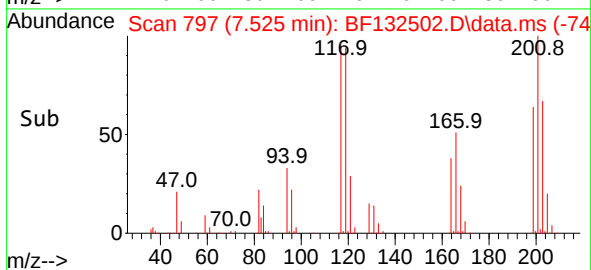
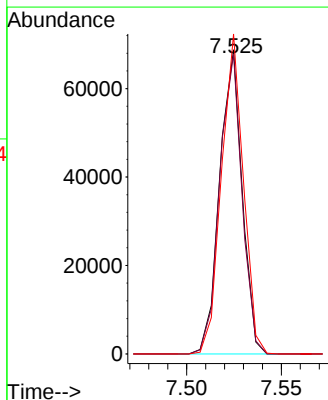
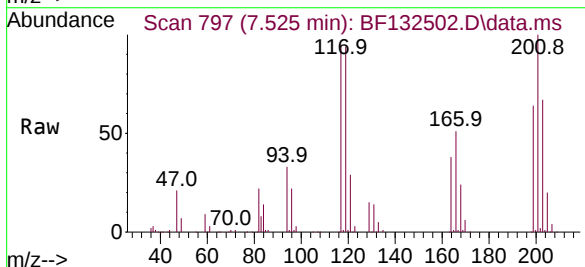
Manual Integrations
APPROVED

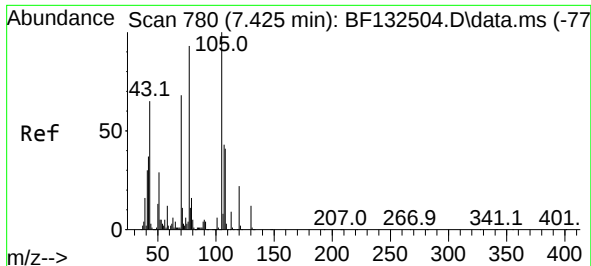
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#18
Hexachloroethane
Concen: 10.657 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

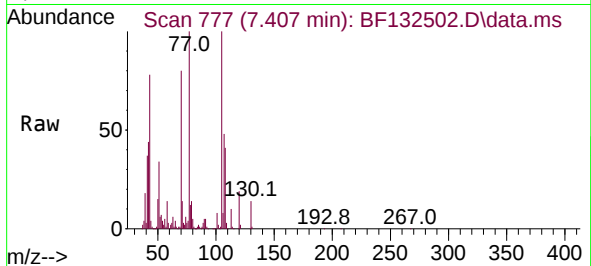
Tgt Ion:117 Resp: 56663
Ion Ratio Lower Upper
117 100
119 98.6 78.0 117.0
201 105.2 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 11.188 ng
RT: 7.407 min Scan# 777
Delta R.T. -0.018 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

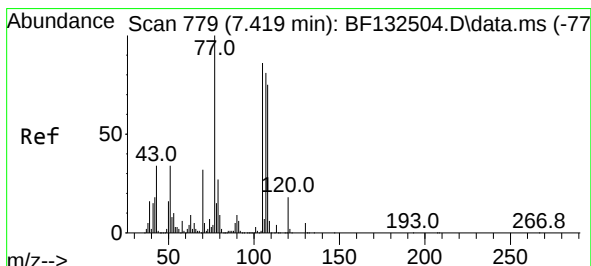
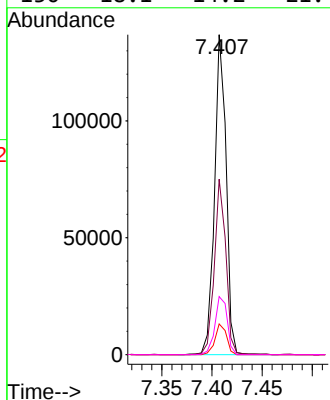
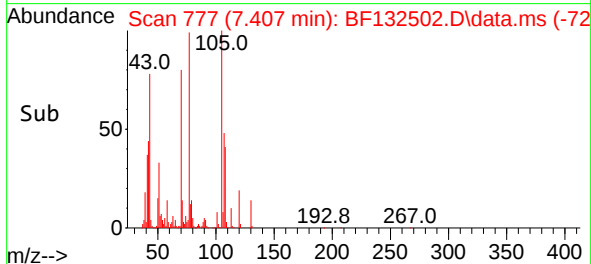
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 70 Resp: 109969
Ion Ratio Lower Upper
70 100
42 54.8 44.1 66.1
101 9.6 7.4 11.2
130 18.1 14.2 21.4

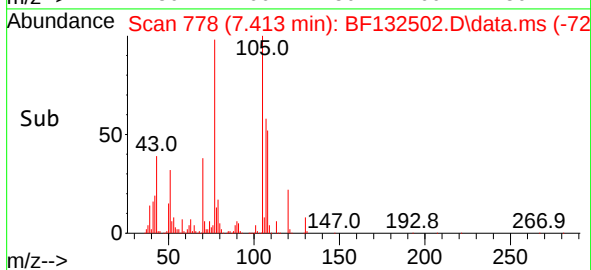
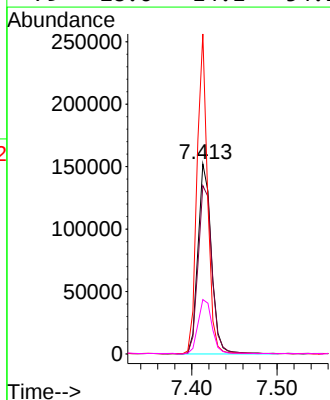
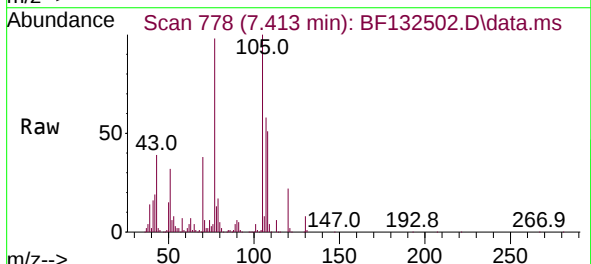
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#20
3+4-Methylphenols
Concen: 10.873 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:107 Resp: 166513
Ion Ratio Lower Upper
107 100
108 88.6 72.6 112.6
77 168.5 104.0 144.0#
79 28.6 14.1 54.1





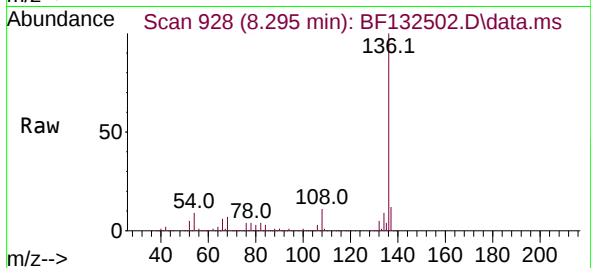
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

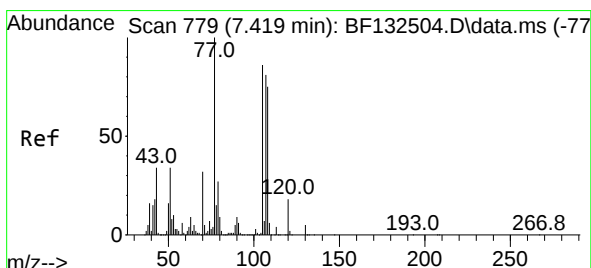
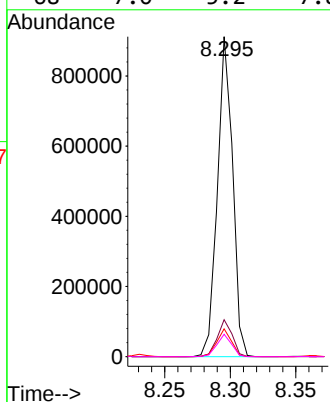
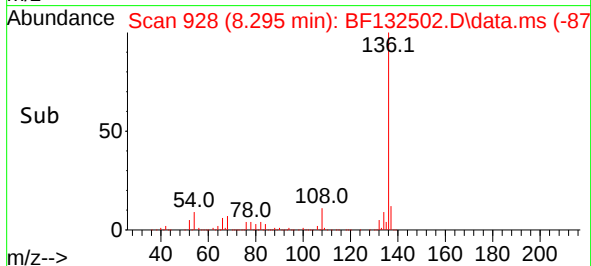


Tgt Ion:136 Resp: 738662
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.7 6.2 9.4
68 7.0 5.2 7.8

Manual Integrations

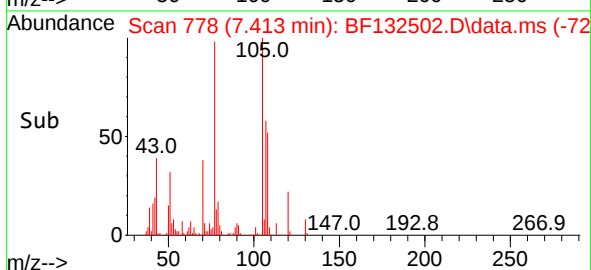
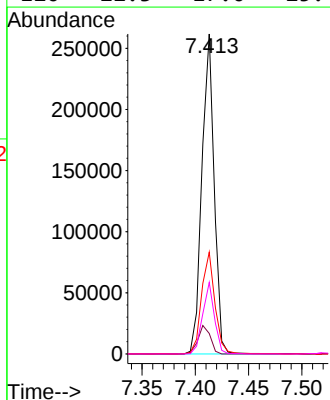
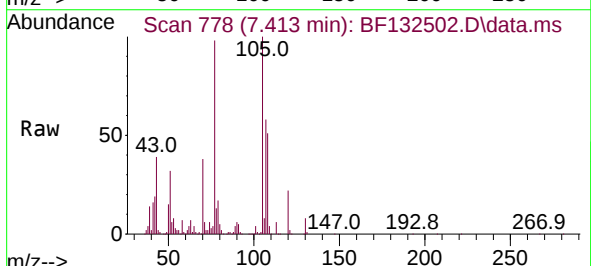
APPROVED

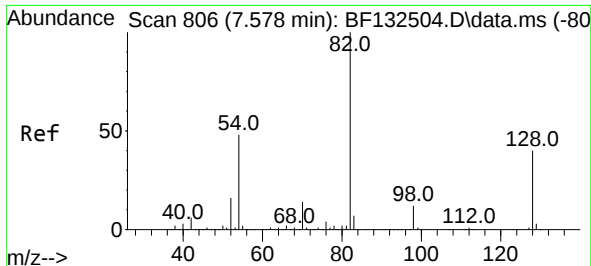
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#22
Acetophenone
Concen: 11.226 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:105 Resp: 209095
Ion Ratio Lower Upper
105 100
71 6.4 5.0 7.4
51 31.8 31.5 47.3
120 22.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 20.968 ng

RT: 7.572 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 326450

Ion Ratio Lower Upper

82 100

128 43.8 32.2 48.2

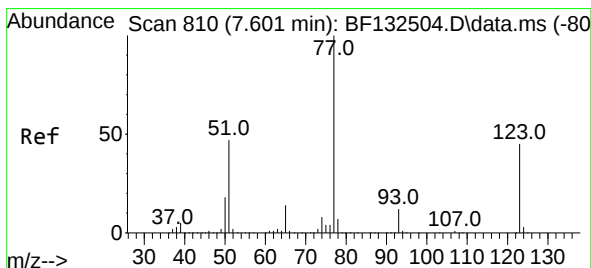
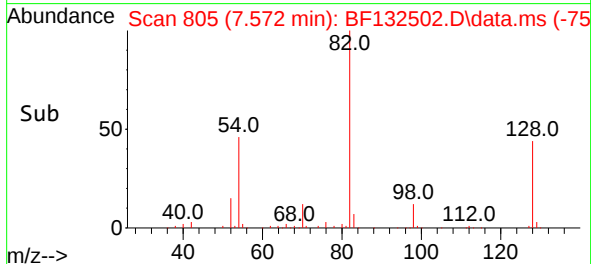
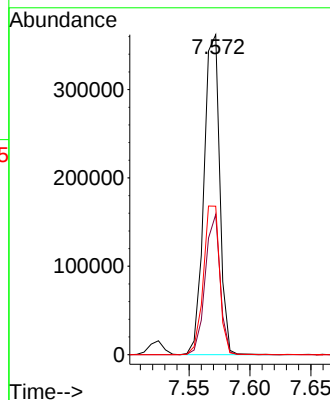
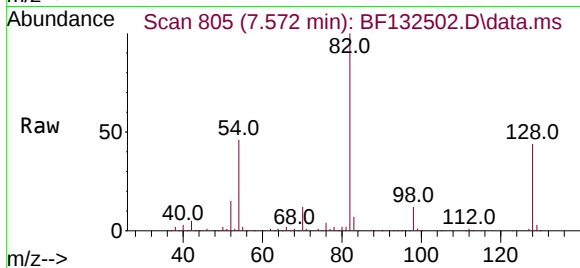
54 46.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#24

Nitrobenzene

Concen: 10.370 ng

RT: 7.589 min Scan# 808

Delta R.T. -0.012 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

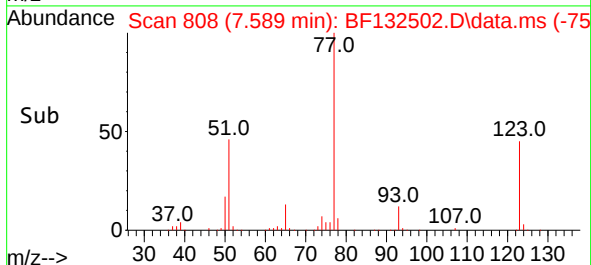
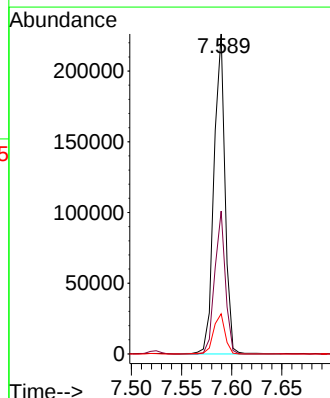
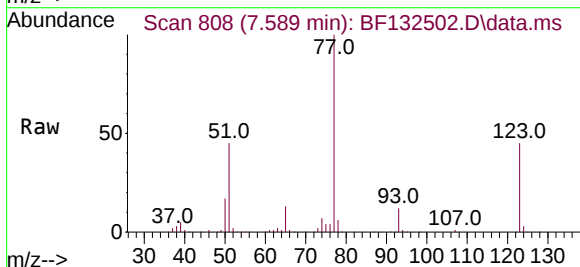
Tgt Ion: 77 Resp: 172674

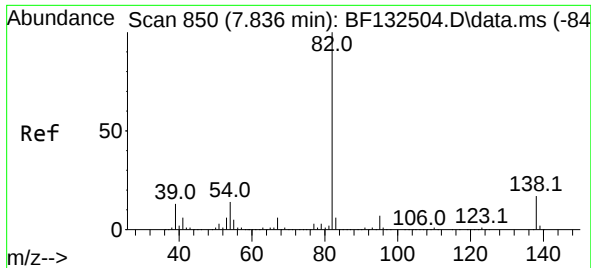
Ion Ratio Lower Upper

77 100

123 44.6 35.8 53.6

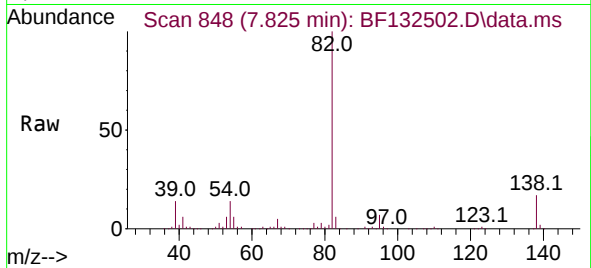
65 12.5 10.9 16.3





#25
Isophorone
Concen: 10.165 ng
RT: 7.825 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

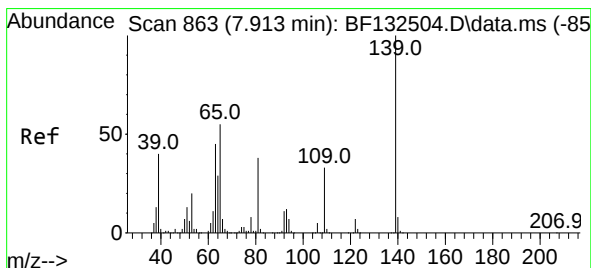
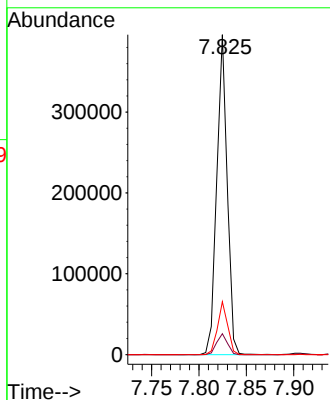
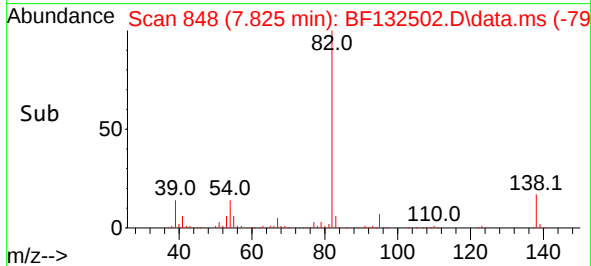
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 303408
Ion Ratio Lower Upper
82 100
95 6.5 5.7 8.5
138 16.5 13.3 19.9

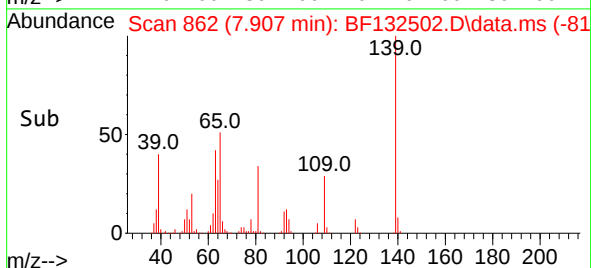
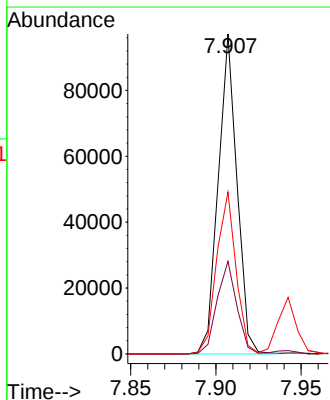
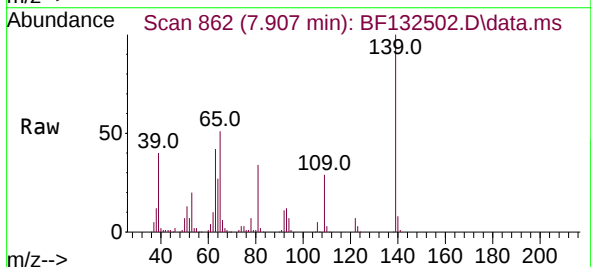
Manual Integrations
APPROVED

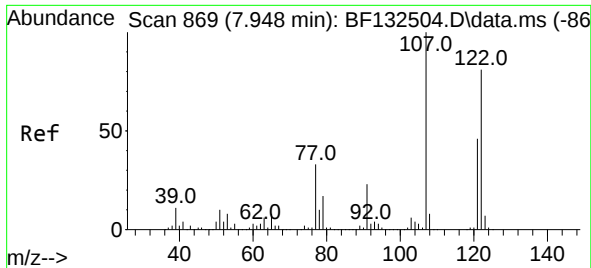
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#26
2-Nitrophenol
Concen: 10.118 ng
RT: 7.907 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:139 Resp: 74334
Ion Ratio Lower Upper
139 100
109 28.9 26.2 39.2
65 50.6 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 10.835 ng
RT: 7.942 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

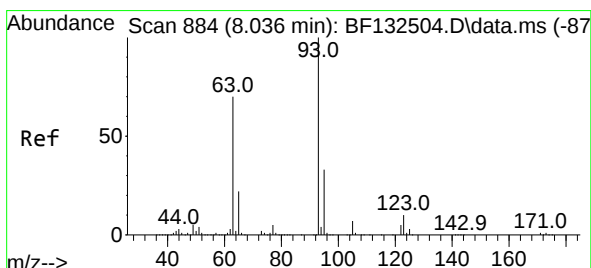
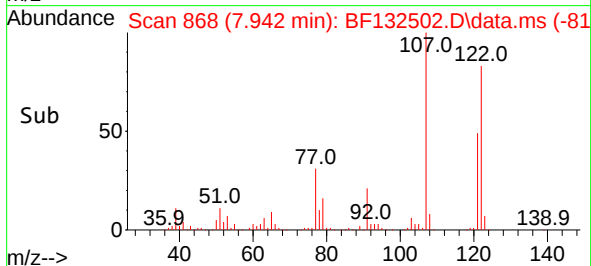
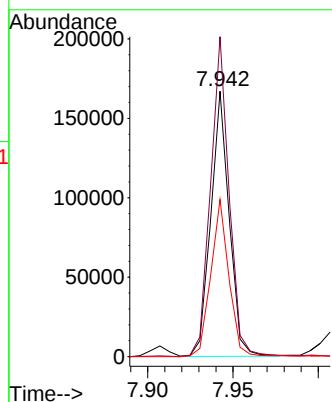
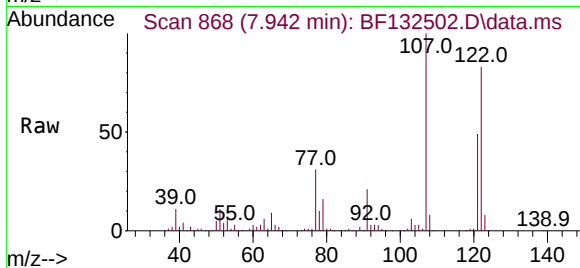
ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 125628
Ion Ratio Lower Upper
122 100
107 120.6 98.7 148.1
121 59.3 45.8 68.6

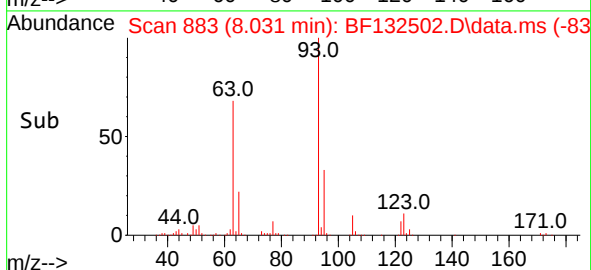
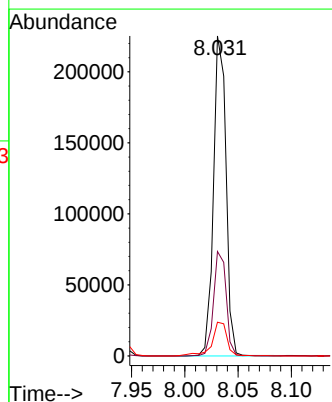
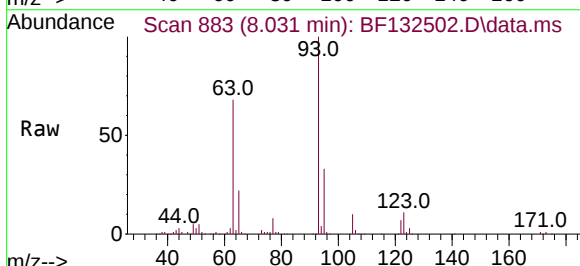
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 10.583 ng
RT: 8.031 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion: 93 Resp: 184791
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 10.620 ng

RT: 8.160 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

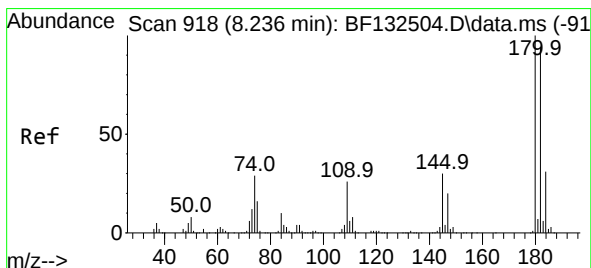
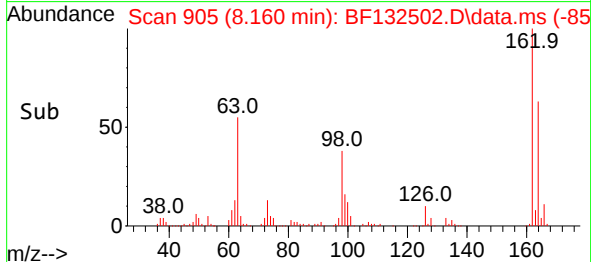
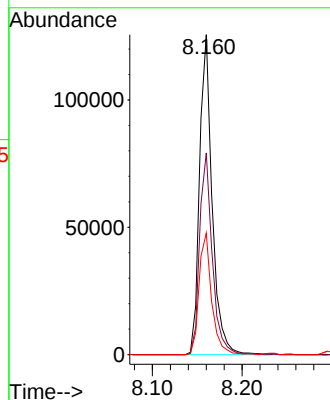
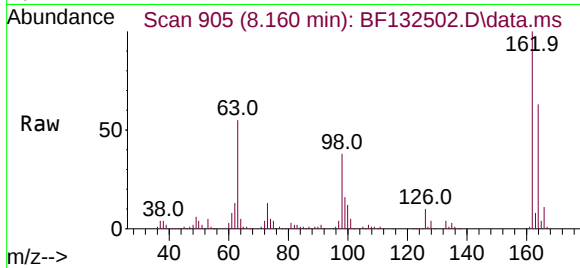
SSTDICC010

Tgt Ion:162 Resp: 122491
 Ion Ratio Lower Upper
 162 100
 164 63.0 45.3 85.3
 98 38.0 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 10.625 ng

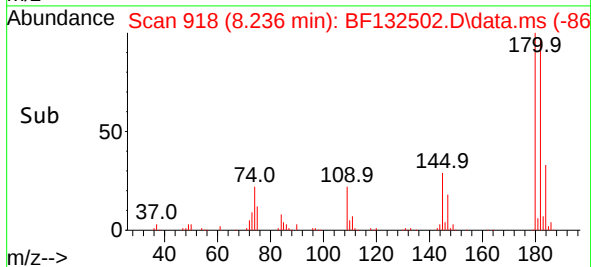
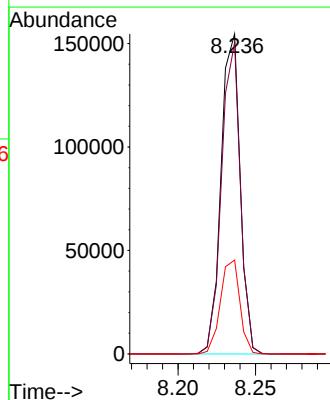
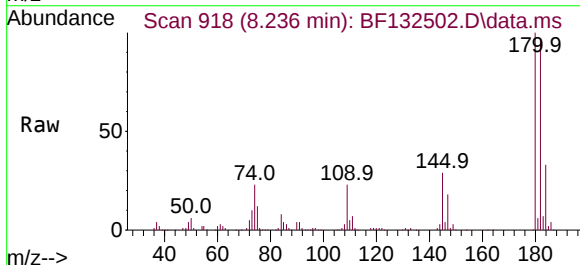
RT: 8.236 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

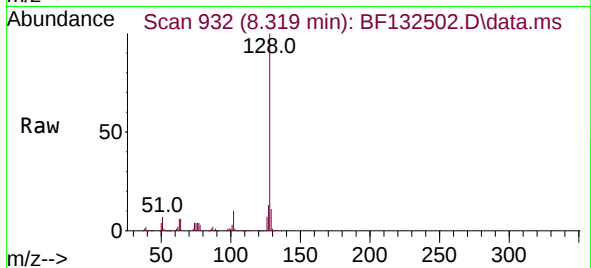
Tgt Ion:180 Resp: 133077
 Ion Ratio Lower Upper
 180 100
 182 97.3 75.1 112.7
 145 29.3 23.8 35.6





#31
Naphthalene
Concen: 11.122 ng
RT: 8.319 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

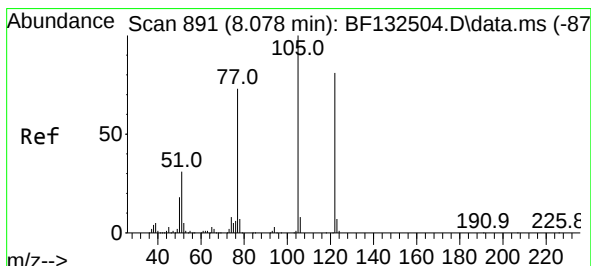
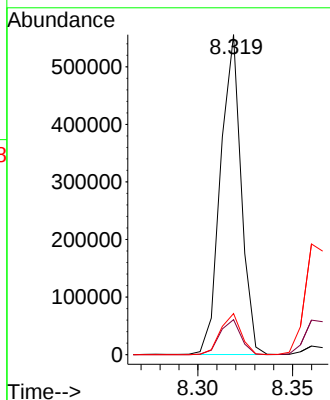
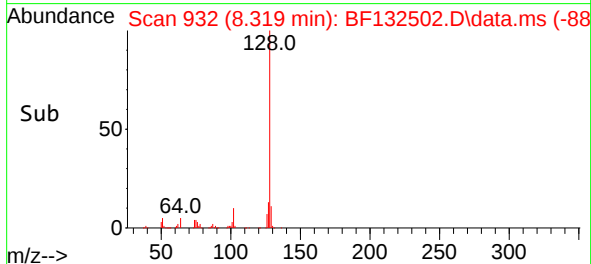
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 420572
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.8 11.0 16.6

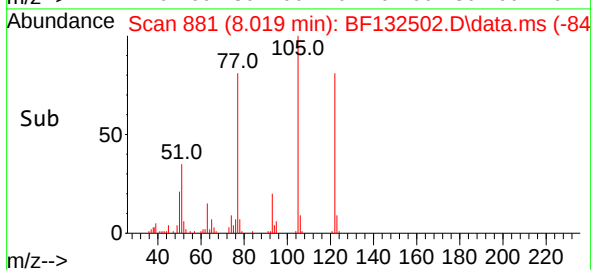
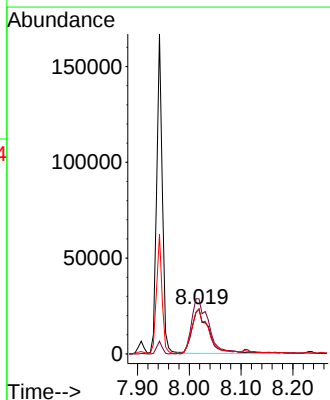
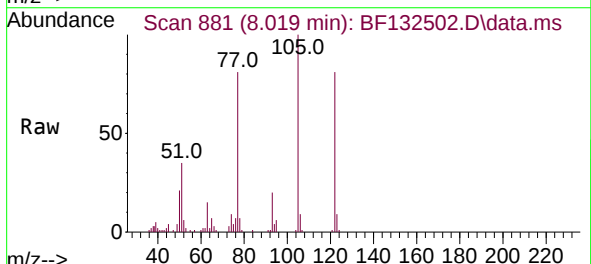
Manual Integrations
APPROVED

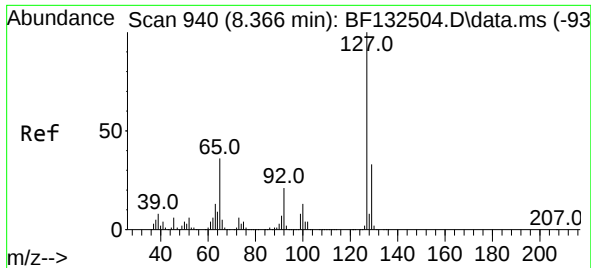
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#32
Benzoic acid
Concen: 9.052 ng m
RT: 8.019 min Scan# 881
Delta R.T. -0.059 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:122 Resp: 52075
Ion Ratio Lower Upper
122 100
105 122.8 102.6 142.6
77 99.9 70.2 110.2





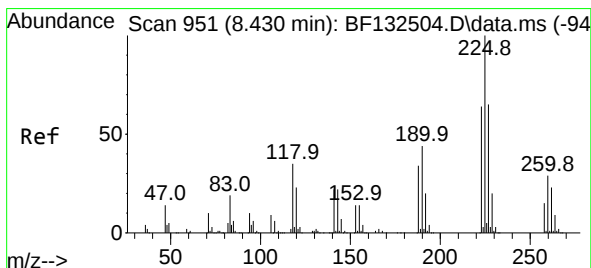
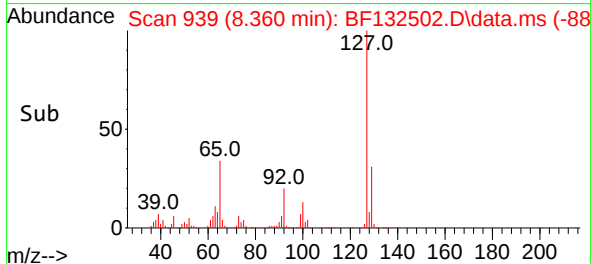
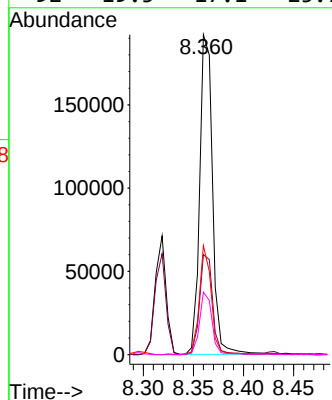
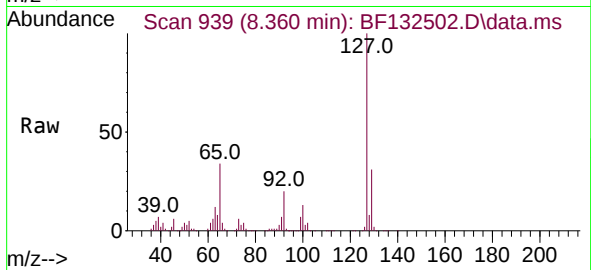
#33
4-Chloroaniline
Concen: 10.545 ng
RT: 8.360 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 170874
Ion Ratio Lower Upper
127 100
129 31.2 26.4 39.6
65 34.0 28.8 43.2
92 19.5 17.1 25.7

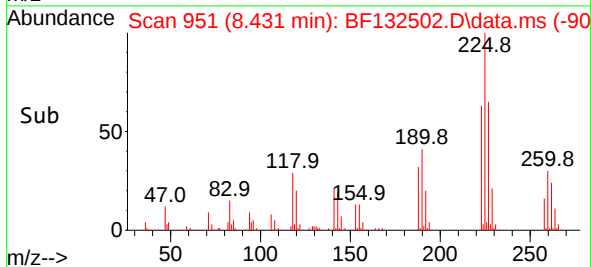
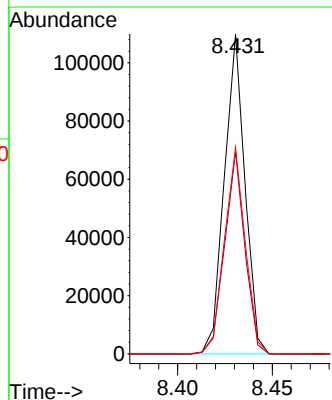
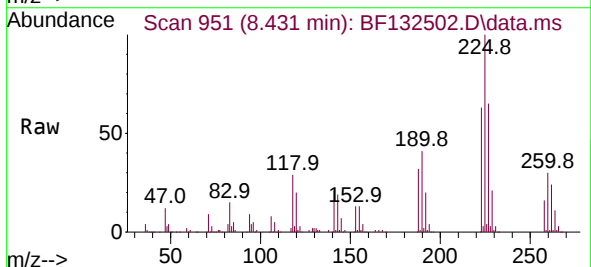
Manual Integrations
APPROVED

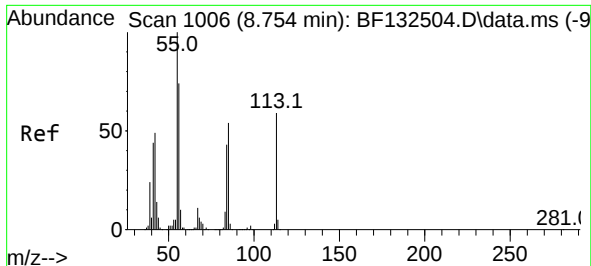
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#34
Hexachlorobutadiene
Concen: 10.471 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

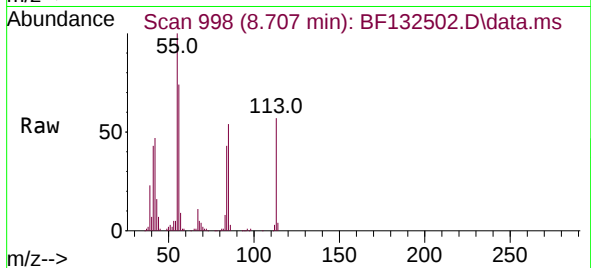
Tgt Ion:225 Resp: 83338
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.4
227 64.5 51.7 77.5





#35
Caprolactam
Concen: 9.885 ng
RT: 8.707 min Scan# 998
Delta R.T. -0.047 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

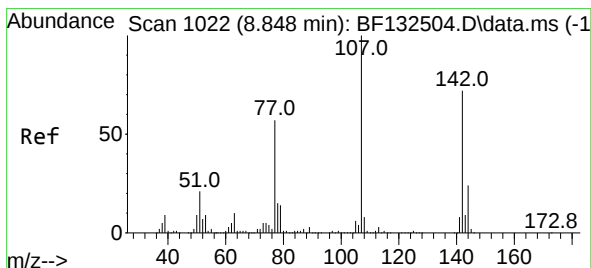
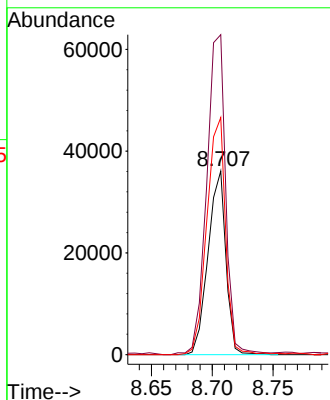
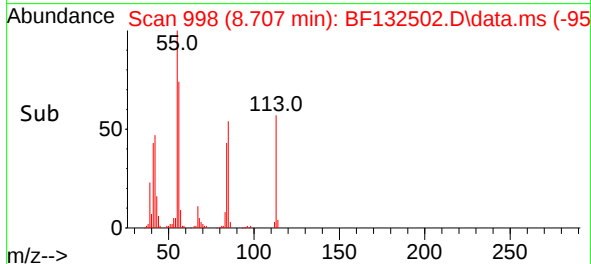
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 36781
Ion Ratio Lower Upper
113 100
55 174.2 149.4 189.4
56 129.1 105.0 145.0

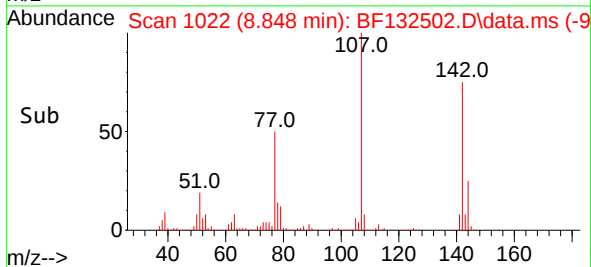
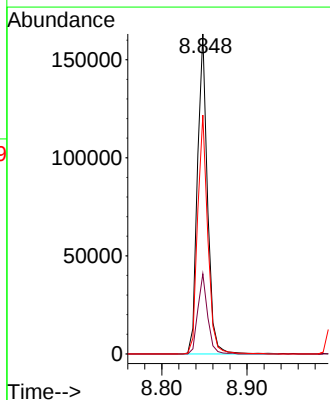
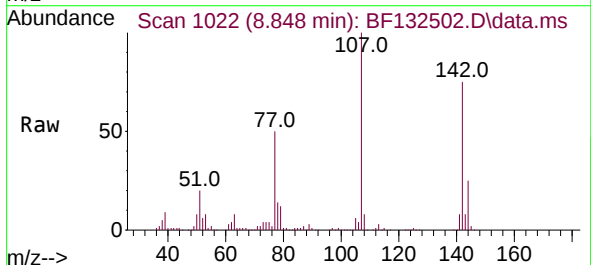
Manual Integrations
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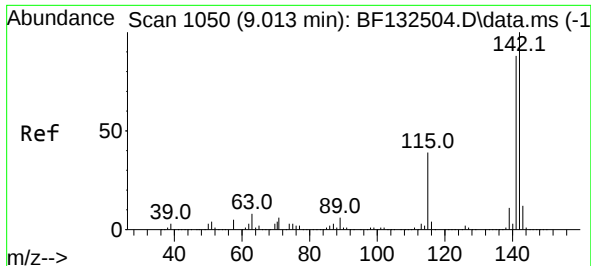
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#36
4-Chloro-3-methylphenol
Concen: 10.502 ng
RT: 8.848 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:107 Resp: 133035
Ion Ratio Lower Upper
107 100
144 25.0 18.9 28.3
142 74.6 57.9 86.9





#37

2-Methylnaphthalene

Concen: 11.098 ng

RT: 9.007 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:142 Resp: 285999

Ion Ratio Lower Upper

142 100

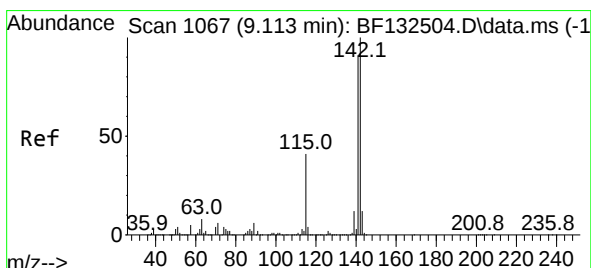
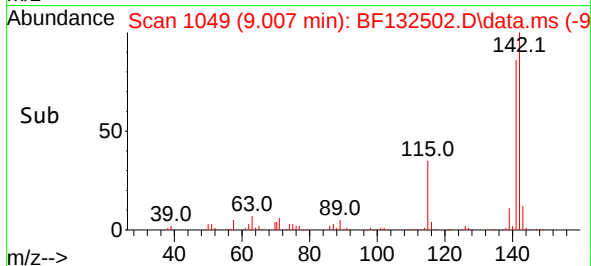
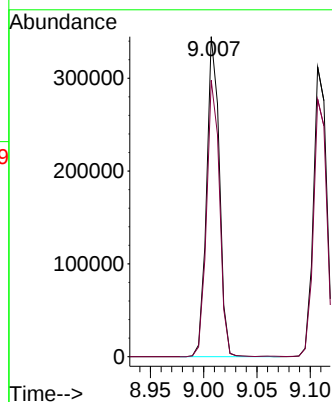
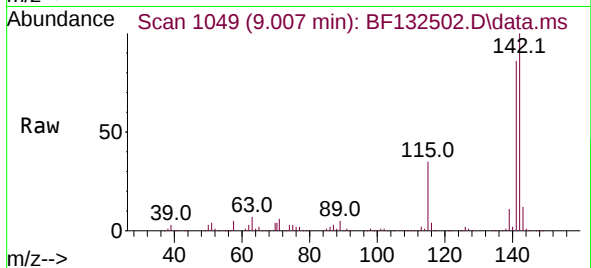
141 86.3 70.2 105.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#38

1-Methylnaphthalene

Concen: 11.162 ng

RT: 9.107 min Scan# 1066

Delta R.T. -0.006 min

Lab File: BF132502.D

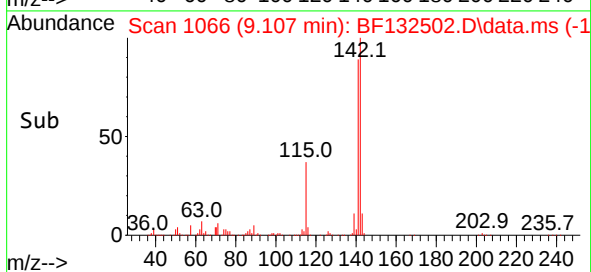
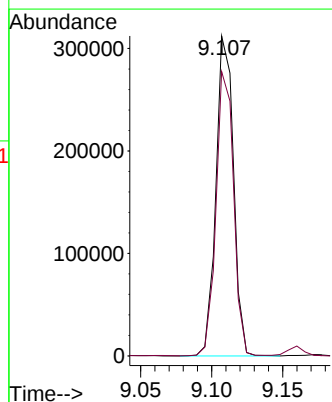
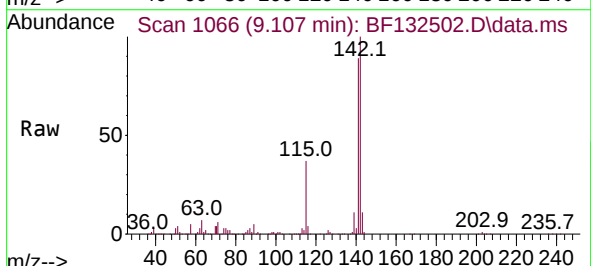
Acq: 22 Feb 2023 13:14

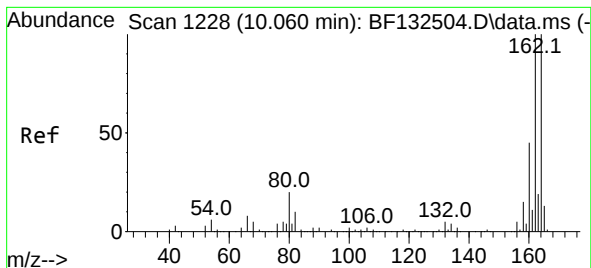
Tgt Ion:142 Resp: 268821

Ion Ratio Lower Upper

142 100

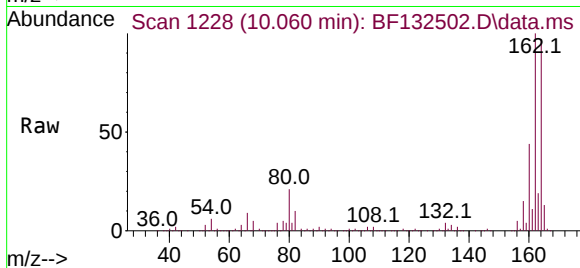
141 88.8 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

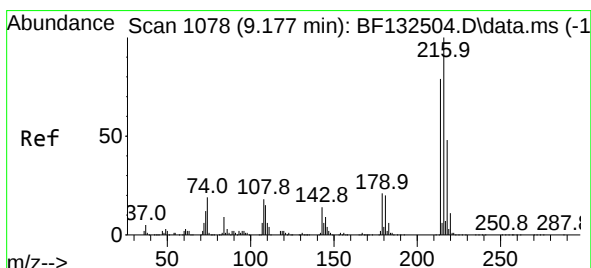
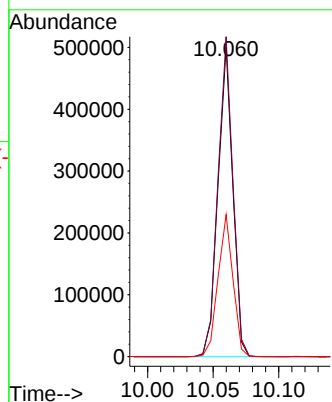
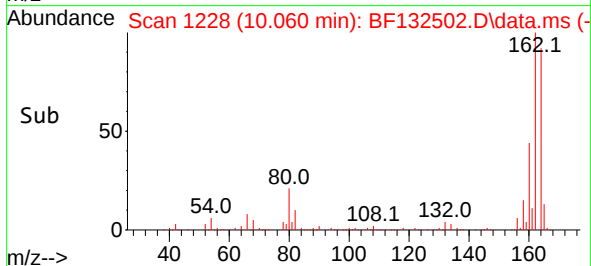
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



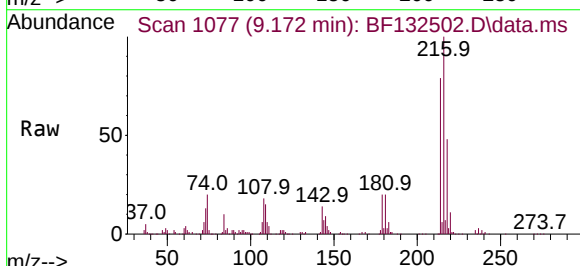
Tgt Ion:164 Resp: 396042
Ion Ratio Lower Upper
164 100
162 103.4 79.8 119.8
160 45.9 35.8 53.6

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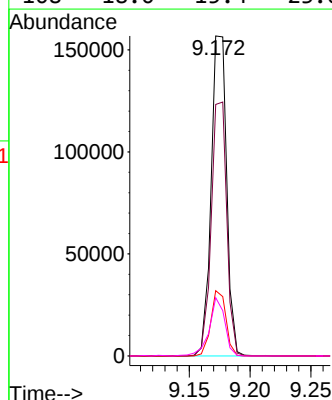
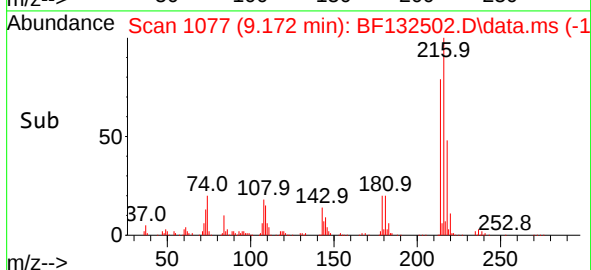
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

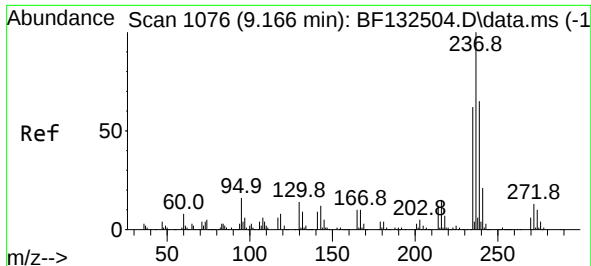


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.793 ng
RT: 9.172 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



Tgt Ion:216 Resp: 139846
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.6
179 19.7 16.6 24.8
108 18.0 15.4 23.0





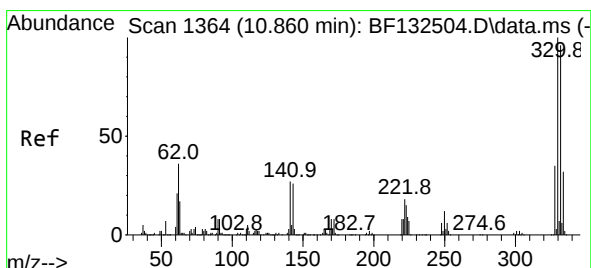
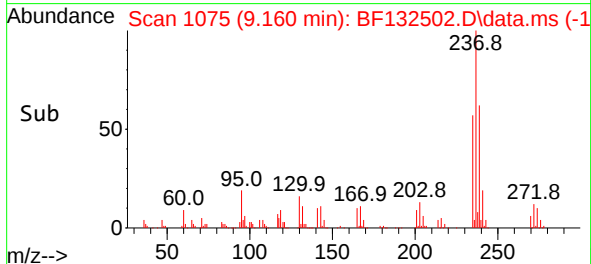
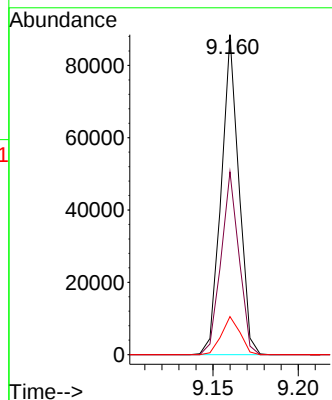
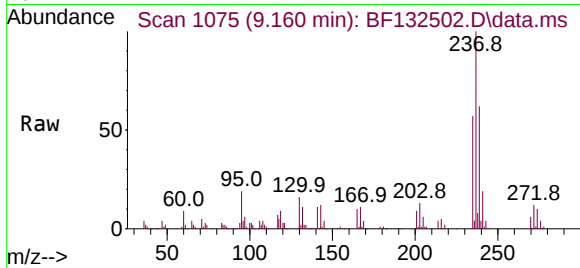
#41
Hexachlorocyclopentadiene
Concen: 9.048 ng
RT: 9.160 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 63589
Ion Ratio Lower Upper
237 100
235 57.1 42.4 82.4
272 11.9 0.0 32.7

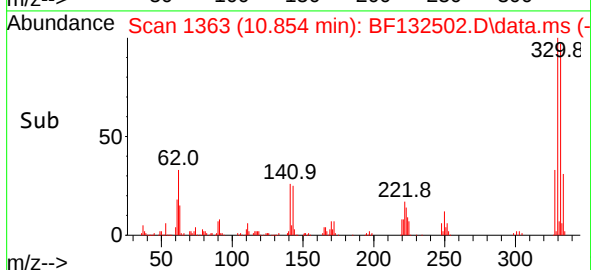
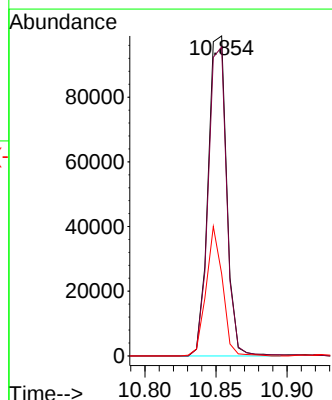
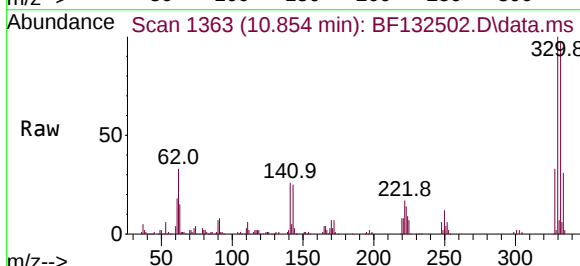
Manual Integrations
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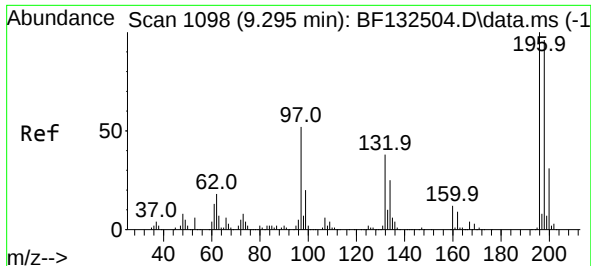
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#42
2,4,6-Tribromophenol
Concen: 21.030 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

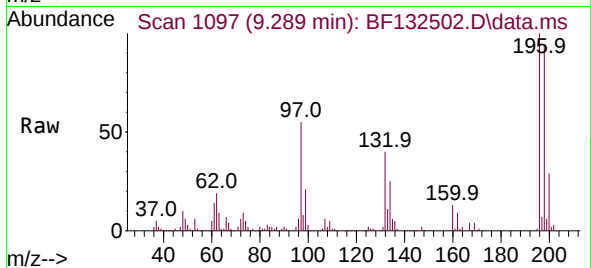
Tgt Ion:330 Resp: 89949
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 35.6 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 10.410 ng
RT: 9.289 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

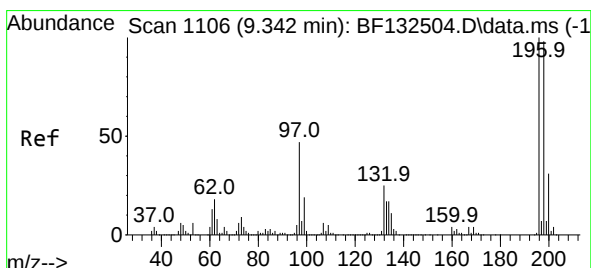
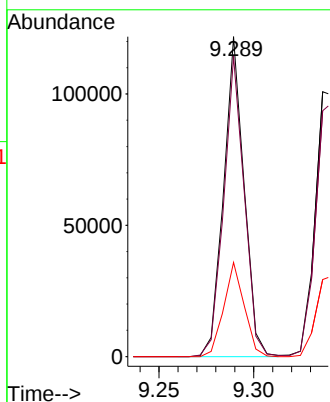
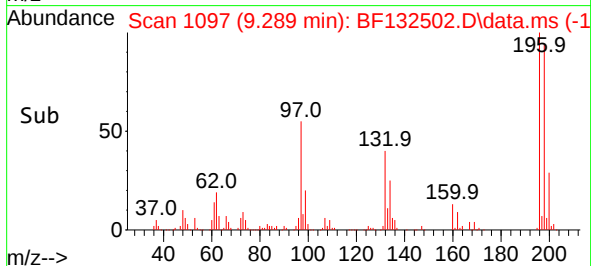
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



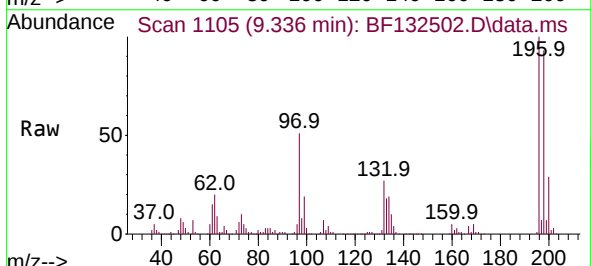
Tgt Ion:196 Resp: 91415
Ion Ratio Lower Upper
196 100
198 93.8 77.1 115.7
200 29.4 25.0 37.4

Manual Integrations
APPROVED

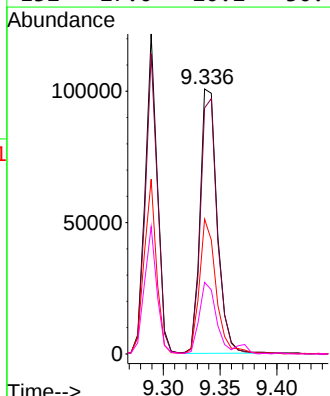
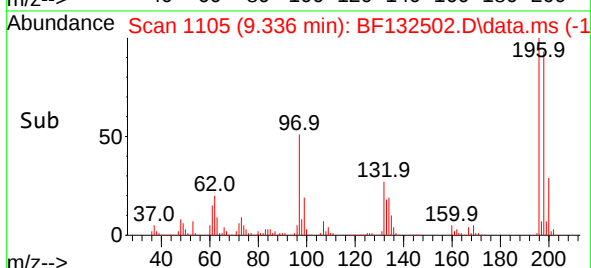
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

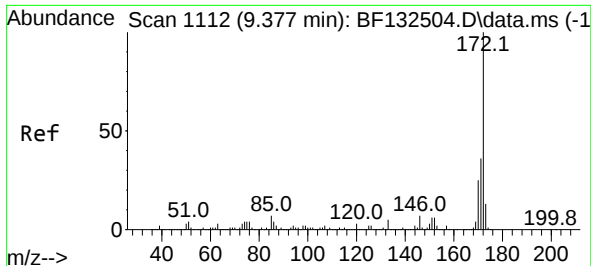


#44
2,4,5-Trichlorophenol
Concen: 10.319 ng
RT: 9.336 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



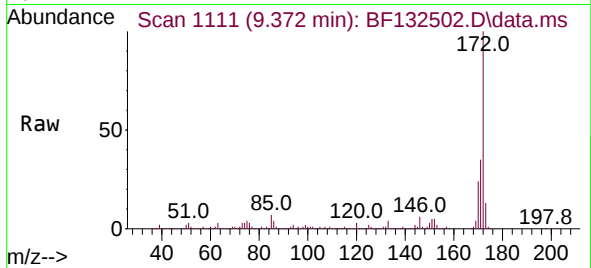
Tgt Ion:196 Resp: 105759
Ion Ratio Lower Upper
196 100
198 92.8 78.3 117.5
97 50.9 38.1 57.1
132 27.0 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 22.646 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

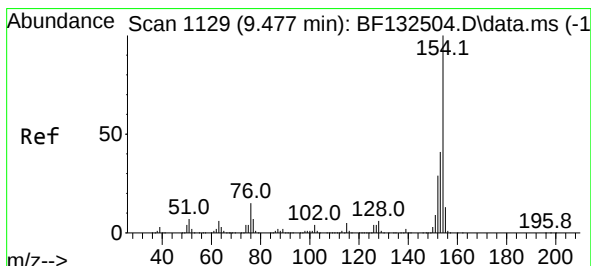
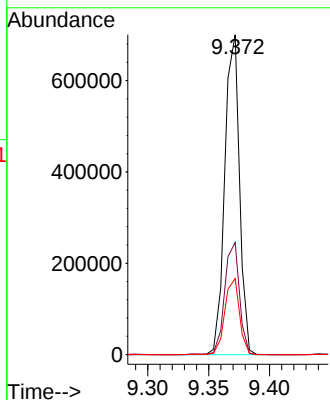
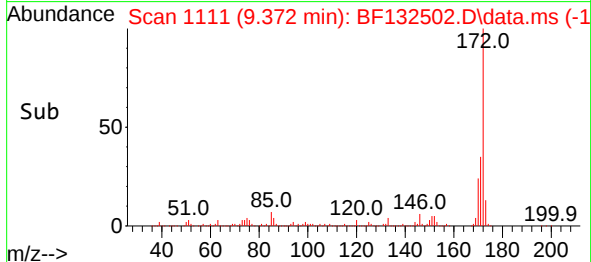
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 589016
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.8 19.7 29.5

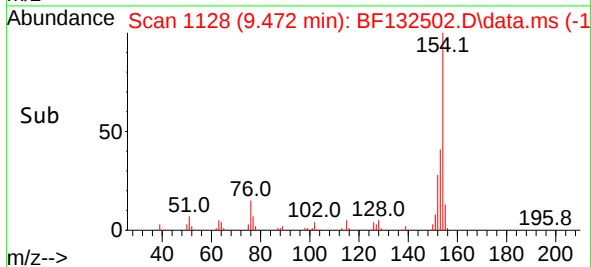
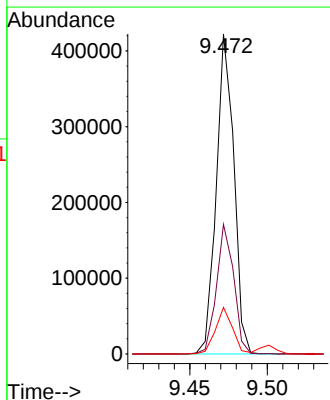
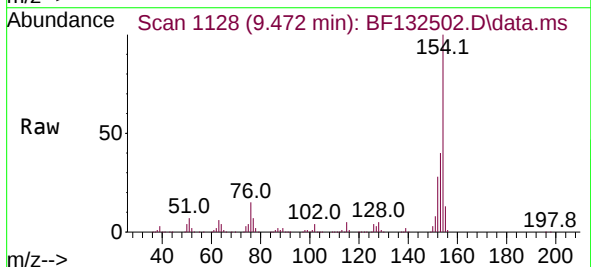
Manual Integrations
APPROVED

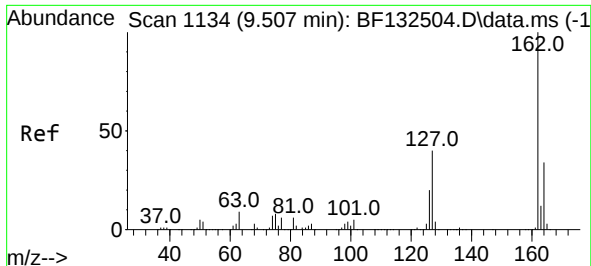
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#46
1,1'-Biphenyl
Concen: 11.120 ng
RT: 9.472 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:154 Resp: 333318
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 14.5 0.0 34.7





#47

2-Chloronaphthalene

Concen: 10.964 ng

RT: 9.501 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 260572

Ion Ratio Lower Upper

162 100

127 38.0 32.3 48.5

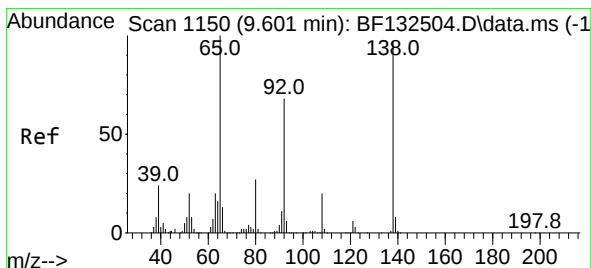
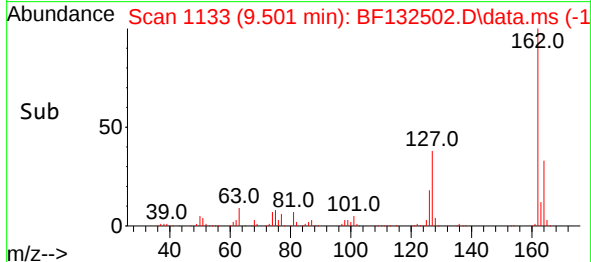
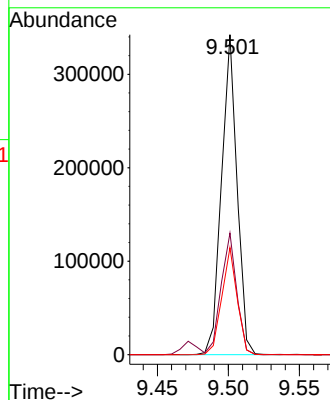
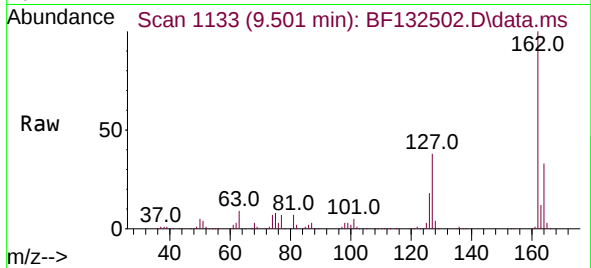
164 33.4 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#48

2-Nitroaniline

Concen: 10.149 ng

RT: 9.595 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

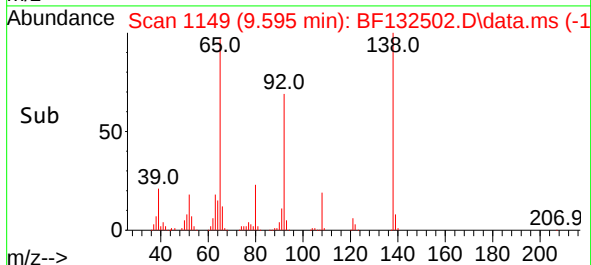
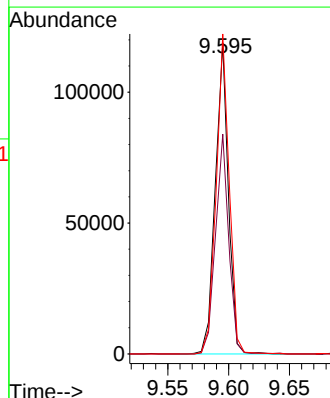
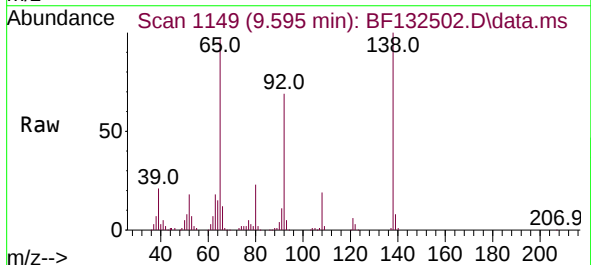
Tgt Ion: 65 Resp: 88835

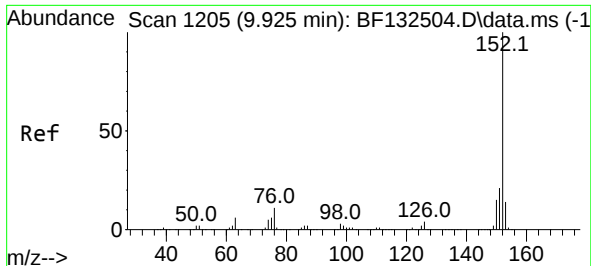
Ion Ratio Lower Upper

65 100

92 70.7 54.5 81.7

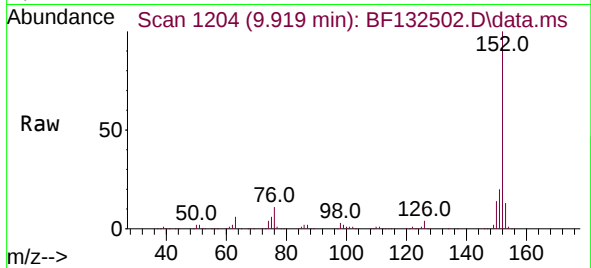
138 102.9 77.2 115.8





#49
Acenaphthylene
Concen: 11.190 ng
RT: 9.919 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

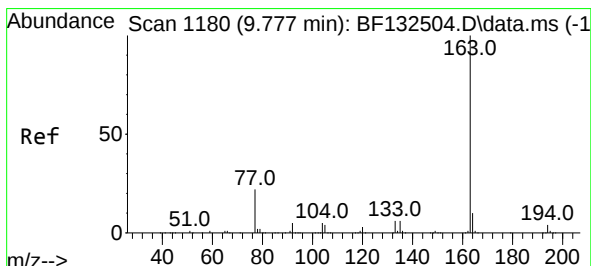
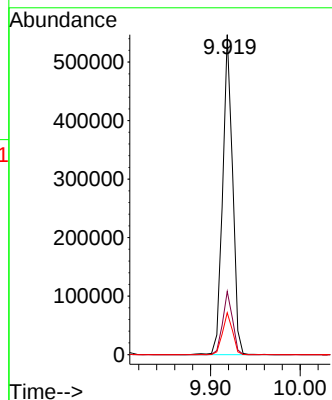
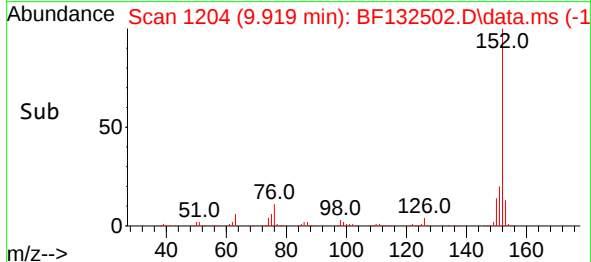
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



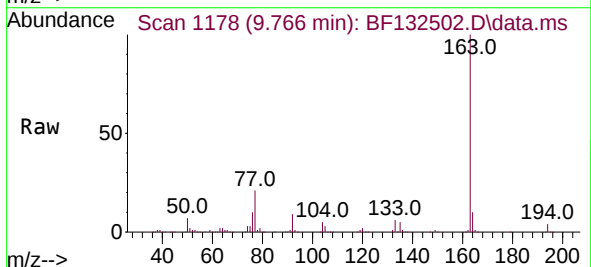
Tgt Ion:152 Resp: 423243
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.1 11.0 16.6

Manual Integrations
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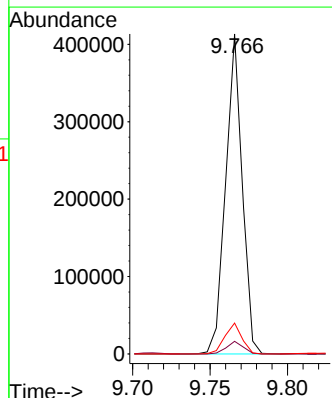
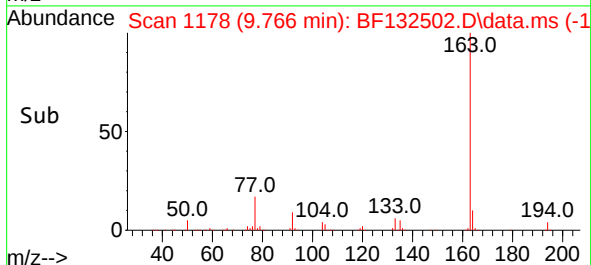
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

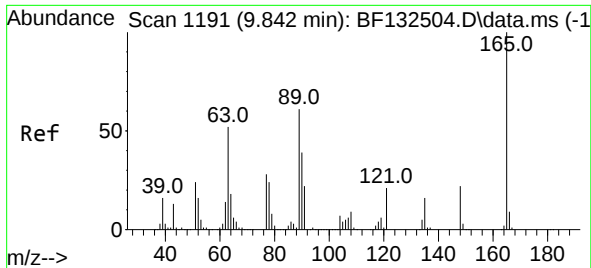


#50
Dimethylphthalate
Concen: 10.709 ng
RT: 9.766 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



Tgt Ion:163 Resp: 308816
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 8.3 12.5





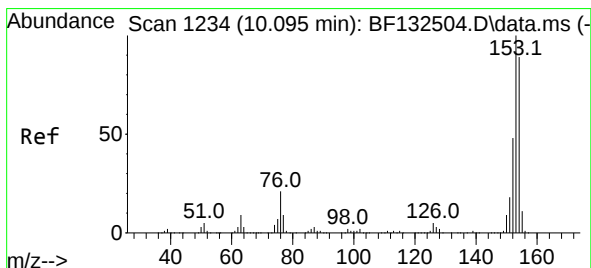
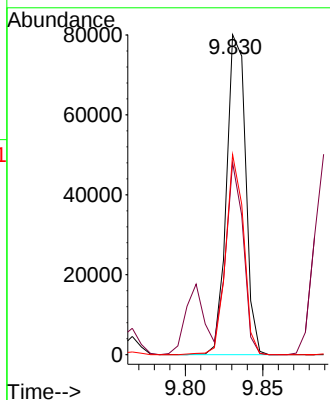
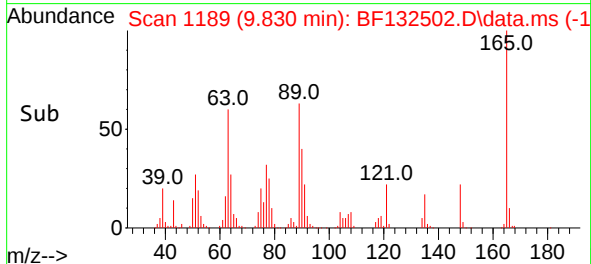
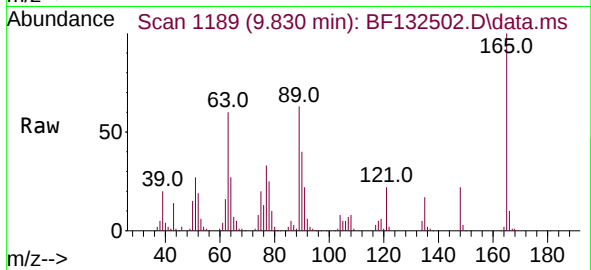
#51
2,6-Dinitrotoluene
Concen: 10.488 ng
RT: 9.830 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 68876
Ion Ratio Lower Upper
165 100
63 60.0 47.3 70.9
89 62.5 48.9 73.3

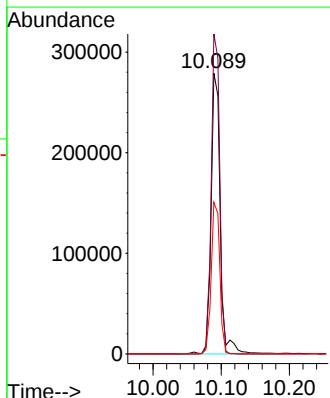
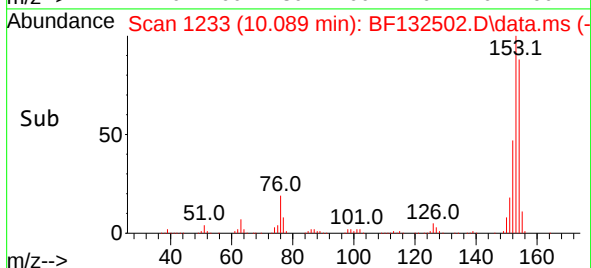
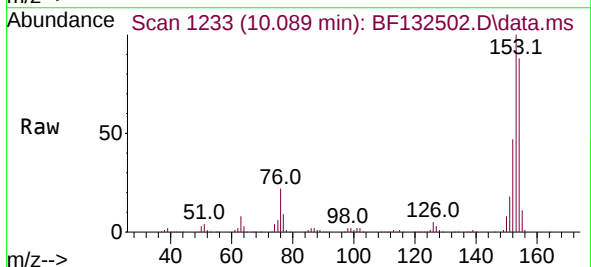
Manual Integrations
APPROVED

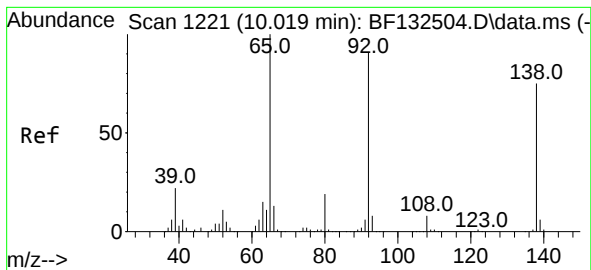
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#52
Acenaphthene
Concen: 10.890 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:154 Resp: 257465
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.8
152 54.0 43.3 64.9





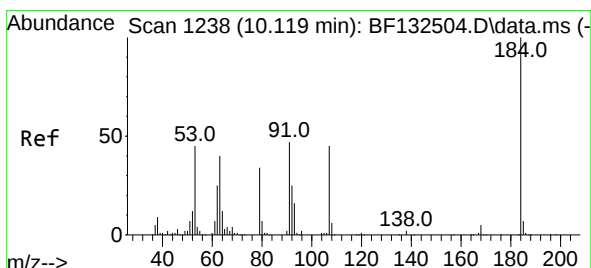
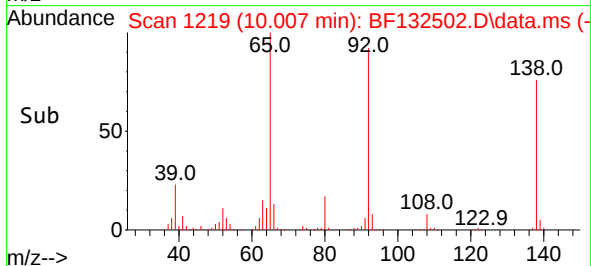
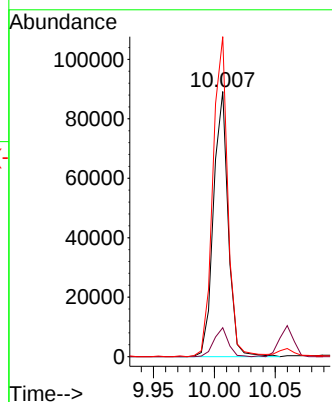
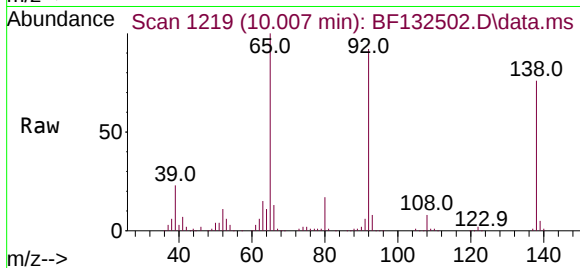
#53
3-Nitroaniline
Concen: 10.154 ng
RT: 10.007 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 74595
Ion Ratio Lower Upper
138 100
108 10.9 8.1 12.1
92 120.8 97.2 145.8

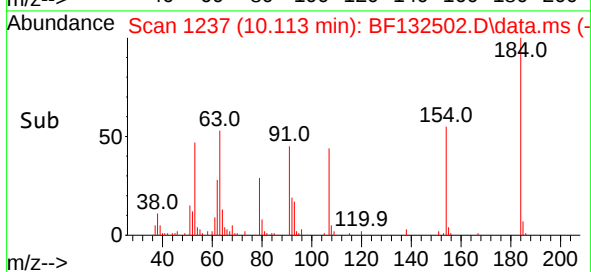
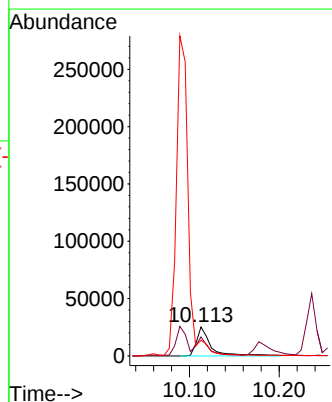
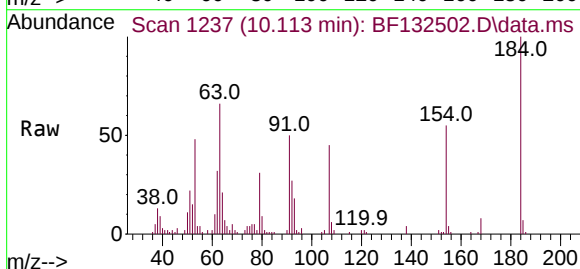
Manual Integrations
APPROVED

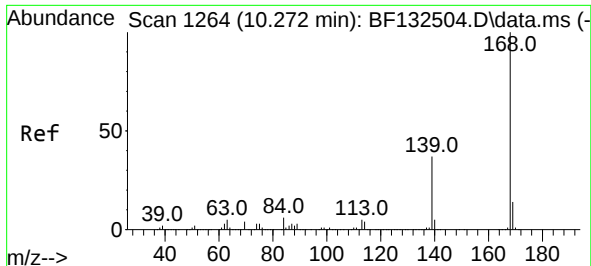
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#54
2,4-Dinitrophenol
Concen: 8.356 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

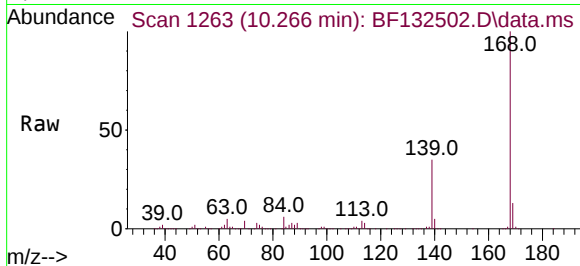
Tgt Ion:184 Resp: 27582
Ion Ratio Lower Upper
184 100
63 65.8 51.4 77.2
154 54.8 48.3 72.5





#55
Dibenzofuran
Concen: 11.295 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

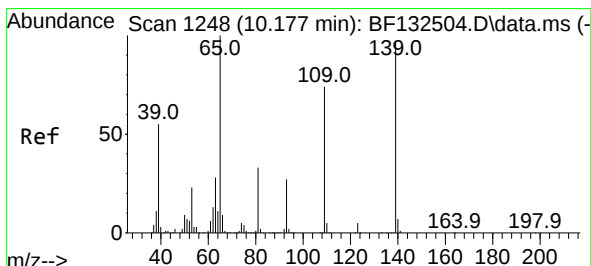
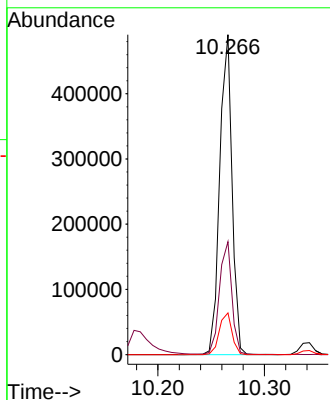
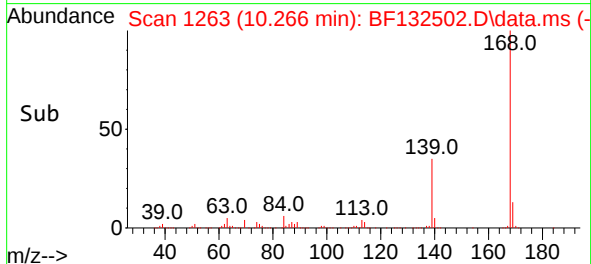
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 395483
Ion Ratio Lower Upper
168 100
139 35.3 29.8 44.6
169 13.0 10.9 16.3

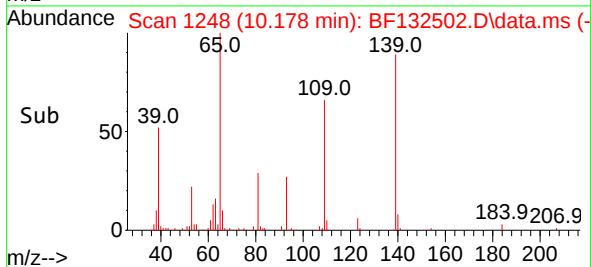
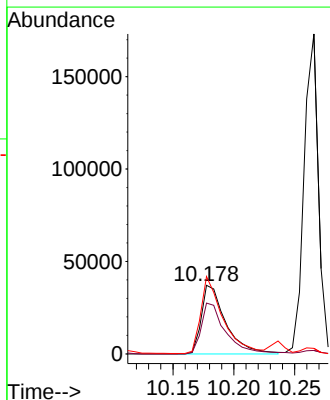
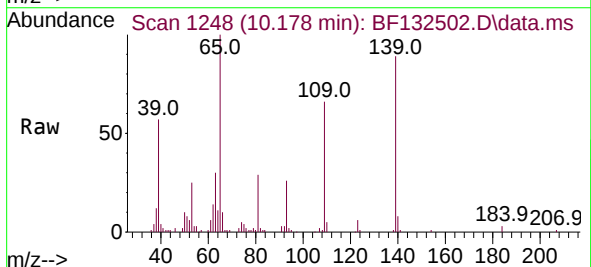
Manual Integrations
APPROVED

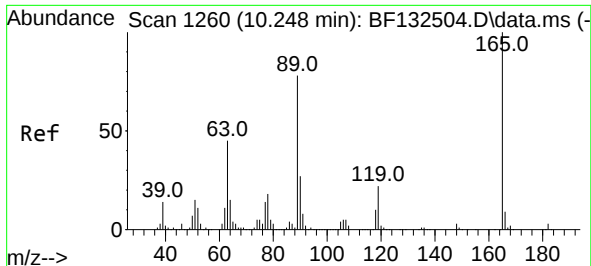
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#56
4-Nitrophenol
Concen: 9.439 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

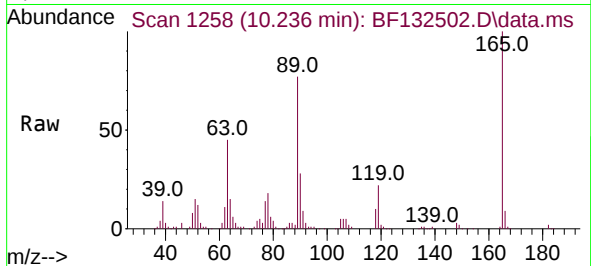
Tgt Ion:139 Resp: 51714
Ion Ratio Lower Upper
139 100
109 74.2 56.7 96.7
65 112.8 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 10.402 ng
RT: 10.236 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

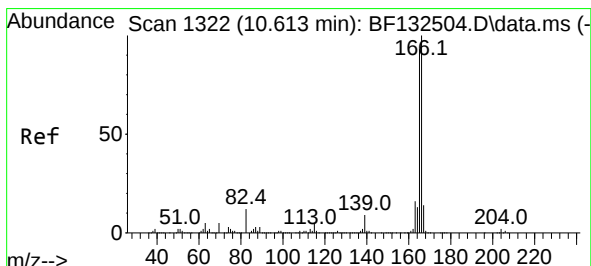
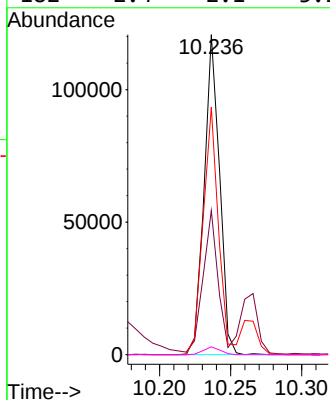
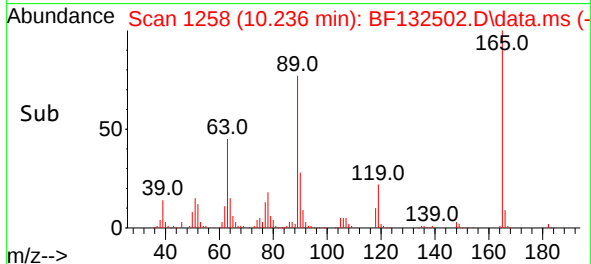
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 90886
Ion Ratio Lower Upper
165 100
63 45.0 36.5 54.7
89 77.3 62.4 93.6
182 2.4 2.1 3.1

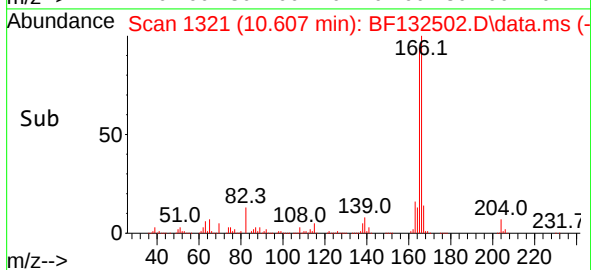
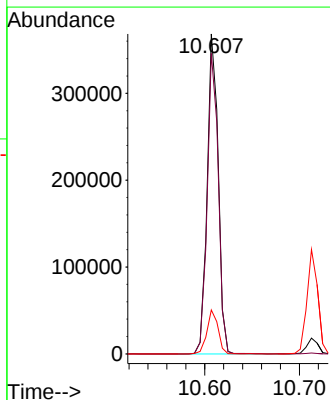
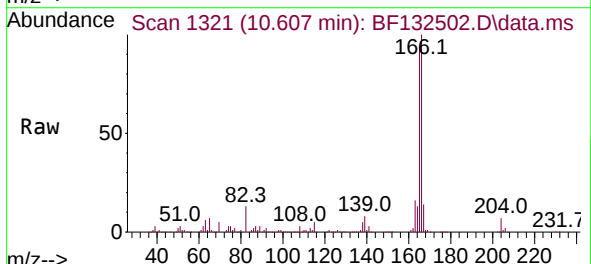
Manual Integrations
APPROVED

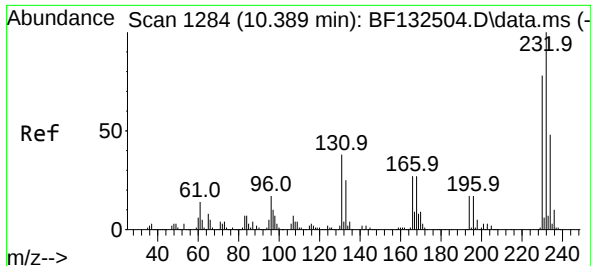
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#58
Fluorene
Concen: 11.189 ng
RT: 10.607 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

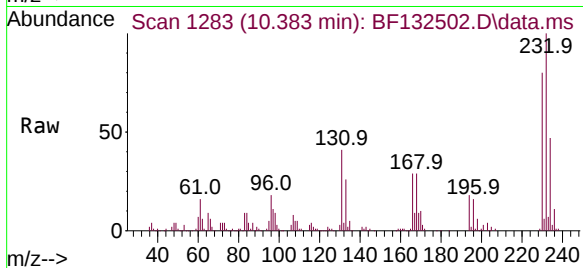
Tgt Ion:166 Resp: 299671
Ion Ratio Lower Upper
166 100
165 93.9 74.2 111.4
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.195 ng
RT: 10.383 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

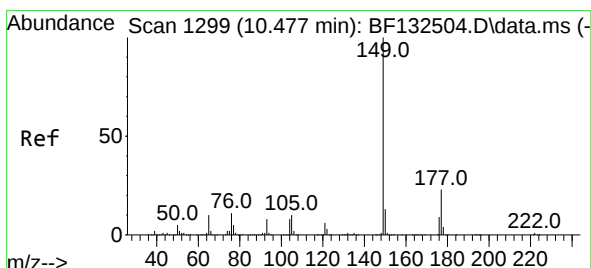
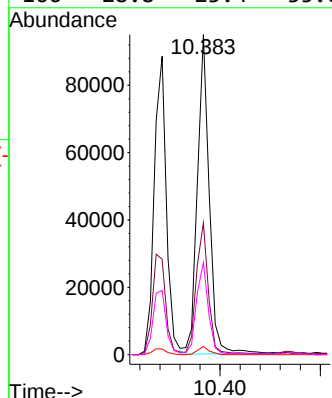
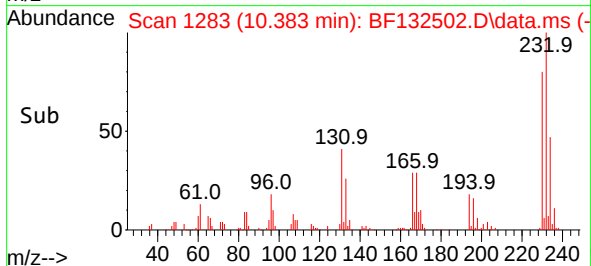
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



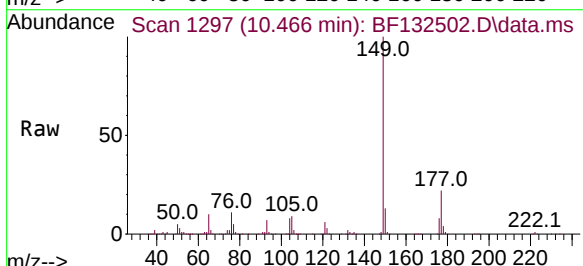
Tgt Ion:232 Resp: 77617
Ion Ratio Lower Upper
232 100
131 41.5 33.8 50.8
130 2.4 1.7 2.5
166 28.8 23.4 35.0

Manual Integrations
APPROVED

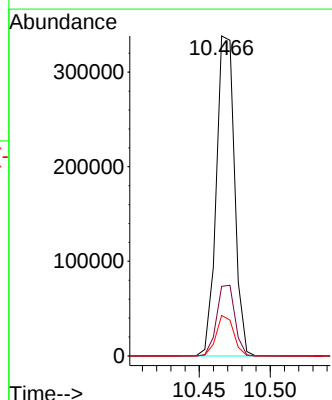
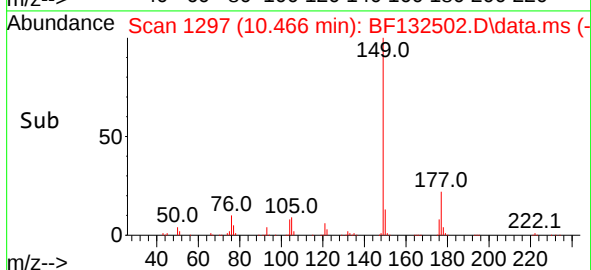
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

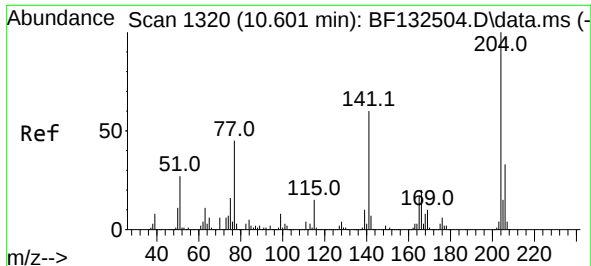


#60
Diethylphthalate
Concen: 10.728 ng
RT: 10.466 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



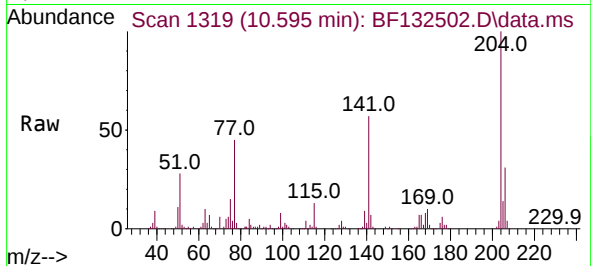
Tgt Ion:149 Resp: 302141
Ion Ratio Lower Upper
149 100
177 21.7 18.1 27.1
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 11.132 ng
RT: 10.595 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

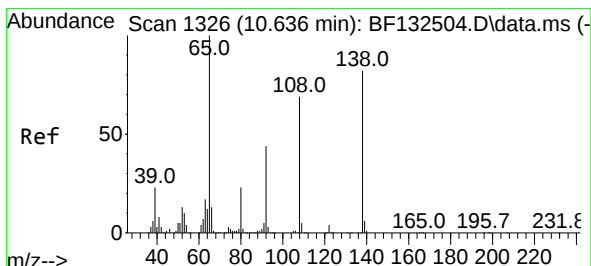
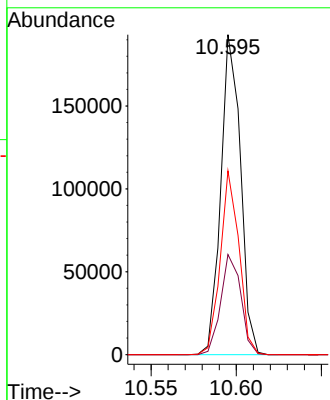
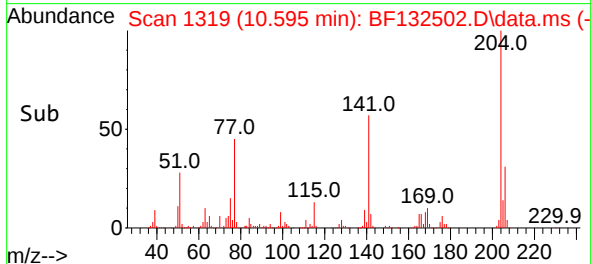
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 154668
Ion Ratio Lower Upper
204 100
206 31.3 26.3 39.5
141 57.4 47.8 71.8

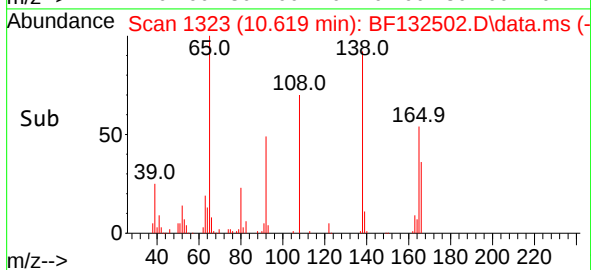
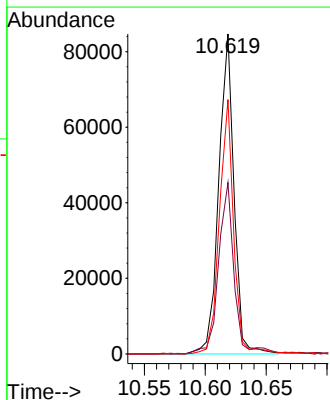
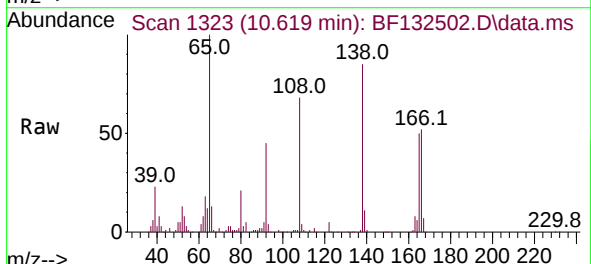
Manual Integrations
APPROVED

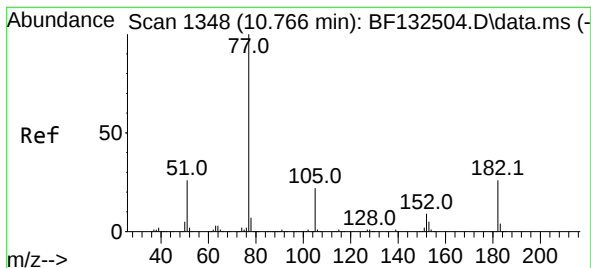
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#62
4-Nitroaniline
Concen: 10.266 ng
RT: 10.619 min Scan# 1323
Delta R.T. -0.018 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:138 Resp: 73638
Ion Ratio Lower Upper
138 100
92 53.5 33.8 73.8
108 79.5 63.7 103.7





#63

Azobenzene

Concen: 10.801 ng

RT: 10.760 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 322166

Ion Ratio Lower Upper

77 100

182 26.2 5.5 45.5

105 21.6 1.8 41.8

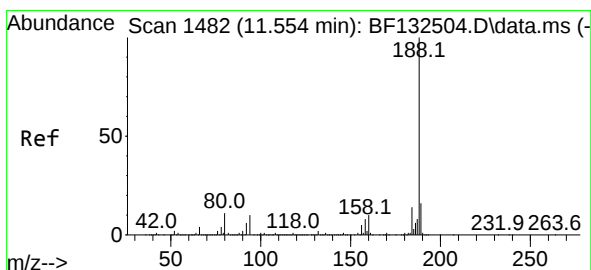
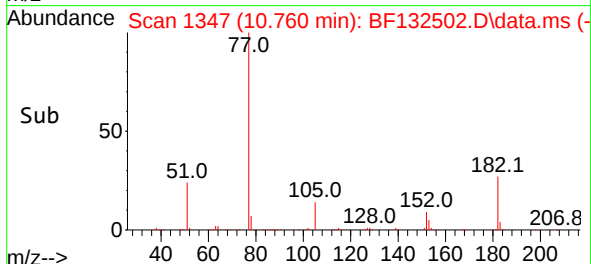
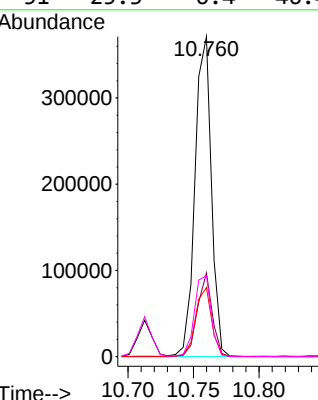
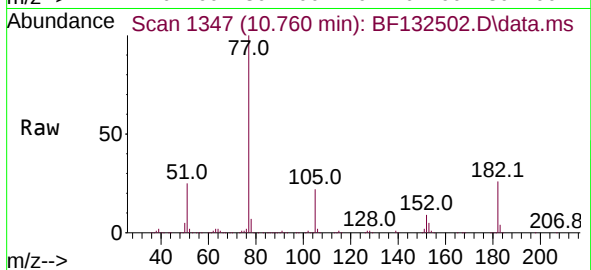
51 25.3 6.4 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.554 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

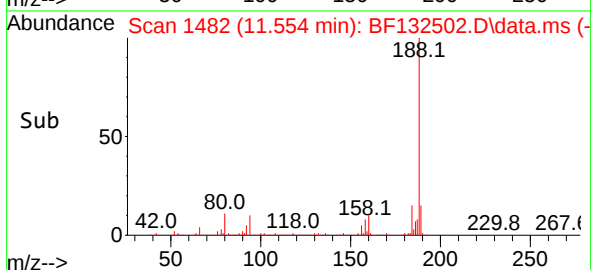
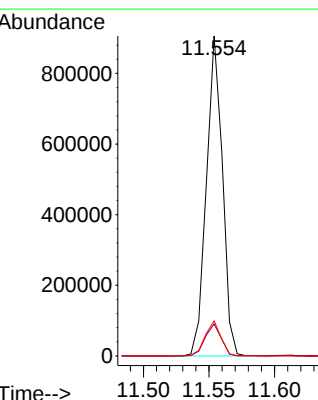
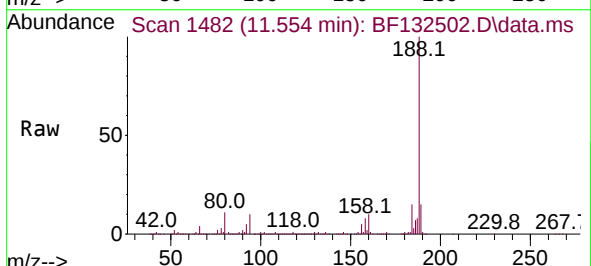
Tgt Ion:188 Resp: 772323

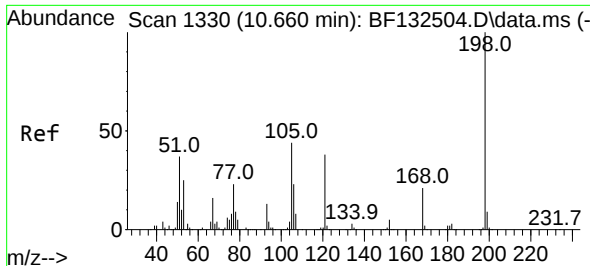
Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.9 8.7 13.1





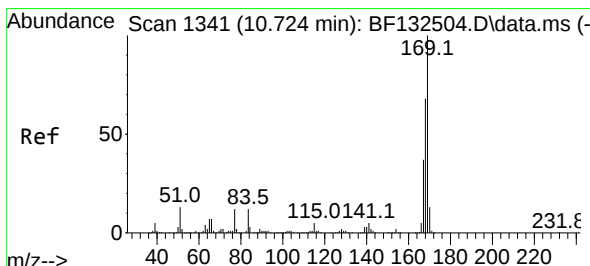
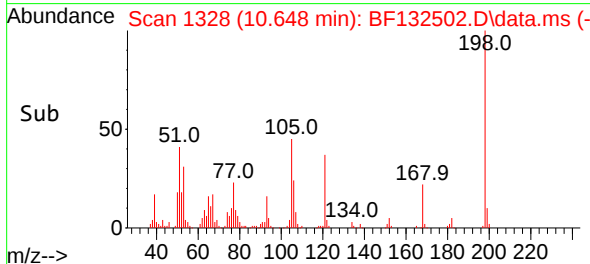
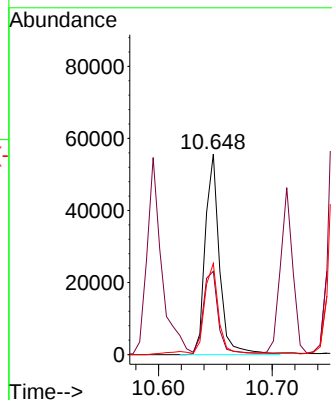
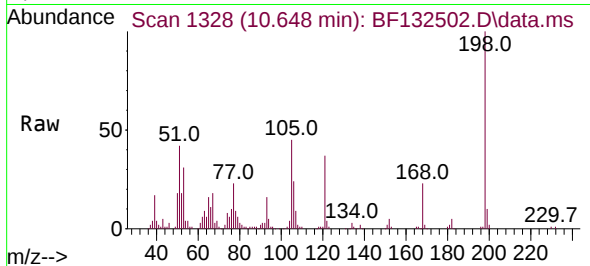
#65
4,6-Dinitro-2-methylphenol
Concen: 9.299 ng
RT: 10.648 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 48619
Ion Ratio Lower Upper
198 100
51 41.6 20.6 60.6
105 45.5 24.3 64.3

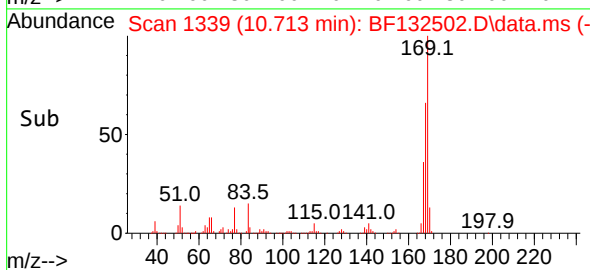
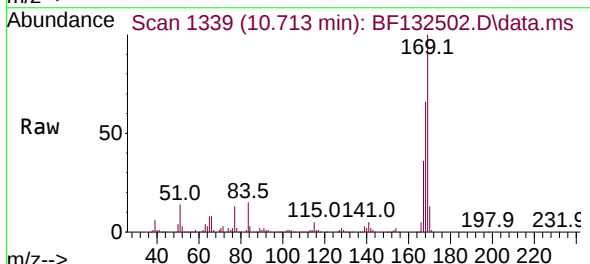
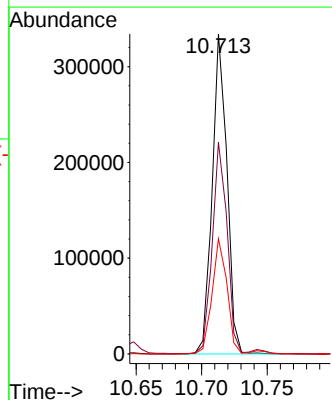
Manual Integrations
APPROVED

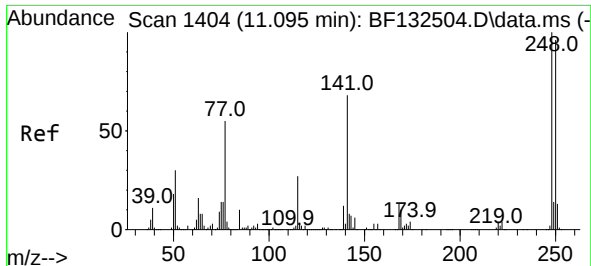
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 10.803 ng
RT: 10.713 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

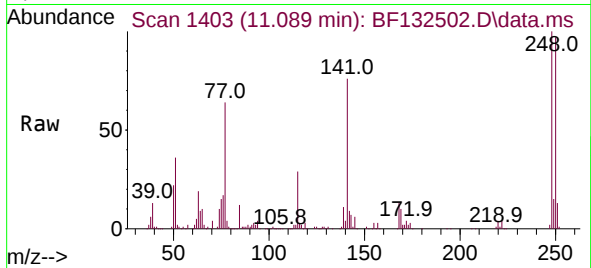
Tgt Ion:169 Resp: 260105
Ion Ratio Lower Upper
169 100
168 66.1 54.2 81.4
167 36.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 10.430 ng
RT: 11.089 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

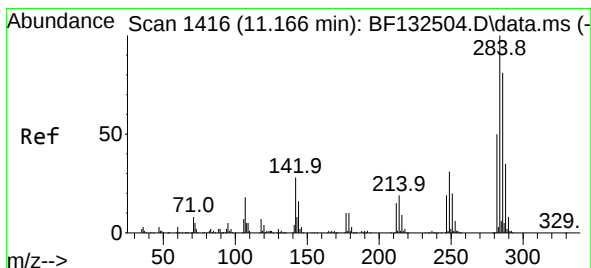
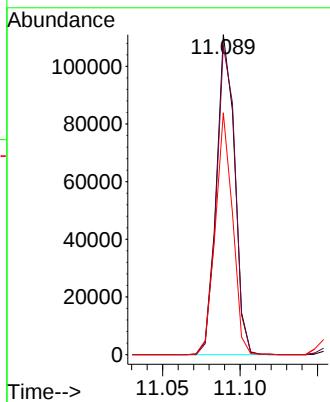
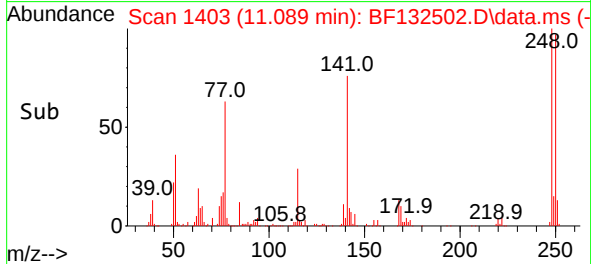
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



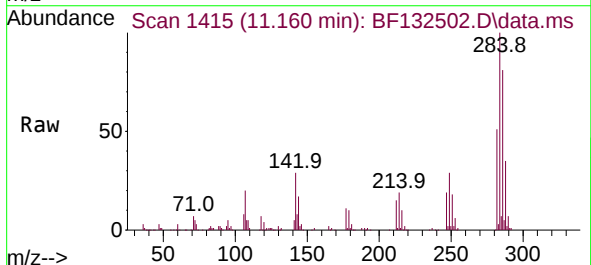
Tgt Ion:248 Resp: 91115
Ion Ratio Lower Upper
248 100
250 96.6 77.0 115.4
141 75.6 54.2 81.2

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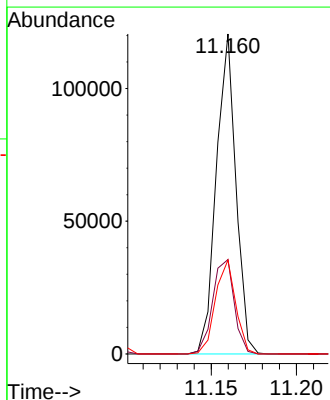
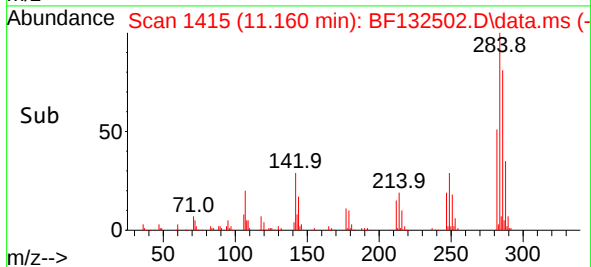
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

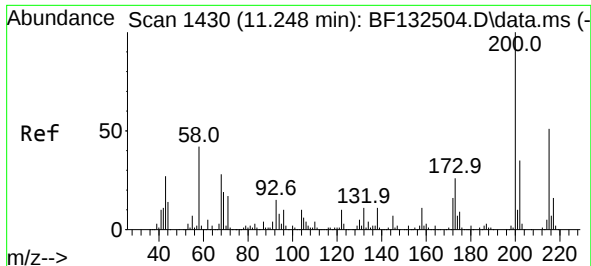


#68
Hexachlorobenzene
Concen: 10.463 ng
RT: 11.160 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



Tgt Ion:284 Resp: 96179
Ion Ratio Lower Upper
284 100
142 29.5 22.2 33.4
249 29.3 24.9 37.3





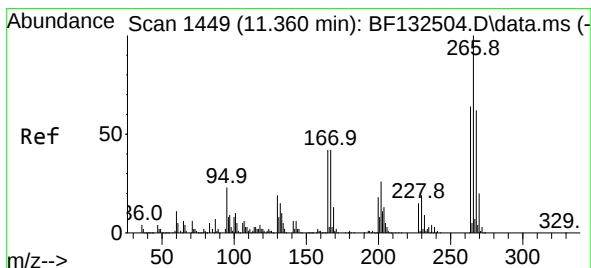
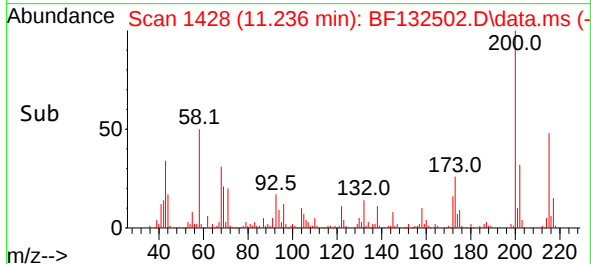
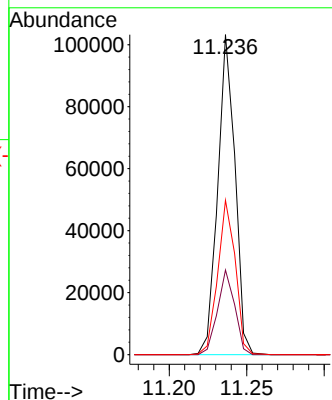
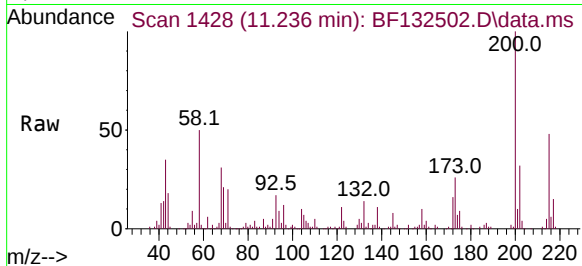
#69
Atrazine
Concen: 10.652 ng
RT: 11.236 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 80062
Ion Ratio Lower Upper
200 100
173 26.4 6.4 46.4
215 48.2 31.0 71.0

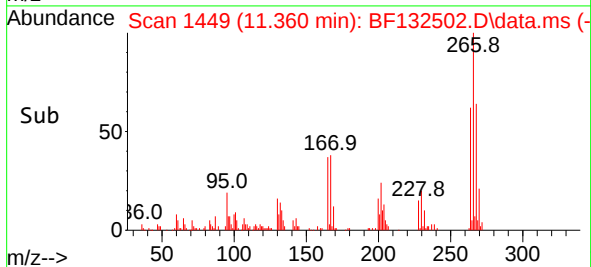
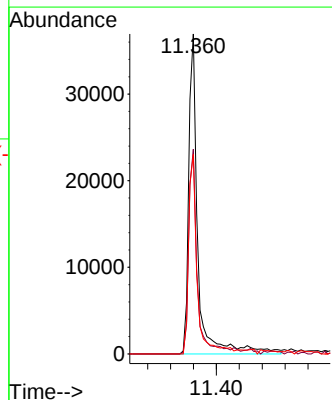
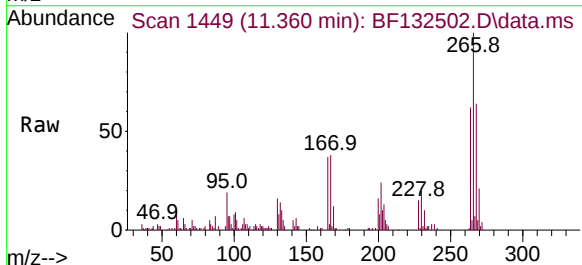
Manual Integrations
APPROVED

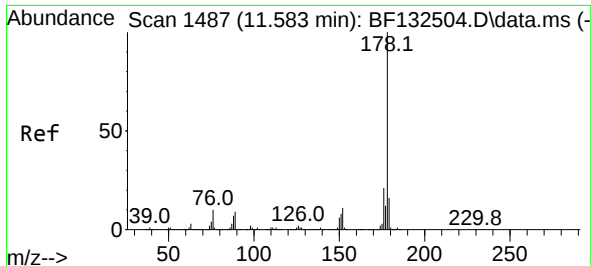
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#70
Pentachlorophenol
Concen: 7.632 ng m
RT: 11.360 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

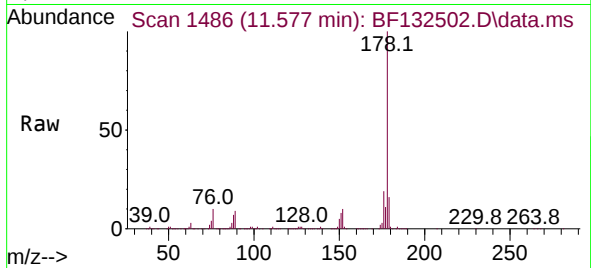
Tgt Ion:266 Resp: 41132
Ion Ratio Lower Upper
266 100
268 64.0 49.8 74.6
264 62.3 50.9 76.3





#71
Phenanthrene
Concen: 11.051 ng
RT: 11.577 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

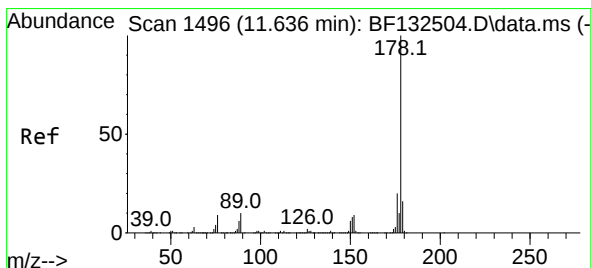
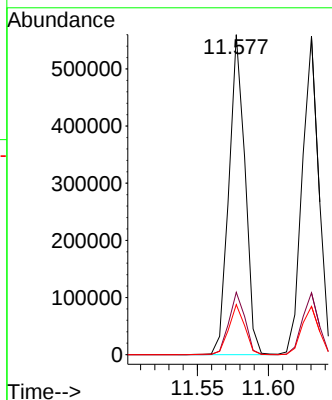
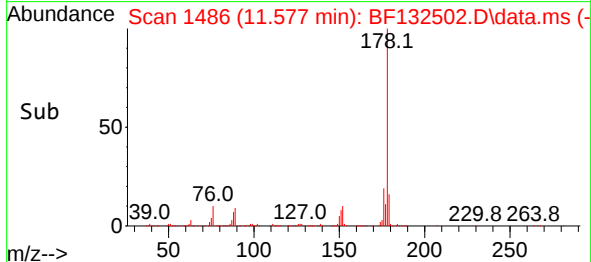
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



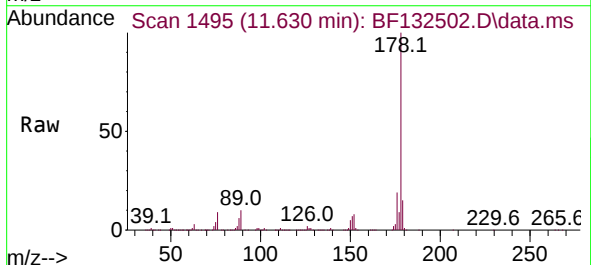
Tgt Ion:178 Resp: 442156
Ion Ratio Lower Upper
178 100
176 19.5 16.5 24.7
179 15.6 13.0 19.6

Manual Integrations
APPROVED

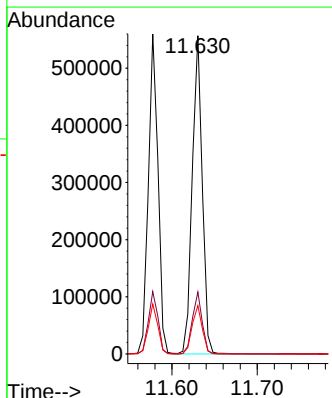
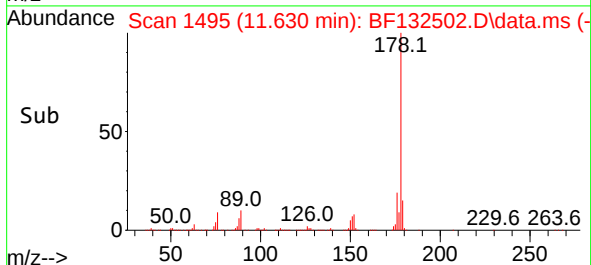
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

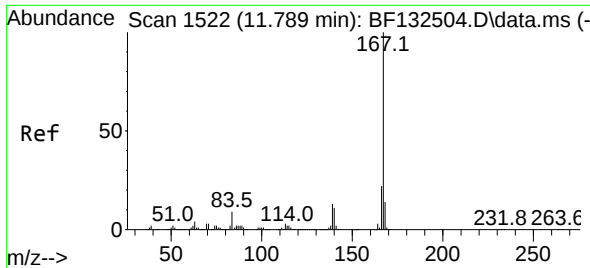


#72
Anthracene
Concen: 11.053 ng
RT: 11.630 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



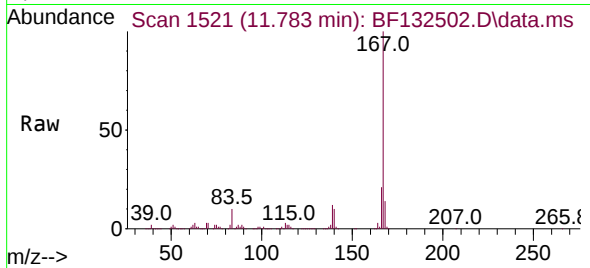
Tgt Ion:178 Resp: 455393
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.2 12.5 18.7





#73
 Carbazole
 Concen: 10.976 ng
 RT: 11.783 min Scan# 1521
 Delta R.T. -0.006 min
 Lab File: BF132502.D
 Acq: 22 Feb 2023 13:14

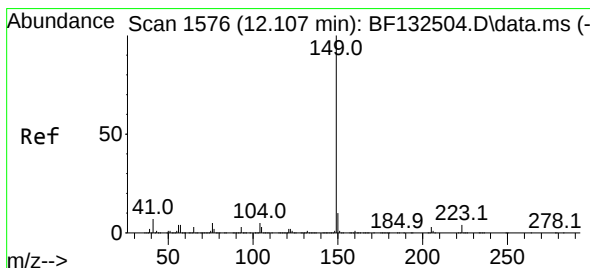
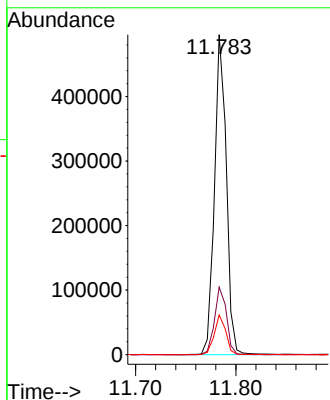
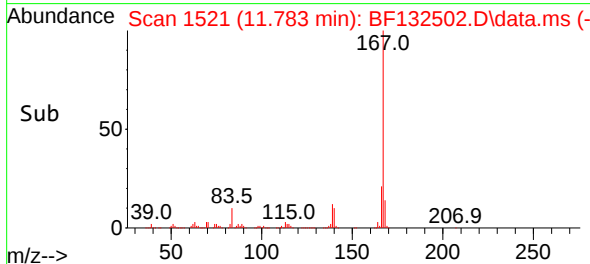
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010



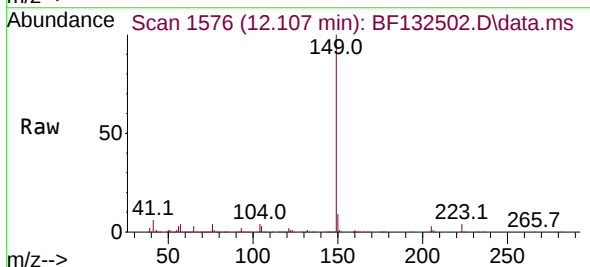
Tgt Ion:167 Resp: 407712
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.7 26.5
 139 12.4 10.5 15.7

Manual Integrations
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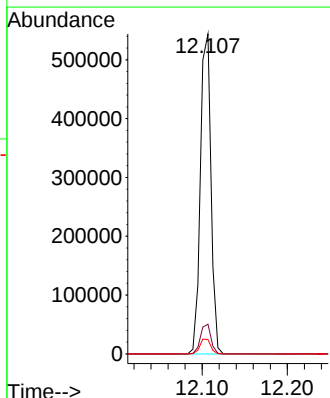
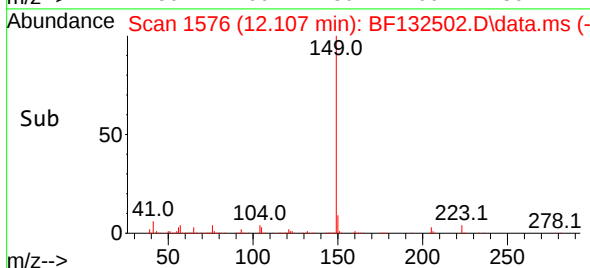
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

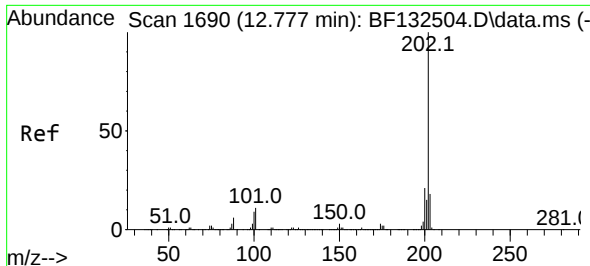


#74
 Di-n-butylphthalate
 Concen: 10.790 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132502.D
 Acq: 22 Feb 2023 13:14



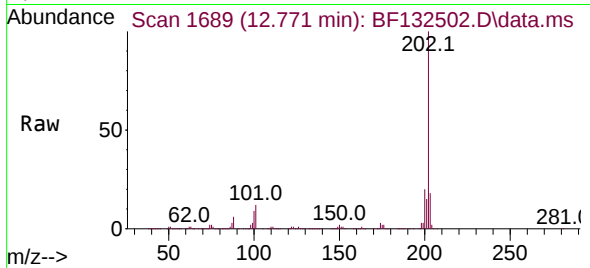
Tgt Ion:149 Resp: 470146
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.5 4.3 6.5





#75
Fluoranthene
Concen: 11.166 ng
RT: 12.771 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

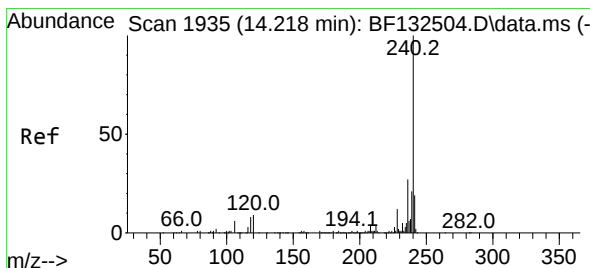
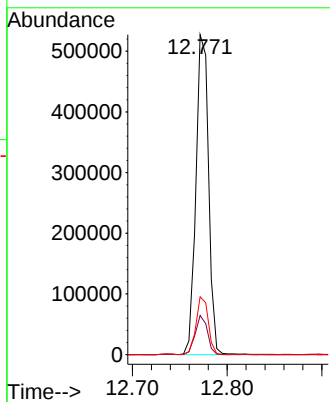
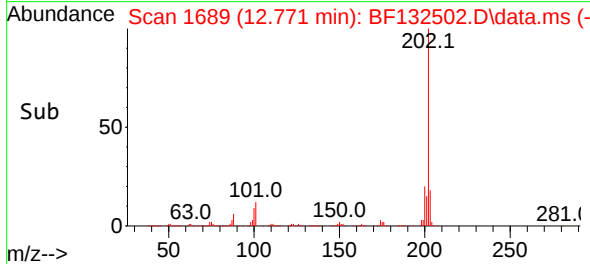
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 488413
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 18.1 0.0 38.0

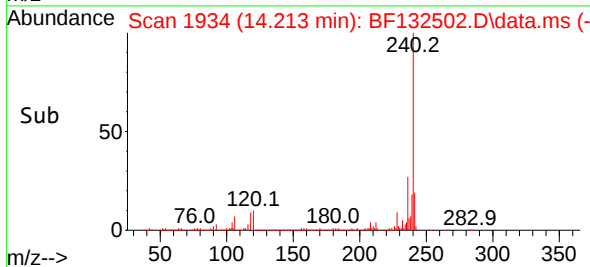
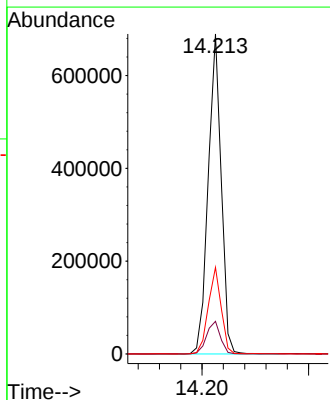
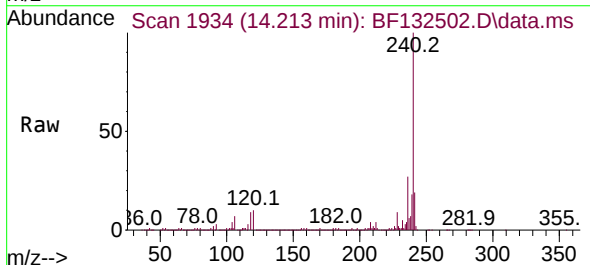
Manual Integrations
APPROVED

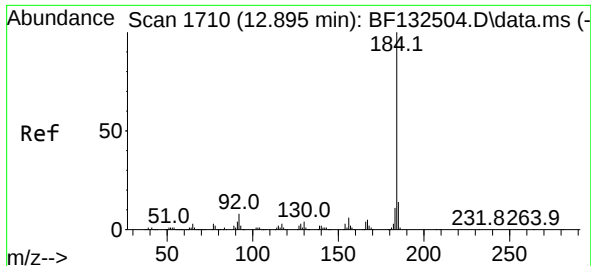
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

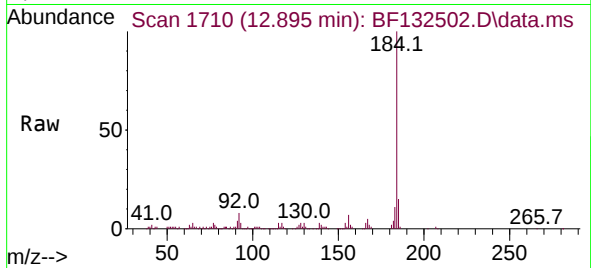
Tgt Ion:240 Resp: 583245
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 27.0 21.8 32.6





#77
Benzidine
Concen: 9.050 ng
RT: 12.895 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

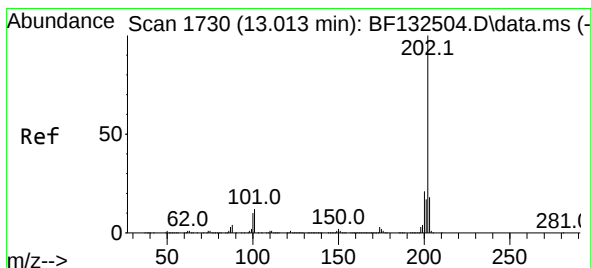
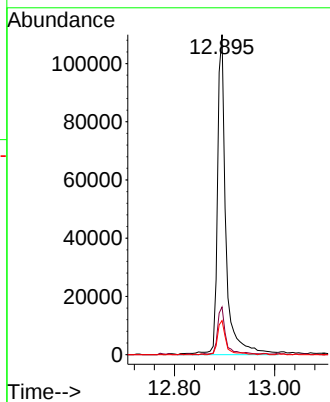
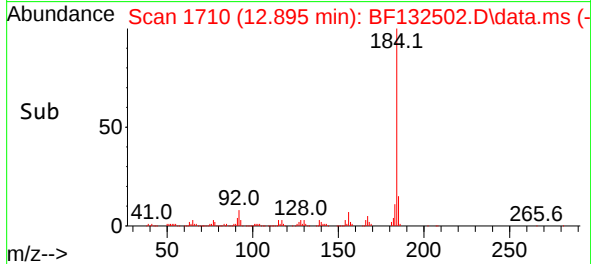
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



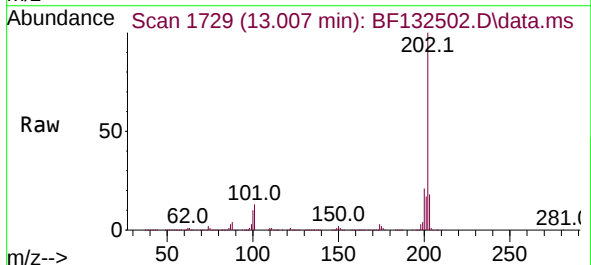
Tgt Ion:184 Resp: 128492
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 10.6 8.7 13.1

Manual Integrations
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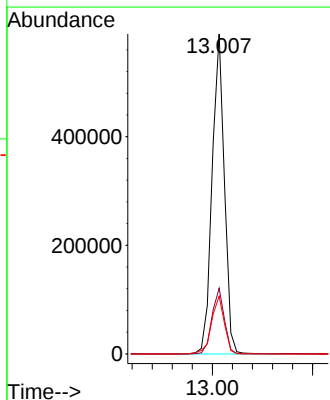
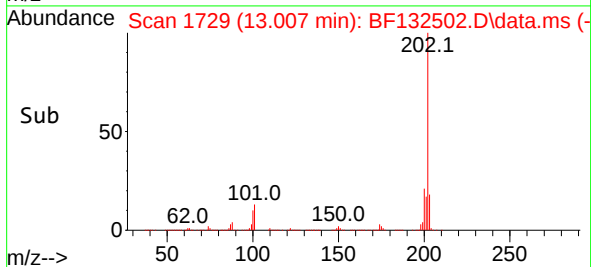
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

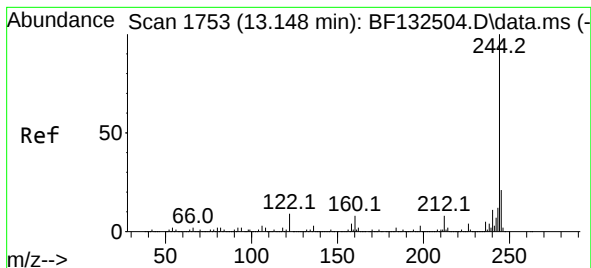


#78
Pyrene
Concen: 9.428 ng
RT: 13.007 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14



Tgt Ion:202 Resp: 499936
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 19.708 ng

RT: 13.142 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 67984

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

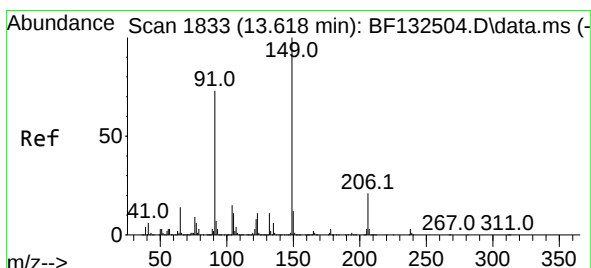
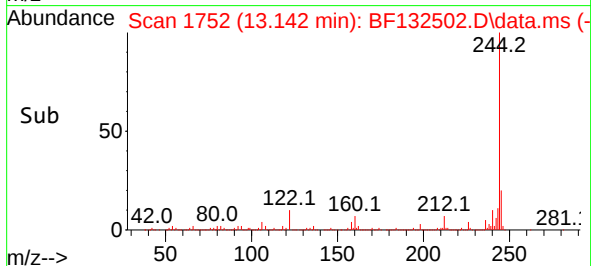
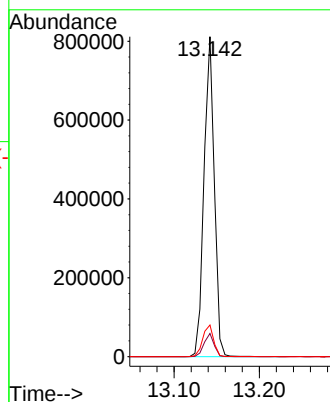
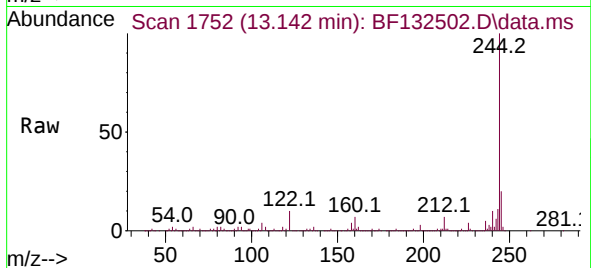
122 9.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#80

Butylbenzylphthalate

Concen: 9.342 ng

RT: 13.613 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

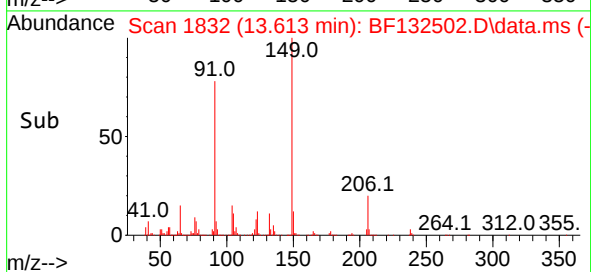
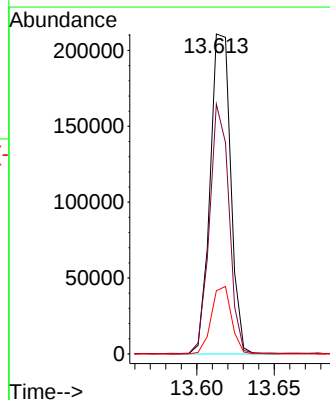
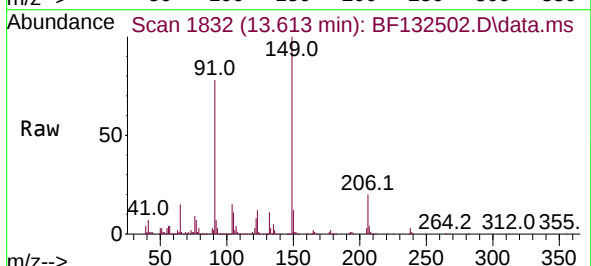
Tgt Ion:149 Resp: 195487

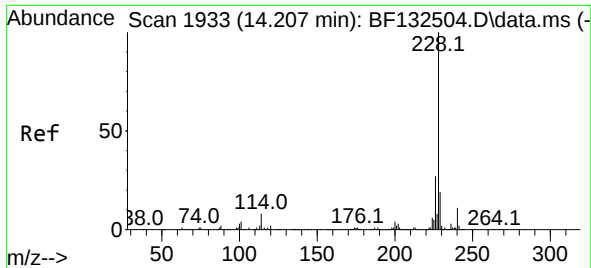
Ion Ratio Lower Upper

149 100

91 78.1 58.4 87.6

206 19.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 10.106 ng
RT: 14.201 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

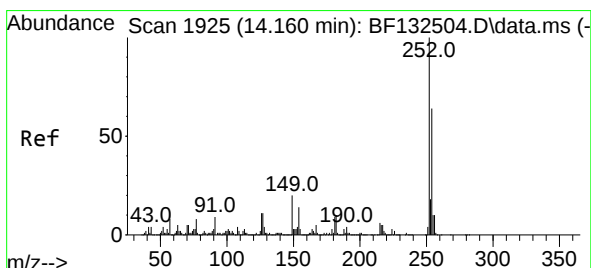
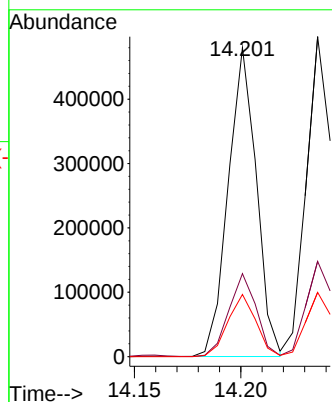
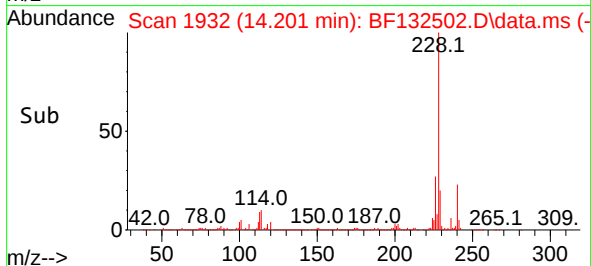
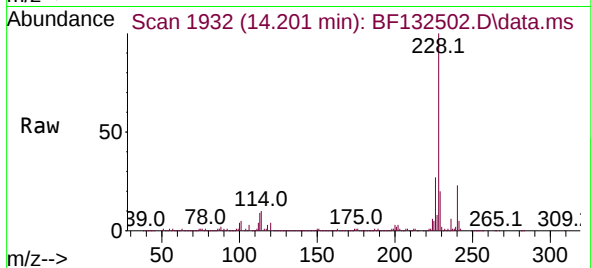
ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 441036
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.1 15.4 23.2

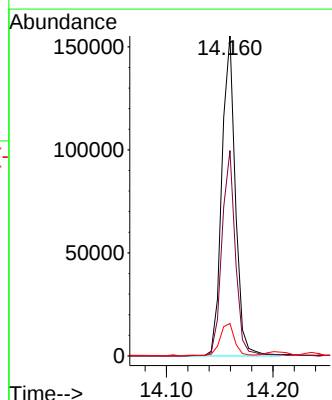
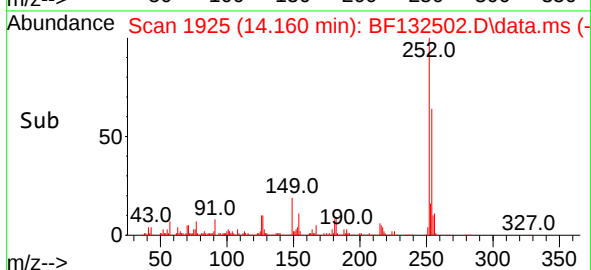
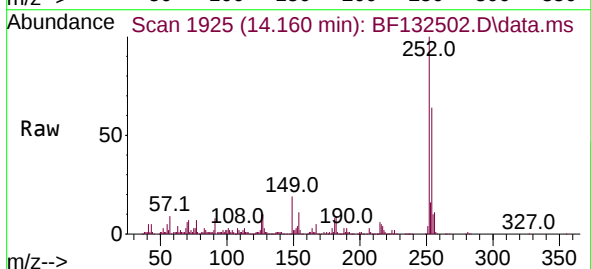
Manual Integrations
APPROVED

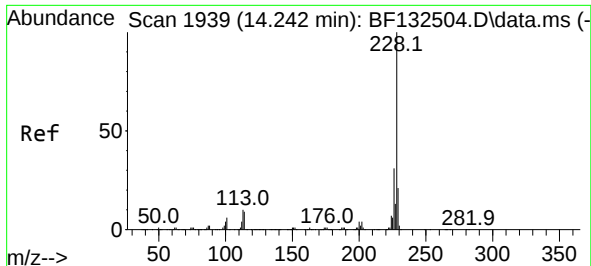
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 10.712 ng
RT: 14.160 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

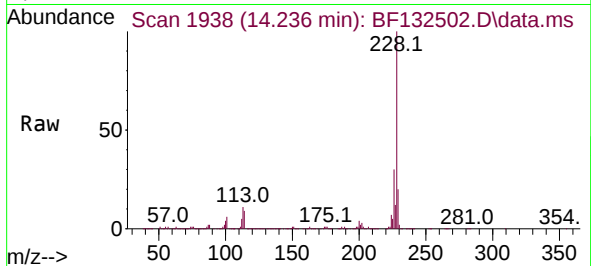
Tgt Ion:252 Resp: 137822
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 10.1 8.9 13.3





#83
Chrysene
Concen: 10.323 ng
RT: 14.236 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

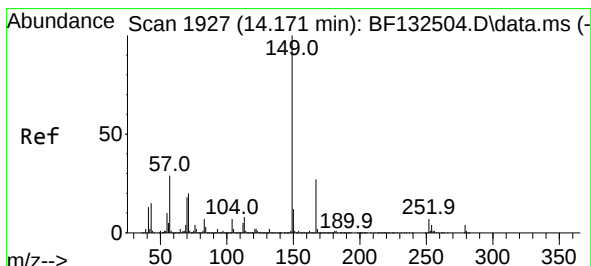
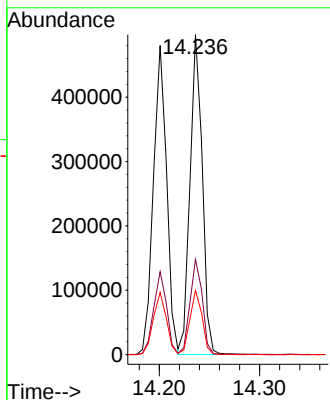
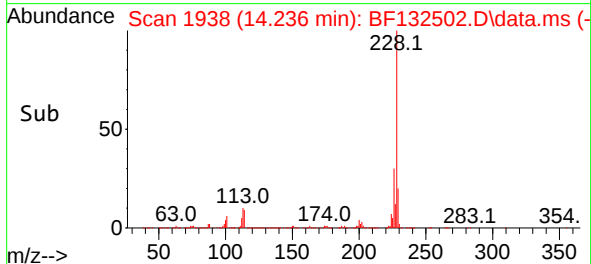
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 421282
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 20.1 16.4 24.6

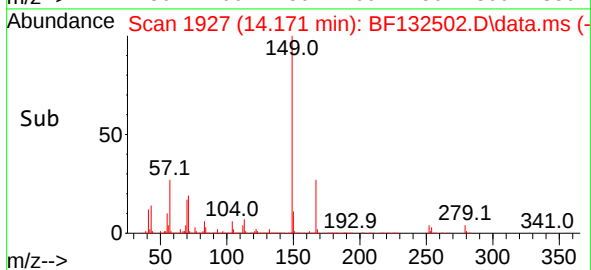
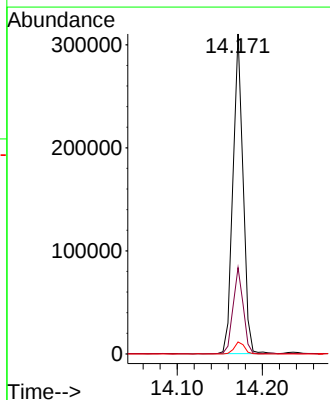
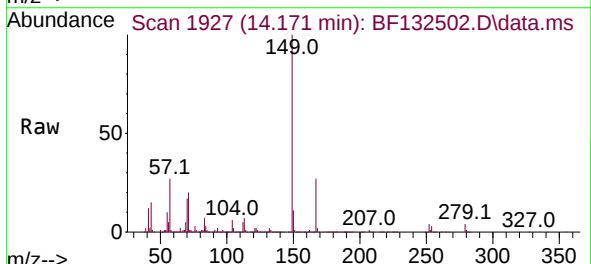
Manual Integrations
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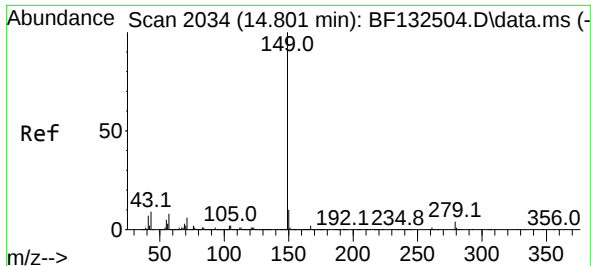
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.970 ng
RT: 14.171 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

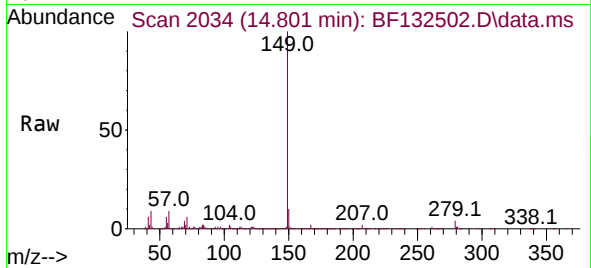
Tgt Ion:149 Resp: 256286
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.6
279 3.7 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 9.925 ng
RT: 14.801 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

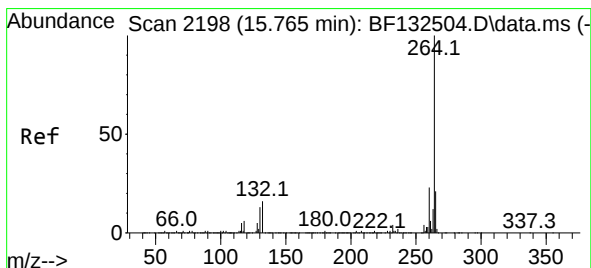
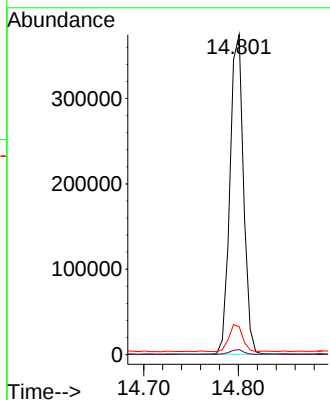
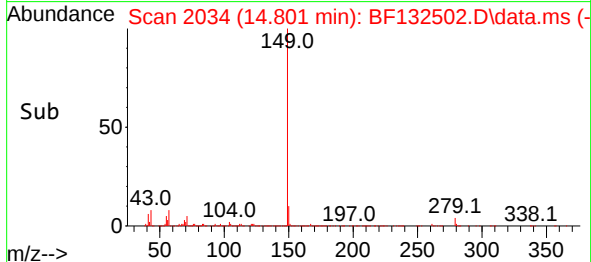
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 37284
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.5 7.2 10.8

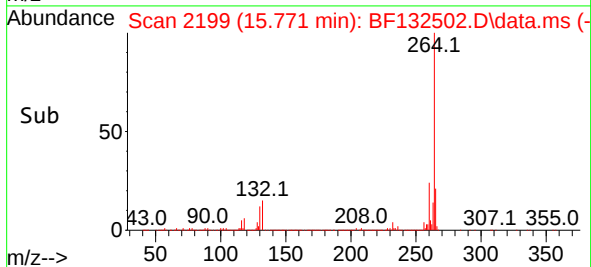
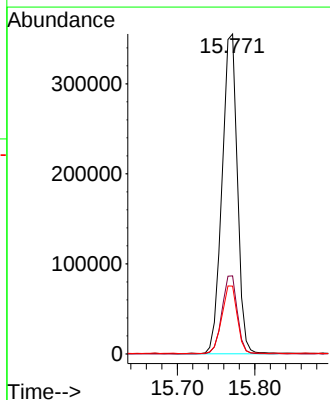
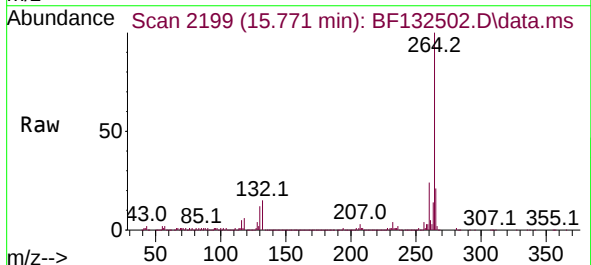
Manual Integrations
APPROVED

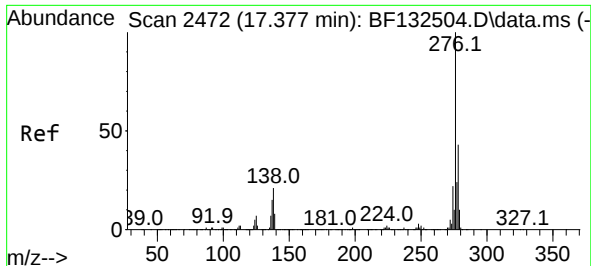
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.771 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:264 Resp: 488944
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.2 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.513 ng
RT: 17.365 min Scan# 2472
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

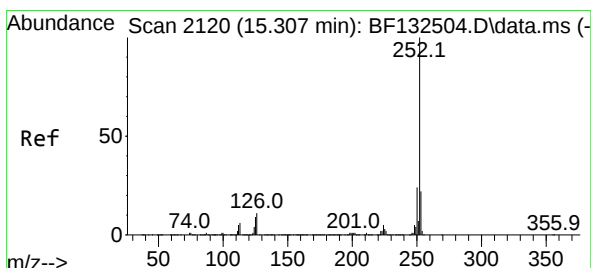
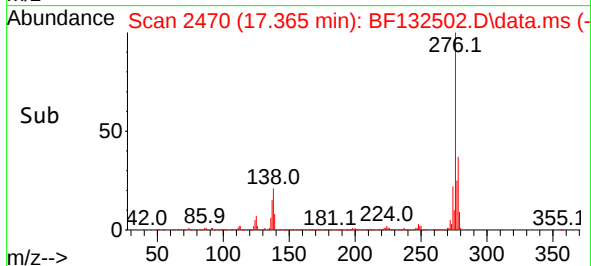
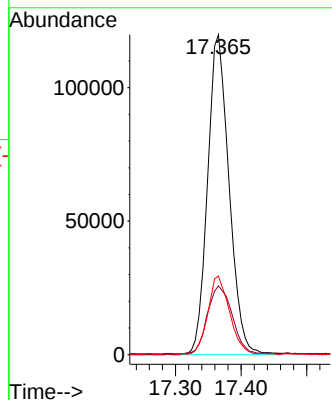
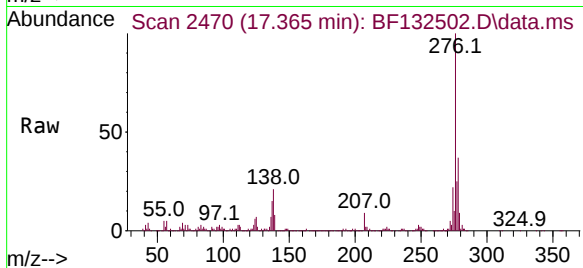
SSTDICC010

Tgt Ion:276 Resp: 272724
Ion Ratio Lower Upper
276 100
138 24.3 19.0 28.4
277 25.1 20.0 30.0

Manual Integrations

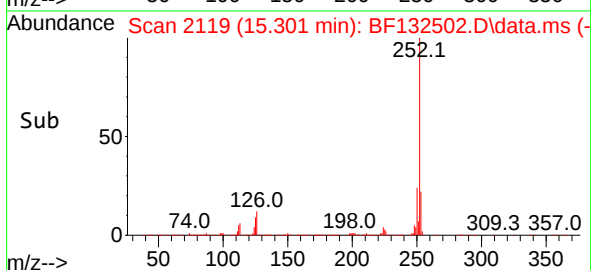
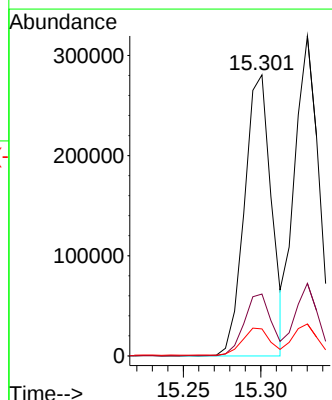
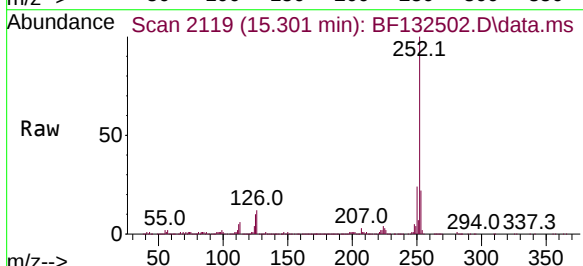
APPROVED

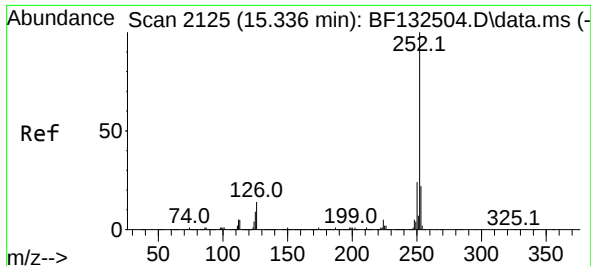
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#88
Benzo(b)fluoranthene
Concen: 10.404 ng
RT: 15.301 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:252 Resp: 340902
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.6 7.0 10.6





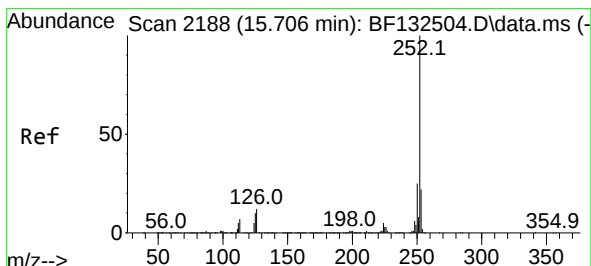
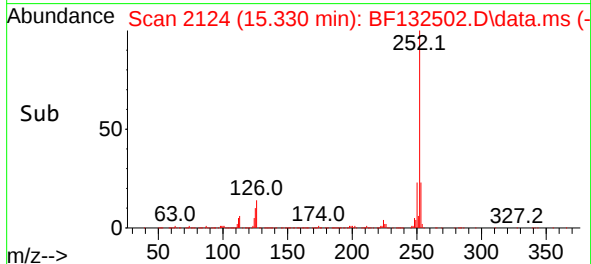
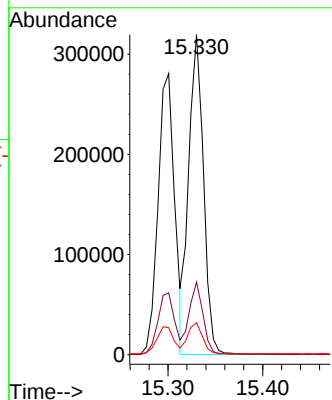
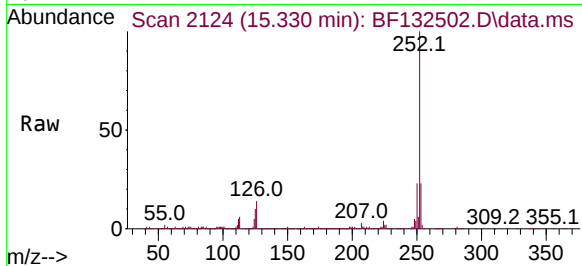
#89
Benzo(k)fluoranthene
Concen: 10.849 ng
RT: 15.330 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 347902
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.0 7.2 10.8

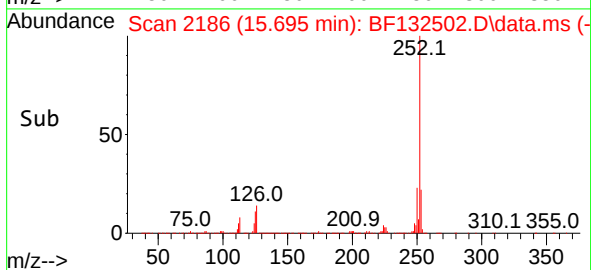
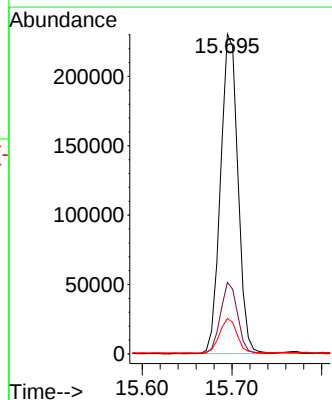
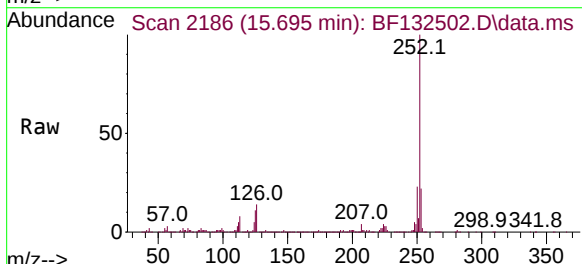
Manual Integrations
APPROVED

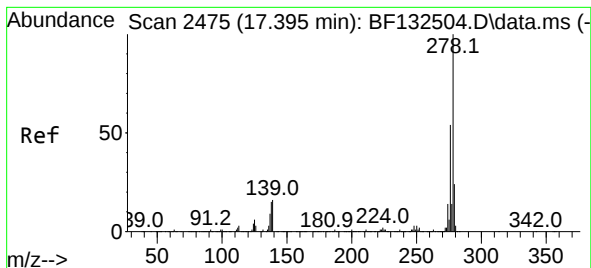
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#90
Benzo(a)pyrene
Concen: 10.156 ng
RT: 15.695 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BF132502.D
Acq: 22 Feb 2023 13:14

Tgt Ion:252 Resp: 311463
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.1 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 8.611 ng

RT: 17.383 min Scan# 2475

Delta R.T. -0.012 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 224778

Ion Ratio Lower Upper

278 100

139 16.2 13.0 19.4

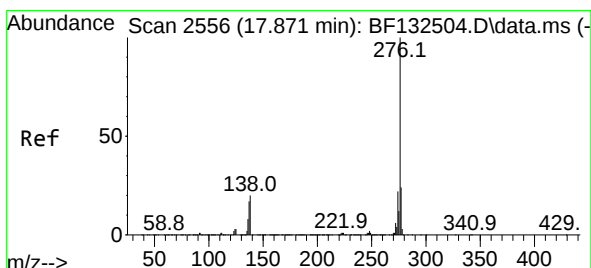
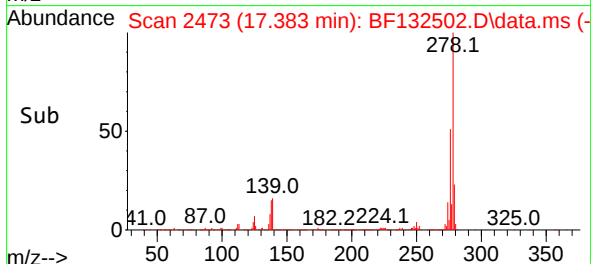
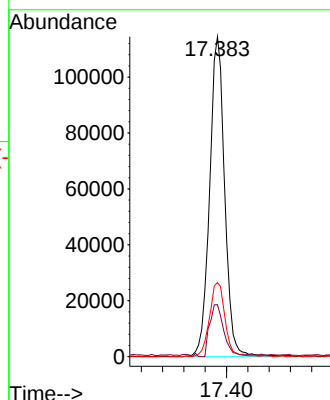
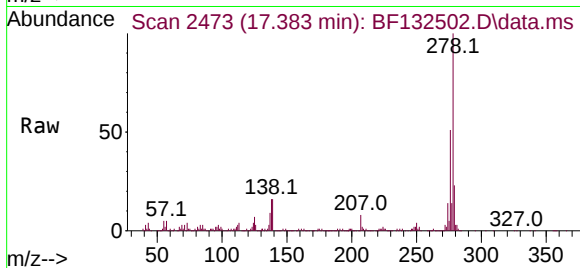
279 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#92

Benzo(g,h,i)perylene

Concen: 8.978 ng

RT: 17.853 min Scan# 2553

Delta R.T. -0.018 min

Lab File: BF132502.D

Acq: 22 Feb 2023 13:14

Tgt Ion:276 Resp: 224790

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 20.6 16.2 24.4

