

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132404.D
 Acq On : 13 Feb 2023 11:49
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 00:10:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	86393	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	335316	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	260904	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	490629	20.000	ng	0.00
76) Chrysene-d12	14.236	240	388610	20.000	ng	0.00
86) Perylene-d12	15.801	264	400068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	6.637	99	65010	9.811	ng	-0.02
23) Nitrobenzene-d5	7.590	82	55627	9.232	ng	-0.01
42) 2,4,6-Tribromophenol	10.872	330	31388	11.699	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	200435	11.863	ng	0.00
79) Terphenyl-d14	13.166	244	222161	11.059	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.908	88	20350	8.047	ng	97
3) Pyridine	3.707	79	31561m	4.600	ng	
4) n-Nitrosodimethylamine	3.631	42	11205	5.104	ng	# 90
6) Aniline	6.690	93	24933	2.773	ng	97
8) 2-Chlorophenol	6.813	128	29355	5.273	ng	99
9) Benzaldehyde	6.584	77	15068	3.726	ng	86
10) Phenol	6.654	94	32632	4.758	ng	99
11) bis(2-Chloroethyl)ether	6.754	93	38965	6.903	ng	99
12) 1,3-Dichlorobenzene	6.972	146	32360	5.496	ng	98
13) 1,4-Dichlorobenzene	7.048	146	32530	5.535	ng	98
14) 1,2-Dichlorobenzene	7.201	146	30279	5.525	ng	100
15) Benzyl Alcohol	7.160	79	14187	2.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	22729	3.822	ng	97
17) 2-Methylphenol	7.272	107	24605	5.049	ng	96
18) Hexachloroethane	7.548	117	11302	5.126	ng	88
19) n-Nitroso-di-n-propyla...	7.425	70	16610	4.413	ng	98
20) 3+4-Methylphenols	7.419	107	31349	5.041	ng	91
22) Acetophenone	7.431	105	41949	5.320	ng	98
24) Nitrobenzene	7.607	77	26924	4.374	ng	98
25) Isophorone	7.842	82	49196	4.302	ng	97
26) 2-Nitrophenol	7.931	139	13399	4.469	ng	99
27) 2,4-Dimethylphenol	7.954	122	24717	4.709	ng	98
28) bis(2-Chloroethoxy)met...	8.054	93	32522	4.627	ng	99
29) 2,4-Dichlorophenol	8.172	162	23573	5.059	ng	95
30) 1,2,4-Trichlorobenzene	8.254	180	27876	5.586	ng	99
31) Naphthalene	8.337	128	89729	5.436	ng	99
32) Benzoic acid	7.995	122	4084	1.051	ng	# 79
33) 4-Chloroaniline	8.390	127	33474m	4.574	ng	
34) Hexachlorobutadiene	8.454	225	17817	6.351	ng	98
35) Caprolactam	8.713	113	6889	4.337	ng	95
36) 4-Chloro-3-methylphenol	8.860	107	31784	6.331	ng	92
37) 2-Methylnaphthalene	9.031	142	93391	8.353	ng	98
38) 1-Methylnaphthalene	9.131	142	88009	8.471	ng	98
40) 1,2,4,5-Tetrachloroben...	9.195	216	42075	5.731	ng	99
41) Hexachlorocyclopentadiene	9.184	237	19881	4.641	ng	99
43) 2,4,6-Trichlorophenol	9.307	196	26263	5.004	ng	97

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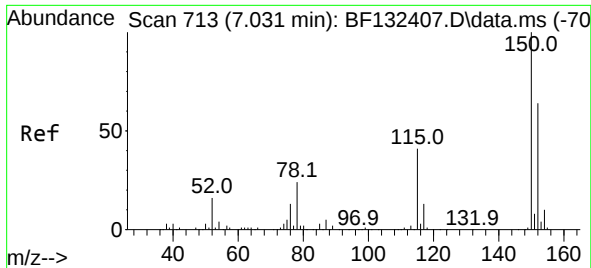
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	29868	4.944	ng	95
46) 1,1'-Biphenyl	9.495	154	111154	5.526	ng	100
47) 2-Chloronaphthalene	9.525	162	84329	5.505	ng	96
48) 2-Nitroaniline	9.613	65	17160	3.766	ng	93
49) Acenaphthylene	9.942	152	133853	5.353	ng	98
50) Dimethylphthalate	9.784	163	100380	5.500	ng	100
51) 2,6-Dinitrotoluene	9.854	165	19961	4.897	ng	94
52) Acenaphthene	10.113	154	83919	5.361	ng	99
53) 3-Nitroaniline	10.025	138	21522	4.354	ng	92
55) Dibenzofuran	10.289	168	121459	5.522	ng	91
56) 4-Nitrophenol	10.184	139	14671	3.944	ng	93
57) 2,4-Dinitrotoluene	10.254	165	24462	4.620	ng	# 86
58) Fluorene	10.631	166	94805	5.601	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	23039	5.232	ng	99
60) Diethylphthalate	10.489	149	100233	5.521	ng	97
61) 4-Chlorophenyl-phenyle...	10.619	204	47274	5.885	ng	99
62) 4-Nitroaniline	10.636	138	21250	4.483	ng	97
63) Azobenzene	10.778	77	80595	4.557	ng	96
65) 4,6-Dinitro-2-methylph...	10.666	198	11169	4.011	ng	99
66) n-Nitrosodiphenylamine	10.736	169	82678	5.382	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	28323	5.638	ng	96
68) Hexachlorobenzene	11.183	284	31156	5.802	ng	# 91
69) Atrazine	11.260	200	17043	3.857	ng	96
70) Pentachlorophenol	11.378	266	13676m	3.707	ng	
71) Phenanthrene	11.601	178	140300	5.472	ng	98
72) Anthracene	11.654	178	142636	5.467	ng	98
73) Carbazole	11.807	167	124123	5.306	ng	97
74) Di-n-butylphthalate	12.130	149	146200	5.286	ng	98
75) Fluoranthene	12.801	202	142527	5.448	ng	98
77) Benzidine	12.925	184	17264	1.271	ng	97
78) Pyrene	13.030	202	148475	4.750	ng	99
80) Butylbenzylphthalate	13.642	149	54216	3.926	ng	98
81) Benzo(a)anthracene	14.224	228	135953	5.002	ng	99
82) 3,3'-Dichlorobenzidine	14.183	252	38241	4.417	ng	98
83) Chrysene	14.260	228	134354	5.279	ng	98
84) Bis(2-ethylhexyl)phtha...	14.201	149	80017	4.287	ng	98
85) Di-n-octyl phthalate	14.830	149	121087	3.977	ng	99
87) Indeno(1,2,3-cd)pyrene	17.412	276	125290	4.713	ng	98
88) Benzo(b)fluoranthene	15.330	252	116011	4.562	ng	98
89) Benzo(k)fluoranthene	15.360	252	127889	5.269	ng	99
90) Benzo(a)pyrene	15.730	252	112466	4.749	ng	98
91) Dibenzo(a,h)anthracene	17.430	278	105712	4.946	ng	97
92) Benzo(g,h,i)perylene	17.901	276	102351	4.635	ng	98

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

Manual Integrations

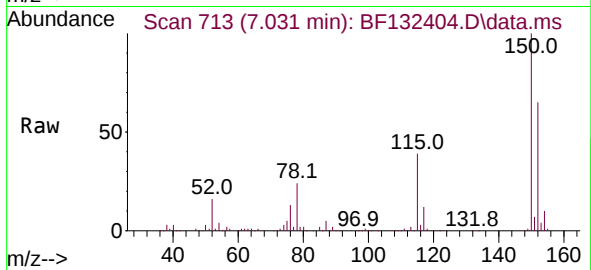
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

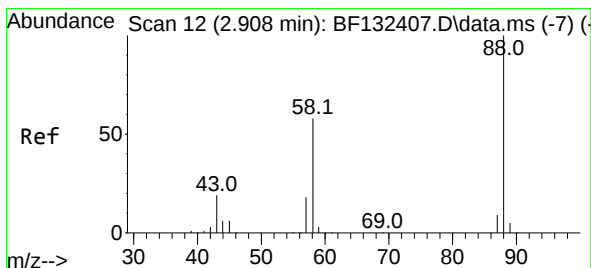
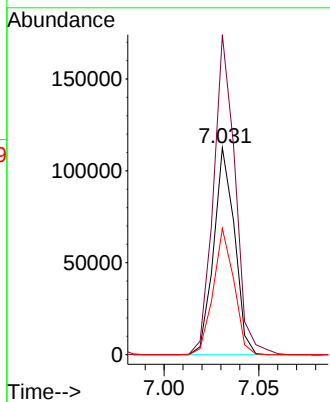
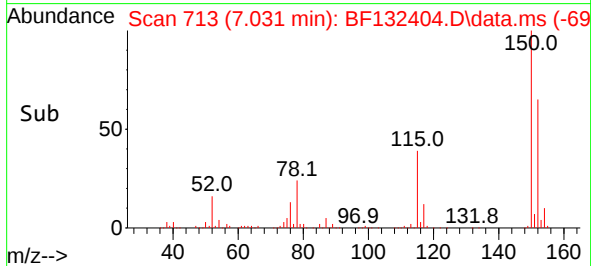
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



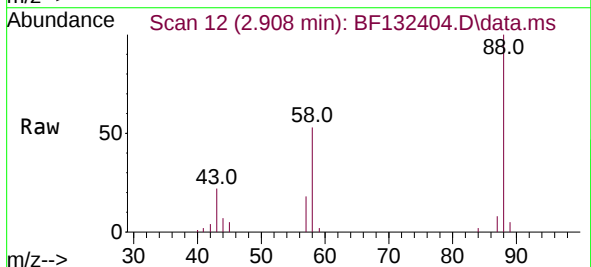
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Ion Ratio Lower Upper
152 100
150 154.6 124.4 186.6
115 60.9 50.6 75.8

Manual Integrations
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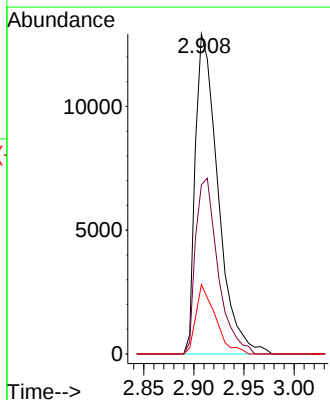
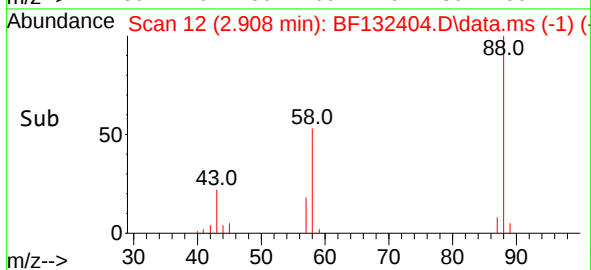
Reviewed By :Christian Giraldo 02/14/2023
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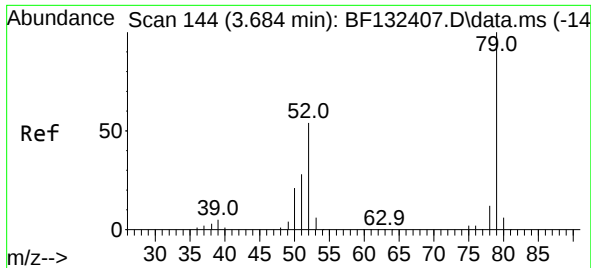


#2
1,4-Dioxane
Concen: 8.047 ng
RT: 2.908 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion: 88 Resp: 20350
Ion Ratio Lower Upper
88 100
58 54.1 45.7 68.5
43 18.7 15.0 22.4





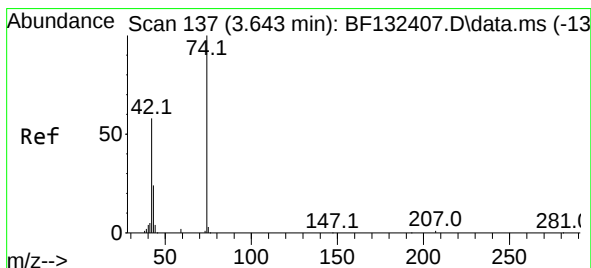
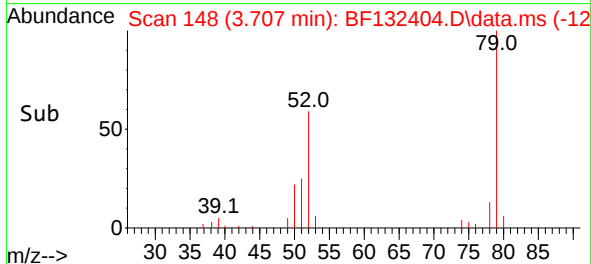
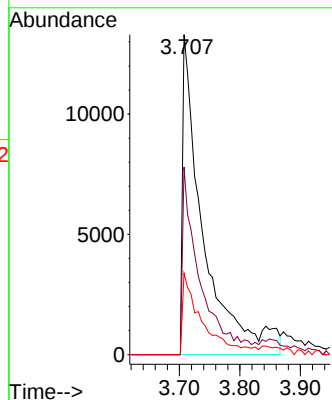
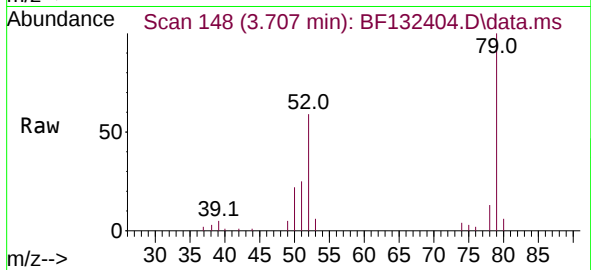
#3
Pyridine
Concen: 4.600 ng m
RT: 3.707 min Scan# 14
Delta R.T. 0.023 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 3156
Ion Ratio Lower Upper
79 100
52 58.6 43.3 64.9
51 25.4 22.1 33.1

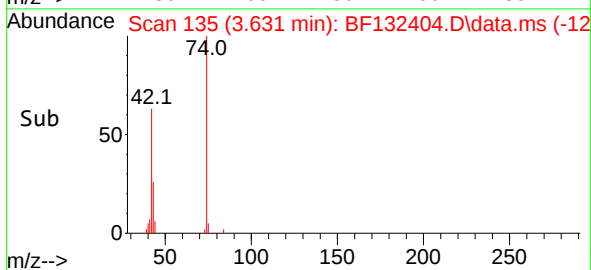
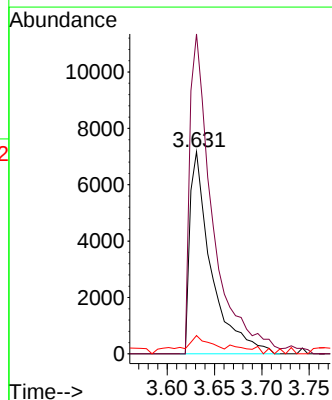
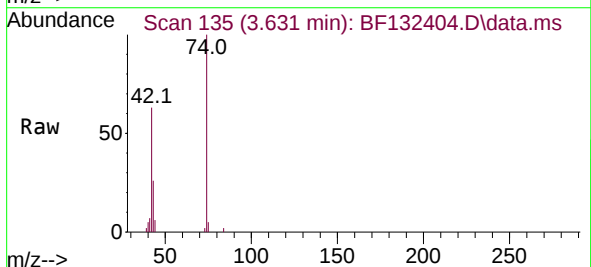
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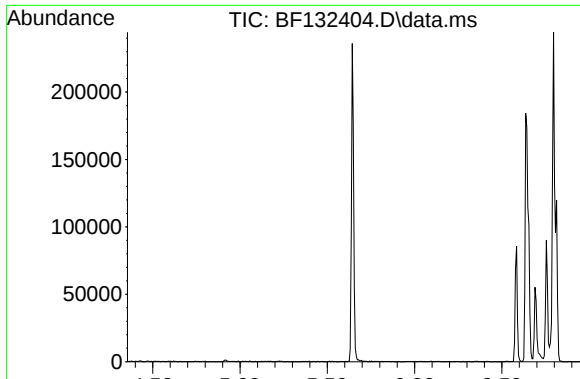
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#4
n-Nitrosodimethylamine
Concen: 5.104 ng
RT: 3.631 min Scan# 135
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 42 Resp: 11205
Ion Ratio Lower Upper
42 100
74 158.2 137.8 206.6
44 9.1 5.8 8.6





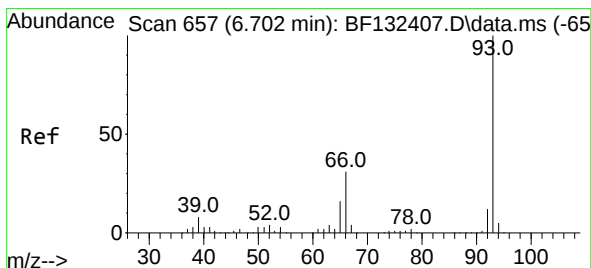
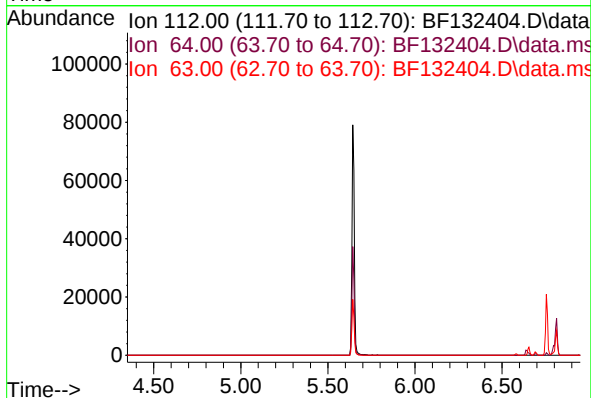
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.65 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 43.5
 63 24.1

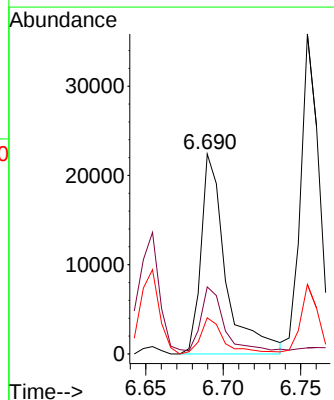
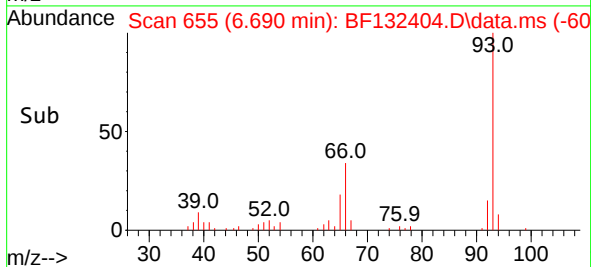
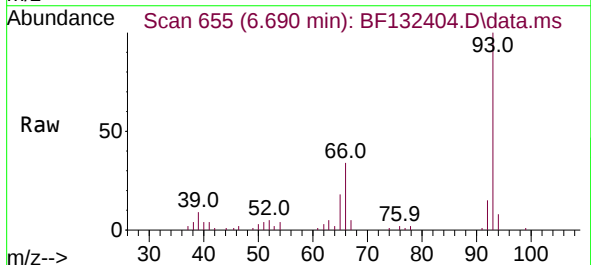
Manual Integrations
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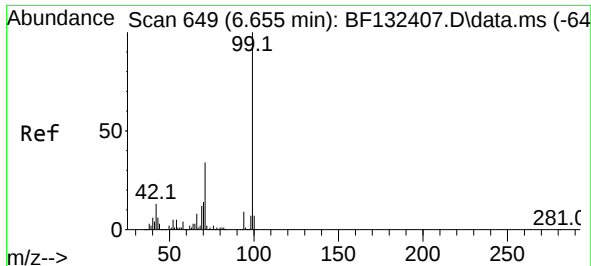
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#6
 Aniline
 Concen: 2.773 ng
 RT: 6.690 min Scan# 655
 Delta R.T. -0.012 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

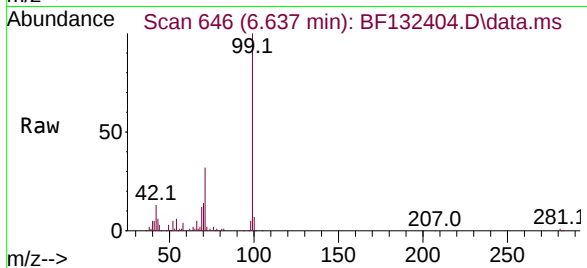
Tgt Ion: 93 Resp: 24933
 Ion Ratio Lower Upper
 93 100
 66 33.5 25.7 38.5
 65 18.1 13.1 19.7





#7
Phenol-d6
Concen: 9.811 ng
RT: 6.637 min Scan# 649
Delta R.T. -0.018 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

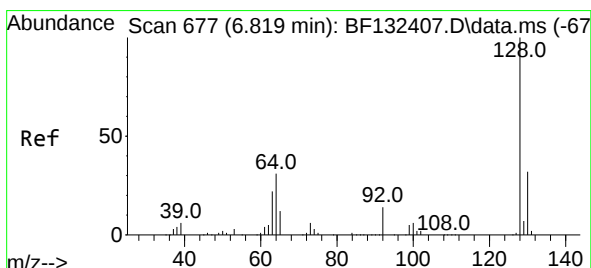
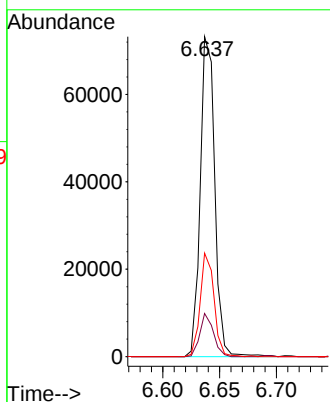
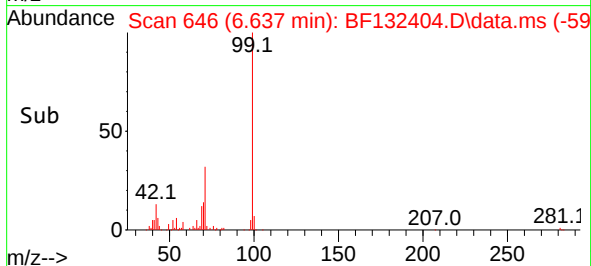
Instrument :
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ClientSampleId :
SSTDICC005



Tgt Ion: 99 Resp: 65010
Ion Ratio Lower Upper
99 100
42 13.5 10.1 15.1
71 32.3 26.8 40.2

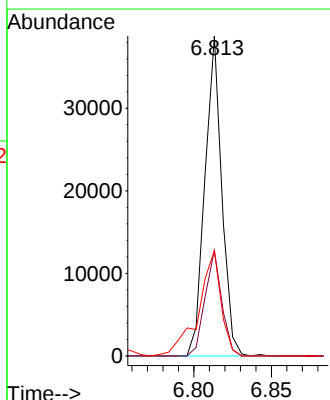
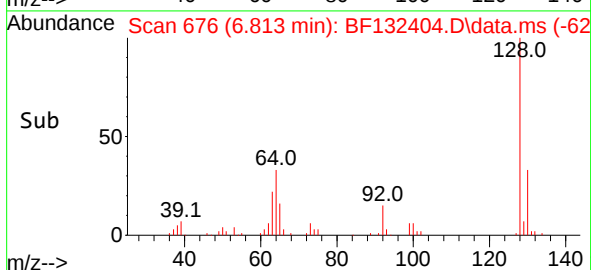
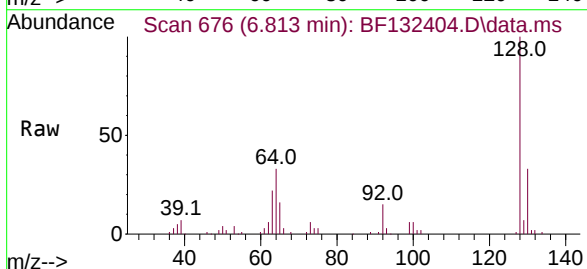
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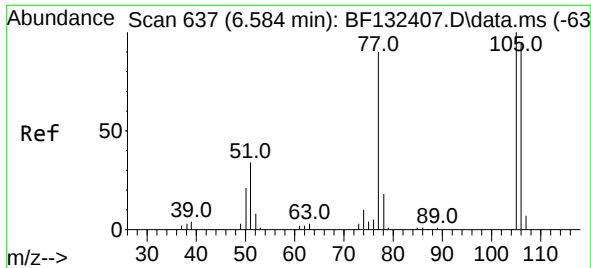
Reviewed By :Christian Giraldo 02/14/2023
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#8
2-Chlorophenol
Concen: 5.273 ng
RT: 6.813 min Scan# 676
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:128 Resp: 29355
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 32.8 12.3 52.3





#9
Benzaldehyde
Concen: 3.726 ng
RT: 6.584 min Scan# 637
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

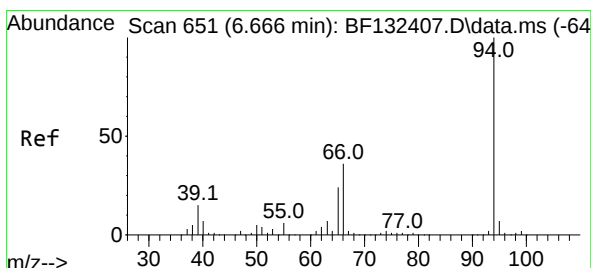
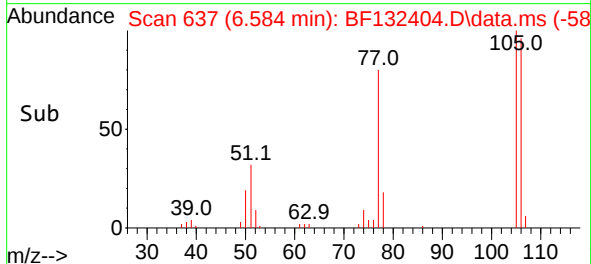
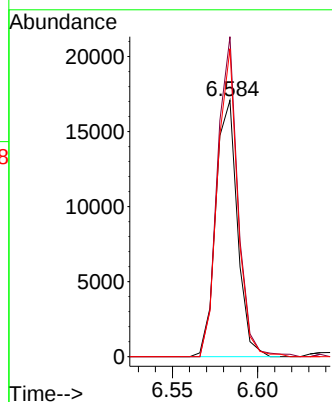
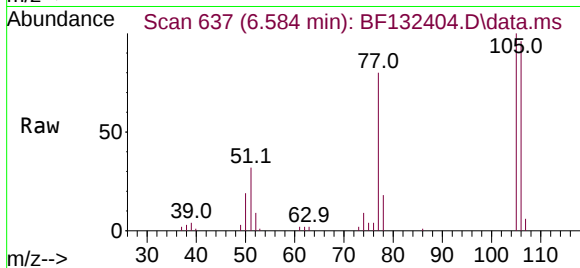
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 15068

Ion	Ratio	Lower	Upper
77	100		
105	124.9	91.1	131.1
106	120.1	84.2	124.2

Manual Integrations
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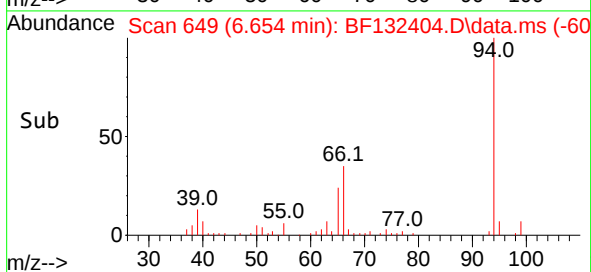
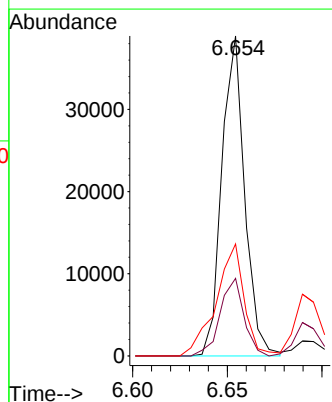
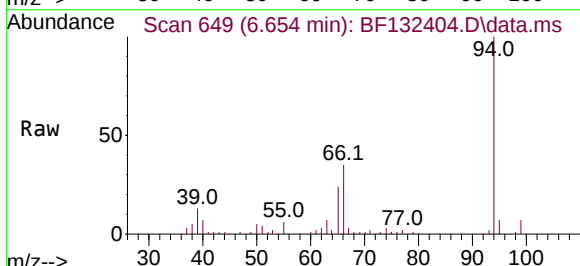
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

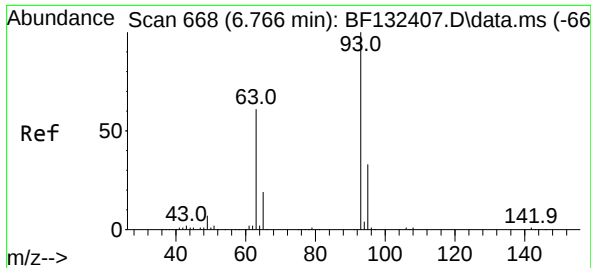


#10
Phenol
Concen: 4.758 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 94 Resp: 32632

Ion	Ratio	Lower	Upper
94	100		
65	24.3	4.3	44.3
66	35.0	16.2	56.2





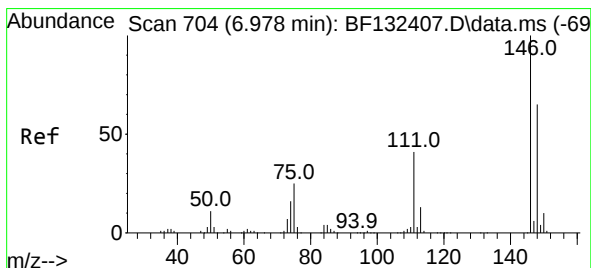
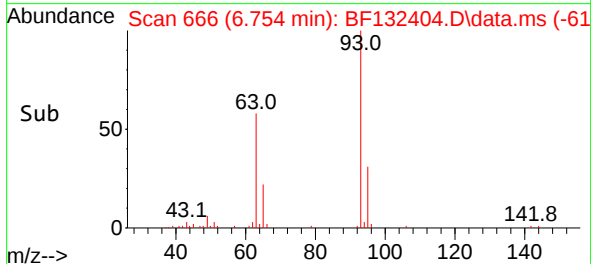
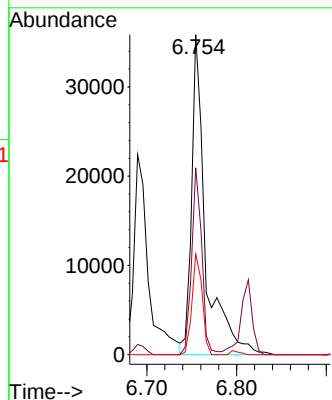
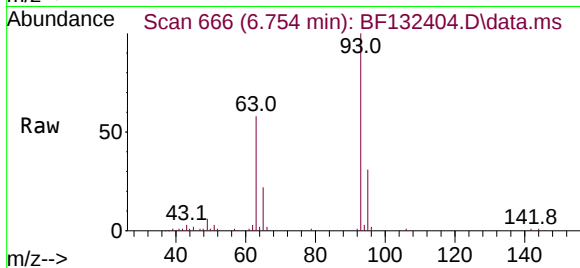
#11
bis(2-Chloroethyl)ether
Concen: 6.903 ng
RT: 6.754 min Scan# 60
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 3896
Ion Ratio Lower Upper
93 100
63 58.4 37.9 77.9
95 31.4 11.7 51.7

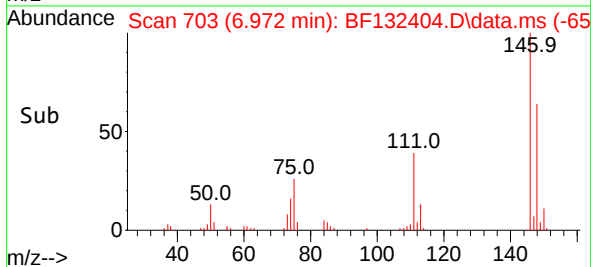
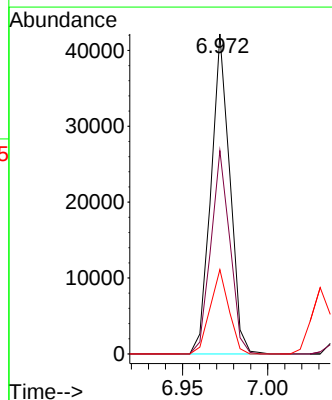
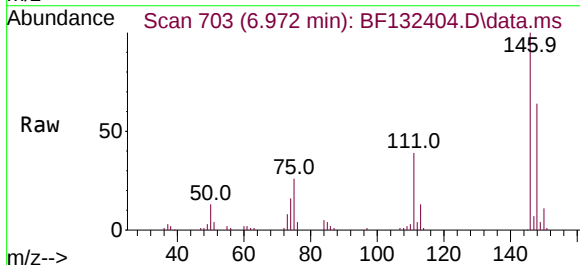
Manual Integrations
APPROVED

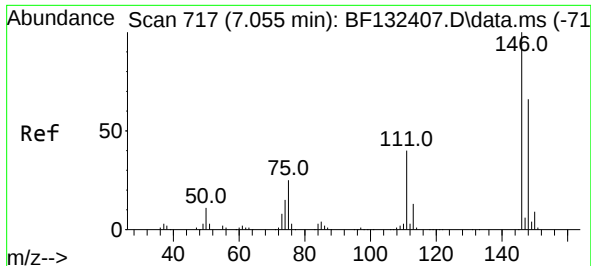
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#12
1,3-Dichlorobenzene
Concen: 5.496 ng
RT: 6.972 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:146 Resp: 32360
Ion Ratio Lower Upper
146 100
148 63.5 52.2 78.4
75 26.3 20.0 30.0





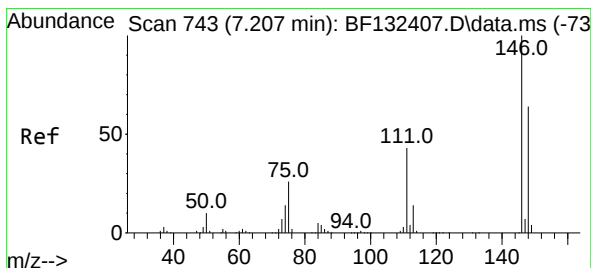
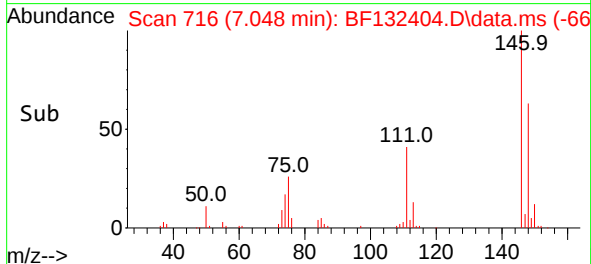
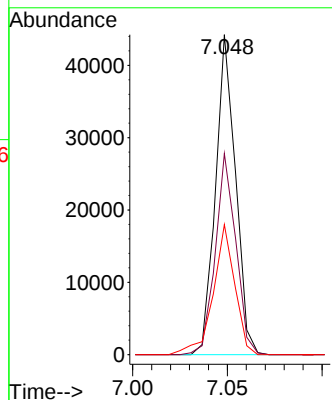
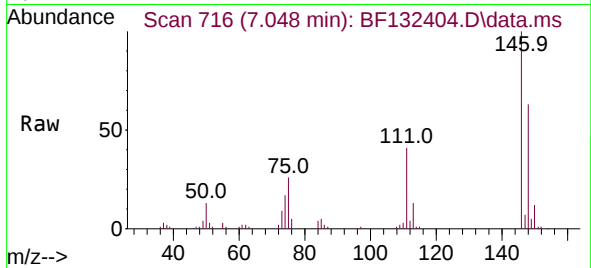
#13
1,4-Dichlorobenzene
Concen: 5.535 ng
RT: 7.048 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 32530
Ion Ratio Lower Upper
146 100
148 62.8 52.4 78.6
111 40.6 32.2 48.2

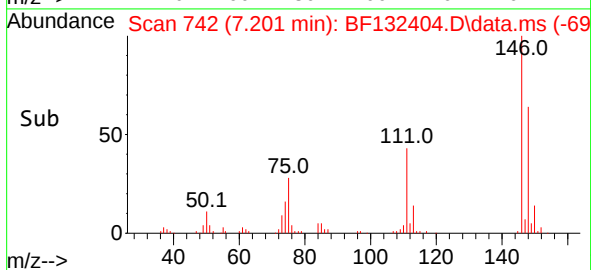
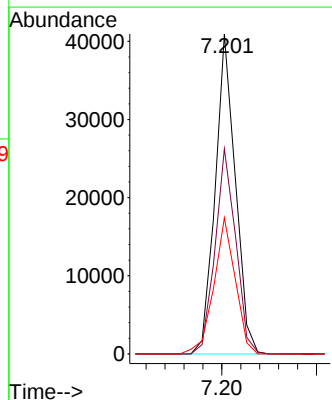
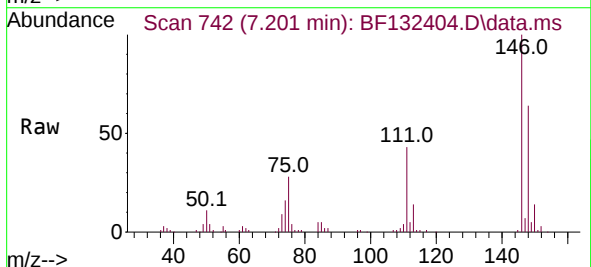
Manual Integrations
APPROVED

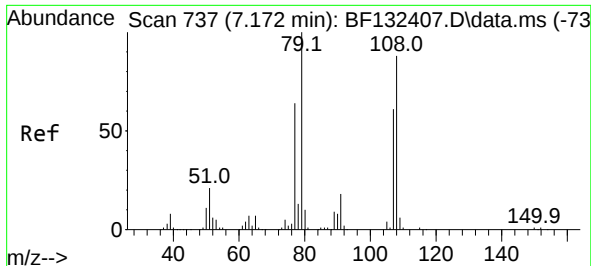
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#14
1,2-Dichlorobenzene
Concen: 5.525 ng
RT: 7.201 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:146 Resp: 30279
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 42.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 2.934 ng

RT: 7.160 min Scan# 737

Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

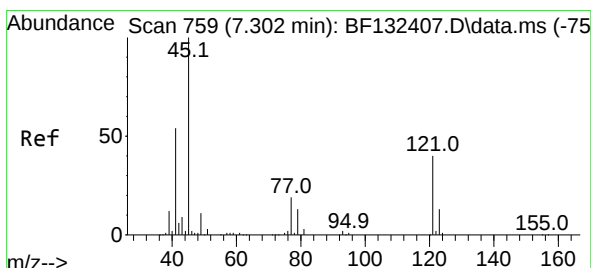
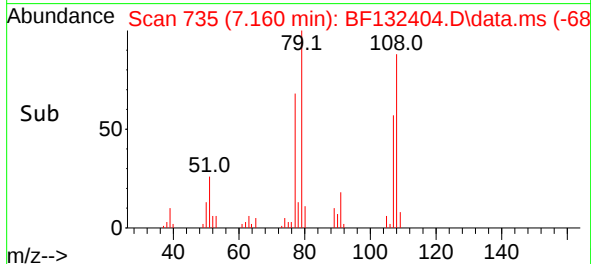
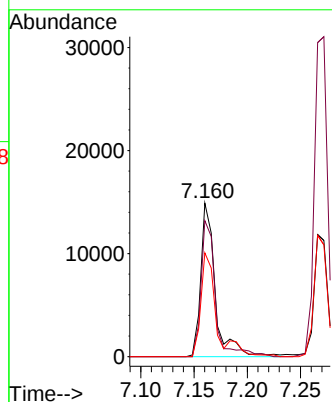
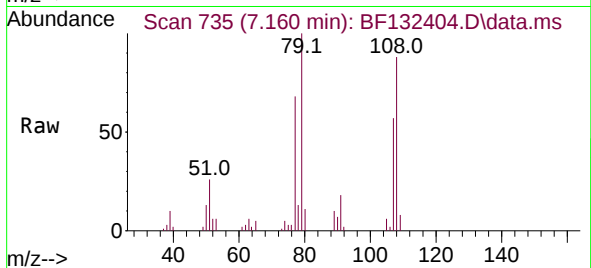
SSTDICC005

Tgt Ion: 79	Resp: 1418
Ion Ratio	Lower Upper
79	100
108	88.5 70.2 105.2
77	67.5 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.822 ng

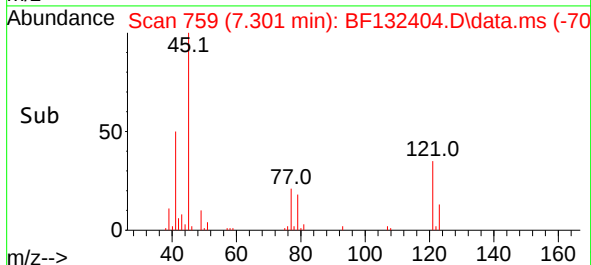
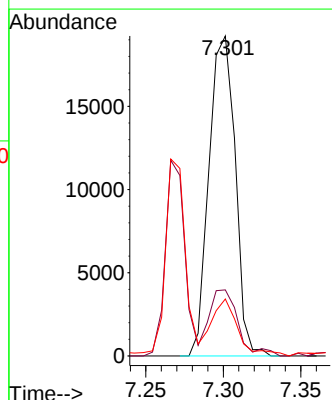
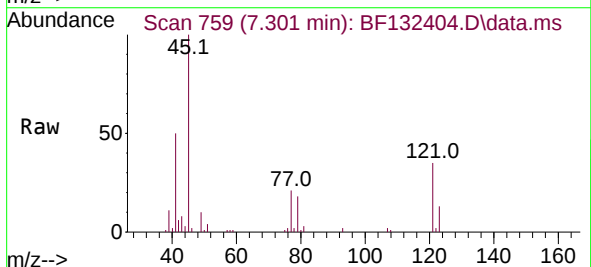
RT: 7.301 min Scan# 759

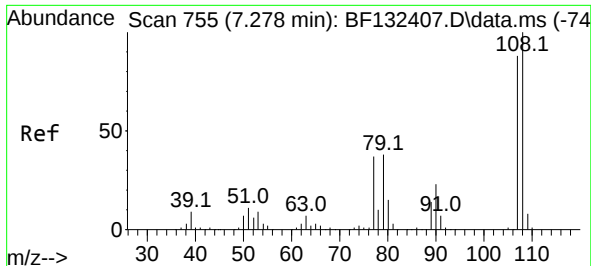
Delta R.T. -0.000 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion: 45	Resp: 22729
Ion Ratio	Lower Upper
45	100
77	20.6 1.3 41.3
79	17.8 0.0 35.9





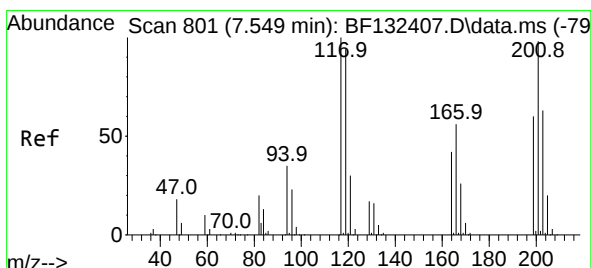
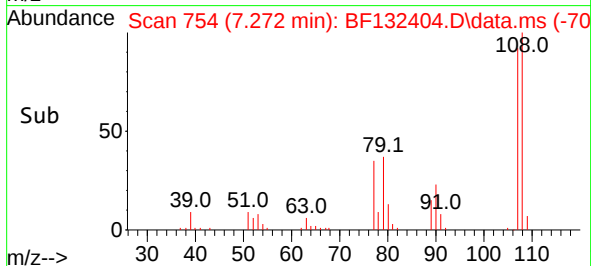
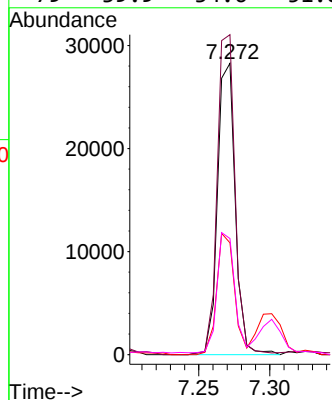
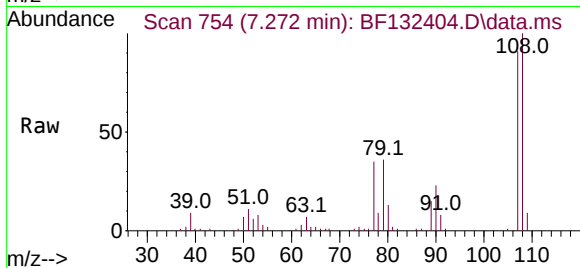
#17
2-Methylphenol
Concen: 5.049 ng
RT: 7.272 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:	107	Resp:	24605
Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.6	135.8
77	38.4	33.8	50.8
79	39.9	34.6	51.8

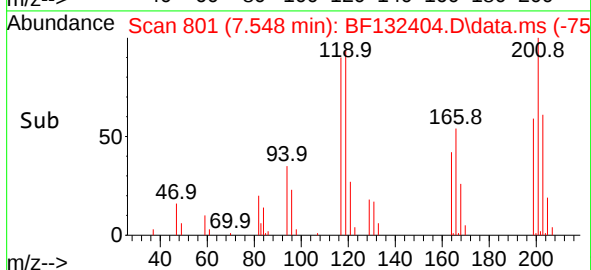
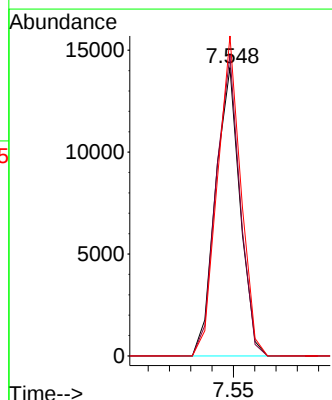
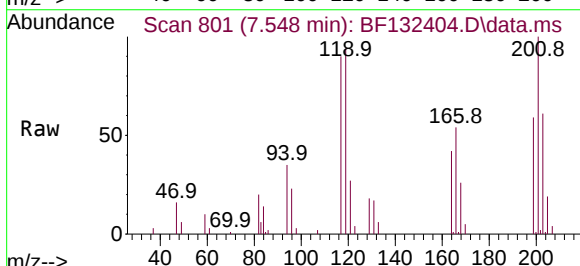
Manual Integrations
APPROVED

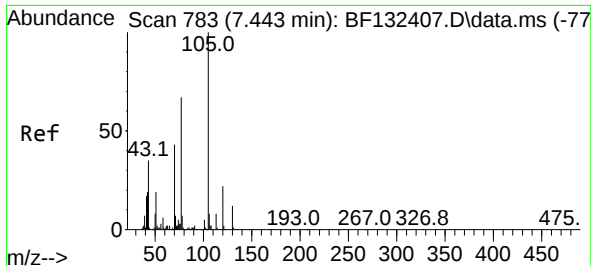
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 5.126 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

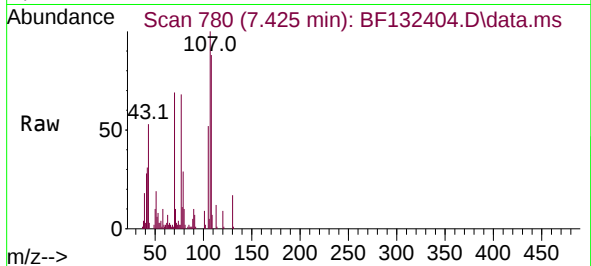
Tgt Ion:	117	Resp:	11302
Ion	Ratio	Lower	Upper
117	100		
119	104.5	75.3	112.9
201	111.0	78.7	118.1





#19
n-Nitroso-di-n-propylamine
Concen: 4.413 ng
RT: 7.425 min Scan# 779
Delta R.T. -0.018 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

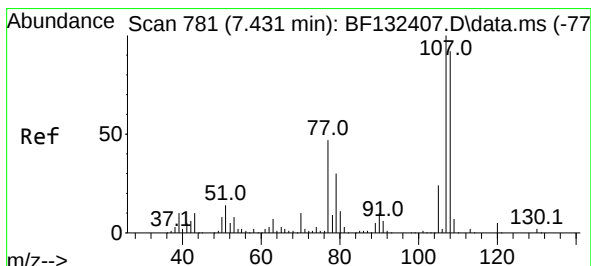
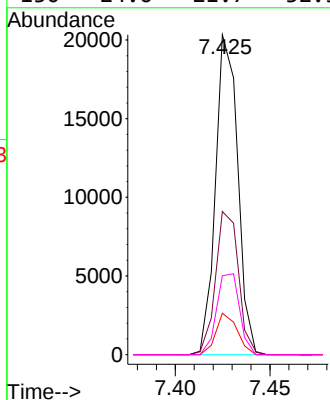
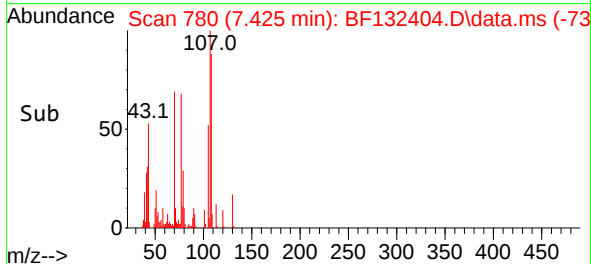
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



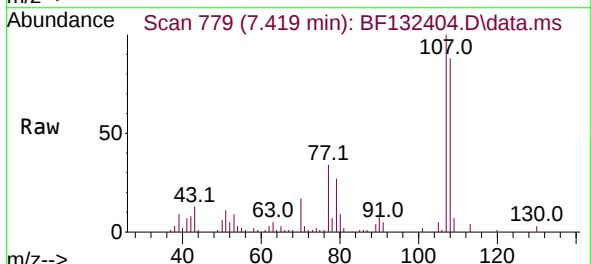
Tgt Ion: 70 Resp: 16610
Ion Ratio Lower Upper
70 100
42 44.7 36.0 54.0
101 13.0 9.4 14.2
130 24.6 21.7 32.5

Manual Integrations
APPROVED

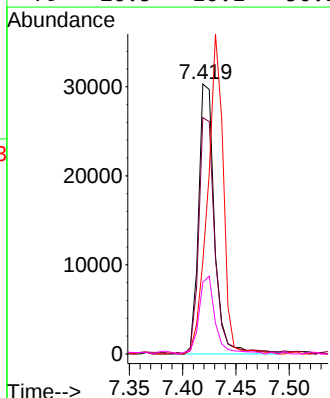
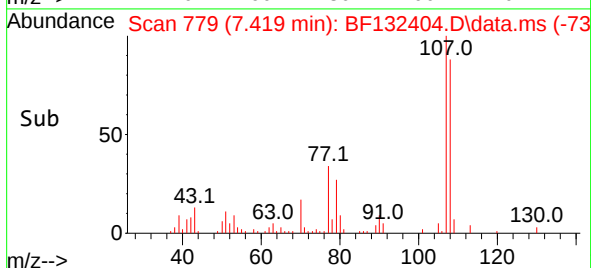
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

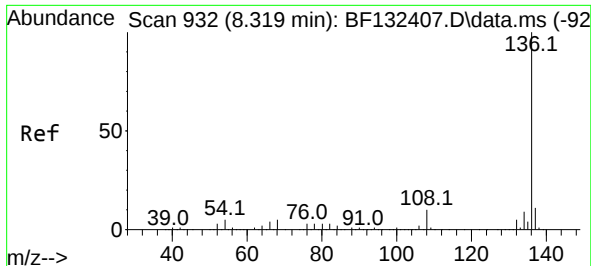


#20
3+4-Methylphenols
Concen: 5.041 ng
RT: 7.419 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



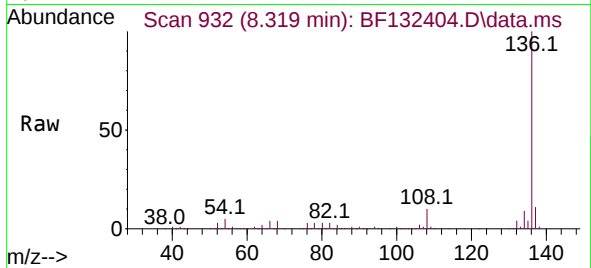
Tgt Ion:107 Resp: 31349
Ion Ratio Lower Upper
107 100
108 87.6 72.0 112.0
77 34.1 27.4 67.4
79 26.5 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

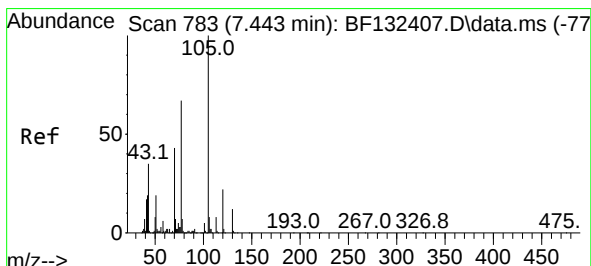
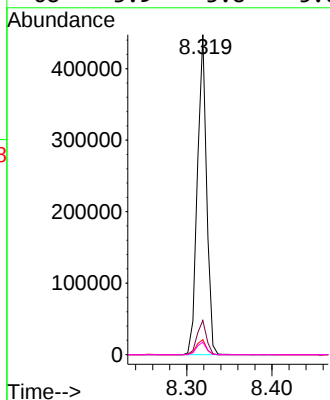
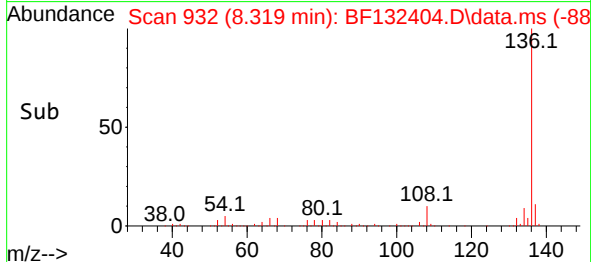
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



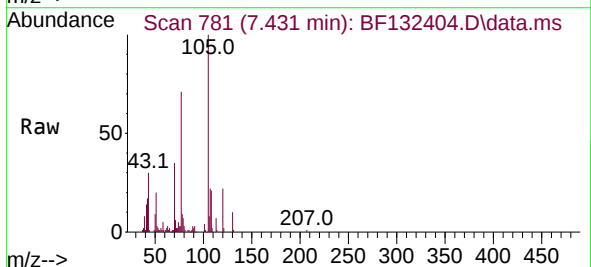
Tgt Ion:136 Resp: 335316
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 4.7 4.2 6.2
68 3.9 3.8 5.6

Manual Integrations
APPROVED

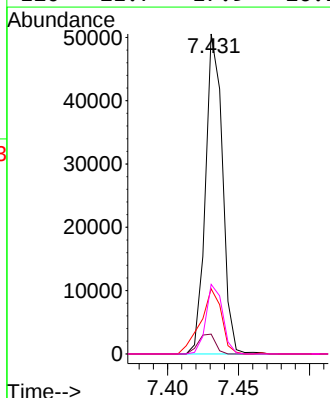
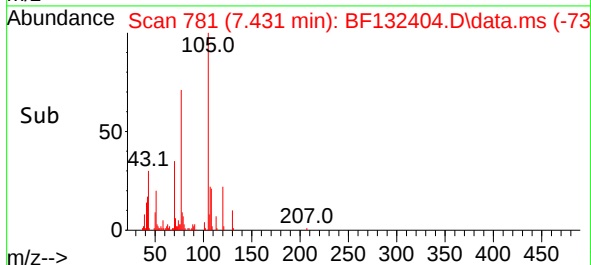
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

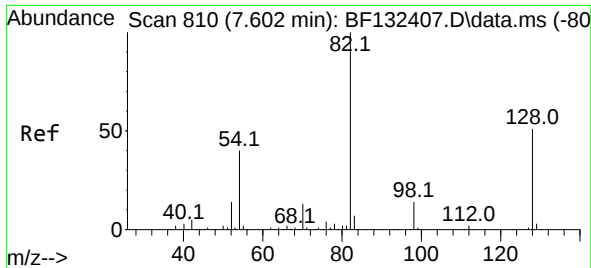


#22
Acetophenone
Concen: 5.320 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:105 Resp: 41949
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.2
51 20.3 14.9 22.3
120 21.7 17.9 26.9





#23
Nitrobenzene-d5
Concen: 9.232 ng
RT: 7.590 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

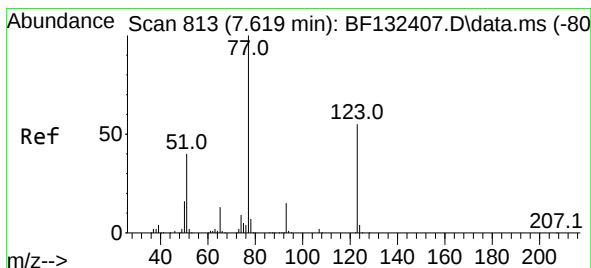
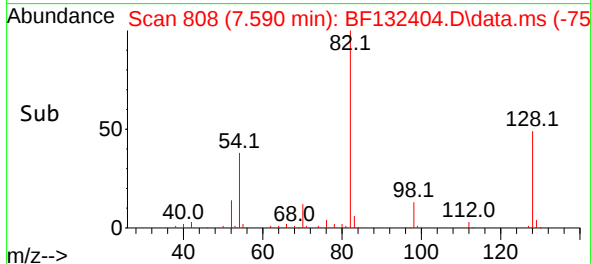
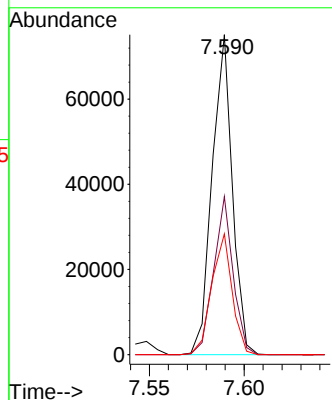
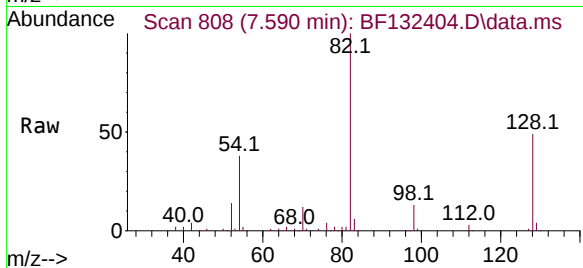
SSTDICC005

Tgt Ion: 82 Resp: 5562
Ion Ratio Lower Upper
82 100
128 49.4 40.7 61.1
54 37.7 32.3 48.5

Manual Integrations

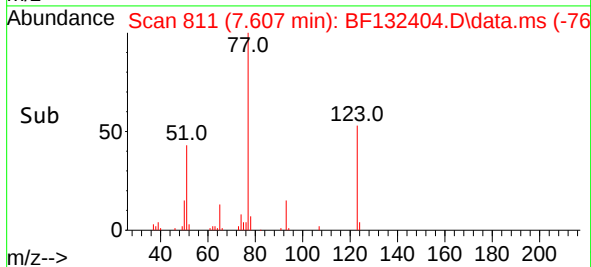
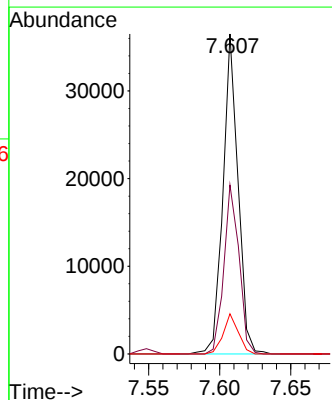
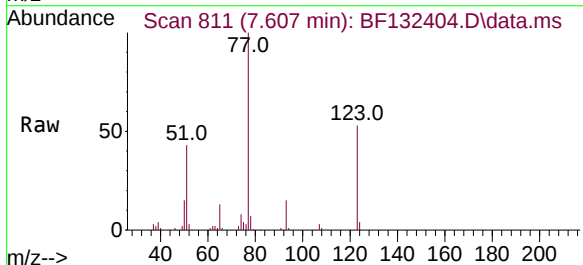
APPROVED

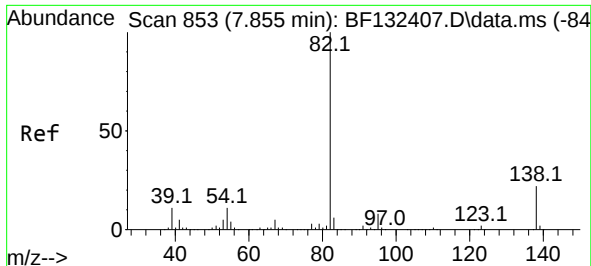
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#24
Nitrobenzene
Concen: 4.374 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 77 Resp: 26924
Ion Ratio Lower Upper
77 100
123 52.8 43.6 65.4
65 12.5 10.3 15.5





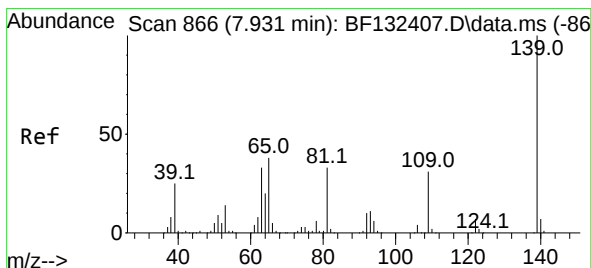
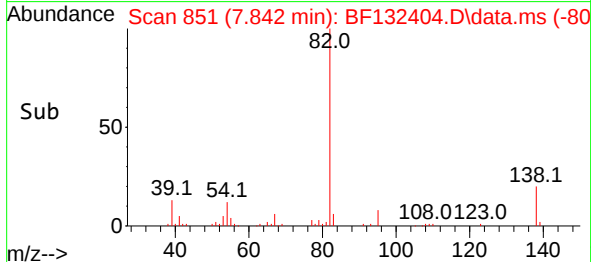
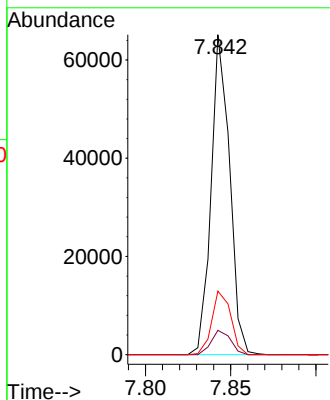
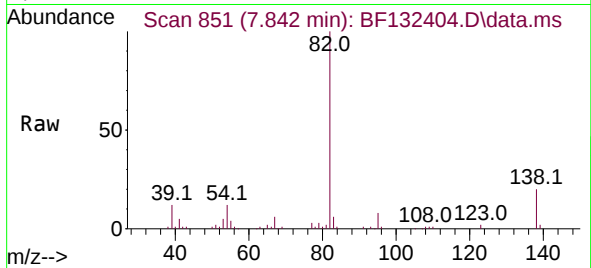
#25
Isophorone
Concen: 4.302 ng
RT: 7.842 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
Client Sample Id :
SSTDICC005

Tgt Ion: 82 Resp: 49196
Ion Ratio Lower Upper
82 100
95 7.6 6.6 9.8
138 19.8 17.2 25.8

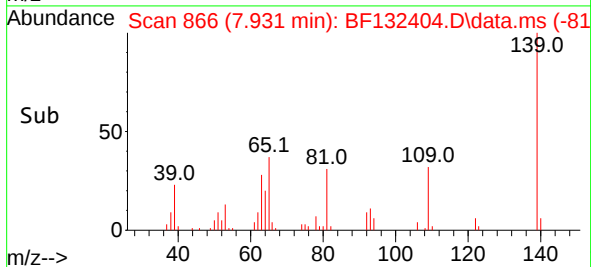
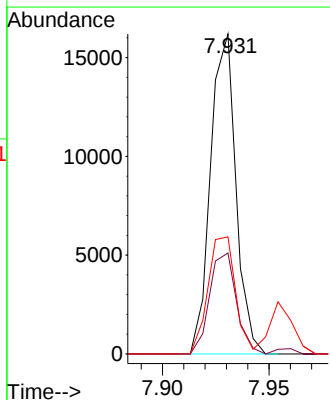
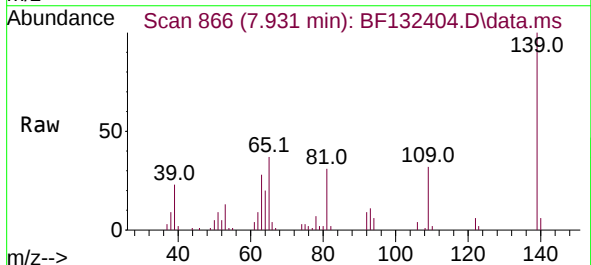
Manual Integrations
APPROVED

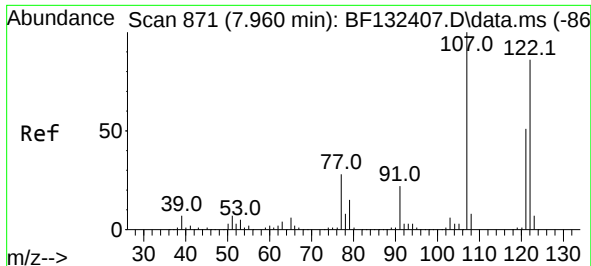
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#26
2-Nitrophenol
Concen: 4.469 ng
RT: 7.931 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:139 Resp: 13399
Ion Ratio Lower Upper
139 100
109 31.5 25.2 37.8
65 36.6 30.6 45.8





#27

2,4-Dimethylphenol

Concen: 4.709 ng

RT: 7.954 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

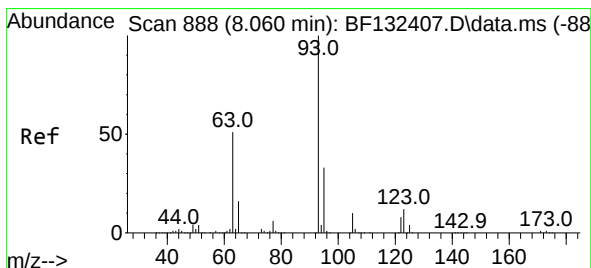
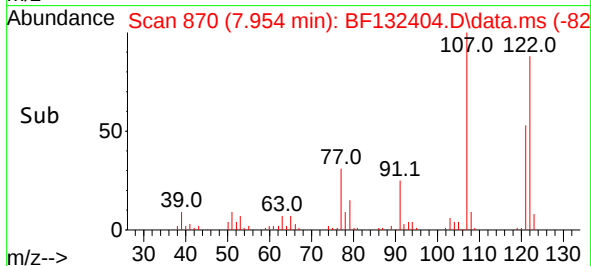
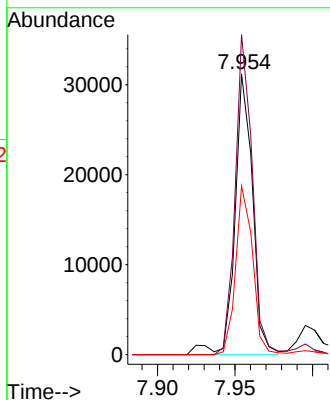
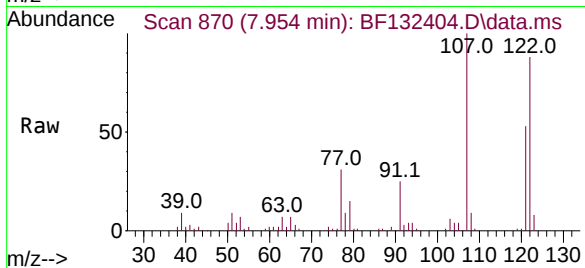
Tgt Ion:122 Resp: 2471

Ion	Ratio	Lower	Upper
122	100		
107	114.0	93.2	139.8
121	60.1	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 4.627 ng

RT: 8.054 min Scan# 887

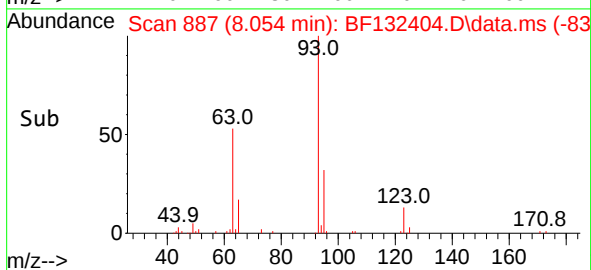
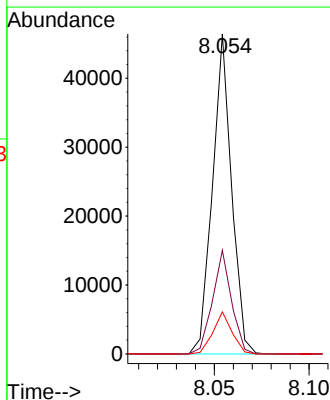
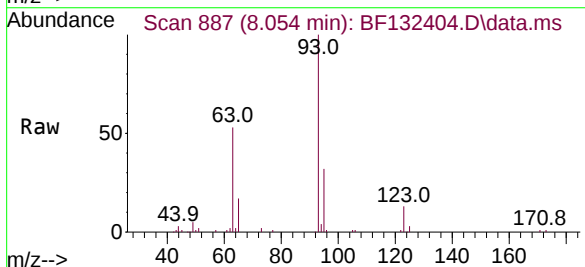
Delta R.T. -0.006 min

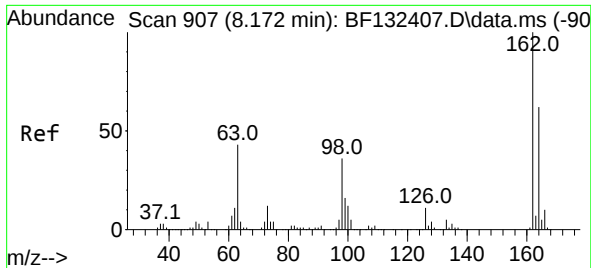
Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion: 93 Resp: 32522

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	13.1	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 5.059 ng

RT: 8.172 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

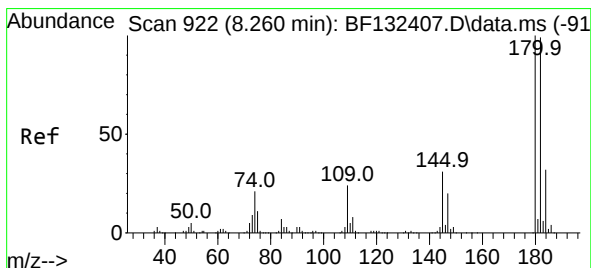
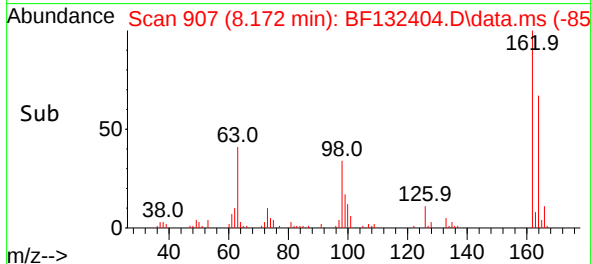
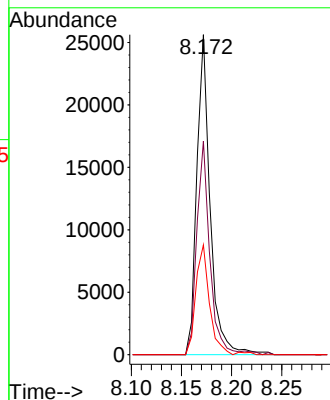
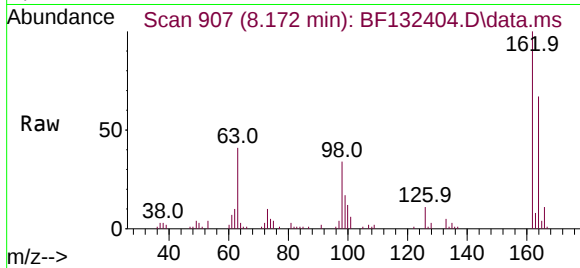
SSTDICC005

Tgt Ion:162	Resp:	23573
Ion Ratio	Lower	Upper
162	100	
164	66.7	42.4 82.4
98	34.3	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 5.586 ng

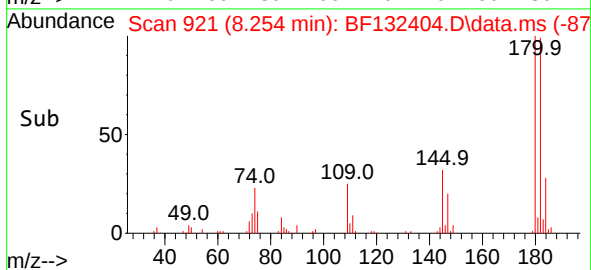
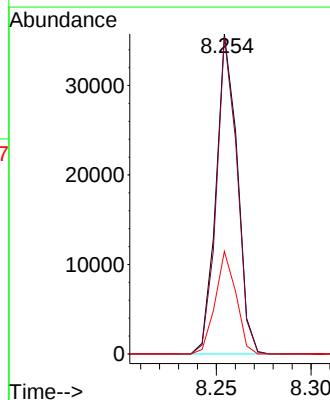
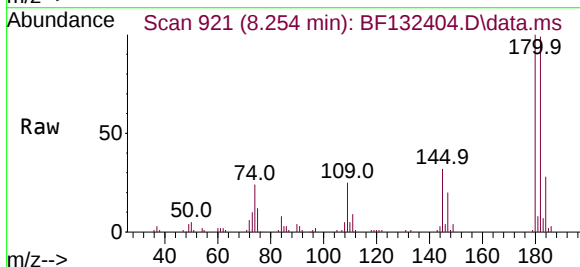
RT: 8.254 min Scan# 921

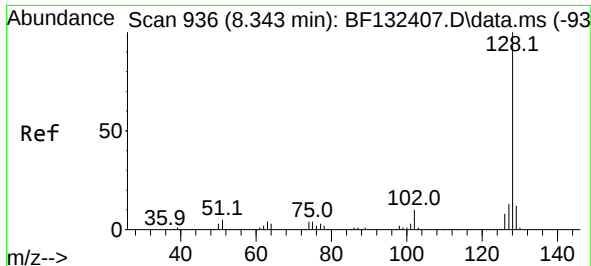
Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

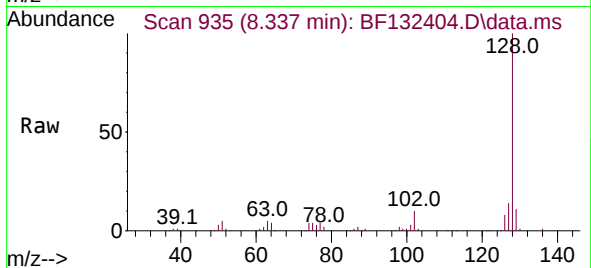
Tgt Ion:180	Resp:	27876
Ion Ratio	Lower	Upper
180	100	
182	99.1	79.0 118.6
145	32.0	24.9 37.3





#31
Naphthalene
Concen: 5.436 ng
RT: 8.337 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

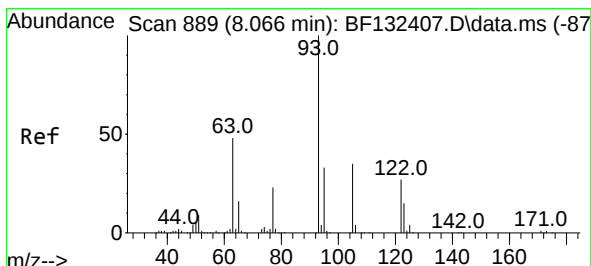
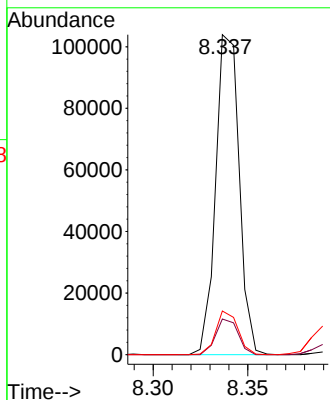
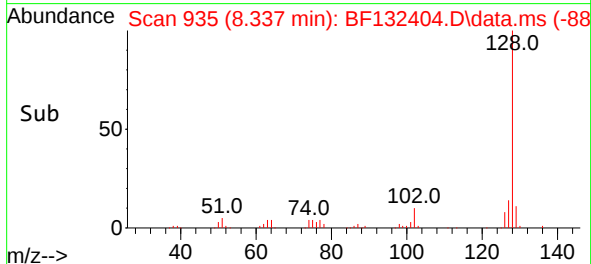
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 89729
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.6 10.5 15.7

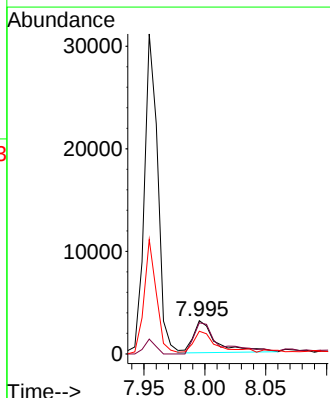
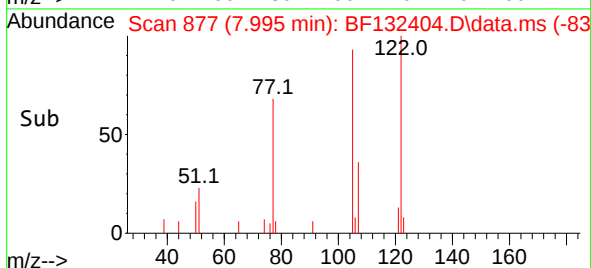
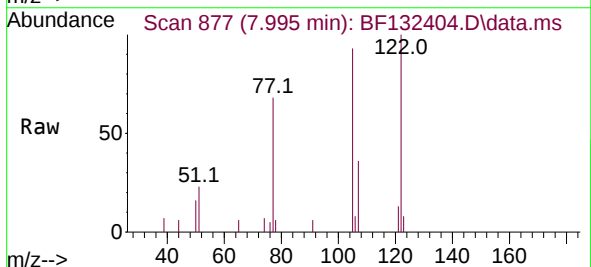
Manual Integrations
APPROVED

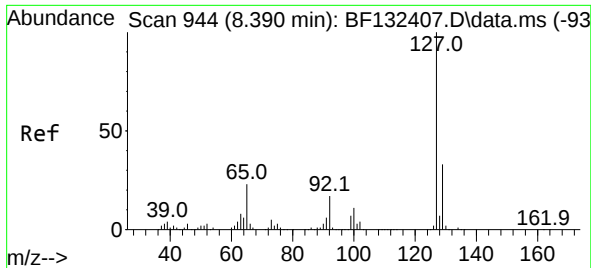
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 1.051 ng
RT: 7.995 min Scan# 877
Delta R.T. -0.071 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:122 Resp: 4084
Ion Ratio Lower Upper
122 100
105 93.3 101.9 141.9#
77 68.2 61.1 101.1





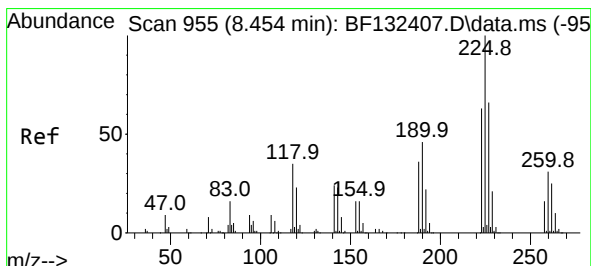
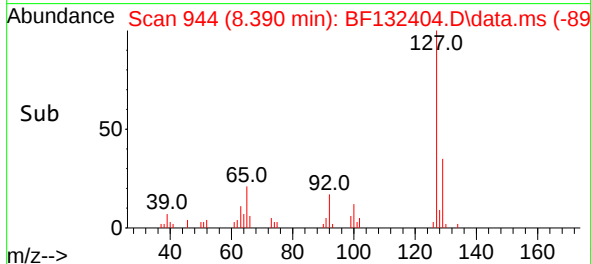
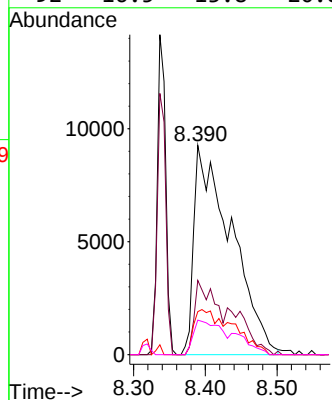
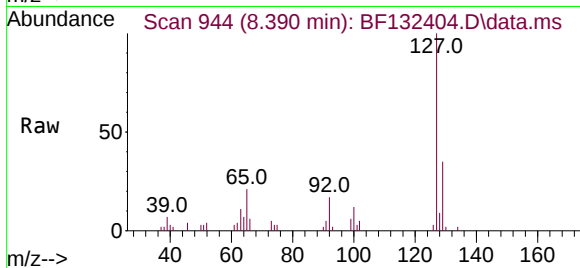
#33
4-Chloroaniline
Concen: 4.574 ng m
RT: 8.390 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:	127	Resp:	33474
Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.3	39.5
65	20.5	18.0	27.0
92	16.5	13.8	20.8

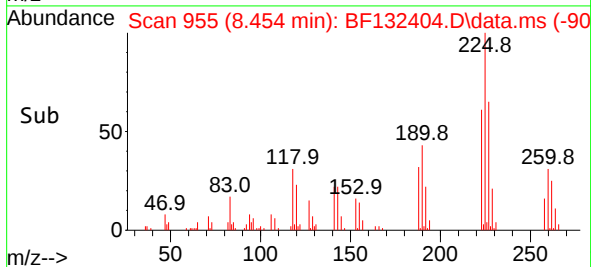
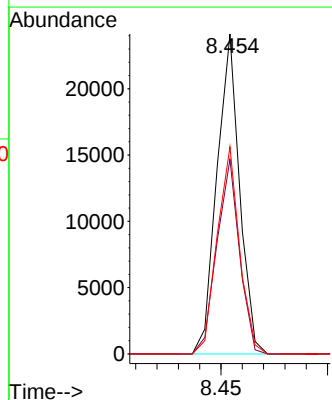
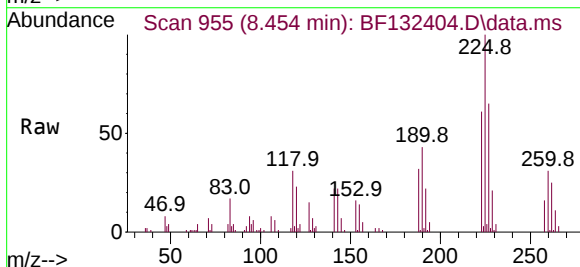
Manual Integrations
APPROVED

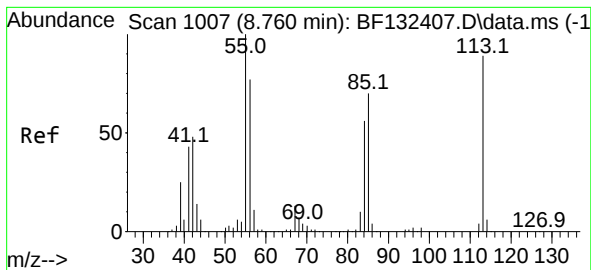
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#34
Hexachlorobutadiene
Concen: 6.351 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:	225	Resp:	17817
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.2	75.4
227	64.7	53.0	79.4





#35

Caprolactam

Concen: 4.337 ng

RT: 8.713 min Scan# 999

Delta R.T. -0.047 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:113 Resp: 6889

Ion Ratio Lower Upper

113 100

55 115.5 92.5 132.5

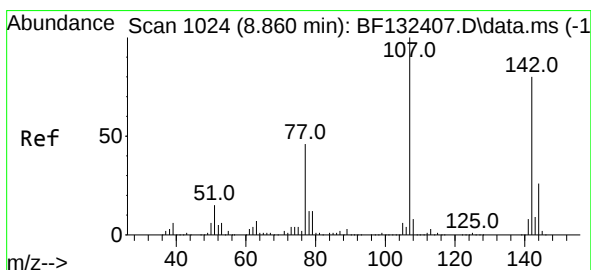
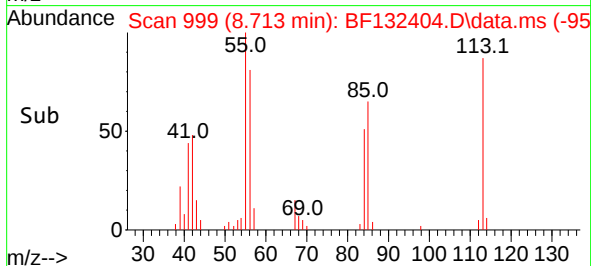
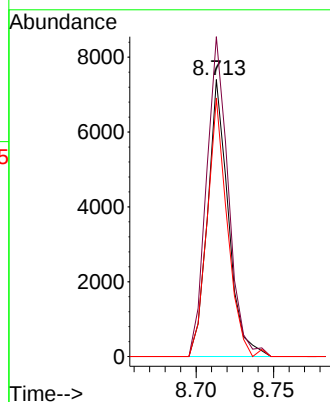
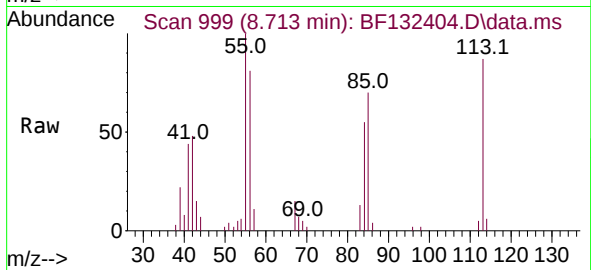
56 93.4 66.6 106.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#36

4-Chloro-3-methylphenol

Concen: 6.331 ng

RT: 8.860 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

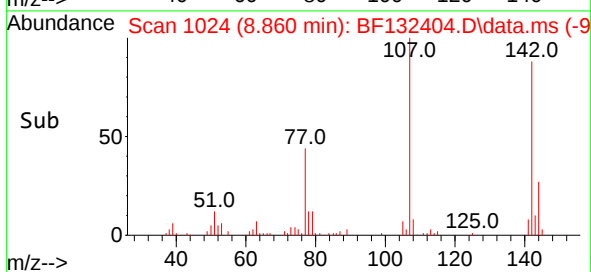
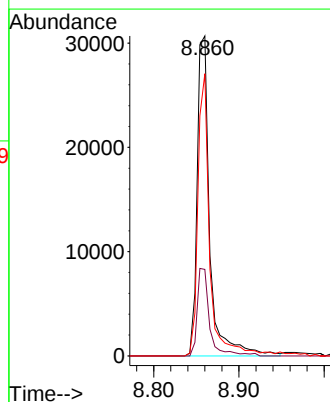
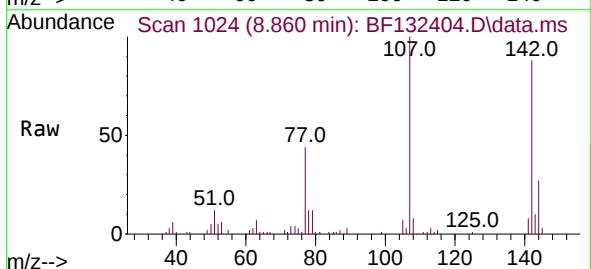
Tgt Ion:107 Resp: 31784

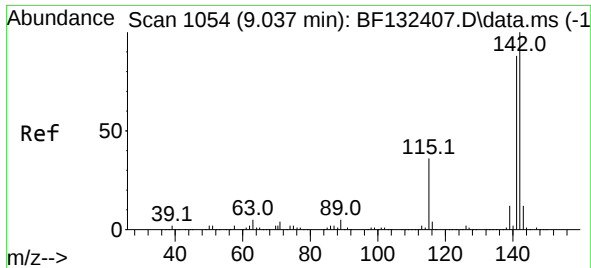
Ion Ratio Lower Upper

107 100

144 27.0 20.8 31.2

142 88.2 63.9 95.9





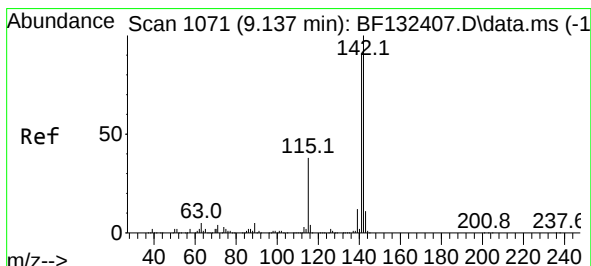
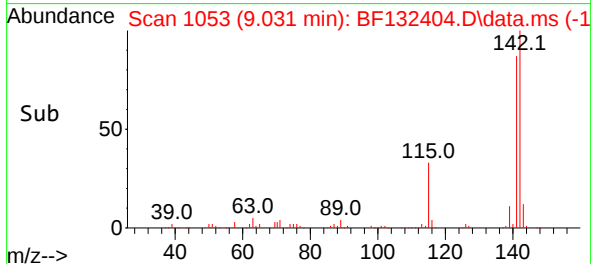
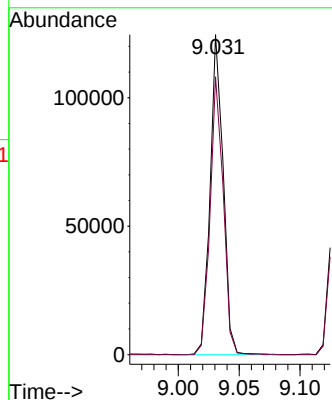
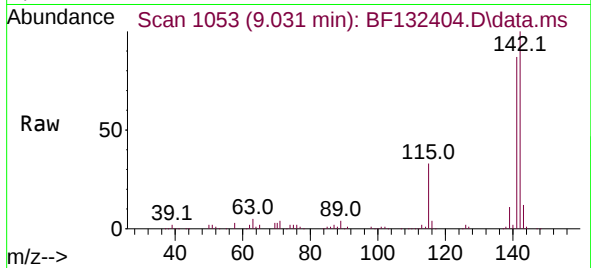
#37
2-Methylnaphthalene
Concen: 8.353 ng
RT: 9.031 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 93391
Ion Ratio Lower Upper
142 100
141 86.8 70.6 106.0

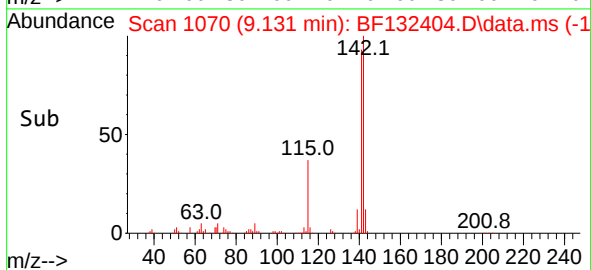
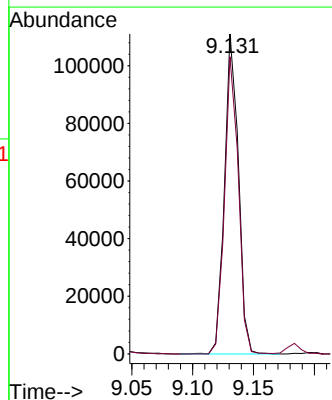
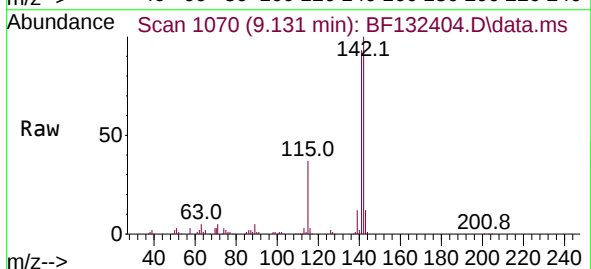
Manual Integrations
APPROVED

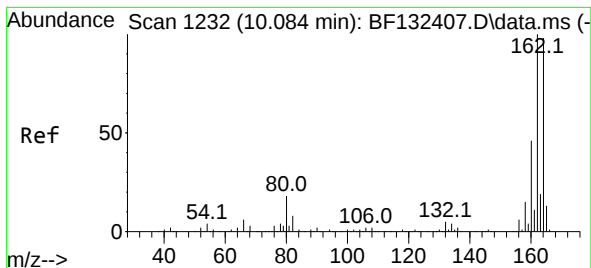
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#38
1-Methylnaphthalene
Concen: 8.471 ng
RT: 9.131 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

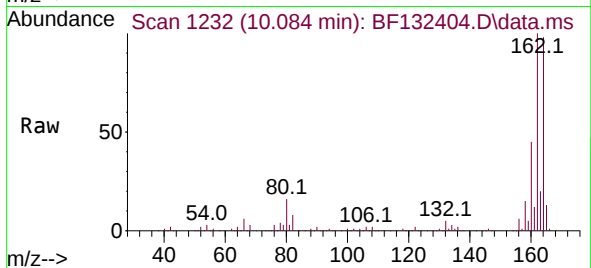
Tgt Ion:142 Resp: 88009
Ion Ratio Lower Upper
142 100
141 92.9 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.084 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

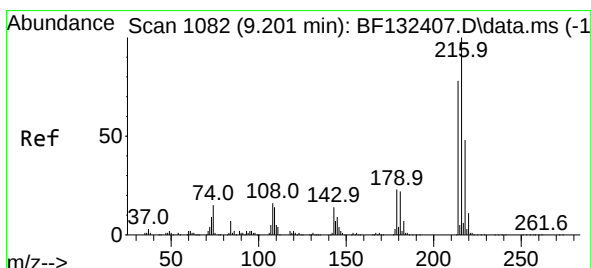
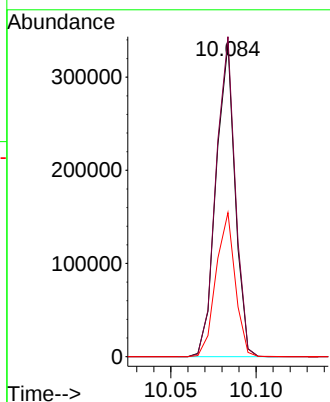
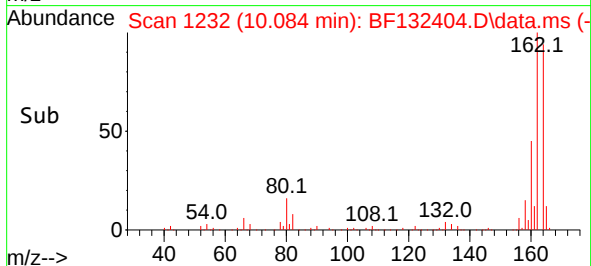
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



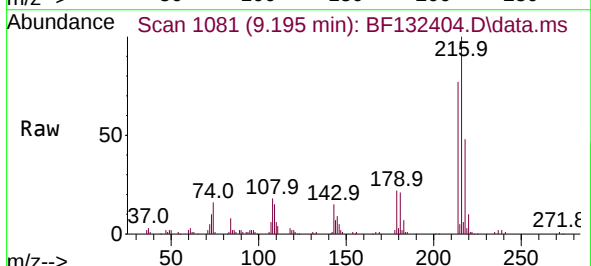
Tgt Ion:164 Resp: 260904
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 45.9 37.4 56.0

Manual Integrations
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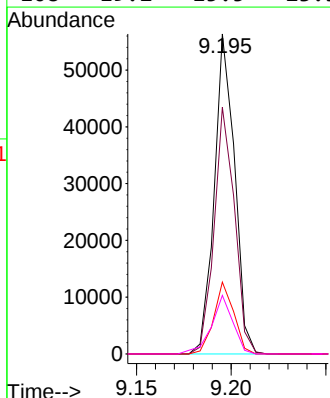
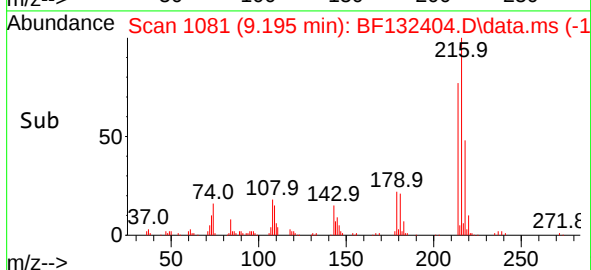
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

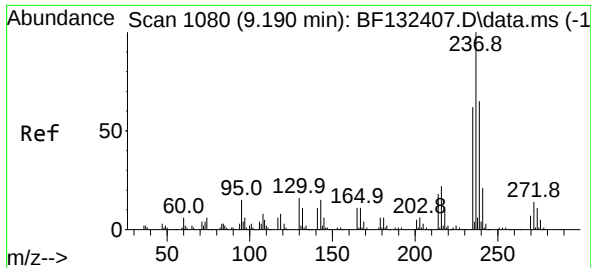


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.731 ng
RT: 9.195 min Scan# 1081
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:216 Resp: 42075
Ion Ratio Lower Upper
216 100
214 77.2 63.0 94.4
179 22.1 18.1 27.1
108 19.2 15.5 23.3





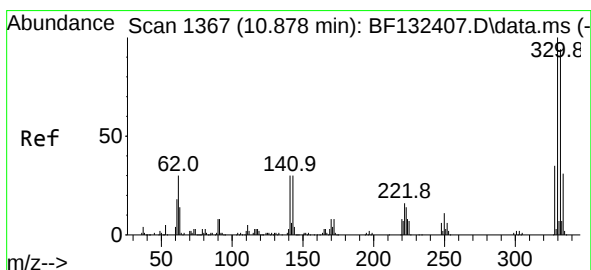
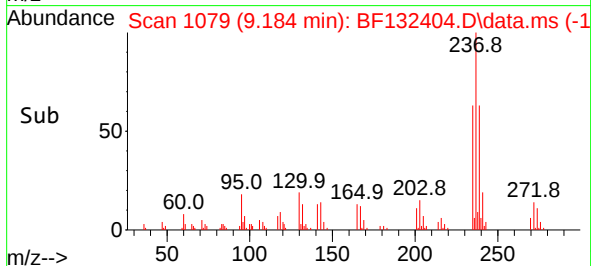
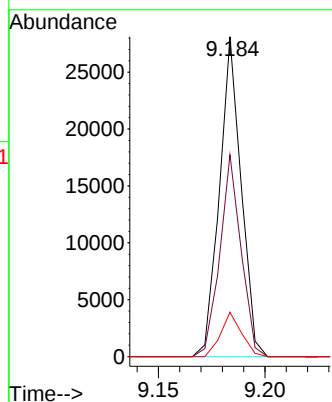
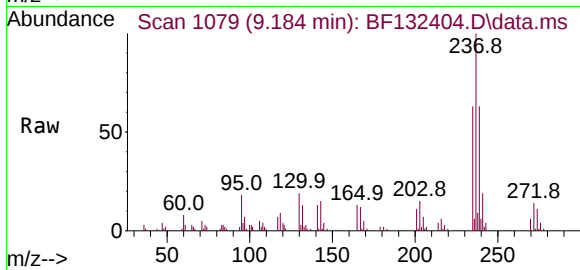
#41
Hexachlorocyclopentadiene
Concen: 4.641 ng
RT: 9.184 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 237 Resp: 1988
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 13.9 0.0 33.8

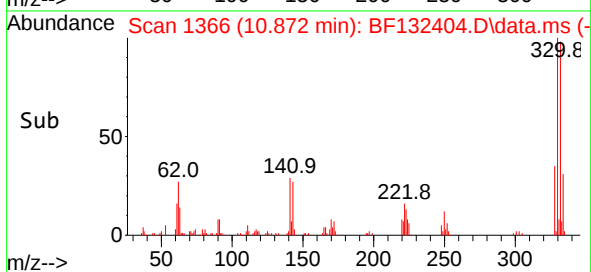
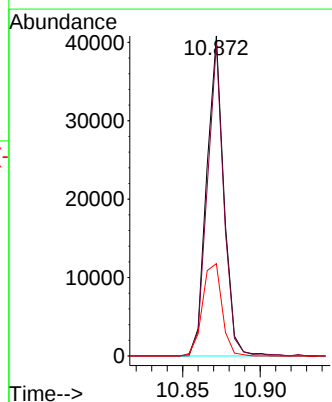
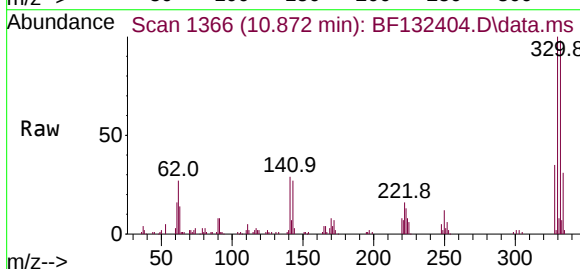
Manual Integrations
APPROVED

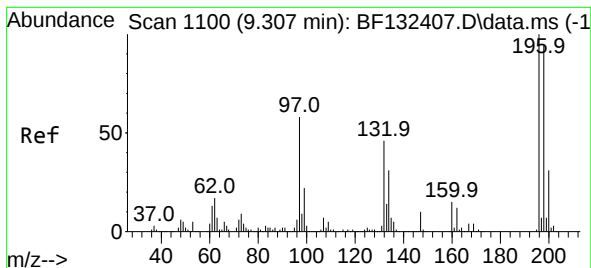
Reviewed By : Christian Giraldo 02/14/2023
Supervised By : Jagrut Upadhyay 02/14/2023



#42
2,4,6-Tribromophenol
Concen: 11.699 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 330 Resp: 31388
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 32.8 25.4 38.2





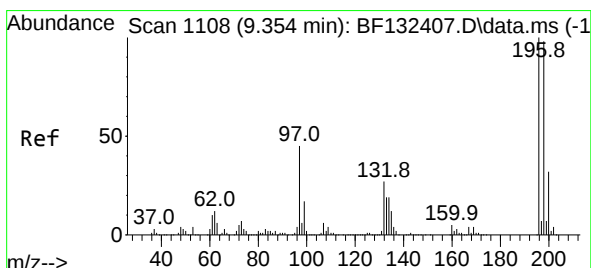
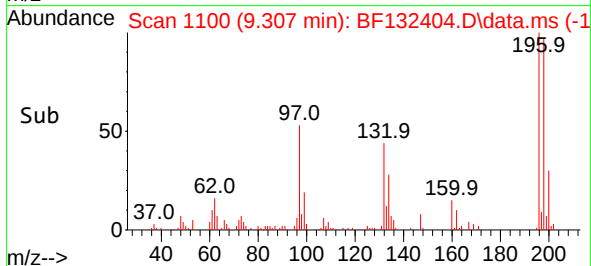
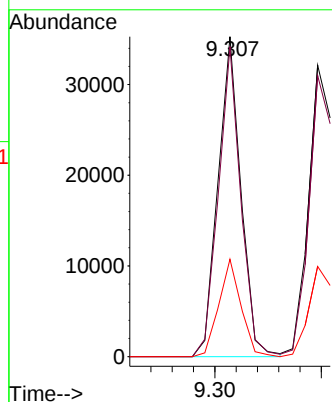
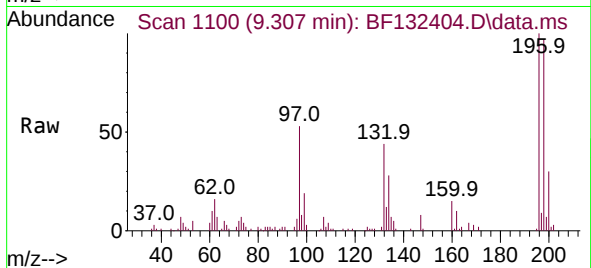
#43
2,4,6-Trichlorophenol
Concen: 5.004 ng
RT: 9.307 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 26263
Ion Ratio Lower Upper
196 100
198 96.9 75.1 112.7
200 30.4 24.6 37.0

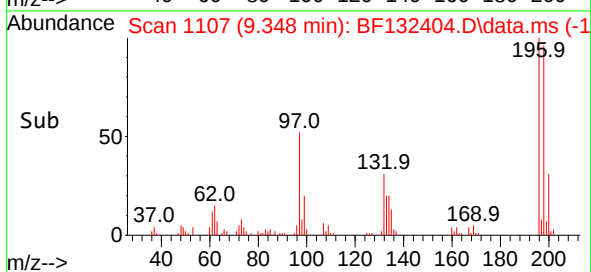
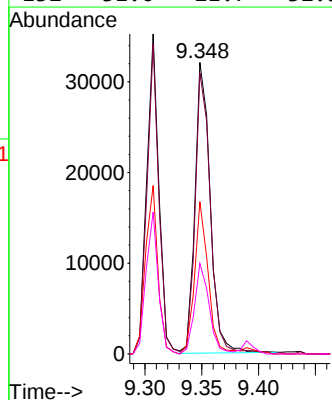
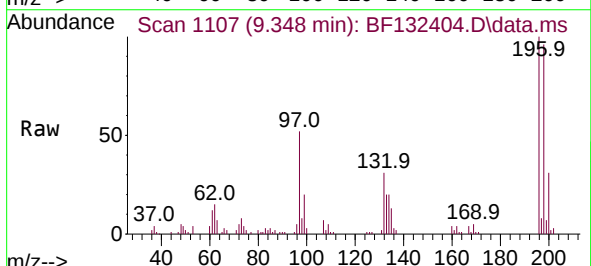
Manual Integrations
APPROVED

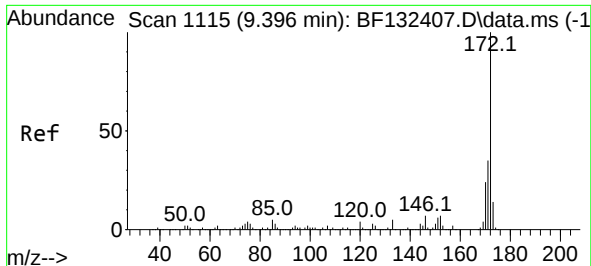
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#44
2,4,5-Trichlorophenol
Concen: 4.944 ng
RT: 9.348 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:196 Resp: 29868
Ion Ratio Lower Upper
196 100
198 96.4 78.0 117.0
97 52.2 35.6 53.4
132 31.0 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 11.863 ng

RT: 9.389 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:172 Resp: 200435

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

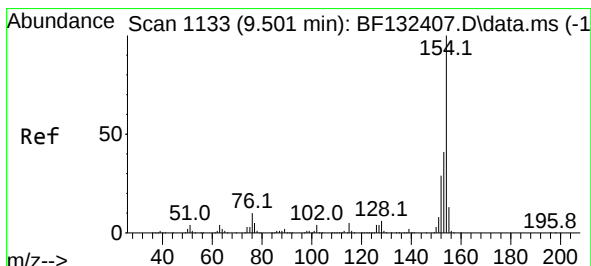
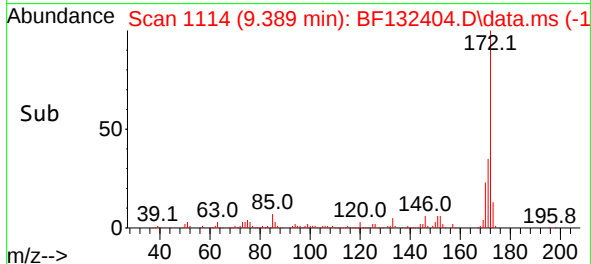
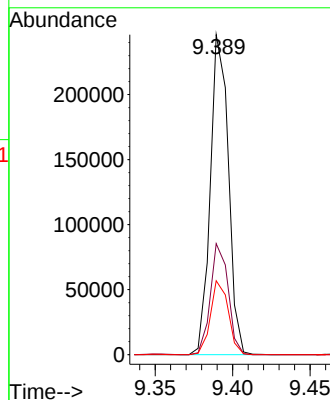
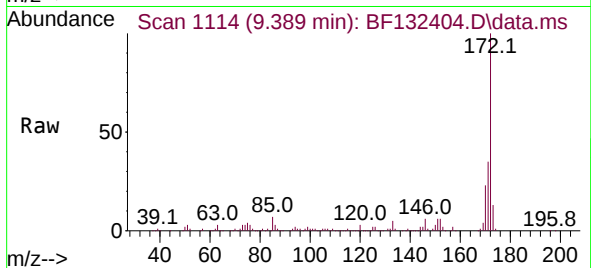
170 23.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#46

1,1'-Biphenyl

Concen: 5.526 ng

RT: 9.495 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

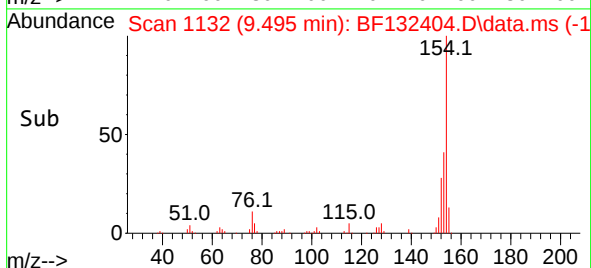
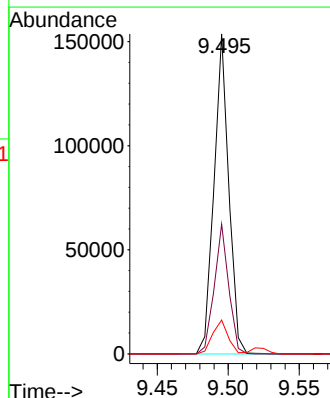
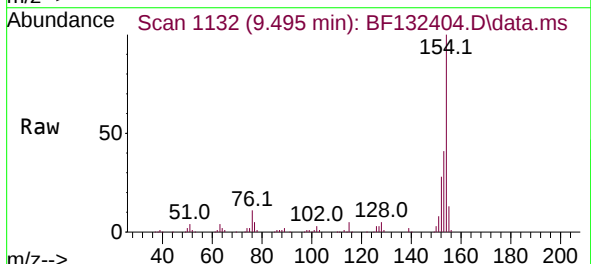
Tgt Ion:154 Resp: 111154

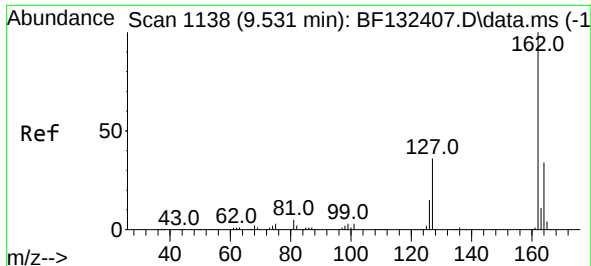
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 10.6 0.0 29.8





#47

2-Chloronaphthalene

Concen: 5.505 ng

RT: 9.525 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

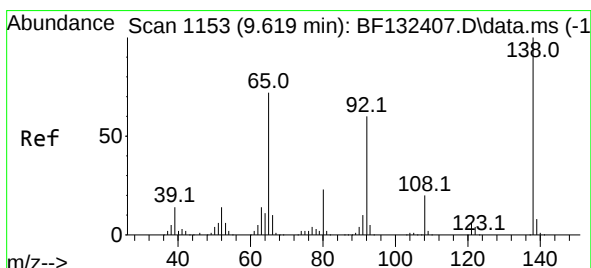
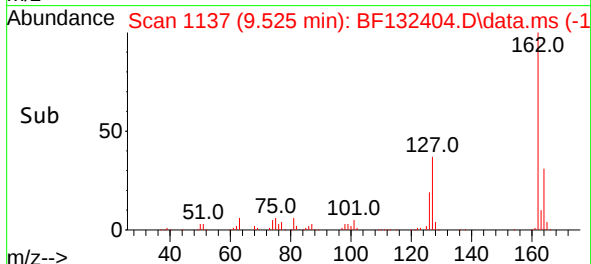
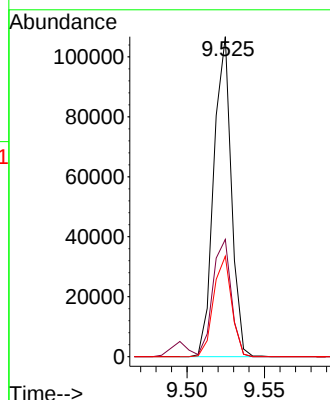
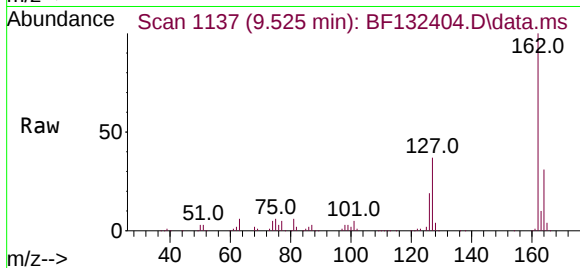
SSTDICC005

Tgt Ion:162	Resp:	84329
Ion Ratio	Lower	Upper
162	100	
127	36.6	31.6 47.4
164	31.4	26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#48

2-Nitroaniline

Concen: 3.766 ng

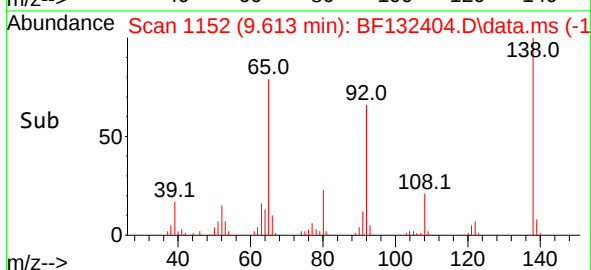
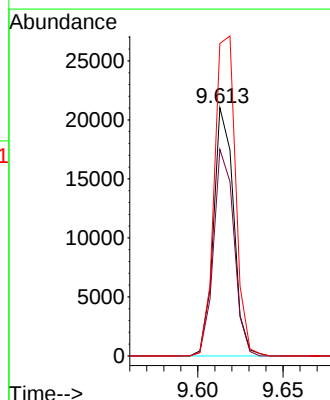
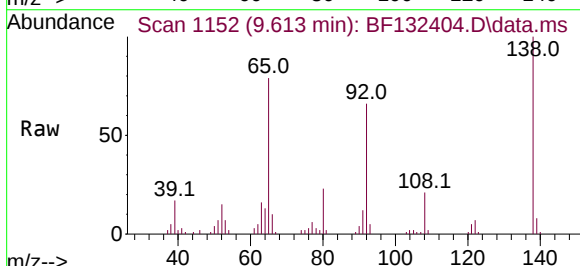
RT: 9.613 min Scan# 1152

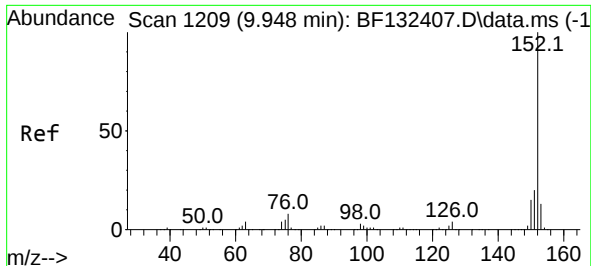
Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion: 65	Resp:	17160
Ion Ratio	Lower	Upper
65	100	
92	83.2	67.2 100.8
138	125.9	111.2 166.8





#49

Acenaphthylene

Concen: 5.353 ng

RT: 9.942 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

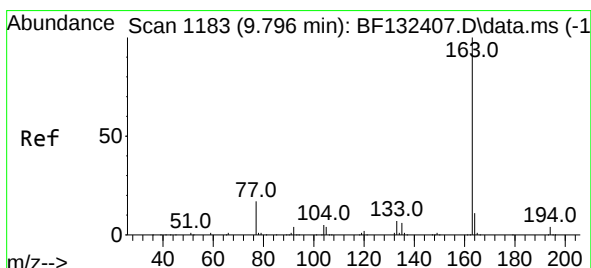
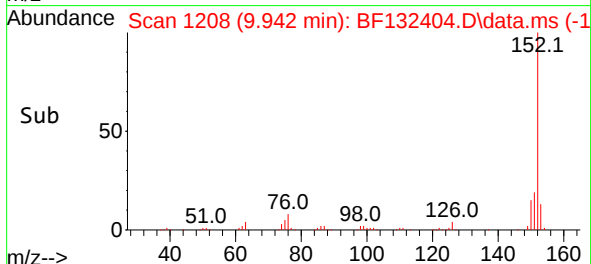
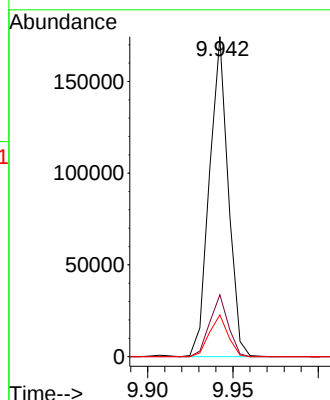
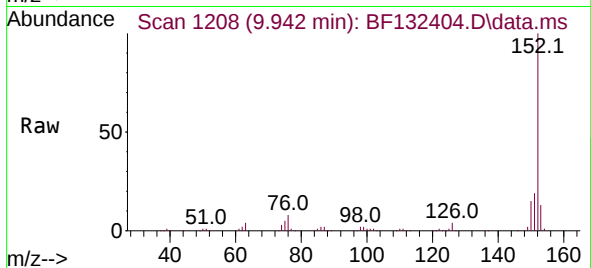
SSTDICC005

Tgt Ion:152 Resp: 133853
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.2
 153 13.0 10.8 16.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#50

Dimethylphthalate

Concen: 5.500 ng

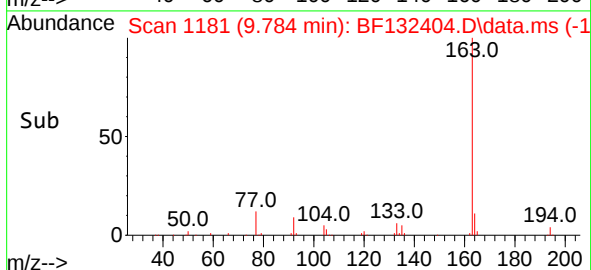
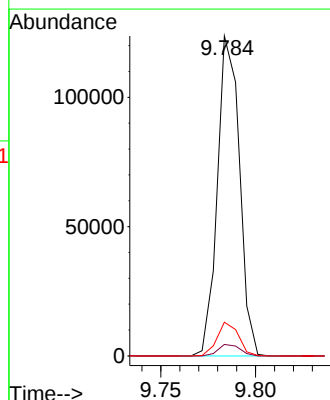
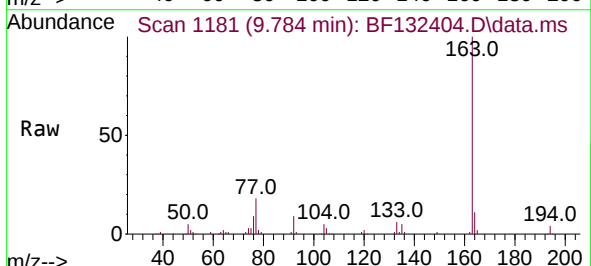
RT: 9.784 min Scan# 1181

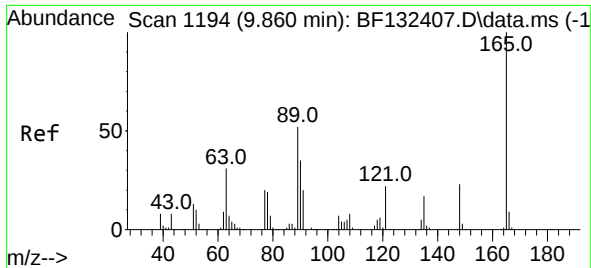
Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion:163 Resp: 100380
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.6
 164 10.5 8.5 12.7





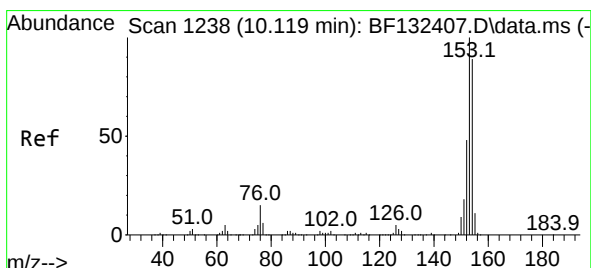
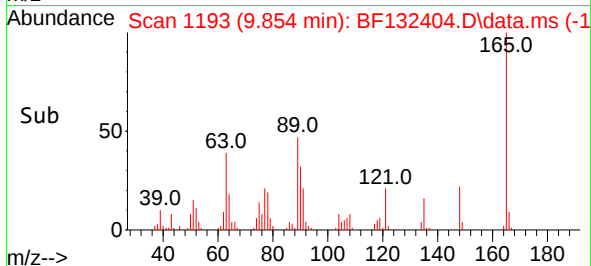
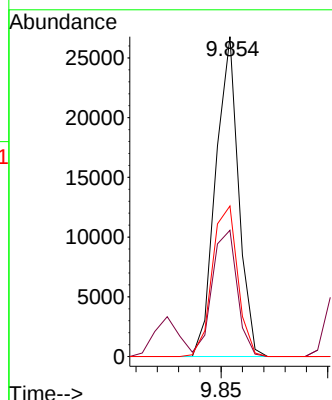
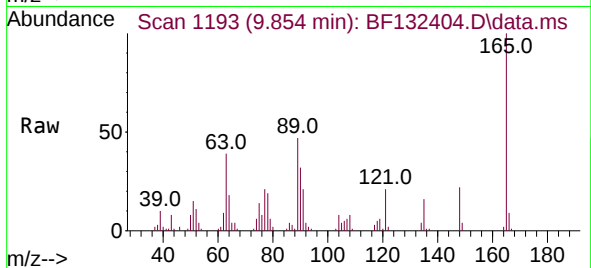
#51
2,6-Dinitrotoluene
Concen: 4.897 ng
RT: 9.854 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 1996
Ion Ratio Lower Upper
165 100
63 39.5 34.0 51.0
89 47.1 41.8 62.6

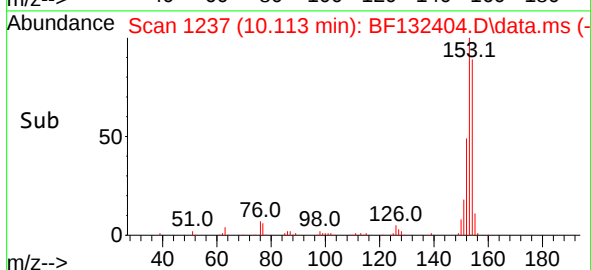
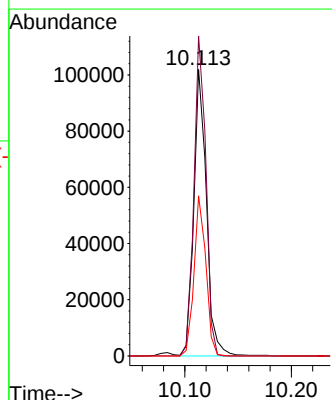
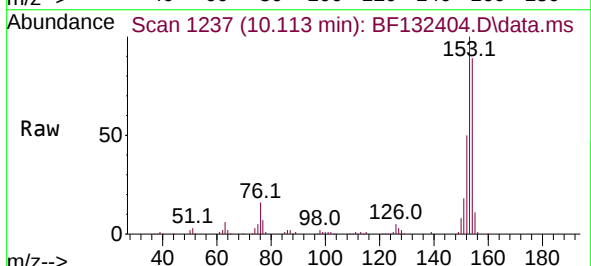
Manual Integrations
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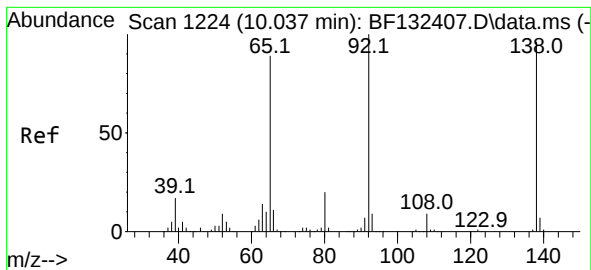
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 5.361 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:154 Resp: 83919
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 55.9 42.7 64.1





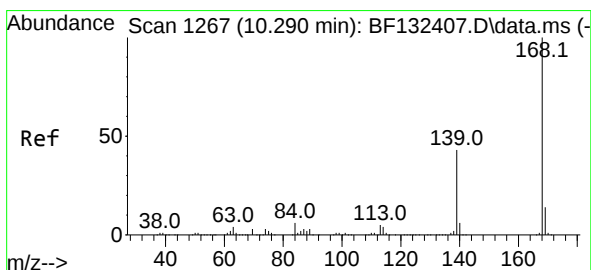
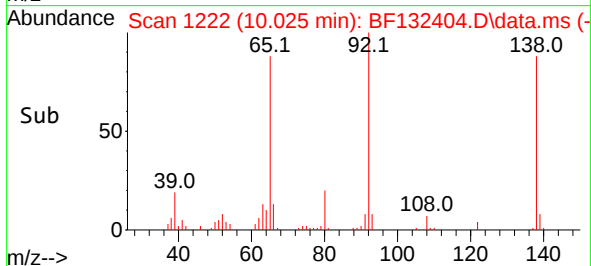
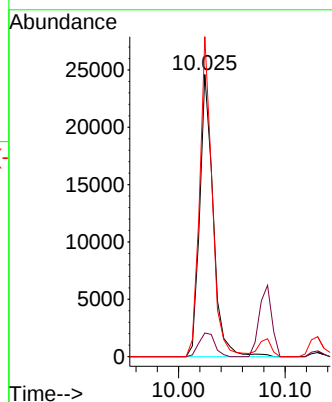
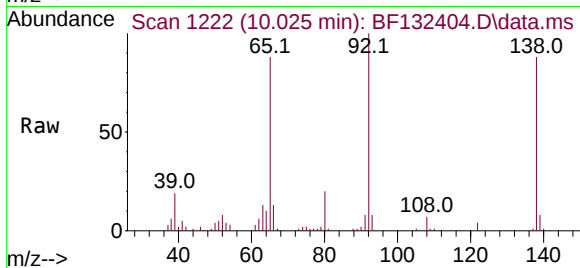
#53
3-Nitroaniline
Concen: 4.354 ng
RT: 10.025 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 2152
Ion Ratio Lower Upper
138 100
108 8.4 7.4 11.2
92 113.4 83.7 125.5

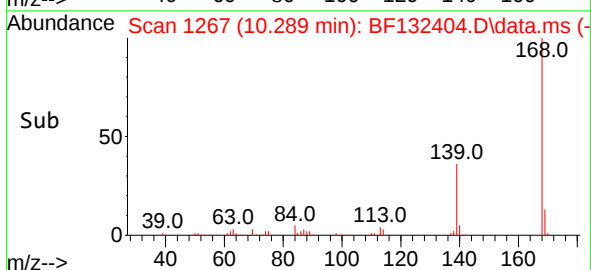
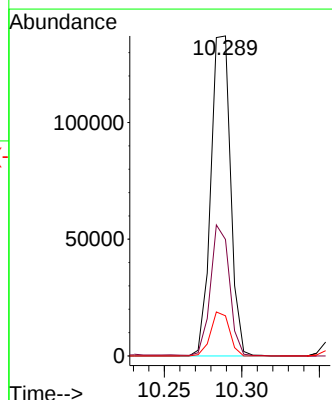
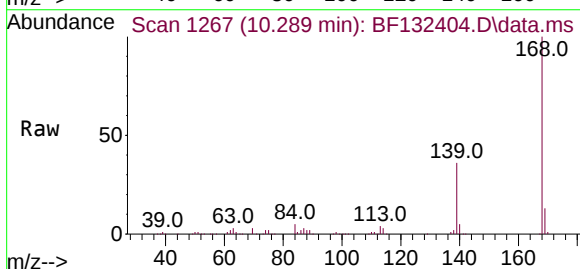
Manual Integrations
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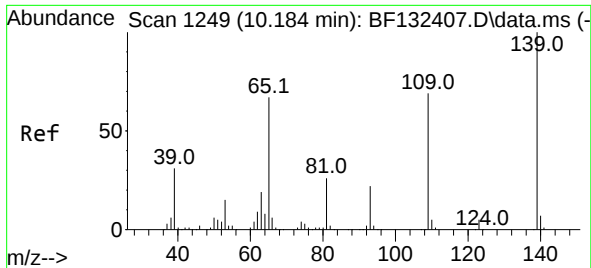
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#55
Dibenzofuran
Concen: 5.522 ng
RT: 10.289 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:168 Resp: 121459
Ion Ratio Lower Upper
168 100
139 36.4 34.6 52.0
169 12.5 11.2 16.8





#56
4-Nitrophenol
Concen: 3.944 ng
RT: 10.184 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

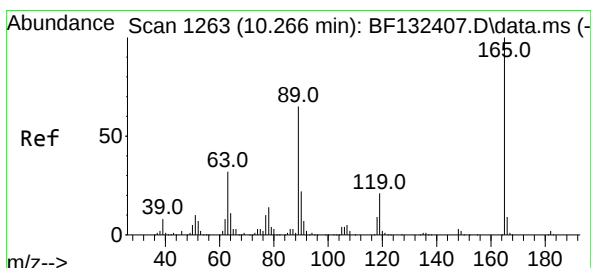
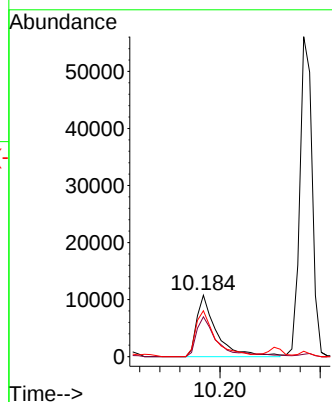
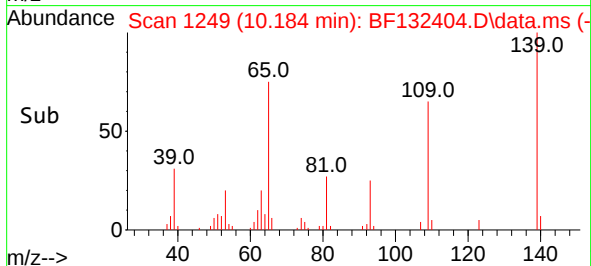
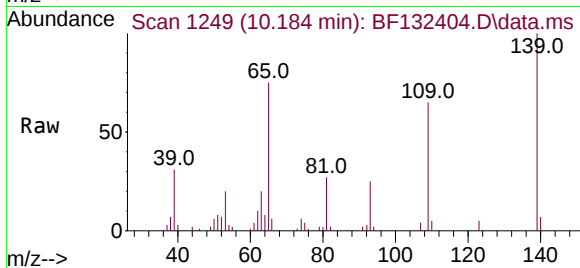
ClientSampleId :

SSTDICC005

Tgt Ion:139 Resp: 1467
Ion Ratio Lower Upper
139 100
109 65.0 49.4 89.4
65 74.9 47.6 87.6

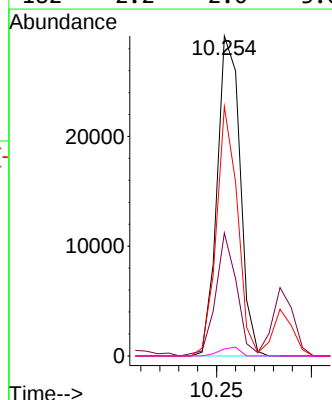
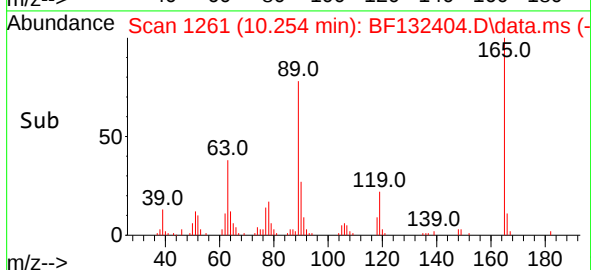
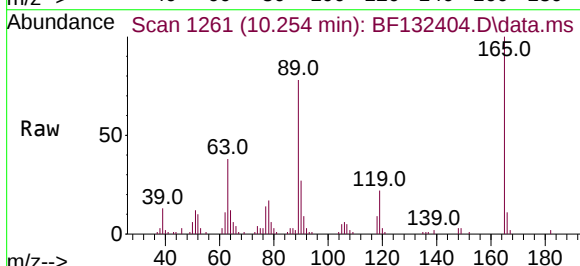
Manual Integrations
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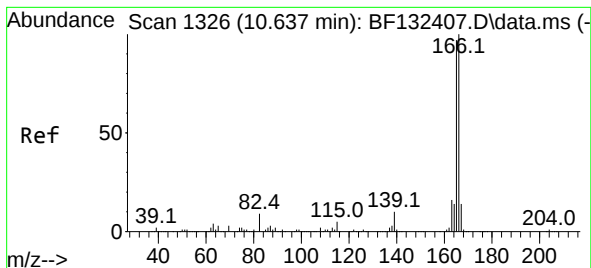
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#57
2,4-Dinitrotoluene
Concen: 4.620 ng
RT: 10.254 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:165 Resp: 24462
Ion Ratio Lower Upper
165 100
63 38.4 25.4 38.2#
89 77.9 52.2 78.2
182 2.2 2.0 3.0





#58

Fluorene

Concen: 5.601 ng

RT: 10.631 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

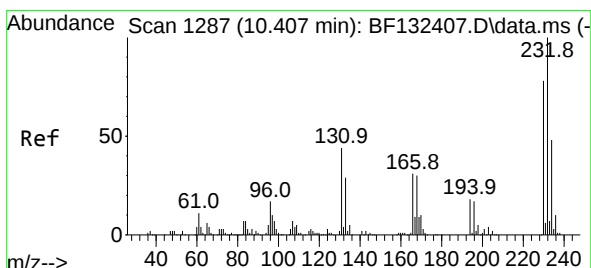
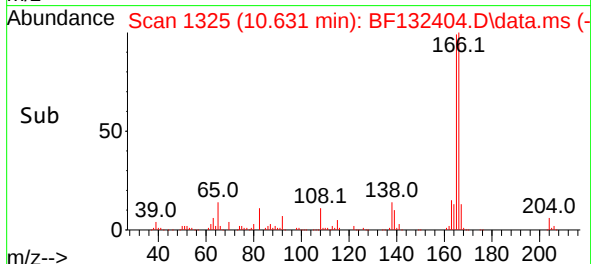
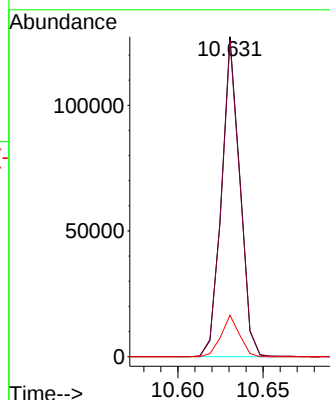
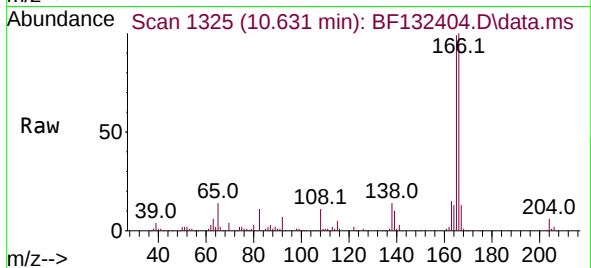
SSTDICC005

Tgt Ion:166 Resp: 94805
 Ion Ratio Lower Upper
 166 100
 165 98.8 77.5 116.3
 167 12.9 10.9 16.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 5.232 ng

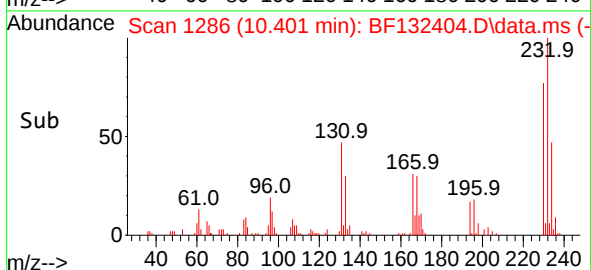
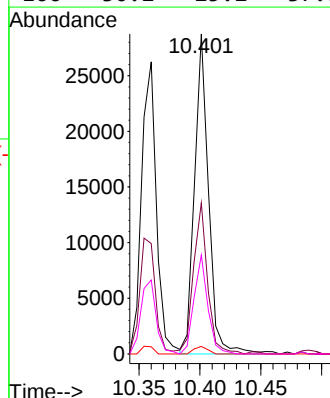
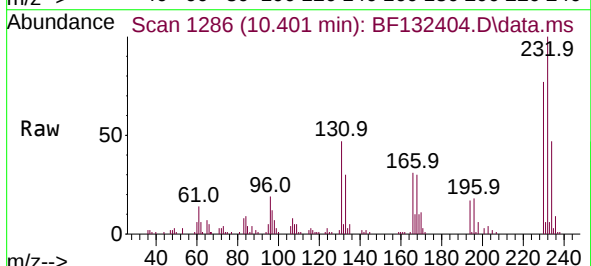
RT: 10.401 min Scan# 1286

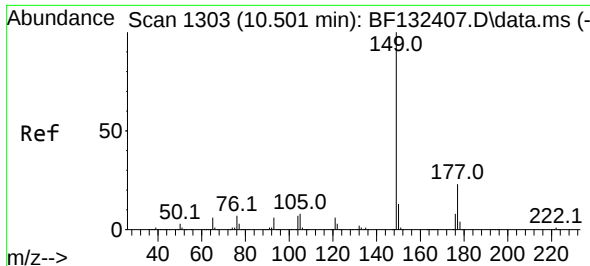
Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion:232 Resp: 23039
 Ion Ratio Lower Upper
 232 100
 131 47.4 37.9 56.9
 130 2.2 1.9 2.9
 166 30.2 25.2 37.8





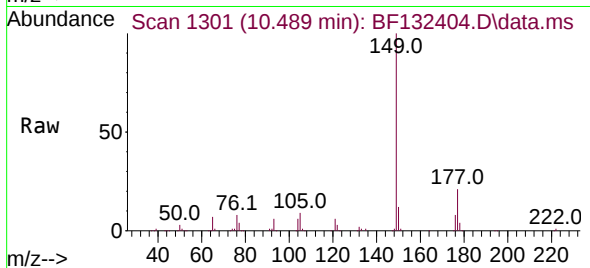
#60
Diethylphthalate
Concen: 5.521 ng
RT: 10.489 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

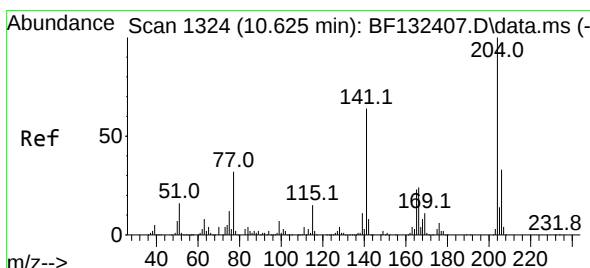
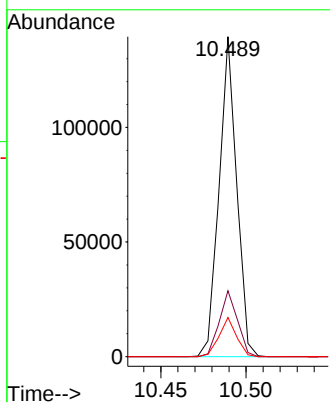
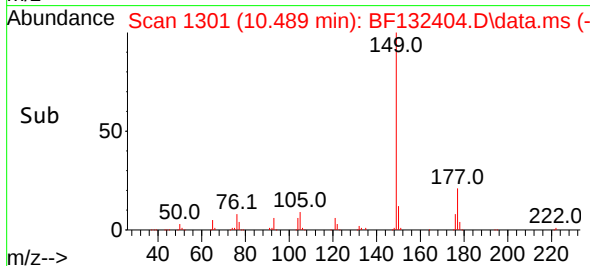


Tgt Ion:149 Resp: 100233
Ion Ratio Lower Upper
149 100
177 20.6 18.1 27.1
150 12.2 10.1 15.1

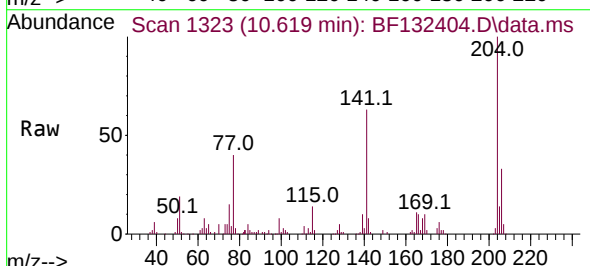
Manual Integrations

APPROVED

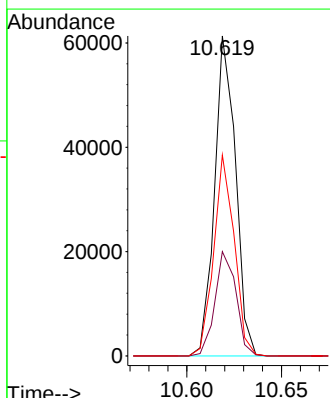
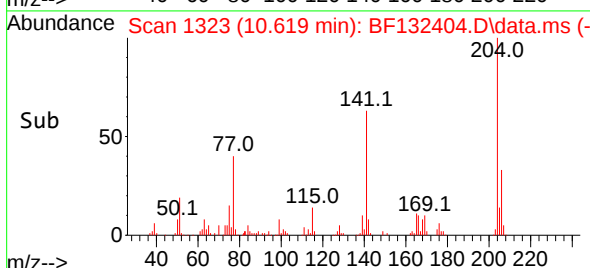
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

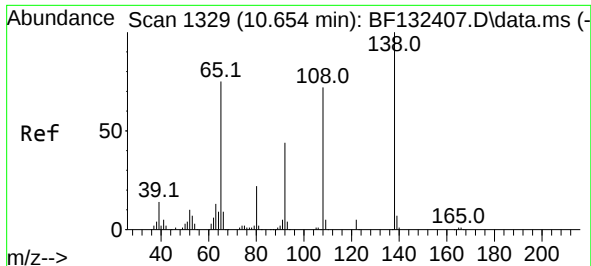


#61
4-Chlorophenyl-phenylether
Concen: 5.885 ng
RT: 10.619 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:204 Resp: 47274
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.8 50.9 76.3





#62
4-Nitroaniline
Concen: 4.483 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.018 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

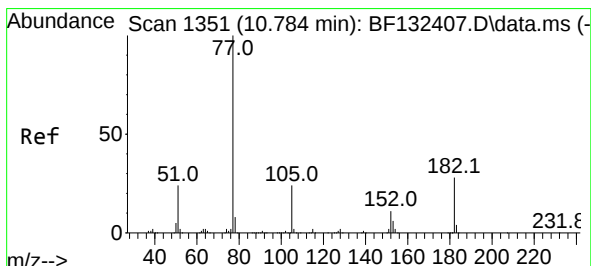
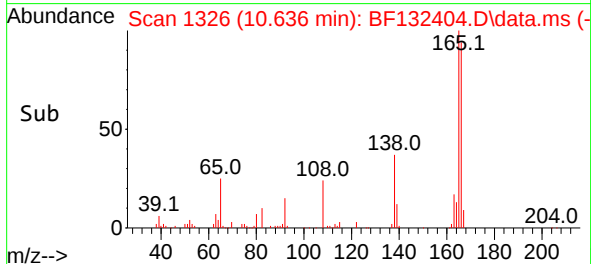
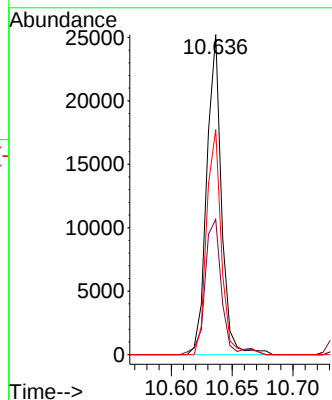
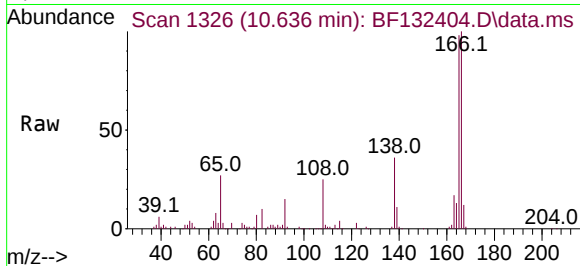
SSTDICC005

Tgt Ion:138 Resp: 21250
Ion Ratio Lower Upper
138 100
92 42.3 24.3 64.3
108 70.3 52.4 92.4

Manual Integrations

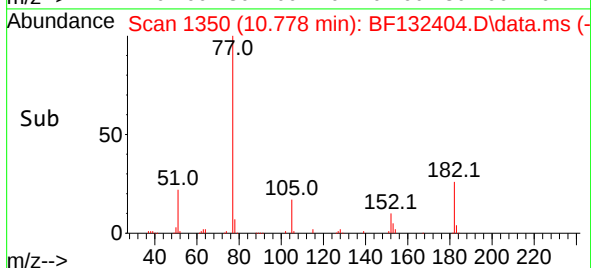
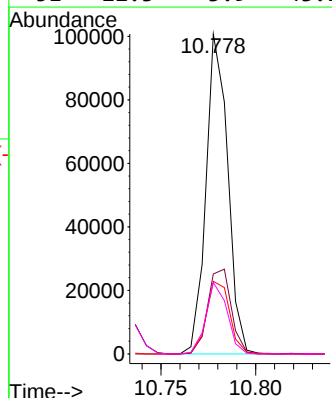
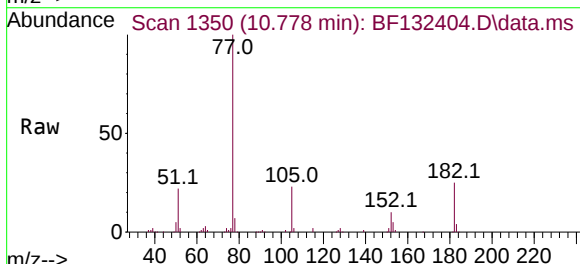
APPROVED

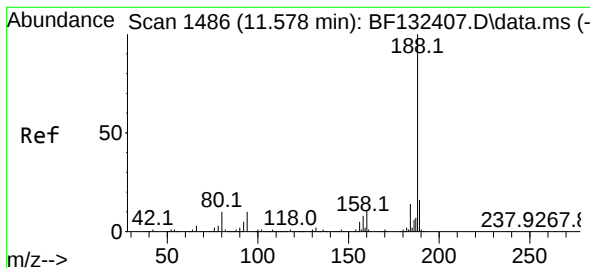
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#63
Azobenzene
Concen: 4.557 ng
RT: 10.778 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 77 Resp: 80595
Ion Ratio Lower Upper
77 100
182 25.0 8.3 48.3
105 22.7 3.9 43.9
51 22.3 3.9 43.9





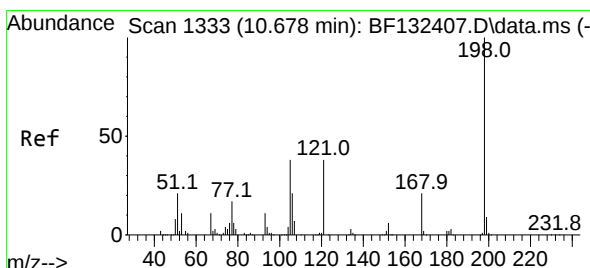
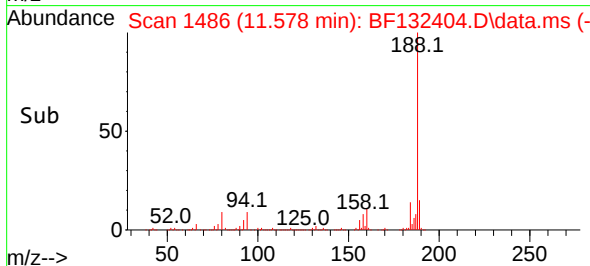
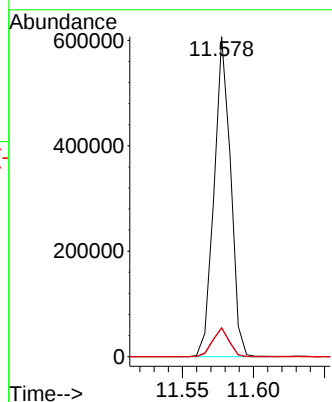
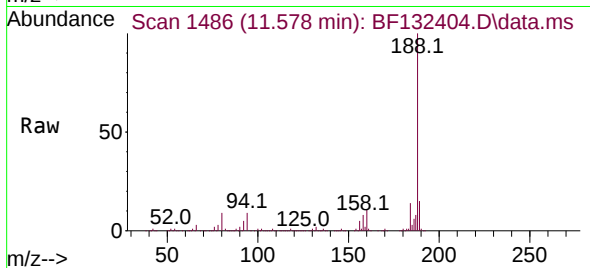
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.578 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 490629
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 8.9 7.6 11.4

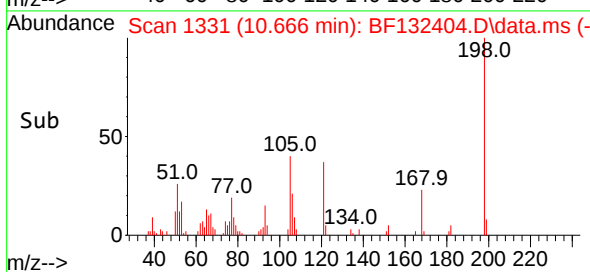
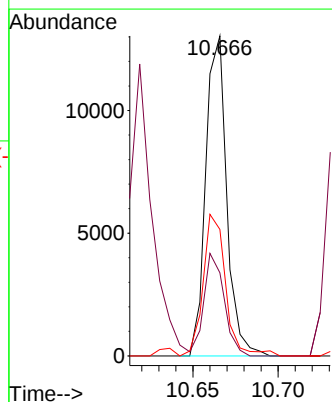
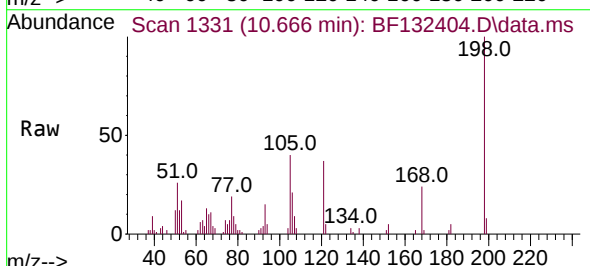
Manual Integrations
APPROVED

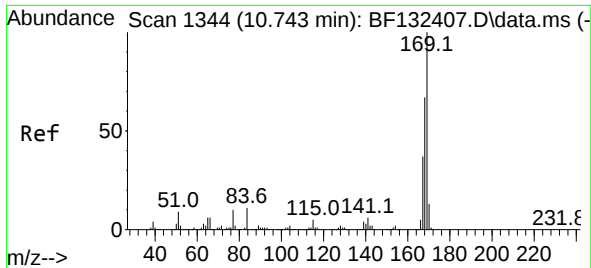
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 4.011 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:198 Resp: 11169
Ion Ratio Lower Upper
198 100
51 26.0 4.6 44.6
105 39.5 19.3 59.3





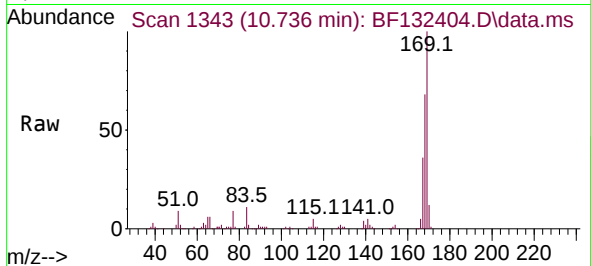
#66
n-Nitrosodiphenylamine
Concen: 5.382 ng
RT: 10.736 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

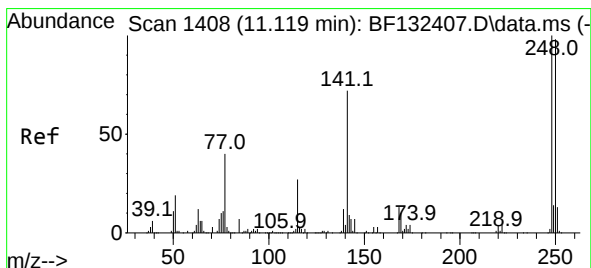
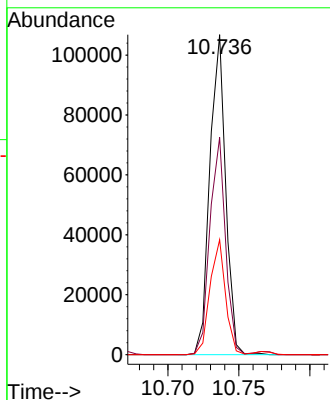
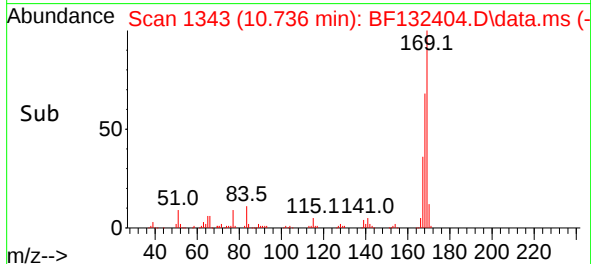


Tgt Ion:169 Resp: 82678
Ion Ratio Lower Upper
169 100
168 67.9 53.5 80.3
167 35.9 29.2 43.8

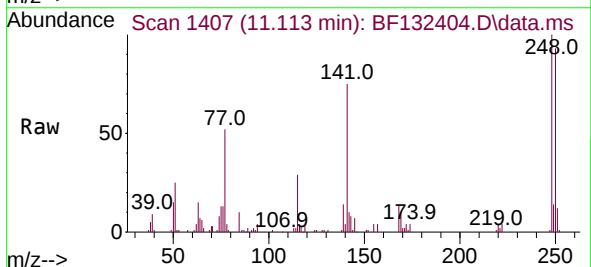
Manual Integrations

APPROVED

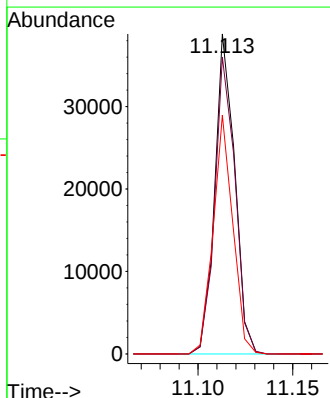
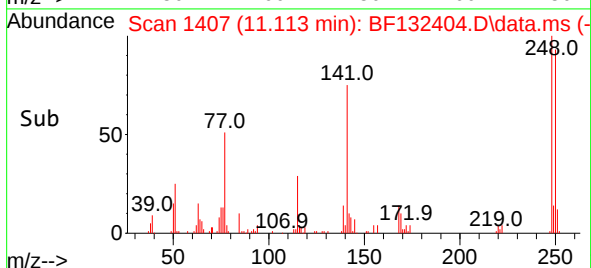
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

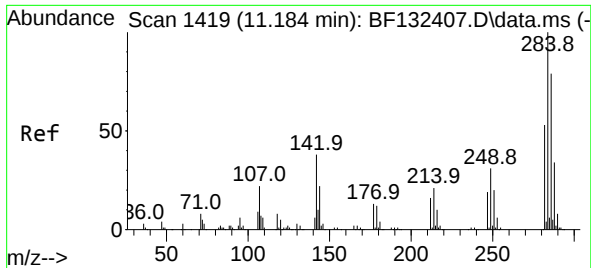


#67
4-Bromophenyl-phenylether
Concen: 5.638 ng
RT: 11.113 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:248 Resp: 28323
Ion Ratio Lower Upper
248 100
250 92.8 78.1 117.1
141 74.6 57.9 86.9





#68
Hexachlorobenzene
Concen: 5.802 ng
RT: 11.183 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

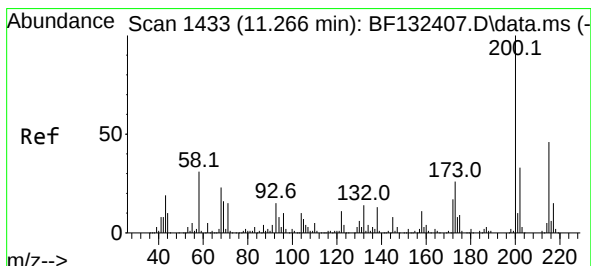
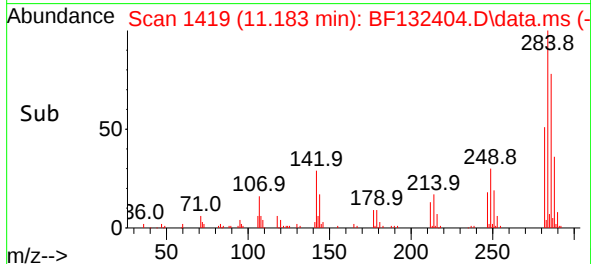
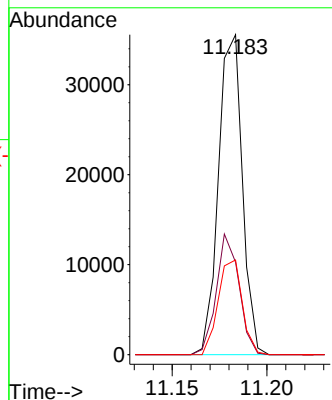
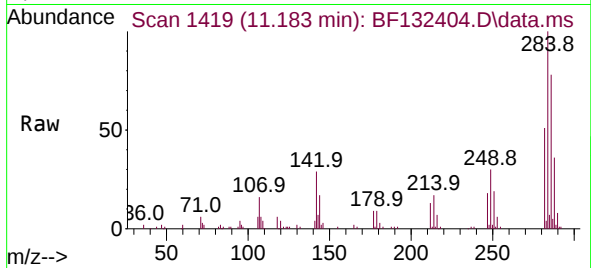
SSTDICC005

Tgt Ion:284 Resp: 31156
Ion Ratio Lower Upper
284 100
142 28.9 30.1 45.1
249 29.6 25.0 37.4

Manual Integrations

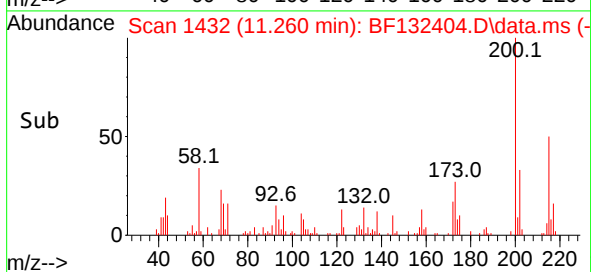
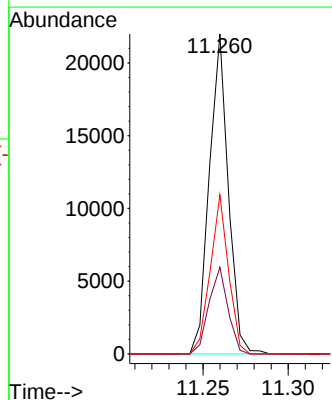
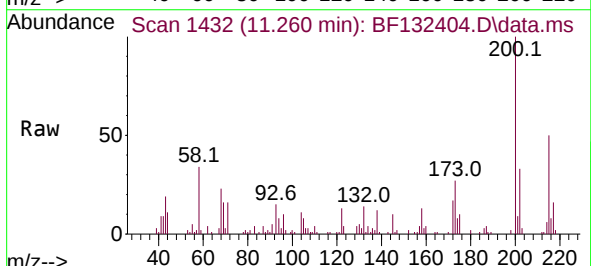
APPROVED

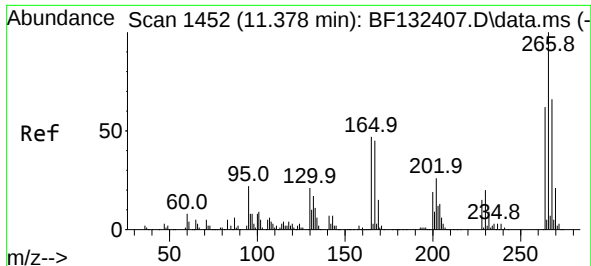
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#69
Atrazine
Concen: 3.857 ng
RT: 11.260 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

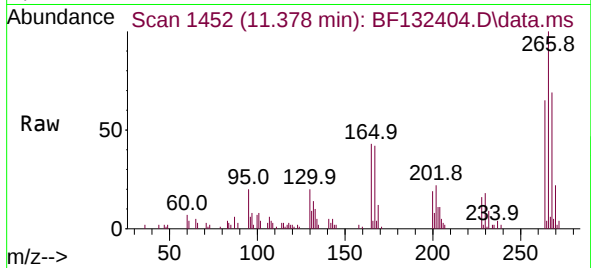
Tgt Ion:200 Resp: 17043
Ion Ratio Lower Upper
200 100
173 27.1 6.3 46.3
215 49.7 26.1 66.1





#70
Pentachlorophenol
Concen: 3.707 ng m
RT: 11.378 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

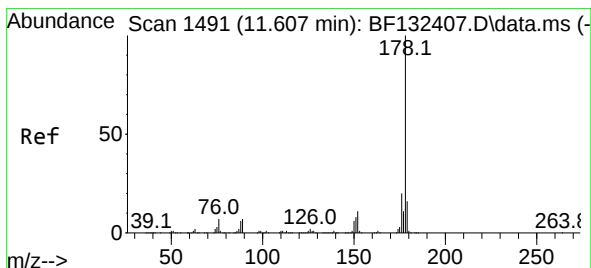
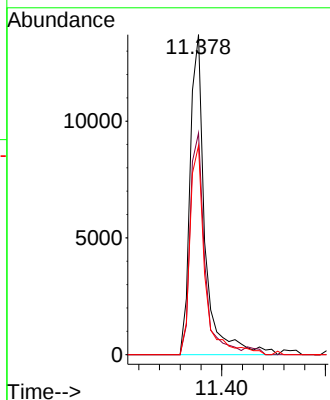
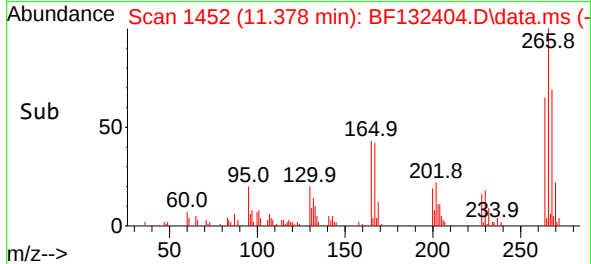
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



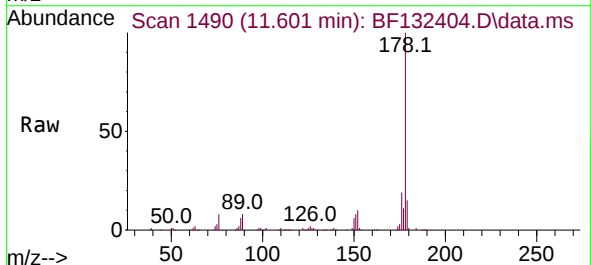
Tgt Ion:266 Resp: 13676
Ion Ratio Lower Upper
266 100
268 69.2 53.0 79.4
264 65.3 49.6 74.4

Manual Integrations
APPROVED

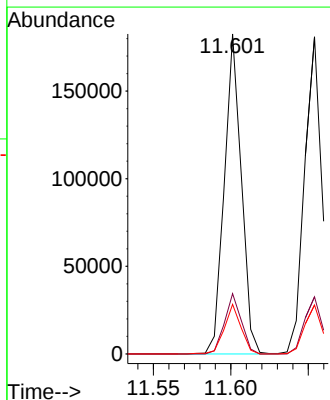
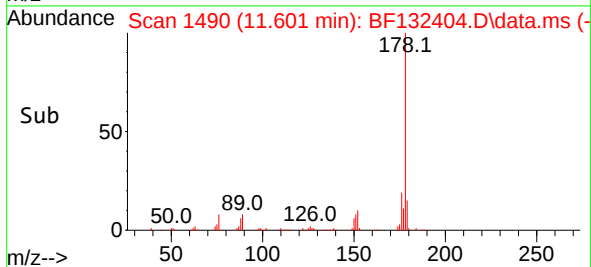
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

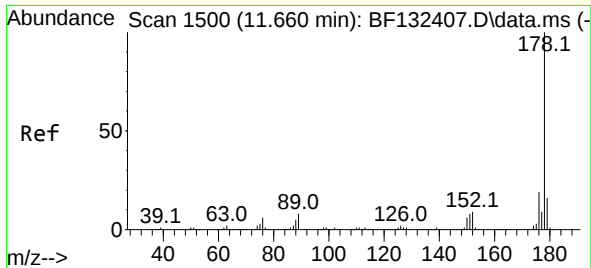


#71
Phenanthrene
Concen: 5.472 ng
RT: 11.601 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



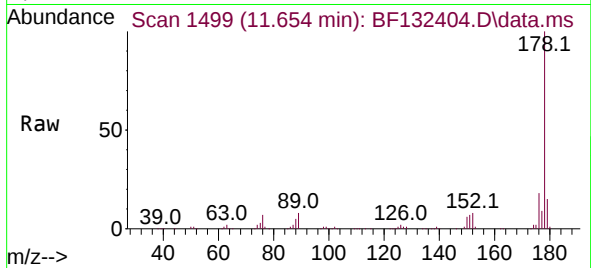
Tgt Ion:178 Resp: 140300
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.5 12.6 19.0





#72
 Anthracene
 Concen: 5.467 ng
 RT: 11.654 min Scan# 1499
 Delta R.T. -0.006 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

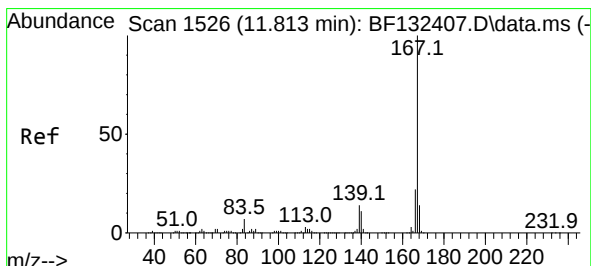
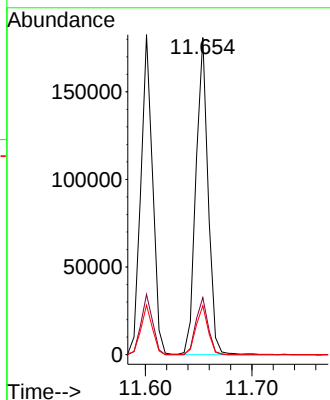
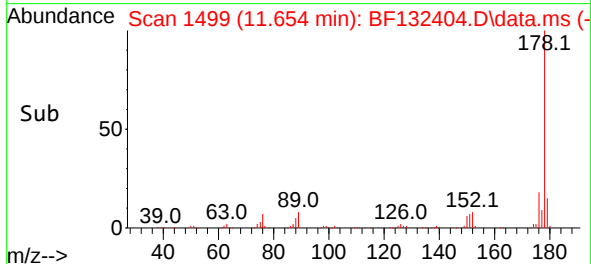
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005



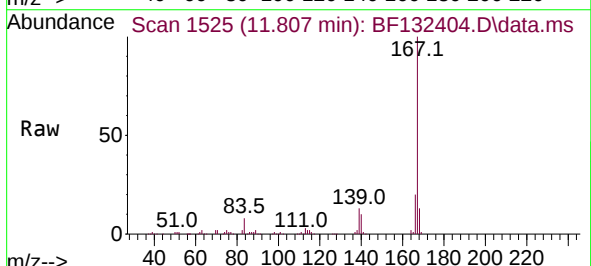
Tgt Ion:178 Resp: 142636
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.0
 179 15.4 12.6 19.0

Manual Integrations
 APPROVED

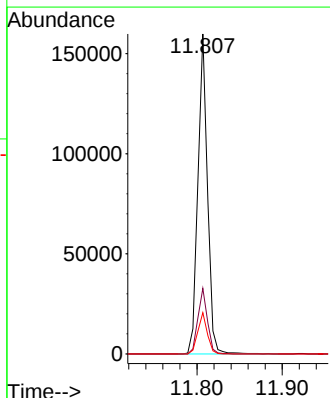
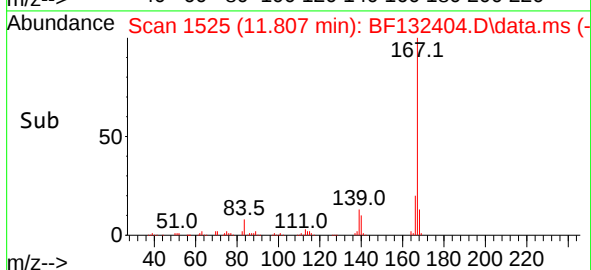
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

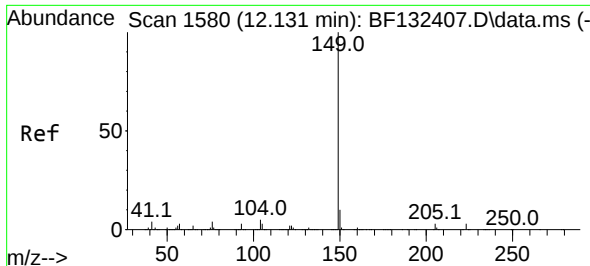


#73
 Carbazole
 Concen: 5.306 ng
 RT: 11.807 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49



Tgt Ion:167 Resp: 124123
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.5 26.3
 139 12.9 11.3 16.9





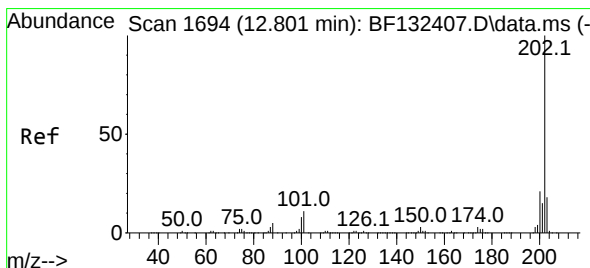
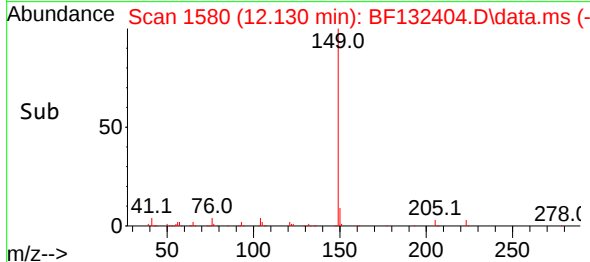
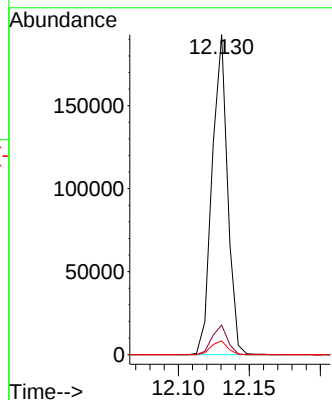
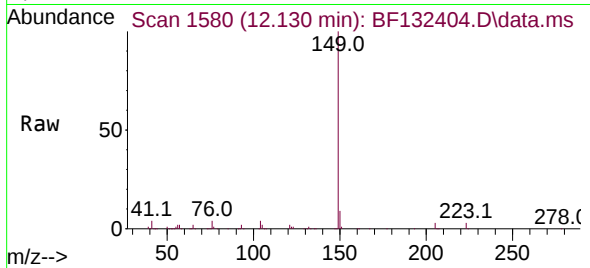
#74
Di-n-butylphthalate
Concen: 5.286 ng
RT: 12.130 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 146200
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.8
104 4.3 4.2 6.2

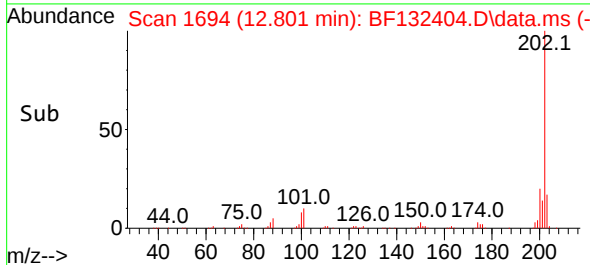
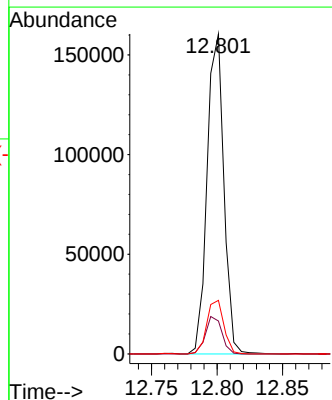
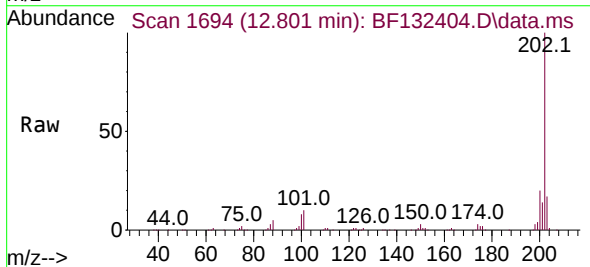
Manual Integrations
APPROVED

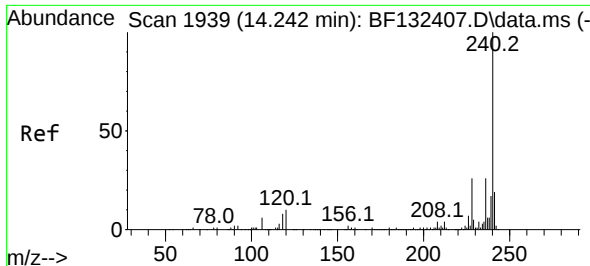
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#75
Fluoranthene
Concen: 5.448 ng
RT: 12.801 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

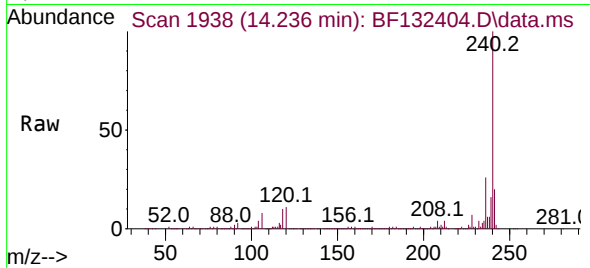
Tgt Ion:202 Resp: 142527
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.0
203 16.7 0.0 37.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.236 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

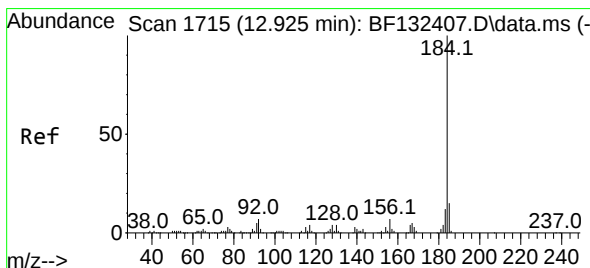
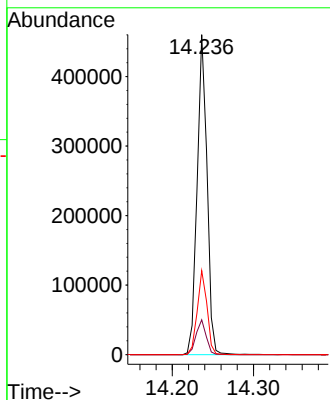
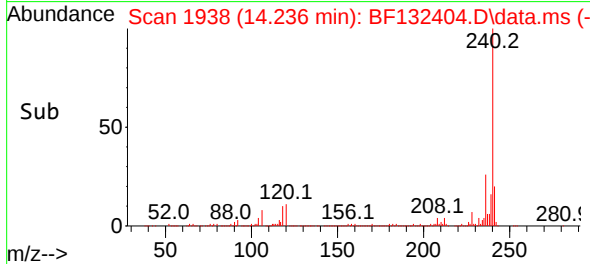
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



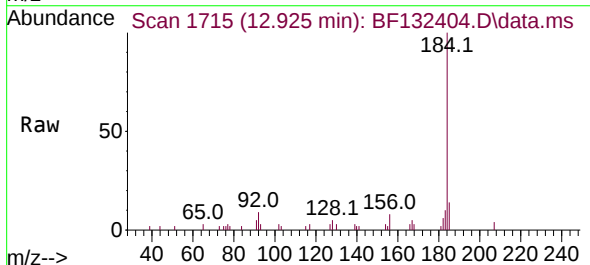
Tgt Ion:240 Resp: 388610
Ion Ratio Lower Upper
240 100
120 10.9 7.7 11.5
236 26.2 21.1 31.7

Manual Integrations
APPROVED

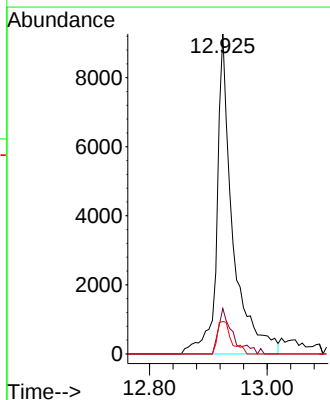
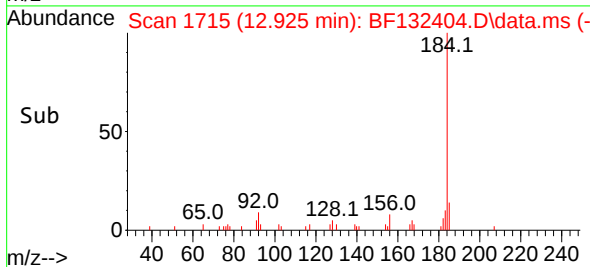
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

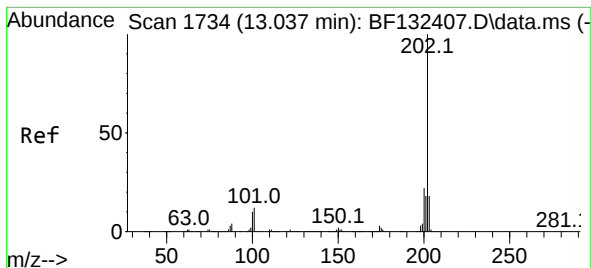


#77
Benzidine
Concen: 1.271 ng
RT: 12.925 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:184 Resp: 17264
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 10.1 9.3 13.9





#78

Pyrene

Concen: 4.750 ng

RT: 13.030 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

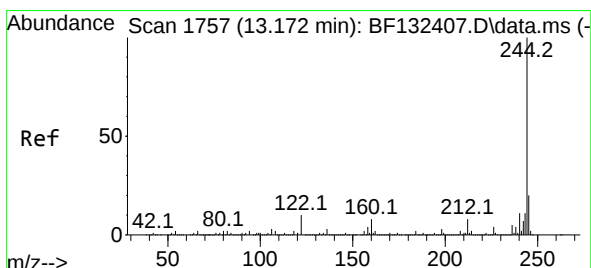
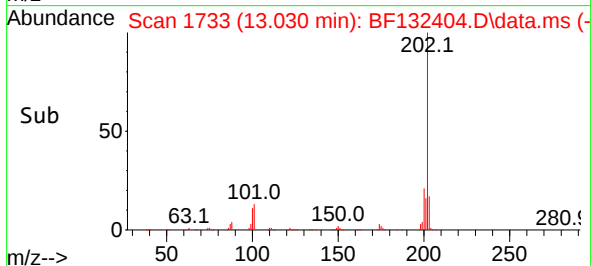
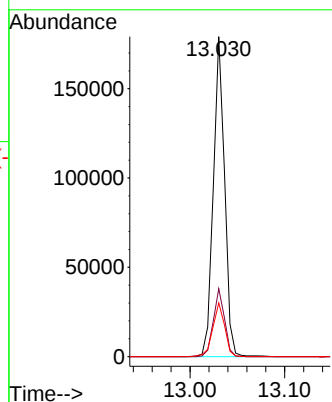
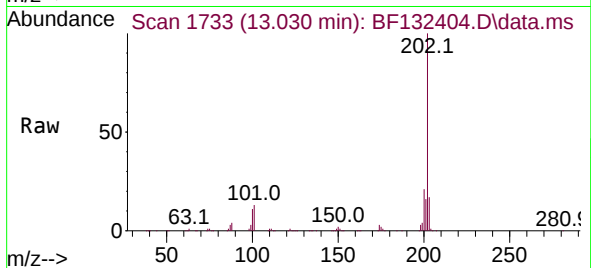
SSTDICC005

Tgt Ion:202 Resp: 148475
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.0
 203 16.8 14.1 21.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#79

Terphenyl-d14

Concen: 11.059 ng

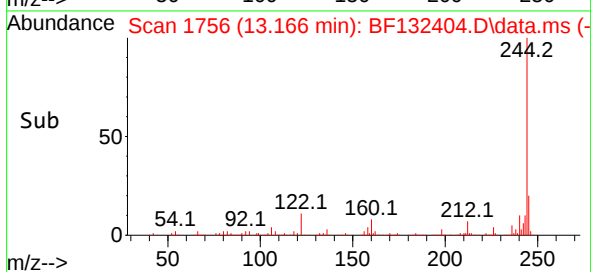
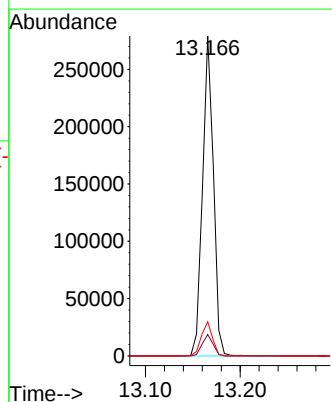
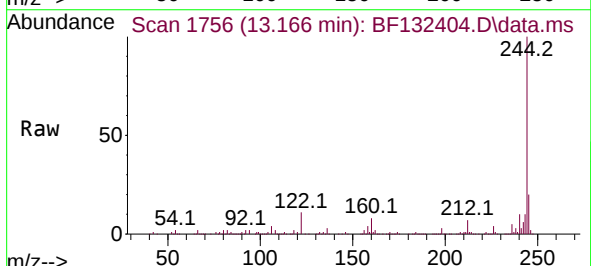
RT: 13.166 min Scan# 1756

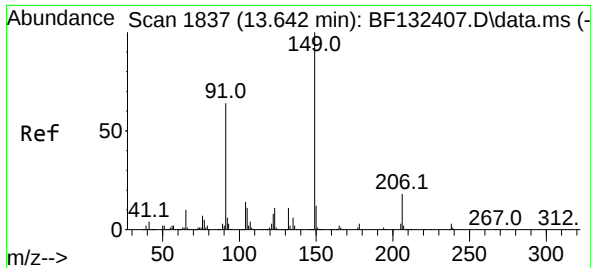
Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion:244 Resp: 222161
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.3 9.5
 122 10.7 8.2 12.4





#80
Butylbenzylphthalate
Concen: 3.926 ng
RT: 13.642 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

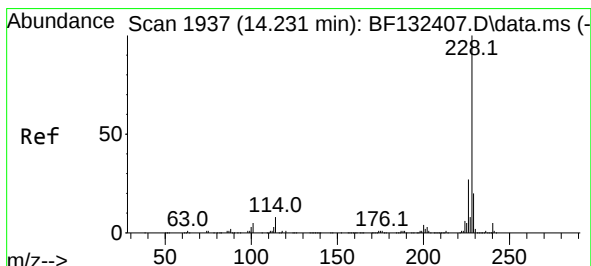
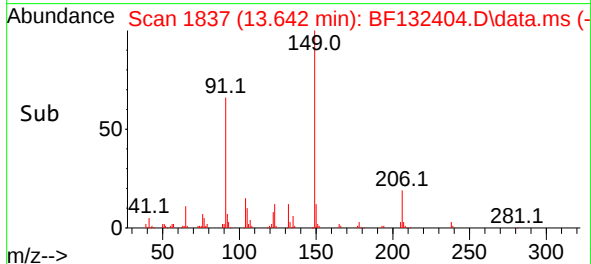
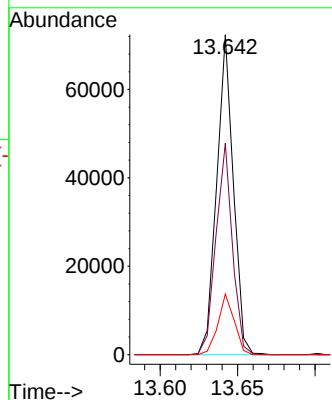
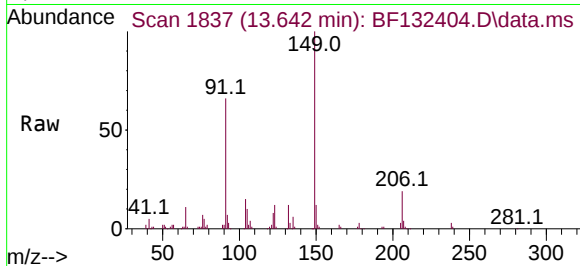
SSTDICC005

Tgt Ion:149 Resp: 54216
Ion Ratio Lower Upper
149 100
91 66.1 51.6 77.4
206 18.9 14.8 22.2

Manual Integrations

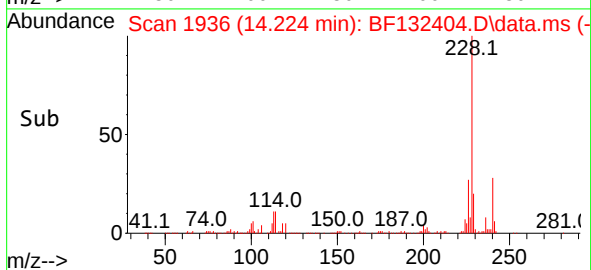
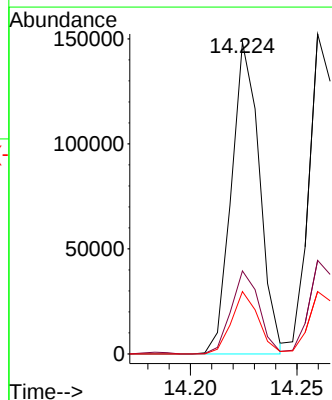
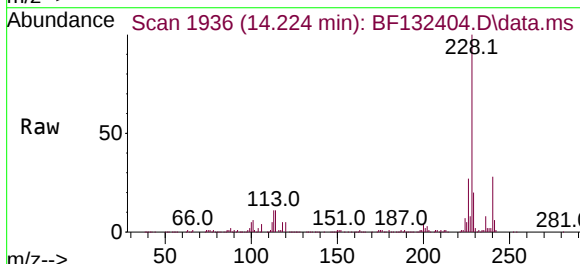
APPROVED

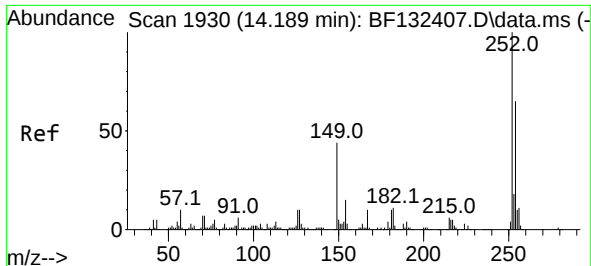
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#81
Benzo(a)anthracene
Concen: 5.002 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:228 Resp: 135953
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.6
229 20.0 15.7 23.5





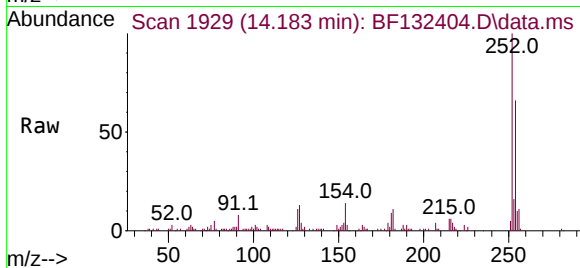
#82
3,3'-Dichlorobenzidine
Concen: 4.417 ng
RT: 14.183 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

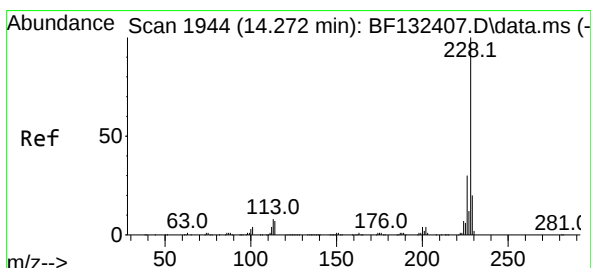
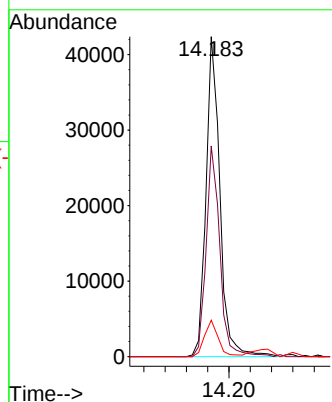
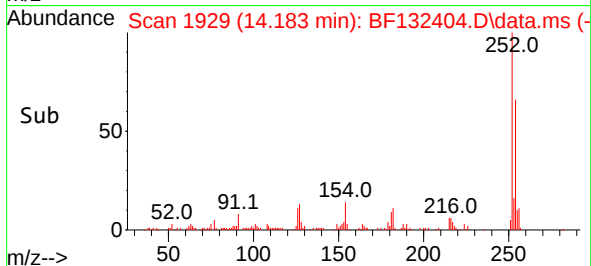


Tgt Ion:252 Resp: 3824
Ion Ratio Lower Upper
252 100
254 65.8 51.8 77.6
126 11.4 8.1 12.1

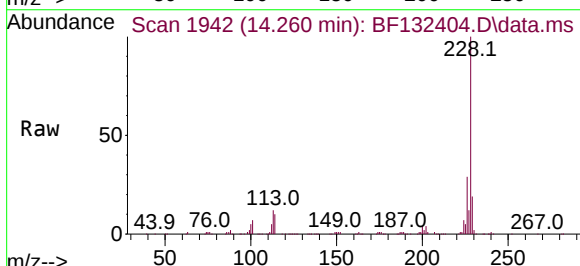
Manual Integrations

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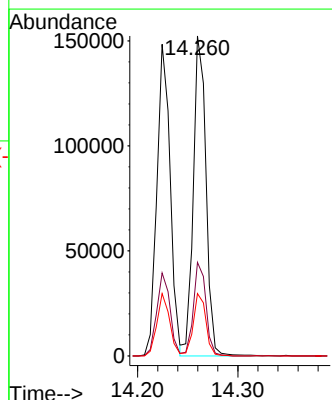
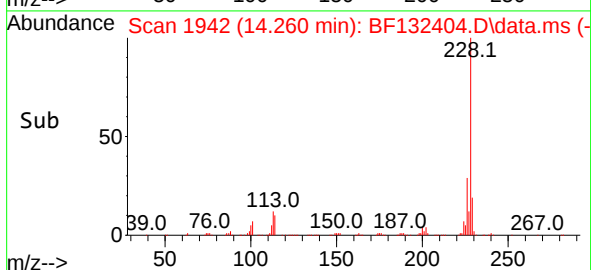
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

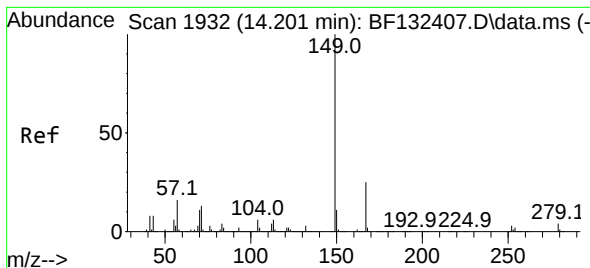


#83
Chrysene
Concen: 5.279 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



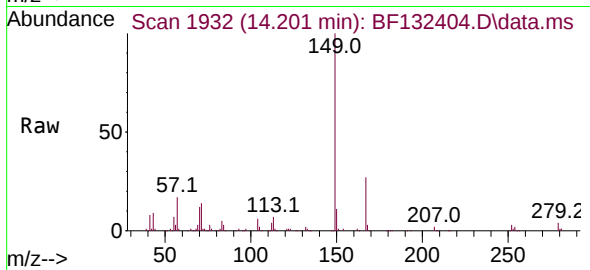
Tgt Ion:228 Resp: 134354
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.4
229 19.5 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.287 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

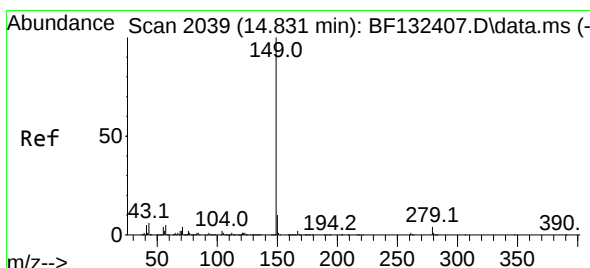
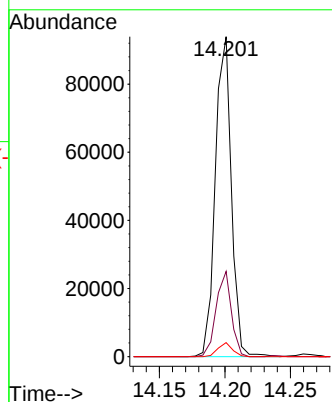
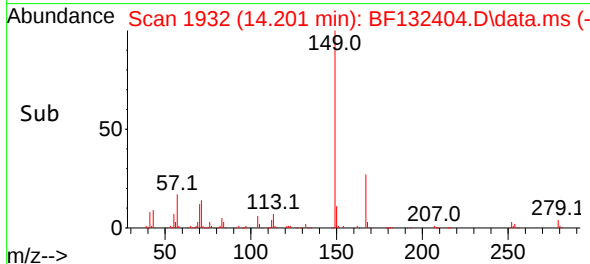
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



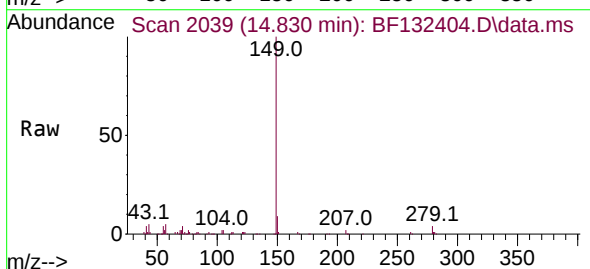
Tgt Ion:149 Resp: 80017
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.4
279 4.4 3.3 4.9

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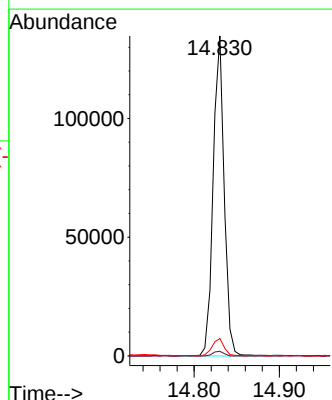
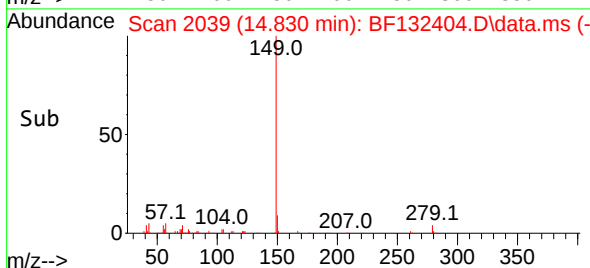
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

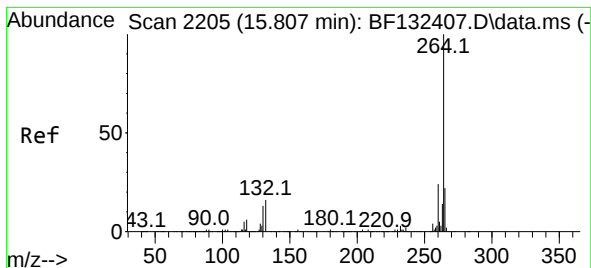


#85
Di-n-octyl phthalate
Concen: 3.977 ng
RT: 14.830 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:149 Resp: 121087
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 5.9 4.6 6.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:264 Resp: 400068

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

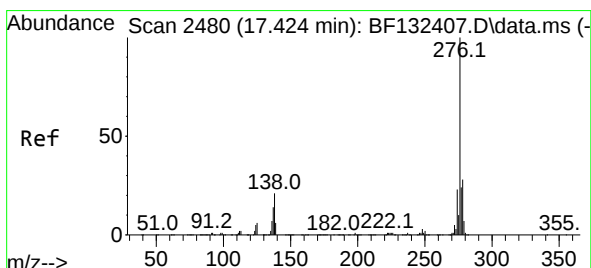
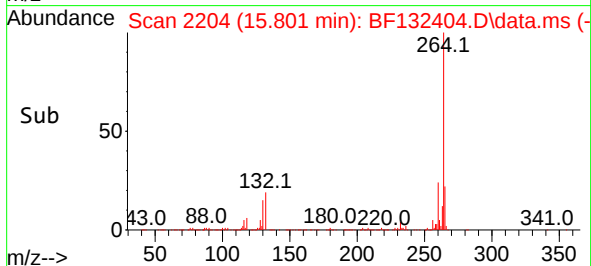
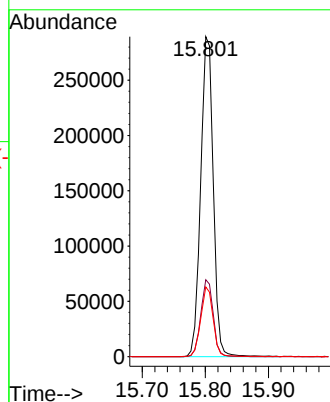
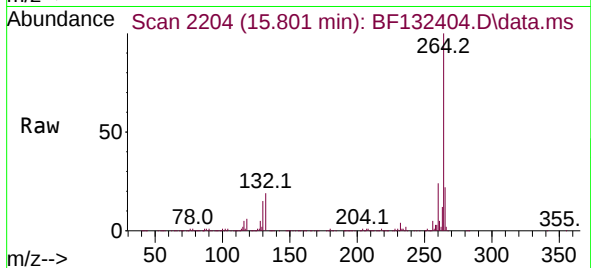
265 21.8 17.7 26.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.713 ng

RT: 17.412 min Scan# 2478

Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

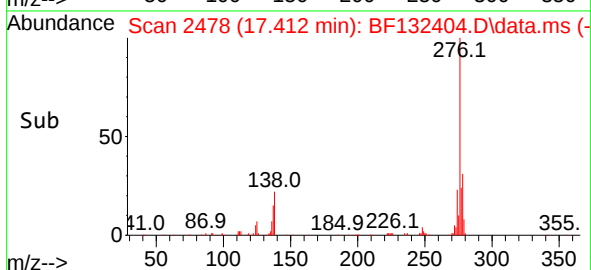
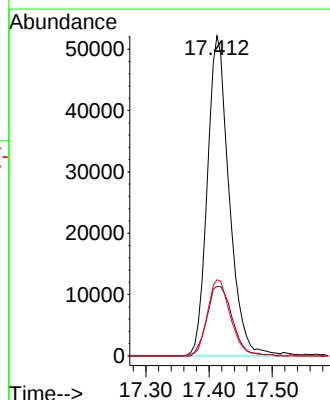
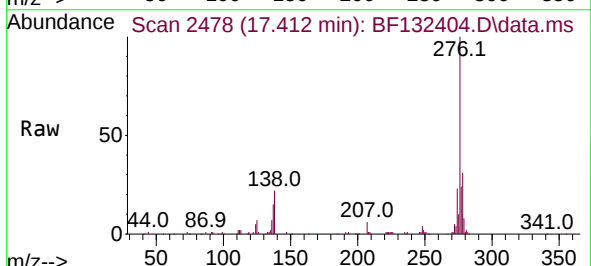
Tgt Ion:276 Resp: 125290

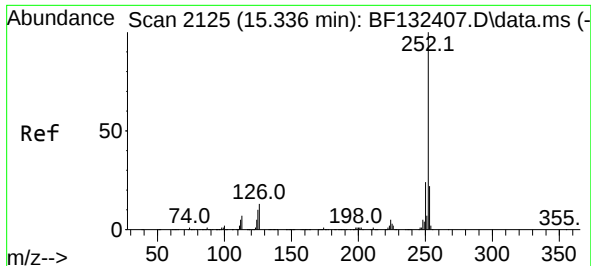
Ion Ratio Lower Upper

276 100

138 25.3 19.1 28.7

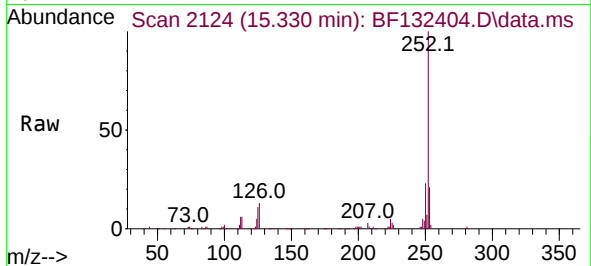
277 25.3 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 4.562 ng
RT: 15.330 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

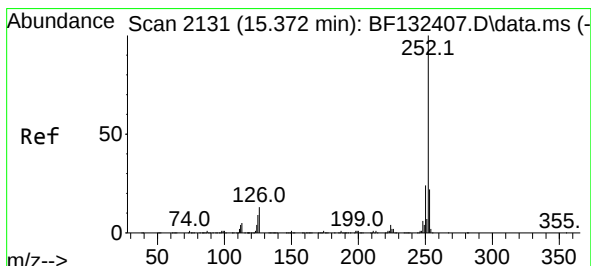
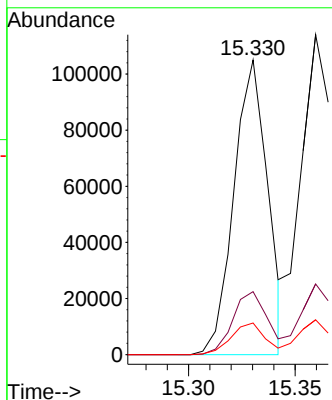
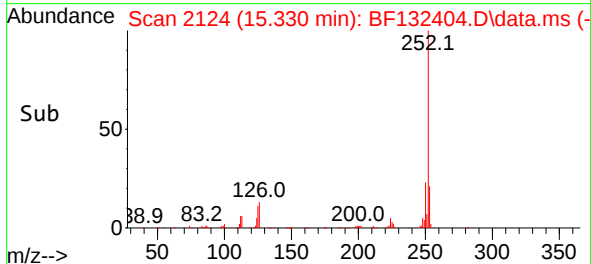
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 116011
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 10.7 8.2 12.4

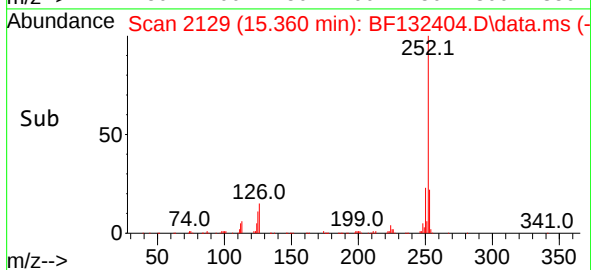
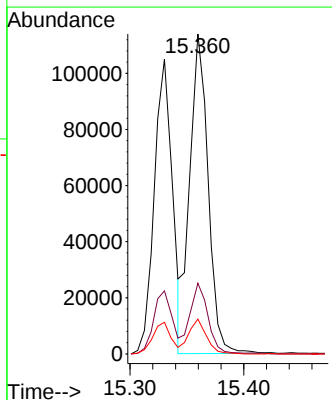
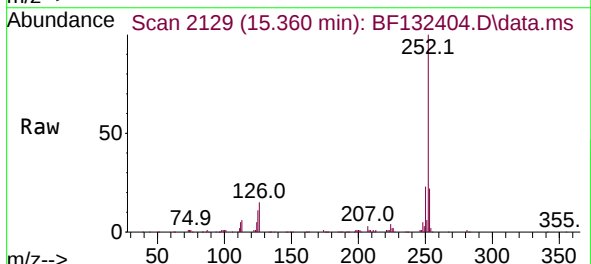
Manual Integrations
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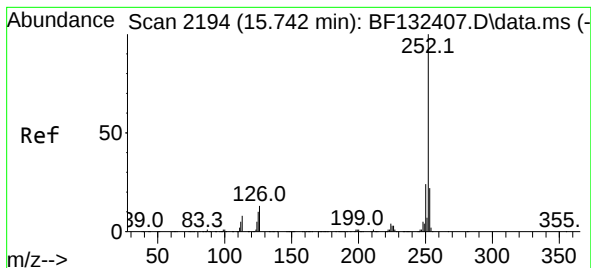
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#89
Benzo(k)fluoranthene
Concen: 5.269 ng
RT: 15.360 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:252 Resp: 127889
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.9 7.4 11.2





#90

Benzo(a)pyrene

Concen: 4.749 ng

RT: 15.730 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 112466

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

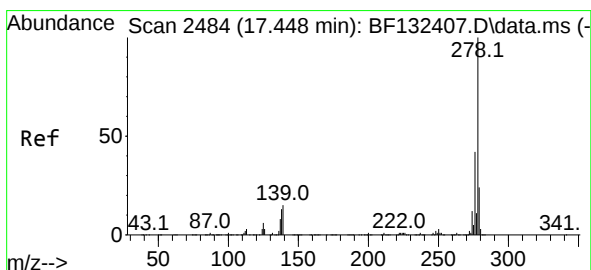
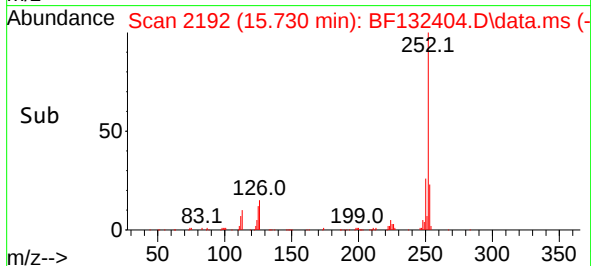
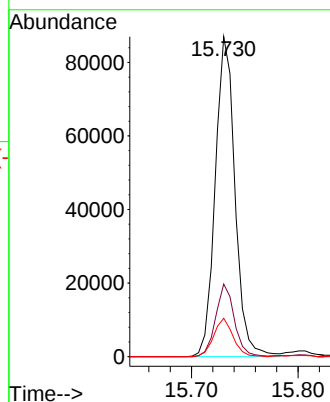
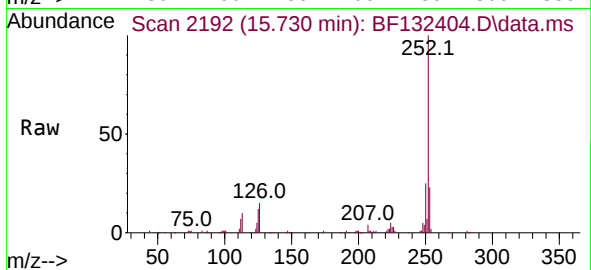
125 12.0 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#91

Dibenzo(a,h)anthracene

Concen: 4.946 ng

RT: 17.430 min Scan# 2481

Delta R.T. -0.018 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

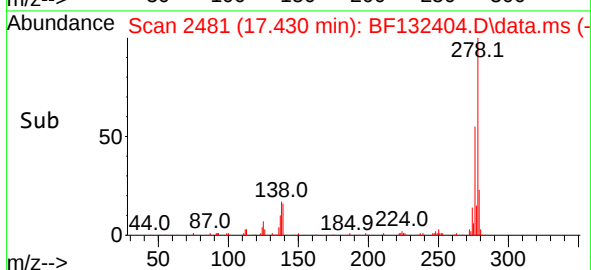
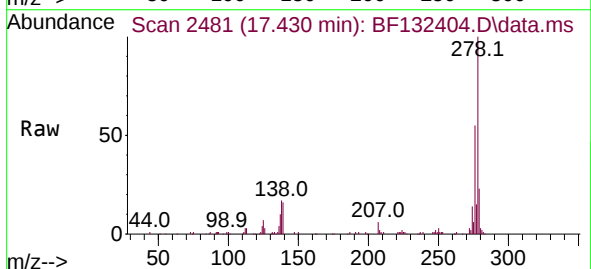
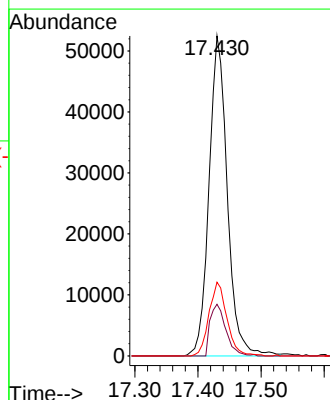
Tgt Ion:278 Resp: 105712

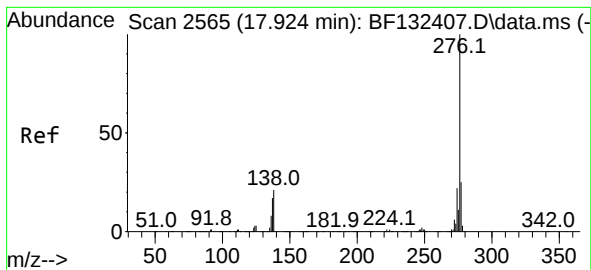
Ion Ratio Lower Upper

278 100

139 16.1 11.8 17.8

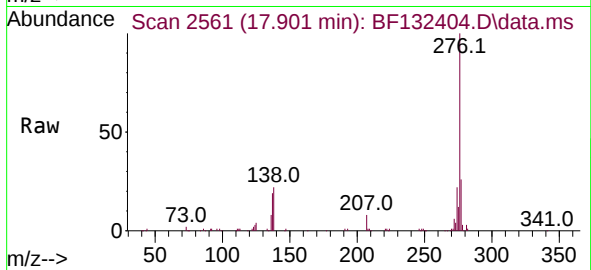
279 23.0 19.4 29.0





#92
 Benzo(g,h,i)perylene
 Concen: 4.635 ng
 RT: 17.901 min Scan# 2561
 Delta R.T. -0.024 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005



Tgt Ion: 276 Resp: 10235
 Ion Ratio Lower Upper
 276 100
 277 25.6 19.6 29.4
 138 22.0 16.6 25.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

