

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133033.D
 Acq On : 25 Apr 2023 18:24
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 26 02:15:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	234873	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	876462	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	456859	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	767191	20.000	ng	0.00
76) Chrysene-d12	13.898	240	514003	20.000	ng	0.00
86) Perylene-d12	15.321	264	471896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1172639	75.419	ng	0.00
7) Phenol-d6	6.387	99	1434252	74.319	ng	0.00
23) Nitrobenzene-d5	7.310	82	1265479	77.934	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	360101	78.375	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2111172	77.310	ng	0.00
79) Terphenyl-d14	12.851	244	2197016	73.718	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.410	88	271516	37.649	ng	98
3) Pyridine	3.110	79	743526	38.817	ng	96
4) n-Nitrosodimethylamine	3.069	42	352843	35.564	ng	96
6) Aniline	6.410	93	931684	37.483	ng	99
8) 2-Chlorophenol	6.528	128	595290	37.709	ng	99
9) Benzaldehyde	6.287	77	369341	42.342	ng	100
10) Phenol	6.398	94	761744	35.780	ng	81
11) bis(2-Chloroethyl)ether	6.481	93	596549	37.340	ng	99
12) 1,3-Dichlorobenzene	6.687	146	633223	37.728	ng	96
13) 1,4-Dichlorobenzene	6.763	146	633980	37.689	ng	97
14) 1,2-Dichlorobenzene	6.916	146	590887	38.102	ng	97
15) Benzyl Alcohol	6.887	79	485981	36.456	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	986914	35.566	ng	97
17) 2-Methylphenol	7.004	107	554656	38.370	ng	98
18) Hexachloroethane	7.257	117	221031	37.795	ng	98
19) n-Nitroso-di-n-propyla...	7.163	70	413053	34.380	ng	98
20) 3+4-Methylphenols	7.157	107	634777	37.288	ng	91
22) Acetophenone	7.157	105	782129	38.523	ng	99
24) Nitrobenzene	7.328	77	643534	39.111	ng	97
25) Isophorone	7.569	82	1178479	38.225	ng	99
26) 2-Nitrophenol	7.645	139	337162	42.483	ng	93
27) 2,4-Dimethylphenol	7.687	122	545927	40.116	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	675516	37.038	ng	99
29) 2,4-Dichlorophenol	7.887	162	477367	38.533	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	498206	38.818	ng	98
31) Naphthalene	8.051	128	1661708	37.921	ng	99
32) Benzoic acid	7.810	122	392610m	46.706	ng	
33) 4-Chloroaniline	8.098	127	707020	39.933	ng	98
34) Hexachlorobutadiene	8.169	225	278080	39.092	ng	100
35) Caprolactam	8.475	113	164828	39.605	ng	94
36) 4-Chloro-3-methylphenol	8.581	107	521308	39.022	ng	99
37) 2-Methylnaphthalene	8.739	142	1148590	38.339	ng	98
38) 1-Methylnaphthalene	8.839	142	1067046	38.073	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	460768	37.511	ng	99
41) Hexachlorocyclopentadiene	8.898	237	286997	40.062	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	327228	38.520	ng	99

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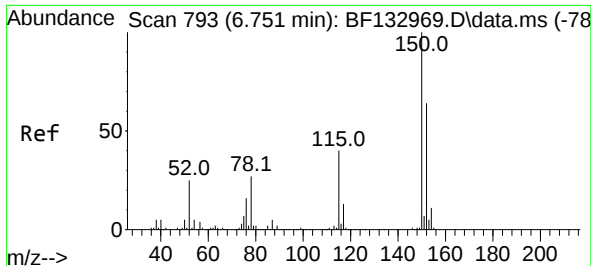
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	381442	38.825	ng	99
46) 1,1'-Biphenyl	9.204	154	1366926	37.732	ng	100
47) 2-Chloronaphthalene	9.228	162	1001088	37.755	ng	99
48) 2-Nitroaniline	9.322	65	333613	38.069	ng	95
49) Acenaphthylene	9.645	152	1603308	37.842	ng	100
50) Dimethylphthalate	9.510	163	1196262	37.552	ng	99
51) 2,6-Dinitrotoluene	9.569	165	279856	39.032	ng	# 83
52) Acenaphthene	9.816	154	1063525	37.480	ng	99
53) 3-Nitroaniline	9.734	138	332945	39.054	ng	95
54) 2,4-Dinitrophenol	9.834	184	154964	42.998	ng	94
55) Dibenzofuran	9.986	168	1420805	36.706	ng	99
56) 4-Nitrophenol	9.892	139	254040	38.474	ng	90
57) 2,4-Dinitrotoluene	9.969	165	361052	39.487	ng	89
58) Fluorene	10.328	166	1042309	36.754	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	294407	38.653	ng	96
60) Diethylphthalate	10.204	149	1139013	37.854	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	515824	37.325	ng	97
62) 4-Nitroaniline	10.351	138	324266	41.384	ng	95
63) Azobenzene	10.481	77	1160623	36.411	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	205782	44.253	ng	82
66) n-Nitrosodiphenylamine	10.439	169	965948	38.815	ng	97
67) 4-Bromophenyl-phenylether	10.810	248	327994	39.419	ng	97
68) Hexachlorobenzene	10.875	284	337921	39.634	ng	98
69) Atrazine	10.969	200	286795	39.996	ng	98
70) Pentachlorophenol	11.069	266	249273	41.052	ng	98
71) Phenanthrene	11.286	178	1571412	38.109	ng	100
72) Anthracene	11.339	178	1612144	38.204	ng	100
73) Carbazole	11.492	167	1434340	38.173	ng	100
74) Di-n-butylphthalate	11.828	149	1747020	41.085	ng	99
75) Fluoranthene	12.475	202	1586050	38.326	ng	97
77) Benzidine	12.592	184	562062	64.664	ng	# 94
78) Pyrene	12.698	202	1628326	36.955	ng	99
80) Butylbenzylphthalate	13.327	149	696022	44.613	ng	99
81) Benzo(a)anthracene	13.886	228	1321747	37.394	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	438810	44.939	ng	98
83) Chrysene	13.927	228	1332760	37.715	ng	99
84) Bis(2-ethylhexyl)phtha...	13.892	149	837694	42.778	ng	99
85) Di-n-octyl phthalate	14.504	149	1517555	47.527	ng	98
87) Indeno(1,2,3-cd)pyrene	16.704	276	1093238	40.728	ng	99
88) Benzo(b)fluoranthene	14.916	252	1134037	37.774	ng	99
89) Benzo(k)fluoranthene	14.945	252	1133550	38.090	ng	99
90) Benzo(a)pyrene	15.263	252	1052335	38.511	ng	100
91) Dibenzo(a,h)anthracene	16.721	278	913978	40.825	ng	99
92) Benzo(g,h,i)perylene	17.121	276	894812	40.485	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

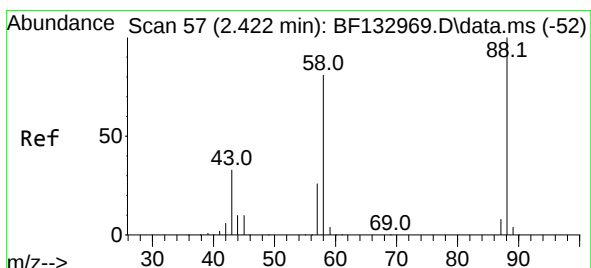
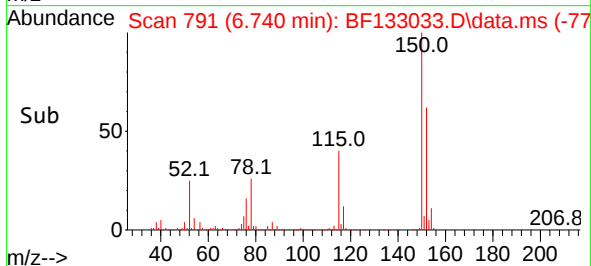
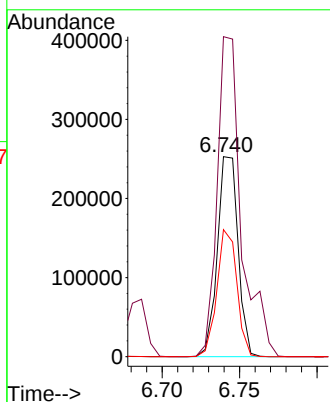
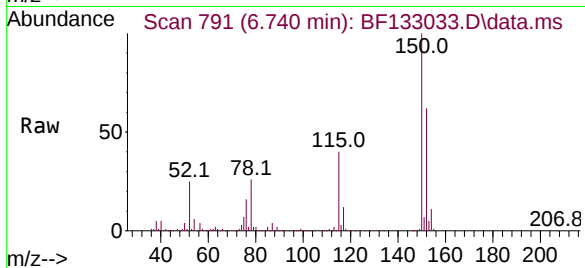
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 23487
Ion Ratio Lower Upper
152 100
150 160.0 124.8 187.2
115 63.6 49.9 74.9

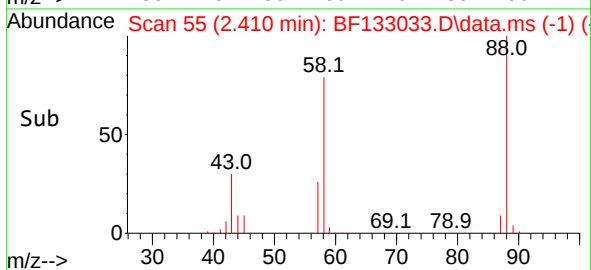
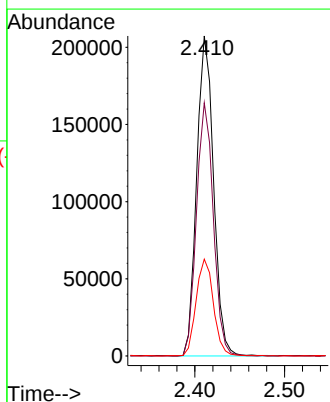
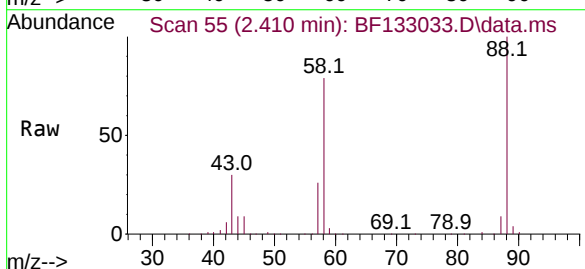
Manual Integrations
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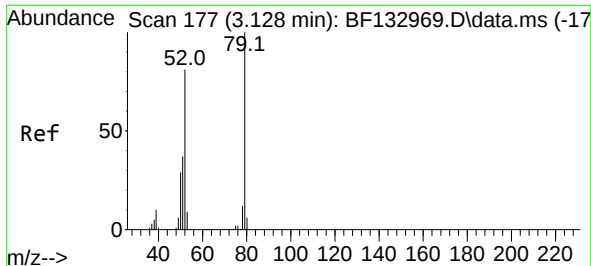
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#2
1,4-Dioxane
Concen: 37.649 ng
RT: 2.410 min Scan# 55
Delta R.T. 0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

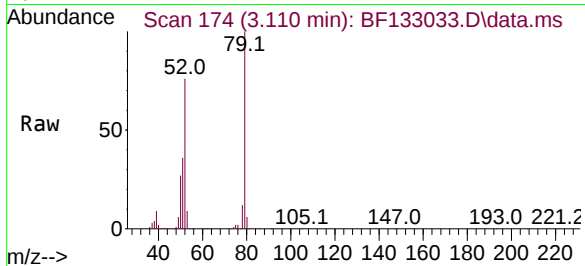
Tgt Ion: 88 Resp: 271516
Ion Ratio Lower Upper
88 100
58 78.9 64.7 97.1
43 31.2 26.2 39.2





#3
Pyridine
Concen: 38.817 ng
RT: 3.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

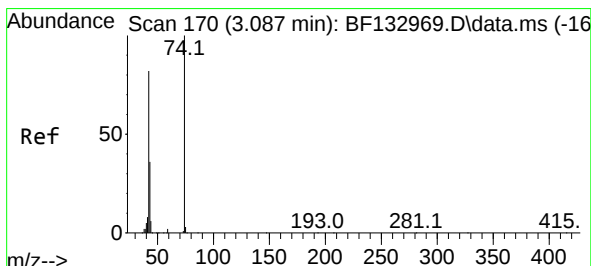
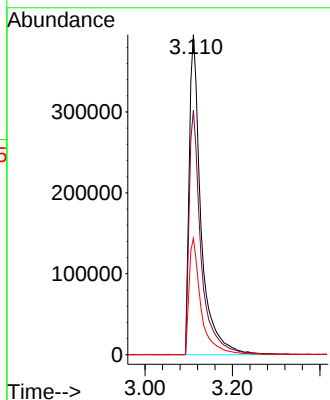
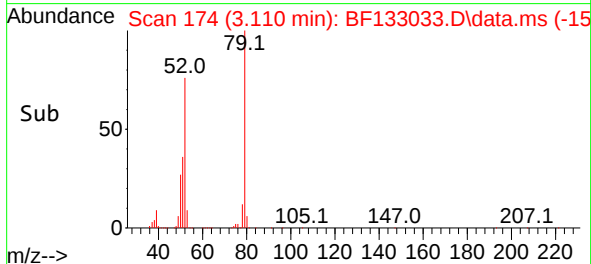
Instrument :
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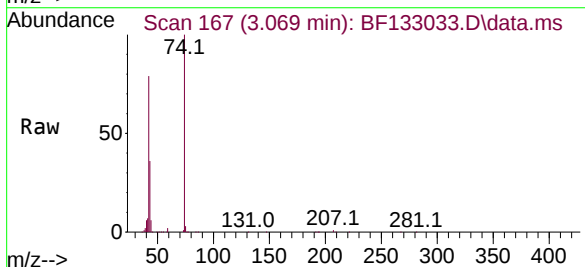
Tgt Ion: 79 Resp: 743520
Ion Ratio Lower Upper
79 100
52 76.4 64.6 96.8
51 36.3 30.0 45.0

Manual Integrations
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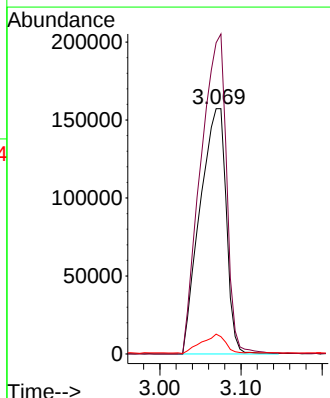
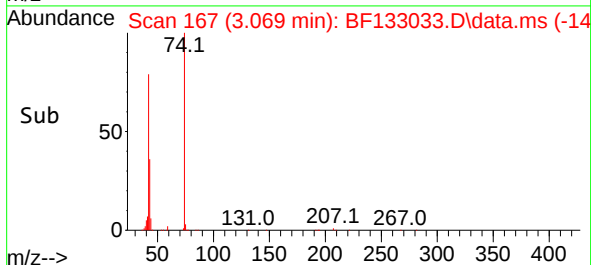
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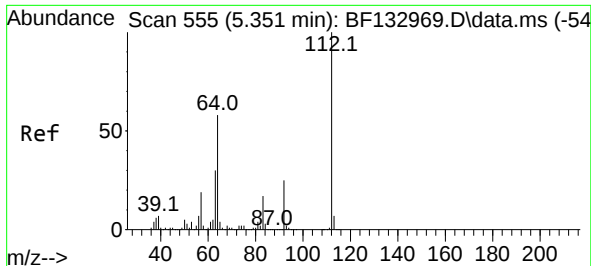


#4
n-Nitrosodimethylamine
Concen: 35.564 ng
RT: 3.069 min Scan# 167
Delta R.T. 0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion: 42 Resp: 352843
Ion Ratio Lower Upper
42 100
74 126.9 98.0 147.0
44 8.1 5.8 8.8





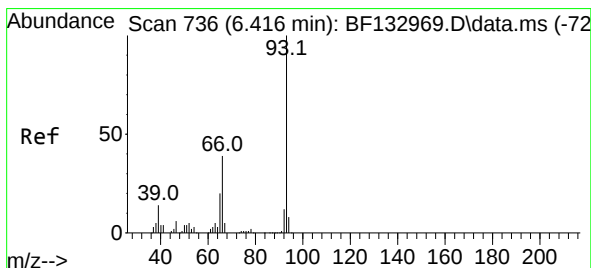
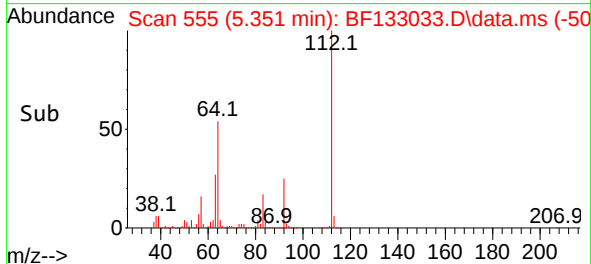
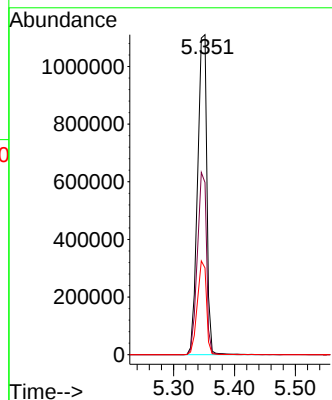
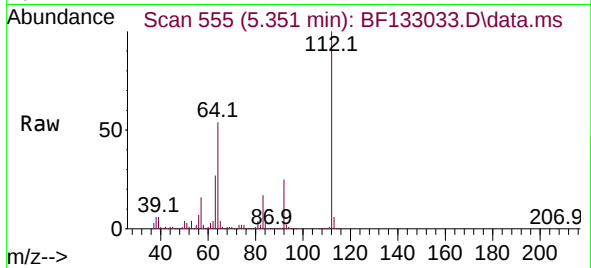
#5
2-Fluorophenol
Concen: 75.419 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

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ClientSampleId :
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Tgt Ion:112 Resp: 1172639
Ion Ratio Lower Upper
112 100
64 53.8 46.8 70.2
63 27.1 23.8 35.8

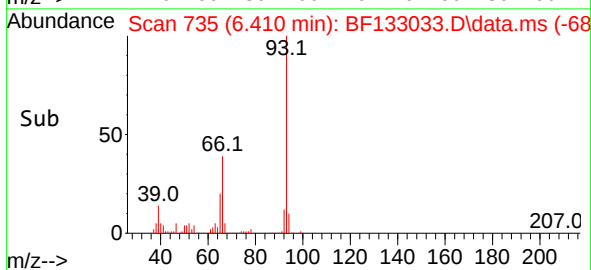
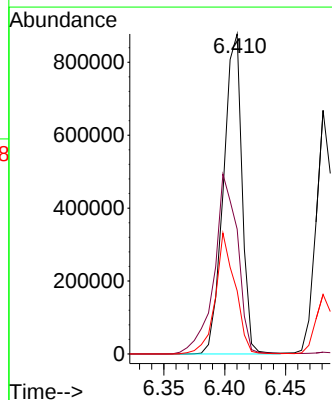
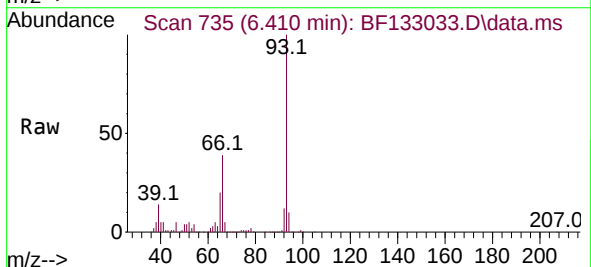
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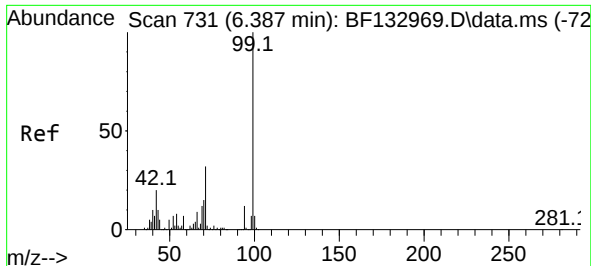
Reviewed By :Christian Giraldo 04/26/2023
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#6
Aniline
Concen: 37.483 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

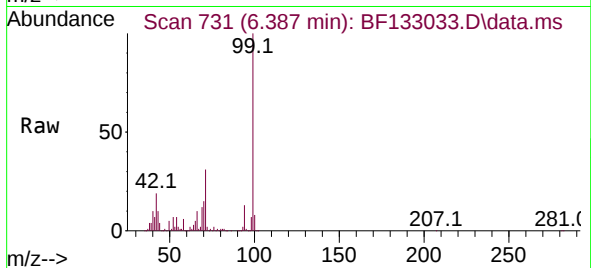
Tgt Ion: 93 Resp: 931684
Ion Ratio Lower Upper
93 100
66 39.0 31.5 47.3
65 19.7 16.4 24.6





#7
Phenol-d6
Concen: 74.319 ng
RT: 6.387 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

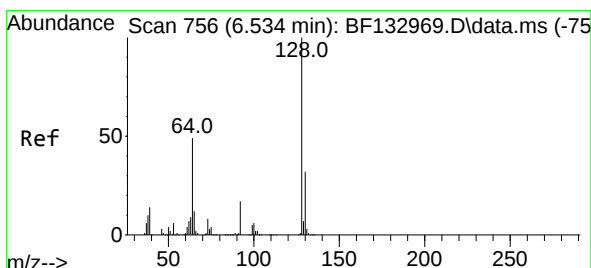
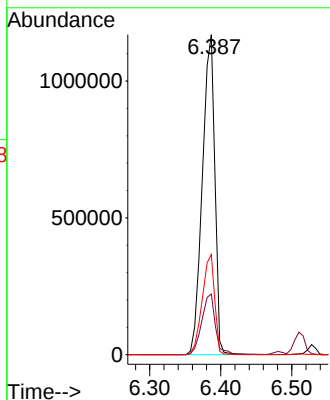
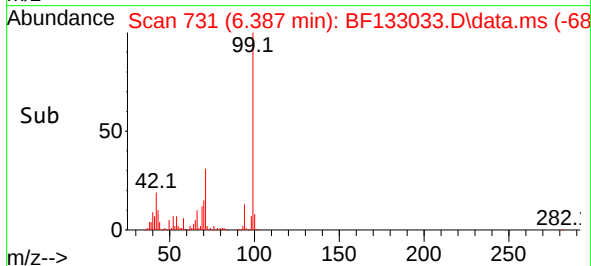
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 143425
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.3 25.6 38.4

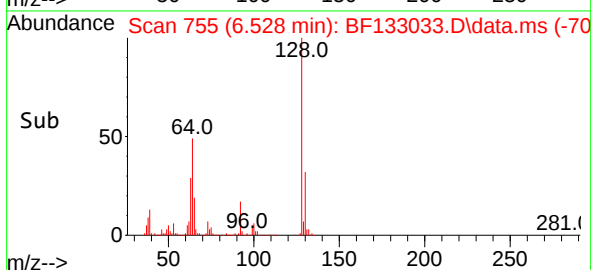
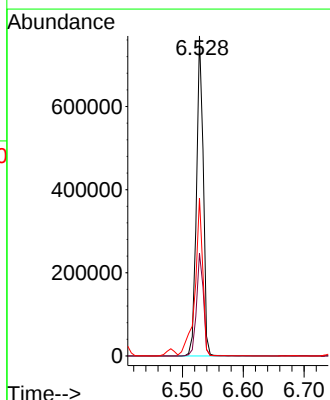
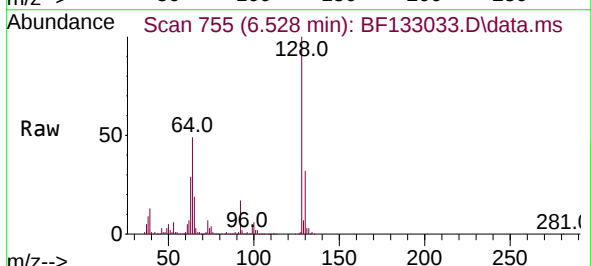
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#8
2-Chlorophenol
Concen: 37.709 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

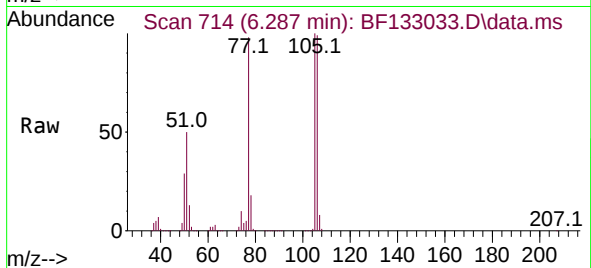
Tgt Ion:128 Resp: 595290
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 49.3 30.3 70.3





#9
Benzaldehyde
Concen: 42.342 ng
RT: 6.287 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

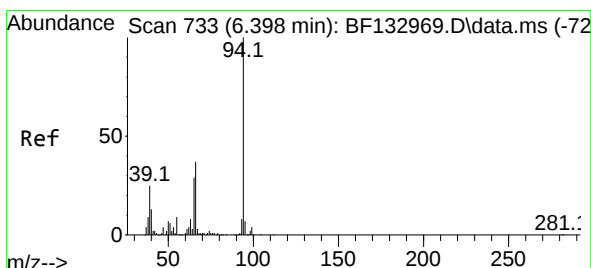
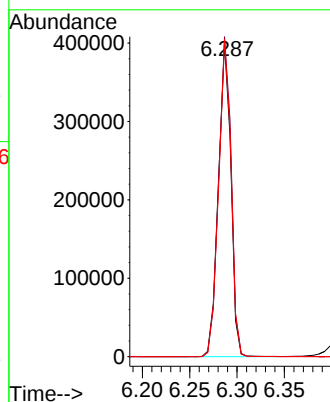
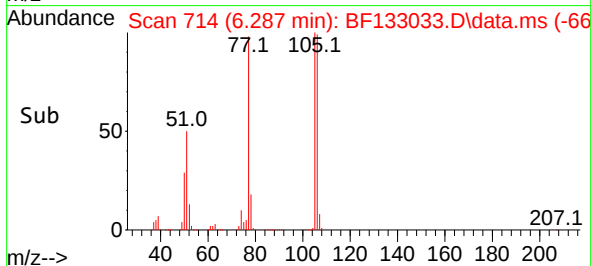
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 36934
Ion Ratio Lower Upper
77 100
105 102.1 82.3 122.3
106 101.3 80.8 120.8

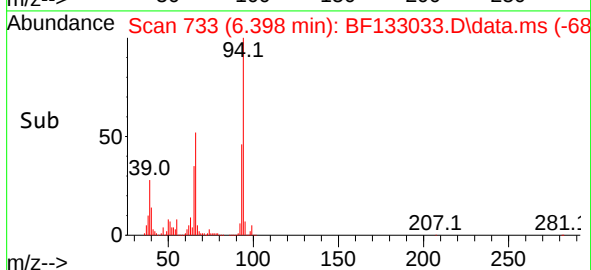
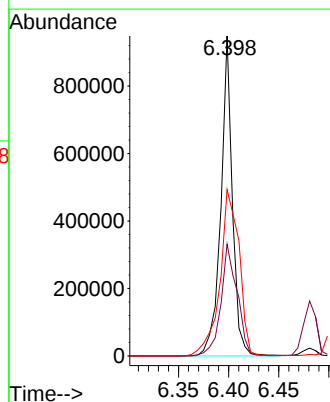
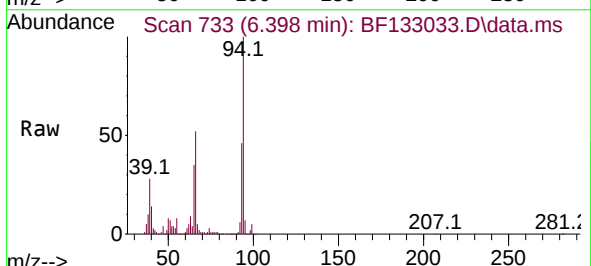
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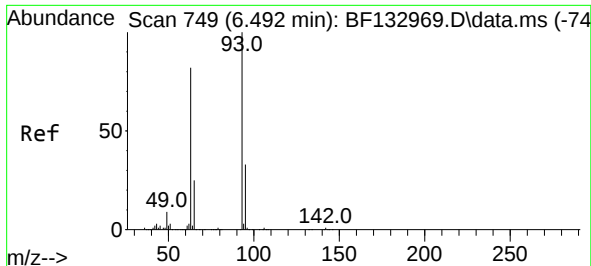
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#10
Phenol
Concen: 35.780 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

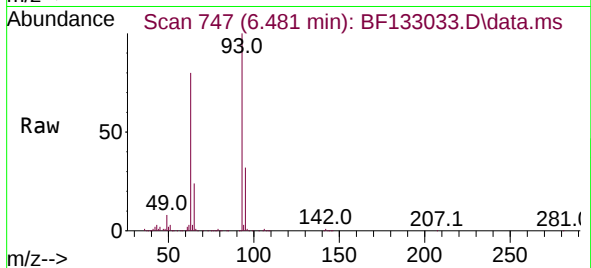
Tgt Ion: 94 Resp: 761744
Ion Ratio Lower Upper
94 100
65 35.0 8.6 48.6
66 52.0 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 37.340 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

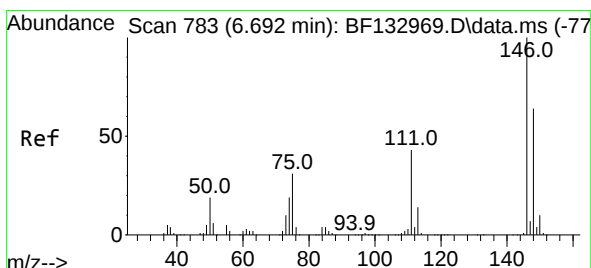
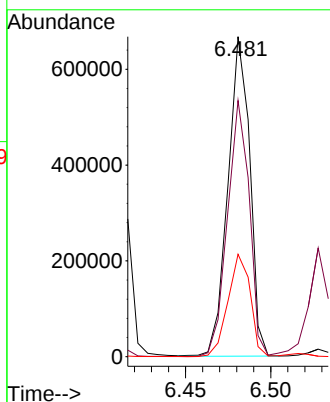
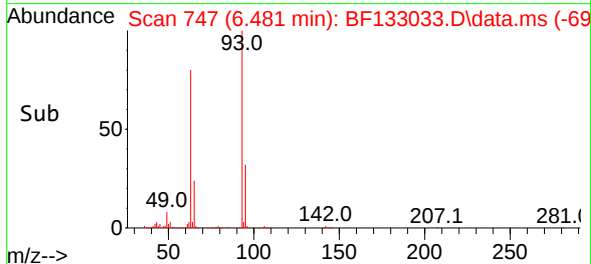
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



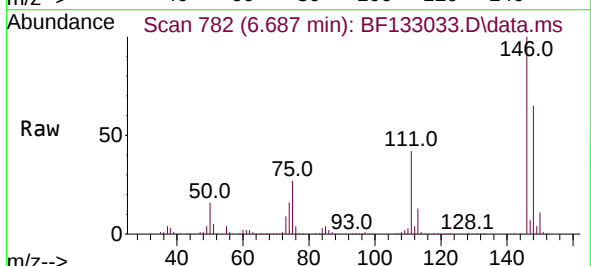
Tgt Ion: 93 Resp: 596549
Ion Ratio Lower Upper
93 100
63 80.1 60.6 100.6
95 32.0 12.9 52.9

Manual Integrations
APPROVED

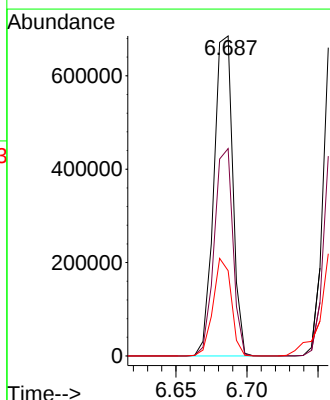
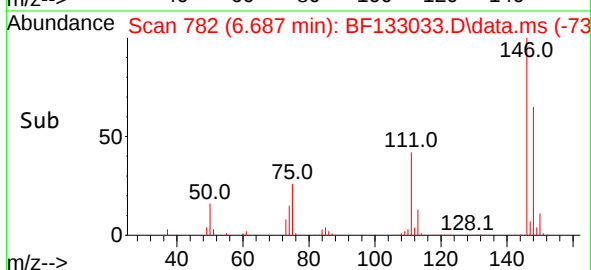
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

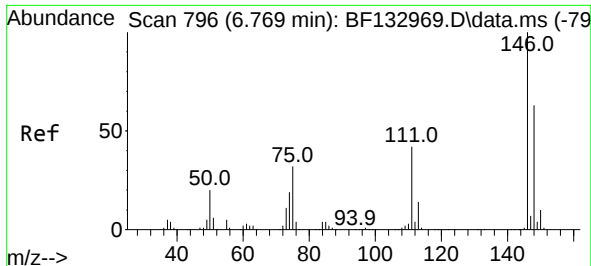


#12
1,3-Dichlorobenzene
Concen: 37.728 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:146 Resp: 633223
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 26.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 37.689 ng

RT: 6.763 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 633980

Ion Ratio Lower Upper

146 100

148 64.5 50.3 75.5

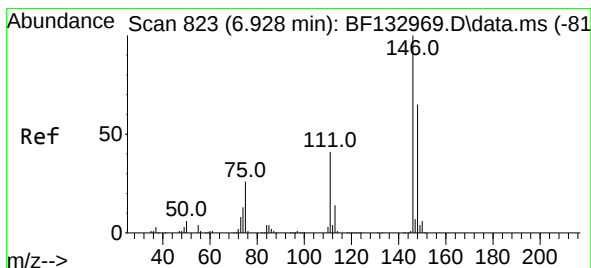
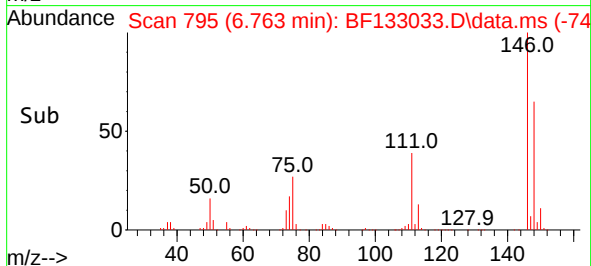
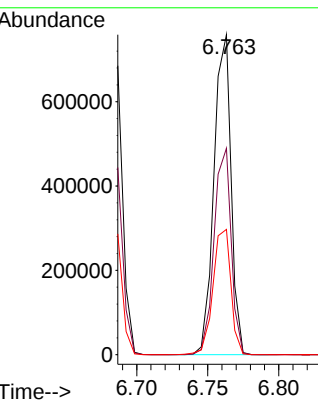
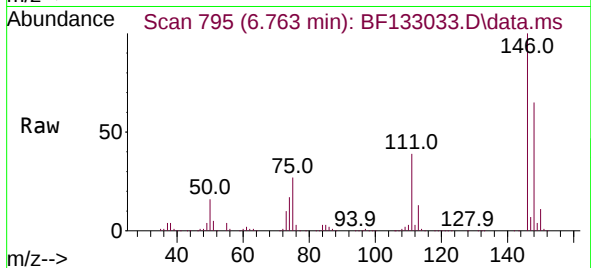
111 39.2 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#14

1,2-Dichlorobenzene

Concen: 38.102 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

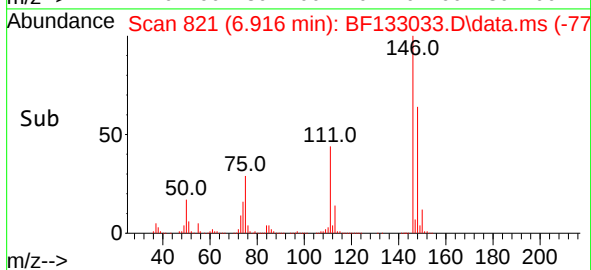
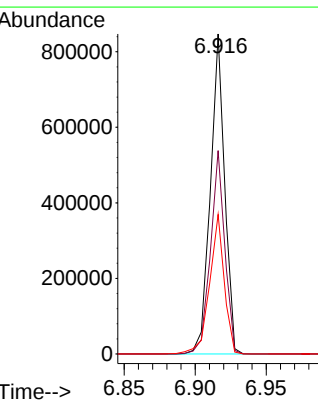
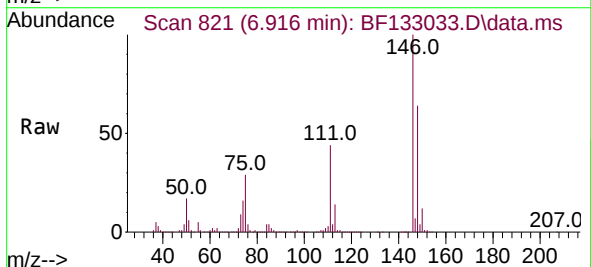
Tgt Ion:146 Resp: 590887

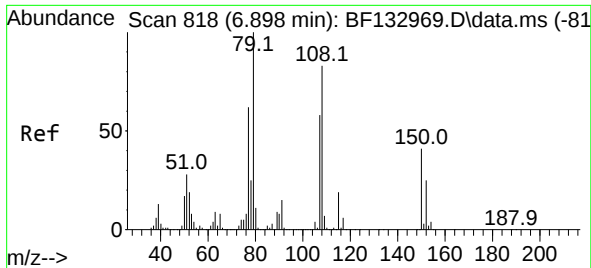
Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

111 43.6 32.8 49.2





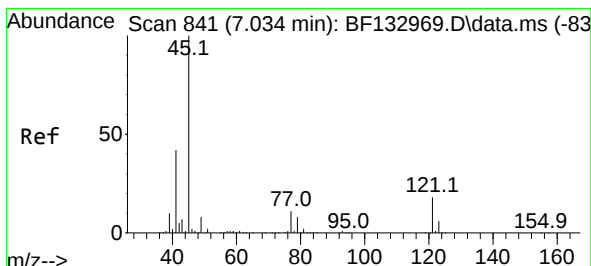
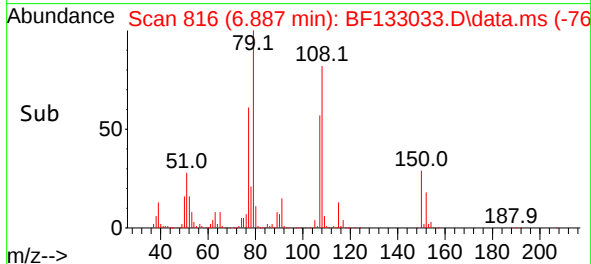
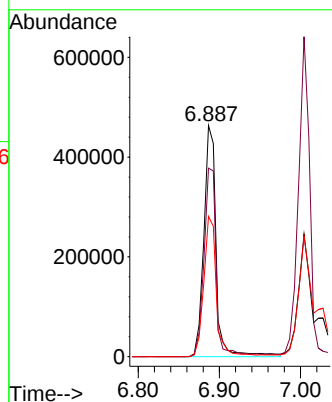
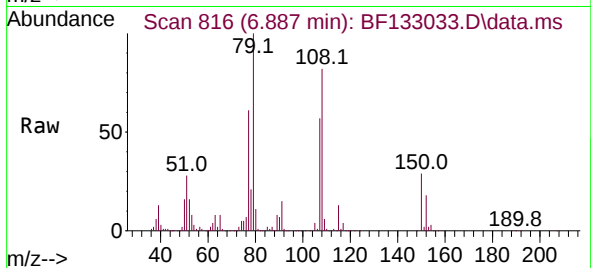
#15
Benzyl Alcohol
Concen: 36.456 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 48598
Ion Ratio Lower Upper
79 100
108 81.5 66.6 99.8
77 60.7 49.2 73.8

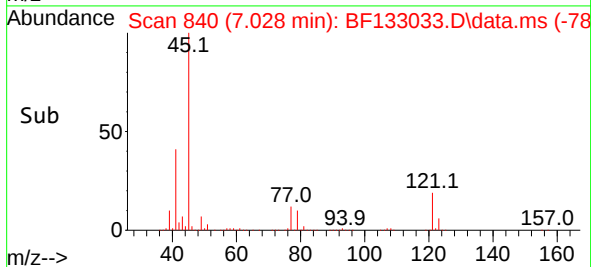
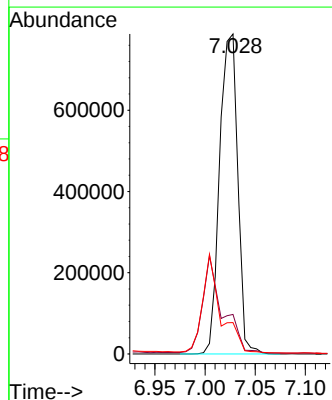
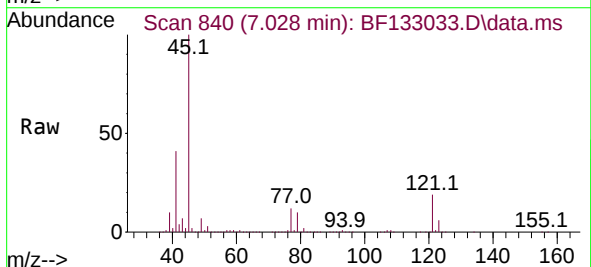
Manual Integrations
APPROVED

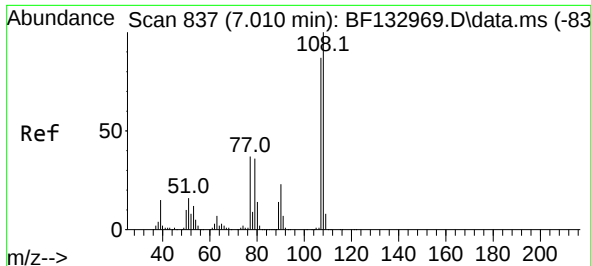
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.566 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion: 45 Resp: 986914
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.5
79 9.8 0.0 28.7





#17
2-Methylphenol
Concen: 38.370 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

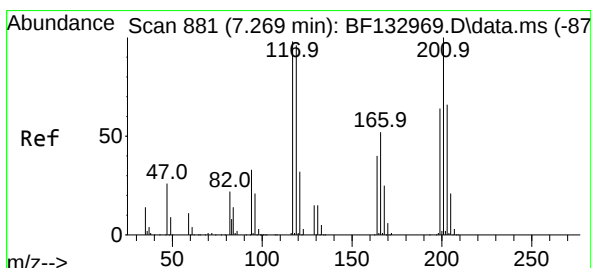
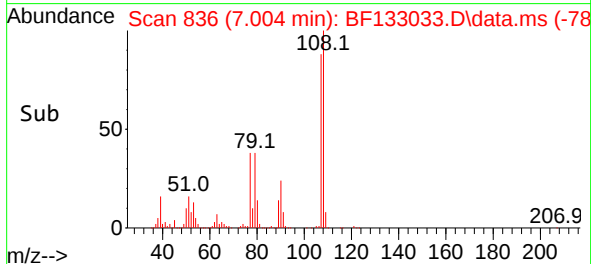
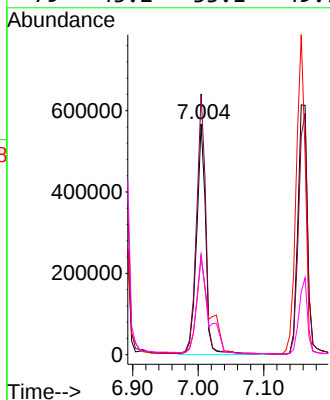
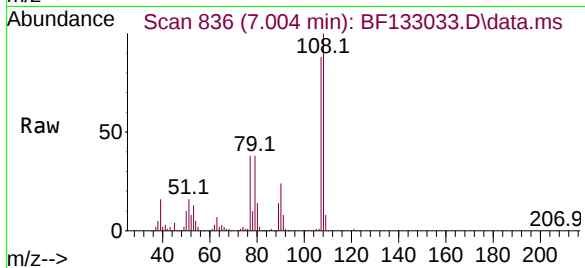
SSTDCCC040

Tgt Ion:107 Resp: 554650
Ion Ratio Lower Upper
107 100
108 113.0 92.4 138.6
77 42.6 33.8 50.8
79 43.2 33.1 49.7

Manual Integrations

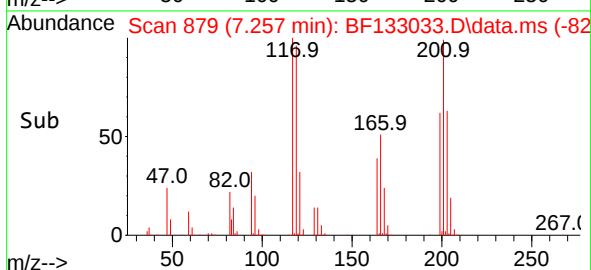
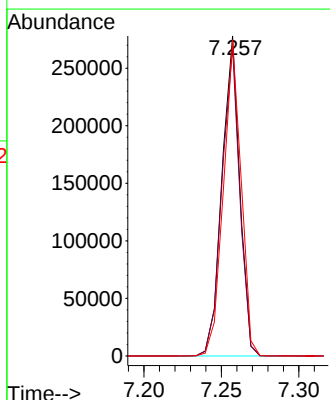
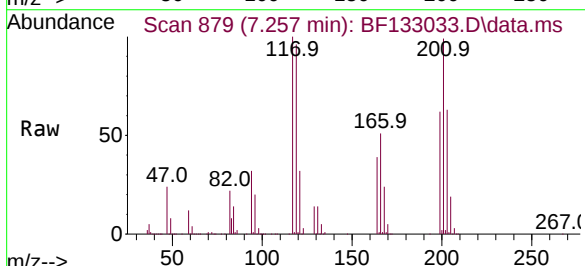
APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#18
Hexachloroethane
Concen: 37.795 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:117 Resp: 221031
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4
201 98.8 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.380 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 41305

Ion Ratio Lower Upper

70 100

42 62.0 51.8 77.6

101 10.1 8.0 12.0

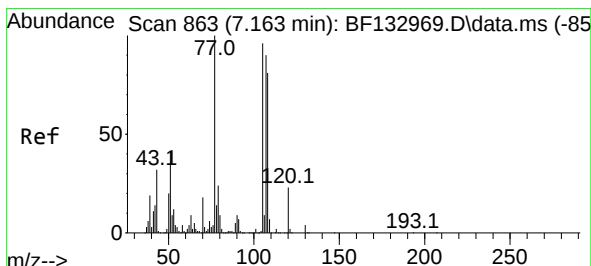
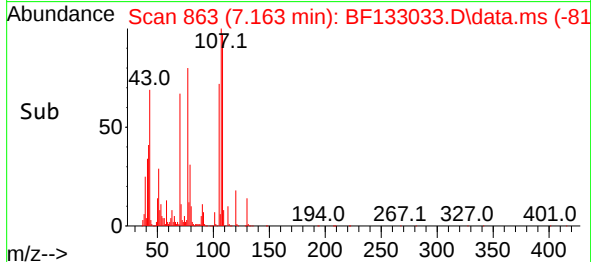
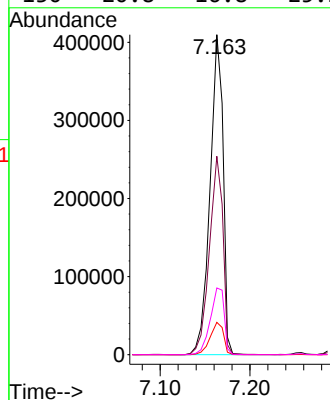
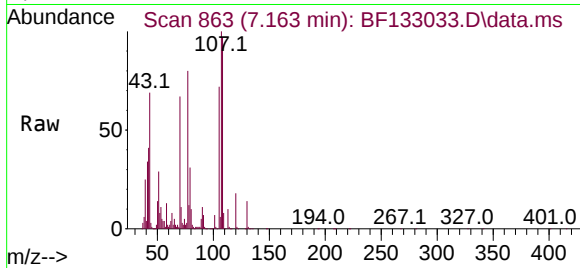
130 20.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#20

3+4-Methylphenols

Concen: 37.288 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Tgt Ion:107 Resp: 634777

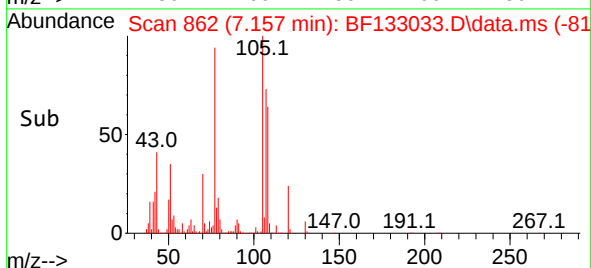
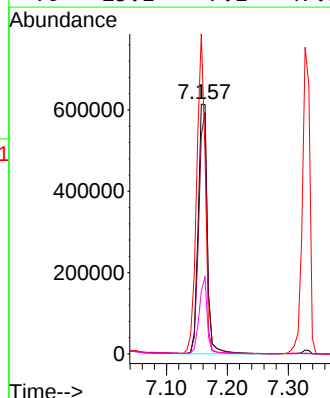
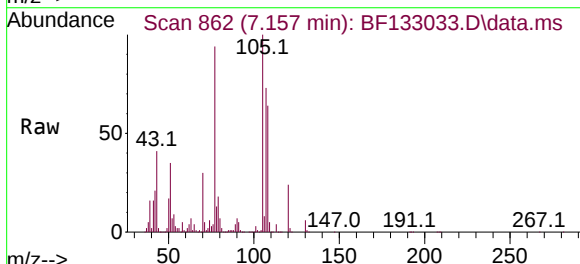
Ion Ratio Lower Upper

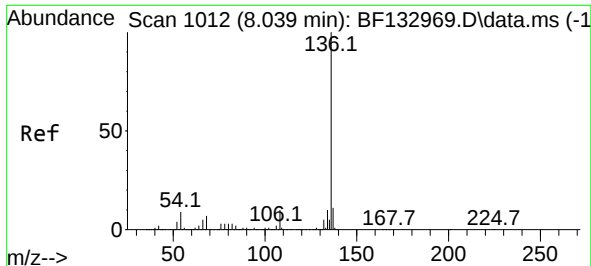
107 100

108 87.6 70.5 110.5

77 128.1 91.7 131.7

79 25.1 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

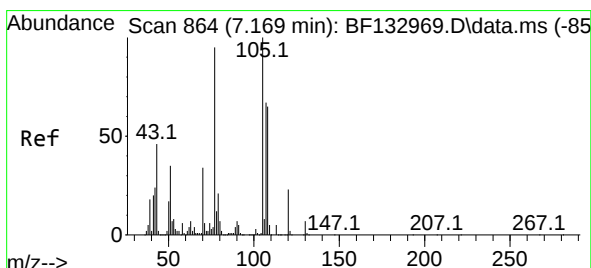
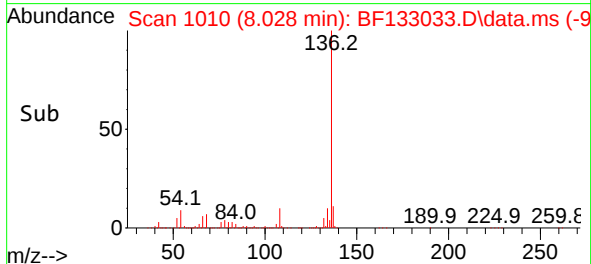
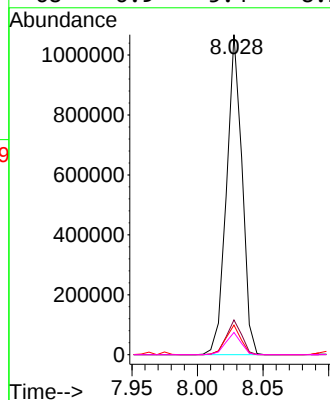
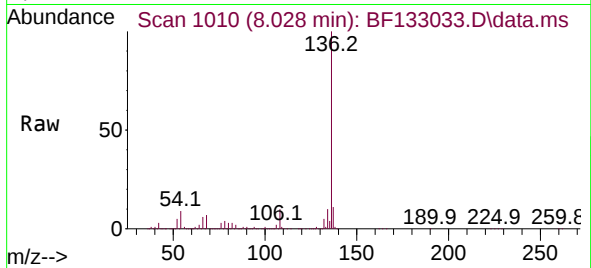
SSTDCCC040

Tgt Ion:136 Resp: 876462
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.0 10.4
68 6.9 5.4 8.2

Manual Integrations

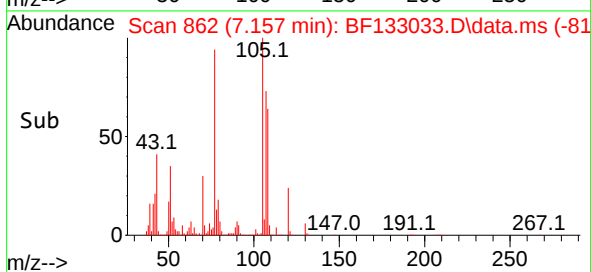
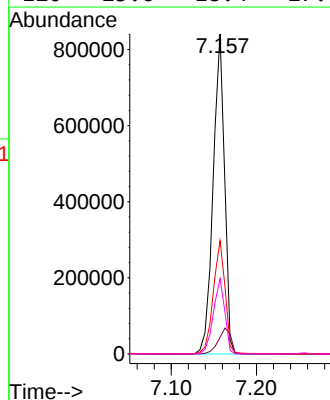
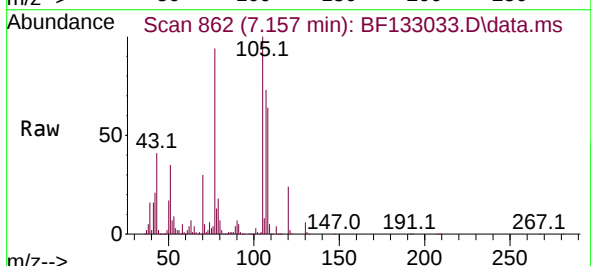
APPROVED

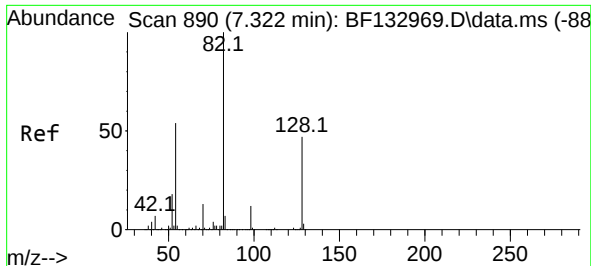
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 38.523 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:105 Resp: 782129
Ion Ratio Lower Upper
105 100
71 5.2 4.6 7.0
51 35.4 28.2 42.2
120 23.6 18.4 27.6





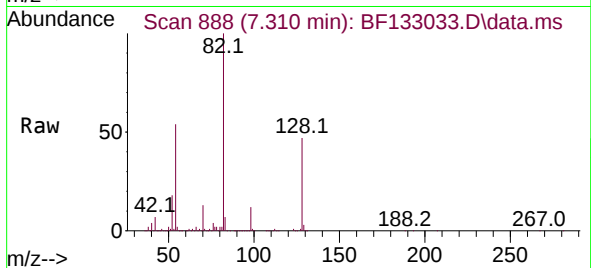
#23
Nitrobenzene-d5
Concen: 77.934 ng
RT: 7.310 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNF

ClientSampleId :

SSTDCCC040

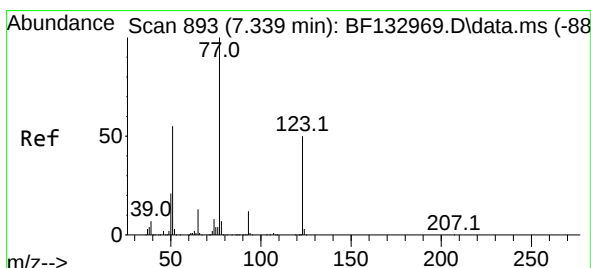
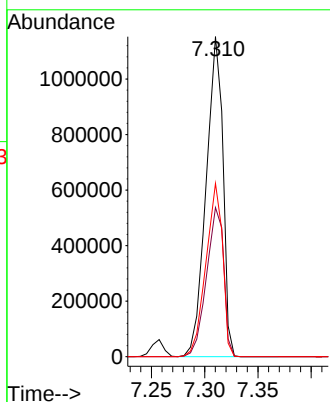
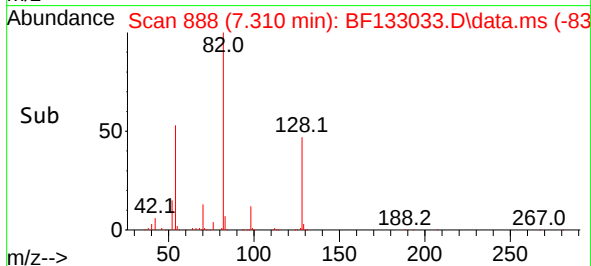


Tgt Ion: 82 Resp: 1265479
Ion Ratio Lower Upper
82 100
128 46.6 37.7 56.5
54 54.1 43.0 64.4

Manual Integrations

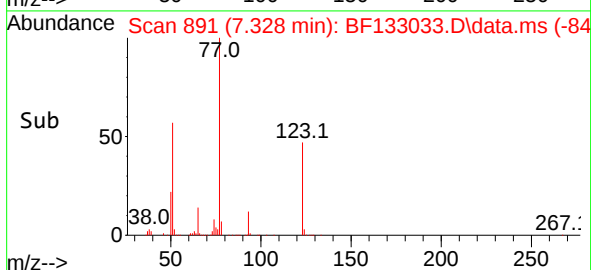
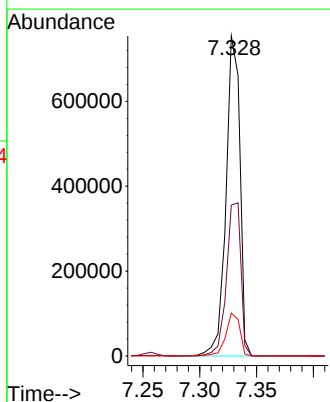
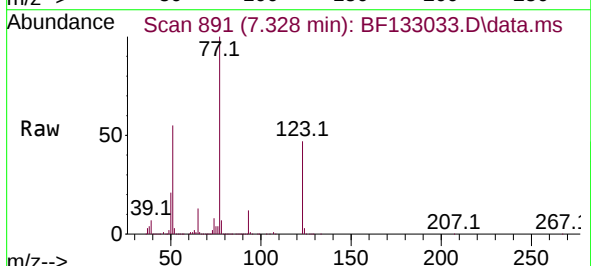
APPROVED

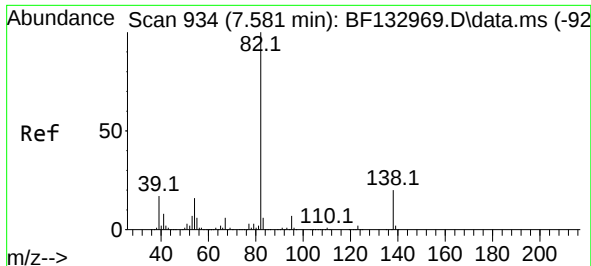
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#24
Nitrobenzene
Concen: 39.111 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion: 77 Resp: 643534
Ion Ratio Lower Upper
77 100
123 47.2 39.9 59.9
65 13.4 10.7 16.1





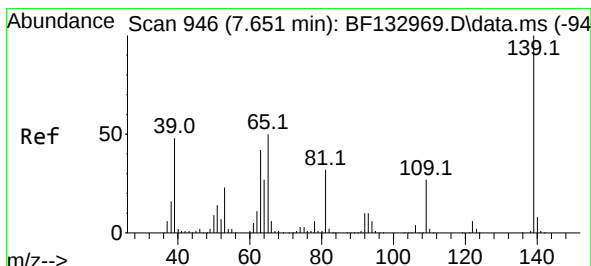
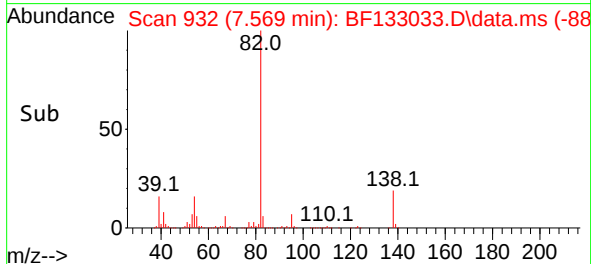
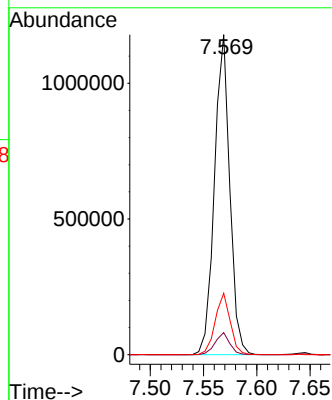
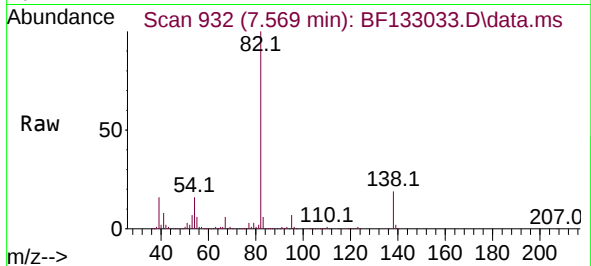
#25
Isophorone
Concen: 38.225 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1178479
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.2 16.0 24.0

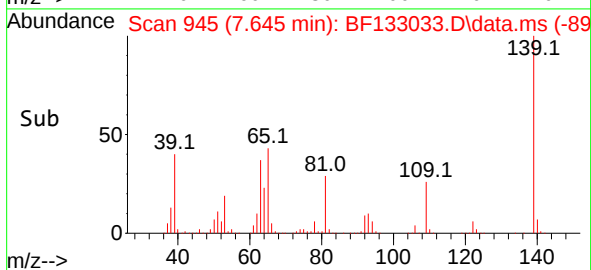
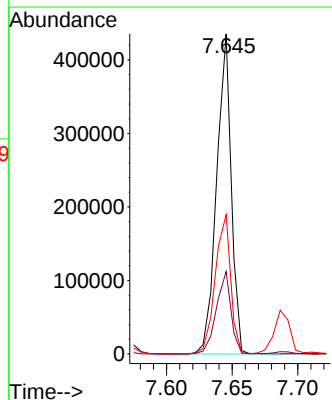
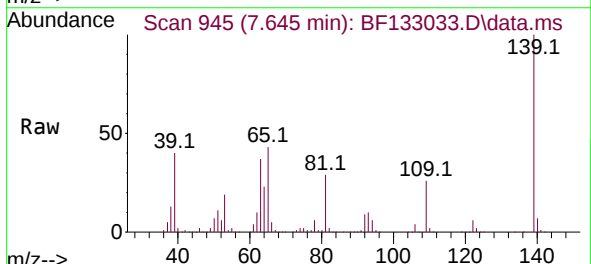
Manual Integrations
APPROVED

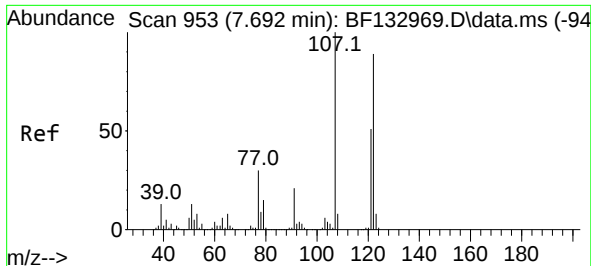
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 42.483 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:139 Resp: 337162
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 43.5 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 40.116 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

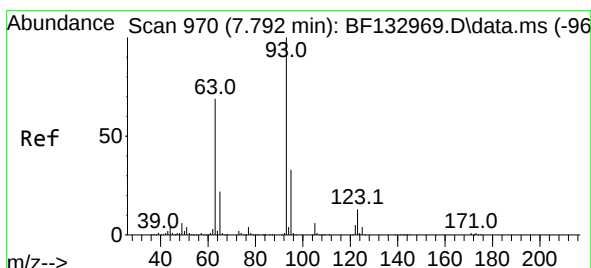
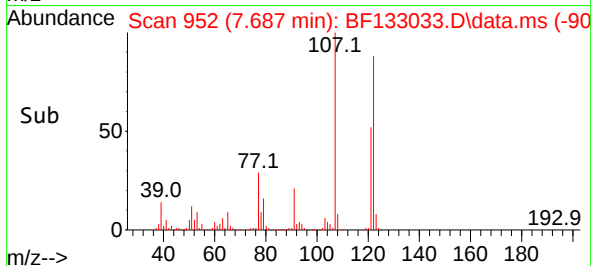
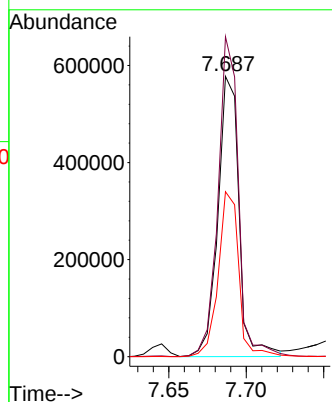
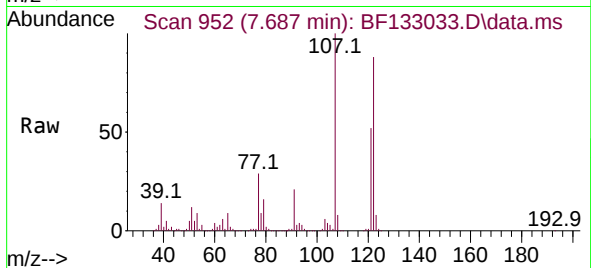
SSTDCCC040

Tgt Ion:	122	Resp:	54592
Ion Ratio	Lower	Upper	
122	100		
107	114.1	89.7	134.5
121	58.8	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.038 ng

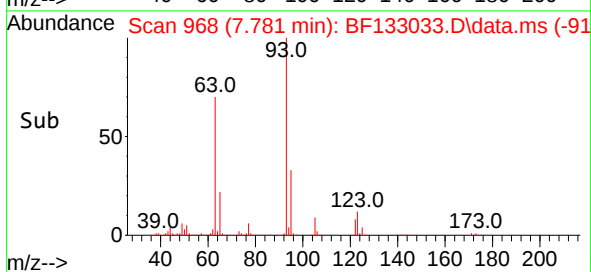
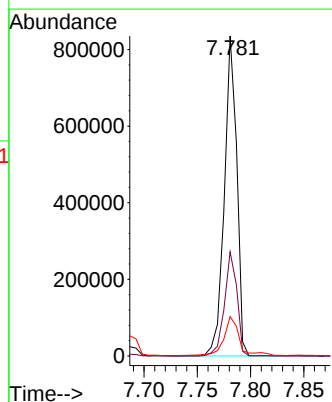
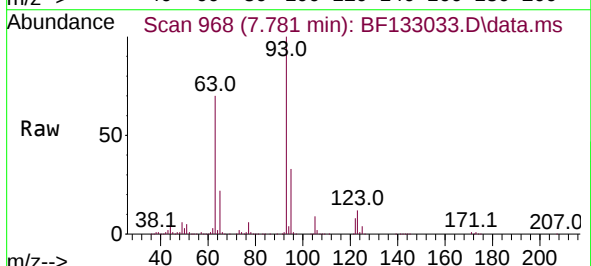
RT: 7.781 min Scan# 968

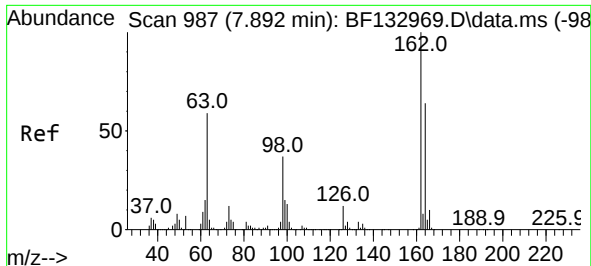
Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Tgt Ion:	93	Resp:	675516
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	12.3	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 38.533 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

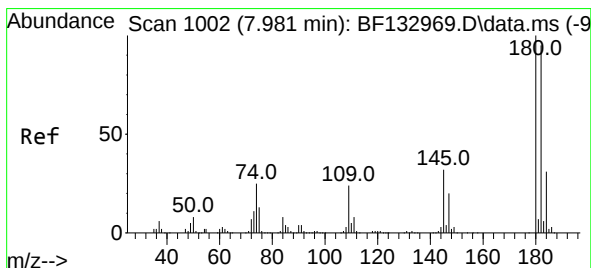
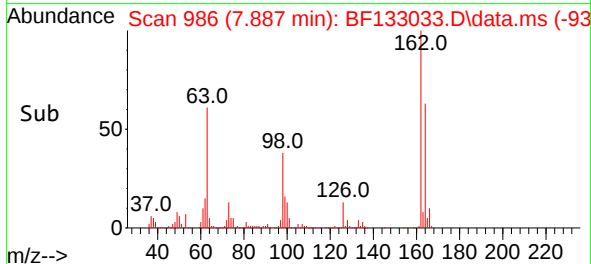
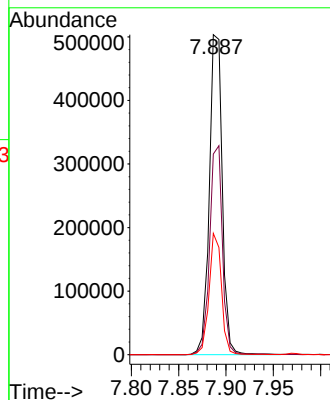
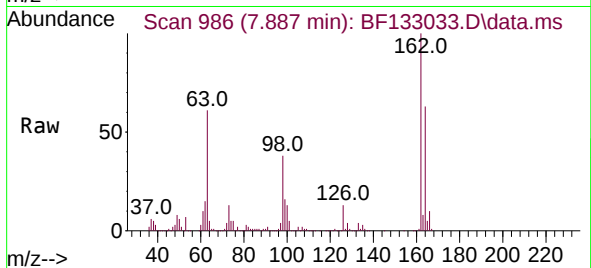
Tgt Ion:162	Resp:	47736
Ion Ratio	Lower	Upper
162	100	
164	62.7	43.9 83.9
98	37.9	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.818 ng

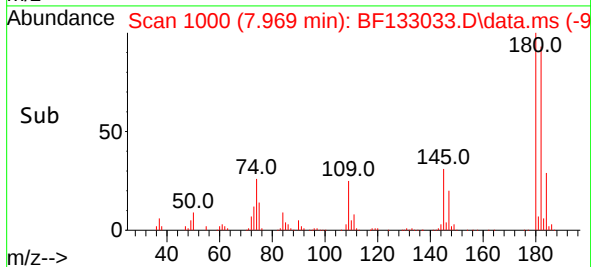
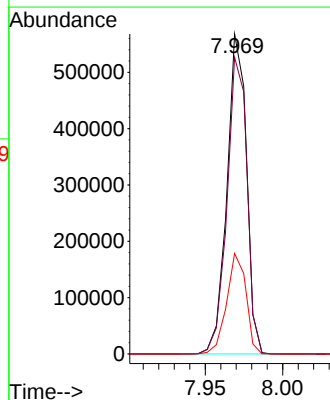
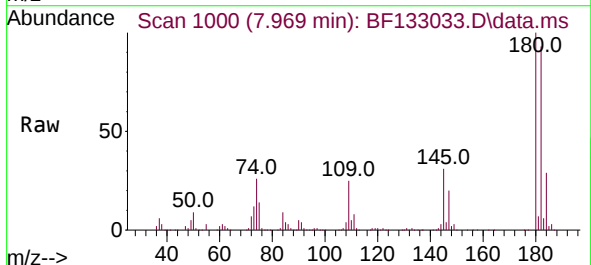
RT: 7.969 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Tgt Ion:180	Resp:	498206
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.9 113.9
145	31.4	25.3 37.9





#31
Naphthalene
Concen: 37.921 ng
RT: 8.051 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

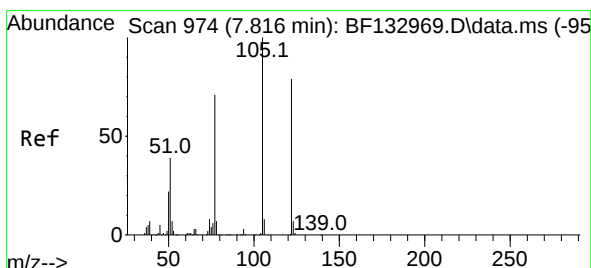
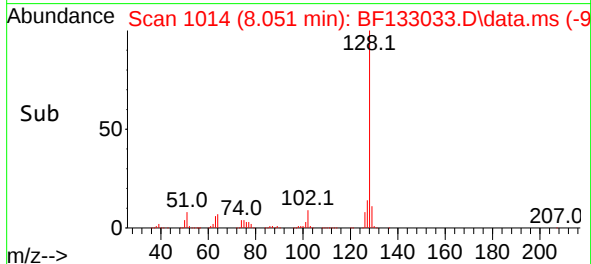
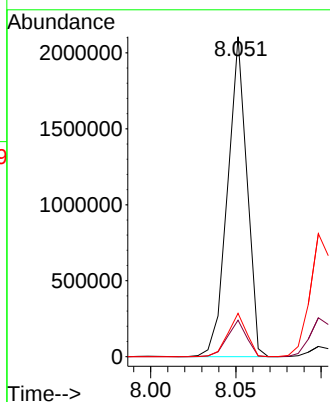
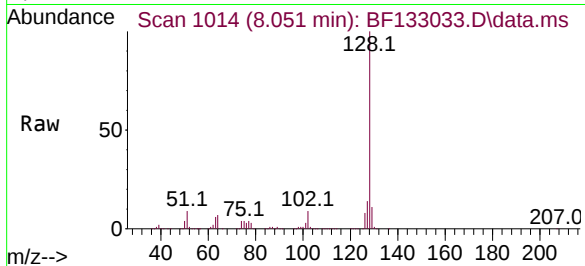
SSTDCCC040

Tgt Ion:128 Resp: 1661708
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.7 16.1

Manual Integrations

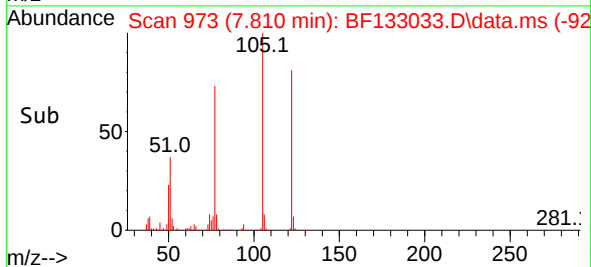
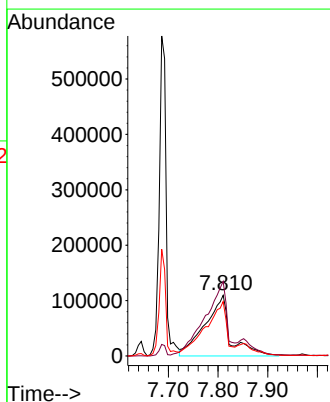
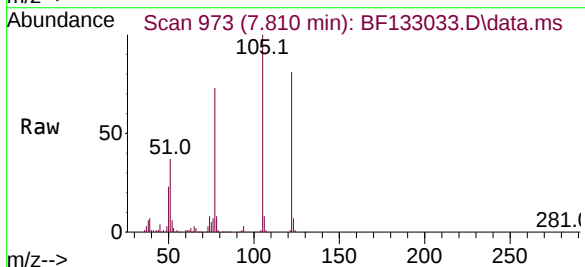
APPROVED

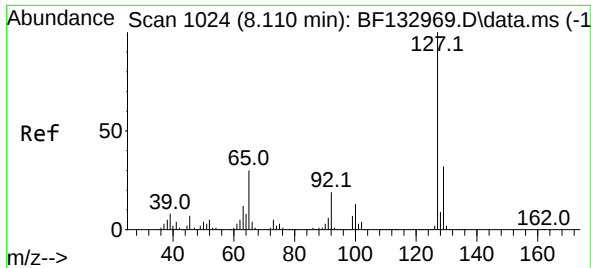
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#32
Benzoic acid
Concen: 46.706 ng m
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:122 Resp: 392610
Ion Ratio Lower Upper
122 100
105 122.8 104.2 144.2
77 89.8 69.7 109.7





#33
4-Chloroaniline
Concen: 39.933 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

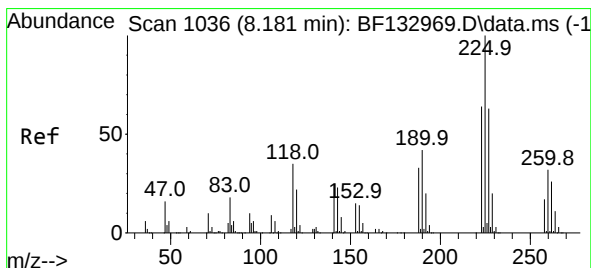
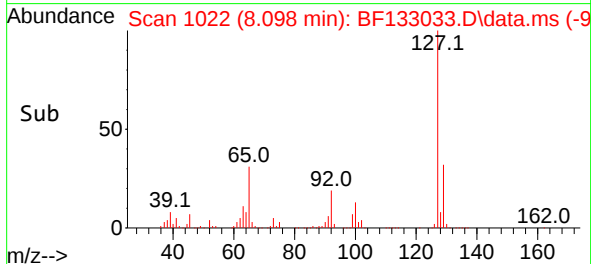
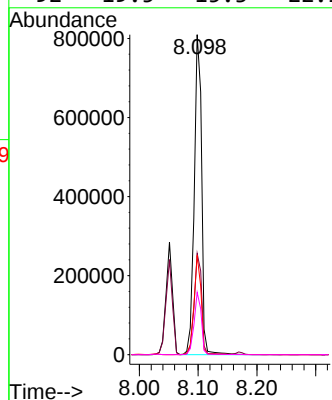
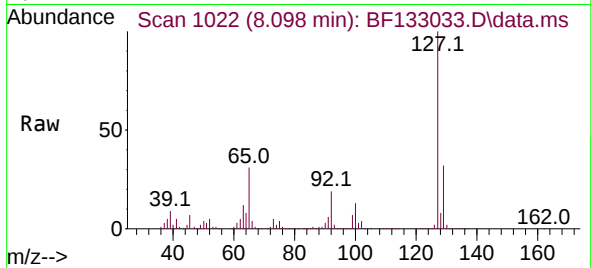
SSTDCCC040

Tgt Ion:127 Resp: 707020
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 31.0 23.6 35.4
92 19.5 15.3 22.9

Manual Integrations

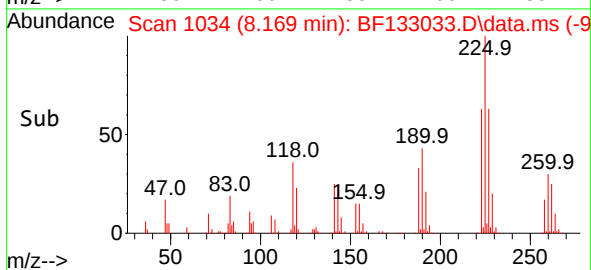
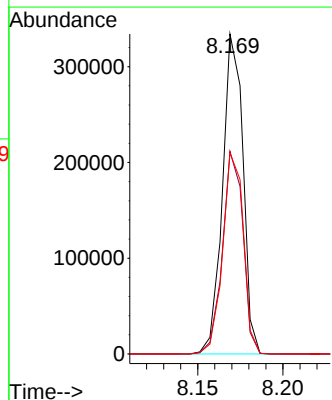
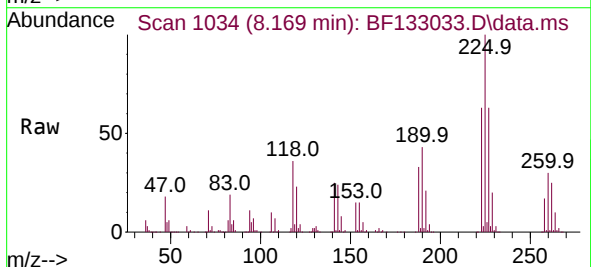
APPROVED

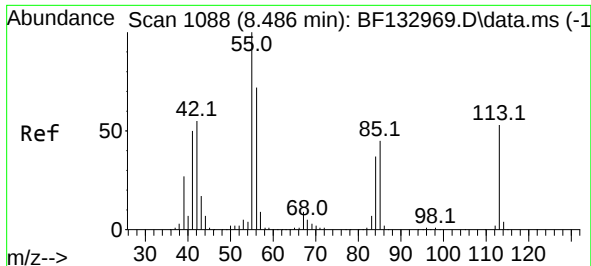
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#34
Hexachlorobutadiene
Concen: 39.092 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

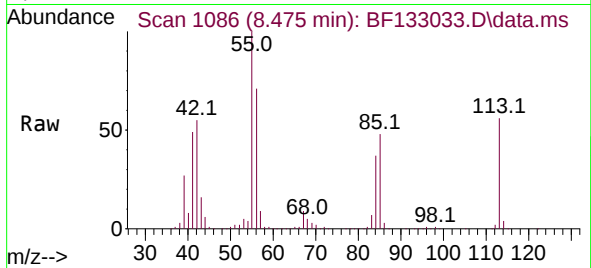
Tgt Ion:225 Resp: 278080
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 62.8 50.3 75.5





#35
 Caprolactam
 Concen: 39.605 ng
 RT: 8.475 min Scan# 1086
 Delta R.T. 0.000 min
 Lab File: BF133033.D
 Acq: 25 Apr 2023 18:24

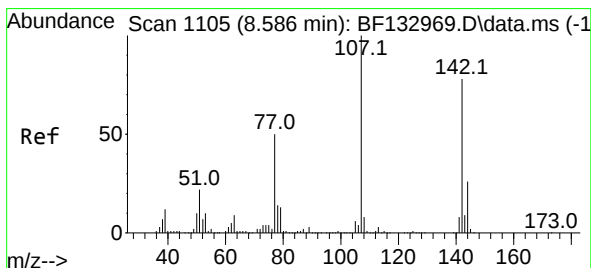
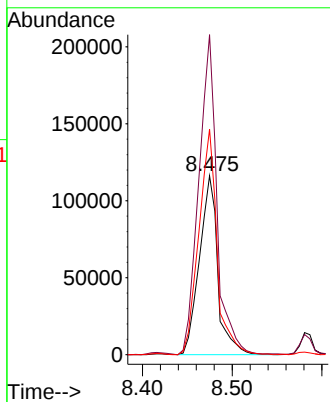
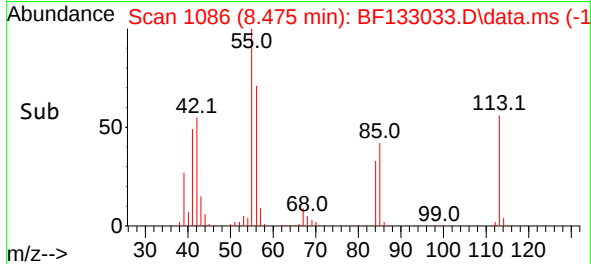
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 164828
 Ion Ratio Lower Upper
 113 100
 55 178.9 167.1 207.1
 56 126.2 114.5 154.5

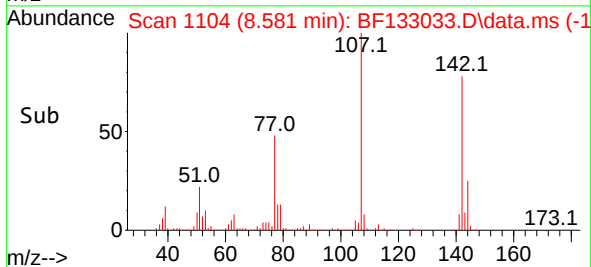
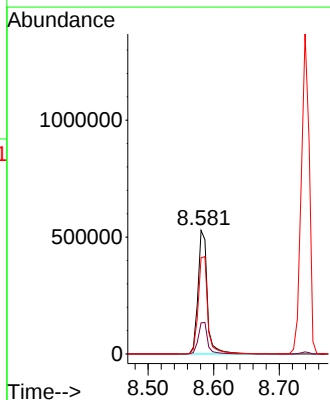
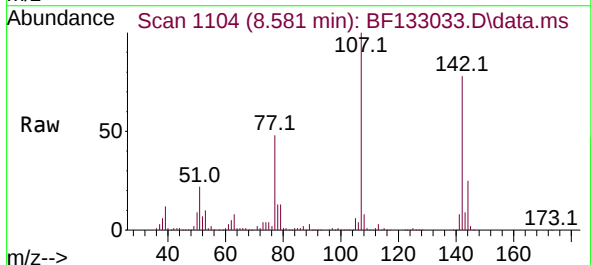
Manual Integrations
 APPROVED

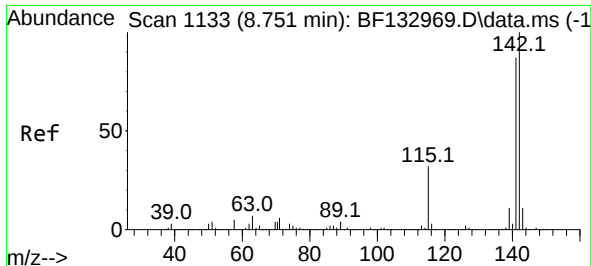
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.022 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: BF133033.D
 Acq: 25 Apr 2023 18:24

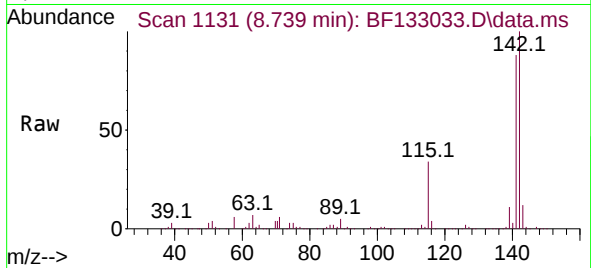
Tgt Ion:107 Resp: 521308
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 30.8
 142 78.0 62.8 94.2





#37
2-Methylnaphthalene
Concen: 38.339 ng
RT: 8.739 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

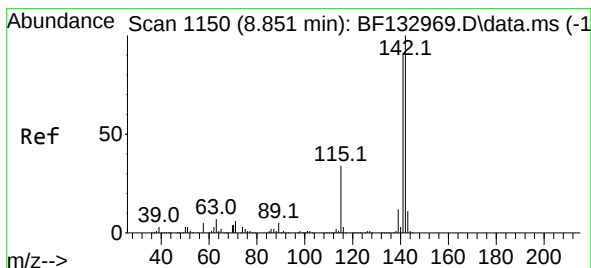
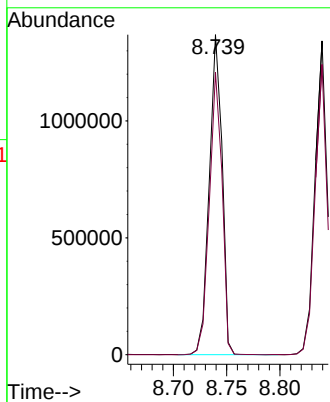
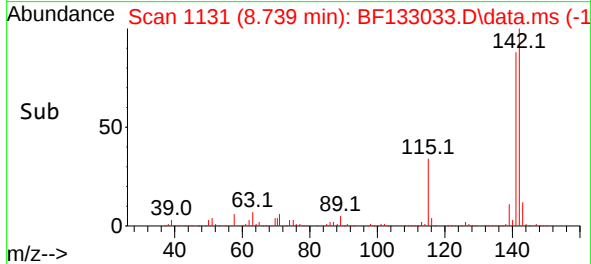
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1148590
Ion Ratio Lower Upper
142 100
141 88.2 69.4 104.0

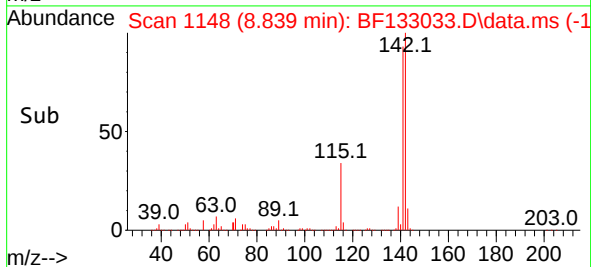
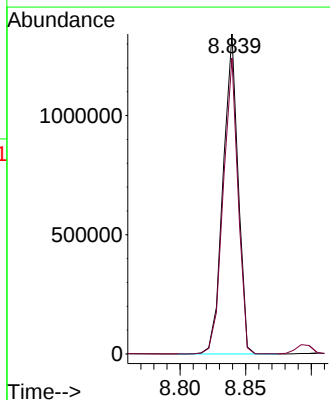
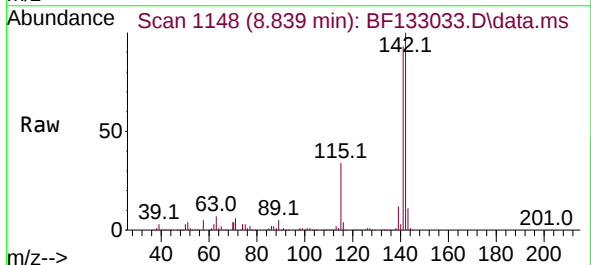
Manual Integrations
APPROVED

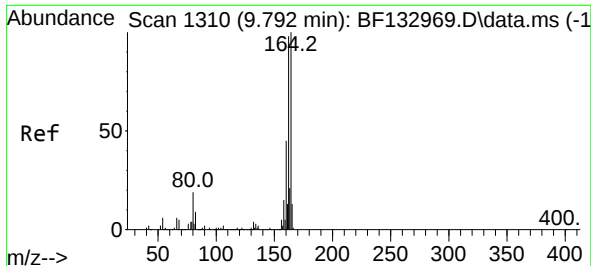
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#38
1-Methylnaphthalene
Concen: 38.073 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:142 Resp: 1067046
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7





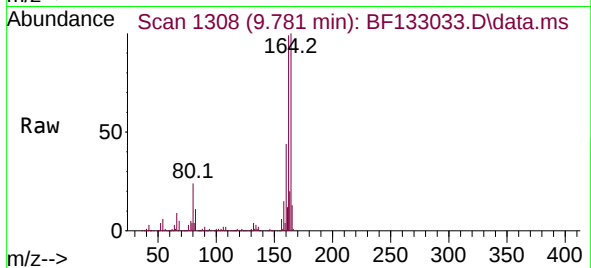
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

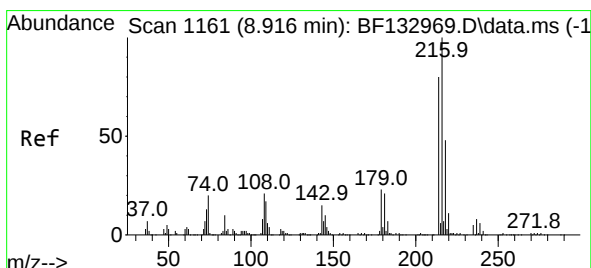
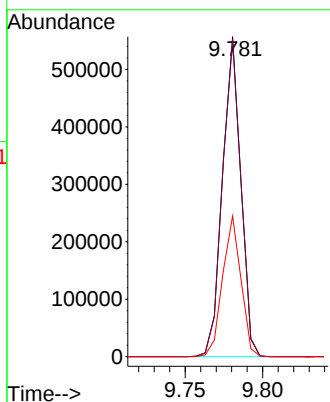
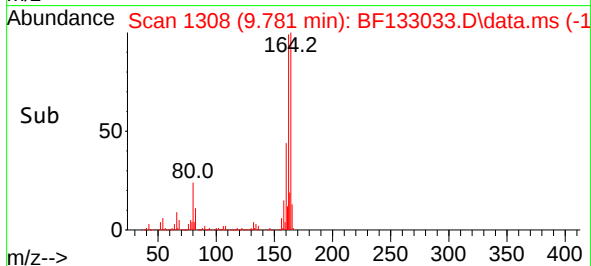


Tgt Ion:164 Resp: 456859
Ion Ratio Lower Upper
164 100
162 99.1 78.7 118.1
160 44.0 35.8 53.6

Manual Integrations

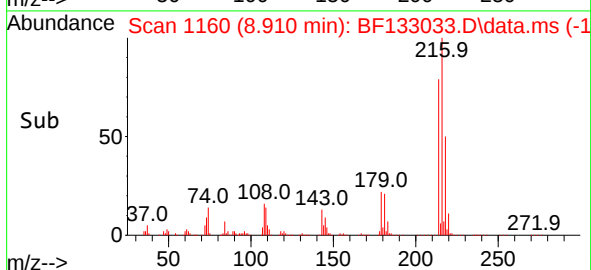
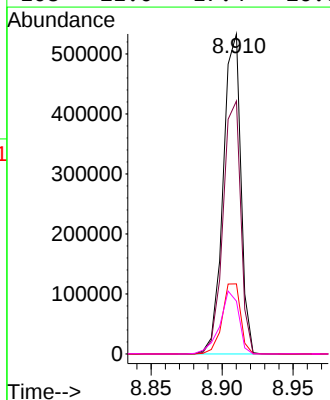
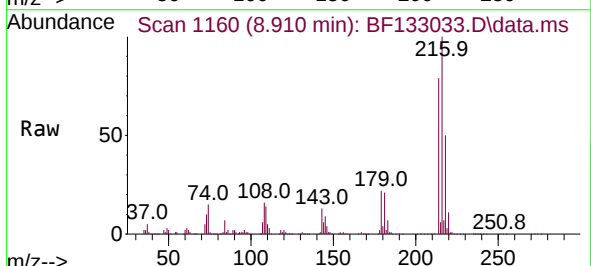
APPROVED

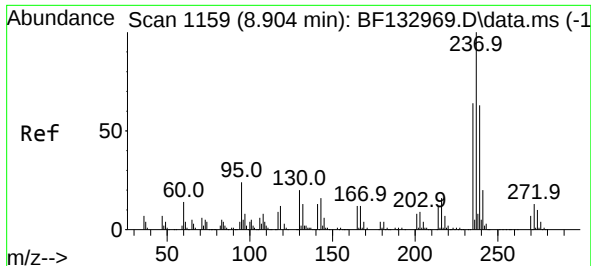
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.511 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

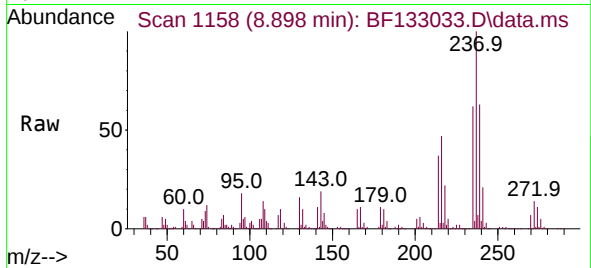
Tgt Ion:216 Resp: 460768
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 22.7 17.4 26.2
108 21.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 40.062 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

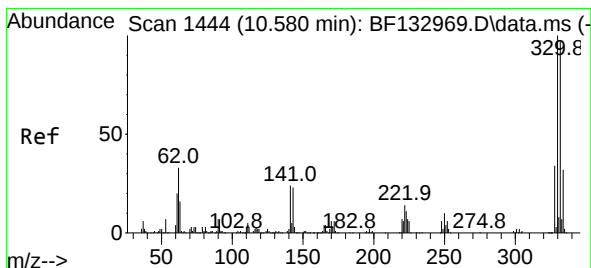
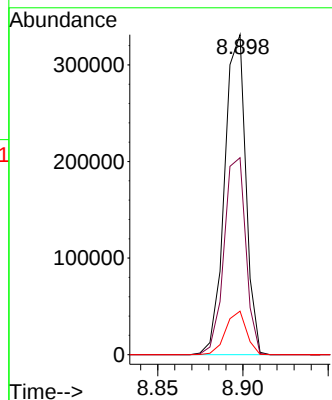
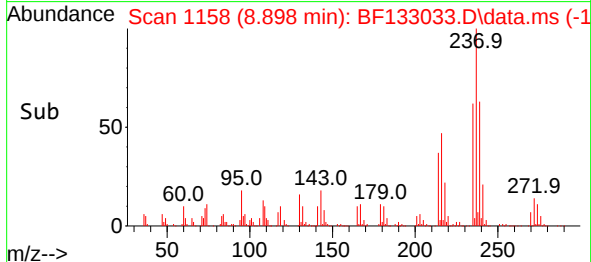
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



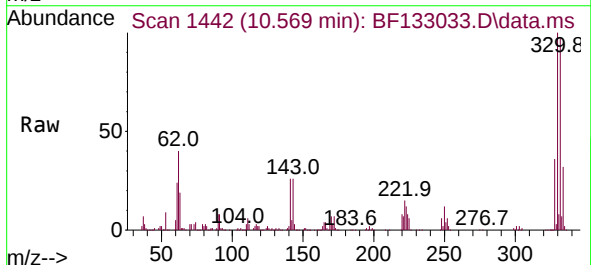
Tgt Ion: 237 Resp: 286997
Ion Ratio Lower Upper
237 100
235 61.6 43.5 83.5
272 13.6 0.0 32.7

Manual Integrations
APPROVED

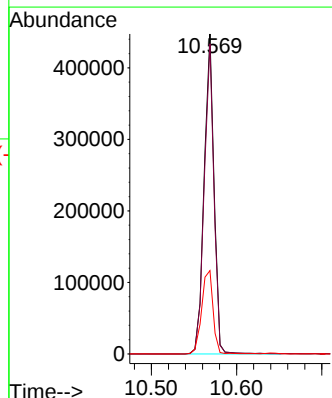
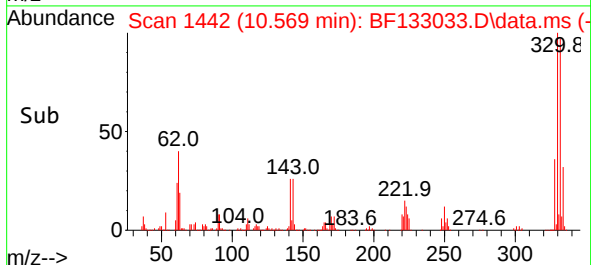
Reviewed By : Christian Giraldo 04/26/2023
Supervised By : Jagrut Upadhyay 04/26/2023

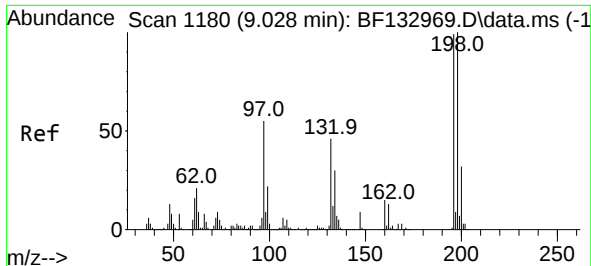


#42
2,4,6-Tribromophenol
Concen: 78.375 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



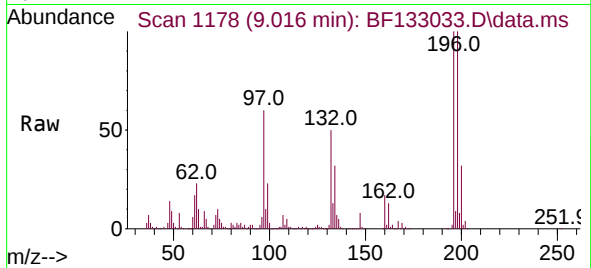
Tgt Ion: 330 Resp: 360101
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 30.2 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 38.520 ng
RT: 9.016 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

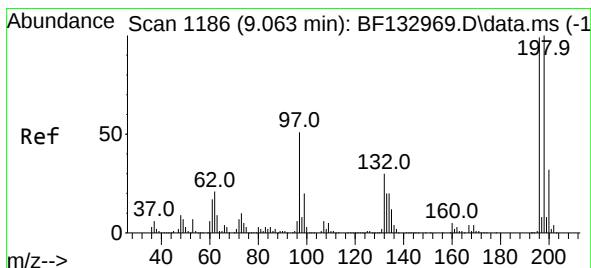
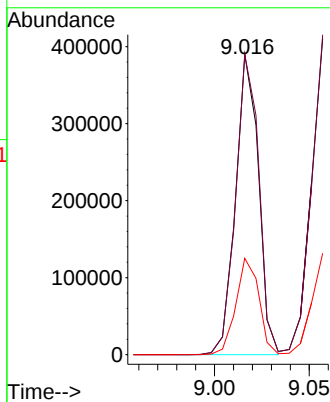
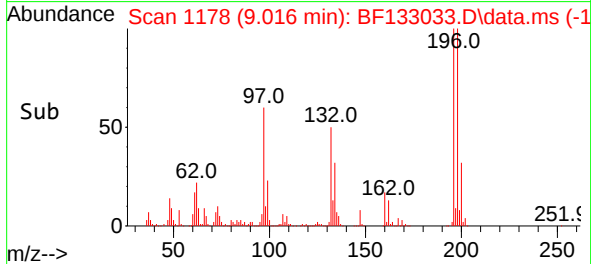
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



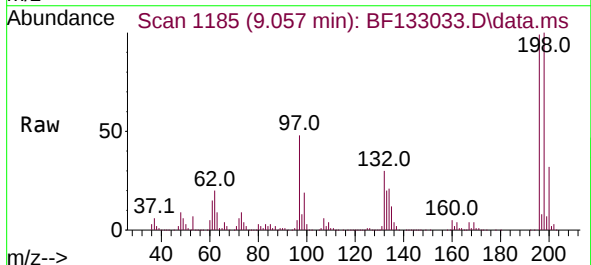
Tgt Ion:196 Resp: 327228
Ion Ratio Lower Upper
196 100
198 100.0 81.0 121.6
200 32.1 26.1 39.1

Manual Integrations
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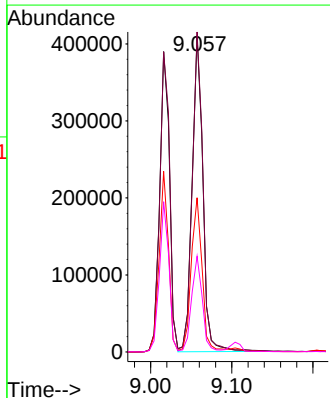
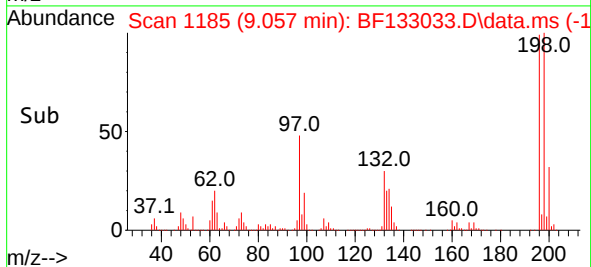
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

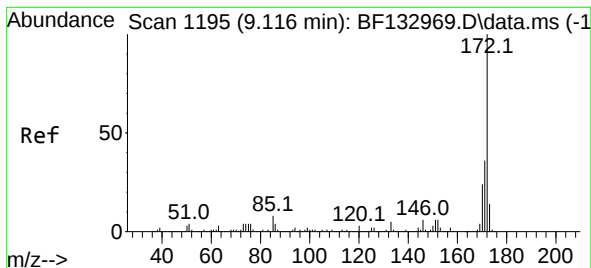


#44
2,4,5-Trichlorophenol
Concen: 38.825 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:196 Resp: 381442
Ion Ratio Lower Upper
196 100
198 101.2 80.9 121.3
97 48.7 41.3 61.9
132 30.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 77.310 ng

RT: 9.104 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 2111172

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

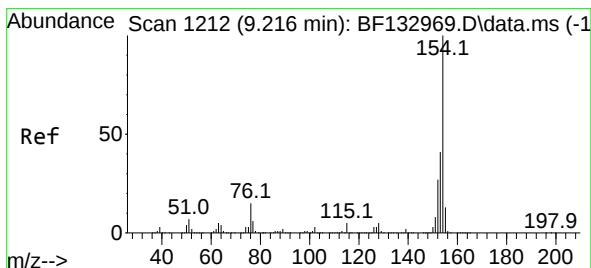
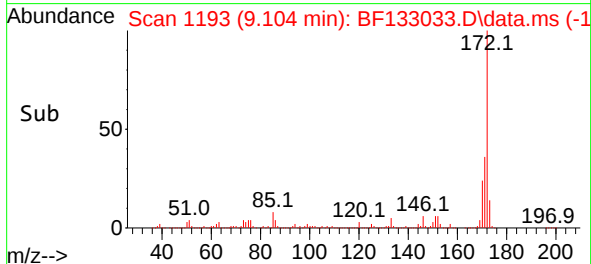
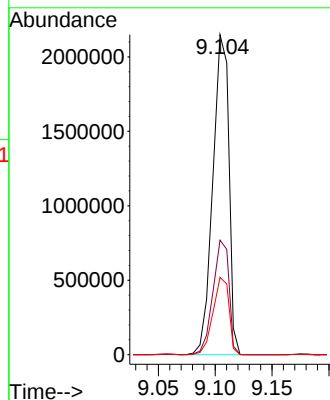
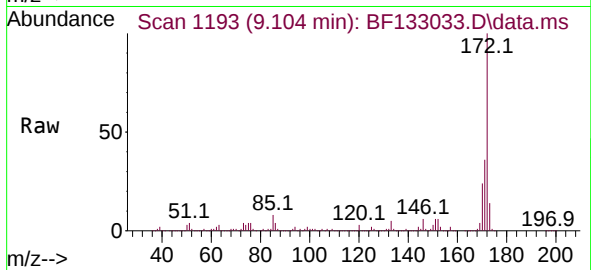
170 24.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#46

1,1'-Biphenyl

Concen: 37.732 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

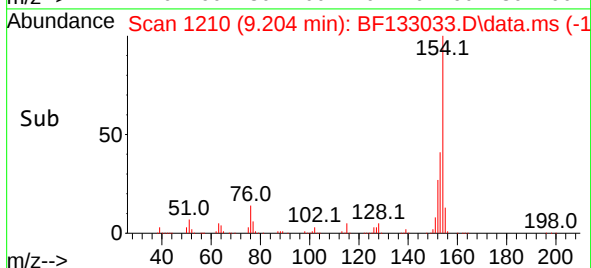
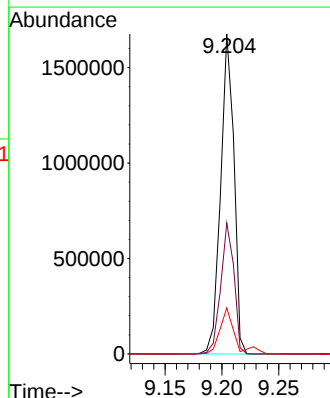
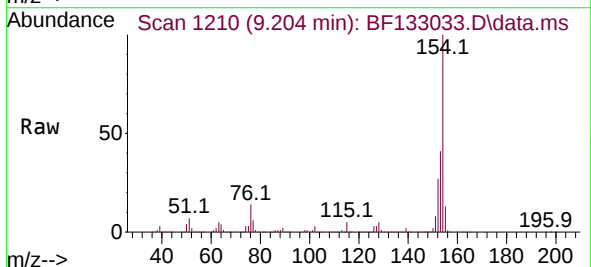
Tgt Ion:154 Resp: 1366926

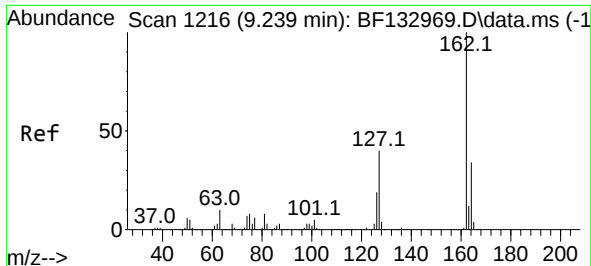
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 14.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 37.755 ng

RT: 9.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1001088

Ion Ratio Lower Upper

162 100

127 40.8 32.3 48.5

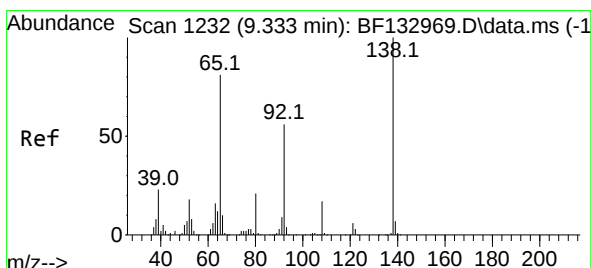
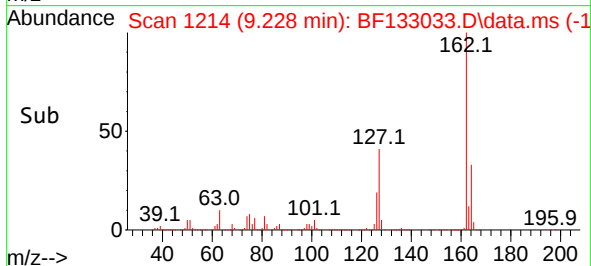
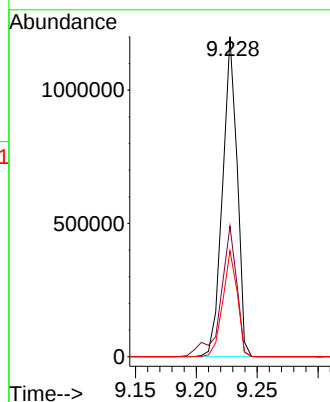
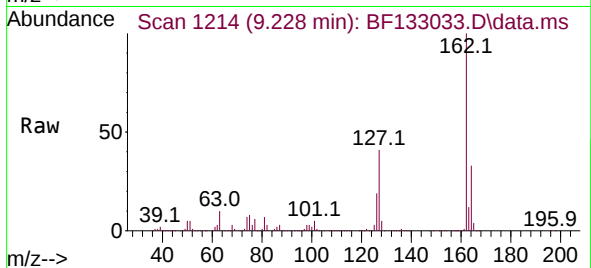
164 33.1 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#48

2-Nitroaniline

Concen: 38.069 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

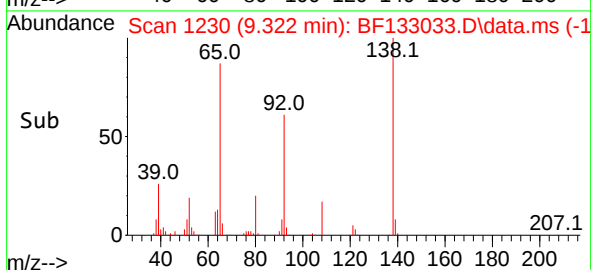
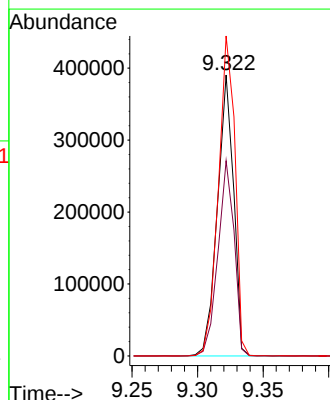
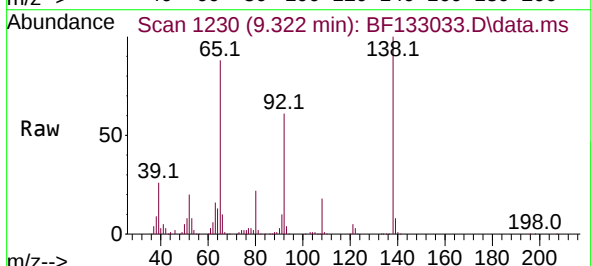
Tgt Ion: 65 Resp: 333613

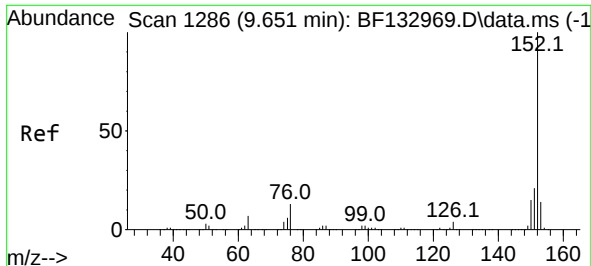
Ion Ratio Lower Upper

65 100

92 69.5 55.4 83.0

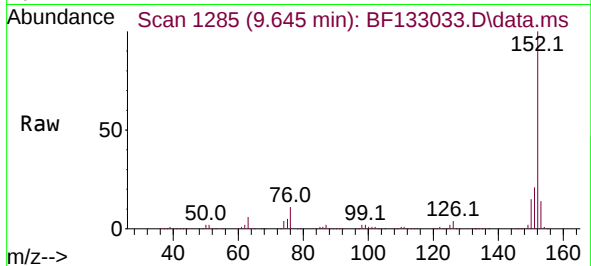
138 113.9 98.2 147.2





#49
Acenaphthylene
Concen: 37.842 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

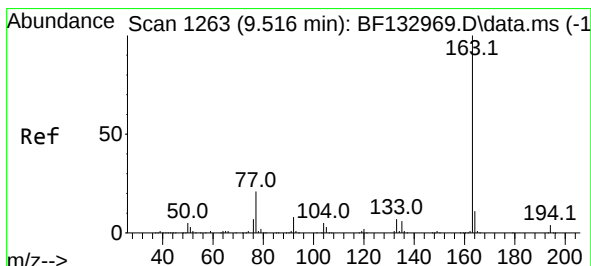
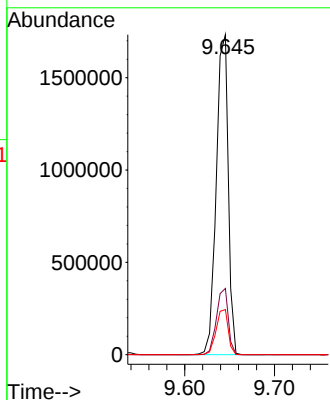
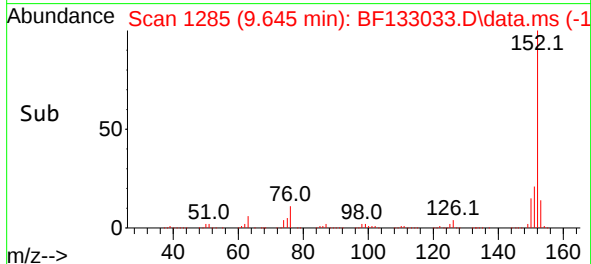
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



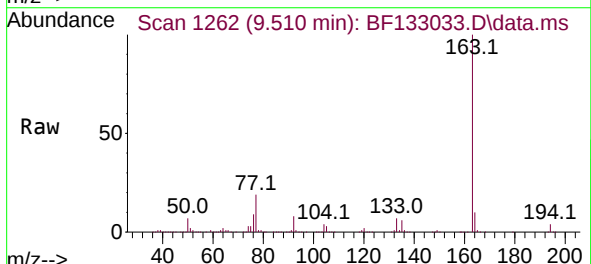
Tgt Ion:152 Resp: 1603308
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.1 11.5 17.3

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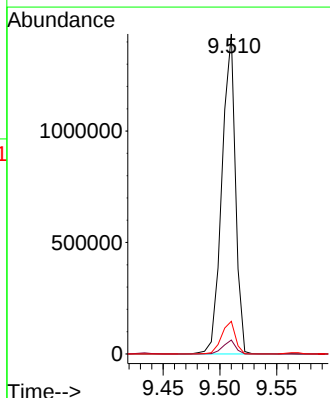
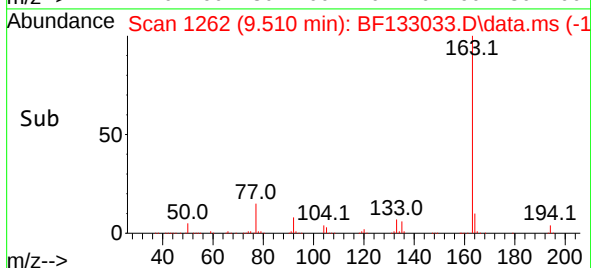
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

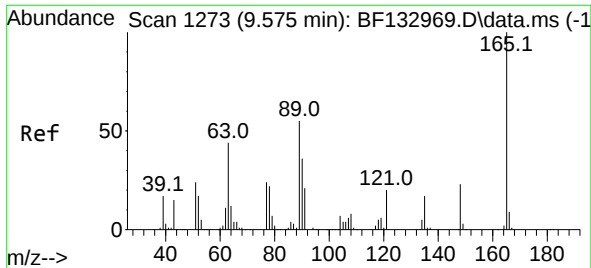


#50
Dimethylphthalate
Concen: 37.552 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:163 Resp: 1196262
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 39.032 ng
RT: 9.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

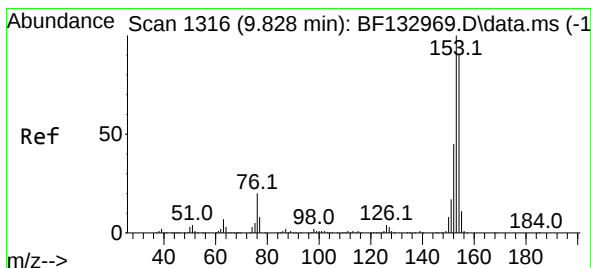
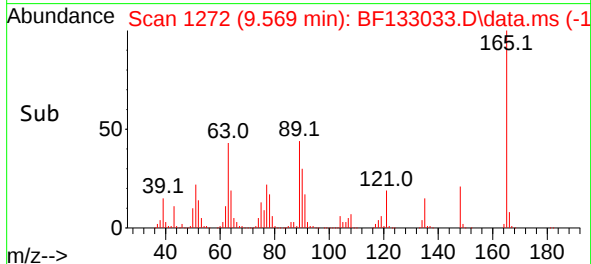
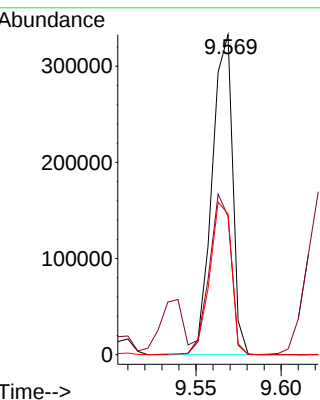
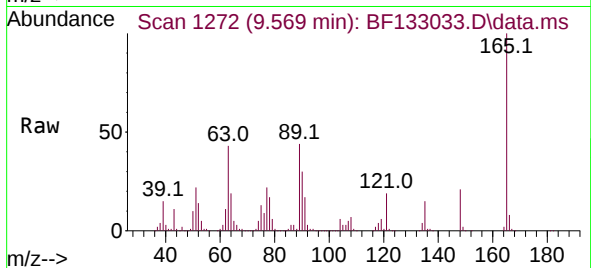
SSTDCCC040

Tgt Ion:165 Resp: 279850
Ion Ratio Lower Upper
165 100
63 43.3 45.9 68.9
89 43.9 44.0 66.0

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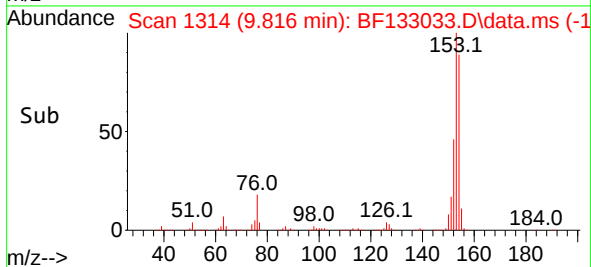
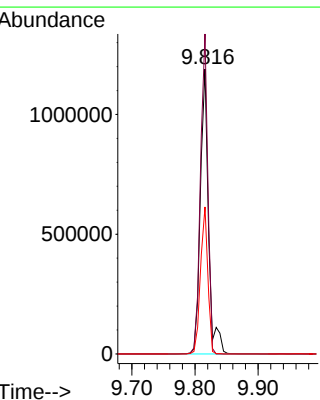
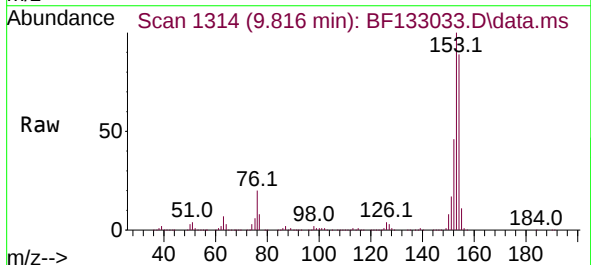
APPROVED

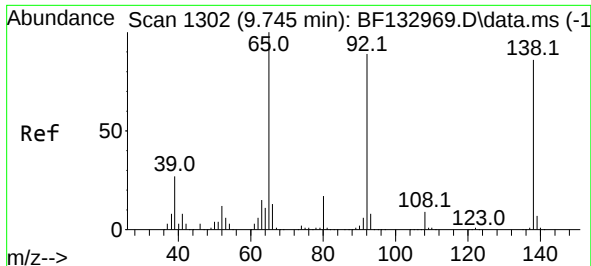
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#52
Acenaphthene
Concen: 37.480 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:154 Resp: 1063525
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 51.6 40.4 60.6





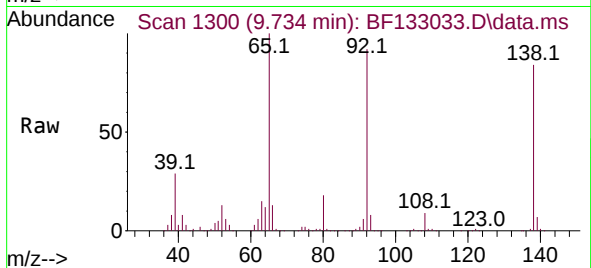
#53
3-Nitroaniline
Concen: 39.054 ng
RT: 9.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

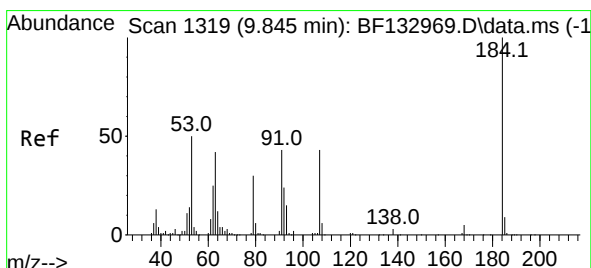
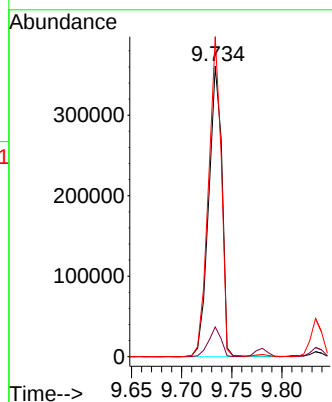
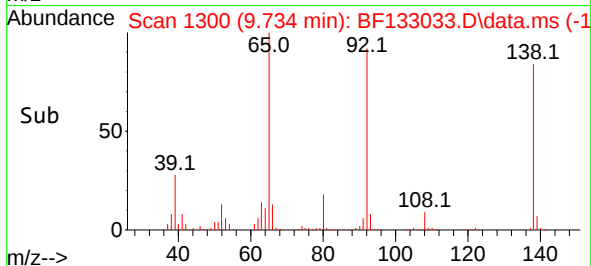


Tgt Ion:138 Resp: 332945
Ion Ratio Lower Upper
138 100
108 10.3 8.0 12.0
92 110.2 83.6 125.4

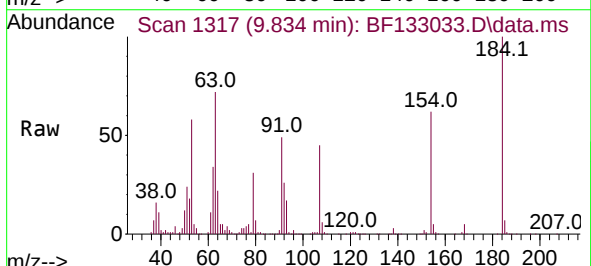
Manual Integrations

APPROVED

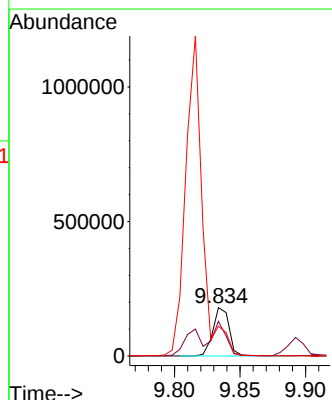
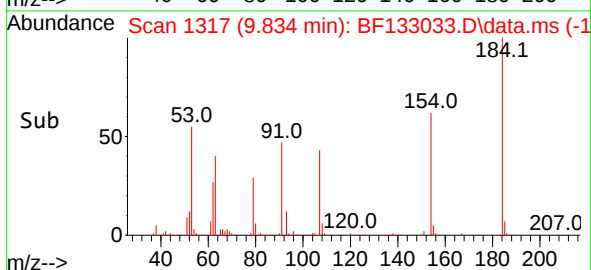
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

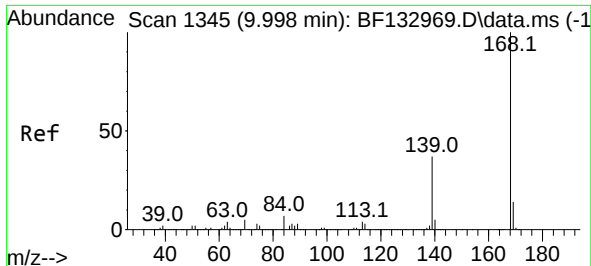


#54
2,4-Dinitrophenol
Concen: 42.998 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:184 Resp: 154964
Ion Ratio Lower Upper
184 100
63 71.7 49.8 74.8
154 61.8 49.5 74.3





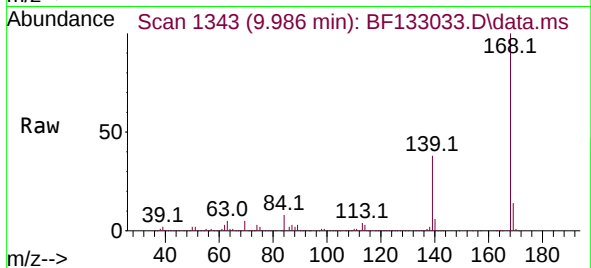
#55
Dibenzenofuran
Concen: 36.706 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

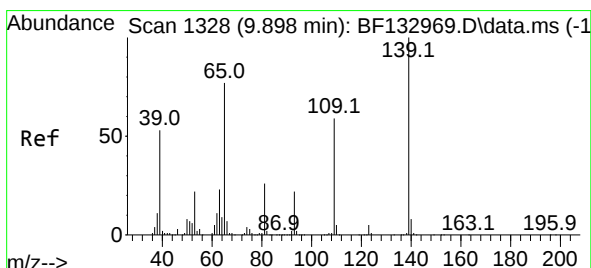
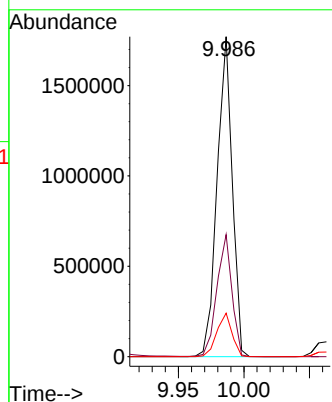
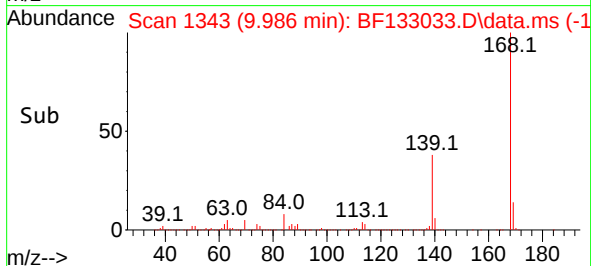


Tgt Ion:168 Resp: 142080
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.8
169 13.6 10.8 16.2

Manual Integrations

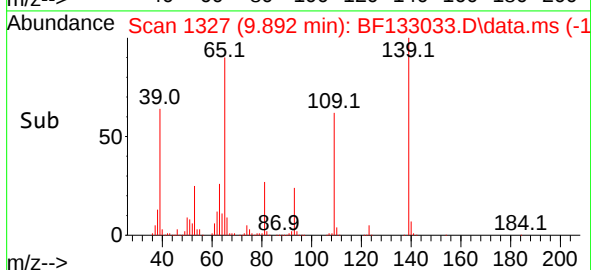
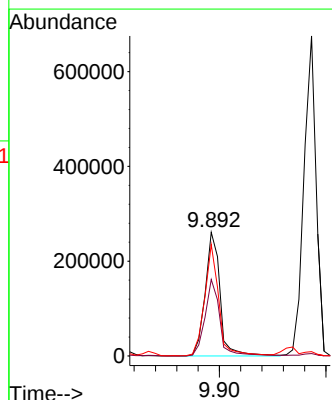
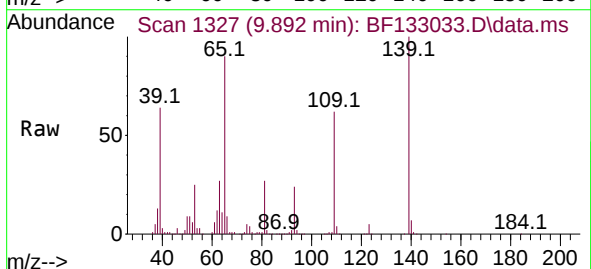
APPROVED

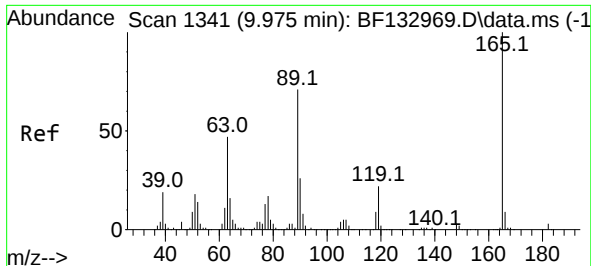
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 38.474 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:139 Resp: 254040
Ion Ratio Lower Upper
139 100
109 61.9 39.4 79.4
65 90.0 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 39.487 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 361052

Ion Ratio Lower Upper

165 100

63 38.7 37.7 56.5

89 62.8 57.0 85.4

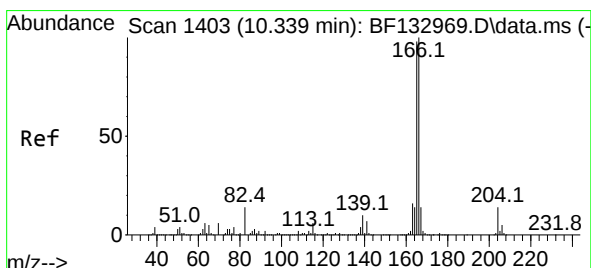
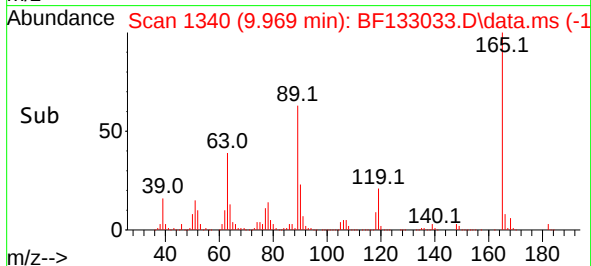
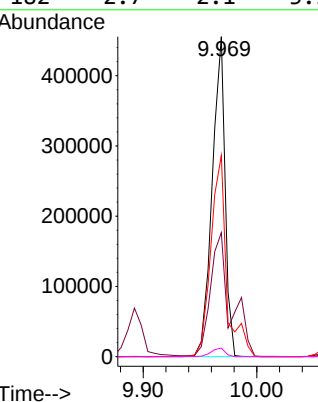
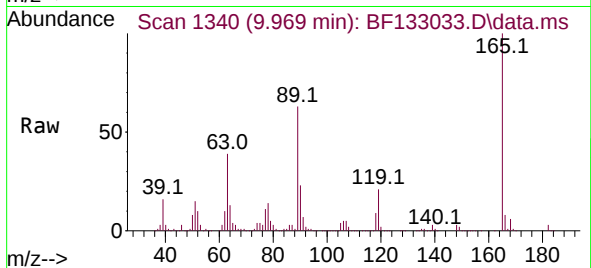
182 2.7 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#58

Fluorene

Concen: 36.754 ng

RT: 10.328 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

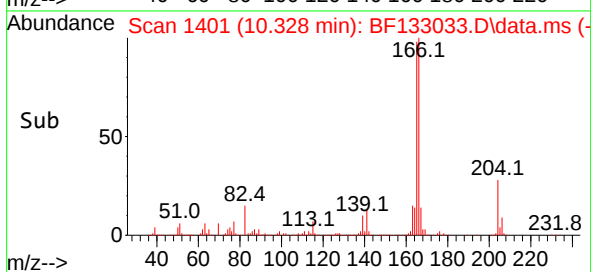
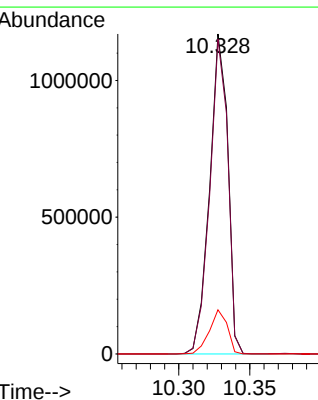
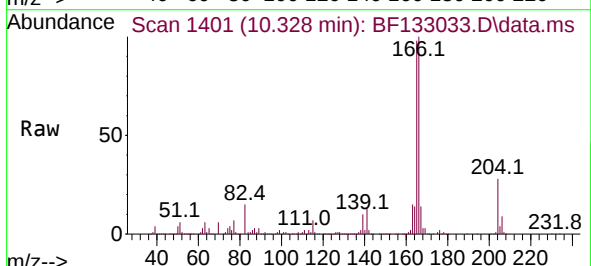
Tgt Ion:166 Resp: 1042309

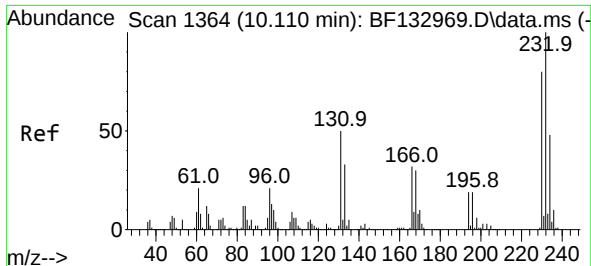
Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

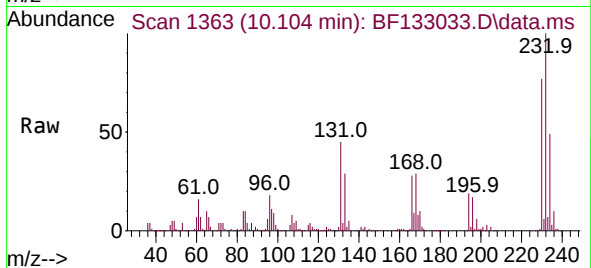
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.653 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

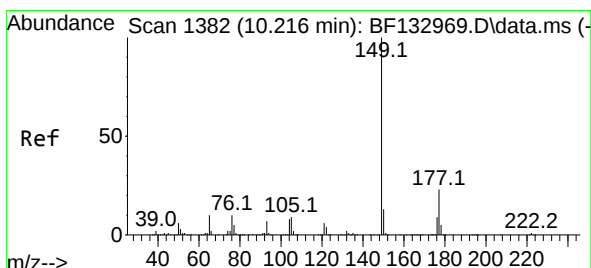
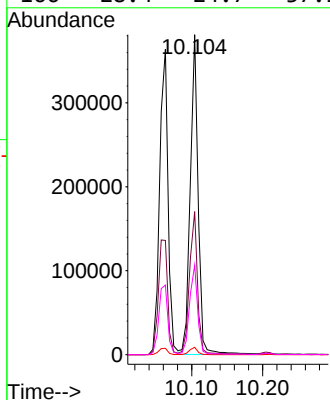
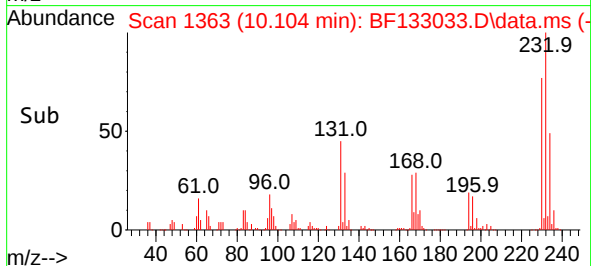
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



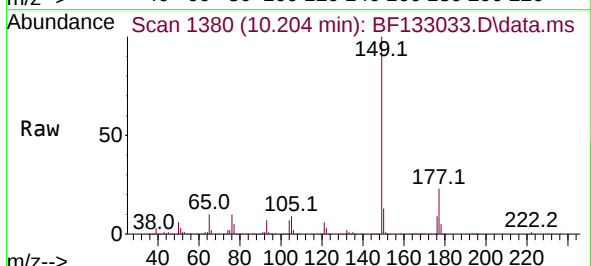
Tgt Ion:232 Resp: 29440
Ion Ratio Lower Upper
232 100
131 45.1 38.0 57.0
130 2.3 1.8 2.8
166 28.4 24.7 37.1

Manual Integrations
APPROVED

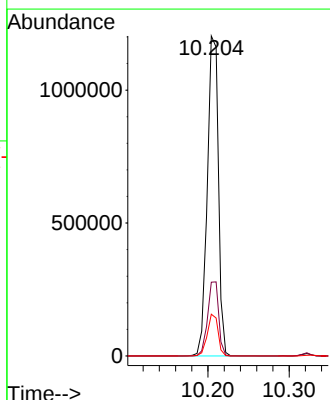
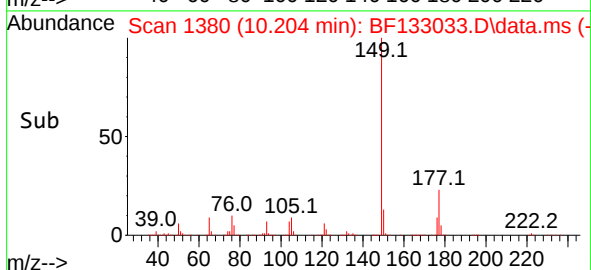
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

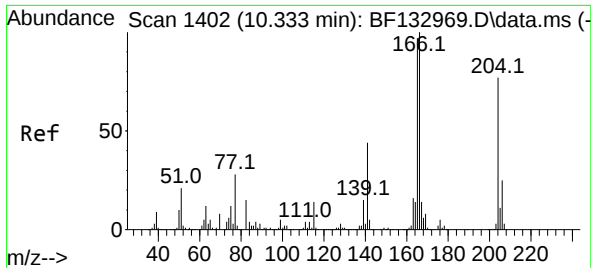


#60
Diethylphthalate
Concen: 37.854 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:149 Resp: 1139013
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 13.0 10.2 15.4





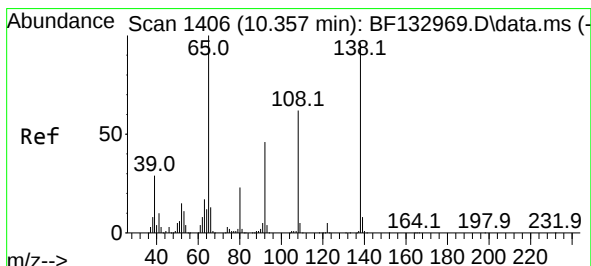
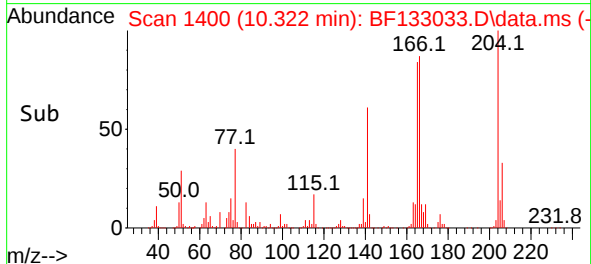
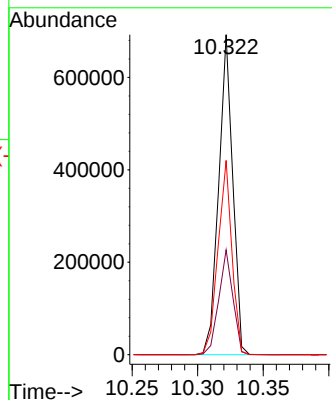
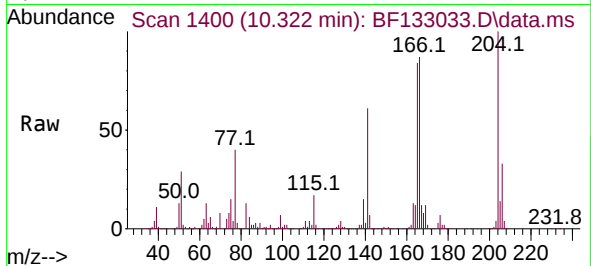
#61
4-Chlorophenyl-phenylether
Concen: 37.325 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 515824
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 60.7 46.1 69.1

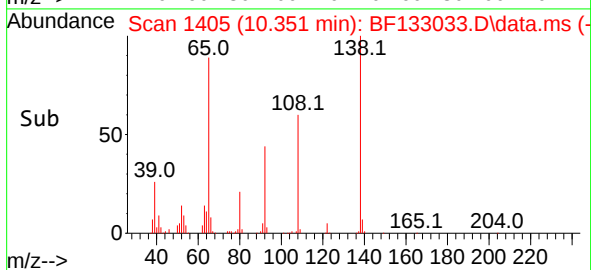
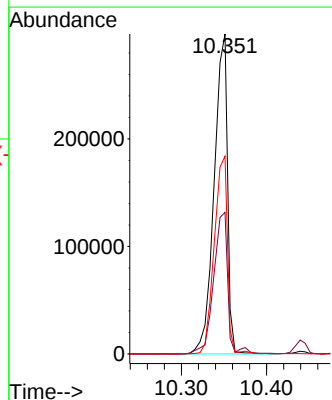
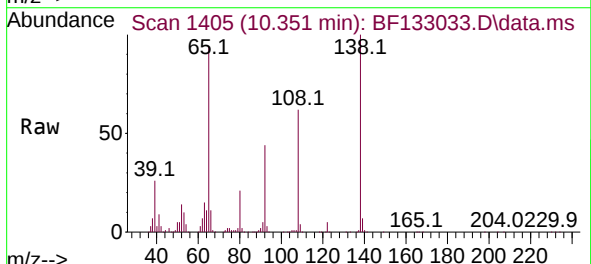
Manual Integrations
APPROVED

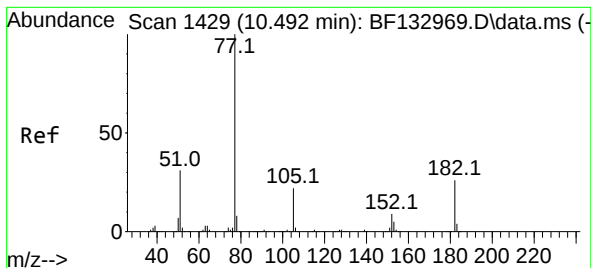
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#62
4-Nitroaniline
Concen: 41.384 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

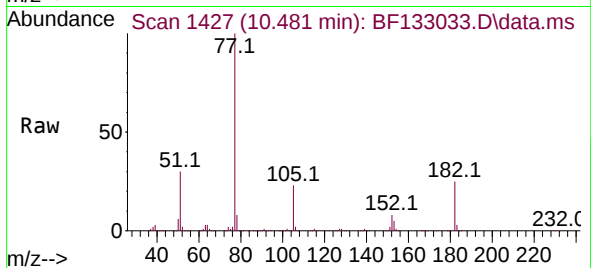
Tgt Ion:138 Resp: 324266
Ion Ratio Lower Upper
138 100
92 44.2 27.7 67.7
108 61.8 45.2 85.2





#63
Azobenzene
Concen: 36.411 ng
RT: 10.481 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

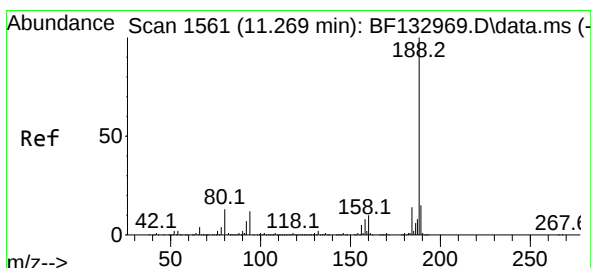
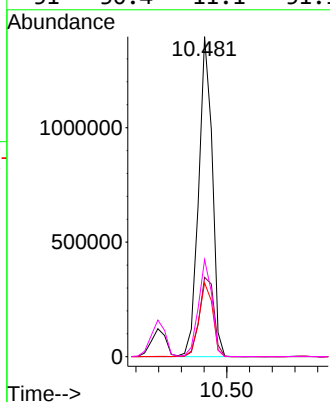
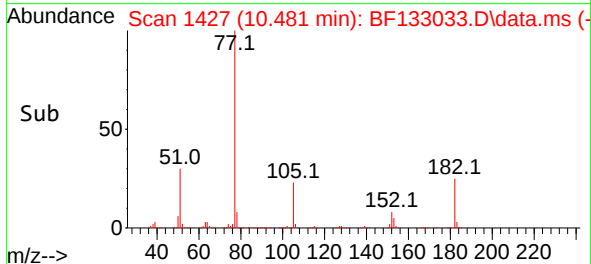
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



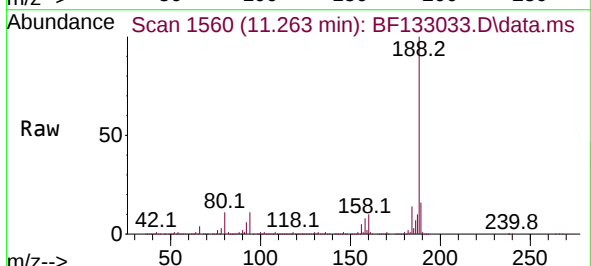
Tgt Ion: 77 Resp: 116062
Ion Ratio Lower Upper
77 100
182 24.8 5.9 45.9
105 23.1 2.3 42.3
51 30.4 11.1 51.1

Manual Integrations
APPROVED

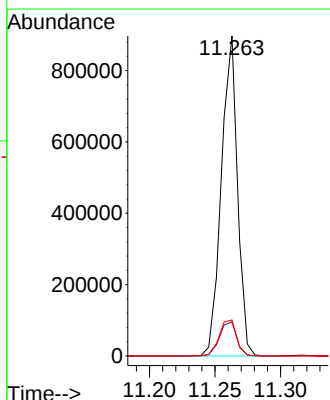
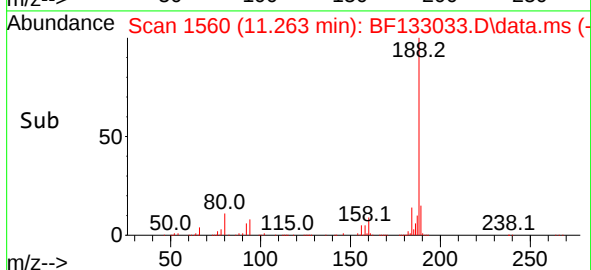
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

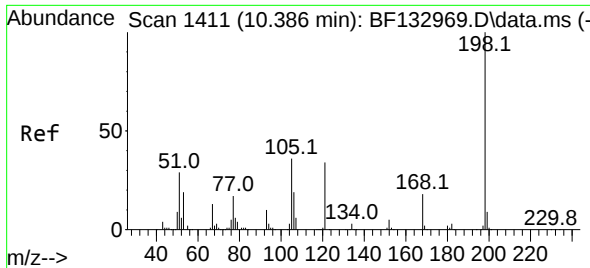


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:188 Resp: 767191
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 11.3 10.4 15.6





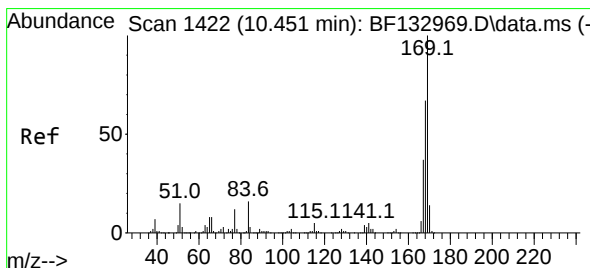
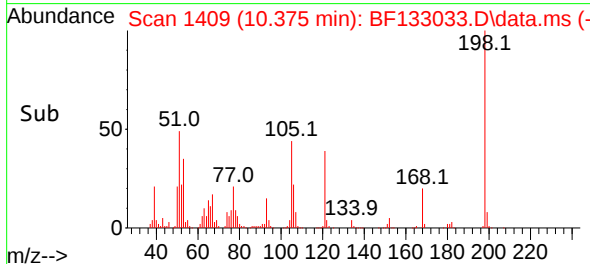
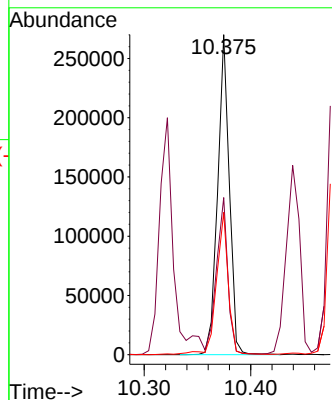
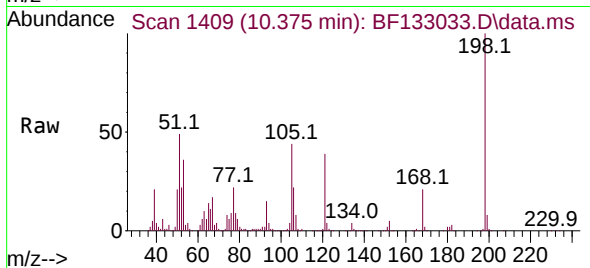
#65
4,6-Dinitro-2-methylphenol
Concen: 44.253 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 20578
Ion Ratio Lower Upper
198 100
51 49.1 15.5 55.5
105 44.4 16.7 56.7

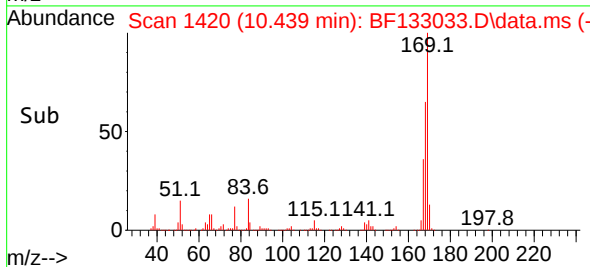
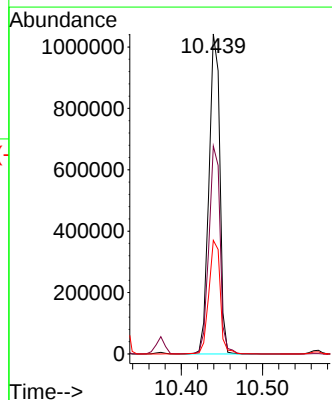
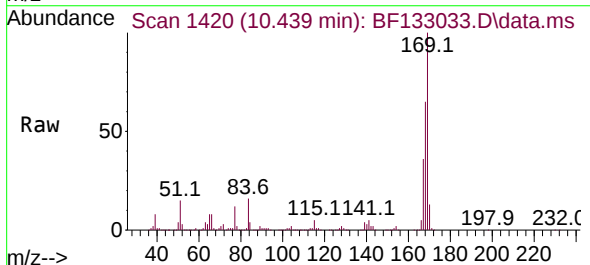
Manual Integrations
APPROVED

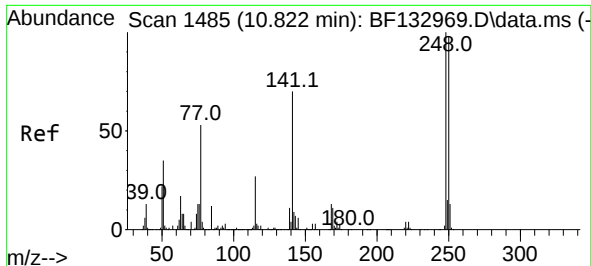
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#66
n-Nitrosodiphenylamine
Concen: 38.815 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

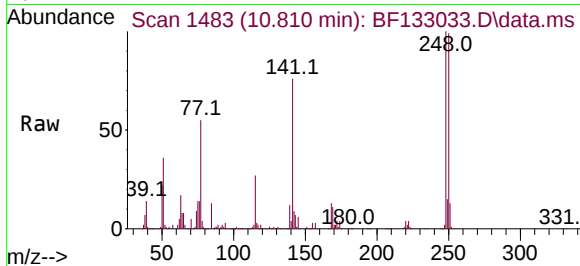
Tgt Ion:169 Resp: 965948
Ion Ratio Lower Upper
169 100
168 65.0 53.8 80.8
167 35.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 39.419 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

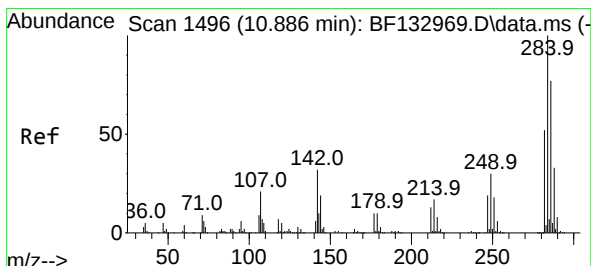
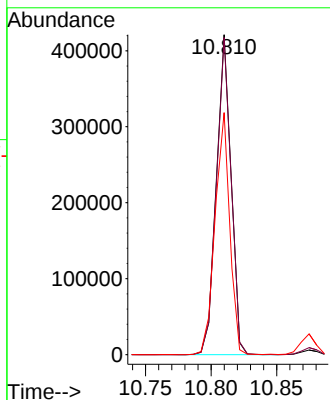
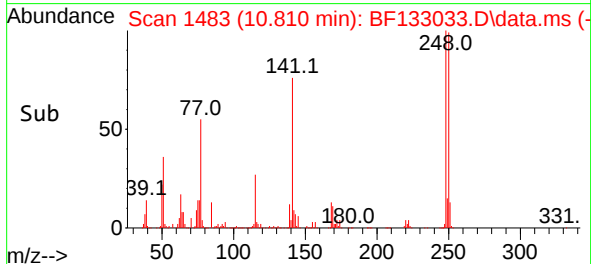
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



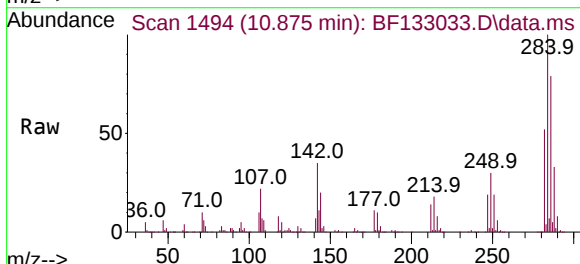
Tgt Ion:248 Resp: 327994
Ion Ratio Lower Upper
248 100
250 99.1 78.7 118.1
141 75.7 56.3 84.5

Manual Integrations
APPROVED

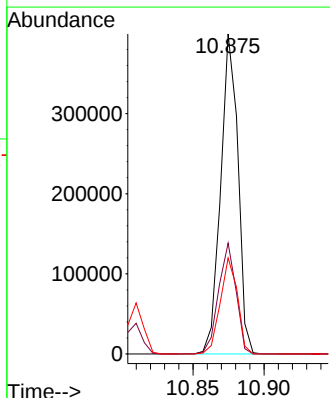
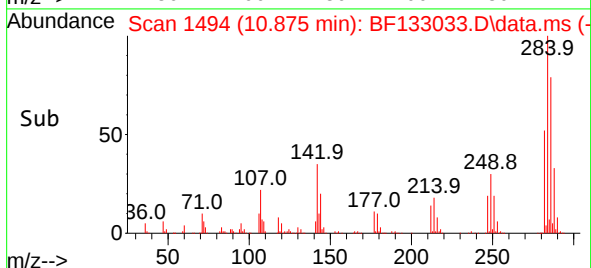
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

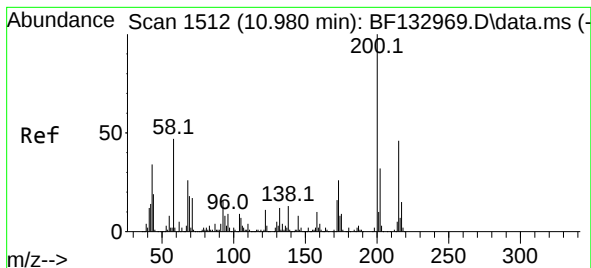


#68
Hexachlorobenzene
Concen: 39.634 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:284 Resp: 337921
Ion Ratio Lower Upper
284 100
142 34.6 26.0 39.0
249 30.0 23.7 35.5





#69

Atrazine

Concen: 39.996 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BF133033.D

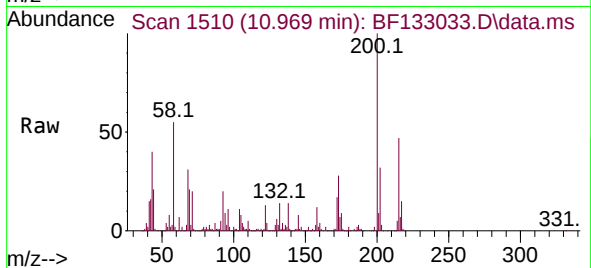
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:200 Resp: 28679

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

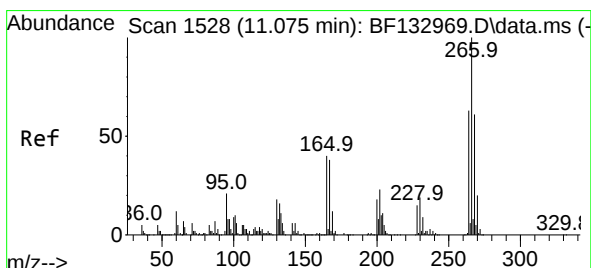
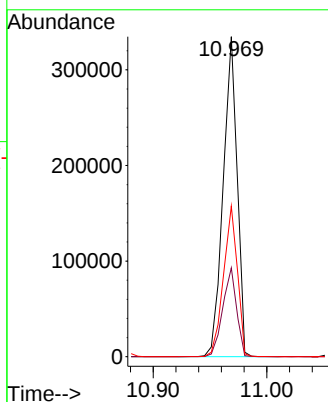
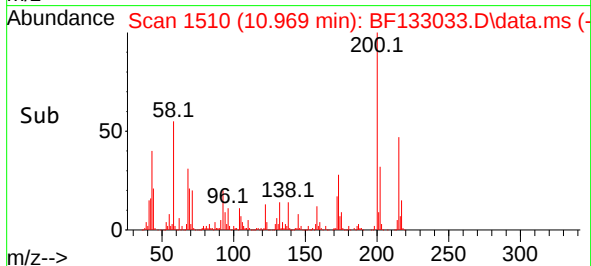
215 47.1 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#70

Pentachlorophenol

Concen: 41.052 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

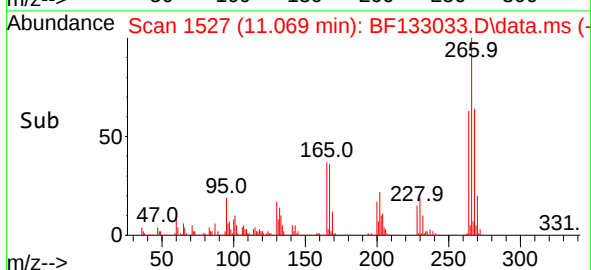
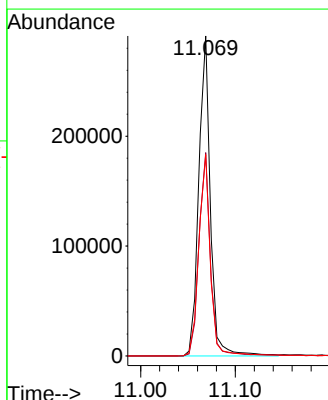
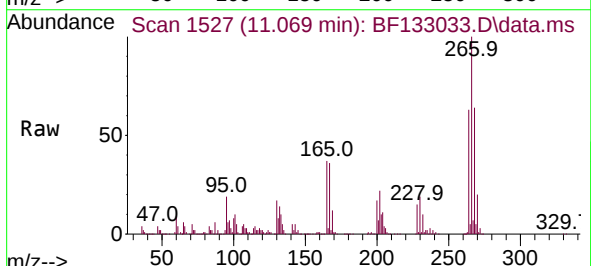
Tgt Ion:266 Resp: 249273

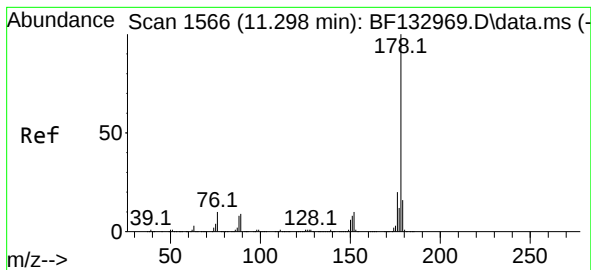
Ion Ratio Lower Upper

266 100

268 63.5 48.8 73.2

264 63.0 50.6 76.0





#71

Phenanthrene

Concen: 38.109 ng

RT: 11.286 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 157141

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

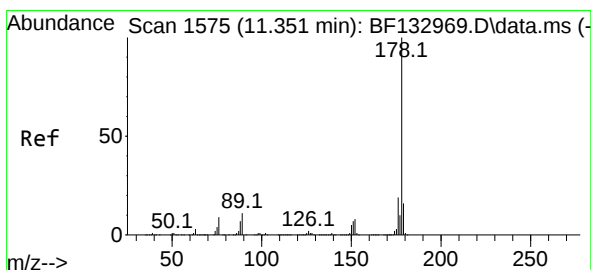
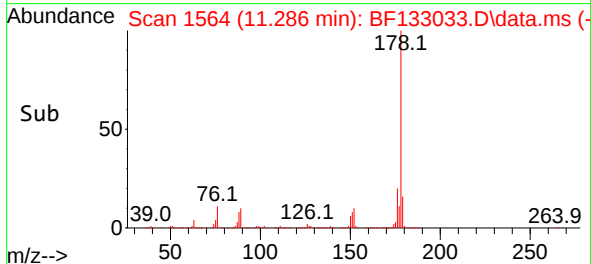
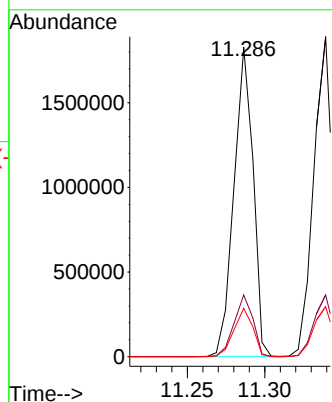
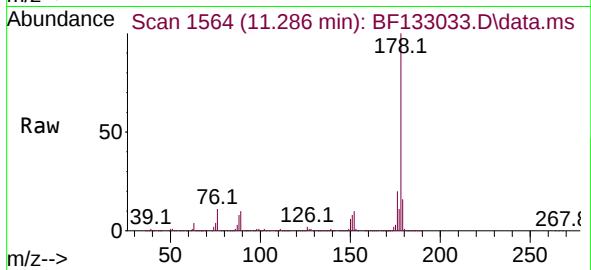
179 15.6 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#72

Anthracene

Concen: 38.204 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

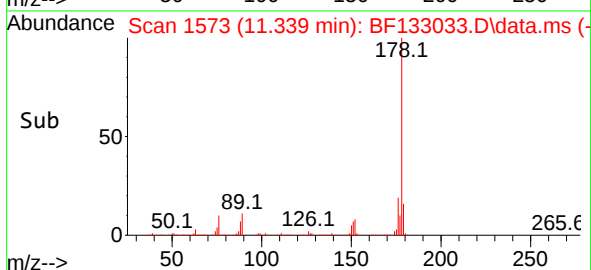
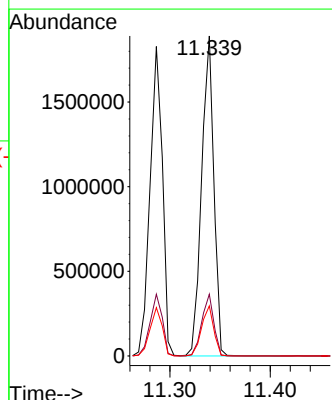
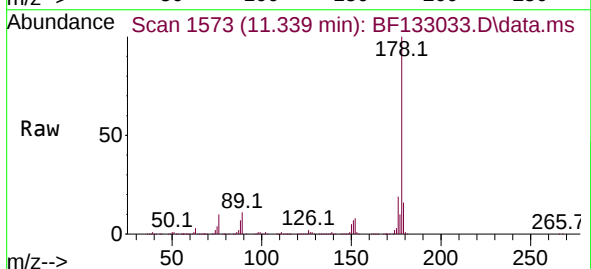
Tgt Ion:178 Resp: 1612144

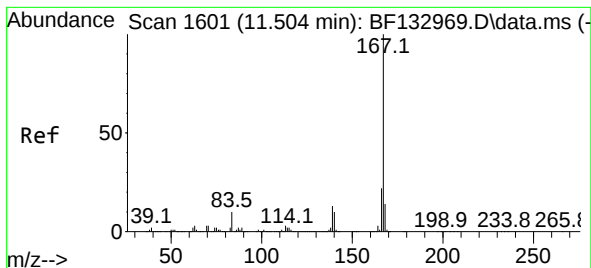
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.7 12.4 18.6





#73

Carbazole

Concen: 38.173 ng

RT: 11.492 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1434340

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

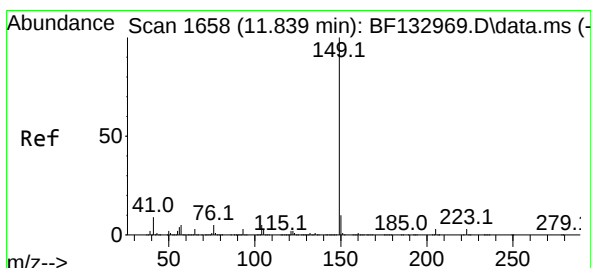
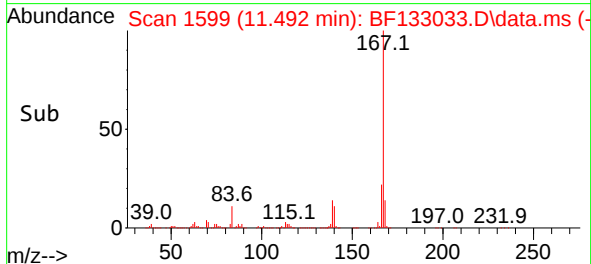
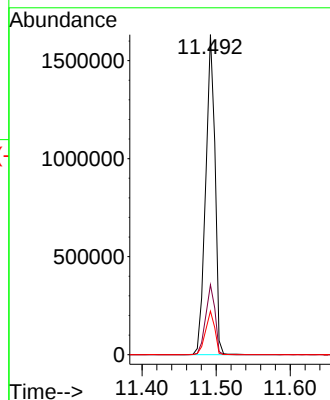
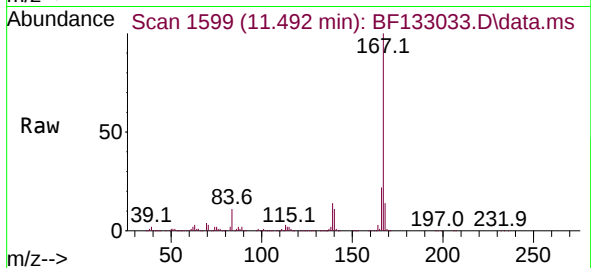
139 13.6 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#74

Di-n-butylphthalate

Concen: 41.085 ng

RT: 11.828 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

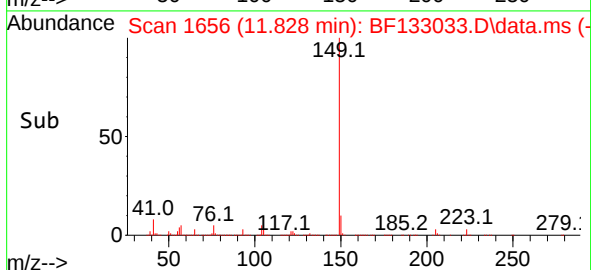
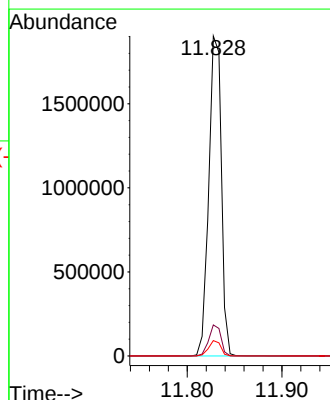
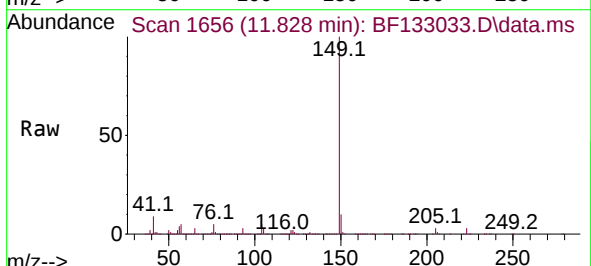
Tgt Ion:149 Resp: 1747020

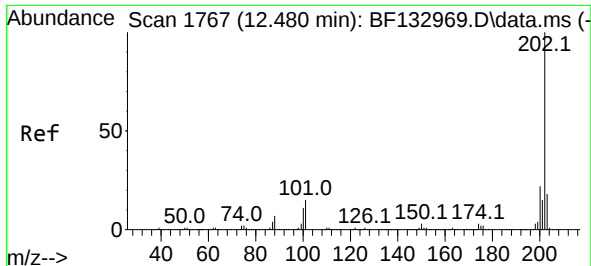
Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

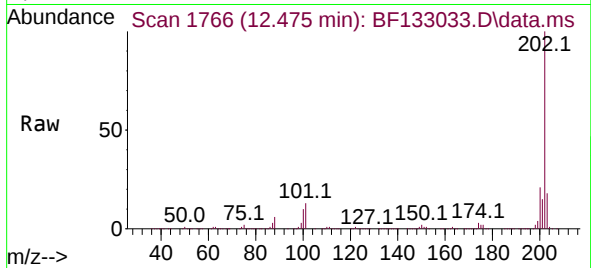
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 38.326 ng
RT: 12.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

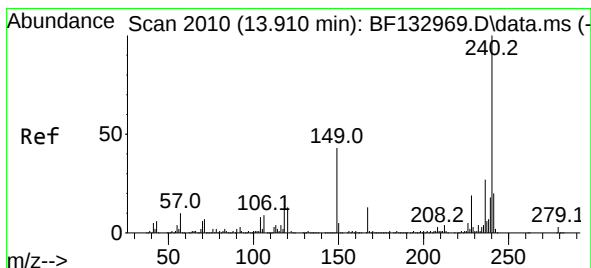
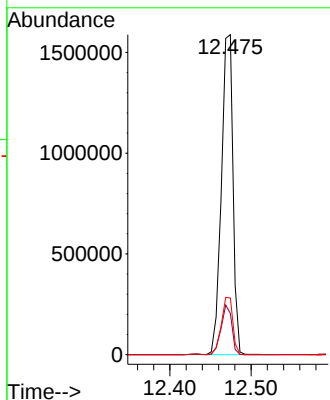
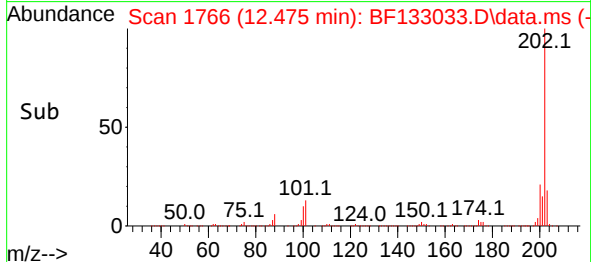
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 1586050
Ion Ratio Lower Upper
202 100
101 12.9 0.0 35.3
203 17.7 0.0 38.1

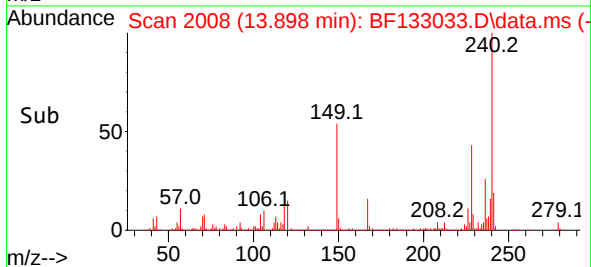
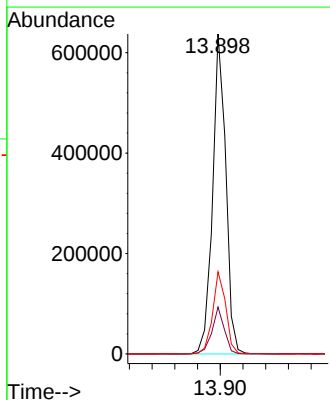
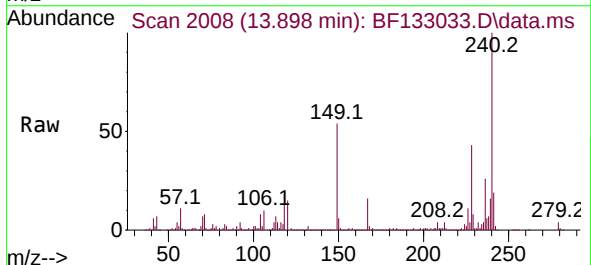
Manual Integrations
APPROVED

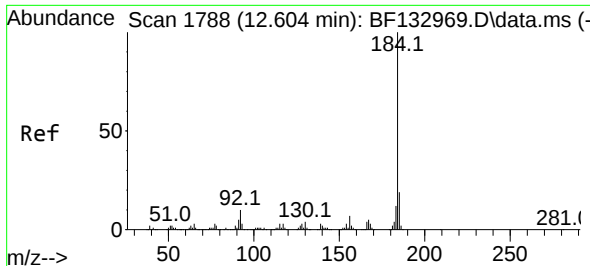
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

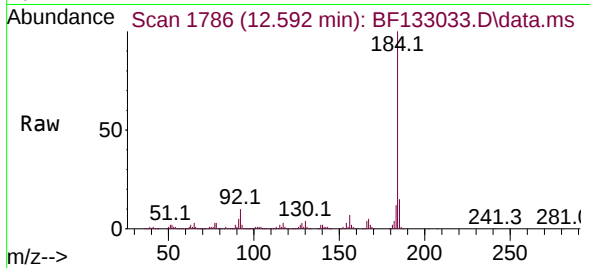
Tgt Ion:240 Resp: 514003
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 25.7 21.5 32.3





#77
Benzidine
Concen: 64.664 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

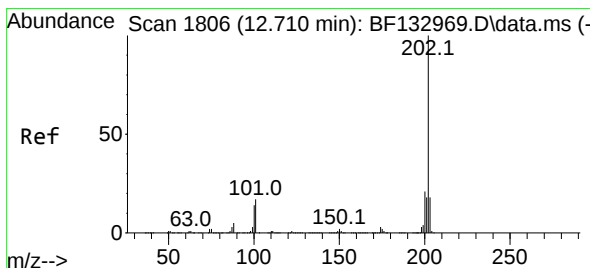
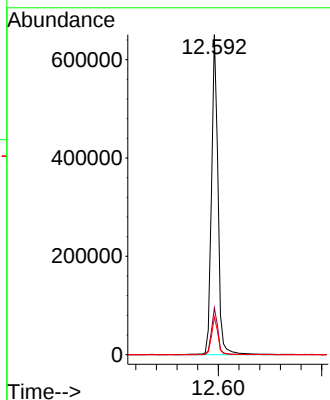
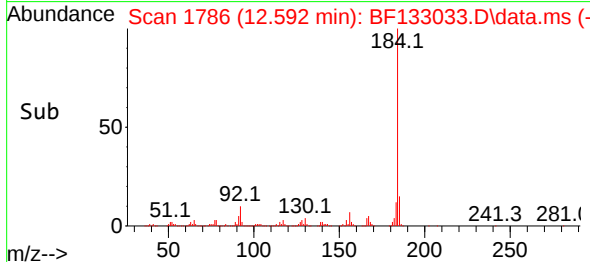
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 562062
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2
183 11.8 9.4 14.0

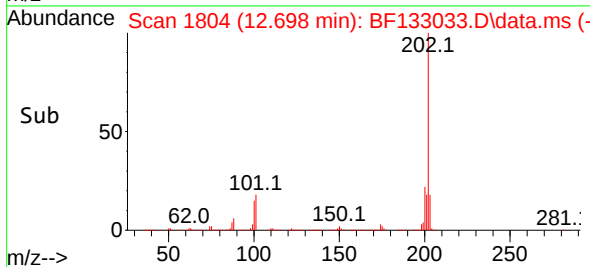
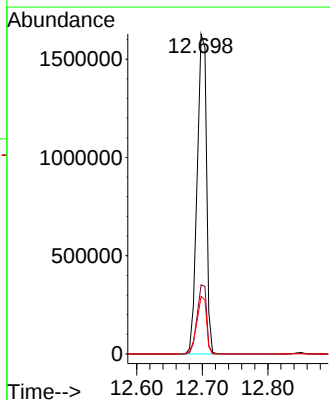
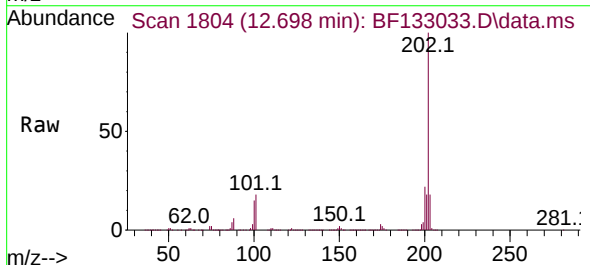
Manual Integrations
APPROVED

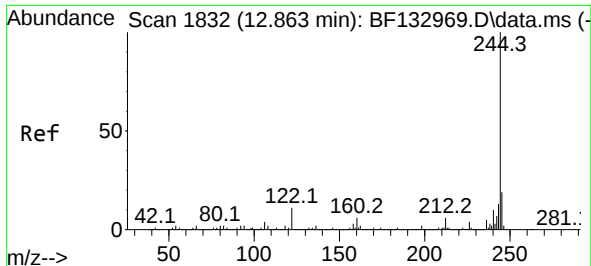
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#78
Pyrene
Concen: 36.955 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:202 Resp: 1628326
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.0 14.1 21.1





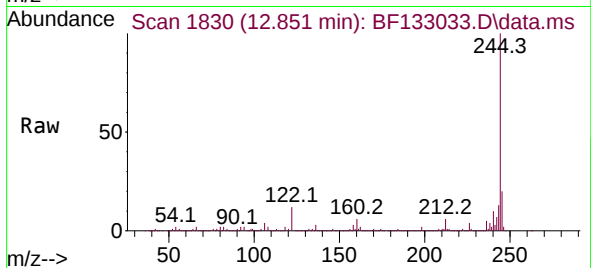
#79
Terphenyl-d14
Concen: 73.718 ng
RT: 12.851 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

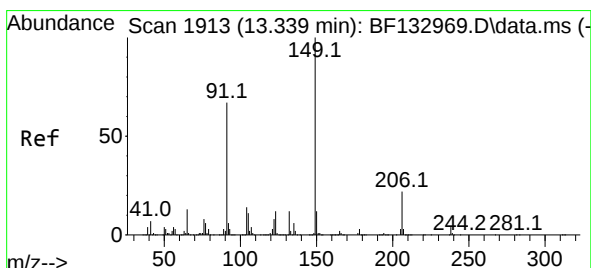
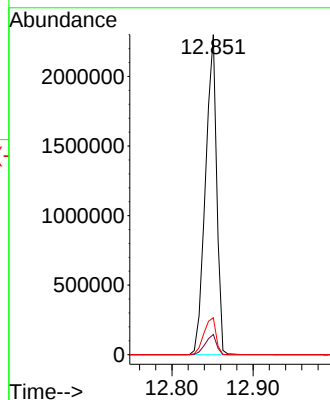
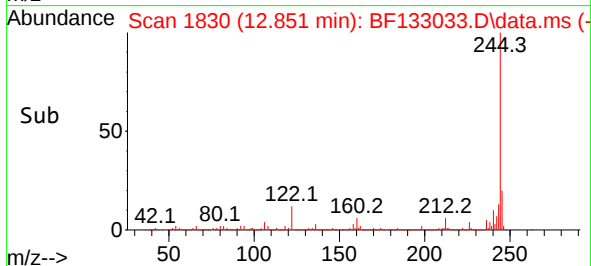


Tgt Ion:244 Resp: 2197010
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 11.5 8.6 13.0

Manual Integrations

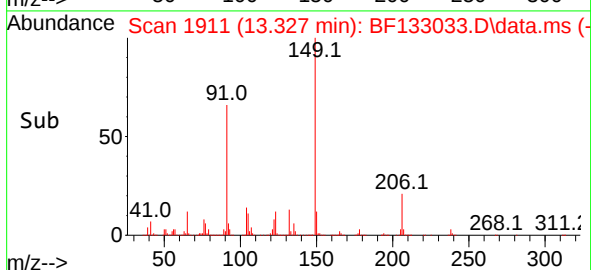
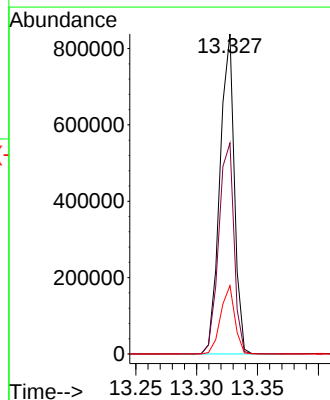
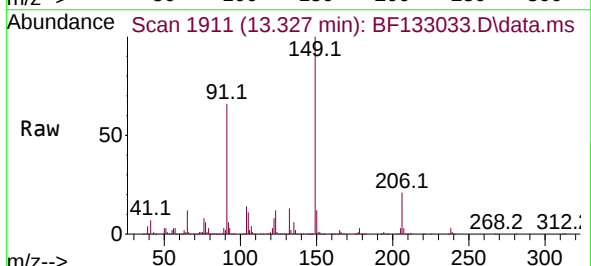
APPROVED

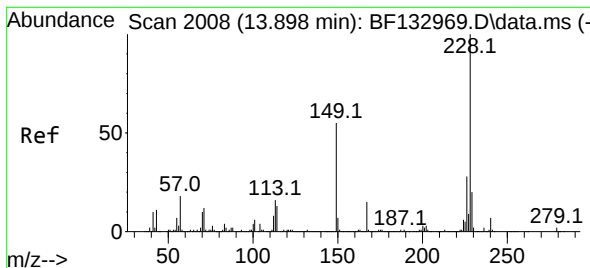
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#80
Butylbenzylphthalate
Concen: 44.613 ng
RT: 13.327 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:149 Resp: 696022
Ion Ratio Lower Upper
149 100
91 65.9 53.8 80.6
206 21.4 17.5 26.3





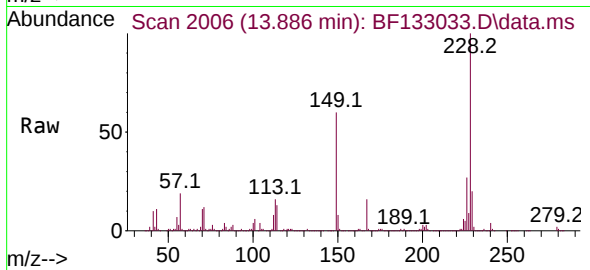
#81
Benzo(a)anthracene
Concen: 37.394 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

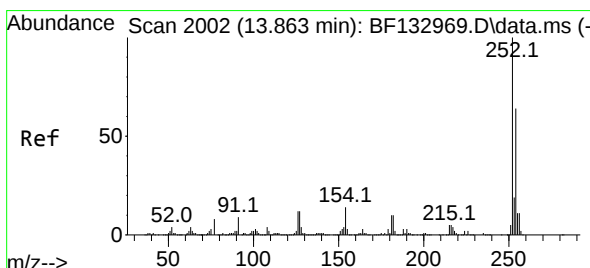
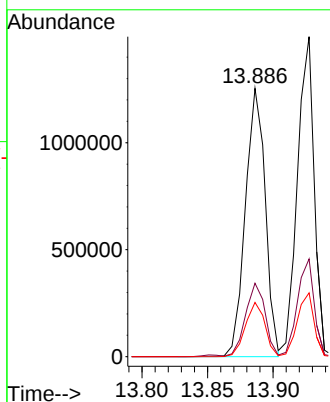
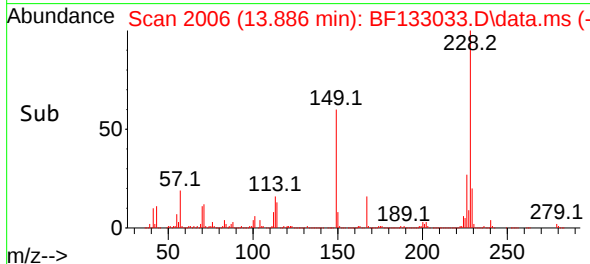


Tgt Ion:228 Resp: 132174
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.2 16.0 24.0

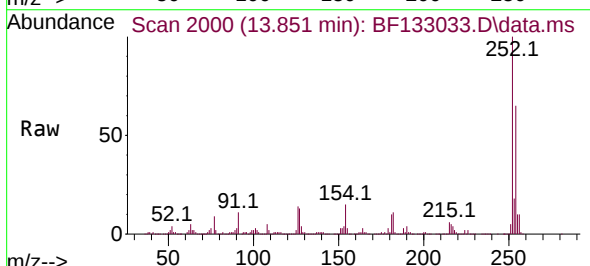
Manual Integrations

APPROVED

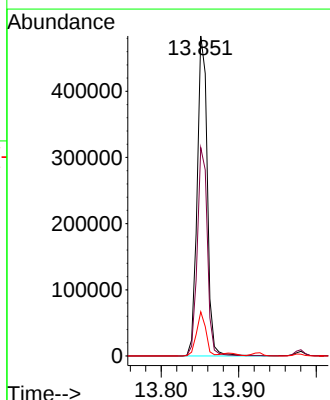
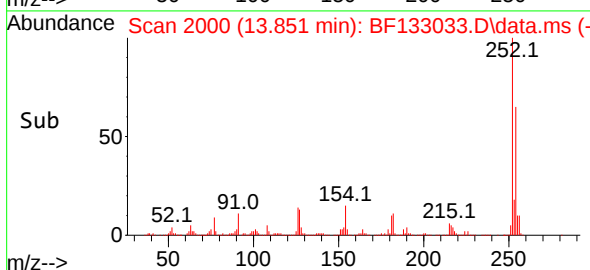
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

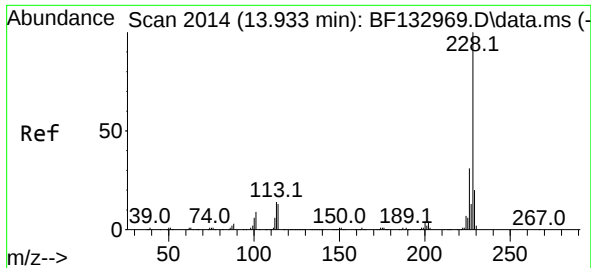


#82
3,3'-Dichlorobenzidine
Concen: 44.939 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



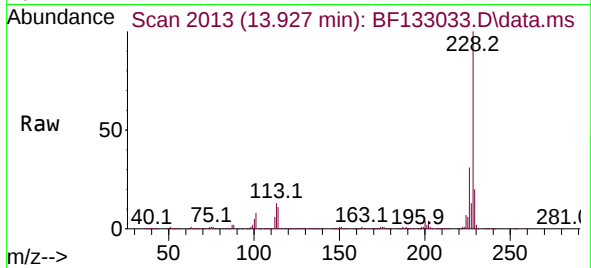
Tgt Ion:252 Resp: 438810
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 13.8 9.5 14.3





#83
Chrysene
Concen: 37.715 ng
RT: 13.927 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

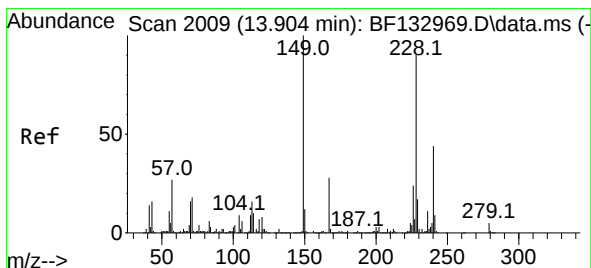
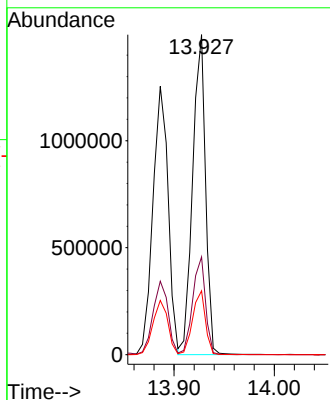
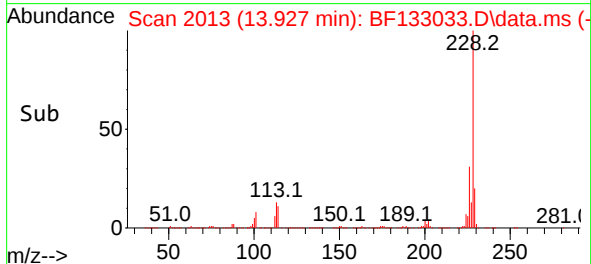
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1332760
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.9 16.1 24.1

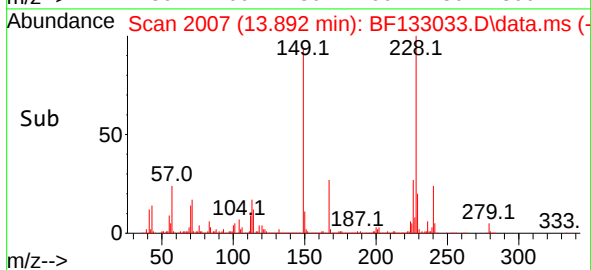
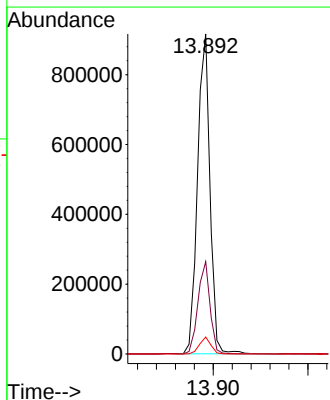
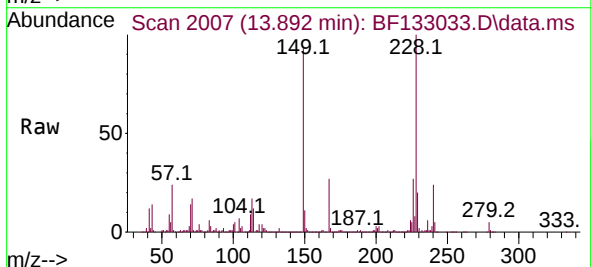
Manual Integrations
APPROVED

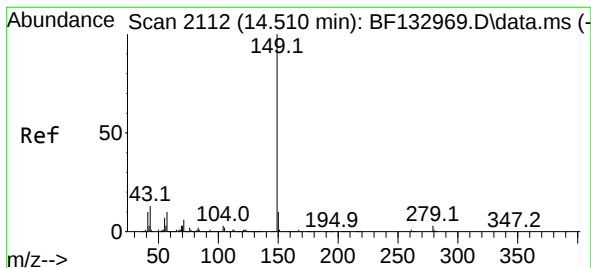
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.778 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

Tgt Ion:149 Resp: 837694
Ion Ratio Lower Upper
149 100
167 28.9 22.5 33.7
279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 47.527 ng

RT: 14.504 min Scan# 2111

Delta R.T. 0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 151755

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

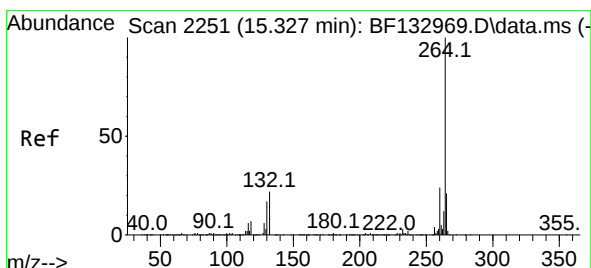
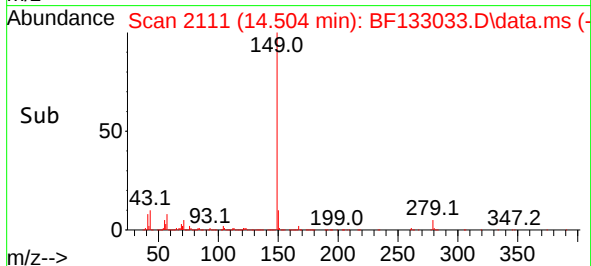
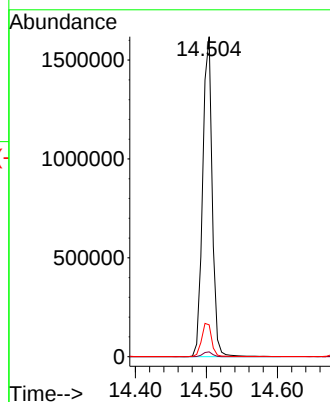
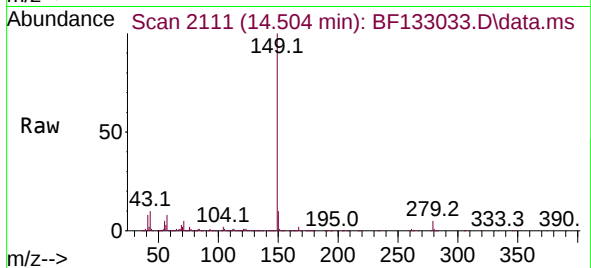
43 10.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF133033.D

Acq: 25 Apr 2023 18:24

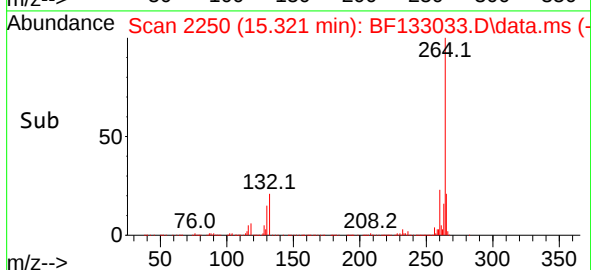
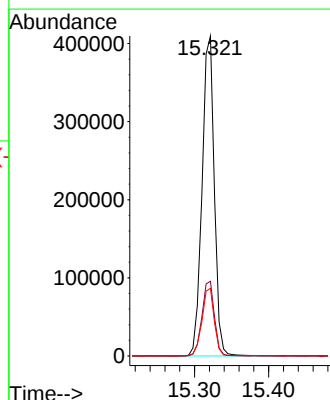
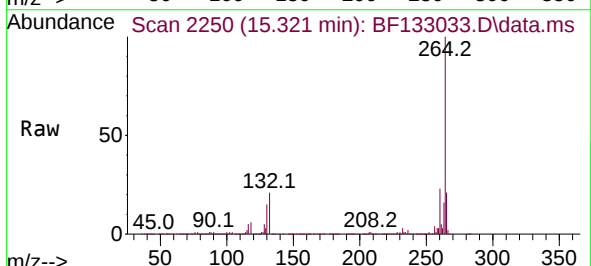
Tgt Ion:264 Resp: 471896

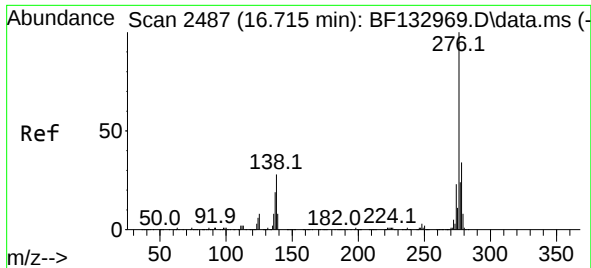
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

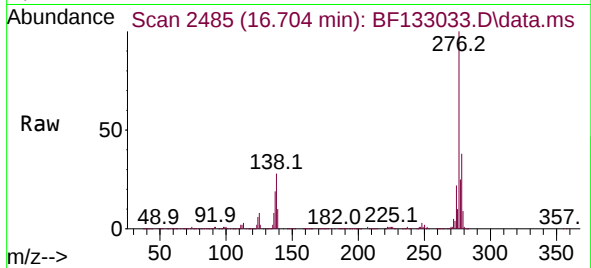
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.728 ng
RT: 16.704 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

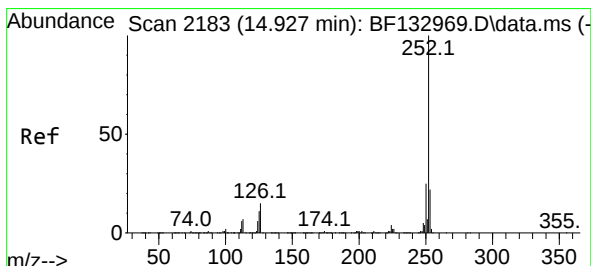
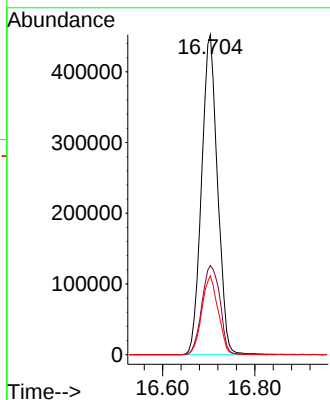
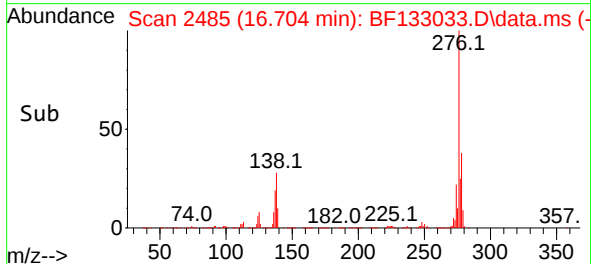
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 1093238
Ion Ratio Lower Upper
276 100
138 31.5 25.5 38.3
277 25.2 20.4 30.6

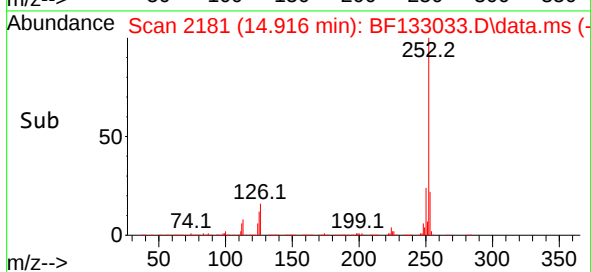
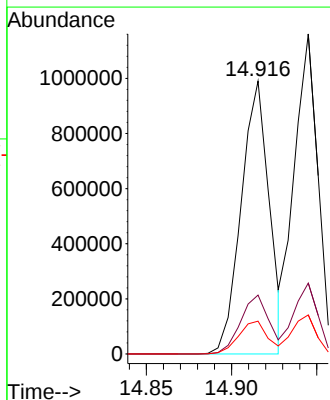
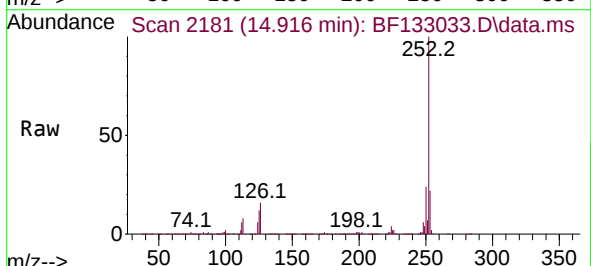
Manual Integrations
APPROVED

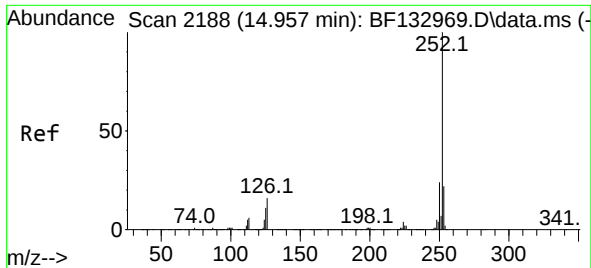
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#88
Benzo(b)fluoranthene
Concen: 37.774 ng
RT: 14.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

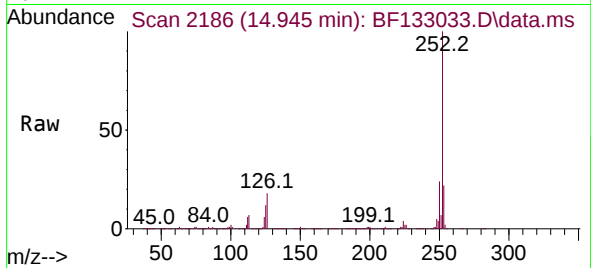
Tgt Ion:252 Resp: 1134037
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 12.0 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 38.090 ng
RT: 14.945 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

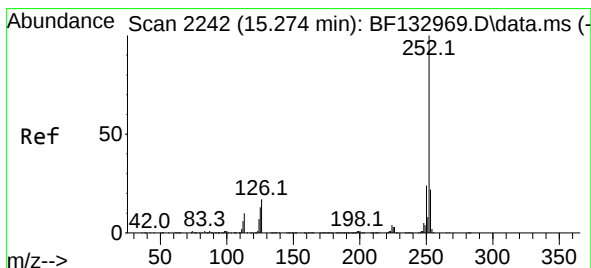
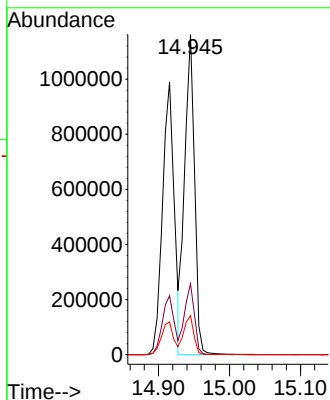
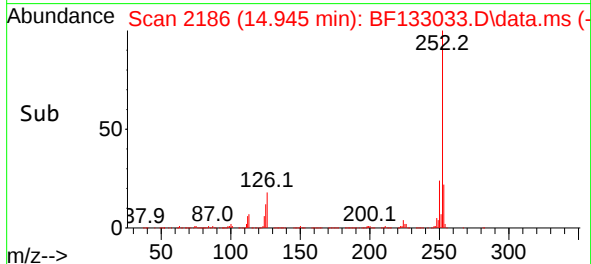
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 1133550
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.2 9.0 13.4

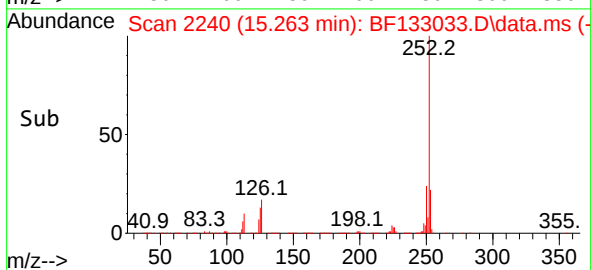
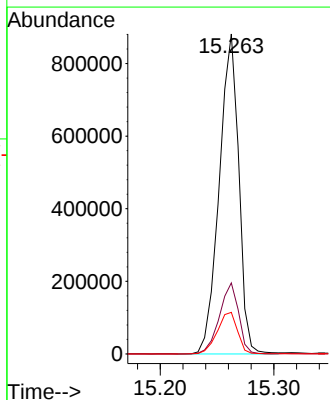
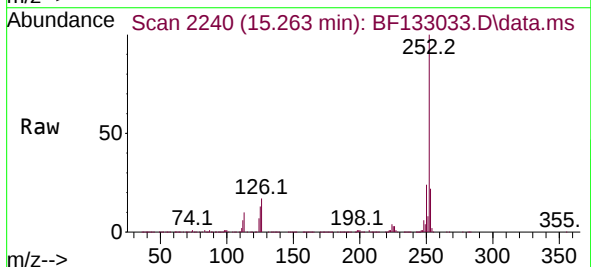
Manual Integrations
APPROVED

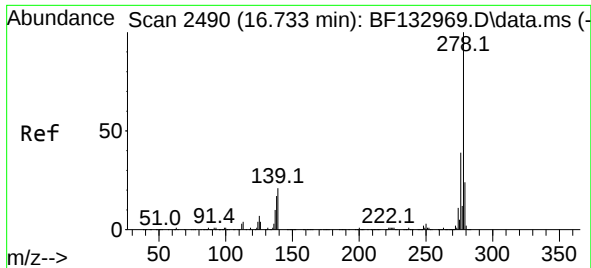
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#90
Benzo(a)pyrene
Concen: 38.511 ng
RT: 15.263 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

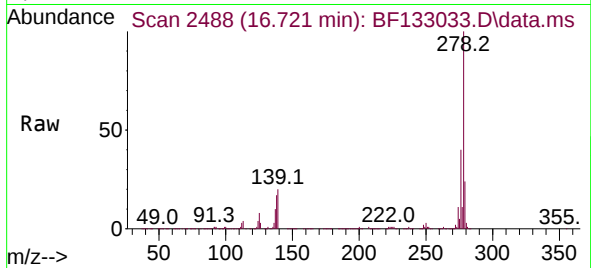
Tgt Ion:252 Resp: 1052335
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 13.0 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 40.825 ng
RT: 16.721 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24

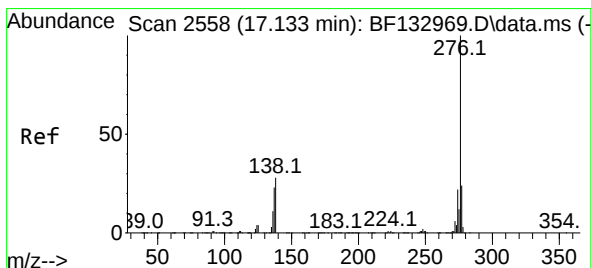
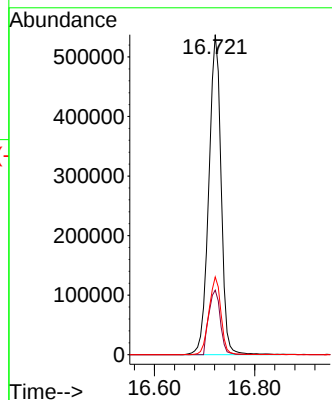
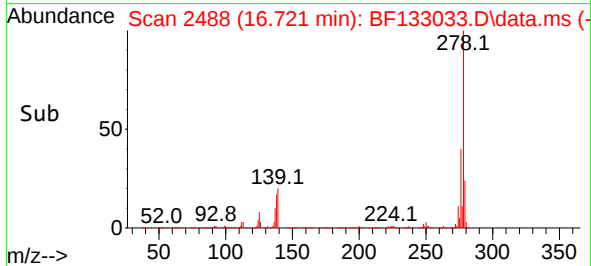
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



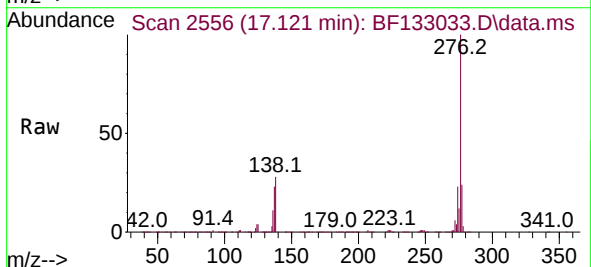
Tgt Ion:278 Resp: 913978
Ion Ratio Lower Upper
278 100
139 20.2 16.6 24.8
279 24.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#92
Benzo(g,h,i)perylene
Concen: 40.485 ng
RT: 17.121 min Scan# 2556
Delta R.T. 0.000 min
Lab File: BF133033.D
Acq: 25 Apr 2023 18:24



Tgt Ion:276 Resp: 894812
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 28.1 22.7 34.1

